

**666D**  
**SKIDDER**  
**PARTS**  
**MANUAL**  
**No. 6545**

Information contained herein pertains to  
Machine serial numbers listed below:

CABLE DETROIT - 548A

GRAPPLE DETROIT - 549A

GRAPPLE DETROIT - 552A

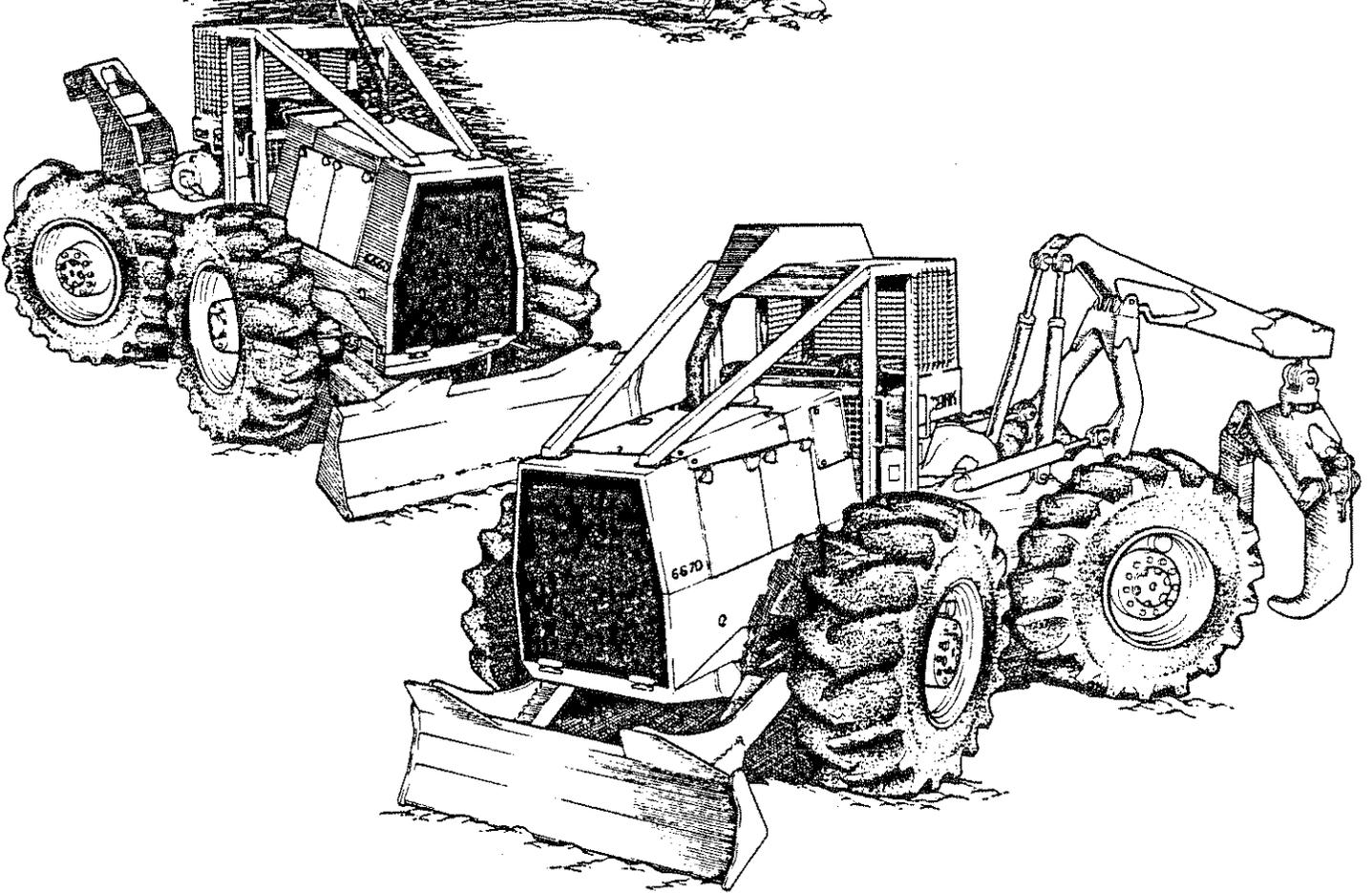
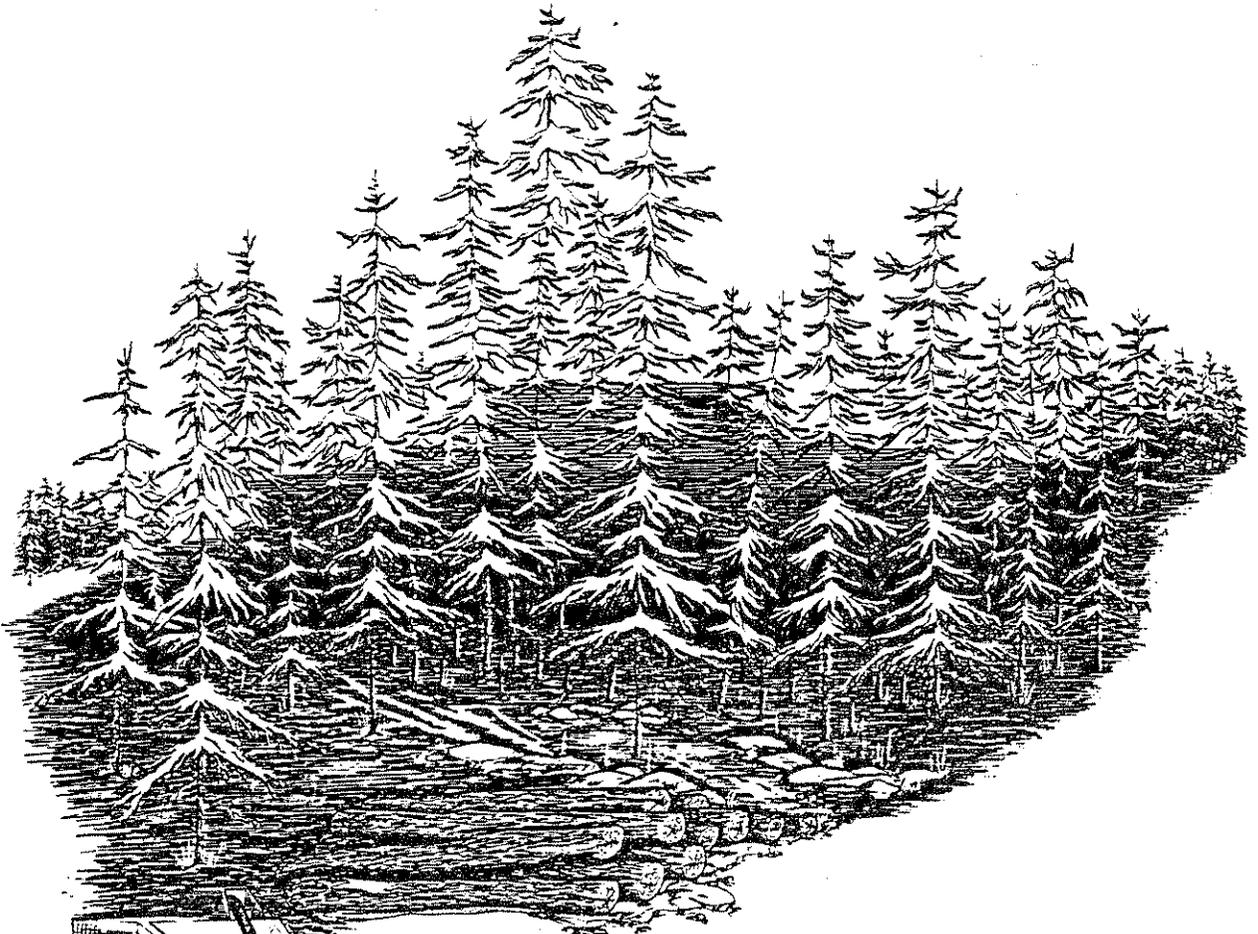
CABLE CUMMINS - 559A

GRAPPLE CUMMINS- 555A

GRAPPLE CUMMINS- 564A

Record Your Machine  
Serial Number Here

**RANGER**  
Forestry Equipment



**WHEN ORDERING PARTS** always give the distributor the Model and Serial Number of the machine.

Order by Part Number, Description and Quantity. Furnish complete SHIPPING INSTRUCTIONS to avoid delay in delivery. Check your order as soon as parts are received.

Clark Equipment Company encourages the use of "Original Equipment Replacement Parts" and the experienced "Service Know-How" available through our distributors.

**QUAND VOUS ORDONNEZ** des pieces, il faut toujours donner le modele et numero de serie de la machine au distributeur.

Faites votre ordre en indiquant le numero de piece, la description et la quantite. Donnez des instructions de livraison completes pour eviter retard. Examinez votre ordre apres recevoir les pieces.

Clark Equipment Company recommande l'utilisation de pieces originales de l'equipement et le service eprouve obtenible de nosres distributeurs.

**BEI TEILBESTELLUNG** jeweils Modell und Seriennummer der Maschine angeben.

Bestellungen müssen Teilnummer, Bezeichnung und Menge enthalten. Geben Sie vollständige LIEFERANWEISUNGEN an, um Verzögerungen bei der Lieferung zu vermeiden. Überprüfen Sie Ihre Bestellung nach Empfang der Teile.

Clark Equipment Company empfiehlt den Gebrauch von fabrikhergestelltem Originalteilen und das Wartungs-Know-How, das unsere Händler bieten.

**ENCOMENDANDO AS PECAS**, da sempre ao distribuidor o Modelo e Numero de Serie da maquina.

Faz a encomenda pelo Numero de Peca, a Descriçao e Quantidade. Mande INSTRUÇÕES DE EXPEDIÇÃO completas para evitar demora em entrega. Verifique a sua encomenda assim que receber as pecas.

Clark Equipment Company anima o uso de "Pecas de Restituicao Originais do Equipamento" e o "Servico-Bossa" experiente que oferecem nossos distribuidores.

**AL ENCARGAR REPUESTOS** es necesario suministrar al distribuidor el modelo y numero de serie de la maquina.

Suministrar siempre el numero de pieza, la descripción y la cantidad al hacer pedidos. Proporcionar INSTRUCCIONES DE ENVIO completas para evitar demoras en el envio. Verifique su pedido al recibir los repuestos.

Clark Equipment Company sugiere el uso de repuestos originales del equipo y el servicio perito ofrecido por nuestros distribuidores.

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**SYMBOLS**

○	See Index
●	When ordering weatherstrip, specify length required
§	Not sold separately
†	Not illustrated
□	Used on
■	Not used on
‡	As required
*	Standard
☒	Optional
→	Thru
& →	And after

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**SYMBLES**

**ZEICHENERKLARUNG**

○	Voir table des matières	○	Siehe Inhaltsverzeichnis
●	En commandant les bourrelets, spécifier la longueur nécessaire	●	Bei bestellung der dichtungsstreifen die erforderliche länge angeben
§	Non vendu separement	§	Nicht einzeln Lieferbar
†	Non represente	†	Nicht Abgebildet
□	Utilisé sur	□	Findet Verwendung für
■	Non utilisé	■	Nicht Zerwendet
‡	Suivant besoin	‡	Stuckzahl Angeben
*	Standard	*	Standard
☒	En Option	☒	Sonderausstattung
→	A	→	Bis
& →	Et Suivants	& →	Und Fortlaufend

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**SIMBOLOS**

**SIMBOLOS**

○	Veja indice	○	Véase indice
●	No casa de um pedido de sitas de vedação especificar comprimentos necessarios	●	Al pedir los bulletes, espeifique la longitud necesaria
§	Não e vendida separadamente	§	No vendida separadamente
†	Não ilustrado	†	No ilustrado
□	Utilizar el	□	Utilizar el
■	Não usado em	■	No utilizada
‡	Conforme necessario	‡	Segun necesidad
*	Standard	*	Standard
☒	Opcional	☒	Opcional
→	Até	→	Haste
& →	E Subsequentes	& →	Y Subsiguientes

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# ABBREVIATIONS

alt.....	alternator	inc.....	includes
assy.....	assembly	inst.....	instrument
aux.....	auxiliary	int.....	internal
batty.....	battery	LH.....	left hand
blk.....	black	ld.....	load
brg.....	bearing	mech.....	mechanism
carr.....	carrier	mm.....	millimeters
chk.....	check	mtg.....	mounting
cble.....	cable	opt.....	optional
cm.....	centimeter	overid.....	overload
comprsr.....	compressor	pin.....	pinion
conv.....	converter	press.....	pressure
crdle.....	cradle	prop.....	propeller
Cum.....	Cummins	psi.....	pounds per square inch
cyl.....	cylinder	RH.....	right hand
diff.....	differential	RD.....	rear drive
emgcy.....	emergency	RFM.....	Ranger Field Modification
eng.....	engine	RSG.....	Ranger Service Gram
ext.....	extension	rops.....	Roll over Protection
F.....	front	.....	structure
FD.....	front drive	ref.....	reference
ftg.....	fitting	relf.....	relief
fwd.....	Forwarder	rif.....	relief
GM.....	General Motors	S/N.....	serial number
gr.....	Grapple	swb.....	swamp buggy
harn.....	harness	supr'sn.....	suppression
hd.....	head	T.....	turbo
hd.....	heavy duty	temp.....	temperature
hsg.....	housing	trans.....	transmission
hyd.....	hydraulic	vlv.....	valve
hyd brk & valv assy.....	hydraulic brake & valve assembly	wt.....	wide tract

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## ABBREVIATIONS

adm.....	admission	inf.....	inferieur
arb.....	arbre	int.....	interieur
AR.....	arriere	intér.....	interruption
art.....	articulé	jge.....	jauge
ass.....	assemblage	jnt.....	joint
AV.....	avant	lev.....	levier
btn.....	bouton	lubr.....	lubrification
C.....	central	lum.....	lumiere
carb.....	carburant	mot.....	moteur
CD.....	côté droit	pc.....	pièce
CG.....	côté gauche	pres.....	presión
contr.....	contrôle	rech.....	rechange
conv.....	convertisseur	réd.....	réduction
couv.....	couvercle	refroid.....	refroidisseur
déc.....	décalcamanie	rég.....	régulateur
déch.....	décharge	renf.....	renford
dém.....	démarreur	rèp.....	réparation
diff.....	differential	rés.....	réservoir
direct.....	direction	RFM.....	Modification sur Place Ranger
disj.....	disjonteur	roul.....	roulement
élé.....	élément	sec.....	section
embr.....	embrayage	sens.....	sensible
engr.....	engrenage	soi.....	solenóide
ens.....	ensemble	soup.....	soupape
étan.....	étancheite	temp.....	temperature
ext.....	exterieur	trs.....	trousse
filt.....	filtre	univ.....	universel
hyd.....	hydraulique	vibr.....	vibrations
inc.....	inclus	vit.....	vitesse

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# ABKÜRZUNGEN

Abfl .....	Abfluss	L .....	Links
Abschn .....	Abschnitt	Lrfl .....	Leerlauf
Abz .....	Abziehbild	Mess .....	Messer
Akkum .....	Akkumulator	R .....	Rechts
Alter .....	Alternator	Repsatz .....	Reparatursatz
Ant .....	Antriebs	RFM .....	nderung an Ort U Stelle Ranger
Anz .....	Anzeige	Schau .....	Schaufel
Ausl .....	Ausleger	Scheibwis .....	Scheibenwischer
B .....	Beschrift	Schm .....	Schmierung
Batt .....	Batterie	Sich Auto .....	Sicherungsautomat
Befest .....	Befestigung	Sicherhgurt .....	Sicherheitsgurt
Dicht .....	Dichtung	Stromkrunterbrecher .....	Stromkreisunterbrecher
Diff .....	Differential	Temp .....	Temperatur
Drehwand .....	Drehmomentwandler	Tr .....	Trager
Einh .....	Einheit	Trak .....	Traktor
E-z .....	Einsatz	Treibrnm .....	Treibriemen
Geh .....	Gehuse	Trom .....	Trommel
Ges .....	Geschwindigkeit	Univ .....	Unversal
Getr .....	Getriebe	V .....	Vorne
H .....	Hinten	Vent .....	Ventilator
Hltrg .....	Halterung	Verbdg .....	Verbindung
Hyd .....	Hydraulik	Vntl .....	Ventil
Komp .....	Kompressor	Voil/Vollst .....	Vollständig
Kontr .....	Kontrolle	Vorr .....	Vorrichtung
Konv .....	Konverter	Wand .....	Wandier
Kppl .....	Kupplung	Wnkl .....	Winkel
Krftst .....	Kraftstoff	Zu .....	Zufluss
		Zug .....	Zugmaschine
		Zyl .....	Zylinder

# ABREVIATURAS

access	accessrio	indic	indicador
acopl	acoplimento	inf	inferior
adapt	adaptador	inst	instrumentos
aglom	aglomerao	int	interior
alim	alimentao	inter	interruptor
aloj	alojamento	jgo	jgo
alter	alternador	LD	lado direito
amort	amortecedor	LE	lado esquerdo
arr	arruela	limp	limpador
artil	articulao	lubr	lubrificao
asp	aspirao	manôm	manmetro
bat	bateria	med	medidor
bxo	baixo	mot	motor
calib	calibre	pá-br	pra-brisas
carr	carregador	paraf	parafuso
cent	central	pres	presso
chav	chaveta	prot	proteo
cil	cilindro	rad	radiador
comb	combustvel	refor	reforcador
comp	compressor	reg	regulador
condic	condicionador	rep	reparo
conj/cj	conjunto	resp	respirador
contr	controle	revs	reservatrio
conv	conversor	RFM	Modificao Do Campo Ranger
corr	corrente	rolam	rolamento
crr	correia	seq	seo
cx	caixa	segur	segurana
dec	decalcomania	sens	sensitiva
desc	descarga	sol	solenide
desliz	deslizante	sold	soldagem
Di	dianteiro	suc	suco
dif	diferencial	sup	superior
direç	direco	supt	suporte
disj	disjuntor	tamb	tambor
el	elemento	temp	temperatura
embr	embreagem	term	termmetro
emerg	emergncia	TR	traseiro
engr	engrenagem	trans	transmisso
equip	equipamento	unid	unidade
esf	esfrico	univ	universal
estac	estacionamento	válv	vlvula
et	etiqueta	ved	vedador
ext	exterior	veic	veculo
ferra	ferramenta	vel	velocidad
filt	filtro	vent	ventilador
hid	hidrulico	vibr	vibrao
inc	incluido		

# ABREVIATURAS

ac .....	aceite	inc .....	incluyo
acces .....	accessorio	ind .....	indicador
acondic .....	acondicionador	inf .....	inferior
acopi .....	acoplamiento	inst .....	instrumentos
acum .....	acumulador	int .....	interior
adapt .....	adaptador	inter .....	interruptor
alim .....	alimentacn	jgo .....	juego
alm .....	almohadilla	LD .....	lado derecho
aloj .....	alojamiento	LI .....	lado izquierdo
alter .....	alternador	limp .....	limpiador
amort .....	amortiguador	lubr .....	lubrificacin
aran .....	arandela	manóm .....	manmetro
rb .....	rbol	med .....	medidor
arti .....	articulacn	parb .....	parabrisas
asp .....	aspiracn	pescf .....	pescante
bat .....	batera	planet .....	planetario
cal .....	calcomana	port .....	portador
chav .....	chaveta	pres .....	presiñ
cil .....	cilindro	prot .....	protector
coj .....	cojinete	rad .....	radiador
comb .....	combustible	rec .....	recambio
con/cj .....	conjunto	reg .....	regulador
contr .....	control	rep .....	reparo
conv .....	convertidor	res .....	resorte
corr .....	correa	resp .....	respirador
crist .....	cristales	RFM .....	Modificacin De Terreno Ranger
crr .....	corredera	rod .....	rodamiento
cub .....	cubierta	sec .....	seccin
cuch .....	cucharn	segur .....	seguridad
DE .....	delantero	sens .....	sensora
dep .....	depsito	sol .....	solenide
desc .....	descarga	sold .....	soldadura
direc .....	direccin	sop .....	soporte
disp .....	dispositivo	suc .....	succin
disy .....	disyuntor	sup .....	superior
el .....	elemento	tamb .....	tambor
embr .....	embregue	temp .....	temperatura
emerg .....	emergencia	termó .....	termmetro
empaqa .....	empaquetadura	TR .....	trasero
engr .....	engrenaje	trans .....	transmissin
env .....	envolvente	unid .....	unidad
esf .....	esfrico	univ .....	universal
estac .....	estacionamiento	viv .....	vivula
et .....	etiqueta	vei .....	velocidad
ext .....	exterior	vent .....	ventilador
filt .....	filtro	vibr .....	vibrao
herra .....	herramientas		
hid .....	hidrulico		

**INTENTIONALLY BLANK**

## ALPHABETICAL INDEX

### A

ACCELERATOR & LINKAGE .....	D 1 30300
.....	D 1 30600
AIR CLEANER .....	A 1 26000
AIR CLEANER MUFFLER & MOUNTING .....	A 1 20780
.....	A 1 20800
.....	A 1 21440
ALTERNATOR BELT .....	J 1 20000
ARCH & GRAPPLE & BOOM & MOTOR HEAD CONTROLS .....	A 10 30170
.....	A 10 30175
ARCH & GRAPPLE & BOOM & MOTOR VALVE .....	E 2 30630
.....	E 2 30980
ARCH & GRAPPLE & MOTOR HYDRAULICS .....	A 10 14100
.....	A 10 16300
.....	A 10 16400
ARCH & GRAPPLE CONTROLS .....	A 10 20200
ARCH ASSEMBLY .....	B 5 10080
.....	B 5 10090
ARCH CYLINDER ASSEMBLY .....	E 1 12080
AUTOMATIC GRIP CONTROL ASSEMBLY .....	E 2 45000
AUTOMATIC GRIP CONTROL HYDRAULICS .....	A 10 17100
AUTOMATIC GRIP CONTROL SELECTOR VALVE - ON/OFF .....	E 2 45100
AXLE & CRADLE MOUNTING .....	B 1 15800
AXLE ASSEMBLY, FRONT-19640 .....	A 4 11725
AXLE ASSEMBLY, FRONT-17620 .....	A 4 11600
.....	A 4 11650
AXLE ASSEMBLY, FRONT-19640 .....	A 4 11090
.....	A 4 11625
AXLE ASSEMBLY, REAR-19640 .....	A 4 21430
.....	A 4 21450
AXLE CRADLE & MOUNTING .....	B 1 15360
AXLE MOUNTING, REAR .....	B 1 23350

### B

BATTERY & BATTERY MOUNT .....	F 1 10220
.....	F 1 11300
BLADE & MOUNTING .....	B 3 10030
BOOM ASSEMBLY .....	B 7 10070
.....	B 7 10090
BOOM CYLINDER ASSEMBLY .....	E 1 14050
BRAKE, SECONDARY .....	A 7 35000
BRAKE, TRANSMISSION HYDRAULIC .....	A 3 30300
BUTTONS .....	F 2 95050

### C

CANOPY ☒ .....	F 2 10210
CANOPY .....	F 2 10250
.....	F 2 11150
CLIPS .....	F 2 95000
CLUTCH ASSEMBLY .....	A 3 30500
.....	A 3 30575
CLUTCH ASSEMBLY, FORWARD & SECOND .....	A 3 31100
CLUTCH ASSEMBLY, HIGH .....	A 3 31000
CLUTCH ASSEMBLY, LOW .....	A 3 33000
.....	A 3 33150
CLUTCH ASSEMBLY, REVERSE & THIRD .....	A 3 32000
.....	A 3 32100
CONTROL VALVE - STEER, BLADE, ARCH, GRAPPLE & MOTOR .....	E 2 32050
CONTROL VALVE-ARCH & GRAPPLE & BOOM & MOTOR .....	E 2 30980
CONTROL VALVE-ARCH, GRAPPLE & MOTOR HEAD .....	E 2 30630
CONTROL VALVE-STEER & BLADE .....	E 2 30260
CONTROL VALVE-STEER, BLADE, ARCH, GRAPPLE, BOOM & MOTOR HEAD .....	E 2 33000
CONTROL VALVE, STEER & BLADE .....	E 2 30410
CONTROL VALVE, TRANSMISSION .....	A 3 34200
.....	A 3 34250
CONTROL VALVE, WINCH .....	A 6 15150
.....	A 6 15200
CONTROLS-ARCH & GRAPPLE .....	A 10 20200

CONTROLS-ARCH, GRAPPLE & MOTOR HEAD .....	A 10 30195
CONTROLS, ARCH, GRAPPLE, BOOM & MOTOR HEAD .....	A 10 30175
CONTROLS, PARKING BRAKE .....	A 7 29500
CONTROLS, SERVICE BRAKE .....	A 7 20400
CONTROLS, STEER & BLADE .....	A 9 20700
.....	A 9 22500
CONTROLS, THROTTLE .....	D 1 30300
CONTROLS, TRANSMISSION .....	A 3 36600
.....	A 3 36700
CONVERTER ASSEMBLY .....	A 2 10300
.....	A 2 10350
.....	A 2 10450
COOLING SYSTEM .....	A 1 10410
.....	A 1 10420
.....	A 1 11900
CYLINDER ASSEMBLY, ARCH .....	E 1 12080
CYLINDER ASSEMBLY, LOG GRAPPLE 70IN-1778,0 MM .....	E 1 13020
CYLINDER ASSEMBLY, LOG GRAPPLE-105 IN .....	E 1 13030
.....	E 1 13070
CYLINDER ASSEMBLY, STEER & BLADE .....	E 1 10150
CYLINDER, BOOM .....	E 1 14050

### D

DECALS .....	F 2 60450
DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-19630 & 19640 .....	A 4 15900
DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17620 .....	A 4 16450
DIFFERENTIAL & CARRIER ASSEMBLY, FRONT .....	A 4 16500
DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-19640 .....	A 4 16575
DIFFERENTIAL & CARRIER ASSEMBLY, REAR-19640 .....	A 4 21800
.....	A 4 26050
.....	A 4 26150
DOOR ASSEMBLY ☒ .....	F 2 32100

### E

ELECTRICAL SYSTEM .....	F 2 52000
.....	F 2 52050
EMERGENCY STEERING ☒ .....	A 9 13300
.....	A 9 13400
EMERGENCY STEERING CONTROL VALVE .....	E 2 46000
ENGINE FILTERS .....	J 1 50000
ENGINE MOUNTINGS .....	A 1 15310
.....	A 1 15320
.....	A 1 16650
EXHAUST SYSTEM .....	A 1 20780
.....	A 1 20800

### F

FAIRLEAD & MOUNTING ☒ .....	B 2 10005
FAN BELT CHART .....	J 1 10000
FILTER, ENGINE .....	J 1 50000
FIRE EXTINGUISHER .....	F 2 80050
FIREWALL ASSEMBLY .....	B 4 11300
FLOORBOARD & SEAT SUPPORT .....	C 1 10090
.....	C 1 10100
FRAME, REAR .....	B 1 21100
.....	B 1 21500
.....	B 1 21550
.....	B 1 21600
FRONT AXLE ASSEMBLY .....	A 4 11090
.....	A 4 11600
.....	A 4 11625
.....	A 4 11650
.....	A 4 11725

## ALPHABETICAL INDEX (cont.)

### F

FRONT DIFFERENTIAL & CARRIER ASSEMBLY	A 4 15900
	A 4 16450
	A 4 16500
	A 4 16575
FRONT FRAME	B 1 10600
	B 1 10650
FUEL TANK & LINES	D 1 10130
	D 1 11700
	D 1 11900
	D 1 11980

### G

GRAPPLE ASSEMBLY-105 IN -2,68 M	B 6 10050
	B 6 10060
GRAPPLE ASSEMBLY-70 IN -1,79 MM	B 6 10015
	B 6 10017
GRAPPLE CONTROLS	A 10 30170
GRAPPLE CYLINDER ASSEMBLY 70 IN-1,79M	E 1 13020
GRAPPLE CYLINDER ASSEMBLY 105 IN-3200,4 MM	E 1 13030
	E 1 13070
GRAPPLE ROTATING HEAD ASSEMBLY	E 2 70060
	E 2 70070
	E 2 70150
	E 2 70200
GREASE LINES	B 1 18600
	B 1 18800

### H

HEATER ASSEMBLY ☒	F 2 93250
HYDRAULIC BRAKE, TRANSMISSION	A 3 30300
HYDRAULIC SYSTEM, TRANSMISSION & TORQUE CONVERTER	A 8 10070
	A 8 10080
	A 8 11600
HYDRAULIC TANK ASSEMBLY	A 9 16500
HYDRAULICS-ARCH, GRAPPLE & MOTOR	A 10 16300
HYDRAULICS-ARCH, GRAPPLE, BOOM & MOTOR	A 10 14100
HYDRAULICS, ARCH, GRAPPLE, BOOM & MOTOR	A 10 15070
HYDRAULICS, ARCH, GRAPPLE & MOTOR	A 10 16400
HYDRAULICS, STEER & BLADE	A 9 10120
	A 9 11200

### I

INSTRUMENT PANEL	F 1 21000
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### L

LIGHTS ☒	F 2 90530
	F 2 90875

### M

MASTER CYLINDER	A 7 20400
	A 7 30300
MUFFLER	A 1 20780
	A 1 20800

### P

PARKING BRAKE CONTROLS	A 7 29500
PILLOW BLOCK	A 4 90200
PLANET CARRIER ASSEMBLY-17620	A 4 30625
PLANET CARRIER ASSEMBLY-17620 & 17800	A 4 30115
PLANET CARRIER ASSEMBLY-17630, 19600, 19640, 19650 & 33600	A 4 30300
PRE-CLEANER ☒	A 1 28025
PROPELLER SHAFT ASSEMBLY TRANSMISSION/WINCH	A 5 20300

PROPELLER SHAFT ASSEMBLY-TRANSMISSION/ CONVERTER	A 5 10280
PROPELLER SHAFT ASSEMBLY-TRANSMISSION/WINCH	A 5 20250
	A 5 20275
PROPELLER SHAFT ASSEMBLY-TRANSMISSION-FRONT AXLE	A 5 30200
PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT	A 5 40350
	A 5 40375
PROPELLER SHAFT ASSEMBLY-TRANSMISSION/MID-MOUNT	A 5 50300
PROPELLER SHAFT ASSEMBLY-TRANSMISSION/PILLOW BLOCK	A 5 60000
	A 5 60250
PROPELLER SHAFT ASSEMBLY, TRANSMISSION/ CONVERTER	A 5 10500
PROPELLER SHAFT ASSEMBLY, TRANSMISSION-FRONT AXLE	A 5 30425
PROPELLER SHAFT ASSEMBLY, REAR AXLE INPUT	A 5 40360
PROPELLER SHAFT ASSEMBLY, TRANSMISSION/MID-MOUNT	A 5 50325
PUMP	A 9 10120
PUMP & MOTOR ASSEMBLY ☒	E 2 20050
PUMP, MAIN	A 9 11200

### R

RADIATOR & CONNECTIONS	A 1 10410
	A 1 10420
	A 1 11900
RADIATOR ASSEMBLY	A 1 12300
	A 1 12625
	A 1 12700
REAR AXLE ASSEMBLY	A 4 21430
REAR AXLE MOUNTING	B 1 23350
REAR DIFFERENTIAL & CARRIER ASSEMBLY	A 4 21800
	A 4 26050
	A 4 26150
REAR FRAME & MOUNTING	B 1 21100
	B 1 21500
	B 1 21550
	B 1 21600
	B 1 21650
REGULATOR VALVE	A 2 25050
RIM ASSEMBLY 18.4 X 34	F 2 98220
RIM ASSEMBLY 18.4 X 34 TIRES	F 2 97850
RIM ASSEMBLY 23.1 X 26 TIRES	F 2 97630
RIM ASSEMBLY 23.1 X 26	F 2 98210
RIM ASSEMBLY 24.5 X 32 TIRES	F 2 97620
RIM ASSEMBLY 28.1 X 26 TIRES	F 2 97610
	F 2 98200
RIM ASSEMBLY 67 X 34 X 25 TIRES	F 2 97900
ROTATING HEAD ASSEMBLY	E 2 70060
	E 2 70070

### S

SEAT ASSEMBLY	F 2 40350
SECONDARY BRAKE ASSEMBLY ☒	A 7 35000
SECONDARY BRAKE CONTROLS ☒	A 7 30300
SERVICE BRAKE CONTROLS	A 7 20400
STEER & BLADE CONTROLS	A 9 20700
	A 9 22500
STEER & BLADE CYLINDER ASSEMBLY	E 1 10150
STEER & BLADE HYDRAULICS	A 9 10120
	A 9 11200

## ALPHABETICAL INDEX (cont.)

### T

THROTTLE CONTROLS .....	D 1 30300
.....	D 1 30600
TORQUE CONVERTER ASSEMBLY .....	A 2 10300
.....	A 2 10350
TRANSMISSION & CONVERTER HYDRAULICS .....	A 8 10070
.....	A 8 10080
TRANSMISSION ASSEMBLY-28000 .....	A 3 30150
.....	A 3 30250
.....	A 3 30255
TRANSMISSION CLUTCH ASSEMBLY .....	A 3 30500
.....	A 3 30575
.....	A 3 30650
TRANSMISSION CLUTCH ASSEMBLY-FORWARD & SECOND .....	A 3 31000
TRANSMISSION CLUTCH ASSEMBLY, FORWARD & SECOND ..	A 3 31100
TRANSMISSION CLUTCH ASSEMBLY-REVERSE & THIRD .....	A 3 32000
TRANSMISSION CLUTCH ASSEMBLY, REVERSE & THIRD .....	A 3 32100
TRANSMISSION CLUTCH ASSEMBLY-LOW .....	A 3 33000
TRANSMISSION CLUTCH ASSEMBLY, LOW .....	A 3 33150
TRANSMISSION CONTROL VALVE .....	A 3 34200
.....	A 3 34250
TRANSMISSION CONTROLS .....	A 3 36600
.....	A 3 36700
TRANSMISSION HYDRAULIC BRAKE .....	A 3 30300
TRANSMISSION MOUNTING .....	A 3 35110
.....	A 3 35400

### V

VALVE, ARCH & GRAPPLE & BOOM & MOTOR .....	E 2 30630
.....	E 2 30980
VALVE, REGULATOR .....	A 2 25050
VALVE, SELECTOR .....	E 2 45100
VALVE, STEER & BLADE .....	E 2 30260
.....	E 2 30410
VALVE, TRANSMISSION CONTROL .....	A 3 34200

### W

WHEEL RIMS .....	F 2 98200
.....	F 2 98210
.....	F 2 98220
WINCH CONTROL VALVE ASSEMBLY .....	A 6 15150
.....	A 6 15200
WINCH CONTROLS & HYDRAULICS .....	A 6 11425
WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT ..	A 6 24200
WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT	
WITH DROP GEAR .....	A 6 24210
WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-311-1 .....	A 6 23050
WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-310-1 .....	A 6 23300
WINDSHIELD WIPER KIT ☒ .....	F 2 94550

## TABLE DES MATIÈRES

### A

ACCÉLÉRATEUR & TRINGLERIE .....	D 1 30300
.....	D 1 30600
ARBRE D'ENTRAÎNEMENT-TRANSMISSION/CONVERTISSEUR ENSEMBLE .....	A 5 10280
ARBRE D'ENTRAÎNEMENT, TRANSMISSION/CONVERTISSEUR, ENSEMBLE .....	A 5 10500
ARCHE & GRAPPIN, COMMANDES .....	A 10 20200
ASSEMBLAGE D'ARCHE .....	B 5 10080
.....	B 5 10090
ASSEMBLAGE DE LA JANTE 28.1 X 26 .....	F 2 98200
ASSEMBLAGE DE LA JANTE 23.1 X 26 .....	F 2 98210
ASSEMBLAGE DE LA JANTE 18.4 X 34 .....	F 2 98220
ASSEMBLAGE DE LA JANTE 18.4 X 34 PNEUMATIQUE .....	F 2 97850
ASSEMBLAGE DE LA JANTE 23.1 X 26 .....	F 2 97630
ASSEMBLAGE DE LA JANTE 24.5 X 32 .....	F 2 97620
ASSEMBLAGE DE LA JANTE 28.1 X 26 .....	F 2 97610
ASSEMBLAGE DE LA JANTE 67 X 34 X 25 PNEUMATIQUE .....	F 2 97900
ASSEMBLAGE DU RÉSERVOIR HYDRAULIQUE .....	A 9 16500
ASSEMBLAGE ESSIEU & BERCEAU .....	B 1 15360
.....	B 1 15800

### B

BATTERIE & FIXATION DE BATTERIE .....	F 1 10220
.....	F 1 11300
BLOC COUSSIN .....	A 4 90200
BOUTONS .....	F 2 95050

### C

CHÂSSIS ARRIÈRE & MONTAGE .....	B 1 21100
.....	B 1 21500
.....	B 1 21550
.....	B 1 21600
.....	B 1 21650
CHÂSSIS AVANT .....	B 1 10600
CHÂSSIS, ARRIÈRE .....	B 1 21550
CHÂSSIS, AVANT .....	B 1 10650
CHAUFFAGE ENSEMBLE ☒ .....	F 2 93250
CIRCUIT HYDRAULIQUE DE BOÎTE DE VITESSES .....	A 8 10070
.....	A 8 10080
CIRCUIT HYDRAULIQUE-ARCHE, GRAPPIN, FLÈCHE & MOTEUR .....	A 10 14100
CIRCUIT HYDRAULIQUE, ARCHE, GRAPPIN, FLÈCHE & MOTEUR .....	A 10 15070
CIRCUIT HYDRAULIQUE, DIRECTION & LAME .....	A 9 11200
CIRCUITS DE GRAISSAGE .....	B 1 18600
.....	B 1 18800
CLOISON PARE-FEU .....	B 4 11300
COMMANDE DE FREIN SECONDAIRE ☒ .....	A 7 30300
COMMANDES D'ACCÉLÉRATION .....	D 1 30300
.....	D 1 30600
COMMANDES DE FREIN DE STATIONNEMENT .....	A 7 29500
COMMANDES DE LA TRANSMISSION .....	A 3 36600
.....	A 3 36700
COMMANDES DE TREUIL & D'HYDRAULIQUE .....	A 6 11425
COMMANDES DES GAZ .....	D 1 30300
COMMANDES-ARC, GRAPPIN & TÊTE DE MOTEUR .....	A 10 30195
COMMANDES, ARCHE, FLÈCHE DE GRAPPIN & TÊTE DE MOTEUR .....	A 10 30170
.....	A 10 30175
.....	A 10 30175
COMMANDES, BOÎTE DE VITESSES .....	A 3 36600
.....	A 3 36700
COMMANDES, DIRECTION & LAME .....	A 9 22500
COMMANDES, FREIN À SERVICE .....	A 7 20400
CONTRÔLE DU FREIN DE SERVICE .....	A 7 20400
CONTRÔLES DE GUIDAGE & DE LAME .....	A 9 20700
.....	A 9 22500

CONTRÔLES-ARCHE & GRAPPIN .....	A 10 20200
CONVERTISSEUR, ENSEMBLE .....	A 2 10300
.....	A 2 10350
.....	A 2 10450

### D

DAIS ☒ .....	F 2 10210
DAIS .....	F 2 10250
.....	F 2 11150
DÉCALQUES .....	F 2 60450
DIFFÉRENTIEL ARRIÈRE & ENSEMBLE PORTEUR .....	A 4 21800
.....	A 4 26050
.....	A 4 26150
DIFFÉRENTIEL AVANT & ENSEMBLE PORTEUR .....	A 4 15900
.....	A 4 16450
.....	A 4 16500
.....	A 4 16575
DIRECTION DE SECOURS ☒ .....	A 9 13300
.....	A 9 13400

### E

EMBRAYAGE DE LA TRANSMISSION, MARCH AVANT & 2E VITESSE .....	A 3 31000
.....	A 3 31100
EMBRAYAGE DE LA TRANSMISSION, MARCHÉ ARRIÈRE & TROISIÈME .....	A 3 32000
.....	A 3 32100
EMBRAYAGE DE LA TRANSMISSION, LENTE .....	A 3 33000
.....	A 3 33150
EMBRAYAGE, ENSEMBLE .....	A 3 30500
.....	A 3 30575
ENSEMBLE ARBRE CARDAN-TRANSMISSION-PONT AVANT .....	A 5 30200
ENSEMBLE ARBRE CARDAN, TRANSMISSION-PONT AVANT .....	A 5 30425
ENSEMBLE ARBRE DE PROPULSION, TRANSMISSION/ MONTAGE CENTRAL .....	A 5 50325
ENSEMBLE CONVERTISSEUR DE COUPLE .....	A 2 10300
.....	A 2 10350
ENSEMBLE CYLINDRE, DIRECTION & LAME .....	E 1 10150
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL .....	A 5 20250
.....	A 5 20275
.....	A 5 20300
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-ESSIEUX ARRIÈRE .....	A 5 40350
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT, ESSIEUX ARRIÈRE .....	A 5 40360
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-ESSIEUX ARRIÈRE .....	A 5 40375
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/MONTAGE CENTRAL .....	A 5 50300
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/PALIER .....	A 5 60000
.....	A 5 60250
ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE .....	A 3 30500
.....	A 3 30575
.....	A 3 30650
ENSEMBLE DE CONTRÔLE AUTOMATIQUE DE LA POIGNÉE .....	E 2 45000
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN .....	E 2 70060
ENSEMBLE DE CULASSE ROTATIVE .....	E 2 70060
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN .....	E 2 70070
ENSEMBLE DE CULASSE ROTATIVE .....	E 2 70070
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN .....	E 2 70150
.....	E 2 70200
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-19630 & 19640 .....	A 4 15900
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17620 .....	A 4 16450
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT .....	A 4 16500
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-19640 .....	A 4 16575
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, ARRIÈRE-19640 .....	A 4 21800

## TABLE DES MATIÈRES

## E

ENSEMBLE DE GRAPPIN-105 IN -2,68 M	B 6 10050
.....	B 6 10060
ENSEMBLE DE GRAPPIN-70 IN -1,79 MM	B 6 10015
.....	B 6 10017
ENSEMBLE DE POMPE & DE MOTEUR ☒	E 2 20050
ENSEMBLE DE RADIATEUR	A 1 12300
.....	A 1 12625
ENSEMBLE DE SOUPAPE DE CONTRÔLE DU TREUIL	A 6 15150
.....	A 6 15200
ENSEMBLE DE TRANSMISSION-28000	A 3 30150
.....	A 3 30250
.....	A 3 30255
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINENT, ARRIÈRE-19640	A 4 26150
ENSEMBLE DIFFÉRENTIEL-PALIER & COUSSINENT, ARRIÈRE-19640	A 4 26050
ENSEMBLE EMBRAYAGE, HAUT	A 3 31000
ENSEMBLE EMBRAYAGE, LENTE	A 3 33000
.....	A 3 33150
ENSEMBLE EMBRAYAGE, MARCHE AVANT & 2E VITESSE	A 3 31100
ENSEMBLE EMBRAYAGE, MARCHE ARRIÈRE ET 3E VITESSE	A 3 32000
ENSEMBLE EMBRAYAGE, MARCHE ARRIÈRE & 3E VITESSE	A 3 32100
ENSEMBLE ESSIEU ARRIÈRE	A 4 21430
ENSEMBLE ESSIEU AVANT	A 4 11090
.....	A 4 11600
.....	A 4 11625
.....	A 4 11650
.....	A 4 11725
ENSEMBLE FREIN SECONDAIRE ☒	A 7 35000
ENSEMBLE PORTE ☒	F 2 32100
ENSEMBLE VÉRIN D'ACCROCHAGE	E 1 13020
.....	E 1 13030
ENSEMBLE VÉRIN D'ACCROCHAGE 105 IN-3200,4 MM	E 1 13070
EPURATEUR D'AIR	A 1 26000
ESSIEU AR, ENSEMBLE-19640	A 4 21430
.....	A 4 21450
ESSIEU AV, ENSEMBLE-19640	A 4 11725
ESSIEU AV, ENSEMBLE-17620	A 4 11600
.....	A 4 11650
ESSIEU AV, ENSEMBLE-19640	A 4 11090
.....	A 4 11625
EXTINCTEUR À INCENDIE	F 2 80050

## F

FILTRE À AIR - SILENCIEUX & MONTAGE	A 1 20800
.....	A 1 21440
FILTRE À AIR-SILENCIEUX & MONTAGE	A 1 20780
FLÈCHE ENSEMBLE	B 7 10070
.....	B 7 10090
FLÈCHE, ENSEMBLE DU CYLINDRE	E 1 14050
FREIN HYDRAULIQUE, BOÎTE DE VITESSES	A 3 30300

## G

GRAPPIN COMMANDES	A 10 30170
GUIDE - CÂBLE & MONTAGE ☒	B 2 10005

## H

HYDRAULIQUES D'ARCHE, GRAPPIN & MOTEUR	A 10 14100
.....	A 10 16300
.....	A 10 16400
HYDRAULIQUES-ARCHE, GRAPPIN & MOTEUR	A 10 16300
HYDRAULIQUES, ARCHE, GRAPPIN & MOTEUR	A 10 16400

## J

JANTES DE ROUE	F 2 98200
.....	F 2 98210
.....	F 2 98220

## M

MATE CYLINDRE	A 7 20400
.....	A 7 30300
MONTAGE DE L'ESSIEU ARRIÈRE	B 1 23350
MONTAGE DE TRANSMISSION	A 3 35110
.....	A 3 35400
MONTURE D'ESSIEU, ARRIÈRE	B 1 23350

## P

PALE & MONTAGE	B 3 10030
PHARES ☒	F 2 90530
.....	F 2 90875
.....	F 2 95000
PINCES	C 1 10090
PLANCHER & SUPPORT DU SIÈGE	C 1 10100
POIGNÉE DE COMMANDE AUTOMATIQUE DES CIRCUITS HYDRAULIQUES	A 10 17100
POMPE	A 9 10120
POMPE PRINCIPAL	A 9 11200
PORTE PLANÉTAIRE ENSEMBLE FD & RD 17620 & 17800	A 4 30115
PORTE PLANÉTAIRE ENSEMBLE-17630, 19600, 19640, 19650 & 33600	A 4 30300
PORTE PLANÉTAIRE ENSEMBLE-17620	A 4 30625
PRÉ-NETTOYEUR ☒	A 1 28025

## R

RADIATEUR & CONNEXION	A 1 10410
.....	A 1 10420
.....	A 1 11900
RADIATEUR, ENSEMBLE	A 1 12700
RÉSERVOIR DE CARBURANT & CANALISATION	D 1 10130
.....	D 1 11700
.....	D 1 11900
.....	D 1 11980
ROULEAU D'ARC	E 1 12080

## S

SIÈGE, ENSEMBLE	F 2 40350
SILENCIEUX	A 1 20780
.....	A 1 20800
SOUPAPE ARCHE & GRAPPIN & FLÈCHE & MOTEUR	E 2 30630
.....	E 2 30980
SOUPAPE DE COMMANDE DE CONTRÔLE AUTOMATIQUE DE LA POIGNÉE - MARCH/ARRÊT	E 2 45100
SOUPAPE DE COMMANDE DE TRANSMISSION	A 3 34200
.....	A 3 34200
.....	A 3 34250
.....	A 3 34250
SOUPAPE DE CONTRÔLE-DIRECTION, LAME, ARC, GRAPPIN, FLÈCHE & TÊTE DE MOTEUR	E 2 33000
SOUPAPE DE CONTRÔLE - DIRECTION, LAME, ARC, GRAPPIN & MOTEUR	E 2 32050
SOUPAPE DE CONTRÔLE-ARCHE, GRAPPIN & MOTEUR	E 2 30630
SOUPAPE DE CONTRÔLE-ARCHE, FLÈCHE DE GRAPPIN & TÊTE DE MOTEUR	E 2 30980
SOUPAPE DE CONTRÔLE DE DIRECTION DE SECOURS	E 2 46000
SOUPAPE DE CONTRÔLE, LAME & DIRECTION	E 2 30260
.....	E 2 30410
SOUPAPE, COMMANDE DE BOÎTE DE VITESSE	A 3 34200
SOUPAPE, LAME & DIRECTION	E 2 30410

## TABLE DES MATIÈRES (cont.)

### S

SUPPORTS ÉLASTIQUE DU MOTEUR .....	A 1 15310
.....	A 1 15320
.....	A 1 16650
SYSTÈME D'ÉCHAPPEMENT .....	A 1 20780
.....	A 1 20800
SYSTÈME DE REFROIDISSEMENT .....	A 1 10410
.....	A 1 10420
.....	A 1 11900
SYSTÈME ELECTRIQUE .....	F 2 52000
.....	F 2 52050
SYSTÈME HYDRAULIQUE DE DIRECTION & DE PALE .....	A 9 10120
.....	A 9 11200
SYSTÈME HYDRAULIQUE, TRANSMISSION	
& CONVERTISSEUR .....	A 8 10070
.....	A 8 10080
.....	A 8 11600

### T

TABLEAU DE BORD .....	F 1 21000
TRANSMISSION FREIN HYDRA .....	A 3 30300
TREUIL-GROUPE D'EMBAYAGE D'ENTRÉE, D'AXE DU	
PIGNON ET GROUPE .....	A 6 24200
.....	A 6 24210
TREUIL, ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE	
CÂBLE & EMBRAYAGE WD-311-1 .....	A 6 23050
TREUIL, ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE	
CÂBLE & EMBRAYAGE WD-310-1 .....	A 6 23300
TROUSSE RACLEUR PARE-BRISE ☒ .....	F 2 94550

### V

VANNE RÉGULATRICE .....	A 2 25050
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## INHALTSVERZEICHNIS

### A

ABZIEHBILD .....	F 2 60450
ACHSE VOLLSTÄNDIG, HINTERRANDTRIEB-19640 .....	A 4 21430
.....	A 4 21450
ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB-19640 .....	A 4 11090
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-17620 .....	A 4 11600
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-19640 .....	A 4 11625
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-17620 .....	A 4 11650
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-19640 .....	A 4 11725
ACHSEN- & WIEGENBEFESTIGUNG .....	B 1 15360
.....	B 1 15800
ACHSENBEFESTIGUNG, HINTEN .....	B 1 23350
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE .....	A 5 20250
.....	A 5 20275
.....	A 5 20300
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/MITTELSTÜTZE .....	A 5 50300
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/LAGERBOCK .....	A 5 60000
.....	A 5 60250
AUSLEGERZYLINDER, VOLLSTÄNDIG .....	E 1 14050
AUSPUFFSYSTEM .....	A 1 20780
.....	A 1 20800
AUSPUFFTOPF .....	A 1 20780
.....	A 1 20800
AUTOMATISCHE GRIFFSTEUERUNG VOLLSTÄNDIG .....	E 2 45000

### B

BATTERIE & BATTERIEHALTERUNG .....	F 1 10220
.....	F 1 11300
BEDIENUNG DER STANDBREMSE .....	A 7 20400
BEDIENUNG-BOGEN, VERANKERUNG & MOTORKOPF .....	A 10 30195
BEDIENUNG, DROSSELVENTIL .....	D 1 30300
BEDIENUNG, GETRIEBE .....	A 3 36600
.....	A 3 36700
BEDIENUNGSELEMENT, BOGEN & GREIFERHUBARM & MOTORKOPF .....	A 10 30170
.....	A 10 30175
.....	A 10 30175
BEDIENUNGSELEMENTE, LENKUNG & SCHILD .....	A 9 22500
BESCHLEUNIGUNGS-FUSSHEBEL & GESTÄNGE .....	D 1 30300
BESCHLEUNIGUNGS, FUSSHEBEL & GESTÄNGE .....	D 1 30600
BETÄTIGUNG, SERVICE BREMSE .....	A 7 20400
BODENPLATTE & SITZSTUTZE .....	C 1 10090
.....	C 1 10100
BOGEN & GREIFER, BEDIENUNG .....	A 10 20200
BOGEN-, GREIFER- & MOTORHYDRAULIK .....	A 10 14100
.....	A 10 16300
.....	A 10 16400
BOGEN, BAUGRAPPE .....	E 1 12080
BOGENEINHEIT .....	B 5 10080
.....	B 5 10090
BRANDWAND-AUFBAU .....	B 4 11300

### D

DETREIBE HYDRAULIKBREMSE .....	A 3 30300
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-19630 & 19640 .....	A 4 15900
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17620 .....	A 4 16450
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE .....	A 4 16500
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-19640 .....	A 4 16575
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTER-19640 .....	A 4 21800
.....	A 4 26050
DIFFERENTIAL, HINTEN & TRÄGEREINHEIT .....	A 4 21800
.....	A 4 26050
DIFFERENTIAL, HINTEN UND TRÄGEREINHEIT .....	A 4 26150
DIFFERENTIAL, VORNE & TRÄGETEINHEIT .....	A 4 15900
.....	A 4 16450
.....	A 4 16500
.....	A 4 16575

DIFFERENTIALGETRIEBE & TRÄGERAUFBAU, HINTEN-19640 ..	A 4 26150
DREHKOPF VOLLSTÄNDIG .....	E 2 70060
.....	E 2 70070
DREHMOMENTWANDLER VOLLSTÄNDIG .....	A 2 10300
.....	A 2 10350
.....	A 2 10450
DREHMOMENTWANDLER-EINHEIT .....	A 2 10300
.....	A 2 10350
DROSSELSTEUERUNG .....	D 1 30300
.....	D 1 30600

### E

ELEKTRISCHE ANLAGE .....	F 2 52000
.....	F 2 52050

### F

FELGENEINHEIT 18.4 X 34 .....	F 2 98220
FELGENEINHEIT 23.1 X 26 .....	F 2 98210
FELGENEINHEIT 28.1 X 26 .....	F 2 98200
FELGENHEIT 18.4 X 34 REIFEN .....	F 2 97850
FELGENHEIT 23.1 X 26 .....	F 2 97630
FELGENHEIT 24.5 X 32 .....	F 2 97620
FELGENHEIT 28.1 X 26 .....	F 2 97610
FELGENHEIT 67 X 34 X 25 REIFEN .....	F 2 97900
FEUERLÖSCHER .....	F 2 80050
FÜHRUNGSROLLE & MONTAGE .....	B 2 10005

### G

GELENKWELLE VOLLSTÄNDIG-GETRIEBE/ DREHMOMENTWANDLER .....	A 5 10280
GELENKWELLE VOLLSTÄNDIG, GETRIEBE/ DREHMOMENTWANDLER .....	A 5 10500
GETRIEBE MONTAGE .....	A 3 35110
.....	A 3 35400
GETRIEBE- & DREHMOMENTWANDLERHYDRAULIK .....	A 8 10070
.....	A 8 10080
GETRIEBE-KUPPLUNGSBAUGRUPPE .....	A 3 30500
.....	A 3 30575
.....	A 3 30650
GETRIEBEKUPPLUNGSBRUPPE, VORWÄRTS & 2. GANG .....	A 3 31100
.....	A 3 31000
GETRIEBEKUPPLUNGSGRUPPE, RÜCKWÄRTS & DRITTE .....	A 3 32100
GETRIEBEKUPPLUNGSGRUPPE, LANGSAM .....	A 3 33000
.....	A 3 33150
GETRIEBEKUPPLUNGSGRUPPE,RÜCKWÄRTS & DRITTE .....	A 3 32000
GETRIEBEREGELVENTIL .....	A 3 34200
.....	A 3 34200
.....	A 3 34250
.....	A 3 34250
GETRIEBEREGLERDECKEL-28000 .....	A 3 30150
.....	A 3 30250
.....	A 3 30255
GETRIEBESCHALTHEBEL .....	A 3 36600
.....	A 3 36700
GREIFER-BAUGRUPPE-105 IN -2,68 M .....	B 6 10050
.....	B 6 10060
GREIFER-BAUGRUPPE-70 IN -1,79 MM .....	B 6 10015
.....	B 6 10017
GREIFERDREHKOPF VOLLSTÄNDIG .....	E 2 70060
.....	E 2 70070
.....	E 2 70150
.....	E 2 70200
GREIFERHUBARM BEDIENUNGSELEMENTE .....	A 10 30170
GREIFZYLINDER - AUFBAU .....	E 1 13020
.....	E 1 13030
GREIFZYLINDER - AUFBAU 105 IN-3200,4 MM .....	E 1 13070

## INHALTSVERZEICHNIS (forts)

### H

HAUPTZYLINDER .....	A 7 20400
.....	A 7 30300
HEIZUNG VOLLSTÄNDIG ☒ .....	F 2 93250
HINTERACHSEN-MONTAGE .....	B 1 23350
HINTERACHSENEINHEIT .....	A 4 21430
HINTERRAHMEN & MONTIERUNG .....	B 1 21100
.....	B 1 21500
.....	B 1 21550
.....	B 1 21600
.....	B 1 21650
HUBARM VOLLSTÄNDIG .....	B 7 10070
.....	B 7 10090
HYDRAULIK-BOGEN, GREIFER & MOTOR .....	A 10 16300
HYDRAULIK-BOGEN, GREIFER, HUBARM & MOTOR .....	A 10 14100
HYDRAULIK, BOGEN, GREIFER, HUBARM & MOTOR .....	A 10 15070
HYDRAULIK, BOGEN, GREIFER & MOTOR .....	A 10 16400
HYDRAULIK, STEUER & KLINGE .....	A 9 11200
HYDRAULIKANLAGE GETRIEBE & DREHMOMENTWANDLER .....	A 8 10070
.....	A 8 10080
.....	A 8 11600
HYDRAULIKANLAGE ZUR AUTOMATISCHEN GREIF-STEUERUNG .....	A 10 17100
HYDRAULIKBREMSE, GETRIEBE .....	A 3 30300
HYDRAULIKTANKEINHEIT .....	A 9 16500

### I

INSTRUMENTENBRETT .....	F 1 21000
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### K

KARDANWELLE VOLLST. GETRIEBE/MITTELSTÜTZE .....	A 5 50325
KARDANWELLE, VOLLSTÄNDIG-HINTERACHSEN .....	A 5 40350
.....	A 5 40375
KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN .....	A 5 40360
KLAMMERN .....	F 2 95000
KNOPF .....	F 2 95050
KRAFTSTOFFTANK & LEITUNGEN .....	D 1 10130
.....	D 1 11700
.....	D 1 11900
.....	D 1 11980
KÜHLER & VERBINDUNGEN .....	A 1 10410
.....	A 1 10420
.....	A 1 11900
KÜHLER VOLLSTÄNDIG .....	A 1 12300
.....	A 1 12625
KÜHLER, VOLLST .....	A 1 12700
KÜHLSYSTEM .....	A 1 10410
.....	A 1 10420
.....	A 1 11900
KUPPLUNG, HOCH .....	A 3 31000
KUPPLUNG, LANGSAM .....	A 3 33000
.....	A 3 33150
KUPPLUNG, RÜCKWÄRTS & 3. GANG .....	A 3 32100
KUPPLUNG, RÜCKWÄRTS UND 3. GANG .....	A 3 32000
KUPPLUNG, VOLLSTÄNDIG .....	A 3 30500
.....	A 3 30575
KUPPLUNG, VORWÄRTS & 2. GANG .....	A 3 31100

### L

LAGERBOCK .....	A 4 90200
LENK & BLATTSTEUERUNG .....	A 9 20700
.....	A 9 22500
LENK- & SCHILDHYDRAULIK .....	A 9 10120
.....	A 9 11200
LUFTFILTER .....	A 1 26000

LUFTFILTER - AUSPUFFÄMPFER & MONTAGE .....	A 1 20800
.....	A 1 21440
LUFTFILTER-AUSPUFFÄMPFER & MONTAGE .....	A 1 20780

### M

MOTORBEFESTIGUNGEN .....	A 1 15310
.....	A 1 15320
.....	A 1 16650

### N

NOTLENKUNG ☒ .....	A 9 13300
.....	A 9 13400
NOTLENKUNGSSTEUERVENTIL .....	E 2 46000

### P

PLANENTRÄGER VOLLST-17620 .....	A 4 30625
PLANENTRÄGER VOLLST FD & RD 17620 & 17800 .....	A 4 30115
PLANENTRÄGER VOLLST-17630, 19600, 19640, 19650 & 33600 ..	A 4 30300
PROPELLER WELLENAGGREGAT-ÜBERSETZUNG- VORDERACHSE .....	A 5 30200
PROPELLER WELLENAGGREGAT, ÜBERSETZUNG- VORDERACHSE .....	A 5 30425
PUMPE .....	A 9 10120
PUMPE, HAUPT .....	A 9 11200
PUMPEN & MOTOREN-BAUGRUPPE ☒ .....	E 2 20050

### R

RADFELGEN .....	F 2 98200
.....	F 2 98210
.....	F 2 98220
RAHMEN, HINTEN .....	B 1 21550
REGELVENTIL .....	A 2 25050

### S

SCHAUFEL & SCHAUFELMONTAGE .....	B 3 10030
SCHWEINWERFER-LEUCHTEN ☒ .....	F 2 90530
.....	F 2 90875
SCHMIERFETT-LEITUNGEN .....	B 1 18600
.....	B 1 18800
SCHUTZDACH ☒ .....	F 2 10210
SCHUTZDACH .....	F 2 10250
.....	F 2 11150
SEKUNDÄRBREMSBEDIENUNG ☒ .....	A 7 30300
SEKUNDÄRBREMSEINHEIT ☒ .....	A 7 35000
SITZ VOLLSTÄNDIG .....	F 2 40350
STANDBREMSENBEDIENUNGEN .....	A 7 29500
STEUERUNGEN-BOGEN & GREIFER .....	A 10 20200
STEUERVENTIL-BOGEN & GREIFERHUBARM & MOTORKOPF ..	E 2 30980
STEUERVENTIL-BOGEN, GREIFER & MOTOR .....	E 2 30630
STEUERVENTIL-STEUERUNG, BLATT, BOGEN, VERANKERUNG, BAUM & MOTORKOPF .....	E 2 33000
STEUERVENTIL, STEUER & KLINGE .....	E 2 30260
.....	E 2 30410
STEUERVENTILKOMBINATION DE WINDE .....	A 6 15150
.....	A 6 15200
STEUERVENTIL - STEUERUNG, BLATT, BOGEN, VERANKERUNG & MOTOR .....	E 2 32050

### T

TÜR VOLLSTÄNDIG ☒ .....	F 2 32100
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## INHALTSVERZEICHNIS (forts)

### V

VENTIL, BOGEN & GREIFER & HUBARM & MOTOR .....	E 2 30630
.....	E 2 30980
VENTIL, GETRIEBESTEUE- .....	A 3 34200
VENTIL, STEUER & KLINGE .....	E 2 30410
VORDERACHENEINHEIT .....	A 4 11090
.....	A 4 11600
.....	A 4 11625
.....	A 4 11650
.....	A 4 11725
VORDERRAHMEN .....	B 1 10600
.....	B 1 10650
VORREINIGER ☒ .....	A 1 28025

### W

WÄHLVENTIL DER AUTOMATISCHEN GRIFFSTEUERUNG - EIN/AUS .....	E 2 45100
----------------------------------------------------------------	-----------

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-311-1 .....	A 6 24200
WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-310-1 .....	A 6 24210
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-311-1 .....	A 6 23050
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-310-1 .....	A 6 23300
WINDEN- & HYDRAULIKBEDIENUNG .....	A 6 11425
WINDSCHUTZSCH SCHEIBENWISCHERSATZ ☒ .....	F 2 94550

### Z

ZYLINDEREINHEIT, STEUER & KLINGE .....	E 1 10150
----------------------------------------	-----------

## ÍNDICE ALFABÉTICO

### A

ACELERADOR & ARTICULAÇÃO .....	D 1 30300
AMORTECEDOR DO FILTRO DE AR & SUPORTE .....	D 1 30600
.....	A 1 20780
.....	A 1 20800
.....	A 1 21440
AQUEDOR CONJUNTO ☐	F 2 93250
ARCO, GARRA & MOTOR HIDRÁULICO .....	A 10 14100
.....	A 10 16300
.....	A 10 16400
ARMAÇÃO TRASEIRA & SUPORTE .....	B 1 21100
.....	B 1 21500
.....	B 1 21550
.....	B 1 21600
.....	B 1 21650
AROS DA RODA .....	F 2 98200
.....	F 2 98210
.....	F 2 98220
ASSENTO, CONJUNTO .....	F 2 40350

### B

BATERIA & MONTAGEM DA BATERIA .....	F 1 10220
.....	F 1 11300
BLOCO DE APOIO .....	A 4 90200
BOMBA .....	A 9 10120
BOMBA PRINCIPAL .....	A 9 11200
BOTÃO .....	F 2 95050
BRAÇO CONJUNTO .....	B 7 10070
.....	B 7 10090
BRAÇO, CONJUNTO DO CILINDRO .....	E 1 14050

### C

CHASSI DIANTEIRO .....	B 1 10600
.....	B 1 10650
CHASSI TRASEIRO .....	B 1 21550
CILINDRO MESTRE .....	A 7 20400
.....	A 7 30300
COMANDOS DA DIREÇÃO & LÂMINA .....	A 9 22500
CONJUNTO CONVERSOR DE TORQUE .....	A 2 10300
.....	A 2 10350
CONJUNTO DA EMBREAGEM, À FRENTE & 2A .....	A 3 31100
CONJUNTO DA EMBREAGEM, À RÉ E 3A .....	A 3 32000
CONJUNTO DA EMBREAGEM, À RÉ & 3A .....	A 3 32100
CONJUNTO DA EMBREAGEM, ALTA .....	A 3 31000
CONJUNTO DA EMBREAGEM, BAIXA .....	A 3 33000
.....	A 3 33150
CONJUNTO DA PORTA ☐	F 2 32100
CONJUNTO DA TRANSMISSÃO-28000 .....	A 3 30150
.....	A 3 30250
.....	A 3 30255
CONJUNTO DE ARCO .....	B 5 10080
.....	B 5 10090
.....	E 1 12080
CONJUNTO DE AROS 18.4 X 34 PNEUMÁTICO .....	F 2 97850
CONJUNTO DE AROS 18.4 X 34 .....	F 2 98220
CONJUNTO DE AROS 23.1 X 26 .....	F 2 97630
.....	F 2 98210
CONJUNTO DE AROS 24.5 X 32 .....	F 2 97620
CONJUNTO DE AROS 28.1 X 26 .....	F 2 97610
.....	F 2 98200
CONJUNTO DE AROS 67 X 34 X 25 PNEUMÁTICO .....	F 2 97900
CONJUNTO DE BOMBA & MOTOR ☐	E 2 20050
CONJUNTO DE CABEÇA ROTATIVA .....	E 2 70060
.....	E 2 70070
CONJUNTO DE CILINDRO, DIREÇÃO & LÂMINA .....	E 1 10150
CONJUNTO DE CONTROL DE PUNHO AUTOMÁTICO .....	E 2 45000
CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIORS .....	A 5 40350
CONJUNTO DE EIXO PROPULSOR, EIXOS TRASEIROS .....	A 5 40360

CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIORS .....	A 5 40375
CONJUNTO DE GARRA-105 IN -2,68 M .....	B 6 10050
.....	B 6 10060
CONJUNTO DE GARRA-70 IN -1,79 MM .....	B 6 10015
.....	B 6 10017
CONJUNTO DE GARRAS DE CABEÇA ROTATIVA .....	E 2 70060
.....	E 2 70070
.....	E 2 70150
.....	E 2 70200
CONJUNTO DE VALVULA DE CONTRÔLE DO GUINCHO .....	A 6 15150
.....	A 6 15200
CONJUNTO DO CILINDRO DA CAÇAMBA .....	E 1 13020
.....	E 1 13030
CONJUNTO DO CILINDRO DA CAÇAMBA 105 IN-3200,4 MM .....	E 1 13070
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17620 .....	A 4 16450
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO .....	A 4 16500
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-19640 .....	A 4 16575
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRO-19640 .....	A 4 21800
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-19640 .....	A 4 26050
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-19630 & 19640 .....	A 4 15900
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-19640 .....	A 4 26150
CONJUNTO DO EIXO DE HÉLICE, TRANSMISSÃO INTERPOSTA .....	A 5 50325
CONJUNTO DO EIXO DIANTEIRO .....	A 4 11090
.....	A 4 11600
.....	A 4 11625
.....	A 4 11650
.....	A 4 11725
CONJUNTO DO EIXO TRASEIRO .....	A 4 21430
CONJUNTO DO PARA-FOGO .....	B 4 11300
CONJUNTO DO RADIADOR .....	A 1 12300
.....	A 1 12625
.....	A 1 12700
CONJUNTO DO TANQUE HIDRÁULICO .....	A 9 16500
CONJUNTO EIXO DE PROPULSAO-TRANSMISSÃO/GUINCHO .....	A 5 20250
.....	A 5 20275
.....	A 5 20300
CONJUNTO EIXO DE PROPULSAO-TRANSMISSÃO/MONTANTE DO MEIO .....	A 5 50300
CONJUNTO EIXO DE PROPULSAO-TRANSMISSÃO/CHUMACEIRA .....	A 5 60000
.....	A 5 60250
CONJUNTO EMBREAGEM DA TRANSMISSÃO .....	A 3 30500
.....	A 3 30575
.....	A 3 30650
CONJUNTO HÉLICE EIXO-TRANSMISSÃO-EIXO FRENTE .....	A 5 30200
CONJUNTO HÉLICE EIXO, TRANSMISSÃO-EIXO FRENTE .....	A 5 30425
CONJUNTO PARA BRISA LIMPADOR ☐	F 2 94550
CONTROLE & HIDRÁULICO DO GUINCHO .....	A 6 11425
CONTROLE DE FREIO DE SERVIÇO .....	A 7 20400
CONTROLE DO FREIO DE ESTACIONAR .....	A 7 29500
CONTROLES DA TRANSMISSÃO .....	A 3 36600
.....	A 3 36700
CONTROLES DE DIREÇÃO & LÂMINA .....	A 9 20700
.....	A 9 22500
CONTROLES DO ARCO & GARRAS .....	A 10 20200
CONTROLES DO ESTRANGULADOR .....	D 1 30300
.....	D 1 30600
CONTROLES DO FREIO SECUNDÁRIO ☐	A 7 30300
CONTROLES FREIO DE SERVIÇO .....	A 7 20400
CONTROLES-ARCO & GARRA .....	A 10 20200
CONTROLES-ARCO, FATEIXA & CABECA DO MOTOR .....	A 10 30195
CONTROLES, AFOGADOR .....	D 1 30300

## INDICE ALFABÉTICO (cont.)

### C

CONTROLES, ARCO & GARRAS & BRACO & MOTOR	A 10 30170
.....	A 10 30175
.....	A 10 30175
CONTROLES, TRANSMISSÃO	A 3 36600
.....	A 3 36700
CONVERSOR DE TORQUE, CONJUNTO	A 2 10300
.....	A 2 10350
.....	A 2 10450

### D

DECALCOMANIAS	F 2 60450
DIFERENCIAL DIANTEIRO & CONJUNTO SUPORTE	A 4 15900
.....	A 4 16450
.....	A 4 16500
.....	A 4 16575
DIFERENCIAL TRASEIRO & CONJUNTO SUPORTE	A 4 21800
.....	A 4 26050
.....	A 4 26150
DIREÇÃO DE EMERGENCIA ☒	A 9 13300
.....	A 9 13400
DOSEL ☒	F 2 10210
DOSEL	F 2 10250
.....	F 2 11150

### E

EIXO DIANTEIRO, CONJUNTO-19640	A 4 11090
EIXO DIANTEIRO, CONJUNTO-17620	A 4 11600
EIXO DIANTEIRO, CONJUNTO-19640	A 4 11625
.....	A 4 11725
EIXO DIANTEIRO, CONJUNTO-17620	A 4 11650
EIXO PROPULSOR-TRANSMISSÃO/CONVERTIDOR, CONJUNTO	A 5 10280
EIXO PROPULSOR, TRANSMISSÃO/CONVERTIDOR, CONJUNTO	A 5 10500
EIXO TRASEIRO, CONJUNTO-19640	A 4 21430
.....	A 4 21450
EMBREAGEM DA TRANSMISSÃO - MARCHA A RE & TERCEIRA	A 3 32000
.....	A 3 32100
EMBREAGEM DA TRANSMISSÃO, BAIXA	A 3 33000
.....	A 3 33150
EMBREAGEM DE TRANSMISSÃO, À FRENTE & 2A	A 3 31000
.....	A 3 31100
EMBREAGEM, CONJUNTO	A 3 30500
.....	A 3 30575
EXTINTOR DE INCÊNDIO	F 2 80050

### F

FILTRO DE AR	A 1 26000
FILTRO PRIMÁRIO ☒	A 1 28025
FREIO CONJUNTO SECUNDÁRIO ☒	A 7 35000
FREIO HIDRÁULICO, TRANSMISSÃO	A 3 30300

### G

GARRAS CONTROLES	A 10 30170
GRAMPOS	F 2 95000
GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO	A 6 24200
.....	A 6 24210
GUINCHO, EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-311-1	A 6 23050
GUINCHO, EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-310-1	A 6 23300

### H

HIDRÁULICA COM CONTRÔLE DE CABO AUTOMÁTICO	A 10 17100
HIDRÁULICO-ARCO, GARRA & MOTOR	A 10 16300
HIDRÁULICO, ARCO, GARRA & MOTOR	A 10 16400
HIDRÁULICOS-ARCO, GARRA, BRAÇO & MOTOR	A 10 14100
HIDRÁULICOS, ARCO, GARRA, BRAÇO & MOTOR	A 10 15070
HIDRÁULICOS, DIREÇÃO & LÂMINA	A 9 11200

### L

LÂMINA & SUPORTE	B 3 10030
LUZES ☒	F 2 90530
.....	F 2 90875

### M

MONTAGEM DO EIXO & ARMAÇÃO	B 1 15360
MONTAGEM DO EIXO & ARMAÇÃO	B 1 15800
MONTAGEM DO EIXO, TRASEIRO	B 1 23350

### P

PAINEL DE INSTRUMENTOS	F 1 21000
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### R

RADIADOR & CONEXÕES	A 1 10410
.....	A 1 10420
.....	A 1 11900
RODA - GUIA & MONTAGEM ☒	B 2 10005

### S

SILENCIADOR	A 1 20780
.....	A 1 20800
SISTEMA DE ESCAPE	A 1 20780
.....	A 1 20800
SISTEMA ELECTRICO	F 2 52000
.....	F 2 52050
SISTEMA HIDRÁULICO DA DIREÇÃO & DA LÂMINA	A 9 10120
.....	A 9 11200
SISTEMA HIDRÁULICO, TRANSMISSÃO & CONVERSOR DE TORQUE	A 8 10070
.....	A 8 10080
.....	A 8 11600
SISTEMA DE REFRIGERAÇÃO	A 1 10410
.....	A 1 10420
.....	A 1 11900
SUPORTE ASSOALHO & ASSENTO	C 1 10090
.....	C 1 10100
SUPORTE DA TRANSMISSÃO	A 3 35110
.....	A 3 35400
SUPORTE DO EIXO TRASEIRO	B 1 23350
SUPORTE PLANET CONJUNTO-17620	A 4 30625
SUPORTE PLANET CONJUNTO FD & RD 17620 & 17800	A 4 30115
SUPORTE PLANET CONJUNTO-17630, 19600, 19640, 19650 & 33600	A 4 30300
SUPORTES DE MONTAGEM DO MOTOR	A 1 15310
.....	A 1 15320
.....	A 1 16650

### T

TANQUE DE COMBUSTÍVEL & TUBULAÇÕES	D 1 10130
.....	D 1 11700
.....	D 1 11900
.....	D 1 11980
TRANSMISSÃO FEIO HIDRAU	A 3 30300
TRANSMISSÃO & CONVERTEDORES HIDRÁULICOS	A 8 10080
.....	A 8 10070

## INDICE ALFABÉTICO (cont.)

### T

TUBULAÇÕES DE GRAXA ..... B 1 18600  
 ..... B 1 18800

### V

VÁLVULA DE CONTROL-VOLANTE, LÂMINA, ARCO, FATEIXA,  
 FORCAS & CABECA DO MOTOR ..... E 2 33000  
 VÁLVULA DE CONTROL - VOLANTE, LÂMINA, ARCO,  
 FATEIXA & MOTOR ..... E 2 32050  
 VÁLVULA DE CONTRÔLE DA DIRÇÃO & LÂMINA ..... E 2 30260  
 VÁLVULA DE CONTRÔLE DA DIREÇÃO DE EMERGÊNCIA .... E 2 46000  
 VÁLVULA DE CONTRÔLE-ARCO, GARRA & MOTOR ..... E 2 30630  
 VÁLVULA DE CONTRÔLE-ARCO & BRAÇO DA  
 GARRA & CABEÇADO MOTOR ..... E 2 30980

VÁLVULA DE CONTRÔLE, TRANSMISSÃO ..... A 3 34200  
 ..... A 3 34250  
 ..... A 3 34250  
 ..... A 3 34200  
 VÁLVULA DO ARCO & GARRAS & BRACO & MOTOR ..... E 2 30630  
 ..... E 2 30980  
 VÁLVULA DO REGULADOR ..... A 2 25050  
 VÁLVULA SELETORA DO CONTROL DE PUNHO  
 AUTOMÁTICO, ACENDER/APAGAR ..... E 2 45100  
 VÁLVULA, CONTRÔLE DE TRANSMISSÃO ..... A 3 34200  
 VÁLVULA, DIRÇÃO & LÂMINA ..... E 2 30410  
 ..... E 2 30410

## INDICE ALFABÉTICO

### A

ACELERADOR & CONEXIÓN	D 1 30300
	D 1 30600
AGARRE CONTROLS	A 10 30170
AGUILÓN CONJUNTO	B 7 10070
	B 7 10090
	E 1 14050
AGUILÓN, CONJUNTO DEL CILINDRO	
ARBOL PROPULSOR-TRANSMISIÓN/CONVERTIDOR, CONJUNTO	A 5 10280
ARBOL PROPULSOR, TRANSMISIÓN/CONVERTIDOR, CONJUNTO	A 5 10500
ARCO & AGARRE, CONTROLES	A 10 20200
ARCO, AGARRADERA & HIDRÁULICA DEL MOTOR	A 10 14100
	A 10 16300
	A 10 16400
ARMAZON TRASERA & SOPORTE	B 1 21100
	B 1 21500
	B 1 21550
	B 1 21600
	B 1 21650
ASIENTO, CONJUNTO	F 2 40350

### B

BASTIDOR DELANTERO	B 1 10600
	B 1 10650
BASTIDOR TRASERO	B 1 21550
BATERÍA & MONTAJE DE BATERÍA	F 1 10220
	F 1 11300
BOMBA	A 9 10120
BOMBA PRINCIPAL	A 9 11200
BOTÓN	F 2 95050

### C

CAJA DE CHUMACERA	A 4 90200
CALCOMANÍAS	F 2 60450
CALEFACTOR CONJUNTO	F 2 93250
CILINDRO MAESTRO	A 7 20400
	A 7 30300
CONJUNTO CONVERTIDOR DE TORSIÓN	A 2 10300
	A 2 10350
CONJUNTO DE ARCO	B 5 10080
	B 5 10090
	E 1 12080
CONJUNTO DE BOMBA & MOTOR	E 2 20050
CONJUNTO DE CABEZA ROTATORIA DE AGARRE	E 2 70060
CONJUNTO DE CABEZA ROTATORIA	E 2 70060
CONJUNTO DE CABEZA ROTATORIA DE AGARRE	E 2 70070
CONJUNTO DE CABEZA ROTATORIA	E 2 70070
CONJUNTO DE CABEZA ROTATORIA DE AGARRE	E 2 70150
	E 2 70200
CONJUNTO DE CILINDRO DIRECCION & CUCHILLA	E 1 10150
CONJUNTO DE CONTROL AUTOMÁTICO DEL MANGO	E 2 45000
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-19630 & 19640	A 4 15900
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17620	A 4 16450
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO	A 4 16500
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-19640	A 4 16575
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-19640	A 4 21800
	A 4 26050
CONJUNTO DE EJE DELANTERO	A 4 11090
	A 4 11600
	A 4 11625
	A 4 11650
	A 4 11725

CONJUNTO DE EJE IMPULSOR, TRANSMISIÓN/MONTAJE INTERMEDIO	A 5 50325
CONJUNTO DE EJE TRASERO	A 4 21430
CONJUNTO DE GARRA-105 IN -2,68 M	B 6 10050
	B 6 10060
CONJUNTO DE GARRA-70 IN -1,79 MM	B 6 10015
	B 6 10017
CONJUNTO DE LA SUSPENSIÓN & DIFERENCIAL, TRASERO-19640	A 4 26150
CONJUNTO DE PUERTA	F 2 32100
CONJUNTO DE TRANSMISIÓN-28000	A 3 30150
CONJUNTO DE TRANSMISIÓN	A 3 30250
	A 3 30255
CONJUNTO DEL CILINDRO BIVALVO	E 1 13020
	E 1 13030
	E 1 13070
	B 4 11300
CONJUNTO DEL CILINDRO BIVALVO 105 IN-3200,4 MM	
CONJUNTO DEL CONTRAFUEGOS	
CONJUNTO DEL EJE CARDAN-TRANSMISIÓN-EJE DELANTERO	A 5 30200
CONJUNTO DEL EJE CARDAN, TRANSMISIÓN-EJE DELANTERO	A 5 30425
CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS	A 5 40350
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS	A 5 40360
CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS	A 5 40375
CONJUNTO DEL EMBRAGUE, ALTA	A 3 31000
CONJUNTO DEL EMBRAGUE, AVANCE & 2A	A 3 31100
CONJUNTO DEL EMBRAGUE, BAJA	A 3 33000
	A 3 33150
CONJUNTO DEL EMBRAGUE, RETROCESO Y 3A	A 3 32000
CONJUNTO DEL EMBRAGUE, RETROCESO & 3A	A 3 32100
CONJUNTO DEL RADIADOR	A 1 12300
	A 1 12625
	A 1 12700
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE	A 5 20250
	A 5 20275
	A 5 20300
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/MONTAJE INTERMEDIO	A 5 50300
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/DESCANSO	A 5 60000
	A 5 60250
CONJUNTO ILANTA 18.4 X 34 PNEUMÁTICO	F 2 97850
CONJUNTO ILANTA 18.4 X 34	F 2 98220
CONJUNTO ILANTA 23.1 X 26	F 2 97630
	F 2 98210
CONJUNTO ILANTA 24.5 X 32	F 2 97620
CONJUNTO ILANTA 28.1 X 26	F 2 97610
	F 2 98200
CONJUNTO ILANTA 67 X 34 X 25 PNEUMÁTICO	F 2 97900
CONJUNTO TRANSMISIÓN-EMBRAGUE	A 3 30500
	A 3 30575
	A 3 30650
CONJUNTO VÁLVULA DE CONTROL DEL GUINCHE	A 6 15150
	A 6 15200
CONTROLES & HIDRÁULICA DEL GUINCHE	A 6 11425
CONTROLES DE LA TRANSMISIÓN	A 3 36600
	A 3 36700
CONTROLES DEL FRENO DE SERVICIO	A 7 20400
CONTROLES DEL FRENO SECUNDARIO	A 7 30300
CONTROLES DEL REGULADOR	D 1 30300
	D 1 30600
CONTROLES FRENO DE SERVICIO	A 7 20400
CONTROLES FRENO SERVICIO	A 7 29500
CONTROLES, ACELERADOR	D 1 30300
CONTROLES, TRANSMISIÓN	A 3 36600
	A 3 36700
CONTROLS, ARCO & AGARRE & CABEZA & MOTOR	A 10 30170
	A 10 30175
	A 10 30175
CONTROLS, DIRECCIÓN & CUCHILLAS	A 9 22500

## INDICE ALFABÉTICO (cont.)

### C

CONVERTIDOR DE PAR, CONJUNTO .....	A 2 10300
.....	A 2 10350
.....	A 2 10450

### D

DEPÓSITO & LÍNEAS DE COMBUSTIBLE .....	D 1 10130
.....	D 1 11700
DEPÓSITO & LÍNEAS DE COMBUSTIBLE .....	D 1 11900
DEPÓSITO & LÍNEAS DE COMBUSTIBLE .....	D 1 11980
DIFERENCIAL DELANTERO & CONJUNTO DE CARCASA .....	A 4 15900
.....	A 4 16450
.....	A 4 16500
.....	A 4 16575
DIFERENCIAL POSTERIOR & CONJUNTO DE CARCASA .....	A 4 21800
.....	A 4 26050
.....	A 4 26150
DIRECCIÓN DE EMERGENCIA ☒ .....	A 9 13300
.....	A 9 13400
DOSEL ☒ .....	F 2 10210
DOSEL .....	F 2 10250
.....	F 2 11150

### E

EJE DELANTERO, CONJUNTO-19640 .....	A 4 11090
EJE DELANTERO, CONJUNTO-19640 .....	A 4 11725
EJE DELANTERO, CONJUNTO-17620 .....	A 4 11600
EJE DELANTERO, CONJUNTO-19640 .....	A 4 11625
EJE DELANTERO, CONJUNTO-17620 .....	A 4 11650
EJE TRASERO, CONJUNTO-19640 .....	A 4 21430
.....	A 4 21450
EMBRAGUE DE LA TRANSMISIÓN, MARCHA ATRÁS & TERCERA .....	A 3 32000
.....	A 3 32100
EMBRAGUE DE LA TRANSMISIÓN, BAJA .....	A 3 33000
.....	A 3 33150
EMBRAGUE, CONJUNTO .....	A 3 30500
.....	A 3 30575
EMBREGUE DE LA TRANSMISIÓN, AVANCE & 2A .....	A 3 31000
.....	A 3 31100
ESTRUCTURA DEL TANQUE HIDRÁULICO .....	A 9 16500
EXTINTOR DE FUEGO .....	F 2 80050

### F

FILTRO DEL AIRE .....	A 1 26000
FILTRO PRIMARIO ☒ .....	A 1 28025
FRENO CONJUNTO SECUNDARIO ☒ .....	A 7 35000
FRENO HIDRÁULICO, TRANSMISIÓN .....	A 3 30300

### G

GRAPAS .....	F 2 95000
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑO GRUPO EJE CORONA CON EMGRANAJE .....	A 6 24200
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑO GRUPO EJE CORONA CON .....	A 6 24210
GUINCHE, ARBOL IMPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-311-1 .....	A 6 23050
GUINCHE, ARBOL IMPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-310-1 .....	A 6 23300

### H

HIDRÁULICA CON CONTROL DE AGARRE AUTOMÁTICO .....	A 10 17100
HIDRÁULICA-ARCO, AGARRADERA & MOTOR .....	A 10 16300
HIDRÁULICA, ARCO AGARRADERA & MOTOR .....	A 10 16400
HIDRÁULICOS-ARCO, GARRA, AGUILON & MOTOR .....	A 10 14100

HIDRÁULICOS, ARCO, GARRA, AGUILON & MOTOR .....	A 10 15070
HIDRÁULICOS, DIRECCIÓN & CUCHILLA .....	A 9 11200

### I

ILANTAS DE RUEDA .....	F 2 98200
.....	F 2 98210
.....	F 2 98220

### J

JG PARA BRISA LIMPIADOR ☒ .....	F 2 94550
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### L

LAMINA & SOPORTE .....	B 3 10030
LÍNEAS DE ENGRASE .....	B 1 18600
.....	B 1 18800
LUCES ☒ .....	F 2 90530
.....	F 2 90875

### M

MANDO-ARCO, ARPEO & CABEZA DEL MOTOR .....	A 10 30195
MANDOS DE DIRECCIÓN & CUCHILLAS .....	A 9 20700
.....	A 9 22500
MANDOS-ARCO & GARRA .....	A 10 20200
MONTADUR DE EJE, TRASERO .....	B 1 23350
MONTADURA DE EJE & DE SOPORTE .....	B 1 15360
.....	B 1 15800

### P

PANEL DE INSTRUMENTOS .....	F 1 21000
PATAS DE MONTAJE ELÁSTICO DEL MOTOR .....	A 1 15310
.....	A 1 15320
.....	A 1 16650
POLEA - GUIA & MONTURA ☒ .....	B 2 10005

### R

RADIADOR & CONEXIONES .....	A 1 10410
.....	A 1 10420
.....	A 1 11900

### S

SILENCIADOR .....	A 1 20780
.....	A 1 20800
SILENCIADOR DEL FILTRO DE AIRE & SOPORTE .....	A 1 20780
.....	A 1 20800
.....	A 1 21440
SISTEMA DE ESCAPE .....	A 1 20780
.....	A 1 20800
SISTEMA DE REFRIGERACIÓN .....	A 1 10410
.....	A 1 10420
.....	A 1 11900
SISTEMA ELECTRICO .....	F 2 52000
.....	F 2 52050
SISTEMA HIDRÁULICO DE DIRECCIÓN & DE LAMINA .....	A 9 10120
.....	A 9 11200
SISTEMA HIDRÁULICO, TRANSMISIÓN & CONVERTIDOR DE PAR .....	A 8 10070
.....	A 8 10080
.....	A 8 11600
SOPORTE DE LA TRANSMISSION .....	A 3 35110
.....	A 3 35400
SOPORTE DEL EJE TRASERO .....	B 1 23350
SOPORTE PISO & ASIENTO .....	C 1 10090
.....	C 1 10100

## INDICE ALFABÉTICO (cont.)

### S

SOPORTE PLANET CONJUNTO-17620 .....	A 4 30625
SOPORTE PLANET CONJUNTO FD & RD 17620 & 17800 .....	A 4 30115
SOPORTE PLANET CONJUNTO-17630, 19600, 19640, 19650 & 33600 .....	A 4 30300

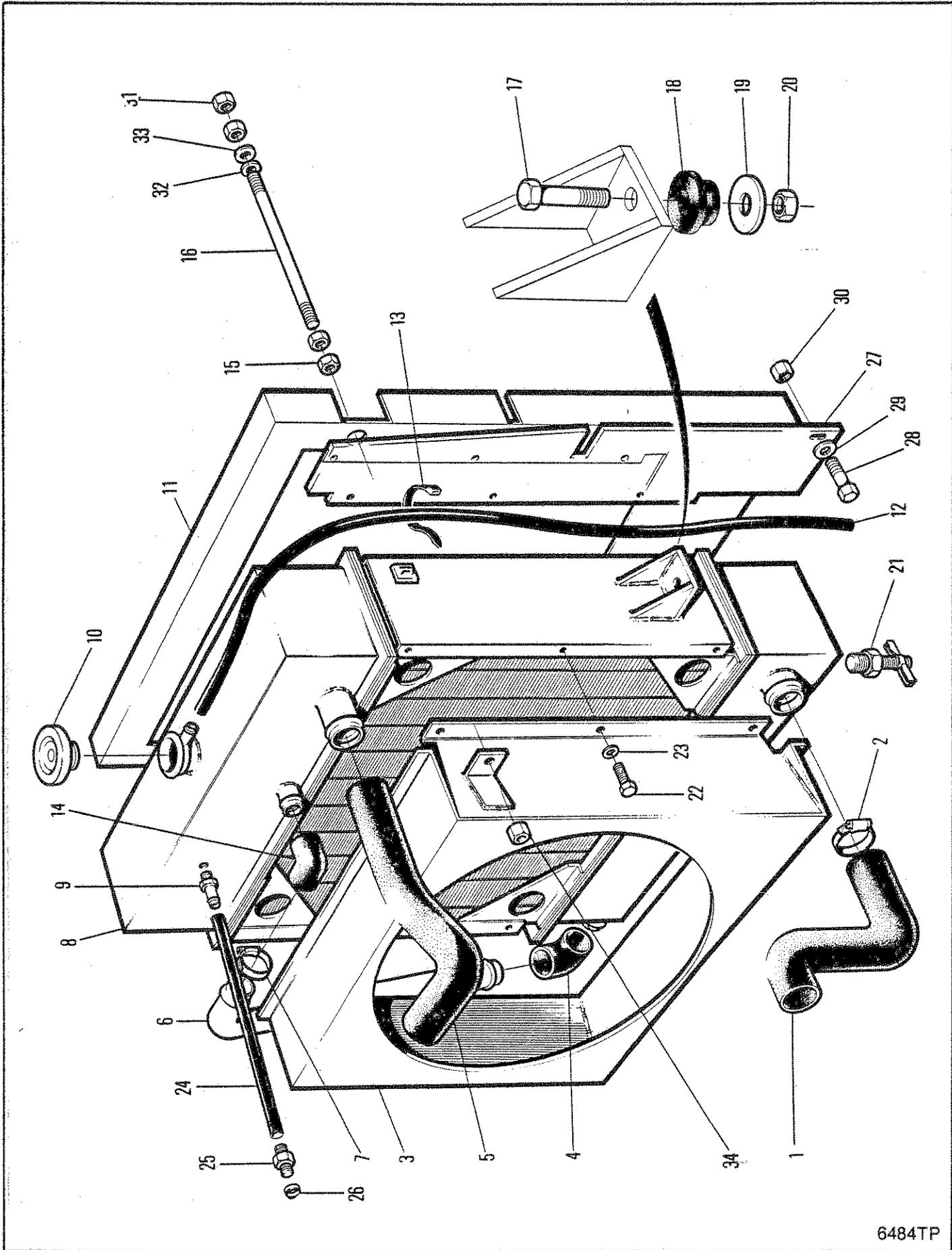
### T

TRANSMISION & CONVERTIDORES HIDRAULICOS .....	A 8 10070
.....	A 8 10080
TRANSMISION FRENO HIDRAU .....	A 3 30300

### V

VÁLVULA DE CONTROL-DIRECCIÓN, HOJA, ARCO, ARPEO, AGUILÓN & CABEZA DEL MOTOR .....	E 2 33000
VÁLVULA DE CONTROL - DIRECCIÓN, HOJA, ARCO, ARPEO & MOTOR .....	E 2 32050
VÁLVULA DE CONTROL DE LA DIRECCIÓN & CUCHILLA .....	E 2 30260

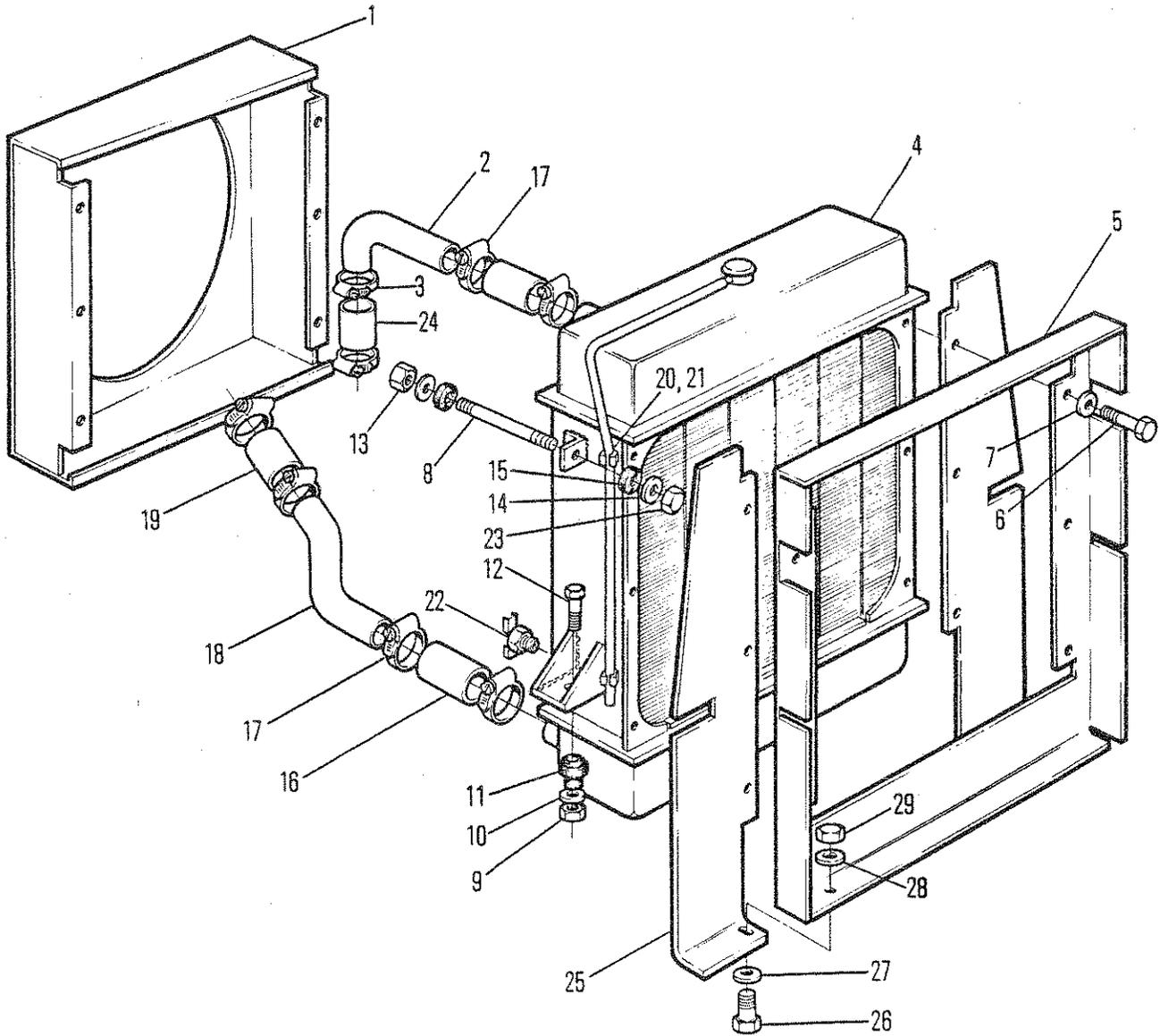
VÁLVULA DE CONTROL DE LA DIRECCIÓN DE EMERGENCIA .....	E 2 46000
VÁLVULA DE CONTROL DE TRANSMISIÓN .....	A 3 34200
.....	A 3 34200
.....	A 3 34250
.....	A 3 34250
VÁLVULA DE CONTROL-ARCO & AQUILÓN DE GARRA & CABEZA DE MOTOR .....	E 2 30980
VÁLVULA DE CONTROL-ARCO, AGARRADERA & MOTOR .....	E 2 30630
VÁLVULA DE CONTROL, DIRECCIÓN & CUCHILLA .....	E 2 30410
VÁLVULA DEL REGULADOR .....	A 2 25050
VÁLVULA SELETORES DE CONTROL AUTOMÁTICO DEL MANGO - ACENDIDO/APAGADO .....	E 2 45100
VÁLVULA, ARCO & AGARRE & CABEZA & MOTOR .....	E 2 30630
.....	E 2 30980
VÁLVULA, CONTROL DE TRANSMISIÓN .....	A 3 34200
VÁLVULA, DIRECCIÓN & CUCHILLA .....	E 2 30410



6484TP

**RADIATOR & CONNECTIONS  
RADIATEUR & CONNEXION  
KÜHLER & VERBINDUNGEN  
RADIADOR & CONEXÕES  
RADIADOR & CONEXIONES**

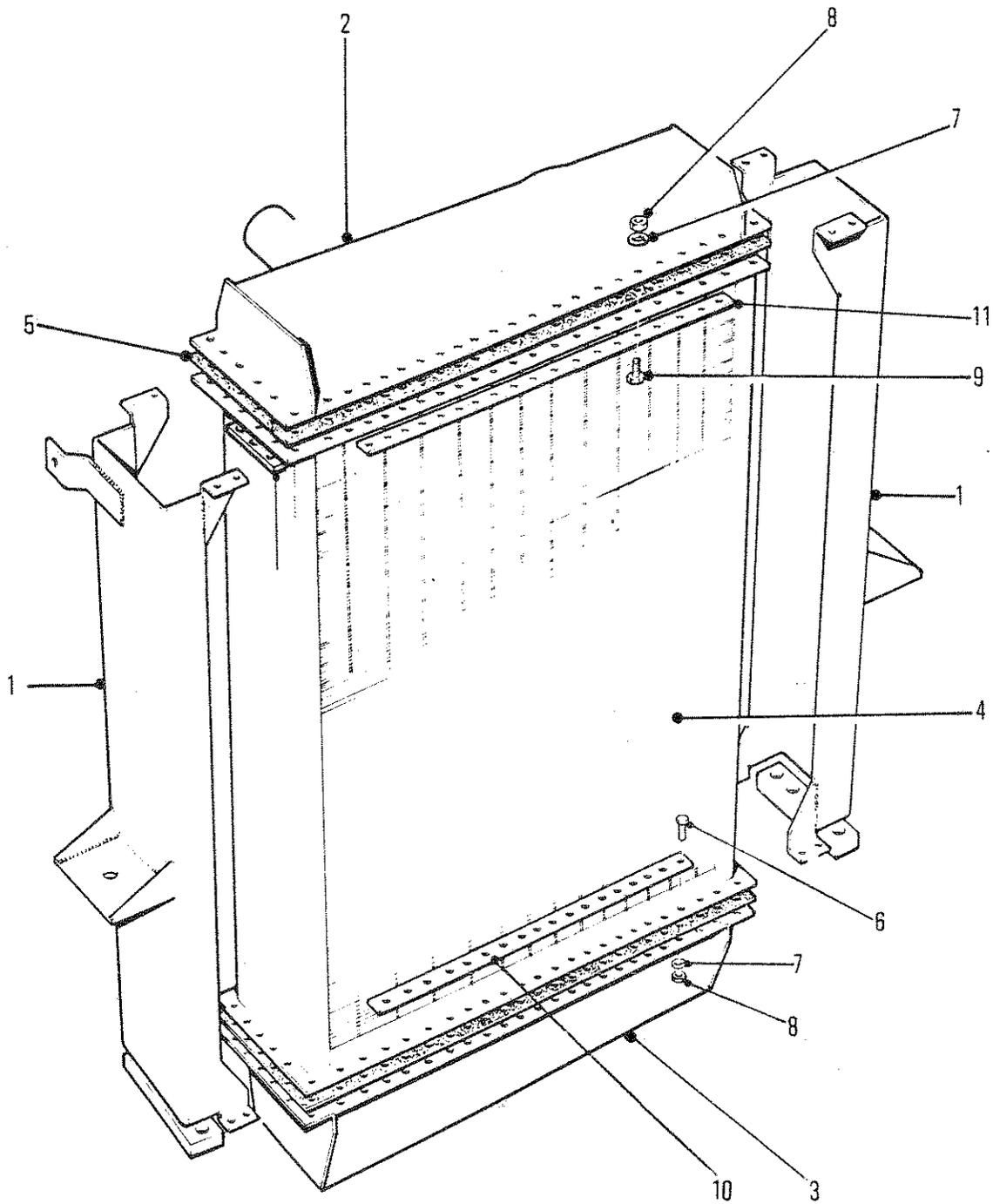
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935228	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	42H000032	2	Clamp	pince	Schelle	braçadeira	abrazadera
3	1936180	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
4	671858	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1934686	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1935707	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	42H000016	4	Clamp	pince	Schelle	braçadeira	abrazadera
8	○-----	1	Radiator	radiateur	Kühler	radiador	radiador
9	666863	1	Connector	raccord	Verbindungsstück	ligador	conector
10	1926961	1	Cap	chapeau	Kappe	tampa	tapa
11	1937659	1	Shroud-front	capot avant	Vord Haube	arco de ref diant	cubierta delant
12	1904058	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1539058	2	Strap	bande	Band	faixa	banda
14	671858	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	7D000008	8	Nut	écrou	Mutter	porca	tuerca
16	1927224	2	Rod	tige	Stange	varão	varilla
17	17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
18	569739	2	Mount	support	Befestigung	apoio	montura
19	616796	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	59D000008	2	Nut	écrou	Mutter	porca	tuerca
21	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
22	17C000408	12	Bolt	boulon	Bolzen	parafuso	bulón
23	25E000014	12	Washer	rondelle	Scheibe	arruela	arandela
24	1922068	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
25	19F000003	1	Reducer	réducteur	Reduzierstück	reductor	reductor
26	6515575	2	Clamp	pince	Schelle	braçadeira	abrazadera
27	1937661	2	Rubber	caoutchouc	Gummi	borracha	goma
28	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
29	25E000014	4	Washer	rondelle	Scheibe	arruela	arandela
30	59D000004	2	Nut	écrou	Mutter	porca	tuerca
31	85D000008	4	Nut	écrou	Mutter	porca	tuerca
32	1929619	8	Rubber	caoutchouc	Gummi	borracha	goma
33	27E000008	8	Washer	rondelle	Scheibe	arruela	arandela
34	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca



6642TP

**RADIATOR & CONNECTIONS**  
**RADIATEUR & CONNEXION**  
**KÜHLER & VERBINDUNGEN**  
**RADIADOR & CONEXÕES**  
**RADIADOR & CONEXIONES**

No.	Part No.	Qty	Description	Description	Benennung	Deacrição	Descripción
1	1937415	1	Shroud rear	capot arrière	Hintee Haube	aro de ref tras	cubierta tras
2	1937043	1	Tube	tube	Rohr	tubo	tubo
3	42H000032	2	Clamp	pince	Schelle	braçadeira	abrazadera
4	○-----	1	Radiator	radiateur	Kühler	radiador	radiador
5	1937659	1	Front shroud	capot avant	Vord Haube	arco de ref diant	cubierta delant
6	17C000410	12	Bolt	boulon	Bolzen	parafuso	bulón
7	25E000014	12	Washer	rondelle	Scheibe	arruela	arandela
8	1937418	2	Rod	tige	Stange	varão	varilla
9	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuercas
10	616796	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	569739	2	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
12	17C000844	2	Bolt	boulon	Bolzen	parafuso	bulón
13	59D000008	4	Nut	écrou	Mutter	porca	tuerca
14	27E000008	8	Washer	rondelle	Scheibe	arruela	arandela
15	1929619	8	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
16	1M016040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	42H000036	6	Clamp	pince	Schelle	braçadeira	abrazadera
18	1937042	1	Tube	tube	Rohr	tubo	tubo
19	1M018040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	2401348	2	Mount	support	Befestigung	apoio	montura
21	1539058	2	Tie strap	bande dattache	Befestigungsband	cinta de ligação	banda de atadura
22	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
23	7D000008	8	Nut	écrou	Mutter	porca	tuerca
24	1M014040	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
25	1937661	2	Rubber	caoutchouc	Gummi	borracha	goma
26	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
27	25E000014	4	Washer	rondelle	Scheibe	arruela	arandela
28	25E000014	4	Washer	rondelle	Scheibe	arruela	arandela
29	59D000004	2	Nut	écrou	Mutter	porca	tuerca



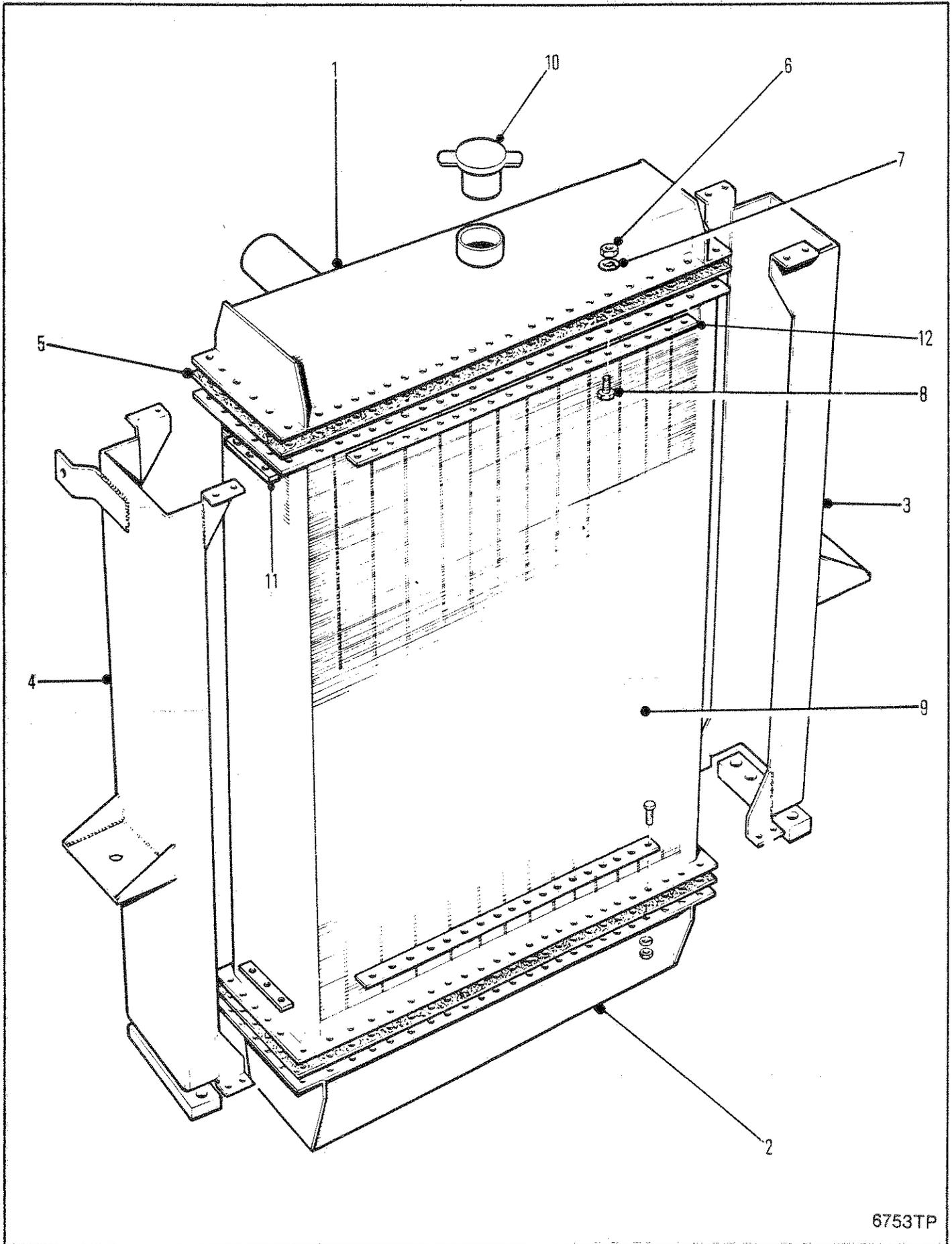
6185TP

**RADIATOR ASSEMBLY  
ENSEMBLE DE RADIATEUR  
KÜHLER VOLLSTÄNDIG  
CONJUNTO DO RADIADOR  
CONJUNTO DEL RADIADOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1934991	1	Radiator assy	radiateur ens	Kühler vollst	radiador conj	radiador conj
1	1992377	2	Support	support	Abstützung	suporte	soporte
2	1992375	1	Top tank	réservoir superieur	Oberer behiter	tanque superior	tanque superior
3	1992376	1	Bottom tank	reservoir inférieur	Unterer Tank	reservatório inferior	depósitor inferior
4	1992026	1	Core	noyau	Innenteil	núcleo	núcleo
5	1992027	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	17C000516	48	Bolt	boulon	Bolzen	parafuso	bulón
7	23E000005	80	Washer	rondelle	Scheibe	arruela	arandela
8	1D000005	80	Nut	écrou	Mutter	porca	tuerca
9	17C000520	32	Bolt	boulon	Bolzen	parafuso	bulón
10	1992128	4	Strip	ruban	Band	faixa	tira
11	1992068	4	Strip	ruban	Band	faixa	tira

1 Inc 1 → 11

# RANGER

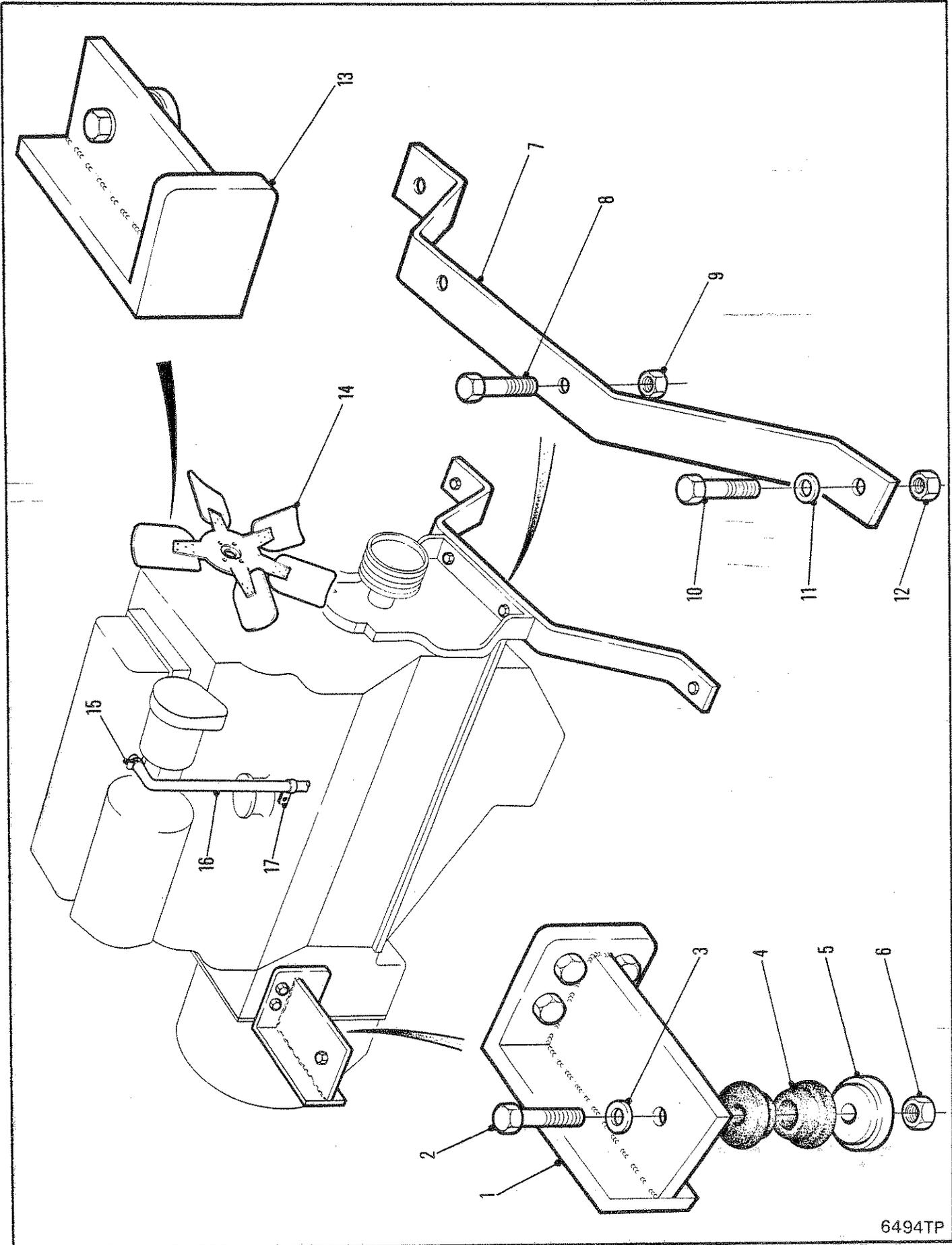


6753TP

**RADIATOR ASSEMBLY  
ENSEMBLE DE RADIATEUR  
KÜHLER VOLLSTÄNDIG  
CONJUNTO DO RADIADOR  
CONJUNTO DEL RADIADOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12568540	1	Radiator	radiateur	Kühler	radiador	radiador
1	1992634	1	Top tank	réservoir superieur	Oberer behlter	tanque superior	tanque superior
2	1992623	1	Bottom tank	reservoir inférier	Unterer Tank	reservatório inferior	depósito inferior
3	1992637	1	Channel LH	canal, gauche	Linker Kanal	canal esquerdo	canal izquierdo
4	1992636	1	Channel RH	canal, droit	Rechter Kkanal	canal direito	canal derecho
5	1992638	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	61D000005	79	Nut	écrou	Mutter	porca	tuerca
7	25E000015	80	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	17C000516	47	Bolt	boulon	Bolzen	parafuso	bulón
8A	17C000520	32	Bolt	boulon	Bolzen	parafuso	bulón
8B	17C000512	1	Boit	boulon	Bolzen	parafuso	bulón
9	1992445	1	Core	noyau	Innenteil	núcleo	núcleo
10	1992641	1	Cap	chapeau	Kappe	tampa	tapa
11	1992062	4	Clamp	pince	Schelle	braçadeira	abrazadera
12	1992622	4	Clamp	pince	Schelle	braçadeira	abrazadera

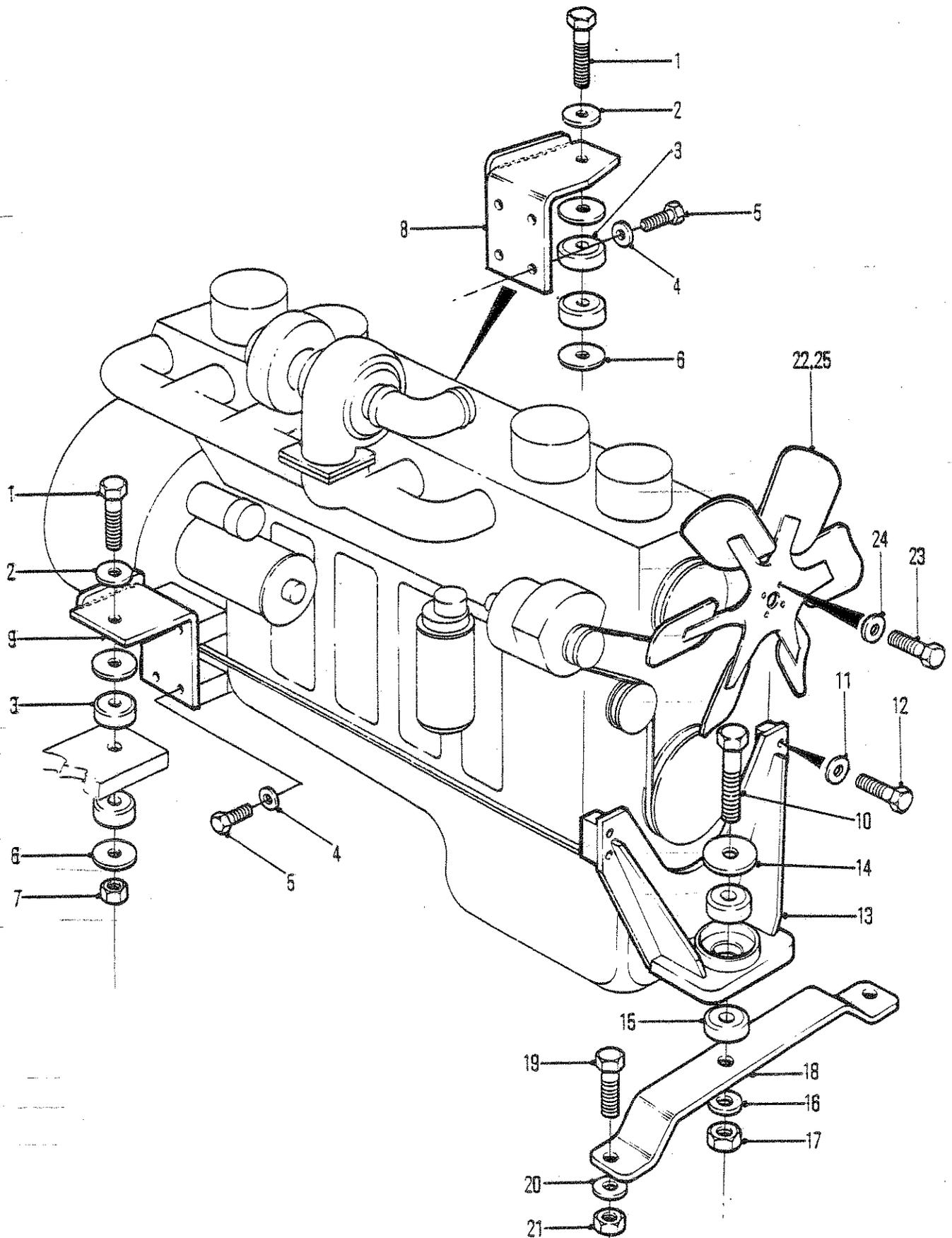
1 Inc 1 → 12



6494TP

**ENGINE MOUNTINGS**  
**SUPPORTS ÉLASTIQUE DU MOTEUR**  
**MOTORBEFESTIGUNGEN**  
**SUPORTES DE MONTAGEM DO MOTOR**  
**PATAS DE MONTAJE ELÁSTICO DEL MOTOR**

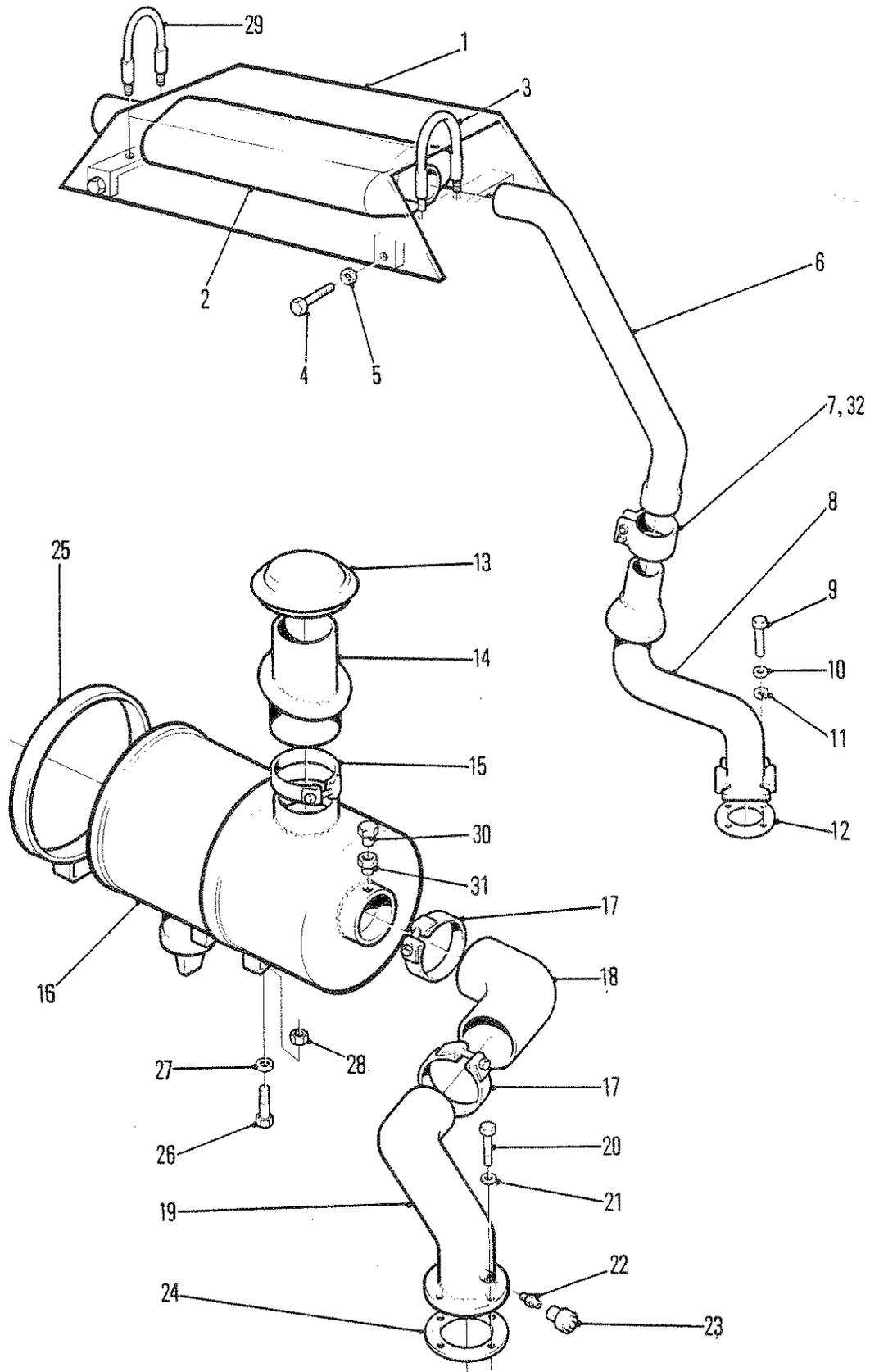
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935402	1	Mount RH	support D	Befestigung R	apoio LD	montura LD
2	33C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
3	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
4	1921221	4	Mount	support	Befestigung	apoio	montura
5	1922494	4	Washer	rondelle	Scheibe	arruela	arandela
6	85D000010	2	Nut	écrou	Mutter	porca	tuerca
7	1934541	1	Mount	support	Befestigung	apoio	montura
8	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
9	85D000008	2	Nut	écrou	Mutter	porca	tuerca
10	17C001232	2	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000012	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
12	85D000012	2	Nut	écrou	Mutter	porca	tuerca
13	1935403	1	Mount LH	support G	Befestigung L	apoio LE	montura LI
14	541736	1	Blower fan	ventilateur cabine	Gebälse	ventilador cabina	ventilador cabina
15	42H000020	1	Clamp	pince	Schelle	braçadeira	abrazadera
16	1M008400	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	6H000034	1	Clip	attache	Schelle	braçadeira	abrazadera



6655TP

**ENGINE MOUNTINGS**  
**SUPPORTS ÉLASTIQUE DU MOTEUR**  
**MOTORBEFESTIGUNGEN**  
**SUPORTES DE MONTAGEM DO MOTOR**  
**PATAS DE MONTAJE ELÁSTICO DEL MOTOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C001072	2	Bolt	boulon	Bolzen	parafuso	bulón
2	27E000010	2	Washer	rondelle	Scheibe	arruela	arandela
3	1921221	4	Mount	support	Befestigung	apoio	montura
4	27E000007	8	Washer	rondelle	Scheibe	arruela	arandela
5	7CM01235	8	Bolt	boulon	Bolzen	parafuso	bulón
6	1936529	4	Washer assy	ens rondelle	Scheibesatz	conj arruela	conj arandela
7	85D000010	2	Nut	écrou	Mutter	porca	tuerca
8	1936833	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
9	1936832	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
10	17C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
12	7CM12100	4	Bolt	boulon	Bolzen	parafuso	bulón
13	1934258	1	Mount	support	Befestigung	apoio	montura
14	1922486	1	Flat	méplat	Fläche	bloco plano	planchuela
15	1921221	2	Mount	support	Befestigung	apoio	montura
16	27E000010	1	Washer	rondelle	Scheibe	arruela	arandela
17	85D000010	1	Nut	écrou	Mutter	porca	tuerca
18	1937378	1	Mount	support	Befestigung	apoio	montura
19	17C001240	2	Bolt	boulon	Bolzen	parafuso	bulón
20	27E000012	4	Washer	rondelle	Scheibe	arruela	arandela
21	59D000012	2	Nut	écrou	Mutter	porca	tuerca
22	1937664	1	Fan blower	Soufflante	Ventilatorgebläse	Exhaustor de ventilador	Cabina, ventilador
23	7CM0000870	4	Bolt	boulon	Bolzen	parafuso	bulón
24	24E000005	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	1938484	1	Fan sucker	aspirat soufflerie	Sauggebläse	ventilador aspirador	ventilador succión

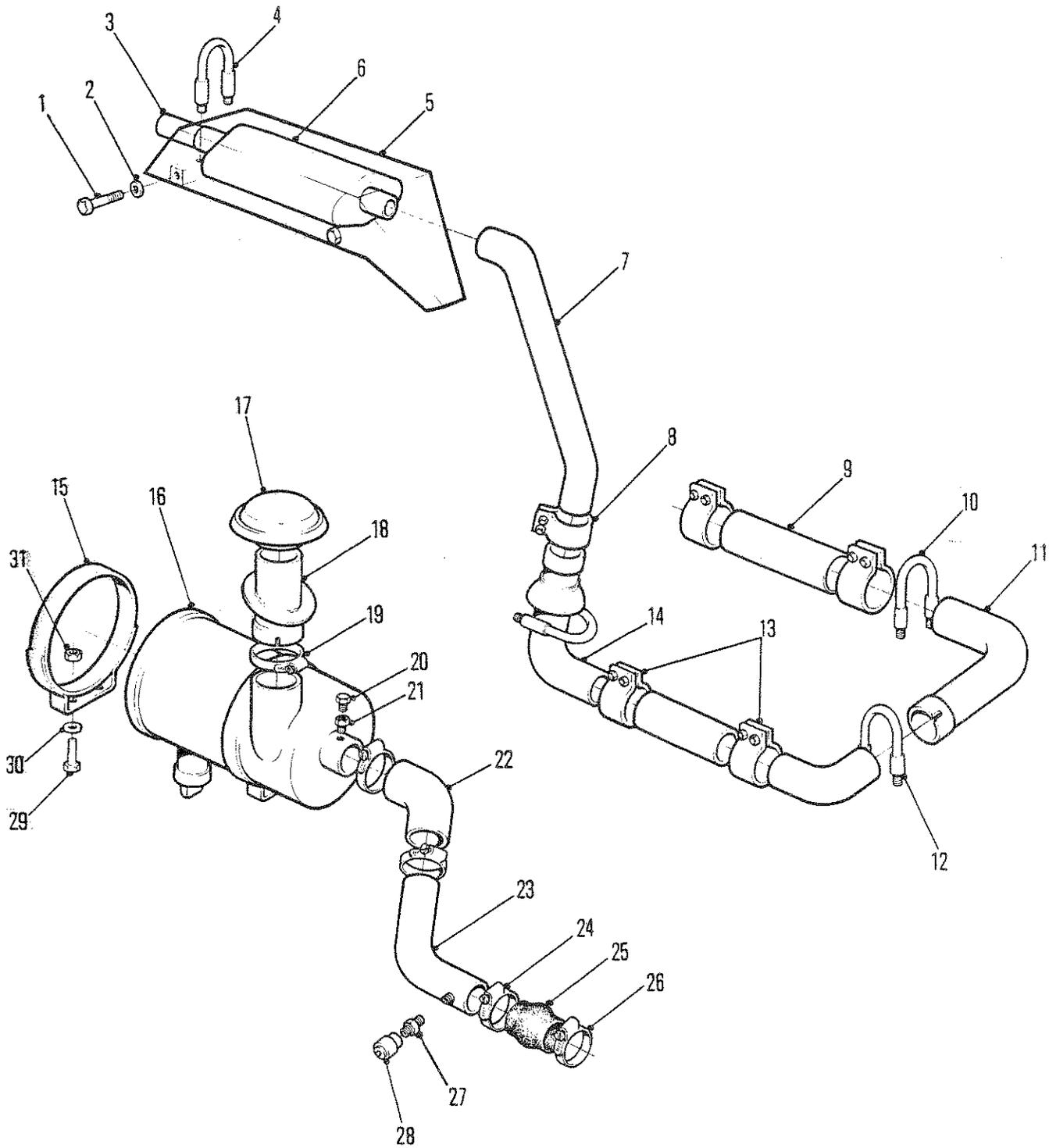


6486TP

**AIR CLEANER MUFFLER & MOUNTING**  
**FILTRE À AIR-SILENCIEUX & MONTAGE**  
**LUFTFILTER-AUSPUFFÄMPFER & MONTAGE**  
**AMORTECEDOR DO FILTRO DE AR & SUPORTE**  
**SILENCIADOR DEL FILTRO DE AIRE & SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935828	1	Cover	couvercle	Deckel	tampa	tapa
2	1935748	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
3	1936256	1	Clamp	pince	Schelle	braçadeira	abrazadera
4	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
5	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
6	1935088	1	Tube	tube	Rohr	tubo	tubo
7	1925199	1	Clamp	pince	Schelle	braçadeira	abrazadera
8	1935090	1	Exhaust tube	tuyau déchappement	Auspuffrohr	tubo de exaustão	cano de escape
9	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	24E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	1992039	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
13	521686	1	Cap	chapeau	Kappe	tampa	tapa
14	1935218	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
15	43H001512	1	Clamp	pince	Schelle	braçadeira	abrazadera
16	○-----	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
17	43H001450	2	Clamp	pince	Schelle	braçadeira	abrazadera
18	1902171	1	Elbow	coude	Winkelrohr	cotovêlo	codo
19	1934436	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
20	17C000514	4	Bolt	boulon	Bolzen	parafuso	bulón
21	25E000015	4	Washer	rondelle	Scheibe	arruela	arandela
22	399469	1	Fitting	ajustage	Verbindung	ajuste	acessorio
23	1529625	1	Indicator	indicateur	Messer	indicador	indicador
24	1935203	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
25	2521435	2	Strap	bande	Band	faixa	banda
26	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
27	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
28	85D000006	4	Nut	écrou	Mutter	porca	tuerca
29	580282	1	Clamp	pince	Schelle	braçadeira	abrazadera
30	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
31	75F000001	1	Coupling	accouplement	Kupplung	acoplamiento	acople
32	1992400	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura

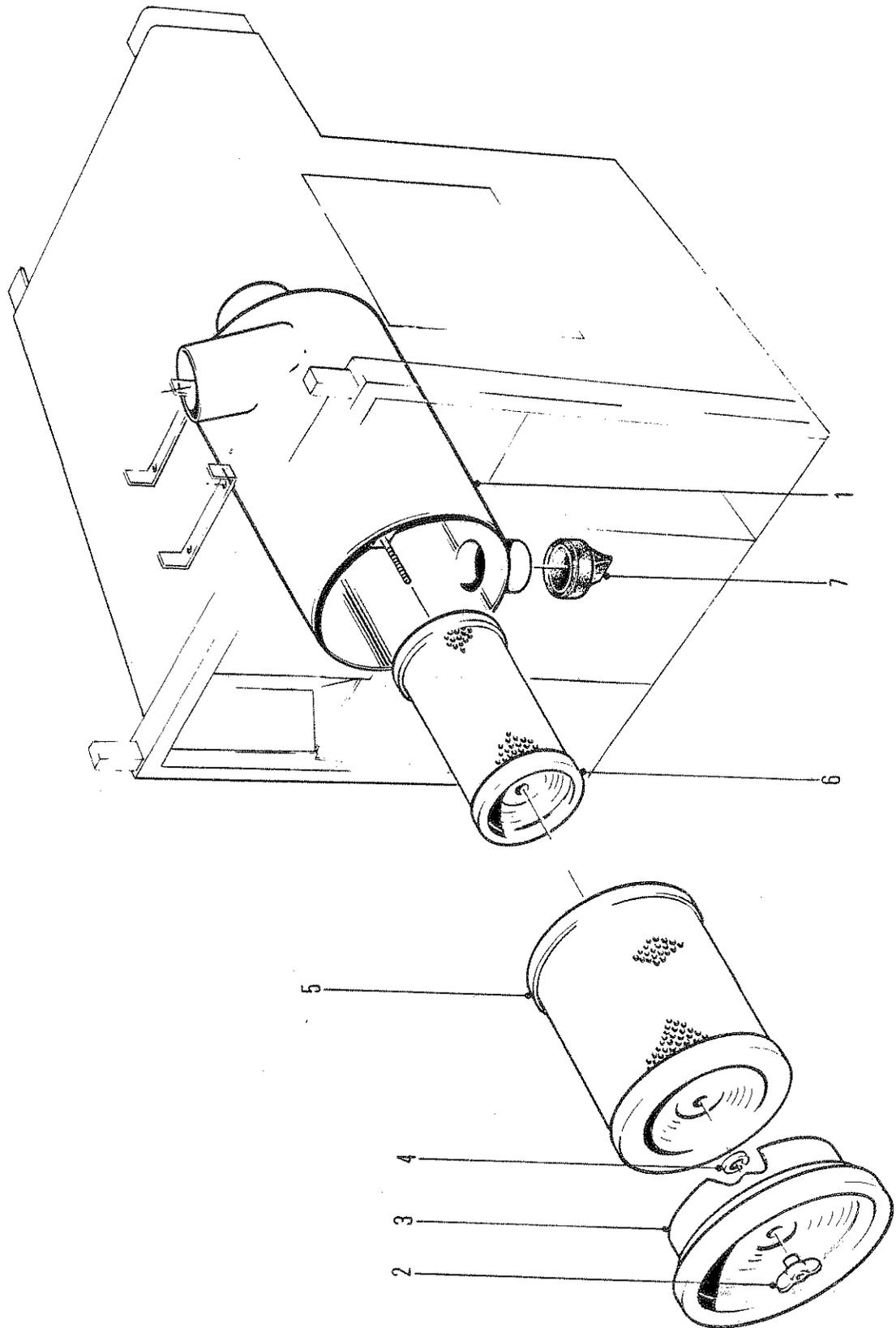
1 Inc 32



6640TP

**AIR CLEANER MUFFLER & MOUNTING**  
**FILTRE À AIR - SILENCIEUX & MONTAGE**  
**LUFTFILTER - AUSPUFFÄMPFER & MONTAGE**  
**AMORTECEDOR DO FILTRO DE AR & SUPORTE**  
**SILENCIADOR DEL FILTRO DE AIRE & SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C000616	4	Bolt	bouillon	Bolzen	parafuso	bulón
2	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
3	1935976	1	Tube	tube	Rohr	tubo	tubo
4	1936256	1	Clamp	pince	Schelle	braçadeira	abrazadera
5	1936577	1	Cover	couvercle	Deckel	tampa	tapa
6	2510883	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
7	1937443	1	Tube	tube	Rohr	tubo	tubo
8	1937441	1	Clamp	pince	Schelle	braçadeira	abrazadera
9	1937437	2	Tube	tube	Rohr	tubo	tubo
10	1936256	1	Clamp	pince	Schelle	braçadeira	abrazadera
11	1937436	1	Tube	tube	Rohr	tubo	tubo
12	1936256	2	Clamp	pince	Schelle	braçadeira	abrazadera
13	1937440	2	Clamp	pince	Schelle	braçadeira	abrazadera
14	1937438	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
15	2521435	2	Strap	bande	Band	faixa	banda
16	0-----	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
17	521686	1	Cap	chapeau	Kappe	tampa	tapa
18	1935218	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
19	43H001512	1	Clamp	pince	Schelle	braçadeira	abrazadera
20	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
21	75F000001	1	Coupling	accouplement	Kupplung	acoplamento	acople
22	516058	1	Elbow	coude	Winkelrohr	cotovêlo	codo
23	1936957	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
24	43H001450	3	Clamp	pince	Schelle	braçadeira	abrazadera
25	1936959	1	Reducer	réducteur	Reduzierstück	reductor	reductor
26	43H001350	1	Clamp	pince	Schelle	braçadeira	abrazadera
27	399469	1	Fitting	ajustage	Verbindung	ajuste	accesorio
28	1529625	1	Service indicator	indicateur entretien	Wartungsanzeiger	indicador serviço	indicador servicio
29	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
30	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
31	59D000006	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca



6536TP

**AIR CLEANER  
EPURATEUR D'AIR  
LUFTFILTER  
FILTRO DE AR  
FILTRO DEL AIRE**

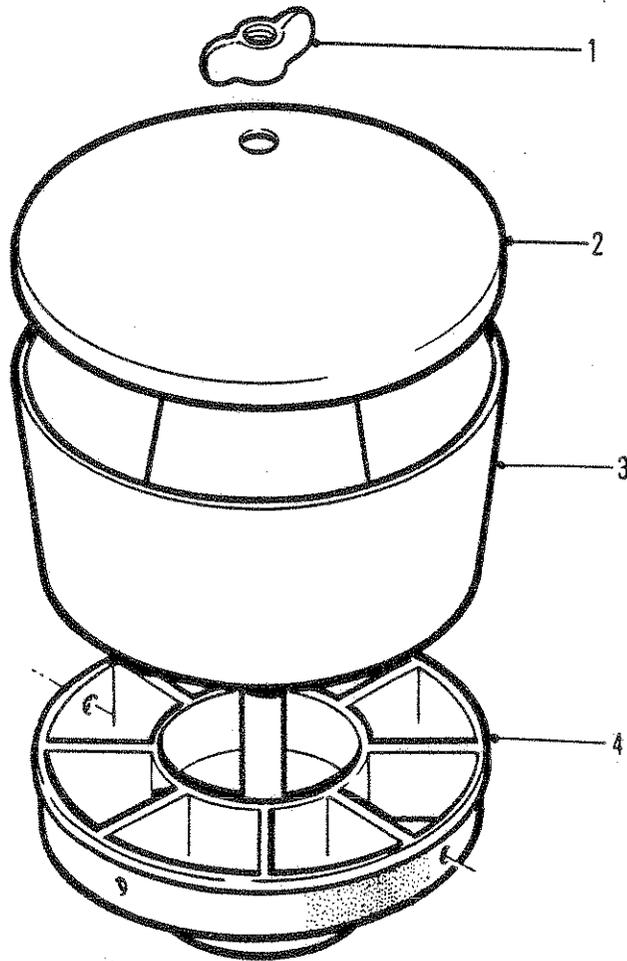
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1935225	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
1	§-----	1	Housing	botier	Gehuse	carcaça	carcasa
2	1991856	1	Nut	écrou	Mutter	porca	tuerca
3	962259	1	Cover	couvercle	Deckel	tampa	tapa
4	1300702	1	Clip	attache	Schelle	braçadeira	abrazadera
5	2521682	1	Element primary	element primaire	Primr element	elemento primário	elemento primario
6	2521683	1	Element sec	élément sec	Element zweites	elemento sec	elemento sec
7	3739636	1	Valve	soupape	Ventil	válvula	válvula

1 Inc 1→7

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC→559A-9999-CAC  
555A-101-CAC→555A-9999-CAC  
548A-101-CAC→548A-9999-CAC  
549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
552A-101-CAC→552A-9999-CAC

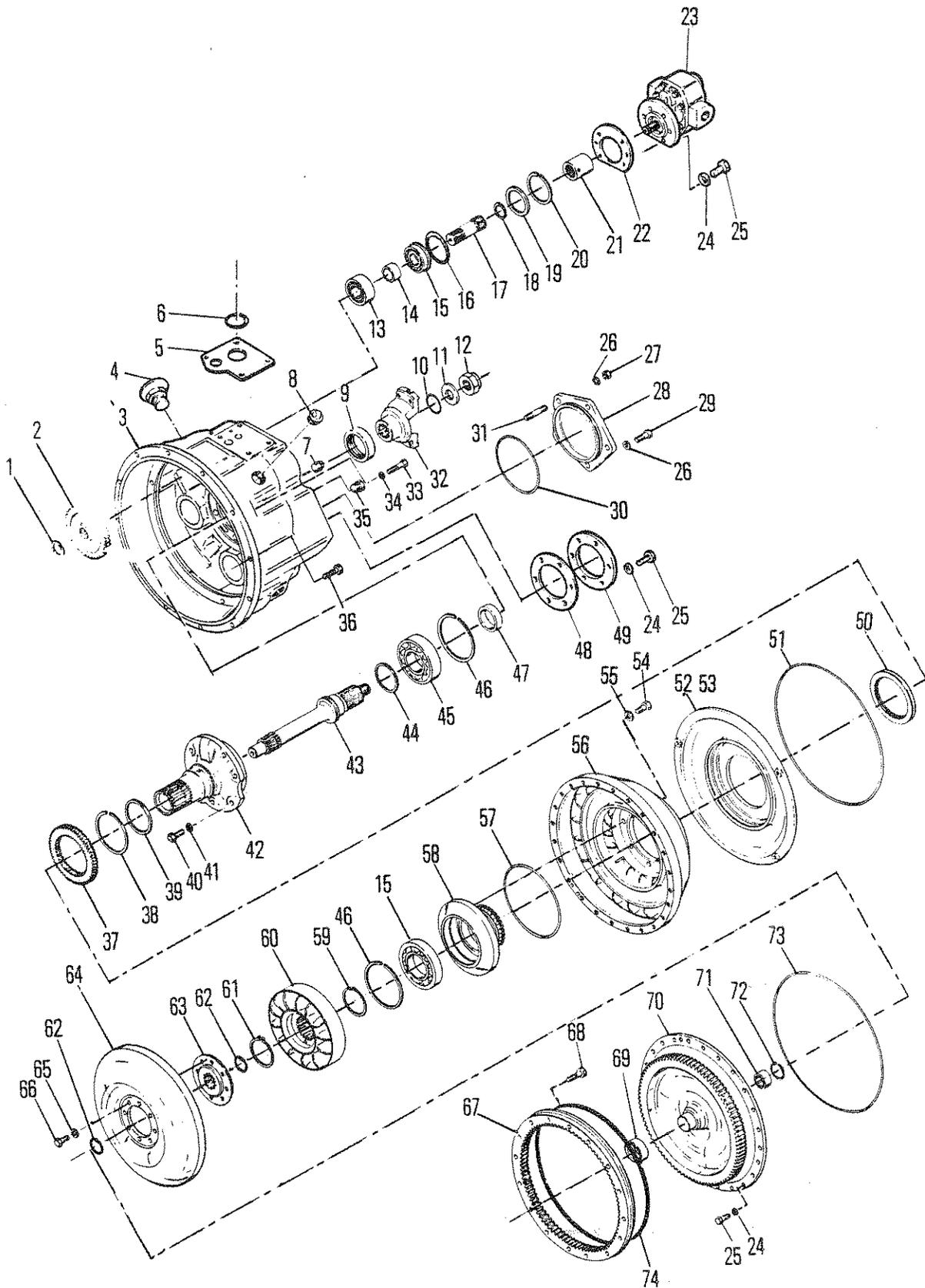


6053TP

**PRE-CLEANER** ☒  
**PRÉ-NETTOYEUR** ☒  
**VORREINIGER** ☒  
**FILTRO PRIMÁRIO** ☒  
**FILTRO PRIMARIO** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	13150205	1	Pre-cleaner assy	pre-nettoyeur ens	Vorfilter vollst	conj pre-limpador	conj pre-depurador
1	1991882	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
2	3984428	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
3	3984429	1	Body	carrosserie	Karosserie	carroçria	carrocería
4	3984430	1	Adapter assy	ens adaptateur	Zwischenstück vollst	conj adaptador	conj adaptador

1 Inc 1 → 4



6559TP

**CONVERTER ASSEMBLY**  
**CONVERTISSEUR, ENSEMBLE**  
**DREHMOMENTWANDLER VOLLSTÄNDIG**  
**CONVERSOR DE TORQUE, CONJUNTO**  
**CONVERTIDOR DE PAR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	7288314	1	Converter assy	convertisseur ens	Drehmntwndlr voll	conversor conj	convertidor conj
1	711298	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	214931	2	Gear pump drive	pompe dentr pign	Pumpenantriebsrad	acion bomba engr	engr bomba prop
3	214980	1	Housing	botier	Gehuse	carcaça	carcasa
4	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
5	214949	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	60K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	16F000008	1	Plug	bouchon	Stopfen	bujão	tapón
8	10F000016	3	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
9	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
10	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	102745	1	Washer	rondelle	Scheibe	arruela	arandela
12	216058	1	Nut	écrou	Mutter	porca	tuerca
13	214936	2	Bearing	pallier	Lager	mancal	cojinete
14	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
15	214956	2	Bearing	pallier	Lager	mancal	cojinete
16	214954	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
17	237548	2	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor
18	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
19	214929	2	Washer	rondelle	Scheibe	arruela	arandela
20	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
21	214961	1	Sleeve	manchon	Muffe	luva	manguito
22	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
23	450230	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
24	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	1233128	33	Screw	vis	Schraube	parafuso	tornillo
26	4E000007	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	8D000007	2	Nut	écrou	Mutter	porca	tuerca
28	214979	1	Cover	couvercle	Deckel	tampa	tapa
29	1C000720	3	Screw	vis	Schraube	parafuso	tornillo
30	60K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
31	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
32	214987	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
33	1C000628	3	Screw	vis	Schraube	parafuso	tornillo
34	4E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón

1 Inc 24

2 Inc. 237242 ring and 237243 spring  
 2 Compren anneau 237242 et ressort 237243  
 2 Hatte Ring 237242 und Feder 237243  
 2 Incl. o anel 237242 et a mola 237243  
 2 Inc. anillos 237242 y resortes 237243

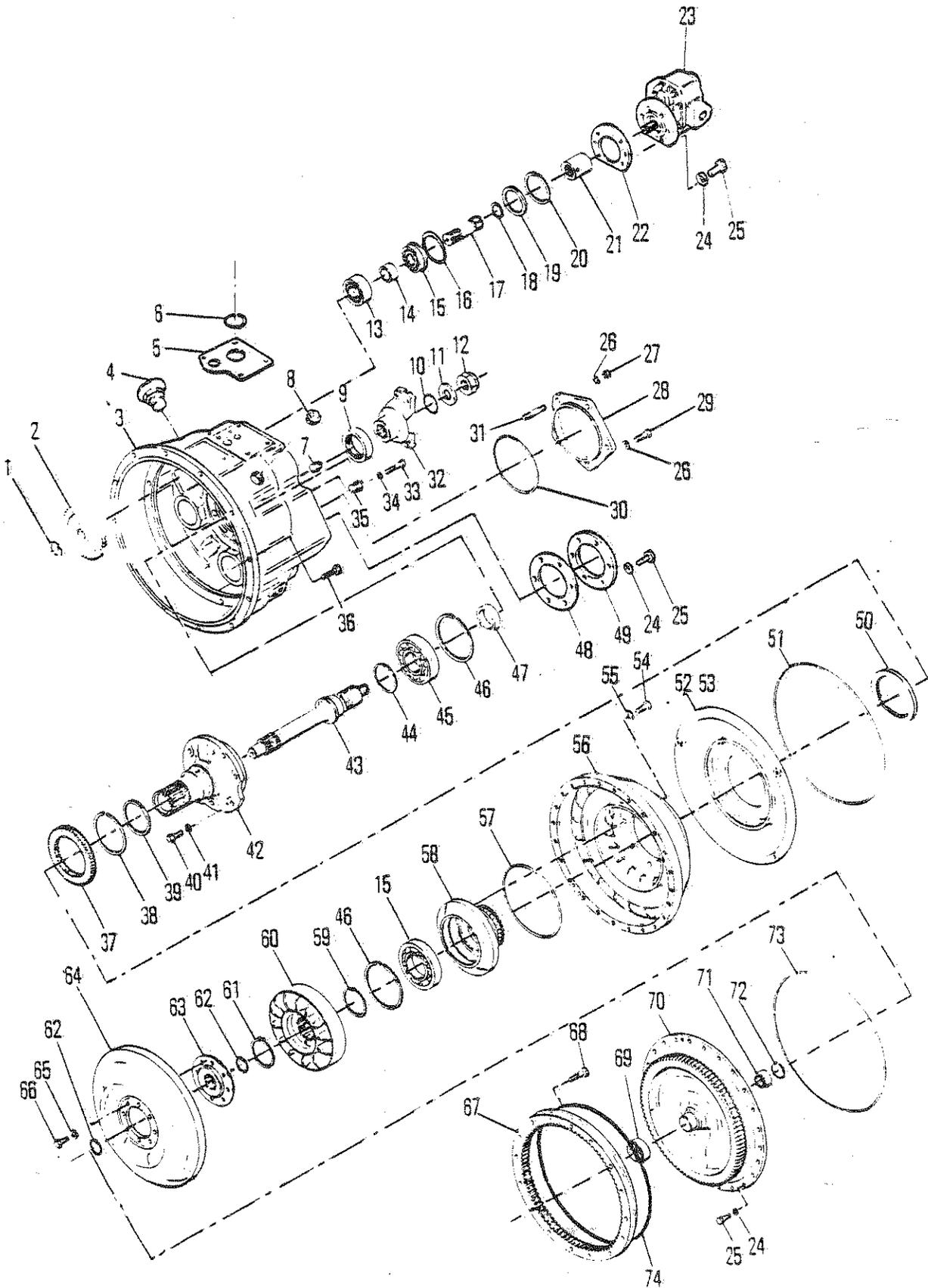
3 Inc 69

4 Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.  
 4 L'entretien du déflecteur en acier nécessite la trousse n 802003. Utilisez le joint du type acier 235593 avec le joint dy type aluminum n 237025 avec le déflecteur en aluminum.  
 4 Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminum Typ Nr. 237025.  
 4 Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.  
 4 El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

5 See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.  
 5 Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.  
 5 Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.  
 5 Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.  
 5 Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

6 Inc 59

7 Inc 1→52, 54→64, 69→73.



6559TP

**CONVERTER ASSEMBLY**  
**CONVERTISSEUR, ENSEMBLE**  
**DREHMOMENTWANDLER VOLLSTÄNDIG**  
**CONVERSOR DE TORQUE, CONJUNTO**  
**CONVERTIDOR DE PAR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	33C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
37	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
38	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
39	801984	1	Ring kit	ens de la couronne	Ringsatz	conjunto de anéis	conj anillo
40	1C000820	6	Screw	vis	Schraube	parafuso	tornillo
41	7E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	237405	1	Stator	stator	Stator	estator	estator
43	214983	1	Shaft	arbre	Welle	ávore	árbol
44	222079	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
45	239742	1	Bearing	palier	Lager	mancal	cojinete
46	214953	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
47	214984	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
48	223125	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
49	223124	2	Cover	couvercle	Deckel	tampa	tapa
50	235593	1	Seal oil	int étanchéité huile	Idichtung	vedação de óleo	sello de aceite
51	60K041200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
52	214925	1	Oil baffle	défecteur huile	Deflektor	defletor óleo	deflector aceite
53	802003	1	Baffle kit	jeu de défecteur	Deflektorsatz	jogo deflector	juego de deflector
54	4C000714	8	Screw	vis	Schraube	parafuso	tornillo
55	25E000019	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
56	214920	1	Impeller	impulseur	Pumprad	impulsor	impulsor
57	60K040616	1	O-ring	joint torique	O Ring	anel-O	anillo-O
58	214923	1	Hub	moyeu	Nabe	cubo	cubo
59	229566	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
60	801607	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jogo	espaciador jgo
61	743035	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
62	659065	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
63	214924	1	Hub	moyeu	Nabe	cubo	cubo
64	222684	1	Turbine	turbine	Turbine	turbina	turbina
65	619023	8	Washer	rondelle	Scheibe	arruela	arandela
66	209313	8	Screw	vis	Schraube	parafuso	tornillo
67	236936	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
68	240318	32	Bolt	boulon	Bolzen	parafuso	bulón
69	222006	1	Sleeve	manchon	Muffe	luva	manguito
70	801524	1	Cover	couvercle	Deckel	tampa	tapa

<sup>1</sup> Inc 24

<sup>2</sup> Inc. 237242 ring and 237243 spring  
<sup>2</sup> Compren anneau 237242 et ressort 237243  
<sup>2</sup> Hatte Ring 237242 und Feder 237243  
<sup>2</sup> Incl. o anel 237242 et a mola 237243  
<sup>2</sup> Inc. anillos 237242 y resortes 237243

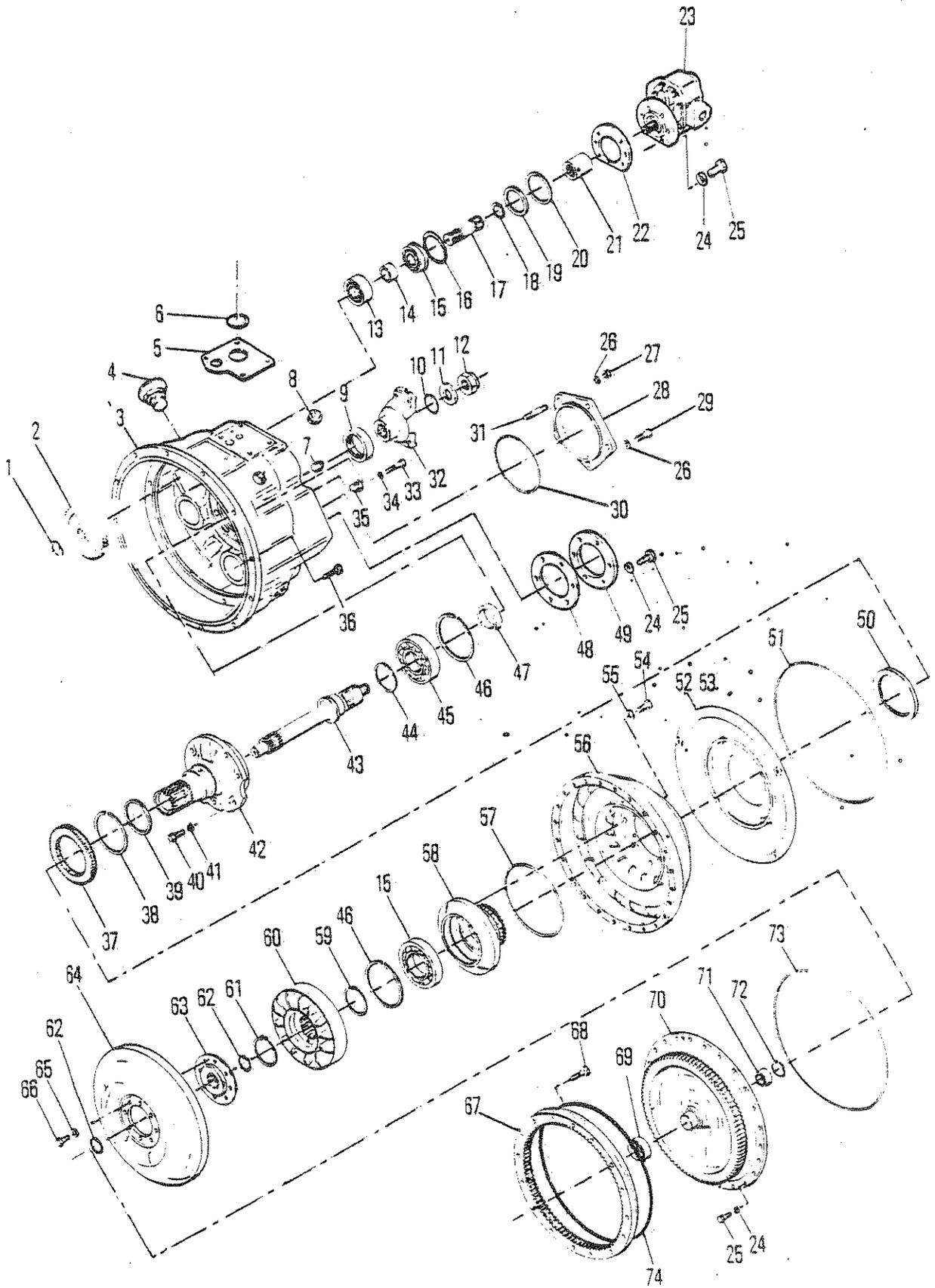
<sup>3</sup> Inc 69

<sup>4</sup> Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.  
<sup>4</sup> L'entretien du défecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium n° 237025 avec le défecteur en aluminium.  
<sup>4</sup> Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminium Typ Nr. 237025.  
<sup>4</sup> Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.  
<sup>4</sup> El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

<sup>5</sup> See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.  
<sup>5</sup> Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.  
<sup>5</sup> Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.  
<sup>5</sup> Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.  
<sup>5</sup> Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

<sup>6</sup> Inc 59

<sup>7</sup> Inc 1→52, 54→64, 69→73.



6559TP

**CONVERTER ASSEMBLY  
 CONVERTISSEUR, ENSEMBLE  
 DREHMOMENTWANDLER VOLLSTÄNDIG  
 CONVERSOR DE TORQUE, CONJUNTO  
 CONVERTIDOR DE PAR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
71	214988	1	Bearing	palier	Lager	mancal	cojinete
72	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
73	232535	1	Quad ring	anneau quadruple	Viererring	anel guad	anillo bastidor
74	<sup>5</sup> 236937	1	Ring	anneau	Ring	anel	anillo
75	<sup>+</sup> 237243	1	Spring	ressort	Feder	mola	resorte

<sup>1</sup> Inc 24

<sup>2</sup> Inc. 237242 ring and 237243 spring  
<sup>2</sup> Compren anneau 237242 et ressort 237243  
<sup>2</sup> Hatte Ring 237242 und Feder 237243  
<sup>2</sup> Incl. o anel 237242 et a mola 237243  
<sup>2</sup> Inc. anillos 237242 y resortes 237243

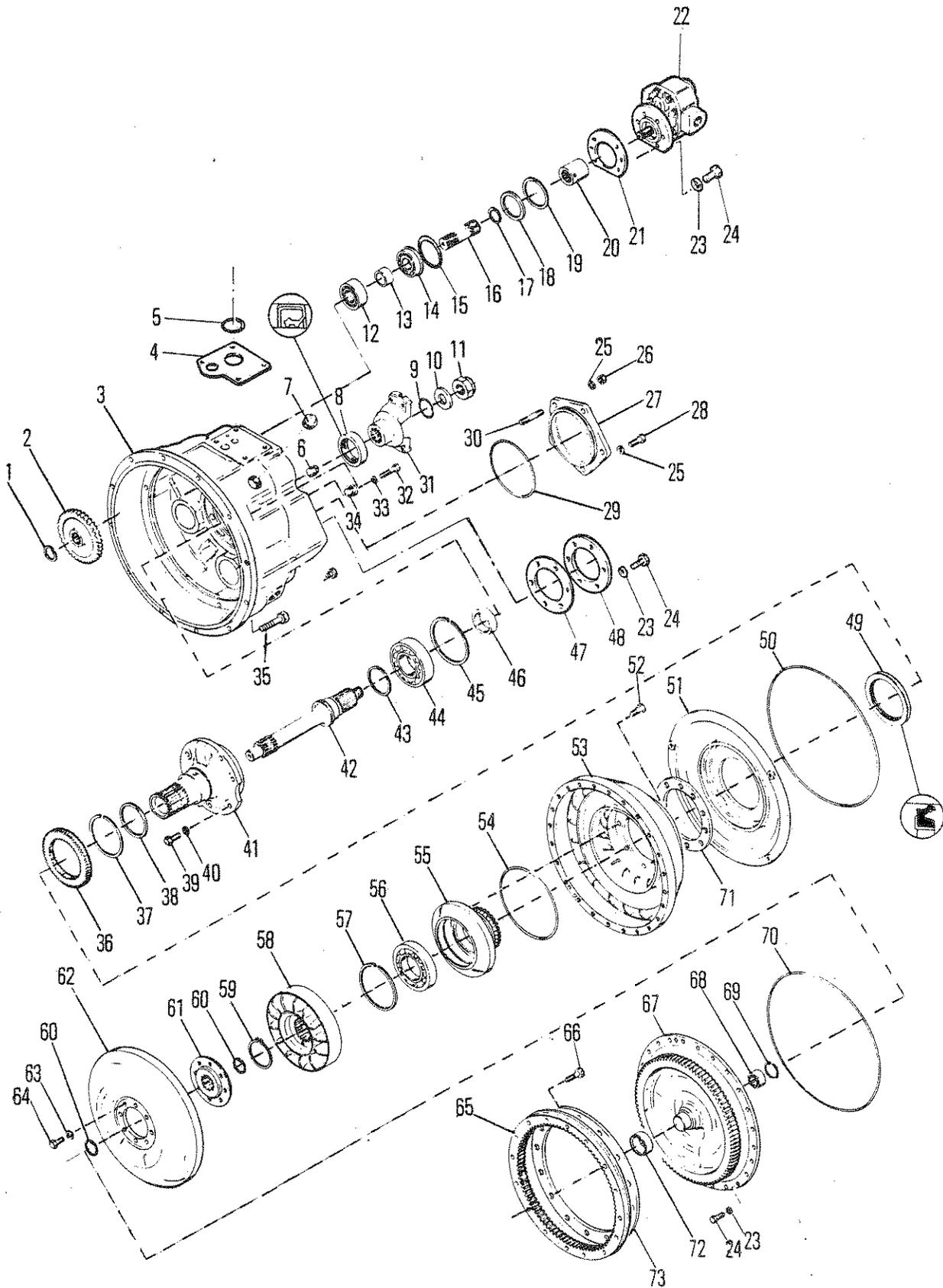
<sup>3</sup> Inc 69

<sup>4</sup> Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.  
<sup>4</sup> L'entretien du déflecteur en acier nécessite la trousse n 802003. Utilisez le joint du type acier 235593 avec le joint dy type aluminum n 237025 avec le déflecteur en aluminum.  
<sup>4</sup> Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man aine Dictung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminum Typ Nr. 237025.  
<sup>4</sup> Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.  
<sup>4</sup> El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

<sup>5</sup> See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.  
<sup>5</sup> Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.  
<sup>5</sup> Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.  
<sup>5</sup> Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituido.  
<sup>5</sup> Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

<sup>6</sup> Inc 59

<sup>7</sup> Inc. 1→52, 54→64, 69→73.



6621TP

**CONVERTER ASSEMBLY**  
**CONVERTISSEUR, ENSEMBLE**  
**DREHMOMENTWANDLER VOLLSTÄNDIG**  
**CONVERSOR DE TORQUE, CONJUNTO**  
**CONVERTIDOR DE PAR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1288856	1	Converter assy	convertisseur ens	Drehmntwndlr voll	conversor conj	convertidor conj
1	711298	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	214931	2	Gear pump drive	pompe dentr pign	Pumpenantriebsrad	acion bomba engr	engr bomba prop
3	214980	1	Housing	botier	Gehuse	carcaça	carcasa
4	214949	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	60K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
6	16F000008	1	Plug	bouchon	Stopfen	bujão	tapón
7	10F000016	4	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
8	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
9	60K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	102745	1	Washer	rondelle	Scheibe	arruela	arandela
11	216058	1	Nut	écrou	Mutter	porca	tuerca
12	214936	2	Bearing	palier	Lager	mancal	cojinete
13	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	214956	2	Bearing	palier	Lager	mancal	cojinete
15	214954	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
16	237548	2	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor
17	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
18	214929	2	Washer	rondelle	Scheibe	arruela	arandela
19	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
20	214962	1	Sleeve	manchon	Muffe	luva	manguito
21	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
22	238135	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
23	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	233128	34	Screw	vis	Schraube	parafuso	tornillo
25	4E000007	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
26	8D000007	2	Nut	écrou	Mutter	porca	tuerca
27	214979	1	Cover	couvercle	Deckel	tampa	tapa
28	1C000720	3	Screw	vis	Schraube	parafuso	tornillo
29	60K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
30	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
31	214987	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
32	1C000628	3	Screw	vis	Schraube	parafuso	tornillo
33	4E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	40K000002	5	Plug	bouchon	Stopfen	bujão	tapón
35	17C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
36	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
37	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
38	801984	1	Ring kit	ens de la couronne	Ringsatz	conjunto de anéis	conj anillo
39	1C000820	6	Screw	vis	Schraube	parafuso	tornillo
40	7E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
41	237405	1	Stator	stator	Stator	estator	estator
42	214983	1	Shaft	arbre	Welle	ávore	árbol
43	222079	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
44	239742	1	Bearing	palier	Lager	mancal	cojinete
45	238705	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención

<sup>1</sup> Inc 1→34, 36→55, 58→64, 67→72

<sup>2</sup> Inc 23

<sup>3</sup> Inc. 237242 ring and 237243 spring

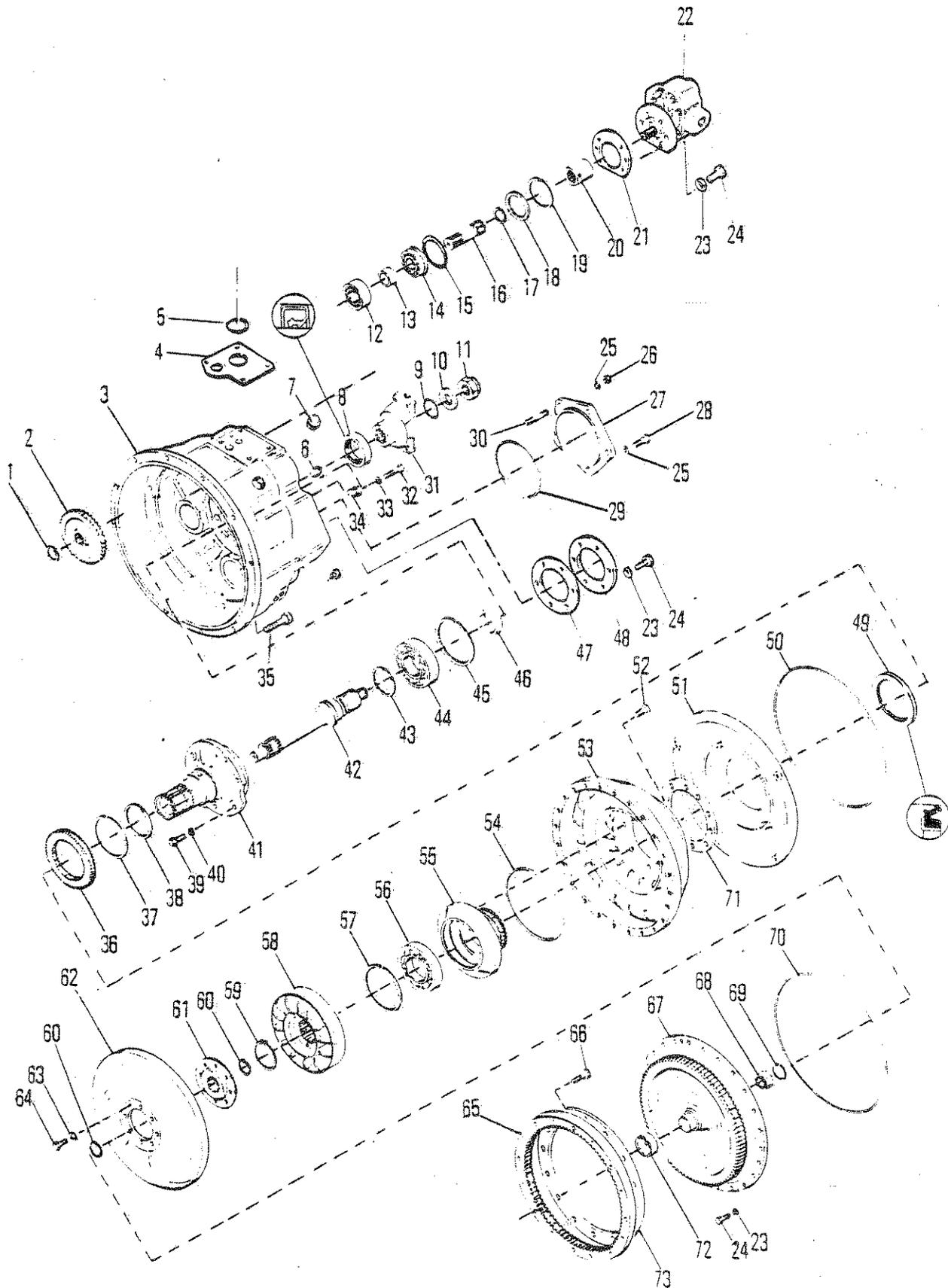
<sup>3</sup> Compren anneau 237242 et ressort 237243

<sup>3</sup> Hatte Ring 237242 und Feder 237243

<sup>3</sup> Incl. o anel 237242 et a moia 237243

<sup>3</sup> Inc. anillos 237242 y resortes 237243

<sup>4</sup> Inc 72



6621TP

**CONVERTER ASSEMBLY**  
**CONVERTISSEUR, ENSEMBLE**  
**DREHMOMENTWANDLER VOLLSTÄNDIG**  
**CONVERSOR DE TORQUE, CONJUNTO**  
**CONVERTIDOR DE PAR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	214984	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
47	223125	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
48	223124	2	Cover	couvercle	Deckel	tampa	tapa
49	237025	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
50	60K041200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
51	236532	1	Oil baffle	défecteur huile	Ideflektor	defletor óleo	deflector aceite
52	237233	12	Screw	vis	Schraube	parafuso	tornillo
53	237230	1	Impeller	impulseur	Pumprad	impulsor	impulsor
54	60K040624	1	O-ring	joint torique	O Ring	anel-O	anillo-O
55	237232	1	Hub	moyeu	Nabe	cubo	cubo
56	239743	1	Bearing	palier	Lager	mancal	cojinete
57	214953	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
58	237572	1	Reaction member	stator	Stator	estator	Estator
59	743035	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
60	659065	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
61	214924	1	Hub	moyeu	Nabe	cubo	cubo
62	223833	1	Turbine	turbine	Turbine	turbina	turbina
63	619023	8	Washer	rondelle	Scheibe	arruela	arandela
64	209313	8	Screw	vis	Schraube	parafuso	tornillo
65	236936	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
66	243970	32	Bolt	boulon	Bolzen	parafuso	bulón
67	801524	1	Cover	couvercle	Deckel	tampa	tapa
68	214988	1	Bearing	palier	Lager	mancal	cojinete
69	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
70	232535	1	Quad ring	anneau quadruple	Viererring	anel quad	anillo bastidor
71	236937	1	Ring	anneau	Ring	anel	anillo
72	222006	1	Sleeve	manchon	Muffe	luva	manguito
73	236937	1	Backing ring	anneau de renfort	Stützring	anel de apoio	anillo de respaldo
74	237243	1	Spring	ressort	Feder	mola	resorte
75	801227	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	seilo juego

1 Inc 1 → 34, 36 → 55, 58 → 64, 67 → 72

2 Inc 23

3 Inc. 237242 ring and 237243 spring

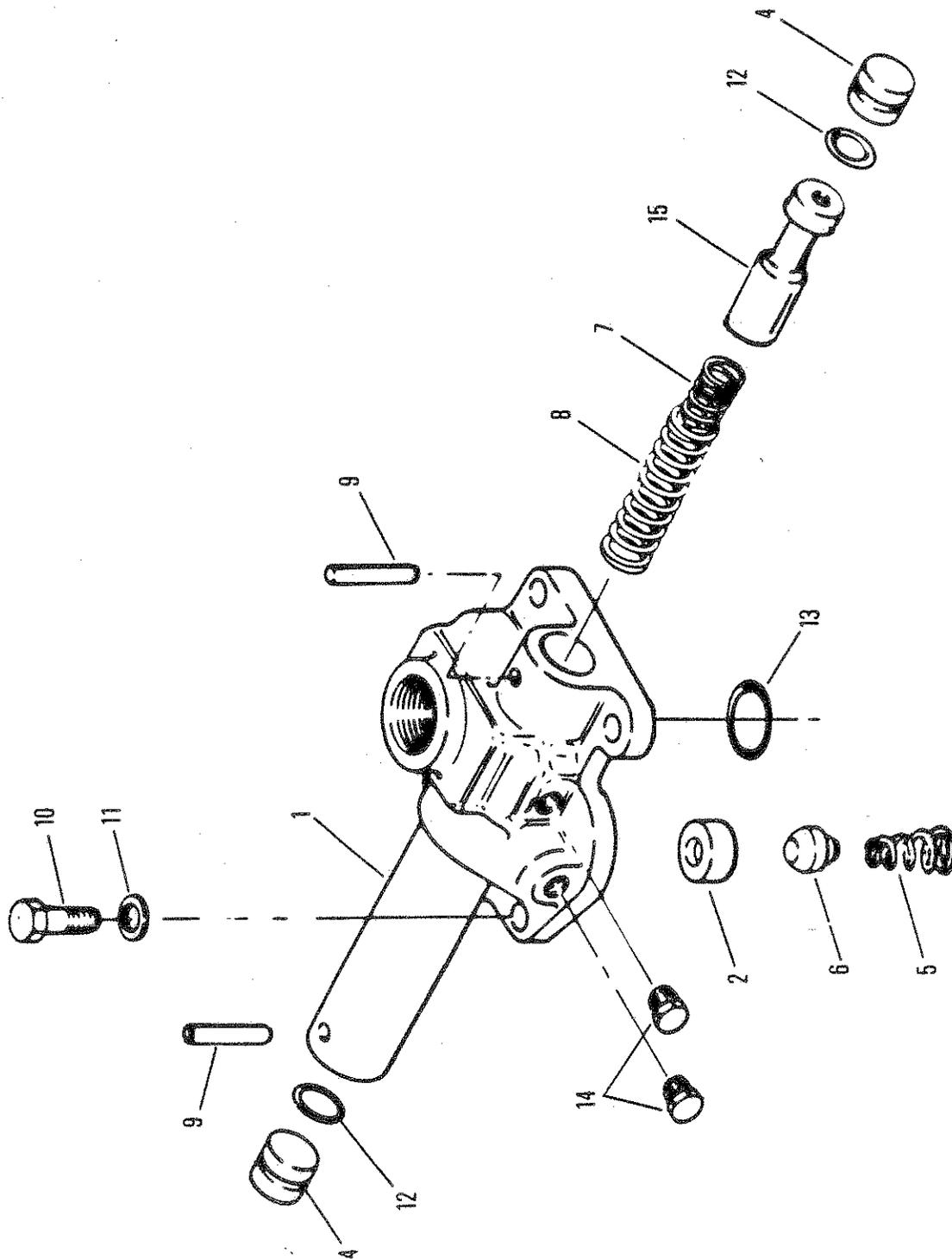
3 Compren anneau 237242 et ressort 237243

3 Hatte Ring 237242 und Feder 237243

3 Incl. o anel 237242 et a mola 237243

3 Inc. anillos 237242 y resortes 237243

4 Inc 72



5249TP

**REGULATOR VALVE  
VANNE RÉGULATRICE  
REGELVENTIL  
VÁLVULA DO REGULADOR  
VÁLVULA DEL REGULADOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1214943	1	Valve	soupape	Ventil	válvula	válvula
1	<sup>2</sup> S-----	1	Valve body	corps soupape	Ventil Körper	corpo válvua	cuerpo válvua
2	214946	1	Seat	sige	Sitz	assento	asiento
3	1214949	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
4	220983	2	Stop	butoir	Anschlag	batente	tope
5	222312	1	Spring	ressort	Feder	mola	resorte
6	222318	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
7	224368	1	Spring	ressort	Feder	mola	resorte
8	224369	1	Spring	ressort	Feder	mola	resorte
9	660178	2	Pin	goupille	Stift	pino	pasador
10	1C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
11	4E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	60K030018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
13	60K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
14	40K000002	2	Plug	bouchon	Stopfen	bujão	tapón
15	<sup>2</sup> S-----	1	Piston	piston	Kolben	pistão	pistón

<sup>1</sup> Inc 1, 2, 4, 9, 12 & 15

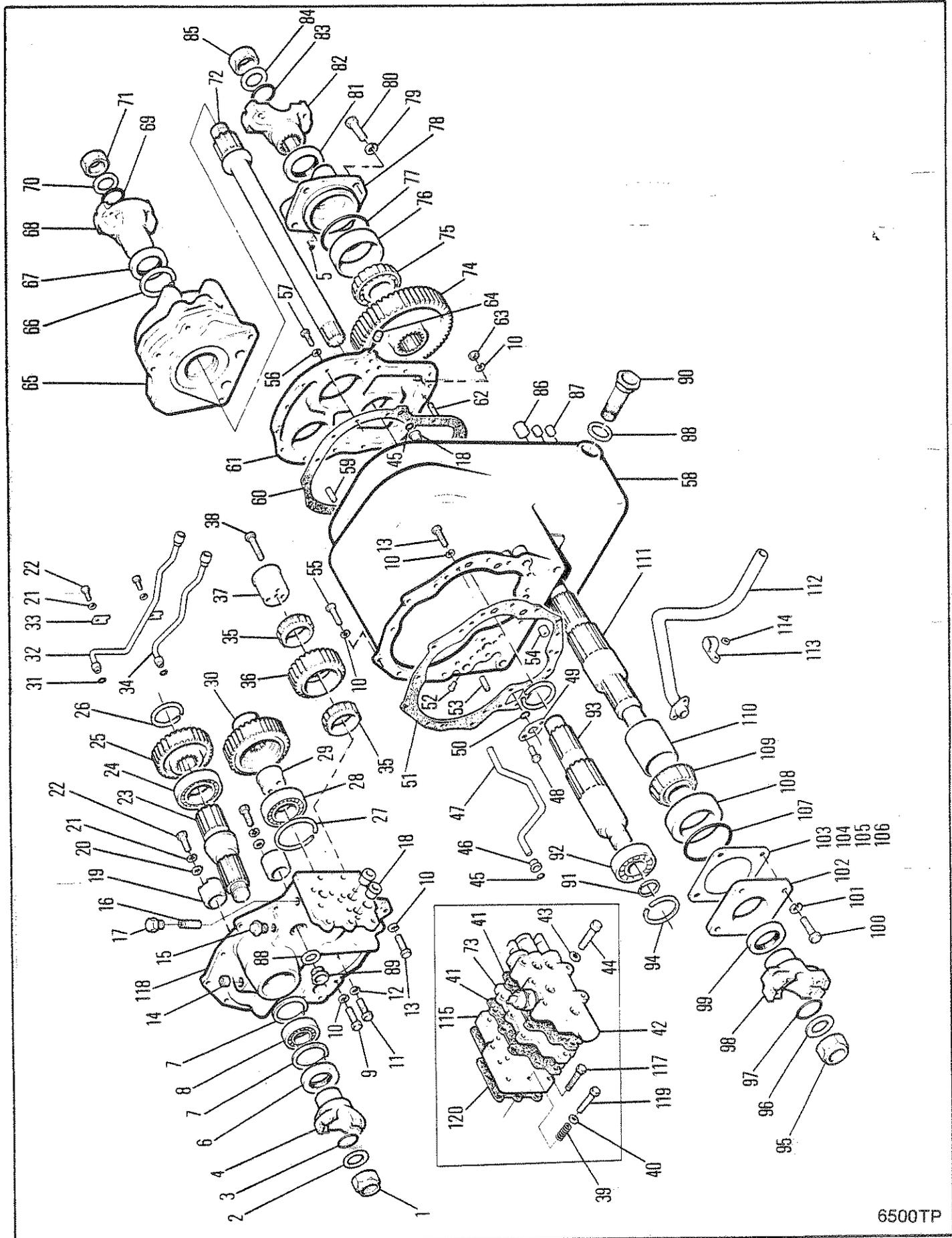
<sup>2</sup> See A

<sup>2</sup> Voir A

<sup>2</sup> Siehe A

<sup>2</sup> Veja A

<sup>2</sup> Véase A



6500TP

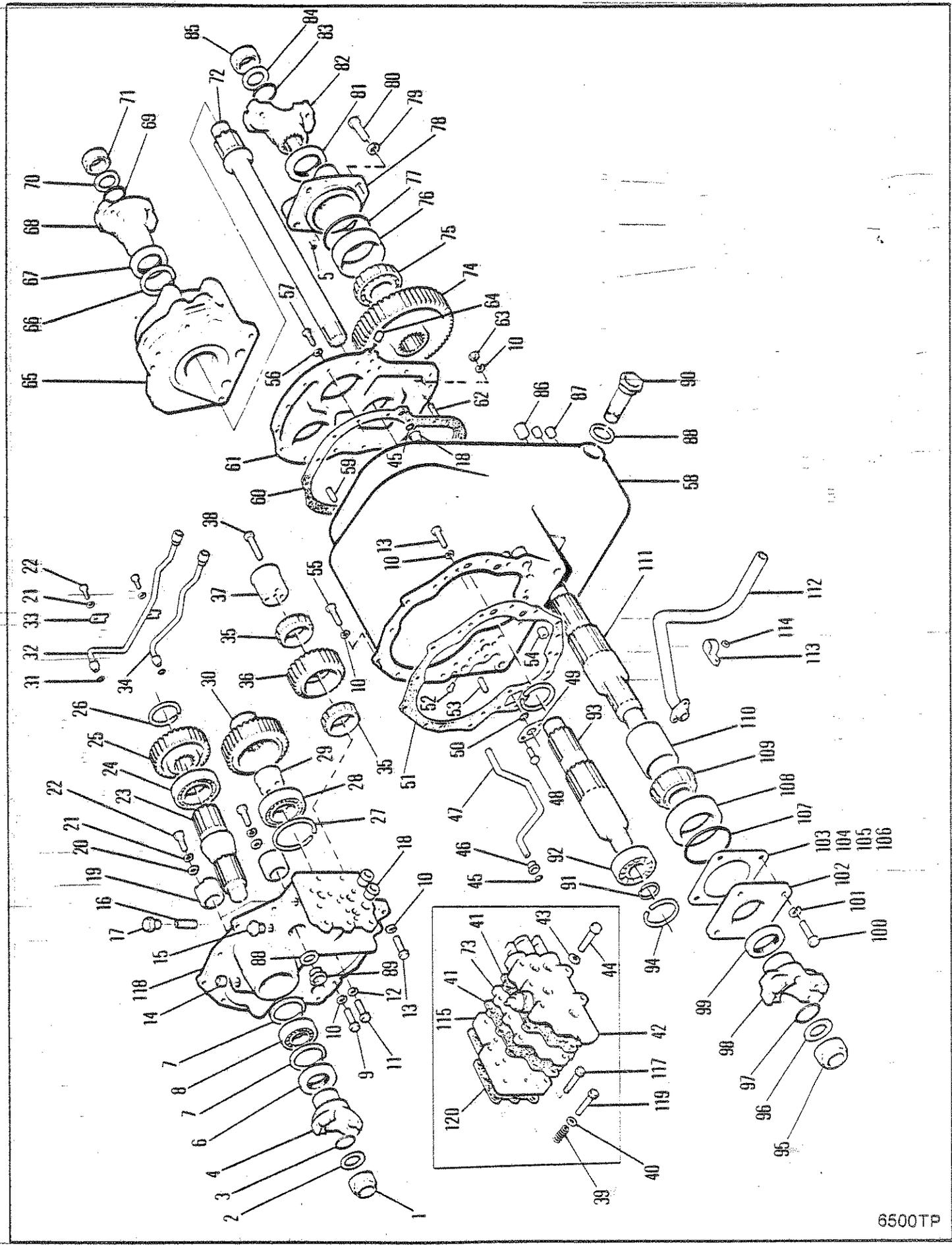
**TRANSMISSION ASSEMBLY-28000**  
**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMIÇÃO-28000**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	287720	1	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
1	216058	1	Nut	écrou	Mutter	porca	tuerca
2	102745	1	Washer	rondelle	Scheibe	arruela	arandela
3	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
4	231553	1	Flange input	bride entrée	Flansch Eingangs	flange entrada	platina entrada
5	25K030026	1	O-ring	joint torique	O Ring	anel-O	anillo-O
6	231798	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	223901	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
8	225603	1	Bearing	palier	Lager	mancal	cojinete
9	1C000744	4	Bolt	boulon	Bolzen	parafuso	bulón
10	4E000007	18	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	4C000720	2	Bolt	boulon	Bolzen	parafuso	bulón
12	743039	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	1C000720	10	Bolt	boulon	Bolzen	parafuso	bulón
14	16F000006	1	Plug	bouchon	Stopfen	bujão	tapón
15	238535	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
16	5K000816	1	Nipple	raccord	Nippel	niple	niple
17	22F000006	1	Cap	chapeau	Kappe	tampa	tapa
18	222067	2	Sleeve	manchon	Muffe	luva	manguito
19	237576	2	Sleeve	manchon	Muffe	luva	manguito
20	230851	2	Lock	serrure	Schloss	fechadura	cerradura
21	4E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	1C000510	4	Bolt	boulon	Bolzen	parafuso	bulón
23	231782	1	Shaft input	arbre entrée	Welle Antriebs	eixo entrada	eje entrada
24	231058	1	Bearing	palier	Lager	mancal	cojinete
25	238428	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
26	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
27	223925	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
28	225601	1	Bearing	palier	Lager	mancal	cojinete
29	231636	1	Shaft	arbre	Welle	ávore	árbol
30	231635	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
31	25K030012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
32	231629	1	Tube	tube	Rohr	tubo	tubo
33	231048	2	Clip	attache	Schelle	braçadeira	abrazadera
34	231628	1	Tube	tube	Rohr	tubo	tubo
35	231624	2	Race&Rollr assy	ass can et roul	Laufri&Rollen e	con e cj roletes	cj pista y rod
36	231633	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
37	234864	1	Shaft	arbre	Welle	ávore	árbol
38	3C000740	3	Bolt	boulon	Bolzen	parafuso	bulón
39	202200	2	Spring	ressort	Feder	mola	resorte
40	10J000012	3	Ball	bille	Kugel	esfera	bola
41	232490	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
42	0-----	1	Control valve	soupape de contrôle	Steuventil	válv de contr	valv de control
43	4E000006	9	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	1C000636	9	Bolt	boulon	Bolzen	parafuso	bulón
45	25K040026	2	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc. 10, 47 → 51, 112 & 113

2 Inc. 15, 19, 21, 22, 31 → 33

3 Inc 1 → 120



6500TP

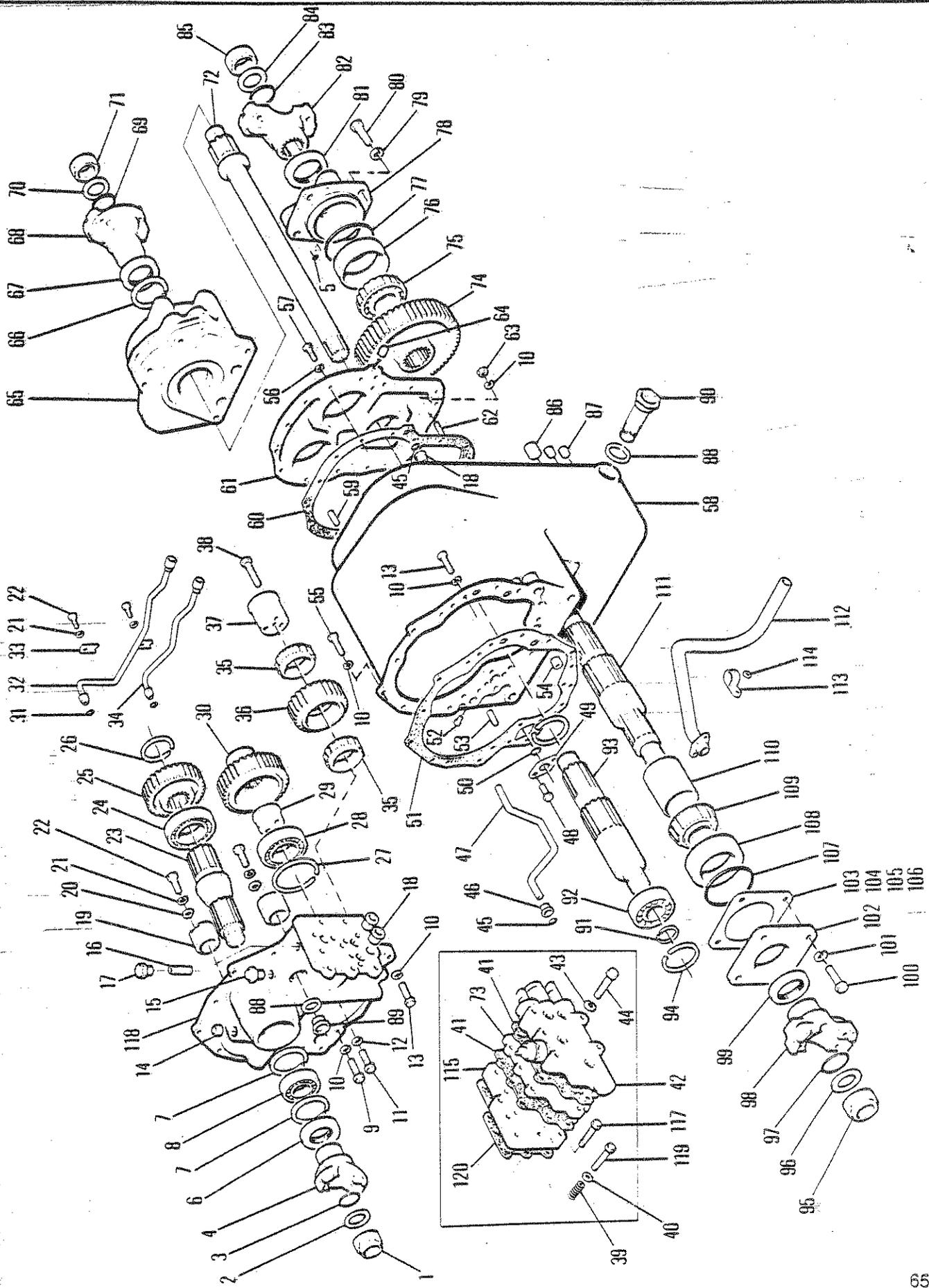
**TRANSMISSION ASSEMBLY-28000**  
**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMISIÓN-28000**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	222067	2	Sleeve	manchon	Muffe	luva	manguito
47	230900	1	Tube	tube	Rohr	tubo	tubo
48	4C000516	2	Bolt	boulon	Bolzen	parafuso	bulón
49	230921	1	Washer	rondelle	Scheibe	arruela	arandela
50	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
51	231606	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
52	1H000418	1	Rivet	rivet	Niet	rebite	remache
53	214295	2	Dowel pin	goujon	Zylinderstift	espiga	espiga
54	215757	1	Plug	bouchon	Stopfen	bujão	tapón
55	1C000728	4	Bolt	boulon	Bolzen	parafuso	bulón
56	26E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
57	17C000720	13	Screw	vis	Schraube	parafuso	tornillo
58	1231611	1	Trans case assy	ens corps transm	Getriebegehäuse voll	conj caixa transm	conj carcasa trans
59	214118	2	Dowel pin	goujon	Zylinderstift	espiga	espiga
60	242408	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
61	242404	1	Cover rear	couvercle AR	Deckel H	tampa TR	tapa TR
62	200991	2	Stud	goujon	Stift	prisioneiro	espárrago
63	64D000007	2	Nut	écrou	Mutter	porca	tuerca
64	16F000002	1	Plug	bouchon	Stopfen	bujão	tapón
65	O-----	1	Hyd brk&vlv assy	ass fr hy et sou	Hydr Brems&Vent E	freo hid e cj válv	conj frn hi vla
66	223862	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
67	206864	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
68	231059	1	Flange	bride	Flansch	flange	brida
69	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
70	102745	1	Washer	rondelle	Scheibe	arruela	arandela
71	216058	1	Nut	écrou	Mutter	porca	tuerca
72	237725	1	Shaft	arbre	Welle	ávore	árbol
73	232489	1	Plate	plaque	Platte	placa	placa
74	233652	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
75	1315447	1	Cone	cône	Kegel	cone	cono
76	742240	1	Cup	cuvette	Schale	capa	cubeta
77	25K040412	1	O-ring	joint torique	O Ring	anel-O	anillo-O
78	231817	1	Cap	chapeau	Kappe	tampa	tapa
79	4E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
80	1C000928	4	Bolt	boulon	Bolzen	parafuso	bulón
81	225823	1	Seal	joint étanchéité	Dichtung	vedador	sello
82	231136	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
83	25K060116	1	O-ring	joint torique	O Ring	anel-O	anillo-O
84	222179	1	Washer	rondelle	Scheibe	arruela	arandela
85	222960	1	Nut	écrou	Mutter	porca	tuerca
86	12F000012	1	Plug	bouchon	Stopfen	bujão	tapón
87	40K000004	2	Plug	bouchon	Stopfen	bujão	tapón
88	219373	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
89	219370	1	Plug	bouchon	Stopfen	bujão	tapón
90	231390	1	Screen	crible	Sieb	tela	tamiz

<sup>1</sup> Inc. 10, 47 → 51, 112 & 113

<sup>2</sup> Inc. 15, 19, 21, 22, 31 → 33

<sup>3</sup> Inc 1 → 120



6500TP

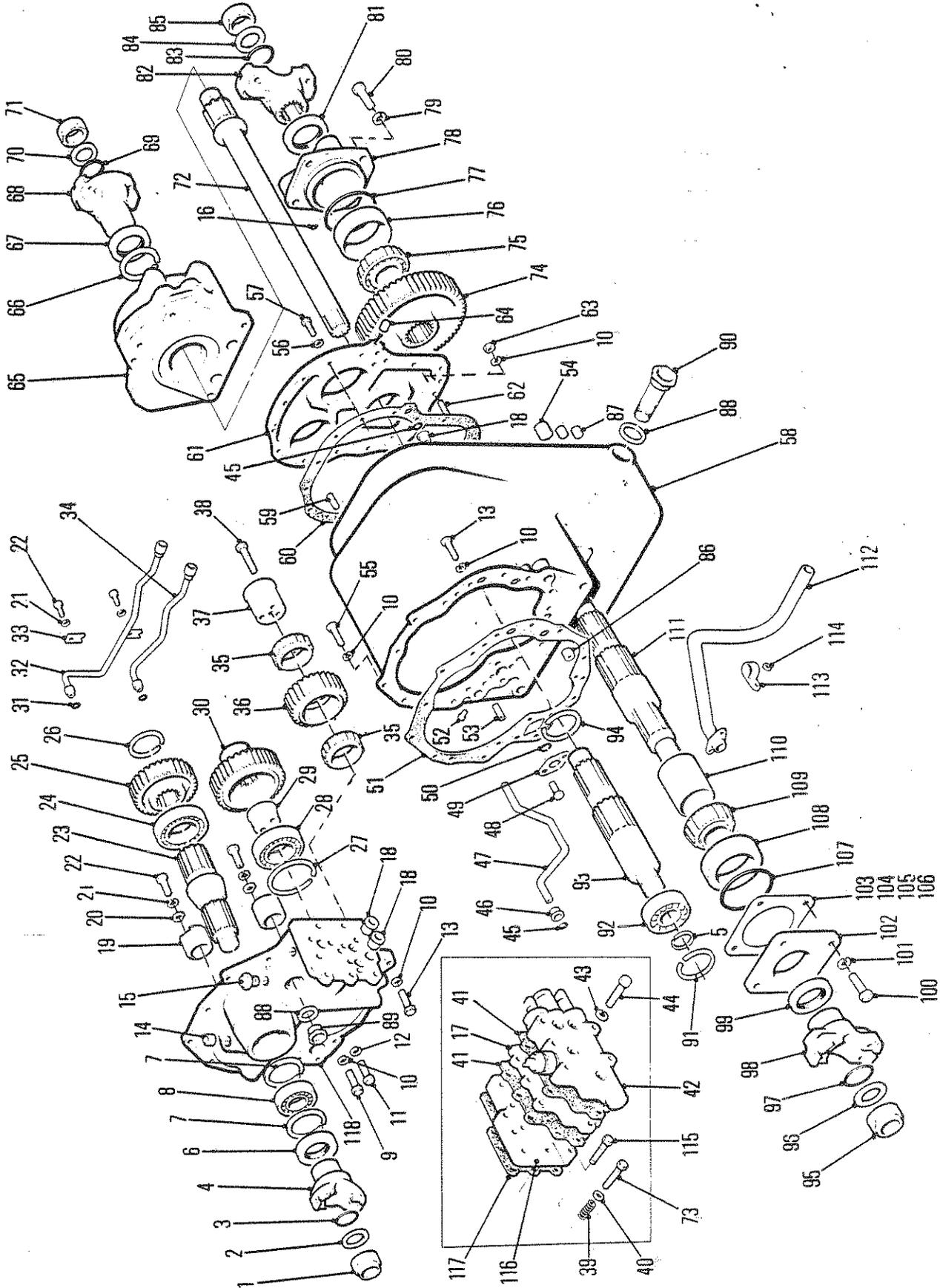
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**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMISSION-28000**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
91	224083	1	Ring	anneau	Ring	anel	anillo
92	743439	1	Bearing	palier	Lager	mancal	cojinete
93	231695	1	Idler shaft	arbre fou	Leerlaufwelle	eixo louco	eje loco
94	224065	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
95	222960	1	Nut	écrou	Mutter	porca	tuerca
96	222179	1	Washer	rondelle	Scheibe	arruela	arandela
97	25K060116	1	O-ring	joint torique	O Ring	anel-O	anillo-O
98	231136	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
99	230954	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
100	1C000920	4	Screw	vis	Schraube	parafuso	tornillo
101	4E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
102	231818	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
103	±231848	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
104	±231849	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
105	±231850	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
106	±231851	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
107	25K040400	1	O-ring	joint torique	O Ring	anel-O	anillo-O
108	666697	1	Cup	cuvette	Schale	capa	cubeta
109	1314713	1	Cone	cône	Kegel	cone	cono
110	231405	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
111	231406	1	Shaft output	arbre sortie	Welle Leistungs	eixo saída	eje salida
112	234836	1	Tube	tube	Rohr	tubo	tubo
113	6H000036	1	Clip	attache	Schelle	braçadeira	abrazadera
114	25E000013	1	Washer	rondelle	Scheibe	arruela	arandela
115	232488	1	Housing	botier	Gehuse	carcaça	carcasa
116	±5C000622	4	Screw&lockwasher	vis&rondelle-frn	Schraube&Siche schr	paraf&arr trav	torn&aran seq
117	232489	1	Plate	plaque	Platte	placa	placa
118	±231630	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
119	11G000612	5	Screw	vis	Schraube	parafuso	tornillo
120	232491	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
121	801801	1	Kit	jeu	Satz	jogo	juego

1 Inc. 10, 47 → 51, 112 & 113

2 Inc. 15, 19, 21, 22, 31 → 33

3 Inc. 1 → 120



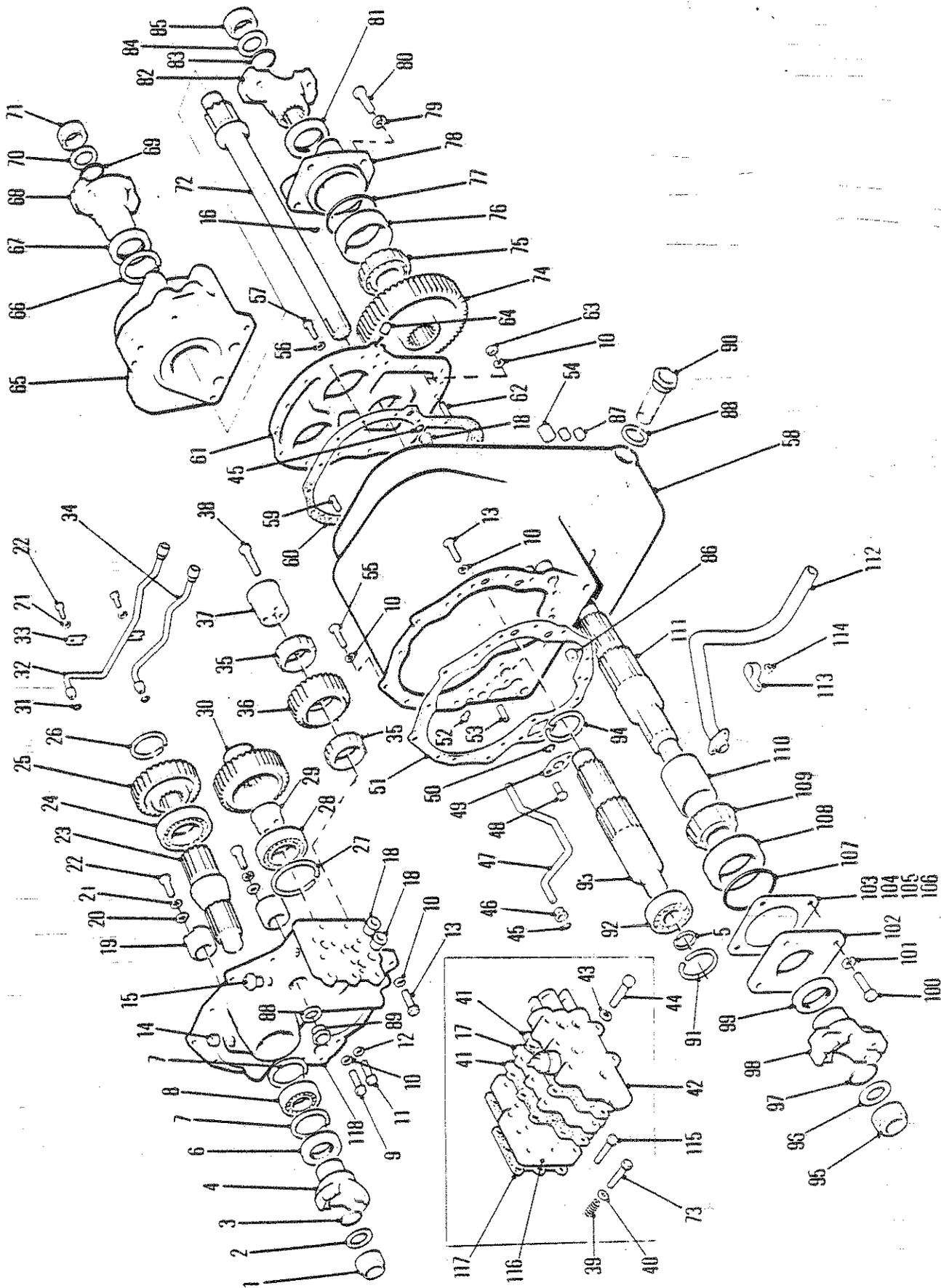
6500TP

**TRANSMISSION ASSEMBLY-28000**  
**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMISIÓN**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	289268	1	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
B	801801	1	Seal & gasket kit				
1	216058	1	Nut	écrou	Mutter	porca	tuerca
2	102745	1	Washer	rondelle	Scheibe	arruela	arandela
3	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
4	231553	1	Flange input	bride entrée	Flansch Eingangs	flange entrada	platina entrada
5	223901	1	Ring	anneau	Ring	anel	anillo
6	231798	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	223901	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
8	225603	1	Bearing	palier	Lager	mancal	cojinete
9	1C000744	4	Bolt	boulon	Bolzen	parafuso	bulón
10	4E000007	18	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	4C000720	2	Bolt	boulon	Bolzen	parafuso	bulón
12	743039	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	1C000728	10	Bolt	boulon	Bolzen	parafuso	bulón
14	10F000016	1	Plug	bouchon	Stopfen	bujão	tapón
15	238535	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
16	25K030026	1	O-ring	joint torique	O Ring	anel-O	anillo-O
17	232489	1	Plate	plaque	Platte	placa	placa
18	222067	2	Sleeve	manchon	Muffe	luva	manguito
19	237576	2	Sleeve	manchon	Muffe	luva	manguito
20	230851	2	Lock	serrure	Schloss	fechadura	cerradura
21	4E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	1C000510	4	Bolt	boulon	Bolzen	parafuso	bulón
23	231782	1	Shaft input	arbre entrée	Welle Antriebs	eixo entrada	eje entrada
24	241684	1	Bearing	palier	Lager	mancal	cojinete
25	241685	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
26	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
27	223925	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
28	225601	1	Bearing	palier	Lager	mancal	cojinete
29	231636	1	Shaft	arbre	Welle	ávore	árbol
30	241681	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
31	25K030012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
32	231629	1	Tube	tube	Rohr	tubo	tubo
33	231048	2	Clip	attache	Schelle	braçadeira	abrazadera
34	231628	1	Tube	tube	Rohr	tubo	tubo
35	231624	2	Race&Rollr assy	ass can et roul	Laufrig&Rollen e	con e cj roletes	conj pista y rod
36	241680	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
37	234864	1	Shaft	arbre	Welle	ávore	árbol
38	3C000740	3	Bolt	boulon	Bolzen	parafuso	bulón
39	202200	2	Spring	ressort	Feder	mola	resorte
40	10J000012	3	Ball	bille	Kugel	esfera	bola
41	232490	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
42	○-----	1	Control valve	soupape de contrôle	Steuventil	válv de contr	valv de control
43	4E000006	9	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	1C000636	9	Bolt	boulon	Bolzen	parafuso	bulón
45	25K040026	2	O-ring	joint torique	O Ring	anel-O	anillo-O

<sup>1</sup> Inc. 10, 47⇒51, 112 & 113

<sup>2</sup> Inc. 15, 19, 21, 22, 31⇒33



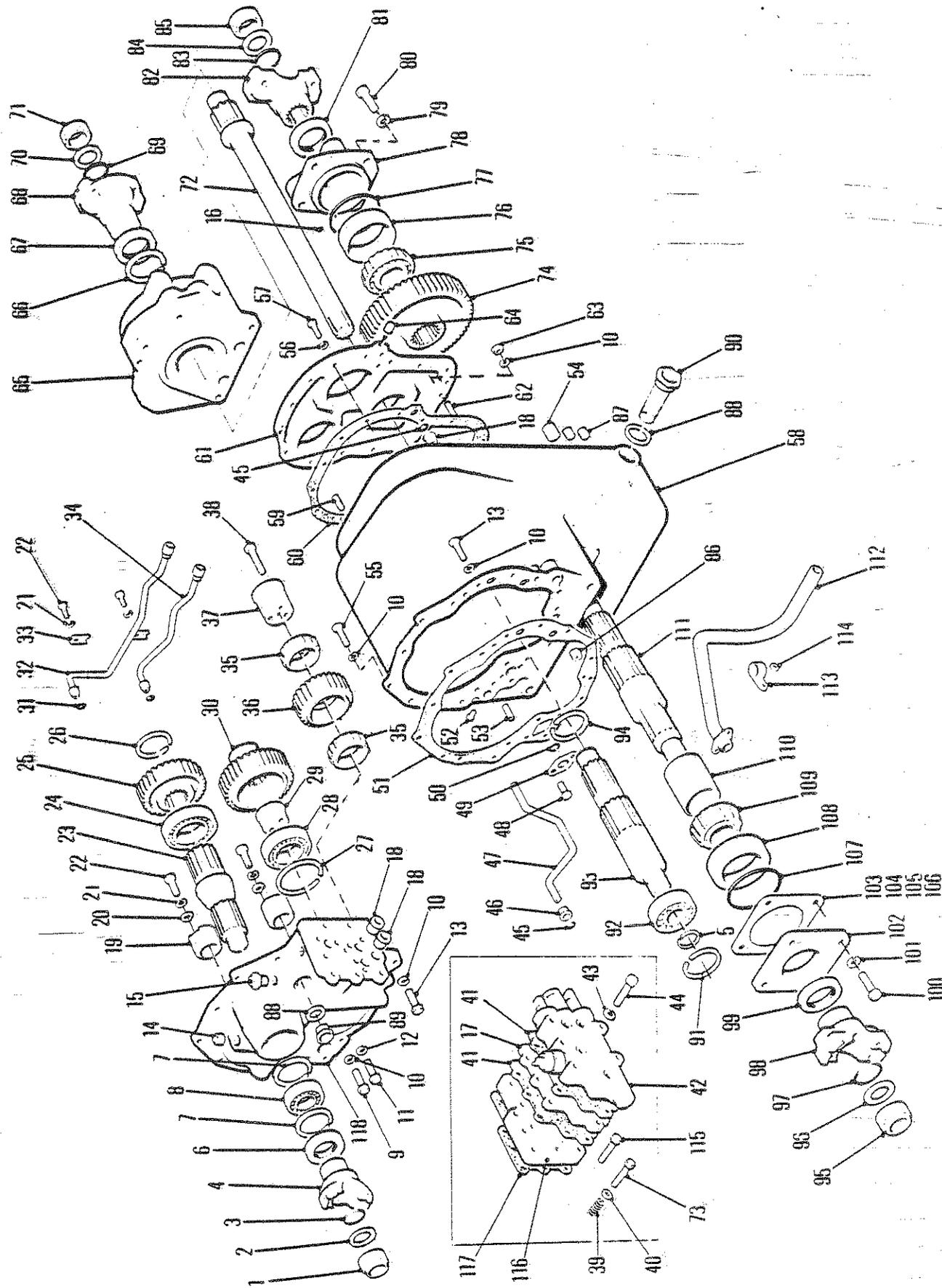
6500TP

**TRANSMISSION ASSEMBLY-28000**  
**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMIÇÃO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	222067	2	Sleeve	manchon	Muffe	luva	manguito
47	230900	1	Tube	tube	Rohr	tubo	tubo
48	4C000516	2	Bolt	boulon	Bolzen	parafuso	bulón
49	230921	1	Washer	rondelle	Scheibe	arruela	arandela
50	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
51	231606	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
52	1H000418	1	Rivet	rivet	Niet	rebite	remache
53	214295	2	Dowel pin	goujon	Zylinderstift	espiga	espiga
54	215757	1	Plug	bouchon	Stopfen	bujão	tapón
55	1C000720	4	Bolt	boulon	Bolzen	parafuso	bulón
56	26E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
57	17C000720	13	Screw	vis	Schraube	parafuso	tornillo
58	1231611	1	Trans case assy	ens corps transm	Getriebegehäuse voll	conj caixa transm	conj carcasa trans
59	214118	2	Dowel pin	goujon	Zylinderstift	espiga	espiga
60	242408	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
61	242404	1	Cover rear	couvercle AR	Deckel H	tampa TR	tapa TR
62	200991	2	Stud	goujon	Stift	prisioneiro	espárrago
63	64D000007	2	Nut	écrou	Mutter	porca	tuerca
64	239244	1	Plug	bouchon	Stopfen	bujão	tapón
65	O-----	1	Hyd brk&vlv assy	ass fr hy et sou	Hydr Brems&Vent E	freo hid e cj válv	conj frn hi vía
66	223862	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
67	206864	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
68	231553	1	Flange	bride	Flansch	flange	brida
69	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
70	102745	1	Washer	rondelle	Scheibe	arruela	arandela
71	216058	1	Nut	écrou	Mutter	porca	tuerca
72	237725	1	Shaft	arbre	Welle	ávore	árbol
73	11G000612	5	Screw	vis	Schraube	parafuso	tornillo
74	233652	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
75	1315447	1	Cone	cône	Kegel	cone	cono
76	742240	1	Cup	cuvette	Schale	capa	cubeta
77	25K040412	1	O-ring	joint torique	O Ring	anel-O	anillo-O
78	231817	1	Cap	chapeau	Kappe	tampa	tapa
79	4E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
80	1C000928	4	Bolt	boulon	Bolzen	parafuso	bulón
81	225823	1	Seal	joint étanchéité	Dichtung	vedador	sello
82	231136	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
83	25K060116	1	O-ring	joint torique	O Ring	anel-O	anillo-O
84	222179	1	Washer	rondelle	Scheibe	arruela	arandela
85	222960	1	Nut	écrou	Mutter	porca	tuerca
86	12F000012	1	Plug	bouchon	Stopfen	bujão	tapón
87	40K000004	2	Plug	bouchon	Stopfen	bujão	tapón
88	219373	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
89	219370	1	Plug	bouchon	Stopfen	bujão	tapón
90	231390	1	Screen	crible	Sieb	tela	tamiz

<sup>1</sup> Inc. 10, 47⇒51, 112 & 113

<sup>2</sup> Inc. 15, 19, 21, 22, 31⇒33



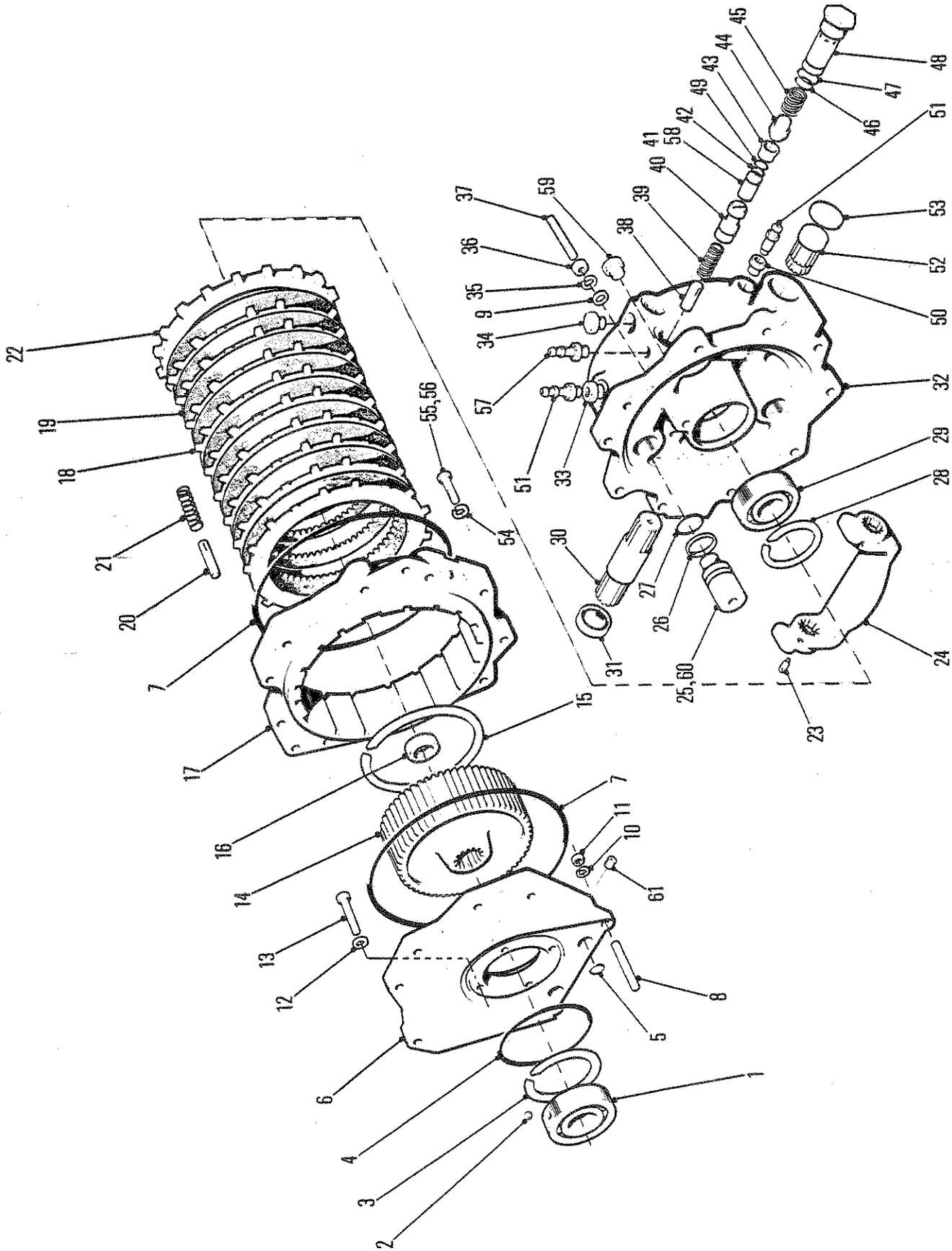
6500TP

**TRANSMISSION ASSEMBLY-28000**  
**ENSEMBLE DE TRANSMISSION-28000**  
**GETRIEBEREGLERDECKEL-28000**  
**CONJUNTO DA TRANSMISSÃO-28000**  
**CONJUNTO DE TRANSMIÇÃO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
91	224083	1	Ring	anneau	Ring	anel	anillo
92	743439	1	Bearing	palier	Lager	mancal	cojinete
93	231695	1	Idler shaft	arbre fou	Leerlaufwelle	eixo louco	eje loco
94	224065	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
95	222960	1	Nut	écrou	Mutter	porca	tuerca
96	222179	1	Washer	rondelle	Scheibe	arruela	arandela
97	25K060116	1	O-ring	joint torique	O Ring	anel-O	anillo-O
98	231136	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina salida
99	230954	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
100	1C000920	4	Screw	vis	Schraube	parafuso	tornillo
101	4E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
102	231818	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
103	±231848	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
104	±231849	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
105	±231850	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
106	±231851	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
107	25K040400	1	O-ring	joint torique	O Ring	anel-O	anillo-O
108	666697	1	Cup	cuvette	Schale	capa	cubeta
109	1314713	1	Cone	cône	Kegel	cono	cono
110	231405	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
111	231406	1	Shaft output	arbre sortie	Welle Leistungs	eixo saída	eje salida
112	234836	1	Tube	tube	Rohr	tubo	tubo
113	6H000036	1	Clip	attache	Schelle	braçadeira	abrazadera
114	25E000013	1	Washer	rondelle	Scheibe	arruela	arandela
115	5C000622	4	Screw&lockwsher	vis&rondelle-frn	Schraube&Siche schr	paraf&arr trav	torn&aran seg
116	232488	1	Housing	botier	Gehuse	carcaça	carcasa
117	232491	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
118	231630	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj

1 Inc. 10, 47→51, 112 & 113

2 Inc. 15, 19, 21, 22, 31→33



6479TP

**TRANSMISSION HYDRAULIC BRAKE**  
**TRANSMISSION FREIN HYDRA**  
**DETREIBE HYDRAULIKBREMSE**  
**TRANSMISSAO FEIO HIDRAU**  
**TRANSMISION FRENO HIDRAU**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	231741	1	Hyd brk&viv assy	ass fr hy et sou	Hydr Brems&Vent E	freo hid e cj válv	conj frn hi via
B	231752	1	Hyd brake assy	frein hydraulique ens	Hydraulkbrmse vollst	freio hidráulic conj	freno hidráulic conj
1	231646	1	Bearing	palier	Lager	mancal	cojinete
2	10J000015	1	Ball	bille	Kugel	esfera	boia
3	230952	1	Ring	anneau	Ring	anel	anillo
4	60K040608	1	O-ring	joint torique	O Ring	anel-O	anillo-O
5	60K040108	2	O-ring	joint torique	O Ring	anel-O	anillo-O
6	233888	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
7	60K040916	2	O-ring	joint torique	O Ring	anel-O	anillo-O
8	233895	2	Stud	goujon	Stift	prisioneiro	espárrago
9	106547	4	Washer	rondelle	Scheibe	arruela	arandela
10	4E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	64D000010	2	Nut	écrou	Mutter	porca	tuerca
12	619023	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	233534	4	Screw	vis	Schraube	parafuso	tornillo
14	237749	1	Hub	moyeu	Nabe	cubo	cubo
15	217509	1	Ring	anneau	Ring	anel	anillo
16	231639	1	Nut	écrou	Mutter	porca	tuerca
17	231693	1	Housing	botier	Gehuse	carcaça	carcasa
18	232394	8	Disc	disque	Scheibe	disco	disco
19	227495	8	Disc	disque	Scheibe	disco	disco
20	231055	6	Pin	goupille	Stift	pino	pasador
21	234834	6	Spring	ressort	Feder	mola	resorte
22	231699	1	Plate	plaque	Platte	placa	placa
23	201607	2	Screw	vis	Schraube	parafuso	tornillo
24	235435	1	Yoke	chape	Joch	garfo	horqueta
25	3†801941	3	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
26	231701	3	Ring	anneau	Ring	anel	anillo
27	76K000023	6	O-ring	joint torique	O Ring	anel-O	anillo-O
28	223881	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
29	237972	1	Bearing	palier	Lager	mancal	cojinete
30	231704	1	Shaft	arbre	Welle	ávore	árbol
31	231708	1	Seal	joint étanchéité	Dichtung	vedador	sello
32	231692	1	Cover	couvercle	Deckel	tampa	tapa
33	238425	1	Seat	sige	Sitz	assento	asiento
34	47K000005	2	Plug	bouchon	Stopfen	bujão	tapón
35	231709	1	Washer	rondelle	Scheibe	arruela	arandela
36	61D000006	1	Nut	écrou	Mutter	porca	tuerca
37	231705	1	Screw	vis	Schraube	parafuso	tornillo
38	238270	1	Stop	butoir	Anschlag	batente	tope
39	231034	1	Spring	ressort	Feder	mola	resorte
40	240978	1	Spool	tiroir	Spule	carretel	carrete
41	4801942	1	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
42	76K000013	1	O-ring	joint torique	O Ring	anel-O	anillo-O
43	227881	1	Cup	cuvette	Schale	capa	cubeta
44	240979	1	Expander	expandeur	Dehner	expansor	expansor
45	4200080	1	Spring	ressort	Feder	mola	resorte

1 Inc 25→27, 32, 33, 38→51 & 57

2 Inc 1→60

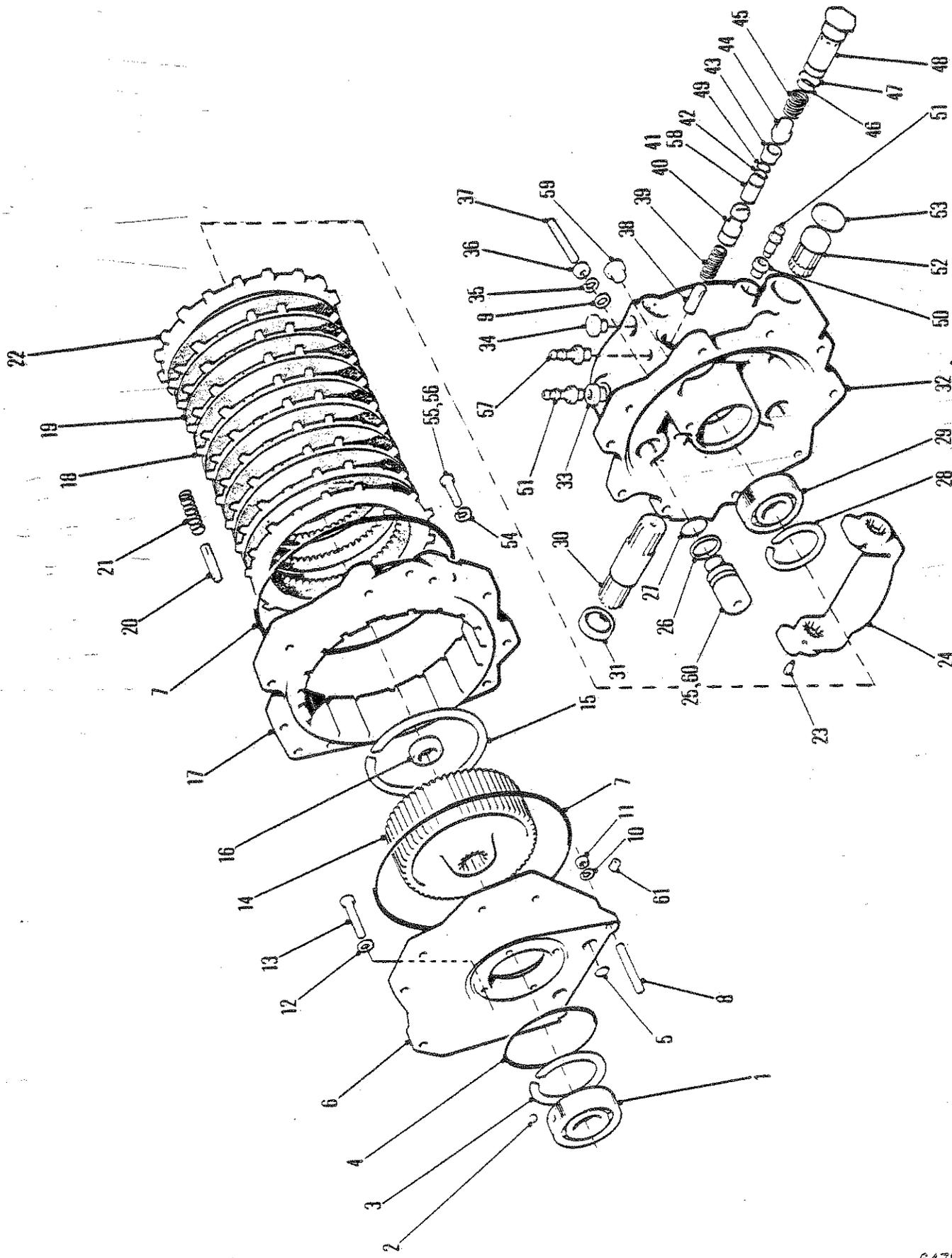
3 Inc 26, 27 & 58

4 Inc 42 & 59

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC→559A-9999-CAC  
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 548A-101-CAC→548A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
 552A-101-CAC→552A-9999-CAC



6479TP

**TRANSMISSION HYDRAULIC BRAKE**  
**TRANSMISSION FREIN HYDRA**  
**DETREIBE HYDRAULIKBREMSE**  
**TRANSMISSAO FEIO HIDRAU**  
**TRANSMISSION FRENO HIDRAU**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	231331	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzsatz	jogo coroa&pinhão	jg corona&pasador
47	76K000017	1	O-ring	joint torique	O Ring	anel-O	anillo-O
48	239493	1	Housing	botier	Gehuse	carcaça	carcasa
49	237331	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
50	238426	1	Seat	sige	Sitz	assento	asiento
51	641297	2	Bleed screw	vis de fuite	Lüftungsschraube	parafuso sangria	tornillo purga
52	231703	1	Shaft	arbre	Welle	ávore	árbol
53	231751	1	Plug	bouchon	Stopfen	bujão	tapón
54	4E000007	12	Washer	rondelle	Scheibe	arruela	arandela
55	1C000752	10	Screw	vis	Schraube	parafuso	tornillo
56	1C000720	2	Screw	vis	Schraube	parafuso	tornillo
57	892250	1	Bleed screw	vis de fuite	Lüftungsschraube	parafuso sangria	tornillo purga
58	236893	3	Piston	piston	Kolben	pistão	pistón
59	24K000004	1	Plug	bouchon	Stopfen	bujão	tapón
60	236892	3	Piston	piston	Kolben	pistão	pistón
61	11F000008	1	Plug	bouchon	Stopfen	bujão	tapón
62	801805	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
63	57K000008	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc 25⇒27, 32, 33, 38⇒51 & 57

2 Inc 1⇒60

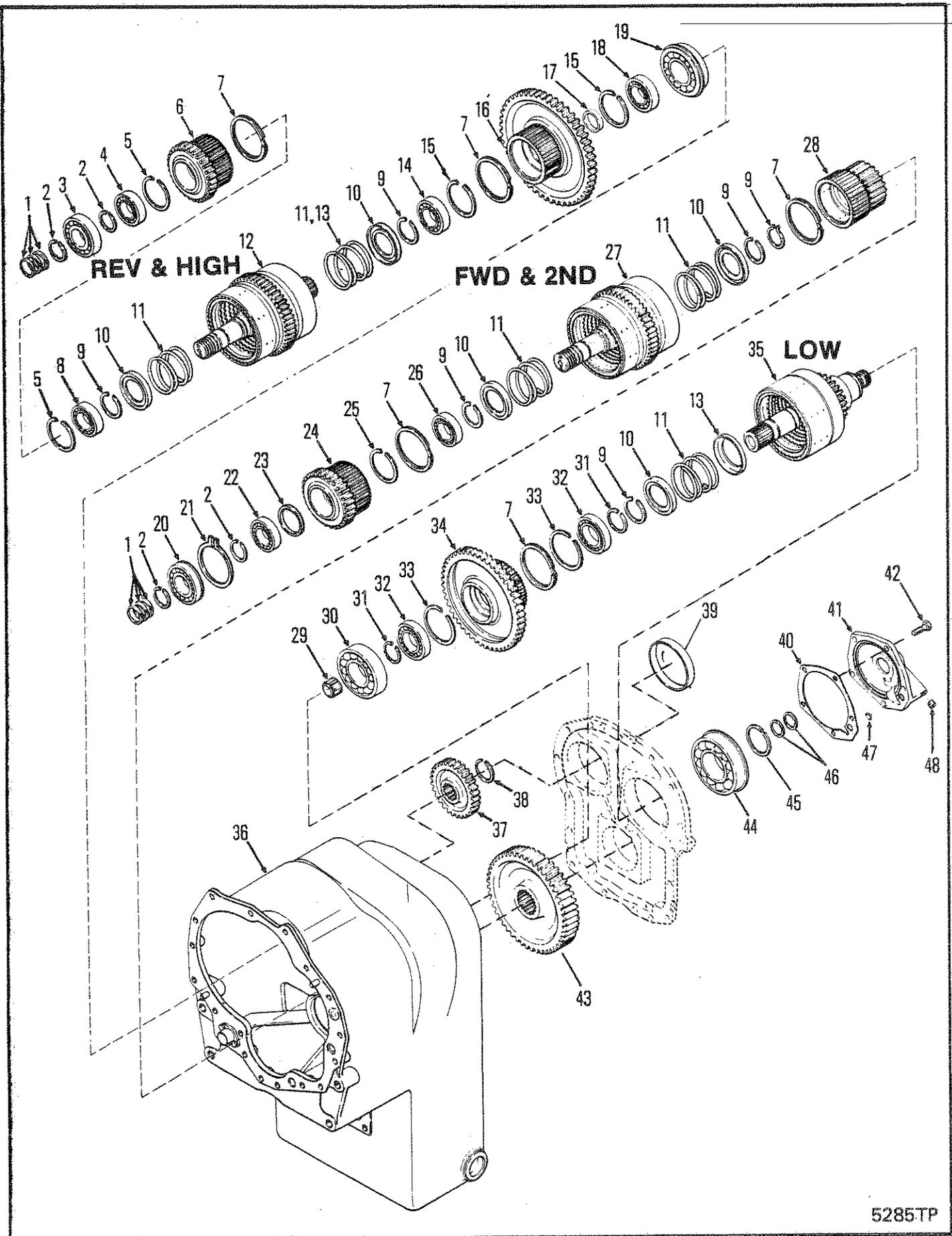
3 Inc 26, 27 & 58

4 Inc 42 & 59

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
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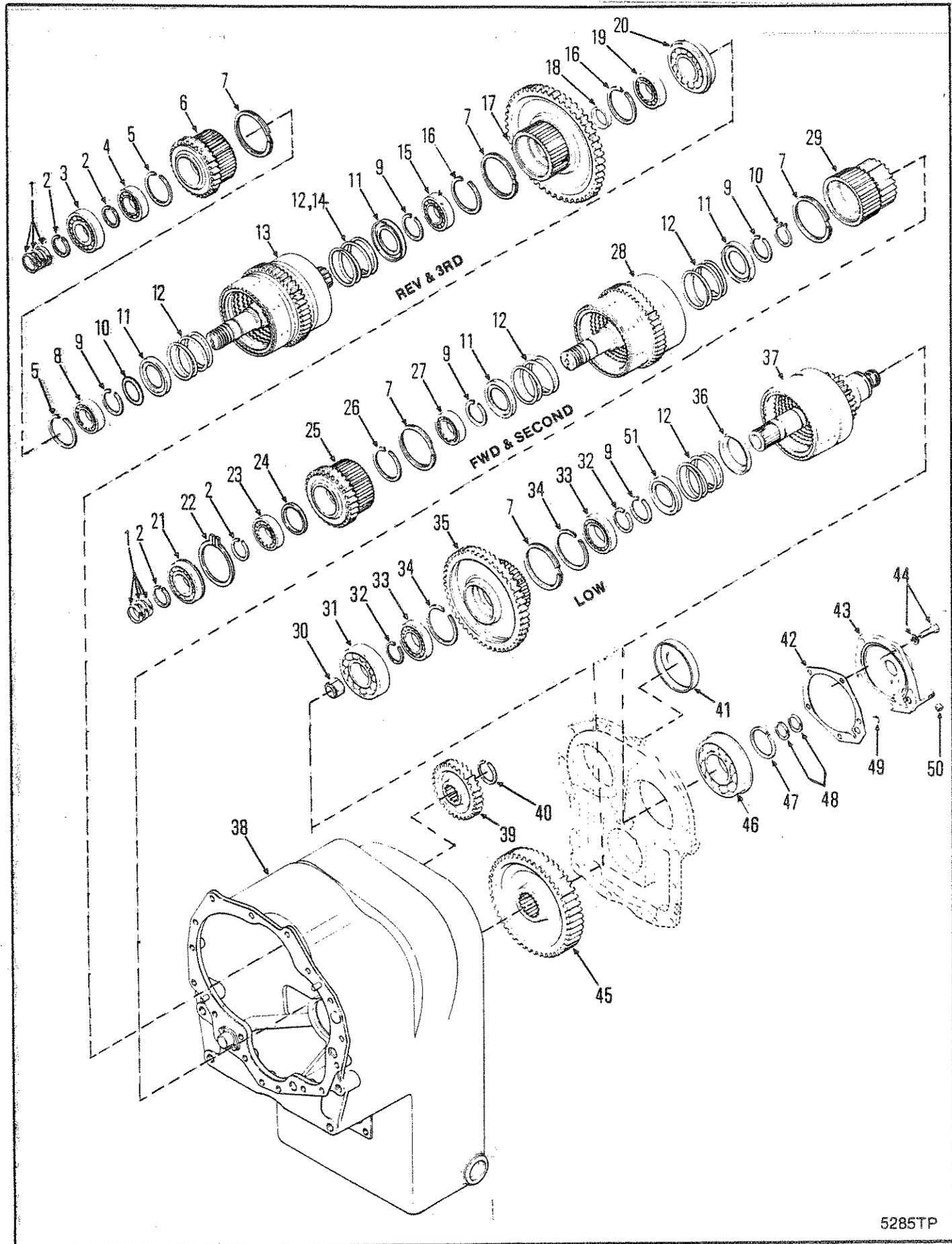
564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



5285TP

**TRANSMISSION CLUTCH ASSEMBLY**  
**ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE**  
**GETRIEBE-KUPPLUNGSBAUGRUPPE**  
**CONJUNTO EMBREAGEM DA TRANSMISSÃO**  
**CONJUNTO TRANSMISIÓN-EMBRAGUE**

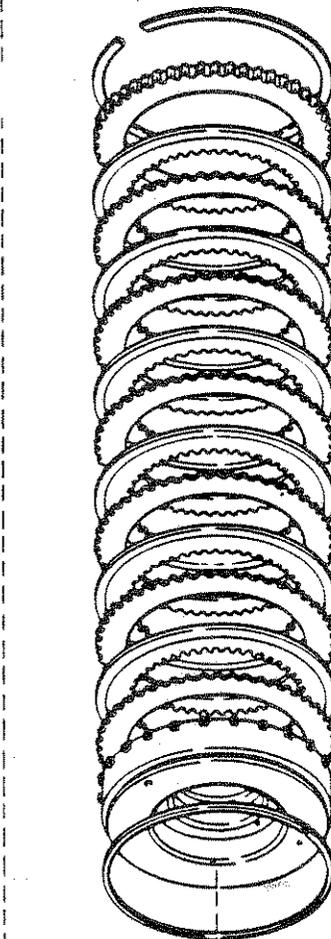
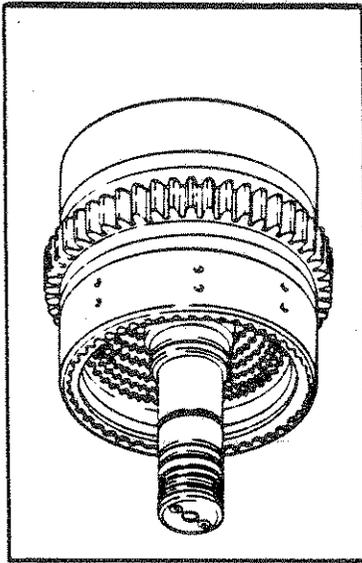
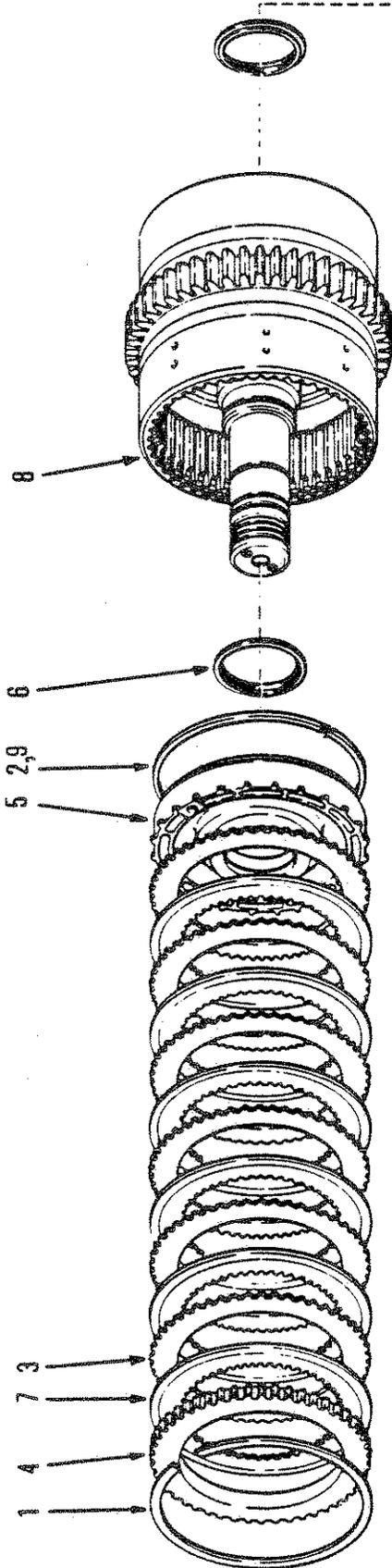
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215183	6	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
2	224083	4	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
3	225603	1	Bearing	palier	Lager	mancal	cojinete
4	233389	1	Bearing	palier	Lager	mancal	cojinete
5	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	233702	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
7	731160	5	Ring	anneau	Ring	anel	anillo
8	230829	1	Bearing	palier	Lager	mancal	cojinete
9	654613	6	Ring	anneau	Ring	anel	anillo
10	232089	5	Retainer	arrêtoir	Halterung	retentor	retén
11	230822	5	Spring	ressort	Feder	mola	resorte
12	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
13	232088	1	Retainer	arrêtoir	Halterung	retentor	retén
14	230860	1	Bearing	palier	Lager	mancal	cojinete
15	223874	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
16	232313	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
17	230906	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
18	233390	1	Bearing	palier	Lager	mancal	cojinete
19	658038	1	Bearing	palier	Lager	mancal	cojinete
20	223349	1	Bearing	palier	Lager	mancal	cojinete
21	230889	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
22	233488	1	Bearing	palier	Lager	mancal	cojinete
23	231647	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	231632	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
25	223881	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
26	710749	1	Bearing	palier	Lager	mancal	cojinete
27	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
28	239953	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
29	230886	1	Bearing	palier	Lager	mancal	cojinete
30	239742	1	Bearing	palier	Lager	mancal	cojinete
31	230888	2	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
32	230885	2	Bearing	palier	Lager	mancal	cojinete
33	223964	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
34	231229	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
35	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
36	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
37	230871	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
38	224106	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
39	230957	1	Plug	bouchon	Stopfen	bujão	tapón
40	231193	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
41	231176	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
42	5C000618	5	Screw Assy.	vis ens	Schraube vollst	parafuso conj	tornillo conj
43	233656	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
44	230968	1	Bearing	palier	Lager	mancal	cojinete
45	232081	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
46	220079	2	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
47	25K030016	1	O-ring	joint torique	O Ring	anel-O	anillo-O
48	16F000002	1	Plug	bouchon	Stopfen	bujão	tapón



5285TP

**TRANSMISSION CLUTCH ASSEMBLY**  
**ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE**  
**GETRIEBE-KUPPLUNGSBAUGRUPPE**  
**CONJUNTO EMBREAGEM DA TRANSMISSÃO**  
**CONJUNTO TRANSMISIÓN-EMBRAGUE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	○-----	1	Transmission	transmission	Getriebe	transmissão	transmisión
1	215183	6	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
2	224083	4	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
3	225603	1	Bearing	palier	Lager	mancal	cojinete
4	233389	1	Bearing	palier	Lager	mancal	cojinete
5	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	241687	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
7	731160	5	Ring	anneau	Ring	anel	anillo
8	230829	1	Bearing	palier	Lager	mancal	cojinete
9	234350	6	Snap ring	circlips	Sperring	anel de trava	anillo de retención
10	654613	4	Ring	anneau	Ring	anel	anillo
11	232089	4	Retainer	arrêtair	Halterung	retentor	retén
12	230822	5	Spring	ressort	Feder	mola	resorte
13	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
14	232088	4	Retainer	arrêtair	Halterung	retentor	retén
15	230860	1	Bearing	palier	Lager	mancal	cojinete
16	223874	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
17	232313	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
18	230906	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	233390	1	Bearing	palier	Lager	mancal	cojinete
20	658038	1	Bearing	palier	Lager	mancal	cojinete
21	223349	1	Bearing	palier	Lager	mancal	cojinete
22	230889	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
23	233488	1	Bearing	palier	Lager	mancal	cojinete
24	231647	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
25	242444	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
26	223881	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
27	237972	1	Bearing	palier	Lager	mancal	cojinete
28	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
29	232314	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
30	230886	1	Bearing	palier	Lager	mancal	cojinete
31	239742	1	Bearing	palier	Lager	mancal	cojinete
32	230888	2	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
33	230885	2	Bearing	palier	Lager	mancal	cojinete
34	223964	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
35	231229	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
36	241917	1	Retainer	arrêtair	Halterung	retentor	retén
37	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
38	○-----	1	Case	boîtier	Gehäuse	carcaça	carcasa
39	230871	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
40	224106	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
41	230957	1	Plug	bouchon	Stopfen	bujão	tapón
42	231193	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
43	231176	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
44	5C000618	5	Screw Assy.	vis ens	Schraube vollst	parafuso conj	tornillo conj
45	233656	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
46	230968	1	Bearing	palier	Lager	mancal	cojinete
47	232081	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
48	220079	2	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
49	25K030016	1	O-ring	joint torique	O Ring	anel-O	anillo-O
50	239244	1	Plug	bouchon	Stopfen	bujão	tapón
51	241918	1	Retainer	arrêtair	Halterung	retentor	retén



5287TP

**TRANSMISSION CLUTCH ASSEMBLY-FORWARD & SECOND  
 EMBRAYAGE DE LA TRANSMISSION, MARCH AVANT & 2E VITESSE  
 GETRIEBEKUPPLUNDSBRUPPE, VORWÄRTS & 2. GANG  
 EMBREAGEM DE TRANSMISSÃO, À FRENTE & 2A  
 EMBREAGUE DE LA TRANSMISSION, AVANCE & 2A**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215190	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	224771	2	Ring	anneau	Ring	anel	anillo
3	224772	12	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
4	224774	2	Plate	plaque	Platte	placa	placa
5	2802164	2	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
6	230857	2	Seal	joint étanchéité	Dichtung	vedador	sello
7	233166	12	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
8	235038	1	Clutch drum assy	tambour embra	Kupplgstrommel voll	conj tambor embreag	conj tambor embrag
9	242873	1	Seal	joint étanchéité	Dichtung	vedador	sello

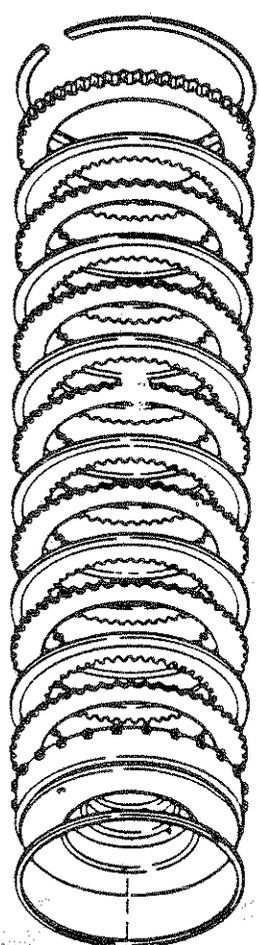
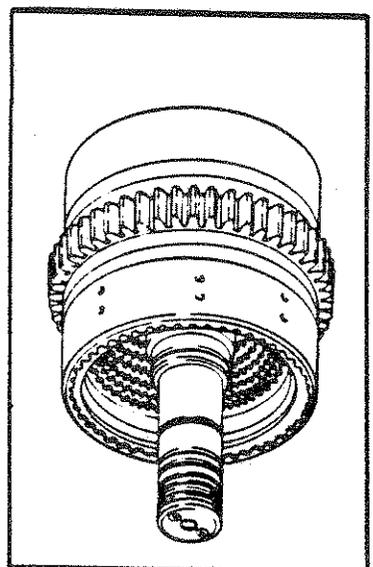
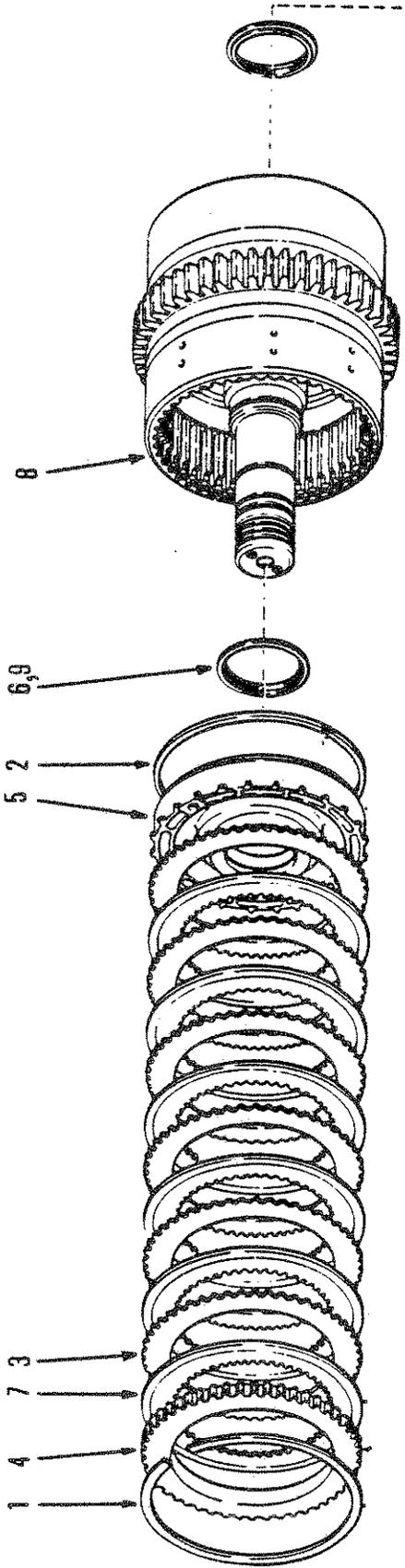
<sup>1</sup> Teflon

<sup>2</sup> Inc 9

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



5288TP

**TRANSMISSION CLUTCH ASSEMBLY-REVERSE & THIRD  
 EMBRAYAGE DE LA TRANSMISSION, MARCHE ARRIÈRE & TROISIÈME  
 GETRIEBEKUPPLUNGSGRUPPE, RÜCKWÄRTS & DRITTE  
 EMBREAGEM DA TRANSMISSÃO - MARCHA À RÉ & TERCEIRA  
 EMBRAGUE DE LA TRANSMISSION, MARCHA ATRÁS & TERCERA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215190	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	224771	2	Ring	anneau	Ring	anel	anillo
3	224772	12	Clutch disc	disque dembrayage	Kuplungsscheibe	disco da embreagem	disco de embrague
4	224774	2	Plate	plaque	Platte	placa	placa
5	2802164	2	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
6	230857	2	Seal	joint étanchéité	Dichtung	vedador	sello
7	233166	12	Clutch disc	disque dembrayage	Kuplungsscheibe	disco da embreagem	disco de embrague
8	235034	1	Clutch drum assy	tambour embray	Kupplgstrommel voll	conj tambor embreag	conj tambor embrag
9	1242873	2	Seal	joint étanchéité	Dichtung	vedador	sello

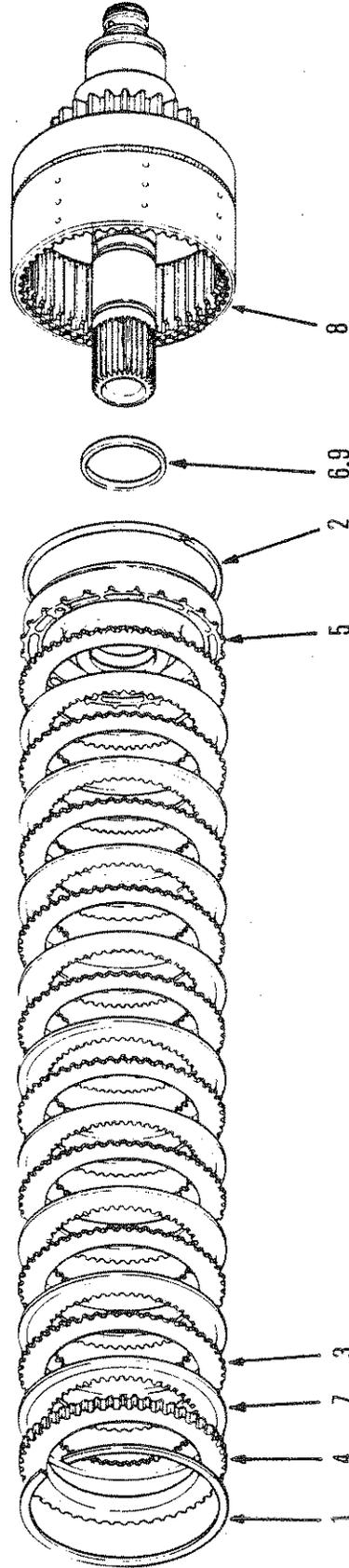
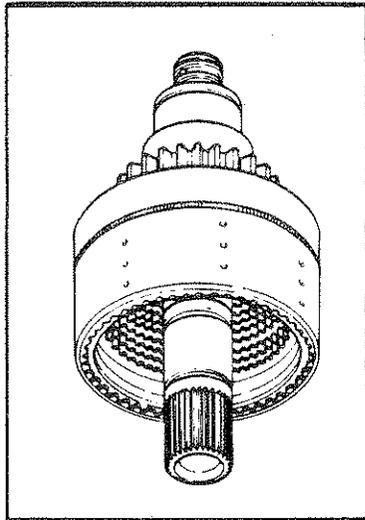
<sup>1</sup> Teflon

<sup>2</sup> Inc. 9

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



5289TP

**TRANSMISSION CLUTCH ASSEMBLY-LOW  
 EMBRAYAGE DE LA TRANSMISSION, LENTE  
 GETRIEBEKUPPLUNGSGRUPPE, LANGSAM  
 EMBREAGEM DA TRANSMISSAO, BAIXA  
 EMBRAGUE DE LA TRANSMISSION, BAJA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215190	1	Ring	anneau	Ring	anel	anillo
2	224771	1	Ring	anneau	Ring	anel	anillo
3	224772	9	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
4	224774	1	Plate	plaque	Platte	placa	placa
5	2802164	1	Piston Kit	jeu de pistons	Kolbensatz	jogo de pistão	juego de pistón
6	230857	1	Ring	anneau	Ring	anel	anillo
7	230911	9	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
8	231194	1	Clutch drum	tambour dembrayage	Kupplungstrommel	tambor da embreagem	tambor del embrague
9	242873	2	Seal	joint étanchéité	Dichtung	vedador	sello

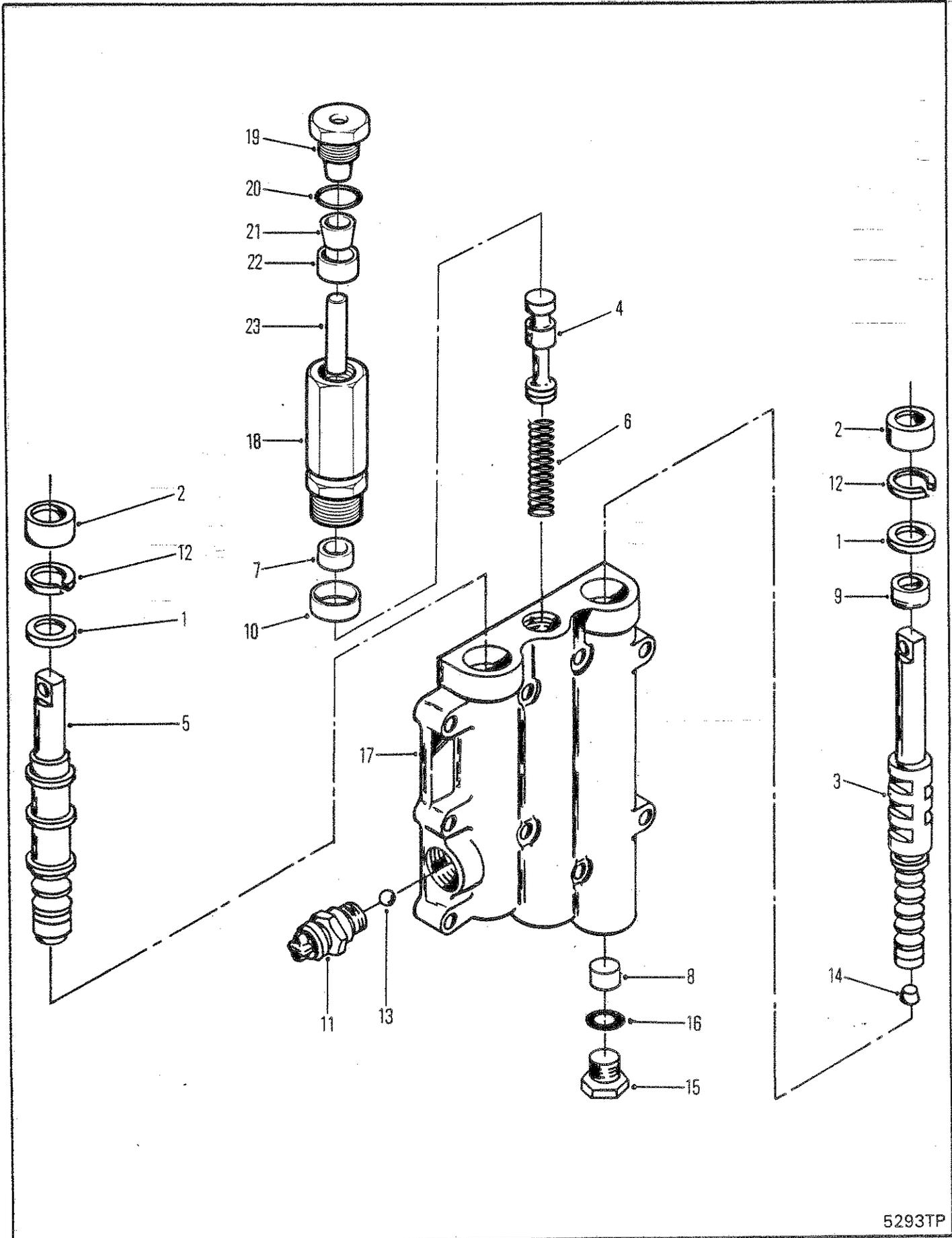
<sup>1</sup> Teflon

<sup>2</sup> Inc. 9

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



5293TP

**TRANSMISSION CONTROL VALVE**  
**SOUPAPE DE COMMANDE DE TRANSMISSION**  
**GETRIEBEREGELVENTIL**  
**VÁLVULA DE CONTRÔLE, TRANSMISSÃO**  
**VÁLVULA DE CONTROL DE TRANSMISIÓN**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1235823	1	Control viv assy	ens soup commande	Regelventil vollst	conj válv controle	conj válv control
B	215196	1	Cylinder Assy	ens cylindre	Zylinder vollst	cilindro conj	cilindro conj
1	217657	2	Washer	rondelle	Scheibe	arruela	arandela
2	234651	2	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
3	231146	1	Spool&plug assy	ass bobine et bou	Spulen&Stpseleinh	bobina e ci obit	conj carrete tap
4	231155	1	Spool	tiroir	Spule	carretel	carrete
5	231158	1	Spool	tiroir	Spule	carretel	carrete
6	231164	1	Spring	ressort	Feder	mola	resorte
7	224315	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	231839	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
9	231840	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	228931	1	Seal	joint étanchéité	Dichtung	vedador	sello
11	236395	1	Switch	interrupteur	Schalter	interruptor	interruptor
12	664140	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
13	10J000012	1	Ball	biile	Kugel	esfera	bola
14	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
15	24K000007	2	Plug	bouchon	Stopfen	bujão	tapón
16	91F000007	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	S-----	-	Housing	botier	Gehuse	carcaça	carcasa
18	215197	1	Housing	botier	Gehuse	carcaça	carcasa
19	215200	1	Plug	bouchon	Stopfen	bujão	tapón
20	25K030020	1	O-Ring	joint torique	O Ring	anel-O	anillo-O
21	227874	1	Cup	cuvette	Schale	capa	cubeta
22	215199	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
23	106358	1	Pin	goupille	Stift	pino	pasador

1 Inc 1 → 6,8,9,11 → 13, 15 & 17

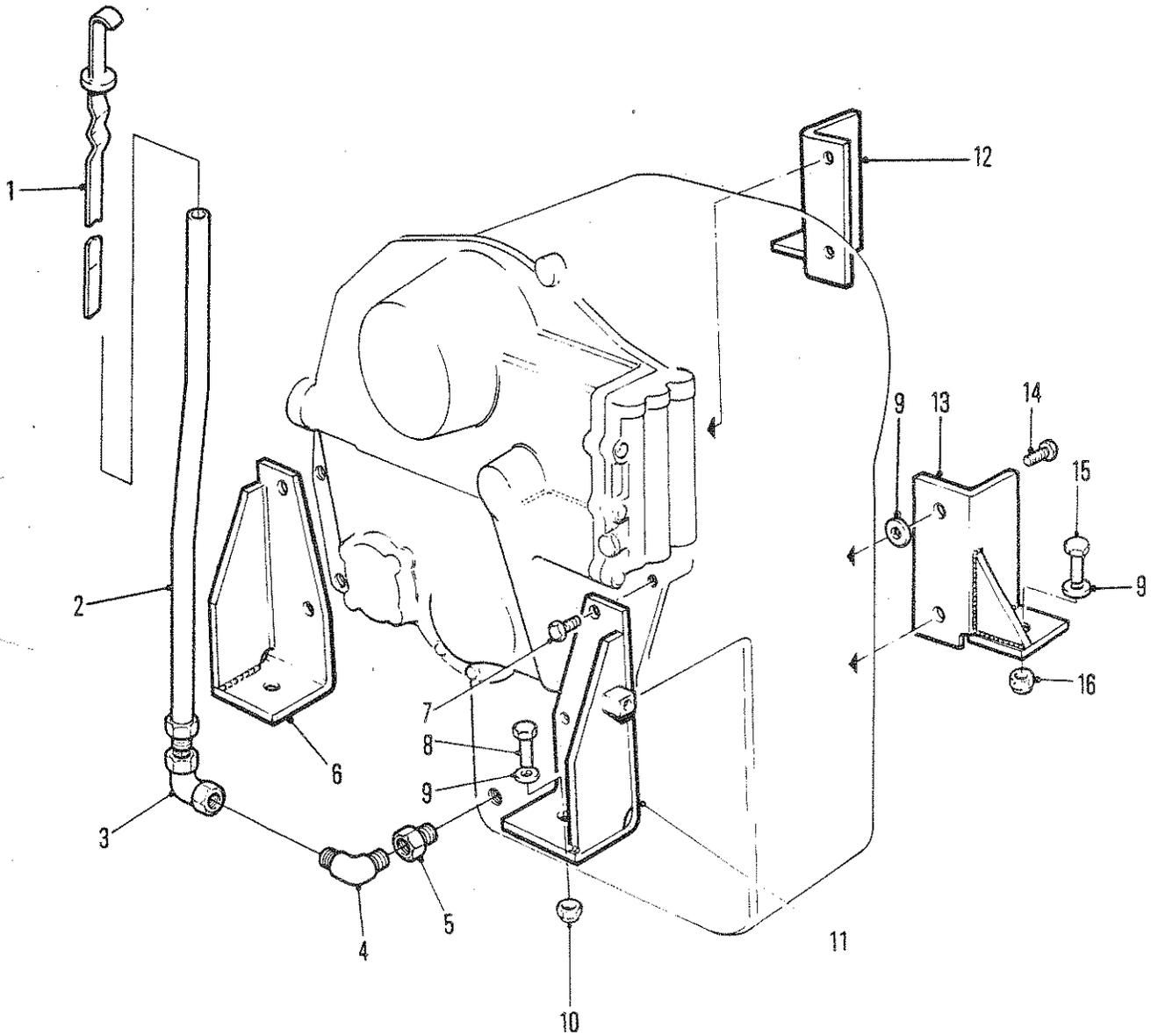
2 Inc 18 → 23

- 3 ■ With de-clutch
- 3 ■ avec débrayage
- 3 ■ Auskupplung
- 3 ■ com desembragem
- 3 ■ con desembrague

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC  
 552A-101-CAC → 552A-9999-CAC



**TRANSMISSION MOUNTING  
MONTAGE DE TRANSMISSION  
GETREIBE MONTAGE  
SUPORTE DA TRANSMISSÃO  
SOPORTE DE LA TRANSMISSION**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	11938477	1	Dipstick	jauge	Messtab	vareta verif	varilla nivel
2	11938478	1	Tube	tube	Rohr	tubo	tubo
3	111K000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
4	183F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
5	119F000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	1935098	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
7	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
8	17C001264	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000012	16	Washer	rondelle	Scheibe	arruela	arandela
10	85D000012	4	Nut	écrou	Mutter	porca	tuerca
11	1935099	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
12	1935097	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
13	1935341	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
14	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
15	17C001264	2	Bolt	boulon	Bolzen	parafuso	bulón
16	85D000012	2	Nut	écrou	Mutter	porca	tuerca

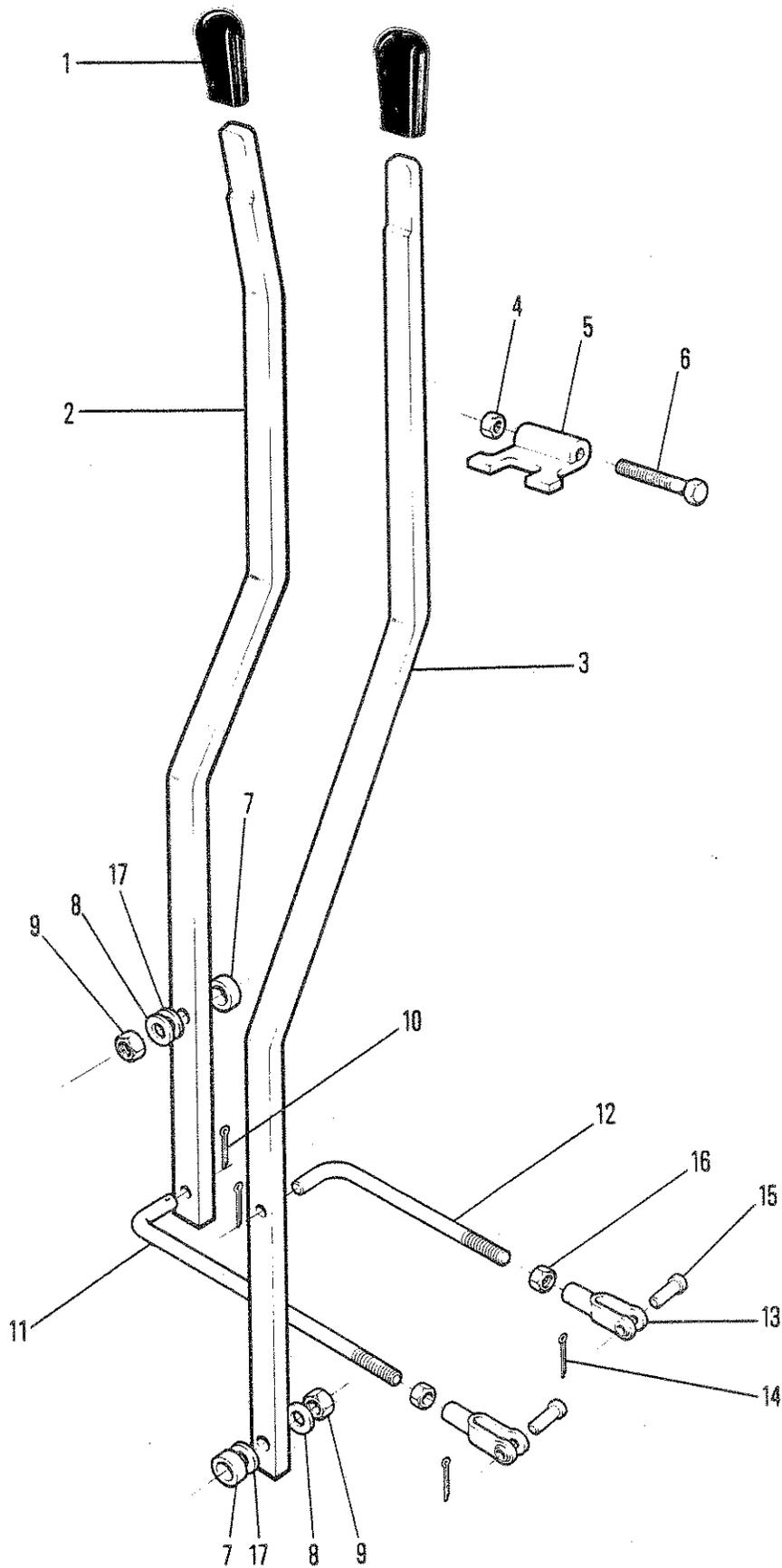
1 Use Loctite 271  
1 Utilise Loctite 271  
1 Bedarf Loctite 271  
1 Use Loctite 271  
1 Usa Loctite 271

2 Ref S.B. Group 421, No. 0148.

666CLM  
666CLMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6473TP

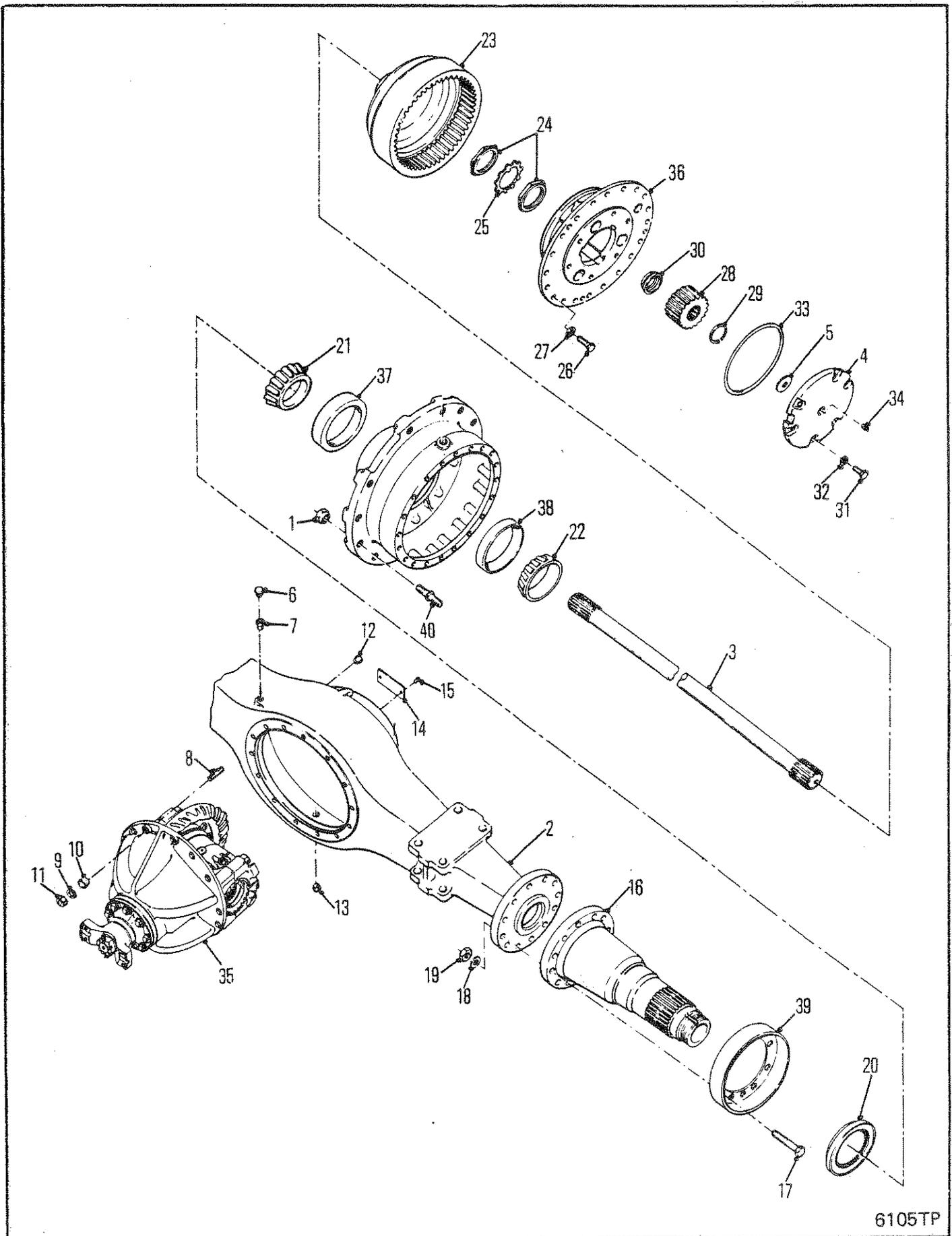
**TRANSMISSION CONTROLS**  
**COMMANDES DE LA TRANSMISSION**  
**GETRIEBESCHALTHEBEL**  
**CONTROLES DA TRANSMISSÃO**  
**CONTROLES DE LA TRANSMISIÓN**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935250	2	Grip	poignée	Griff	punho	mango
2	1935083	1	Lever	levier	Hebel	alavanca	palanca
3	1934982	1	Lever	levier	Hebel	alavanca	palanca
4	85D000004	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
5	1935349	1	Lock neutral	neutre de serrure	Leerlauf-Abriegelung	fechadura neutra	trabadura neutral
6	17C000448	1	Bolt	boulon	Bolzen	parafuso	bulón
7	1935327	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	616792	2	Washer	rondelle	Scheibe	arruela	arandela
9	85D000006	2	Nut	écrou	Mutter	porca	tuerca
10	1F000310	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
11	1935328	1	Rod	tige	Stange	varão	varilla
12	1935329	1	Rod	tige	Stange	varão	varilla
13	2J005204	2	Clevis	étrier	Schkel	garfo	horquilla
14	1F000312	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
15	4F005062	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
16	8D000005	2	Jamnut	écrou de bloquage	Sperrmutter	proca freio	tuerca de ajuste
17	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6105TP

**AXLE ASSEMBLY, FRONT-19640**  
**ESSIEU AV, ENSEMBLE-19640**  
**ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB-19640**  
**EIXO DIANTEIRO, CONJUNTO-19640**  
**EJE DELANTERIO, CONJUNTO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	187991	1	Axle Assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106971	1	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
C	2106367	1	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
1	86D000012	20	Nut	écrou	Mutter	porca	tuerca
2	2106036	1	Housing	botier	Gehuse	carcaça	carcasa
3	2106712	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje
4	124601	1	Cover	couvercle	Deckel	tampa	tapa
5	106457	1	Washer	rondelle	Scheibe	arruela	arandela
6	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
7	19F000002	1	Reducer	réducteur	Reduzierstück	reductor	reductor
8	126416	14	Stud	goujon	Stift	prisioneiro	espárrago
9	106762	14	Washer	rondelle	Scheibe	arruela	arandela
10	112287	3	Dowel	goujon	Stift	espiga	espiga
11	64D000008	14	Nut	écrou	Mutter	porca	tuerca
12	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
13	119469	1	Plug	bouchon	Stopfen	bujão	tapón
14	120707	1	Plate	plaque	Platte	placa	placa
15	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
16	125768	2	Spindle	visée	Spindel	haste	eje
17	18C001048	20	Boilt	boulon	Bolzen	parafuso	bulón
18	104412	40	Washer	rondelle	Scheibe	arruela	arandela
19	106998	20	Nut	écrou	Mutter	porca	tuerca
20	125769	2	Seal	joint étanchéité	Dichtung	vedador	sello
21	127819	2	Cone	cône	Kegel	cone	cono
22	742263	2	Cone	cône	Kegel	cone	cono
23	125602	2	Hub	moyeu	Nabe	cubo	cubo
24	110559	4	Nut	écrou	Mutter	porca	tuerca
25	118786	2	Lock	serrure	Schloss	fechadura	cerradura
26	117225	40	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presió
27	106547	40	Washer	rondelle	Scheibe	arruela	arandela
28	116588	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
29	106247	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	119853	2	Ring	anneau	Ring	anel	anillo
31	1C000720	12	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presió
32	112278	12	Washer	rondelle	Scheibe	arruela	arandela
33	113292	2	Ring	anneau	Ring	anel	anillo
34	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
35	○-----	-	Diff & Carrier	diff et support	Diff & Trger	dif e veiculo	diferenc y port
36	○-----	-	Planet Carrier	porte planétaire	Planetentrger	veic do planet	portador planet
37	774024	1	Cup	cuvette	Schale	capa	cupeta
38	742262	1	Cup	cuvette	Schale	capa	cupeta
39	2107397	2	Protector	protecteur	Schützerinrichtung	protetor	protector
40	32106309	20	Stud	goujon	Stift	prisioneiro	espárrago

<sup>1</sup> Inc 36 & 45

<sup>2</sup> Inc 37 & 38

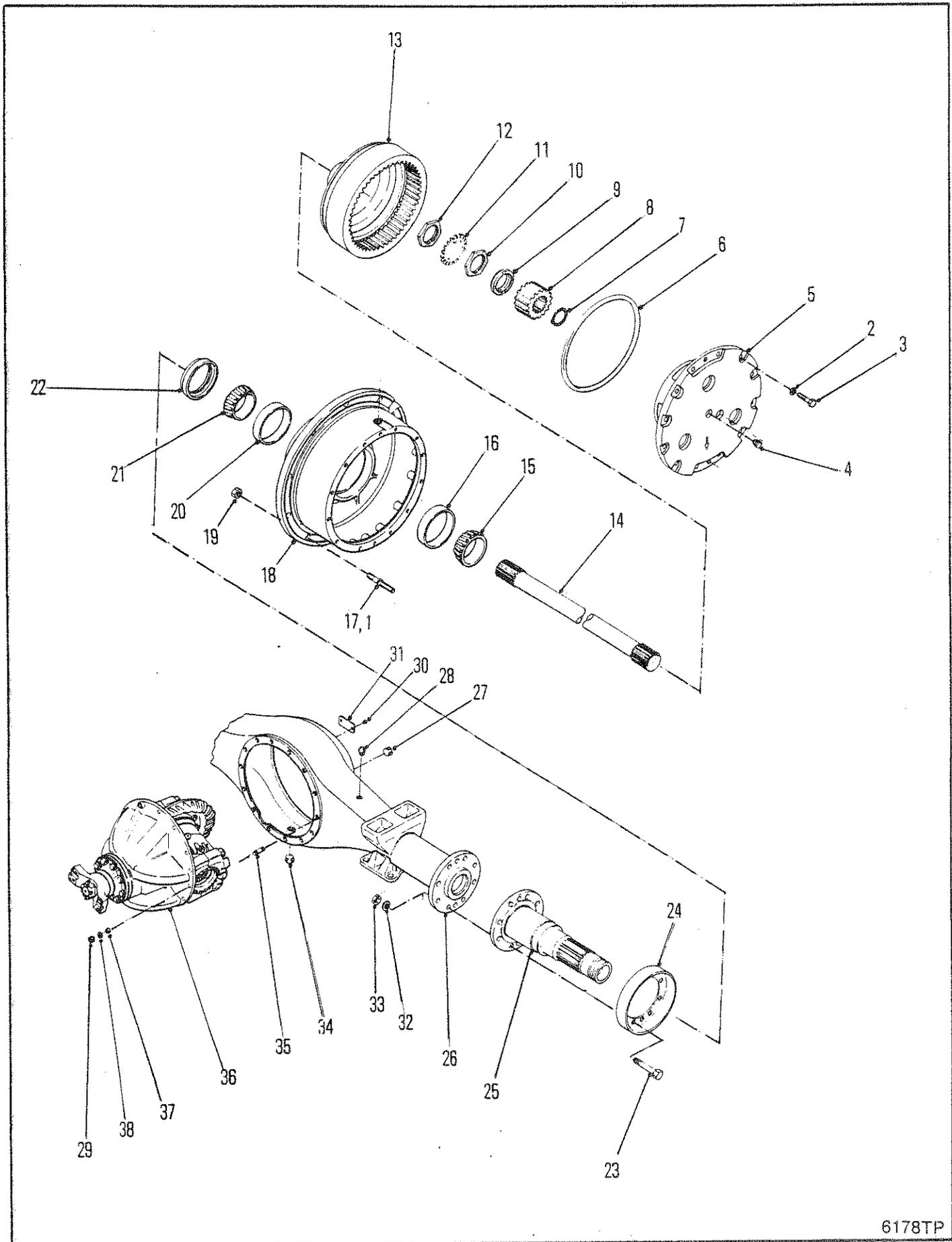
<sup>3</sup> Push-in stud

<sup>3</sup> goujon d'insertion

<sup>3</sup> Einschiebestift

<sup>3</sup> empuxe prisioneiro

<sup>3</sup> espárrago de inserción



6178TP

**AXLE ASSEMBLY, FRONT-17620**  
**ESSIEU AV, ENSEMBLE-17620**  
**ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-17620**  
**EIXO DIANTEIRO, CONJUNTO-17620**  
**EJE DELANTERO, CONJUNTO-17620**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1195960	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106965	2	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
2	106762	24	Washer	rondelle	Scheibe	arruela	arandela
3	100593	24	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
4	24K000007	2	Plug	bouchon	Stopfen	bujão	tapón
5	○-----	2	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
6	107348	2	O-ring	joint torique	O Ring	anel-O	anillo-O
7	224026	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
8	126463	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaie planetario
9	128830	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
10	121013	2	Nut	écrou	Mutter	porca	tuerca
11	121014	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
12	121013	2	Nut	écrou	Mutter	porca	tuerca
13	123904	2	Gear&hub	engren&moyeu	Zahnrad&Nabe	engren&cubo	engran&cubo
14	113888	2	Shaft	arbre	Welle	ávore	árbol
15	675261	2	Cone	cône	Kegel	cone	cono
16	668553	2	Cup	cuvette	Schale	capa	cubeta
17	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
18	2106966	2	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cubeta
19	86D000012	20	Nut	écrou	Mutter	porca	tuerca
20	672004	2	Cup	cuvette	Schale	capa	cubeta
21	672005	2	Cone	cône	Kegel	cone	cono
22	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
23	117336	20	Bolt	boulon	Bolzen	parafuso	bulón
24	2107443	2	Protector	protecteur	Schützerinrichtung	protetor	protector
25	129267	2	Spindle	fusée	Spindel	haste	eje
26	2107615	1	Housing	botier	Gehuse	carcaça	carcasa
27	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
28	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
29	64D000007	14	Nut	écrou	Mutter	porca	tuerca
30	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
31	120707	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
32	104412	20	Washer	rondelle	Scheibe	arruela	arandela
33	106998	20	Nut	écrou	Mutter	porca	tuerca
34	119469	1	Plug	bouchon	Stopfen	bujão	tapón
35	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
36	○-----	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
37	103216	3	Dowel	goujon	Stift	espiga	espiga
38	112278	14	Washer	rondelle	Scheibe	arruela	arandela

1 Inc 1 → 38

2 Inc 16 & 20

3 Inc 1 & 18

4 Push-in stud

4 goujon d'insertion

4 Einschlebestift

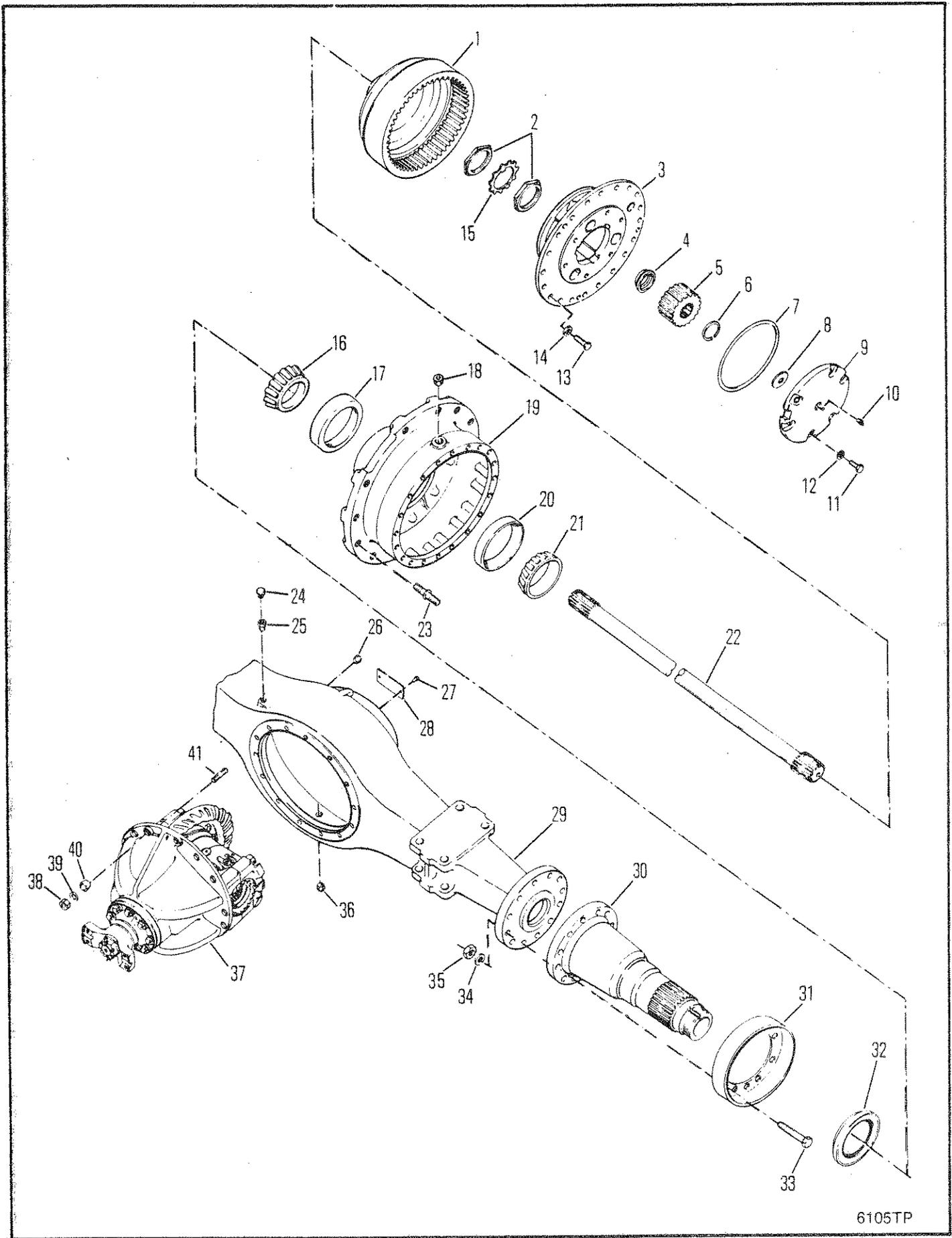
4 empuxe prisioneiro

4 espárrago de inserción

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC

584A-101-CAC → 584A-9999-CAC  
 552A-101-CAC → 552A-9999-CAC



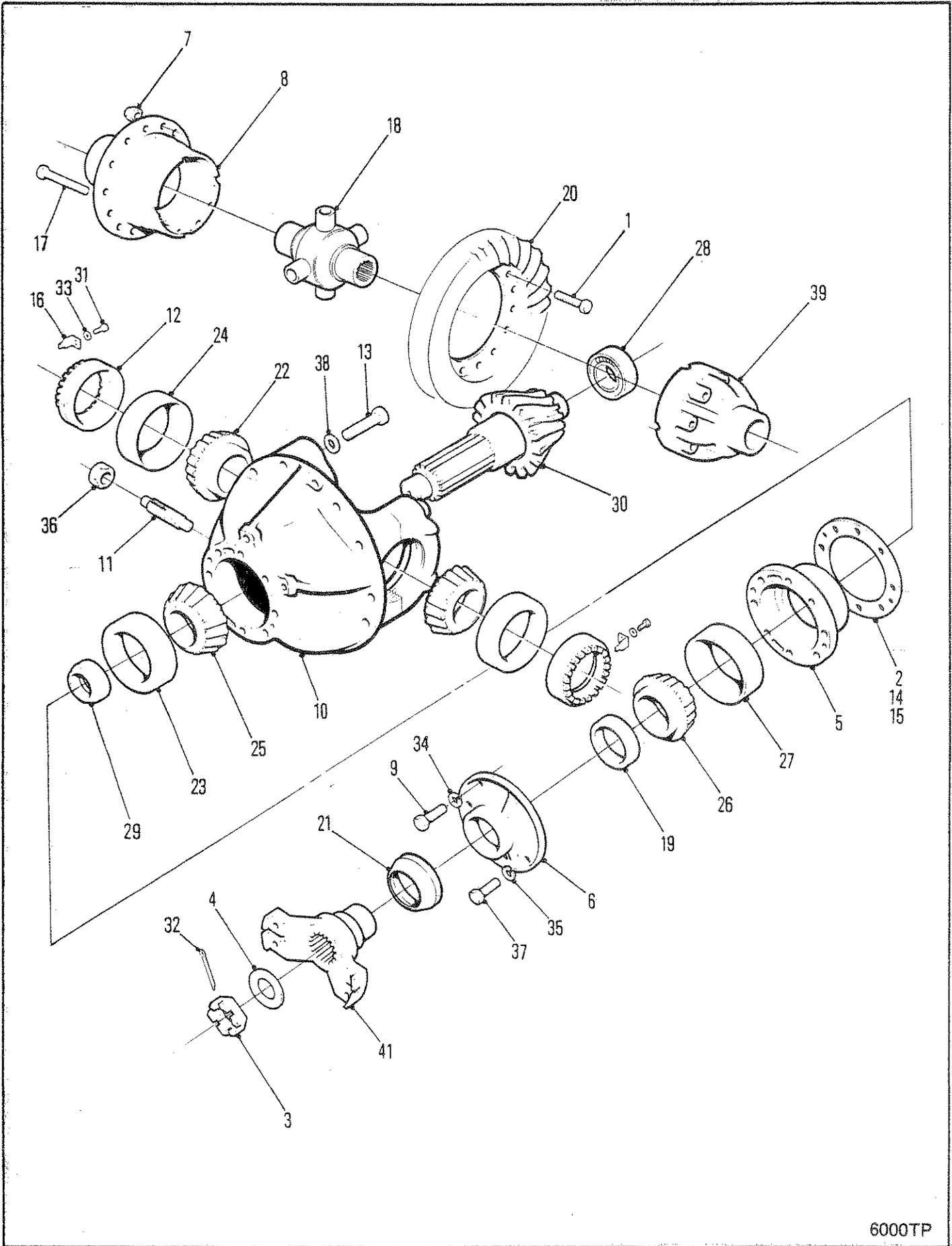
6105TP

**AXLE ASSEMBLY, FRONT-19640**  
**ESSIEU AV, ENSEMBLE-19640**  
**ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-19640**  
**EIXO DIANTEIRO, CONJUNTO-19640**  
**EJE DELANTERO, CONJUNTO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	189422	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
1	125602	2	Hub	moyeu	Nabe	cubo	cubo
2	110559	4	Nut	écrou	Mutter	porca	tuerca
3	○-----	2	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
4	119853	2	Ring	anneau	Ring	anel	anillo
5	116588	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
6	106247	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
7	113292	2	Ring	anneau	Ring	anel	anillo
8	106457	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
9	1124601	2	Cover	couvercle	Deckel	tampa	tapa
10	11F000012	2	Plug	bouchon	Stopfen	bujão	tapón
11	1C000720	12	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presión
12	112278	12	Washer	rondelle	Scheibe	arruela	arandela
13	117225	40	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presión
14	106547	40	Washer	rondelle	Scheibe	arruela	arandela
15	118786	2	Lock	serrure	Schloss	fechadura	cerradura
16	127819	2	Cone	cône	Kegel	cone	cono
17	774024	2	Cup	cuvette	Schale	capa	cubeta
18	119469	2	Plug	bouchon	Stopfen	bujão	tapón
19	2106971	2	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
20	742262	2	Cup	cuvette	Schale	capa	cubeta
21	742263	2	Cone	cône	Kegel	cone	cono
22	2106712	2	Shaft	arbre	Welle	ávore	árbol
23	2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
24	955743	1	Vent	prise dair	5mXoffnung	respiradouro	aireador
25	19F000002	1	Reducer	réducteur	Reduzierstück	reductor	reductor
26	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
27	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
28	120707	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
29	2106036	1	Housing	botier	Gehuse	carcaça	carcasa
30	125768	2	Spindle	fusée	Spindel	haste	eje
31	2107397	2	Protector	protecteur	Schützerinrichtung	protetor	protector
32	125769	2	Seal	joint étanchéité	Dichtung	vedador	sello
33	18C001048	32	Bolt	boulon	Bolzen	parafuso	bulón
34	104412	64	Washer	rondelle	Scheibe	arruela	arandela
35	106998	32	Nut	écrou	Mutter	porca	tuerca
36	119469	1	Plug	bouchon	Stopfen	bujão	tapón
37	○-----	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
38	64D000008	14	Nut	écrou	Mutter	porca	tuerca
39	106762	14	Washer	rondelle	Scheibe	arruela	arandela
40	112287	3	Dowel	goujon	Stift	espiga	espiga
41	126416	14	Stud	goujon	Stift	prisioneiro	espárrago

1 Inc 8

2 Inc 17, 20 & 23



6000TP

**DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-19630 & 19640**  
**ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-19630 & 19640**  
**DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-19630 & 19640**  
**CONJUNTO DO DIFFERENCIAL & SUPORTE, DIANTEIRO-19630 & 19640**  
**CONJUNTO DE DIFERENCIAL & SUPORTE, DELANTERO-19630 & 19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128627	1	Diff&carrier	diff et support	Diff&Träger	dif e verculo	diferenc y port
B	112080	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	ig corona&pasador
C	112289	1	Carrier & cap	Bouchone&Porteur	Träger&Verschluss	Cobert&Veiculo	Capota&Transprtadr
D	815769	1	Diff case	boitier differentiel	Differentialgehäuse	diferencial carcaça	diferencial carcasa
1	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
2	101257	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
3	101262	1	Nut	écrou	Mutter	porca	tuerca
4	101263	1	Washer	rondelle	Scheibe	arruela	arandela
5	110843	1	Cage assy	botier roulemt ens	Rollenlager vollst	alojamto rolam conj	caja rodamiento conj
6	110847	1	Retainer	arrêtoir	Halterung	retentor	retén
7	86D000009	20	Nut	écrou	Mutter	porca	tuerca
8	§-----	1	Flange half	demi-flasque	Flanschhilfe	meia flange	media brida
9	17C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
10	118704	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
11	121241	1	Screw	vis	Schraube	parafuso	tornillo
12	123747	1	Nut	écrou	Mutter	porca	tuerca
13	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
14	125567	-	Shim	cale	Beilage	calço	planchita
15	125568	-	Shim	cale	Beilage	calço	planchita
16	126468	1	Lock	serrure	Schloss	fechadura	cerradura
17	126624	8	Bolt	boulon	Bolzen	parafuso	bulón
18	126136	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
19	128400	1	Seal	joint étanchéité	Dichtung	vedador	sello
20	§-----	1	Ring gear	couronne dentée	Zahnkranz	corõa	corona
21	128789	1	Mudslinger	mudslinger	Spritzlappen	mudslinger	mudslinger
22	654144	1	Cone	cône	Kegel	cone	cono
23	658988	1	Cup	cuvette	Schale	capa	cubeta
24	667275	1	Cup	cuvette	Schale	capa	cubeta
25	667276	1	Cone	cône	Kegel	cone	cono
26	667277	1	Cone	cône	Kegel	cone	cono
27	667278	1	Cup	cuvette	Schale	capa	cubeta
28	667466	1	Bearing	palier	Lager	mancal	cojinete
29	815172	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
30	§-----	1	Pinion	pignon	Ritzel	pinhão	pion
31	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
32	1F000732	1	Pin	goupille	Stift	pino	pasador
33	4E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	4E000009	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	8D000018	1	Nut	écrou	Mutter	porca	tuerca
37	17C000932	7	Bolt	boulon	Bolzen	parafuso	bulón
38	26E000014	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	§-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
40	106547	16	Washer	rondelle	Scheibe	arruela	arandela
41	112084	1	Flange	bride	Flansch	flange	brida

<sup>1</sup> Inc B,C,D, & 1⇒40

<sup>2</sup> Inc 7,8,17, 39 & 40

<sup>3</sup> Inc 7 & 13

<sup>4</sup> Inc 23 & 27

<sup>5</sup> Inc 3 & 20

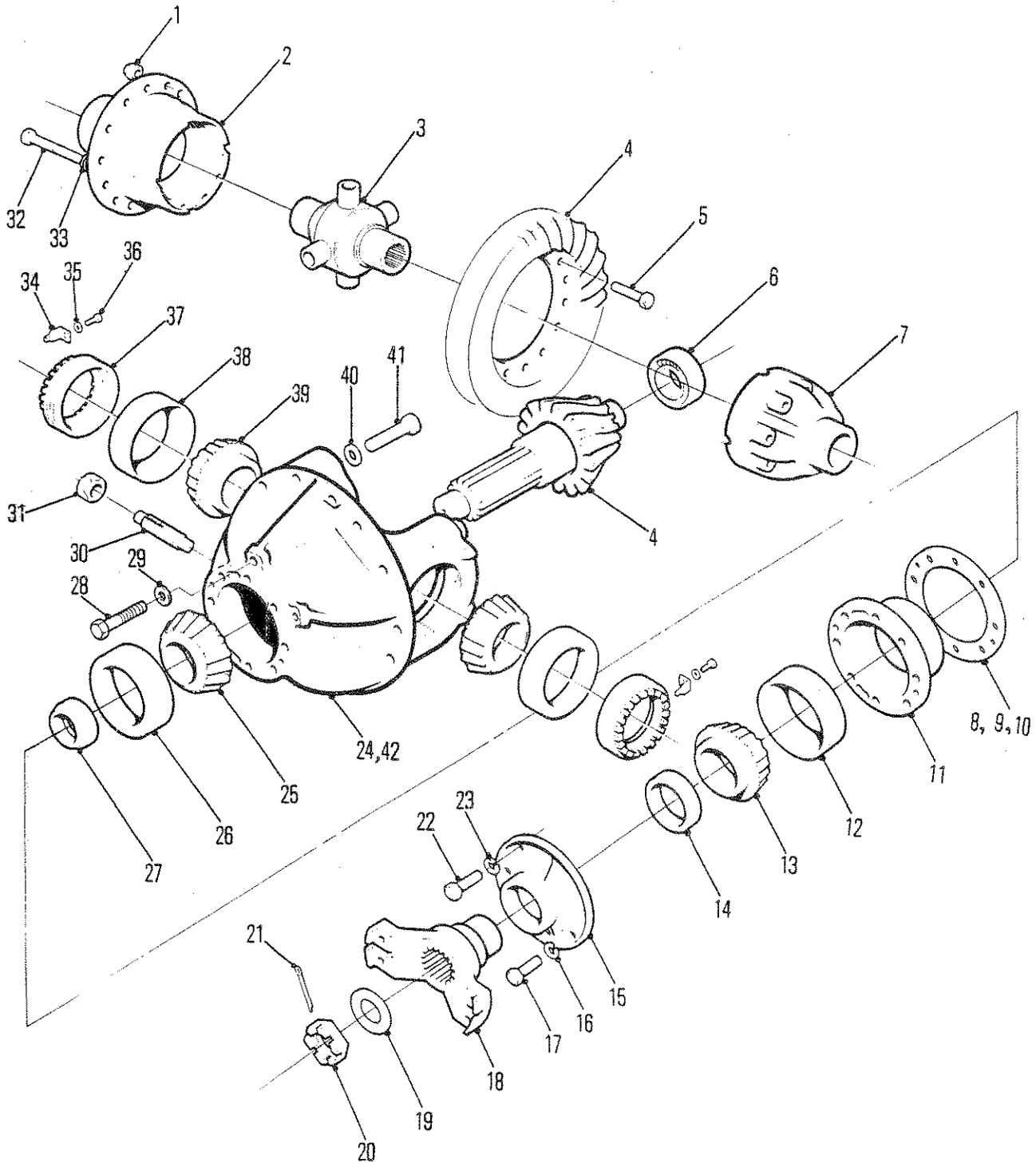
<sup>6</sup> See B

<sup>6</sup> Voir B

<sup>6</sup> Siehe B

<sup>6</sup> Veja B

<sup>6</sup> Véase B



6095TP

**DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17620**  
**ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17620**  
**DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17620**  
**CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17620**  
**CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17620**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128989	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	2126130	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
C	3126133	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cueroo diferenc
1	86D000008	12	Nut	écrou	Mutter	porca	tuerca
2	4S-----	1	Flange half	demi-flasque	Flanschhilfe	meia flange	media brida
3	126136	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
4	815202	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzstz	jogo coroa&pinhão	jg corona&pasador
5	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
6	675536	1	Bearing	palier	Lager	mancal	cojinete
7	4S-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
8	6112354	-	Shim	cale	Beilage	calço	planchita
9	125576	-	Shim	cale	Beilage	calço	planchita
10	125577	-	Shim	cale	Beilage	calço	planchita
11	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
12	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
13	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
14	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
15	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
16	4E000009	5	Washer	rondelle	Scheibe	arruela	arandela
17	17C000932	5	Bolt	boulon	Bolzen	parafuso	bulón
18	128975	1	Flange	bride	Flansch	flange	brida
19	119298	1	Washer	rondelle	Scheibe	arruela	arandela
20	100950	1	Nut	écrou	Mutter	porca	tuerca
21	1F000428	1	Pin,cotter	goupille fendue	Spilint	contrapino	chaveta dos patas
22	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
23	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	5128981	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
25	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
26	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
27	815040	1	Spacer kit	entretoises ieu	Distanzteil Satz	espaçador iôgo	espaciador ijo
28	17C001228	1	Bolt	boulon	Bolzen	parafuso	bulón
29	111656	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	123800	1	Screw	vis	Schraube	parafuso	tornillo
31	8D000014	1	Nut	écrou	Mutter	porca	tuerca
32	17C000856	12	Bolt	boulon	Bolzen	parafuso	bulón
33	106762	12	Washer	rondelle	Scheibe	arruela	arandela
34	126468	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
35	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
37	122765	2	Adjusting nut	vis dajustage	Einstellmutter	porca de ajuste	tuerca de ajuste
38	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
39	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
40	26E000012	4	Washer	rondelle	Scheibe	arruela	arandela
41	123830	4	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presión
42	126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj

1 Inc 1→42

2 Inc C,4&5

3 Inc 2,3,7,32,33,&42

4 See C

4 Voir C

4 Siehe C

4 Veja C

4 Véase C

5 Inc 40 & 41

6 Quantity (2) needed when ordering (1) 112354 Shim

6 Quantité (2) lors de la commande de (1) cale 112354

6 Menge (2) bei Bestellung von (1) Beilage 112354

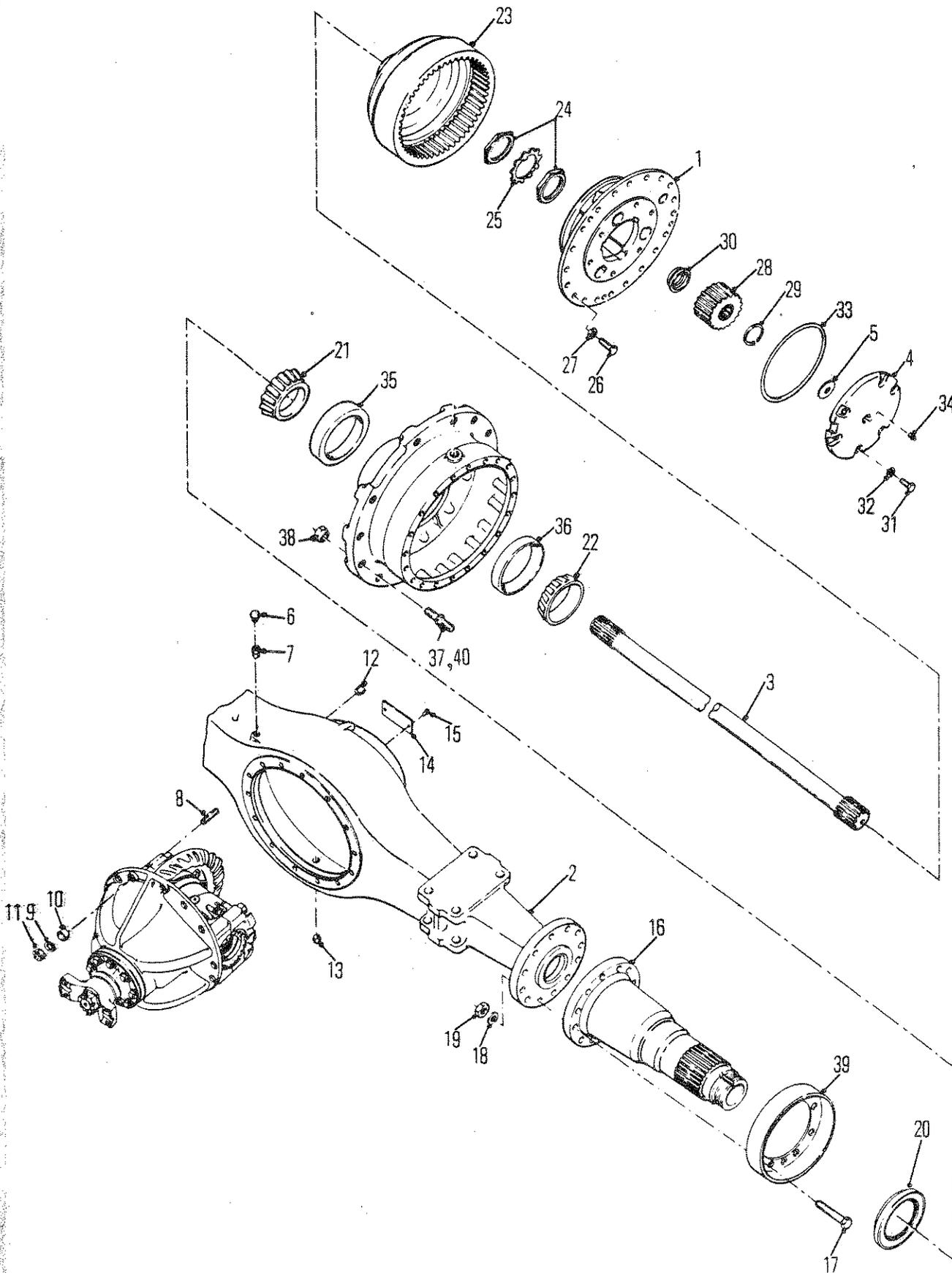
6 Quantidade (2) pedir quando necessitar (1) Calço no. 112354

6 Cantidad Se necesitan (2) cuando se ordena (1) Planchita 112354

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC→559A-9999-CAC  
555A-101-CAC→555A-9999-CAC  
548A-101-CAC→548A-9999-CAC  
549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
552A-101-CAC→552A-9999-CAC



6102TP

**AXLE ASSEMBLY, REAR-19640**  
**ESSIEU AR, ENSEMBLE-19640**  
**ACHSE VOLLSTÄNDIG, HINTERRANDTRIEB-19640**  
**EIXO TRASEIRO, CONJUNTO-19640**  
**EJE TRASERO, CONJUNTO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	188270	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	187992	1	Axle Assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	2106971	1	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
D	2106367	1	Hub&cup assy	ens moyeu&couppelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
1	O-----	1	Planet carrier	port planétaire	Planetträger	sup planet	sup planet
2	2106036	1	Housing	botier	Gehuse	carcaça	carcasa
3	2106712	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje
4	124601	1	Cover	couvercle	Deckel	tampa	tapa
5	106457	1	Washer	rondelle	Scheibe	arruela	arandela
6	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
7	19F000002	1	Reducer	réducteur	Reduzierstück	reductor	reductor
8	126416	14	Stud	goujon	Stift	prisioneiro	espárrago
9	106762	14	Washer	rondelle	Scheibe	arruela	arandela
10	112287	3	Dowel	goujon	Stift	espiga	espiga
11	64D000008	14	Nut	écrou	Mutter	porca	tuerca
12	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
13	119469	1	Plug	bouchon	Stopfen	bujão	tapón
14	120707	1	Plate	plaque	Platte	placa	placa
15	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
16	125768	2	Spindle	vis à tête	Spindel	haste	eje
17	18C001048	20	Bolt	boulon	Bolzen	parafuso	bulón
18	104412	40	Washer	rondelle	Scheibe	arruela	arandela
19	106998	20	Nut	écrou	Mutter	porca	tuerca
20	125769	2	Seal	joint étanchéité	Dichtung	vedador	sello
21	127819	2	Cone	cône	Kegel	cone	cono
22	742263	2	Cone	cône	Kegel	cone	cono
23	125602	2	Hub	moyeu	Nabe	cubo	cubo
24	110559	4	Nut	écrou	Mutter	porca	tuerca
25	118786	2	Lock	serrure	Schloss	fechadura	cerradura
26	117225	40	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
27	106547	40	Washer	rondelle	Scheibe	arruela	arandela
28	116588	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
29	106247	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	119853	2	Ring	anneau	Ring	anel	anillo
31	1C000720	12	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
32	112278	12	Washer	rondelle	Scheibe	arruela	arandela
33	113292	2	Ring	anneau	Ring	anel	anillo
34	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
35	774024	1	Cup	cuvette	Schale	capa	cupeta
36	742262	1	Cup	cuvette	Schale	capa	cupeta
37	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
38	86D000012	20	Nut	écrou	Mutter	porca	tuerca
39	2107397	2	Protector	protecteur	Schützerinrichtung	protetor	protector
40	2106309	10	Stud	goujon	Stift	prisioneiro	espárrago

1 Inc B, C, D, & 1 → 39 □ 548A-101 → 9999-CAC

2 Inc 36

3 Inc 37 & 38

4 Push-in stud  
 4 goujon d'insertion  
 4 Einschlebestift  
 4 empuxe prisioneiro  
 4 espárrago de inserción

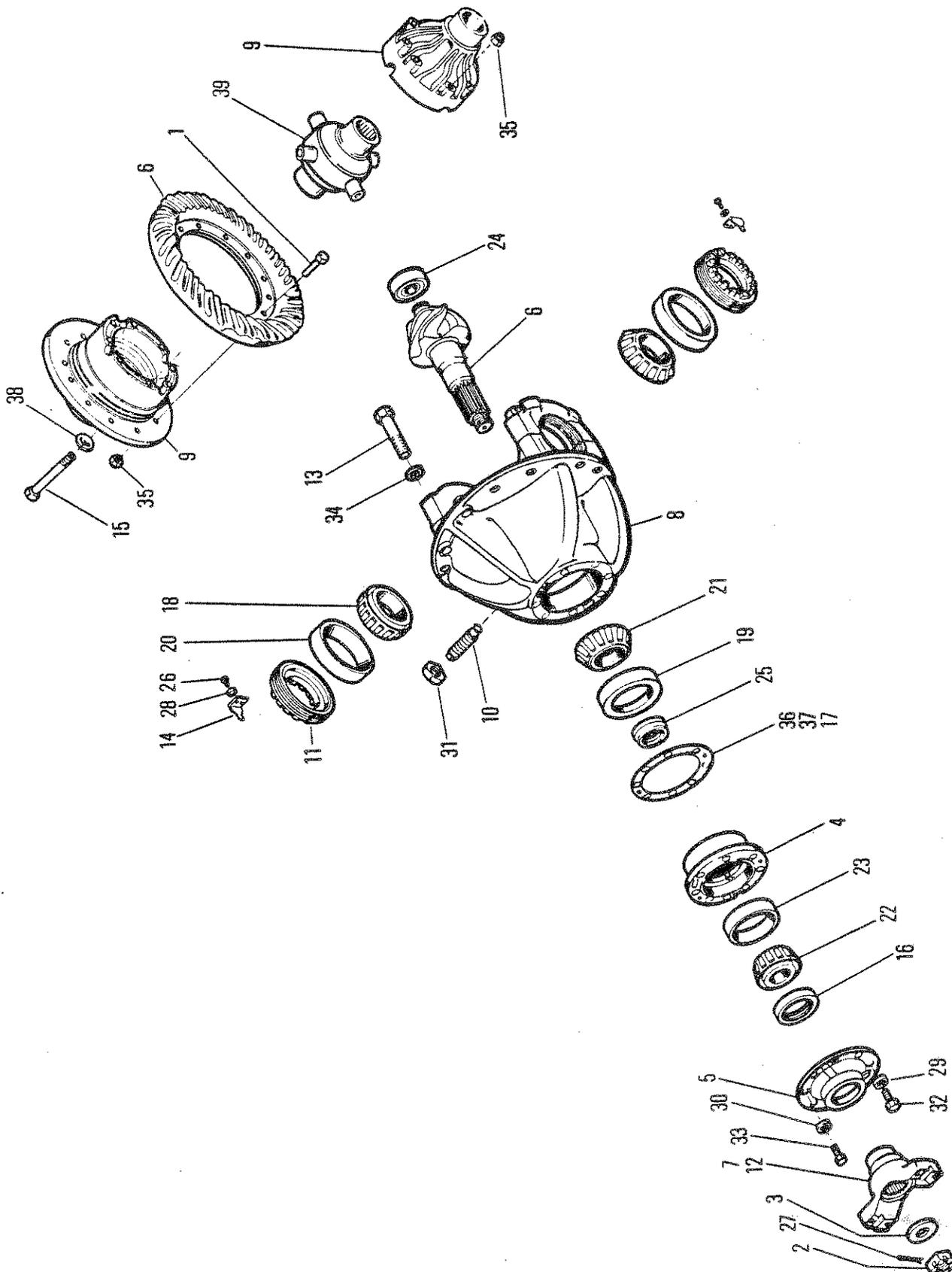
5 Inc 5

6 Inc C,D & 1 → 40

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC  
 552A-101-CAC → 552A-9999-CAC



6032TP

**DIFFERENTIAL & CARRIER ASSEMBLY, REAR-19640**  
**ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, ARRIERE-19640**  
**DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTER-19640**  
**CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRO-19640**  
**CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1129638	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	2124202	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
C	3118704	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
1	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
2	101262	1	Nut	écrou	Mutter	porca	tuerca
3	101263	1	Washer	rondelle	Scheibe	arruela	arandela
4	4110843	1	Pinion brg cage	cage roul de pign	Ritzzellagerkäfig	grade rol pinhão	jaula coj piñon
5	110847	1	Retainer	arrêtoir	Halterung	retentor	retén
6	116729	1	Gear&pin set	pignon-couronne jeu	Zahnrad&Ritzelsatz	corôa-pinhão jôgo	corona-piñón juego
7	112084	1	Flange	bride	Flansch	flange	brida
8	5112289	1	Carr&cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
9	6815769	1	Diff case	boitier différentiel	Differentialgehäuse	diferencial carcaca	diferencial carcasa
10	121241	1	Screw	vis	Schraube	parafuso	tornillo
11	123747	2	Nut	écrou	Mutter	porca	tuerca
12	128789	1	Debris shield	ecran de débris	Schutzschild	abrigo de esc	resq deshechos
13	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
14	126468	2	Lock	serrure	Schloss	fechadura	cerradura
15	126624	8	Bolt	boulon	Boizen	parafuso	bulón
16	128400	1	Seal	joint étanchéité	Dichtung	vedador	sello
17	125568	-	Shim	cale	Beilage	calço	planchita
18	654144	2	Cone	cône	Kegel	cone	cono
19	658988	1	Cup	cuvette	Schale	capa	cubeta
20	667275	2	Cup	cuvette	Schale	capa	cubeta
21	667276	1	Cone	cône	Kegel	cone	cono
22	667277	1	Cone	cône	Kegel	cone	cono
23	667278	1	Cup	cuvette	Schale	capa	cubeta
24	667466	1	Bearing	palier	Lager	mancal	cojinete
25	104226	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
26	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
27	1F000732	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
28	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	4E000009	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
31	8D000018	1	Nut	écrou	Mutter	porca	tuerca
32	17C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000932	7	Bolt	boulon	Bolzen	parafuso	bulón
34	26E000014	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	86D000009	20	Nut	écrou	Mutter	porca	tuerca
36	101257	-	Shim	cale	Beilage	calço	planchita
37	125567	-	Shim	cale	Beilage	calço	planchita
38	106547	16	Washer	rondelle	Scheibe	arruela	arandela
39	128222	1	No-spin	anti-patinage	No-spin	anti-patinante	no-spin

1 Inc B,C, 1 → 39

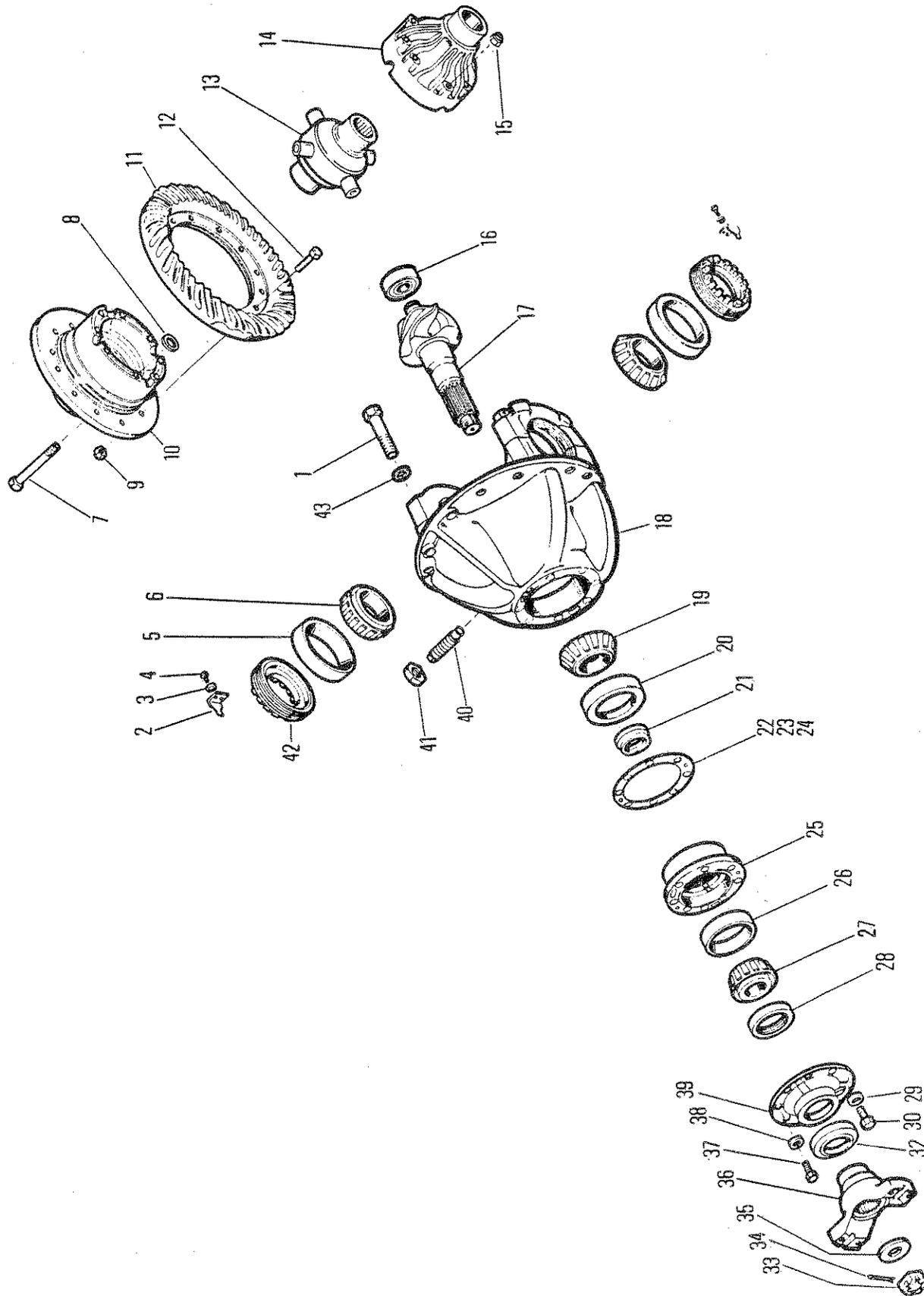
2 Inc C, 1, 6, & 35

3 Inc 9, 15, 35, 38 & 39

4 Inc 1 & 23

5 Inc 13 & 34

6 Inc 15, 35 & 38



6220TP

**DIFFERENTIAL & CARRIER ASSEMBLY, REAR-19640**  
**ENSEMBLE DIFFÉRENTIEL-PALIER & COUSSINENT, ARRIÈRE-19640**  
**DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTER-19640**  
**CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-19640**  
**CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12106703	1	Diff & carrier	dif porte-plan	Diff & Träger	difer & suporte	difer & soporte
B	4117538	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
C	5118704	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
D	815769	1	Diff case	boitier differntiel	Differentialgehäuse	diferencial carcaça	diferencial carcasa
1	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
2	126468	2	Nut lock	frein décrou	Sraubensicherung	contraporca	contratuercas
3	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
5	667275	2	Cup	cuvette	Schale	capa	cubeta
6	654144	2	Cone	cône	Kegel	cone	cono
7	126624	8	Bolt	boulon	Bolzen	parafuso	bulón
8	106547	16	Washer	rondelle	Scheibe	arruela	arandela
9	86D000009	12	Nut	écrou	Mutter	porca	tuerca
10	2§-----	-	Flange half	demi-flasque	Flanschlfte	meia flange	media brida
11	3§-----	-	Ring gear	couronne dentée	Zahnkranz	corôa	corona
12	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
13	128222	1	No-spin	anti-patinage	No-spin	anti-patinante	no-spin
14	2§-----	-	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
15	86D000009	8	Nut	écrou	Mutter	porca	tuerca
16	667466	1	Bearing	palier	Lager	mancal	cojinete
17	3§-----	1	Pinion	pignon	Ritzel	pinhão	pion
18	112289	1	Carrier & cap	Bouchone&Porteur	Träger&Verschluss	Cobert&Veiculo	Capota&Transprtadr
19	667276	1	Cone	cône	Kegel	cone	cono
20	658988	1	Cup	cuvette	Schale	capa	cubeta
21	815172	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador lôgo	espaciador igo
22	‡101257	-	Shim	cale	Beilage	calço	planchita
23	‡125567	-	Shim	cale	Beilage	calço	planchita
24	‡125568	-	Shim	cale	Beilage	calço	planchita
25	110843	1	Cage Assy	boîtier roulement ens	Rollenlager vollst	alojamto rolam cj	caja rodamiento cj
26	667278	1	Cup	cuvette	Schale	capa	cubeta
27	667277	1	Cone	cône	Kegel	cone	cono
28	128400	1	Seal	joint étanchéité	Dichtung	vedador	sello
29	4E000009	11	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	17C000932	7	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presió

1 Standard with no-spin differential Inc 1→43  
 1 Standard avec différentiel anti-patinage comprend 1→43  
 1 Serienmässig mit no-spin Differential einschli 1→43  
 1 Standard com diferencial anti-patinante incl 1→43  
 1 Standard con diferencial anti-patinaje inc 1→43

2 See D  
 2 Voir D  
 2 Siehe D  
 2 Veja D  
 2 Véase D

3 See B  
 3 Voir B  
 3 Siehe B  
 3 Veja B  
 3 Véase B

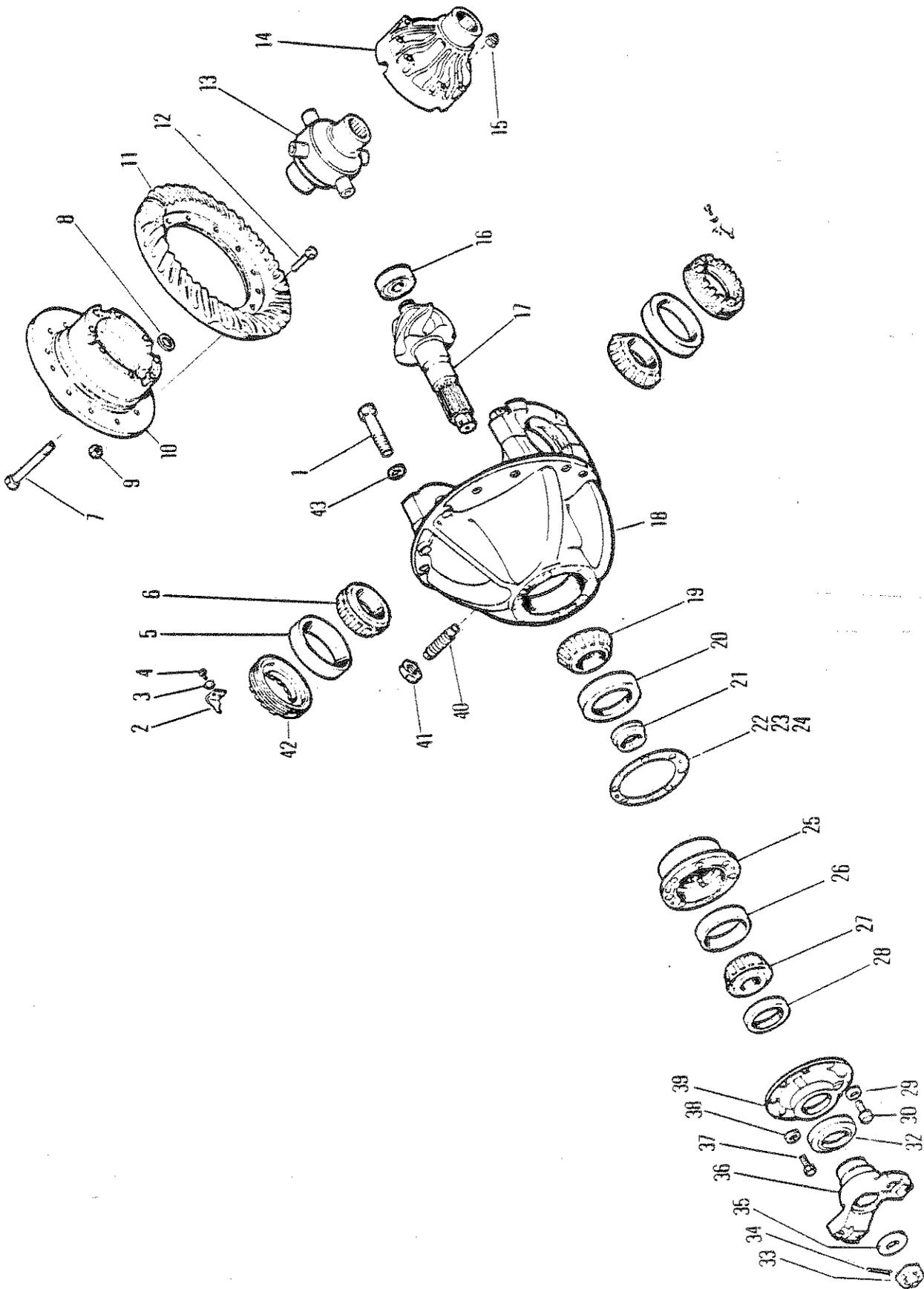
4 Inc. 11 & 17

5 Inc. 7, 8, 10, 13, 14, & 15

666CUM  
 666CUMGR  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 555A-101-CAC→555A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC



6220TP

**DIFFERENTIAL & CARRIER ASSEMBLY, REAR-19640**  
**ENSEMBLE DIFFÉRENTIEL-PALIER & COUSSINENT, ARRIÈRE-19640**  
**DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTER-19640**  
**CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-19640**  
**CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-19640**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
31	†1C000916	4	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presió
32	128789	1	Dust shield	cache poussire	Staubschild	proteção de poeira	protec ctra poivo
33	101262	1	Nut	écrou	Mutter	porca	tuerca
34	1F000732	1	Cotter	goupille	Splint	contra-pino	pasador de chaveta
35	101263	1	Washer	rondelle	Scheibe	arruela	arandela
36	117218	1	Flange	bride	Flansch	flange	brida
37	17C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
38	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	110847	1	Retainer	arrêtoir	Halterung	retentor	retén
40	121241	1	Screw	vis	Schraube	parafuso	tornillo
41	8D000018	1	Nut	écrou	Mutter	porca	tuerca
42	123747	2	Nut	écrou	Mutter	porca	tuerca
43	26E000014	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

† Standard with no-spin differential Inc 1→43  
 † Standard avec différentiel anti-patinage comprend 1→43  
 † Serienmässig mit no-spin Differential einschli 1→43  
 † Standard com diferencial anti-patinante incl 1→43  
 † Standard con diferencial anti-patinaje inc 1→43

² See D  
 ² Voir D  
 ² Siehe D  
 ² Veja D  
 ² Véase D

³ See B  
 ³ Voir B  
 ³ Siehe B  
 ³ Veja B  
 ³ Véase B

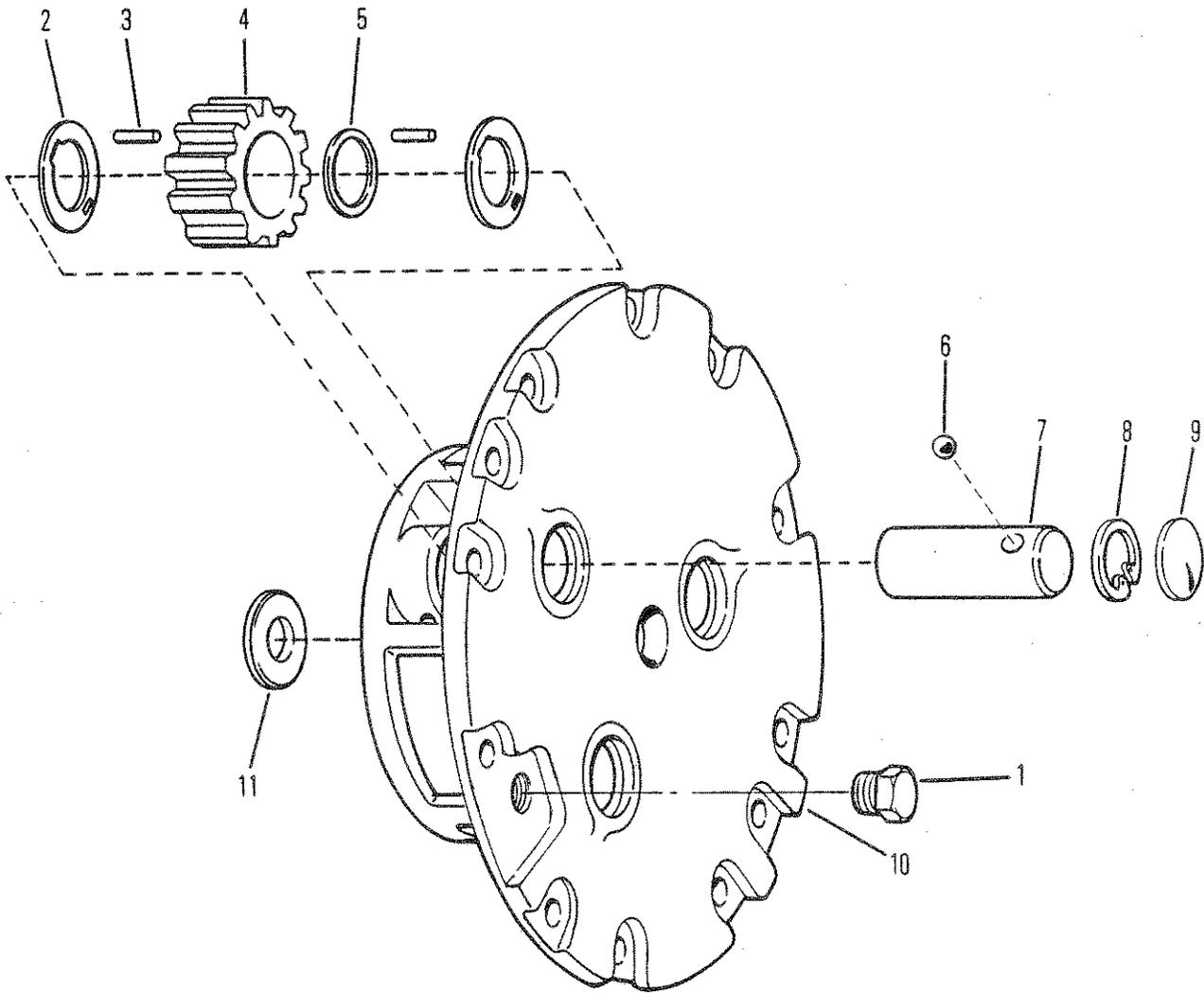
⁴ Inc. 11 & 17

⁵ Inc. 7, 8, 10, 13, 14, & 15

666CUM  
 666CUMGR  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 555A-101-CAC→555A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC



5983TP

**PLANET CARRIER ASSEMBLY-17620 & 17800**  
**PORTE PLANÉTAIRE ENSEMBLE FD & RD 17620 & 17800**  
**PLANENTRÄGER VOLLST FD & RD 17620 & 17800**  
**SUPORTE PLANET CONJUNTO FD & RD 17620 & 17800**  
**SOPORTE PLANET CONJUNTO FD & RD 17620 & 17800**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1 <sup>2</sup> 127398	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	24K000007	1	Plug	bouchon	Stopfen	bujão	tapón
2	124574	6	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
3	124576	174	Roller needle	roul à aiguilles	Nadelrolle	rolete agulha	rodillo aguja
4	124573	3	Gear	engrenage	Zahnrad	engrenagem	engranaje
5	124577	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	10J000012	3	Lock ball	bouie de verrouillage	Sperrkugel	esfera de travamento	bola de seguridad
7	124575	3	Shaft	arbre	Welle	ávore	árbol
8	672907	3	Snap ring	circlips	Sperring	anel de trava	anillo de retención
9	12F000200	3	Plug	bouchon	Stopfen	bujão	tapón
10	127399	1	Planet carrier	port planétaire	Planenträger	sup planet	sup planet
11	121166	1	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje

1 Inc 1→11

2 No longer available. To service complete assembly order 1-2107707. See Group A4 30120.

2 Plus disponible. Pour l'entretien de l'ensemble, commander 1 pièce 2107707. Voir groupe A4 30120.

2 Nicht mehr erhältlich. Zur Instandhaltung der vollständigen Einheit, bestelle man 1 Teil 2107707. Siehe Gruppe A4 30120.

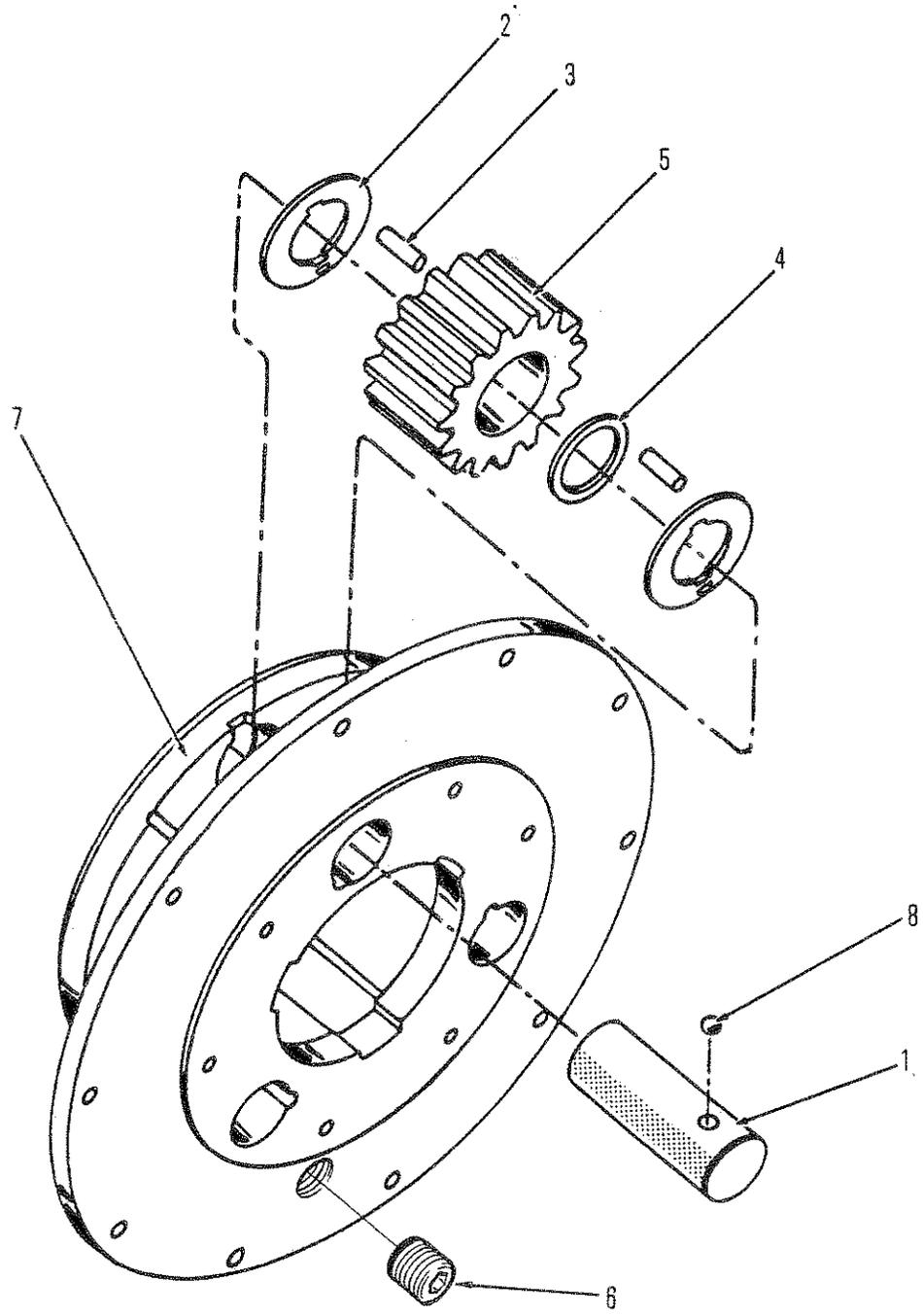
2 Não disponibilidade. Para o serviço de manutenção do conjunto completo, solicite 1 no. 2107707. Veja o grupo A4 30120.

2 No se produce más. Para el servicio del conjunto completo ordene 1 no. 2107707. Ver grupo A4 30120.

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 555A-101-CAC→555A-9999-CAC  
 548A-101-CAC→548A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

552A-101-CAC→552A-9999-CAC



5332TP

**PLANET CARRIER ASSEMBLY-17630, 19600, 19640, 19650 & 33600**  
**PORTE PLANÉTAIRE ENSEMBLE-17630, 19600, 19640, 19650 & 33600**  
**PLANENTRÄGER VOLLST-17630, 19600, 19640, 19650 & 33600**  
**SUPORTE PLANET CONJUNTO-17630, 19600, 19640, 19650 & 33600**  
**SOPORTE PLANET CONJUNTO-17630, 19600, 19640, 19650 & 33600**

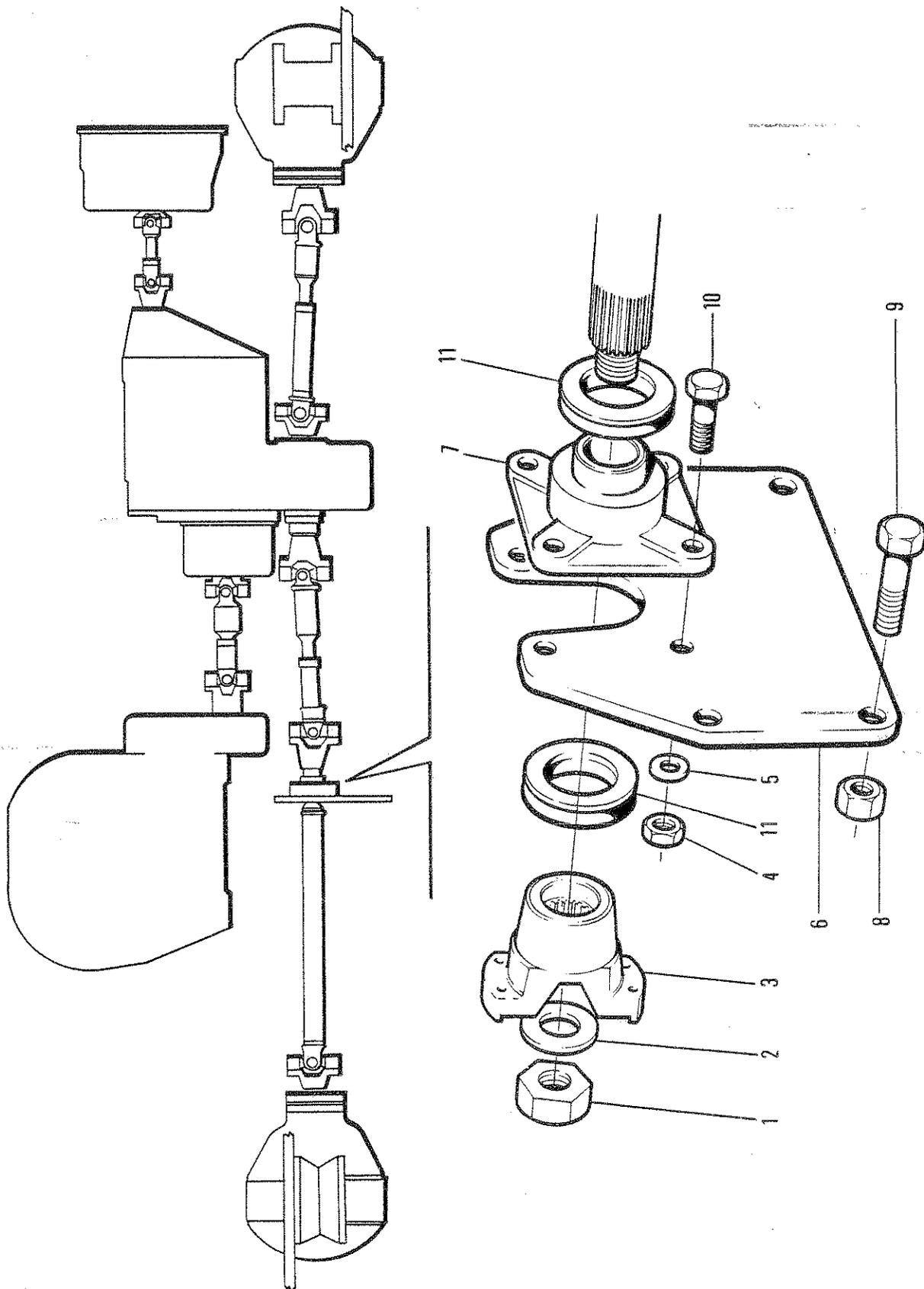
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1121632	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	106355	3	Shaft	arbre	Welle	ávore	árbol
2	106357	6	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
3	106358	150	Roller	galet	Rolle	rolete	rodillo
4	106359	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	116584	3	Pinion	pignon	Ritzel	pinhão	pion
6	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
7	121633	1	Carrier	porteur	Trger	suporte	soporte
8	10J000012	3	Ball	bille	Kugel	esfera	bola

† Inc. 1 → 8

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC  
 552A-101-CAC → 552A-9999-CAC



6534TP

**PILLOW BLOCK  
BLOC COUSSIN  
LAGERBOCK  
BLOCO DE APOIO  
CAJA DE CHUMACERA**

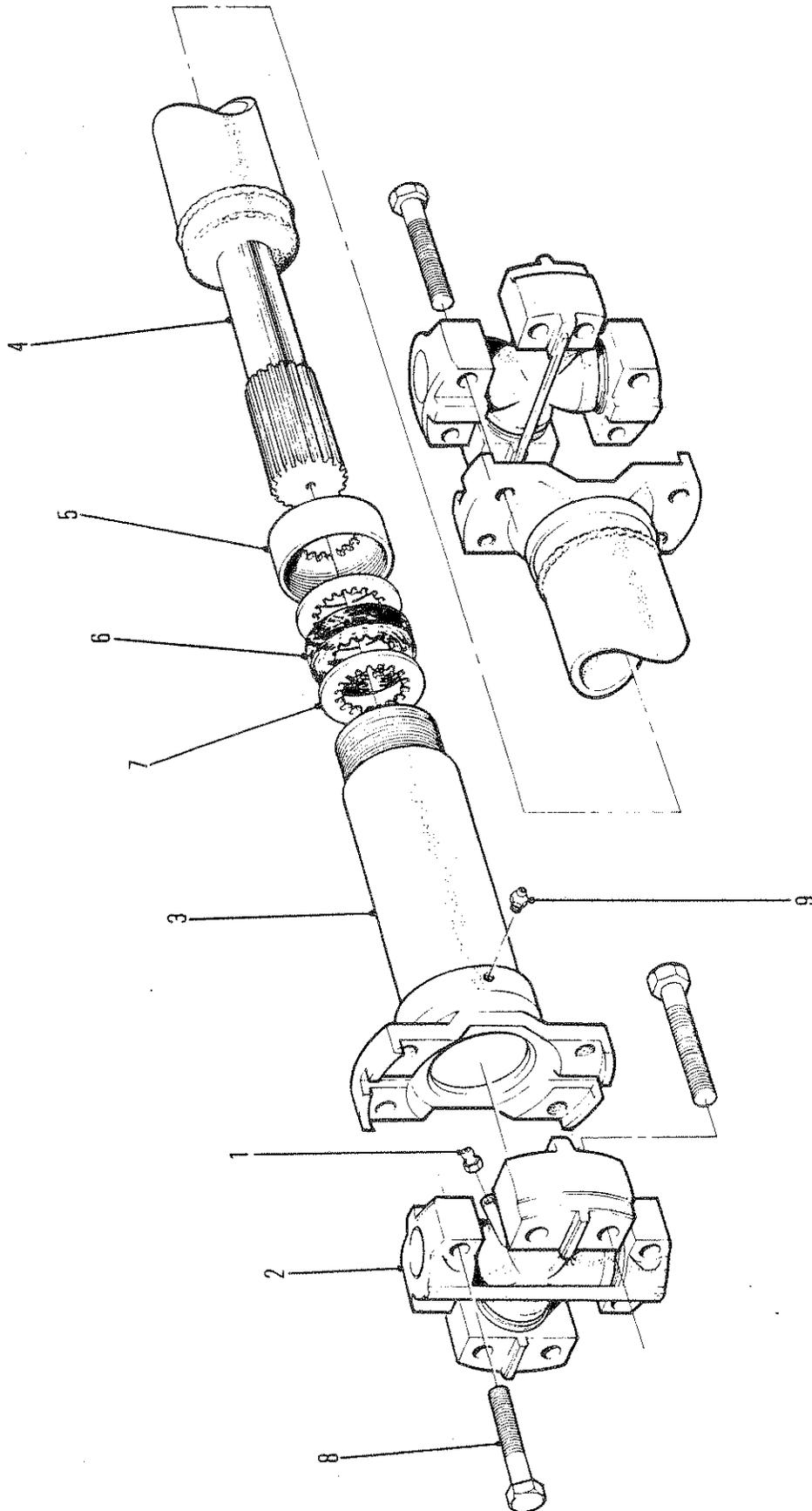
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	961909	1	Nut	écrou	Mutter	porca	tuerca
2	1933941	1	Washer	rondelle	Scheibe	arruela	arandela
3	961906	1	Yoke	chape	Joch	garfo	horqueta
4	59D000010	4	Nut	écrou	Mutter	porca	tuerca
5	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela
6	1934360	1	Support	support	Abstützung	suporte	soporte
7	1938020	1	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
8	59D000012	4	Nut	écrou	Mutter	porca	tuerca
9	17C001240	4	Bolt	boulon	Bolzen	parafuso	bulón
10	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
11	1938166	1	Seal	joint étanchéité	Dichtung	vedador	sello

1 Ref S.B. Group 453, No. 02, 9/86.

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6267TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION/CONVERTER**  
**ARBRE D'ENTRÎNEMENT-TRANSMISSION/CONVERTISSEUR ENSEMBLE**  
**GELENKWELLE VOLLSTÄNDIG-GETRIEBE/DREHMOMENTWANDLER**  
**EIXO PROPULSOR-TRANSMISSÃO/CONVERTIDOR, CONJUNTO**  
**ARBOL PROPULSOR-TRANSMISSIÓN/CONVERTIDOR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12525274	1	Propshaft	arbre de lhélice	Propellerwelle	eixo de propulsão	eje propulsor
B	21992145	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	944688	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	945208	2	Spider&bearing	roue&rouiement	Drehkreuz	aranha e rolamento	araña y coj
3	8-----	1	Slip yoke	chape coulissnte	Gleitkuppig	garfo corredião	acople telescop
4	1992146	1	Stub yoke	chape de fusé	Stumpfjoch	ponta do garfo	horquilla tocon
5	942744	1	Stuffing cap	chapeau du bourrage	Stopfkappe	tampa de enchim	tapa de estopas
6	942751	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992038	2	Washer	rondelle	Scheibe	arruela	arandela
8	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
9	10H000035	1	Fitting	ajustage	Verbindung	ajuste	accesorio

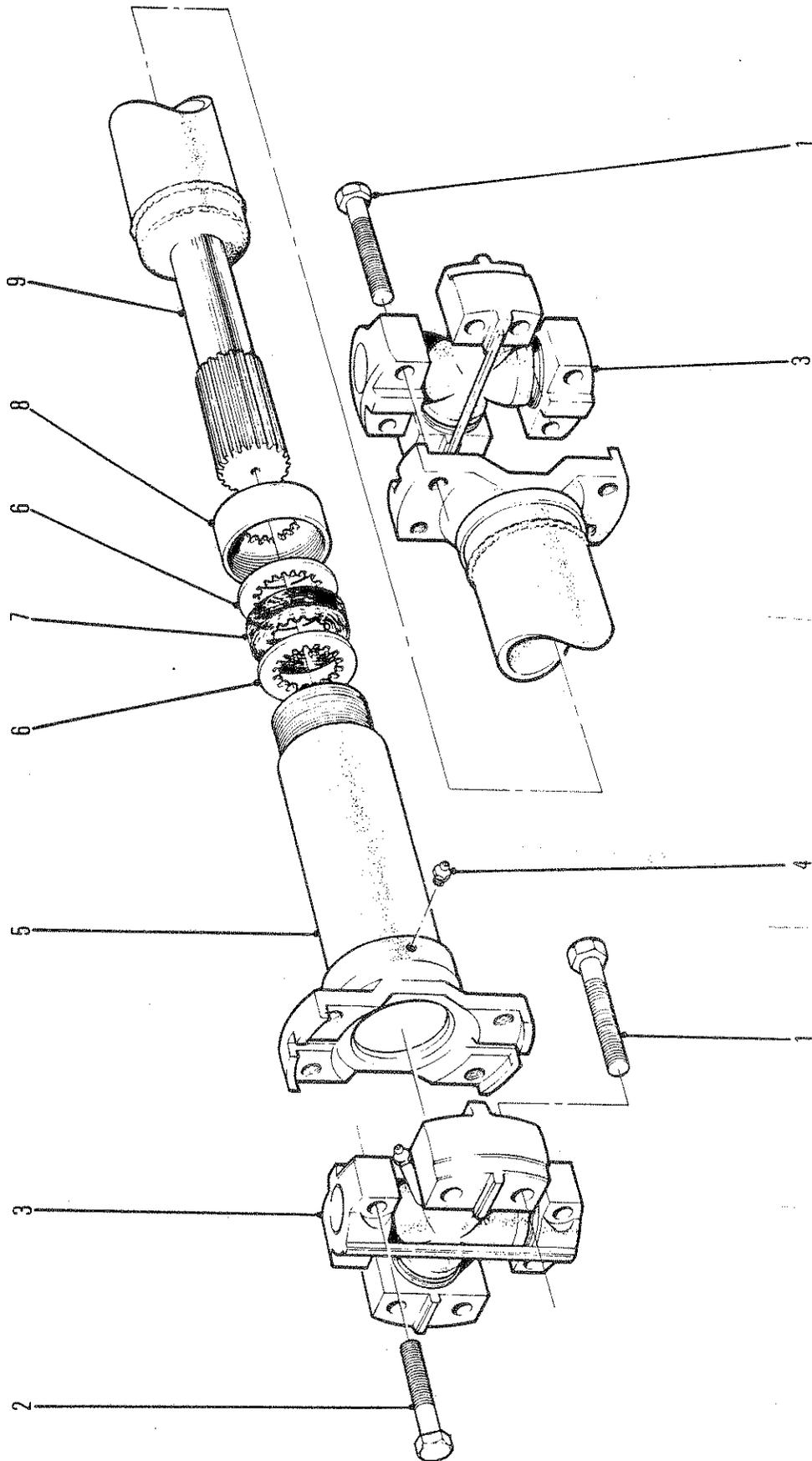
<sup>1</sup> Inc 1⇒9

<sup>2</sup> Inc 3, 5, 6, 7&9

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



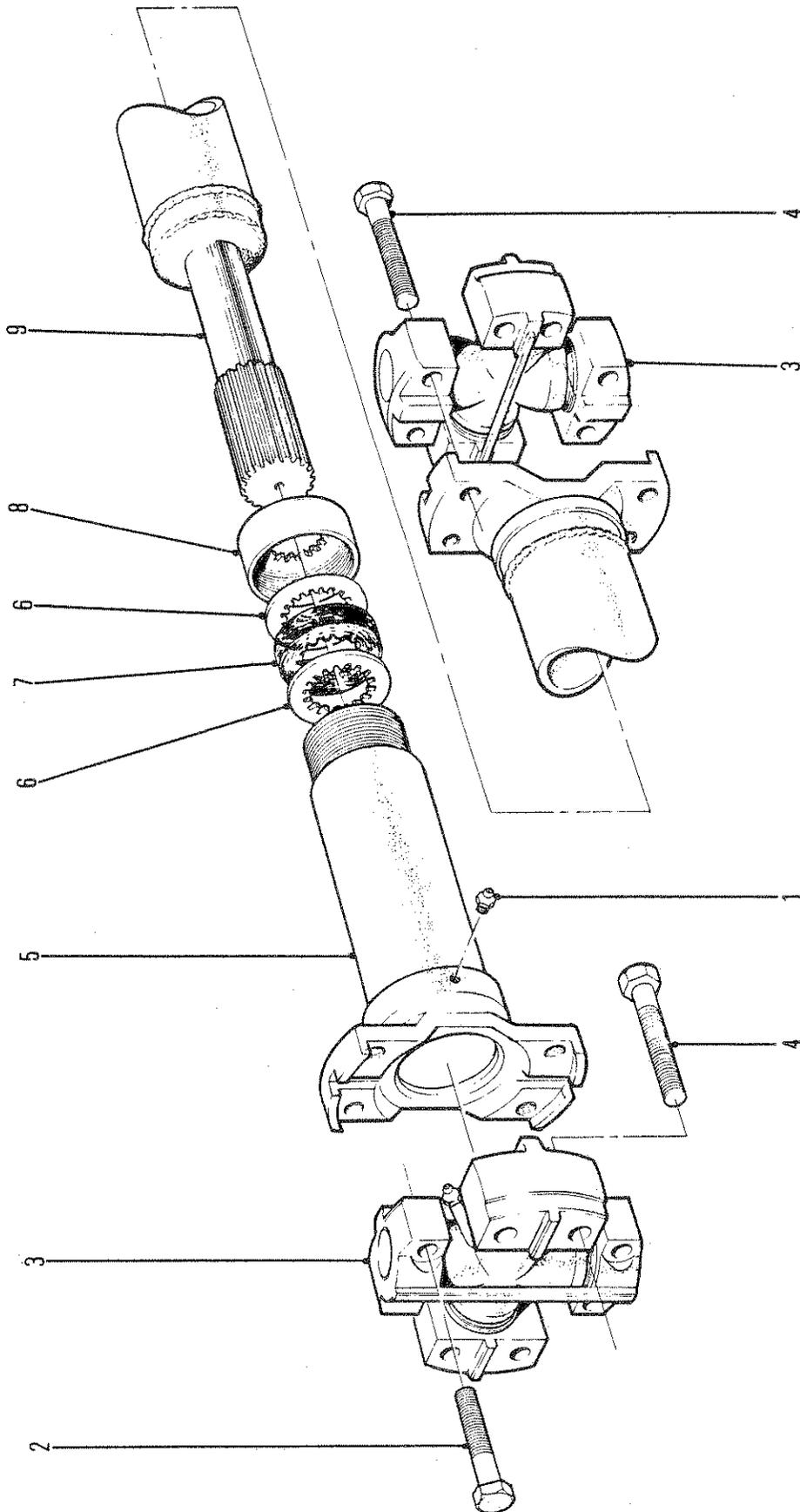
6265TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION/WINCH  
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL  
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE  
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO  
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12535698	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	<sup>2</sup> 1992250	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corrediào	cj acople telescop
1	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
2	18C000628	8	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
3	887737	2	Spider assy	ens croisillon	Kreuzgelenk vollst	coni cruzeta	coni cruceta
4	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
5	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corrediào	acople telescop
6	1991954	2	Washer	rondelle	Scheibe	arruela	arandela
7	940081	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	940654	1	Cap	chapeau	Kappe	tampa	tapa
9	1992363	1	Stub yoke	chape de fusé	Stumpfjoch	ponta do garfo	horquilla tocon

<sup>1</sup> Inc 1 → 9

<sup>2</sup> Inc 4 → 9



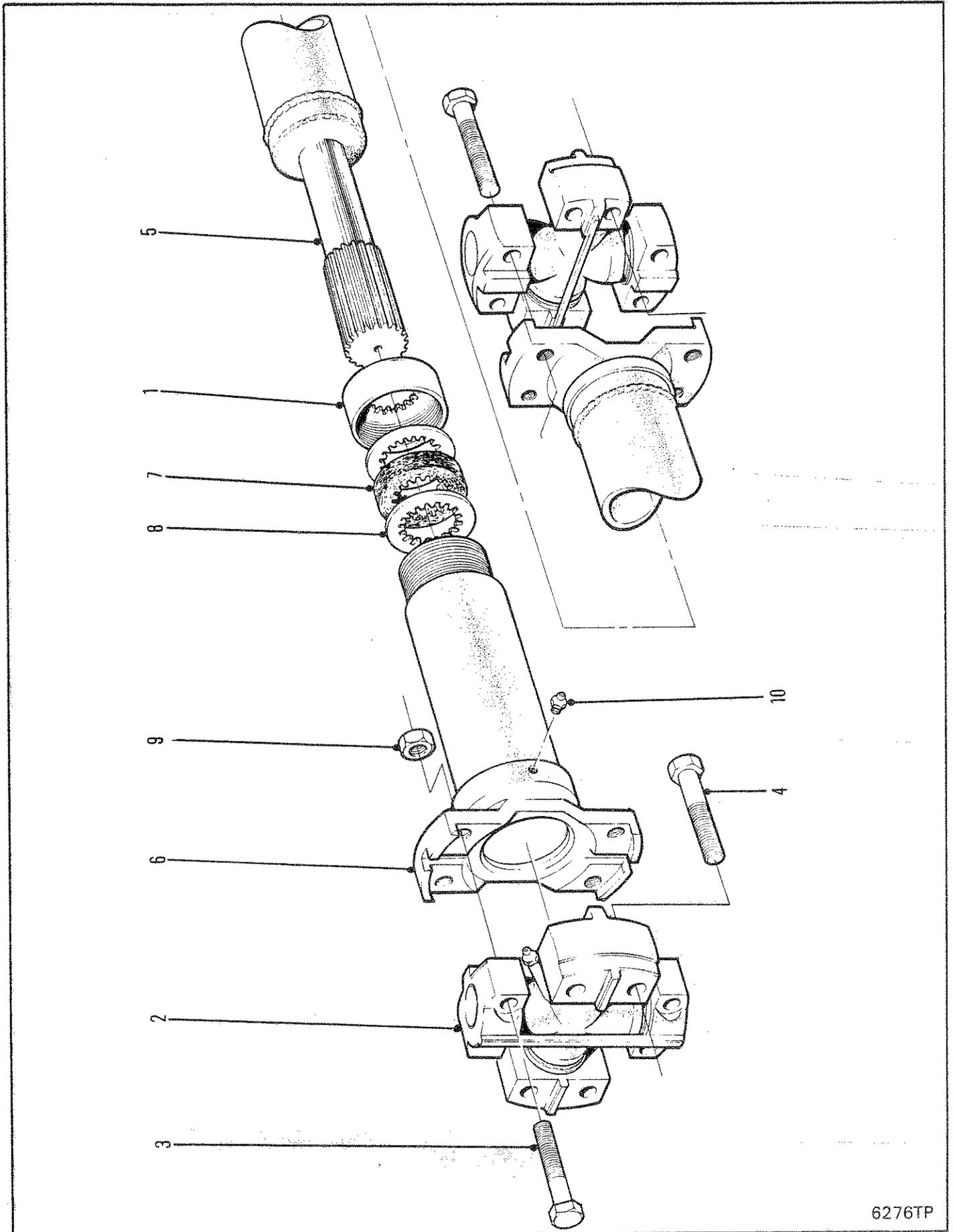
6265TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION/WINCH**  
**ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL**  
**ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE**  
**CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO**  
**CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11936449	1	Propshaft	arbre de hélice	Propellerwelle	eixo de propulsão	eje propulsor
B	21992412	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corrediào	cj acople telescop
1	10H000035	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
3	945208	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
5	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corrediào	acople telescop
6	1992038	2	Washer	rondelle	Scheibe	arruela	arandela
7	942751	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	942744	1	Cap	chapeau	Kappe	tampa	tapa
9	1992411	1	Stub yoke	chape de fusé	Stumpfjoch	ponta do garfo	horquilla tocon

1 Inc B, & 1 → 9

2 Inc 1 & 5 → 8



6276TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION-FRONT AXLE  
ENSEMBLE ARBRE CARDAN-TRANSMISSION-PONT AVANT  
PROPELLER WELLENAGGREGAT-ÜBERSETZUNG-VORDERACHSE  
CONJUNTO HÉLICE EIXO-TRANSMISSÃO-EIXO FRENTE  
CONJUNTO DEL EJE CARDAN-TRANSMISIÓN-EJE DELANTERO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11917209	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	21991277	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	18C000628	8	Bolt	boulon	Boizen	parafuso	bulón
4	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
5	1991278	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
7	5299099	1	Washer	rondelle	Scheibe	arruela	arandela
8	5299100	2	Retainer	arrêtoir	Halterung	retentor	retén
9	8D000006	8	Nut	écrou	Mutter	porca	tuerca
10	10H000025	3	Fitting	ajustage	Verbindung	ajuste	accesorio

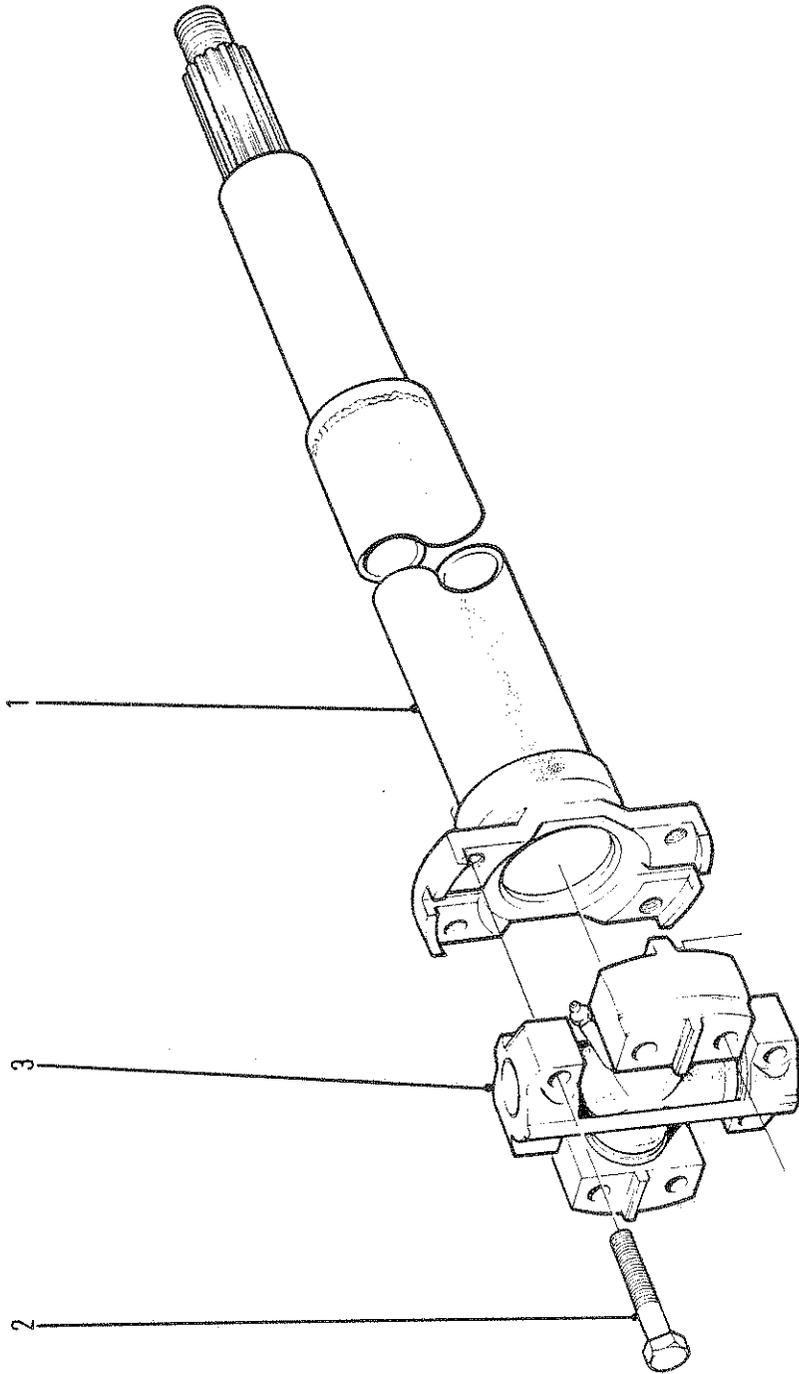
1 Inc B,1→10

2 Inc 1, 6, 7, 8 & 10

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC→559A-9999-CAC  
555A-101-CAC→555A-9999-CAC  
548A-101-CAC→548A-9999-CAC  
549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
552A-101-CAC→552A-9999-CAC



6157TP

**PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT**  
**ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-ESSIEUX ARRIÈRE**  
**KARDANWELLE, VOLLSTÄNDIG-HINTERACHSEN**  
**CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIORS**  
**CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11934863	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
1	1992356	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
2	18C000628	4	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	1	Spider&brg assy	ens satel&roulement	Kreuzgel&Lager voll	conj cruzeta&mancal	conj cojinete&estr

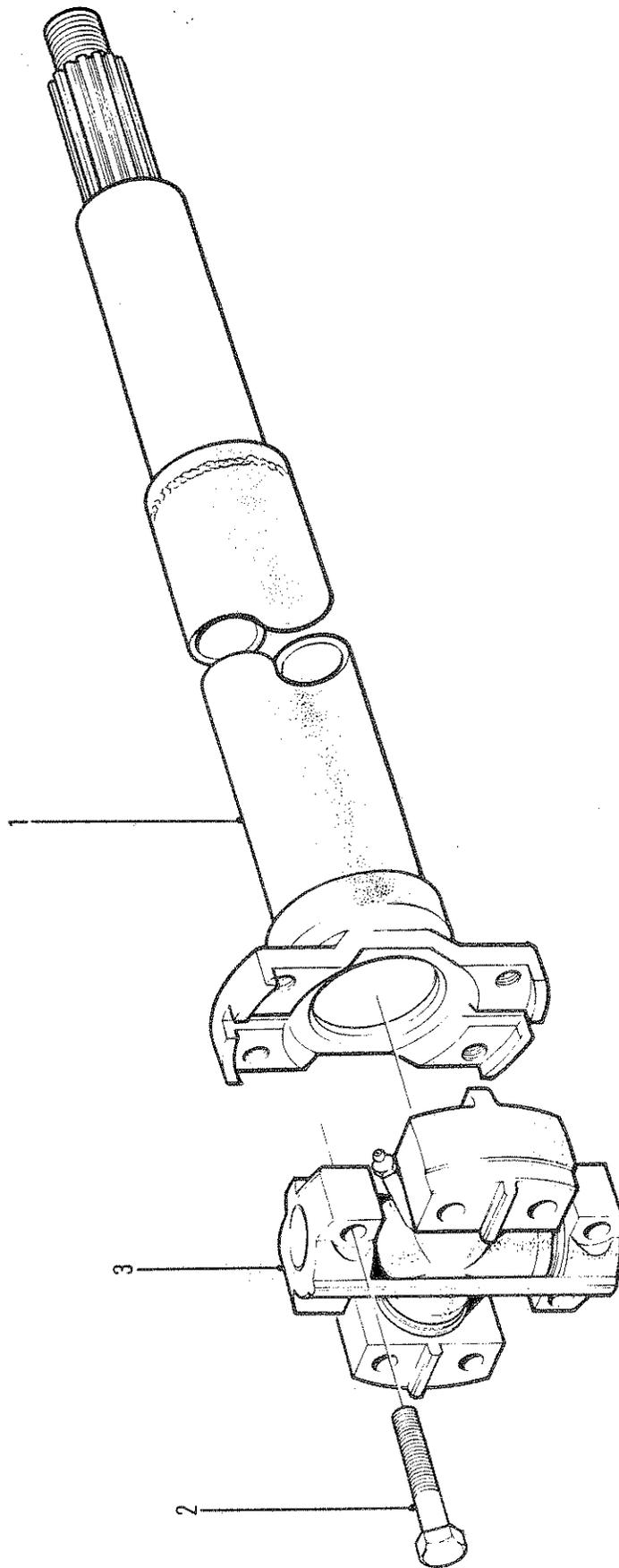
1 Inc 1→3

666CUM  
 666CUMGR  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 564A-101-CAC→564A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

552A-101-CAC→552A-9999-CAC

555A-101-CAC→555A-9999-CAC



6157TP

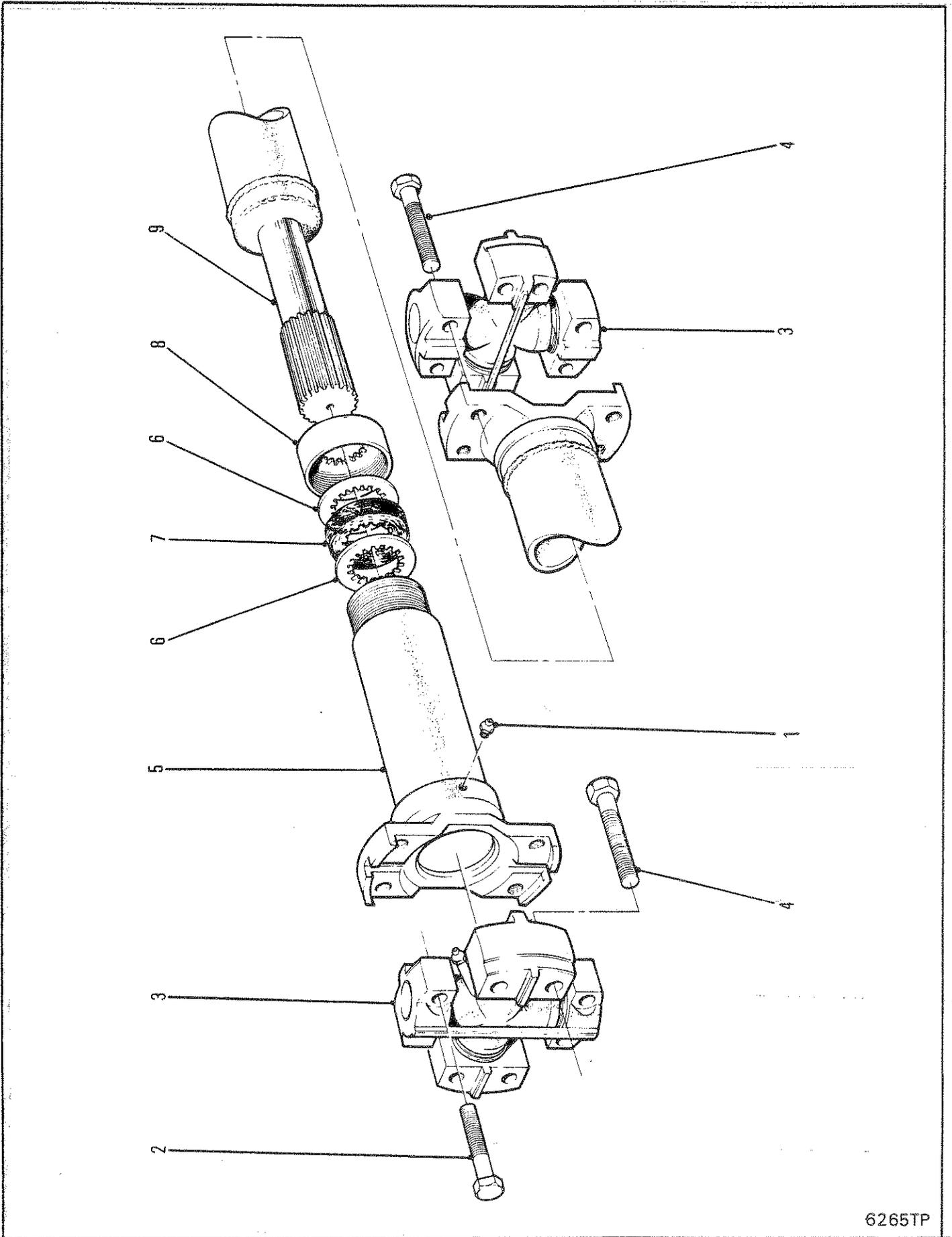
**PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT**  
**ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-ESSIEUX ARRIÈRE**  
**KARDANWELLE, VOLLSTÄNDIG-HINTERACHSEN**  
**CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIORS**  
**CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11936496	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
1	1992404	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
2	18C000628	4	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	1	Spider&brg assy	ens satel&roulement	Kreuzgel&Lager voll	conj cruzeta&mancal	conj cojinete&estr

† Inc 1 → 3

666CUM  
 666CUMGR  
 666GM

559A-101-CAC → 559A-9999-CAC  
 564A-101-CAC → 564A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC



6265TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION/MID-MOUNT**  
**ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/MONTAGE CENTRAL**  
**ANTRIEBSWELLEN-AGGREGAT GETRIEBE/MITTELSTÜTZE**  
**CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/MONTANTE DO MEIO**  
**CONJUNTO EJE PROPULSOR-TRANSMISIÓN/MONTAJE INTERMEDIO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Prop shaft	arbre de transmission	Antriebswelle	eixo da hélice	eje de propulsión
B	<sup>2</sup> 1992358	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bioco corredião	cj acople telescop
1	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
5	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
6	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
7	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	940090	1	Cap	chapeau	Kappe	tampa	tapa
9	1992365	1	Tube	tube	Rohr	tubo	tubo

<sup>1</sup> Inc 1⇒9 No longer available. For service replacement, order 1938521 Propshaft Assembly.

<sup>1</sup> Inc 1⇒9 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1938521.

<sup>1</sup> Inc 1⇒9 Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1938521.

<sup>1</sup> Inc 1⇒9 Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1938521.

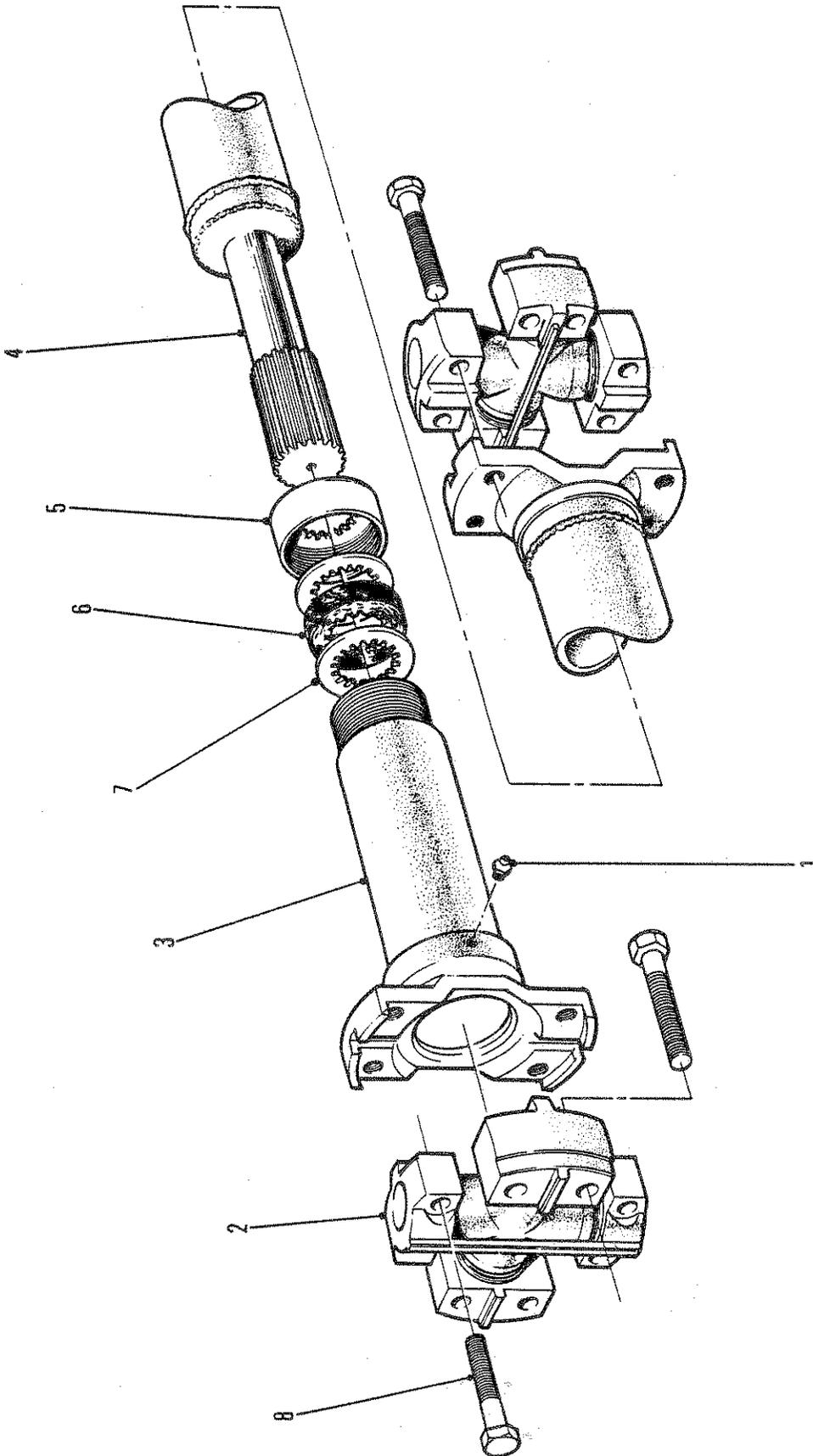
<sup>1</sup> Inc 1⇒9 No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1938521.

<sup>2</sup> Inc 1, 5⇒8:

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-333-CAC  
 555A-101-CAC⇒555A-564-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-2009-CAC  
 552A-101-CAC⇒552A-9999-CAC



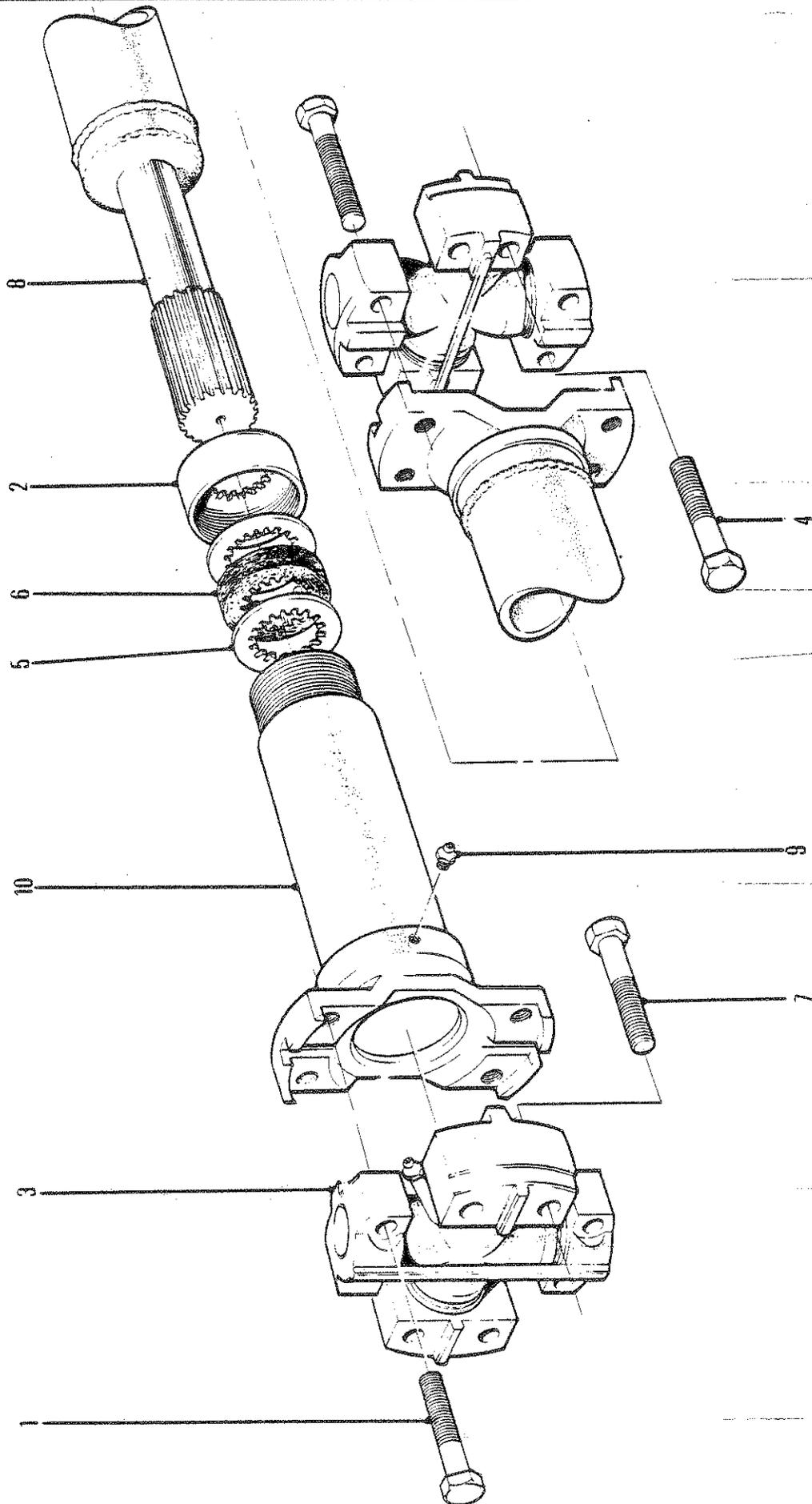
6713TP

**PROPELLER SHAFT ASSEMBLY, TRANSMISSION/MID-MOUNT  
 ENSEMBLE ARBRE DE PROPULSION, TRANSMISSION/  
 MONTAGE CENTRAL  
 KARDANWELLE VOLLST. GETREIBE/MITTELSTÜTZE  
 CONJUNTO DO EIXO DE HÉLICE, TRANSMISSÃO INTERPOSTA  
 CONJUNTO DE EJE IMPULSOR, TRANSMISSION/MONTAJE INTERMEDIO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11938521	1	Propshaft	arbre de hélice	Propellerwelle	eixo de propulsão	eje propulsor
B	21992358	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	1992573	2	Spider&bearing	roue&roulement	Drehkreuz	aranha e rolamento	araña y coj
3	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
4	1992365	1	Tube	tube	Rohr	tubo	tubo
5	942744	1	Stuffing cap	chapeau du bourrage	Stopfkappe	tampa de enchim	tapa de estopas
6	5299099	1	Washer	rondelle	Scheibe	arruela	arandela
7	5299100	2	Retainer	arrêtoir	Halterung	retentor	retén
8	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón

1 Inc B & 1 → 8

2 Inc 1,3 & 5 → 7



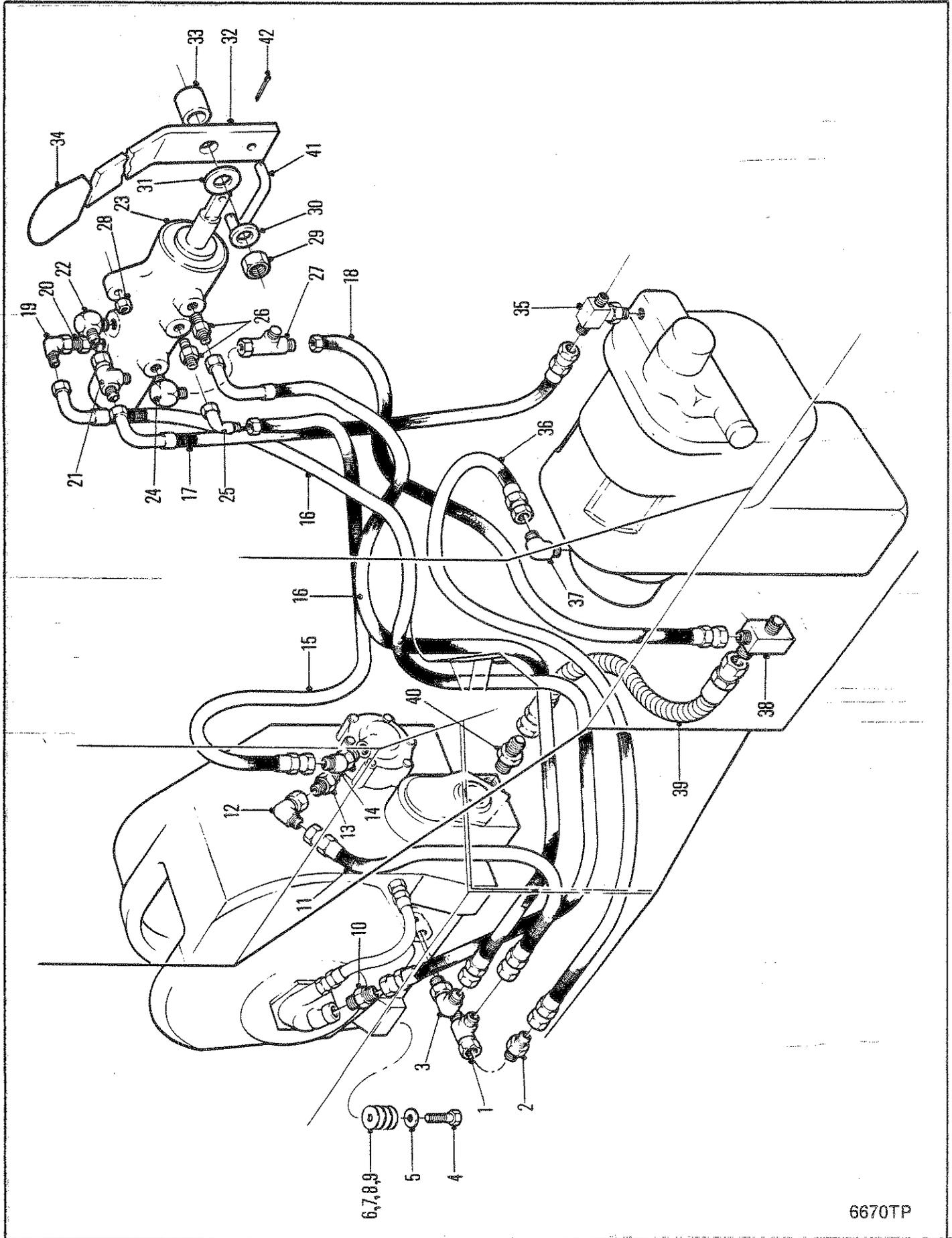
6304TP

**PROPELLER SHAFT ASSEMBLY-TRANSMISSION/PILLOW BLOCK  
ENSEMBLE D'ARBRE D'ENTRAINEMENT-BOÎTE DE VITESSE/PALIER  
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/LAGERBOCK  
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/CHUMACEIRA  
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/DESCANSO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11911540	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1992253	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corrediào	cj acople telescop
1	18C000632	16	Bolt	boulon	Bolzen	parafuso	bulón
2	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
3	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	18C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
5	1990125	2	Washer	rondelle	Scheibe	arruela	arandela
6	1990126	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	947382	4	Bolt	boulon	Bolzen	parafuso	bulón
8	1990308	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
9	10H000025	3	Fitting	ajustage	Verbindung	ajuste	accesorio
10	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corrediào	acople telescop

1 Inc B & 1 → 10 No longer available. For service replacement, order 1-1935747 Propshaft Assembly.  
 1 Inc B & 1 → 10 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1-1935747.  
 1 Inc B & 1 → 10 Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1-1935747.  
 1 Inc B & 1 → 10 Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1-1935747.  
 1 Inc B & 1 → 10 No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1-1935747.

2 Inc 2, 5, 6, 9 & 10



**WINCH CONTROLS & HYDRAULICS**  
**COMMANDES DE TREUIL & D'HYDRAULIQUE**  
**WINDEN- & HYDRAULIKBEDIENUNG**  
**CONTROLE & HIDRÁULICO DO GUINCHO**  
**CONTROLES & HIDÁULICA DEL GUINCHE**

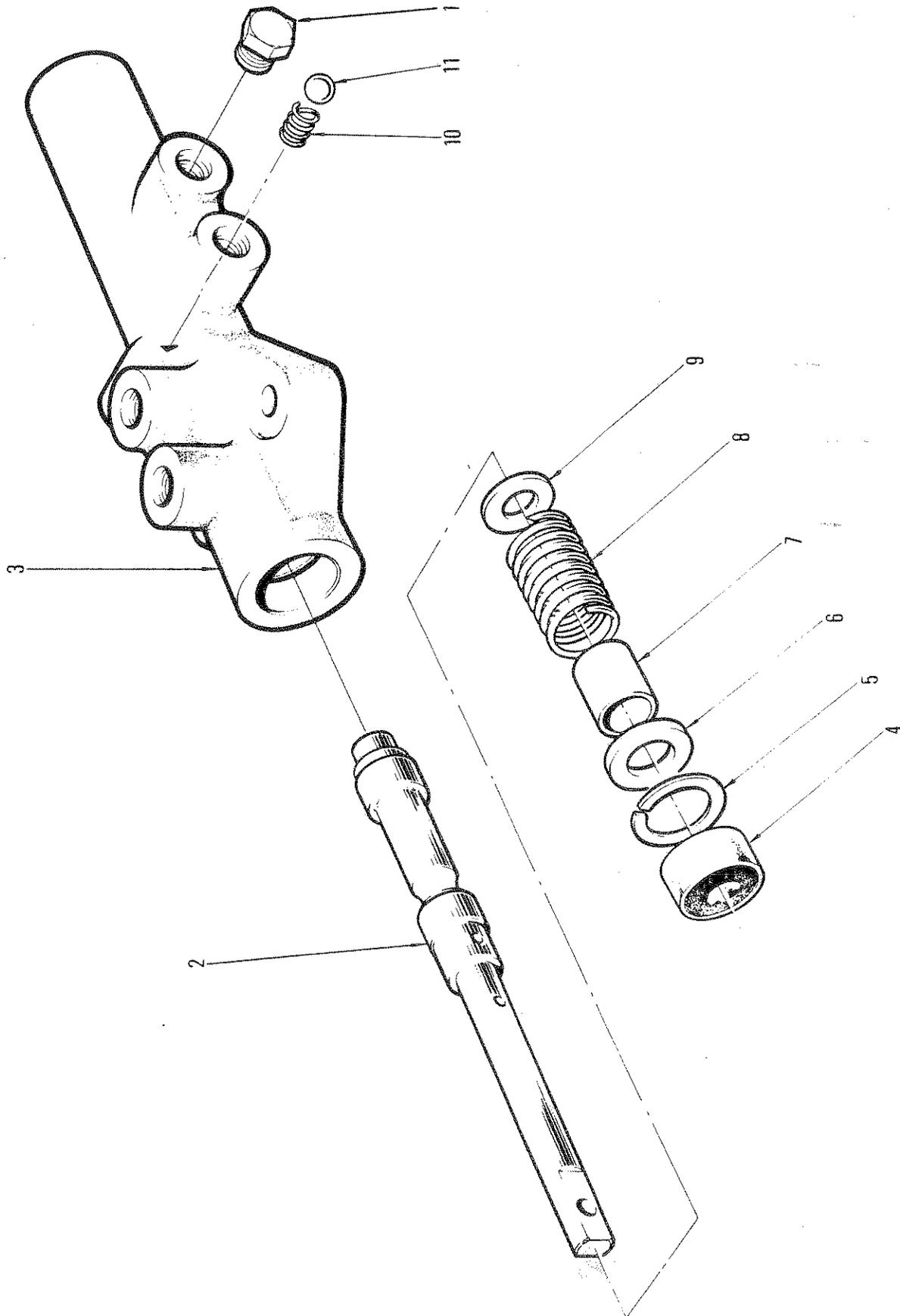
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	13K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
2	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
3	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
4	17C002056	4	Bolt	boulon	Bolzen	parafuso	bulón
5	1504356	4	Washer	rondelle	Scheibe	arruela	arandela
6	1928246	-	Shim .0179	cale 0,45MM	Beilage 0,45MM	calço 0,45MM	planchita 0,45MM
7	1928247	-	Shim .0478	cale 1,21MM	Beilage 1,21MM	calço 1,21MM	planchita 1,21MM
8	1928248	-	Shim .0299	cale 0,76MM	Beilage 0,76MM	calço 0,76MM	planchita 0,76MM
9	27E000020	-	Washer	rondelle	Scheibe	arruela	arandela
10	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
11	1905864	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
14	18K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
15	1935637	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1935639	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1935640	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1936634	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
20	1902863	1	Connector	raccord	Verbindungsstück	ligador	conector
21	13K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
22	2535834	1	Elbow	coude	Winkelrohr	cotovêlo	codo
23	-----	1	Valve	soupape	Ventil	válvula	válvula
24	1300059	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
26	1902863	2	Connector	raccord	Verbindungsstück	ligador	conector
27	13K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
28	59D000006	2	Nut	écrou	Mutter	porca	tuerca
29	85D000006	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
30	27E000006	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
31	616792	1	Washer	rondelle	Scheibe	arruela	arandela
32	1935288	1	Lever	levier	Hebel	alavanca	palanca
33	1935313	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
34	1935250	1	Grip	poignée	Griff	punho	mango
35	1905879	1	Fitting	ajustage	Verbindung	ajuste	accesorio
36	1904808	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
37	89F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
38	430143	1	Tee	raccord T	T-Verbindungsstück	te	te
39	1938238	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
40	89F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
41	1935249	1	Link	articulation	Gelenk	articulação	articulación
42	†1F000312	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos

† 667 Only

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC



6078TP

**WINCH CONTROL VALVE ASSEMBLY**  
**ENSEMBLE DE SOUPAPE DE CONTRÔLE DU TREUIL**  
**STEUERVENTILKOMBINATION DE WINDE**  
**CONJUNTO DE VALVULA DE CONTRÔLE DO GUINCHO**  
**CONJUNTO VÁLVULA DE CONTROL DEL GUINCHE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	241087	1	Control vlv assy	ens soup commande	Regelventil vollst	conj válv controle	conj válv control
1	47K000012	1	Plug	bouchon	Stopfen	bujão	tapón
2	241105	1	Spool	tiroir	Spule	carretel	carrete
3	241104	1	Body	carrosserie	Karosserie	carroçria	carrocería
4	234651	1	Seal	joint étanchéité	Dichtung	vedador	sello
5	664140	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	217657	1	Washer	rondelle	Scheibe	arruela	arandela
7	231320	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	231319	1	Spring	ressort	Feder	mola	resorte
9	231387	1	Retainer	arrêtoir	Halterung	retentor	retén
10	202200	1	Spring	ressort	Feder	mola	resorte
11	10J000012	1	Ball	bille	Kugel	esfera	bola

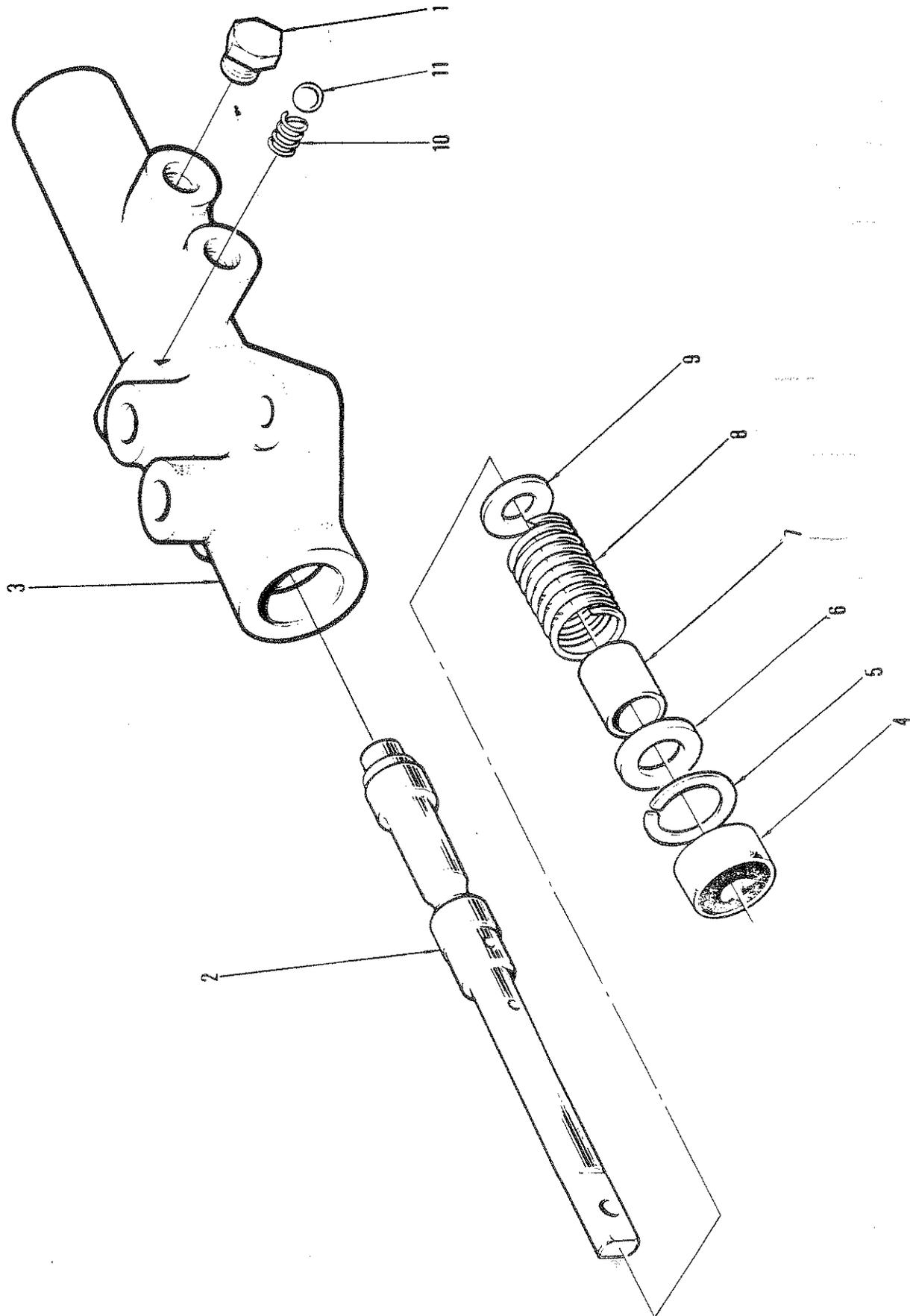
1 No longer available. For service replacement, order 242044 Control Valve Assembly.

1 Plus disponible. Pour le remplacement, commander l'ensemble de soupape de contrôle 242044.

1 Nicht mehr erhältlich. Zum Ersatz bestelle man das Regelventil 242044.

1 Não disponibilidade. Para reposição ordene conjunto de válvula de control 242044.

1 No se produce más. Para el servicio de reemplazo, ordene de válvula de control 242044.



6078TP

**WINCH CONTROL VALVE ASSEMBLY**  
**ENSEMBLE DE SOUPE DE CONTRÔLE DU TREUIL**  
**STEUERVENTILKOMBINATION DE WINDE**  
**CONJUNTO DE VALVULA DE CONTRÔLE DO GUINCHO**  
**CONJUNTO VÁLVULA DE CONTROL DEL GUINCHE**

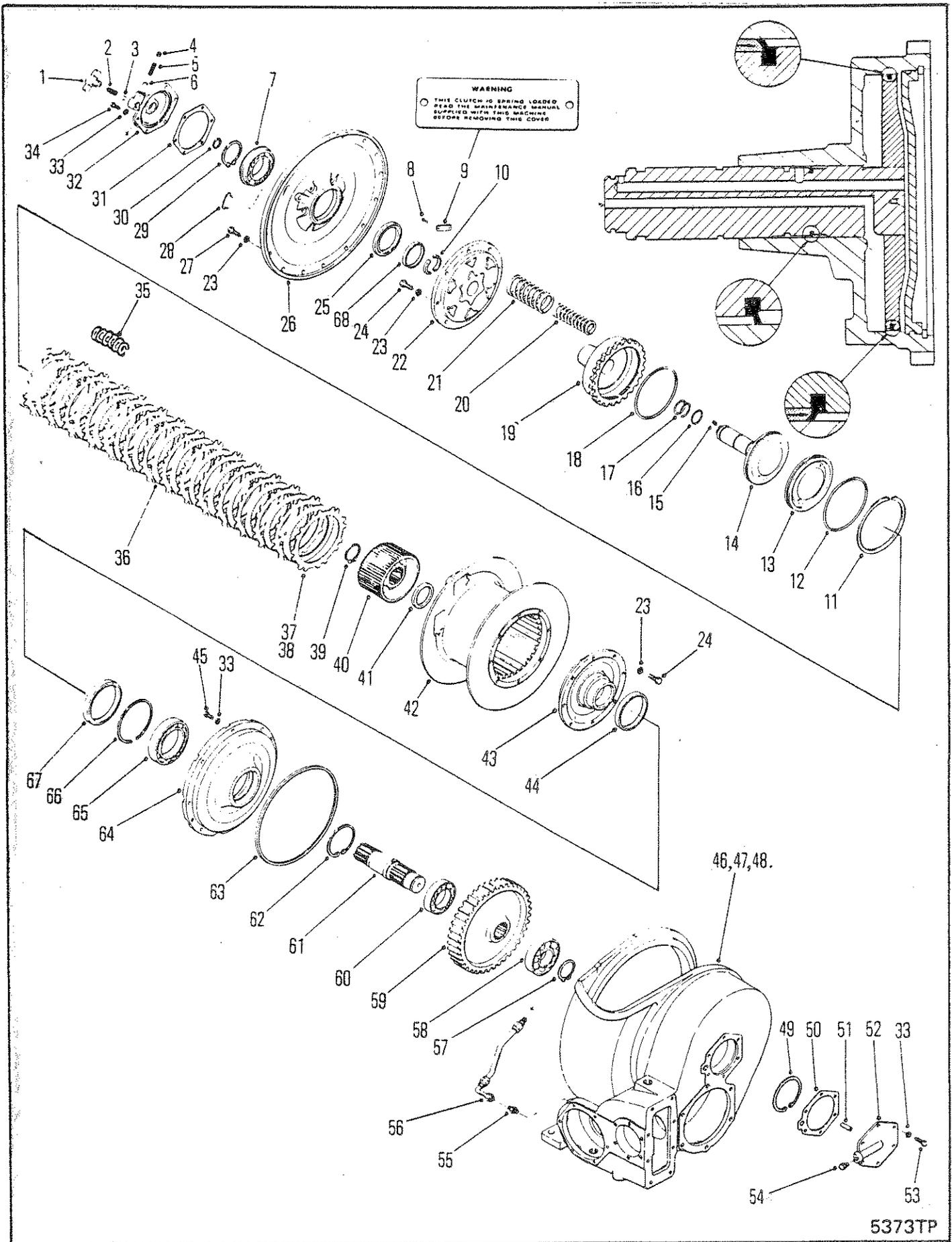
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	242044	1	Control vlv assy	ens soup commande	Regeiventil vollst	conj válv controle	conj válv control
1	47K000004	1	Plug	bouchon	Stopfen	bujão	tapón
2	242042	1	Spool	tiroir	Spule	carretel	carrete
3	242043	1	Body	carrosserie	Karosserie	carroçria	carroceria
4	234651	1	Seal	joint étanchéité	Dichtung	vedador	sello
5	664140	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	217657	1	Washer	rondelle	Scheibe	arruela	arandela
7	231320	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	231319	1	Spring	ressort	Feder	mola	resorte
9	231387	1	Retainer	arrêtoir	Halterung	retentor	retén
10	202200	1	Spring	ressort	Feder	mola	resorte
11	10J000012	1	Bail	bille	Kugel	esfera	bola

† Inc 1 ⇒ 11

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC ⇒ 559A-9999-CAC  
 555A-101-CAC ⇒ 555A-9999-CAC  
 548A-101-CAC ⇒ 548A-9999-CAC  
 549A-101-CAC ⇒ 549A-9999-CAC

564A-101-CAC ⇒ 564A-9999-CAC  
 552A-101-CAC ⇒ 552A-9999-CAC



**WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-311-1**  
**TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE WD-311-1**  
**WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-311-1**  
**GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-311-1**  
**GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-311-1**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	284247	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	232944	1	Bolt	boulon	Bolzen	parafuso	bulón
2	232903	1	Spring	ressort	Feder	mola	resorte
3	232904	1	Button	bouton	Knopf	botão	botón
4	16F000006	1	Plug	bouchon	Stopfen	bujão	tapón
5	201413	1	Spring	ressort	Feder	mola	resorte
6	232947	1	Lock	serrure	Schloss	fechadura	cerradura
7	231338	1	Bearing	palier	Lager	mancal	cojinete
8	207873	1	Screw	vis	Schraube	parafuso	tornillo
9	232338	1	Tag	etiquette	Etikett	etiqueta	etiqueta
10	231811	2	Ring	anneau	Ring	anel	anillo
11	223989	1	Ring	anneau	Ring	anel	anillo
12	25K040716	1	O ring	joint torique	O ring	anel-O	anillo-O
13	232240	1	Plug	bouchon	Stopfen	bujão	tapón
14	239216	1	Shaft	arbre	Welle	ávore	árbol
15	231231	1	Plug	bouchon	Stopfen	bujão	tapón
16	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
17	25K040200	2	O ring	joint torique	O ring	anel-O	anillo-O
18	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
19	232239	1	Piston	piston	Kolben	pistão	pistón
20	231333	6	Spring	ressort	Feder	mola	resorte
21	231332	6	Spring	ressort	Feder	mola	resorte
22	234597	1	Drum support	support du tambour	Trommelstütze	suporte do tambor	soporte del tambour
23	4E000008	25	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	17C000824	32	Bolt	boulon	Bolzen	parafuso	bulón
25	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
26	234001	1	Cover	couvercle	Deckel	tampa	tapa
27	1C000822	9	Bolt	boulon	Bolzen	parafuso	bulón
28	222418	1	Plug	bouchon	Stopfen	bujão	tapón

1 Inc 44

2 Inc 15

3 Inc 68

4 Inc 1 → 68, Ref A6 24200

5 See 22

5 Voir 22

5 Siehe 22

5 Veja 22

5 Véase 22

6 □ S.N.94804T → Winch

6 □ S.N.94804T → treuil

6 □ S.N.94804T → Winde

6 □ S.N.94804T → Guincho

6 □ S.N.94804T → Guinche

7 May require extra discs for shimming

7 Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

7 Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

7 Bei Instandhaltung oder Reparatur der Scheibe der freien Spule, benutze man eine Beilage um die Dimensionen von 6.669-6.768 zu gewähren.

7 Para o serviço e manutenção do disco com carretei livre usar calço para manterlo com 6.669-6.768 dim.

7 Para el servicio y mantenimiento del disco de carrete libre usar planchita para mantenerlo con 6.669-6.768 dim.

8 Before S/N 94804 - Qty. 11

8 Avant n/s 94804 - Qté 11

8 Vor S/Nr. 94804 - Menge 11

8 Antes n/s 94804 - Quant. 11

8 Antes de num. de serie 94804 - Cantidad: 11

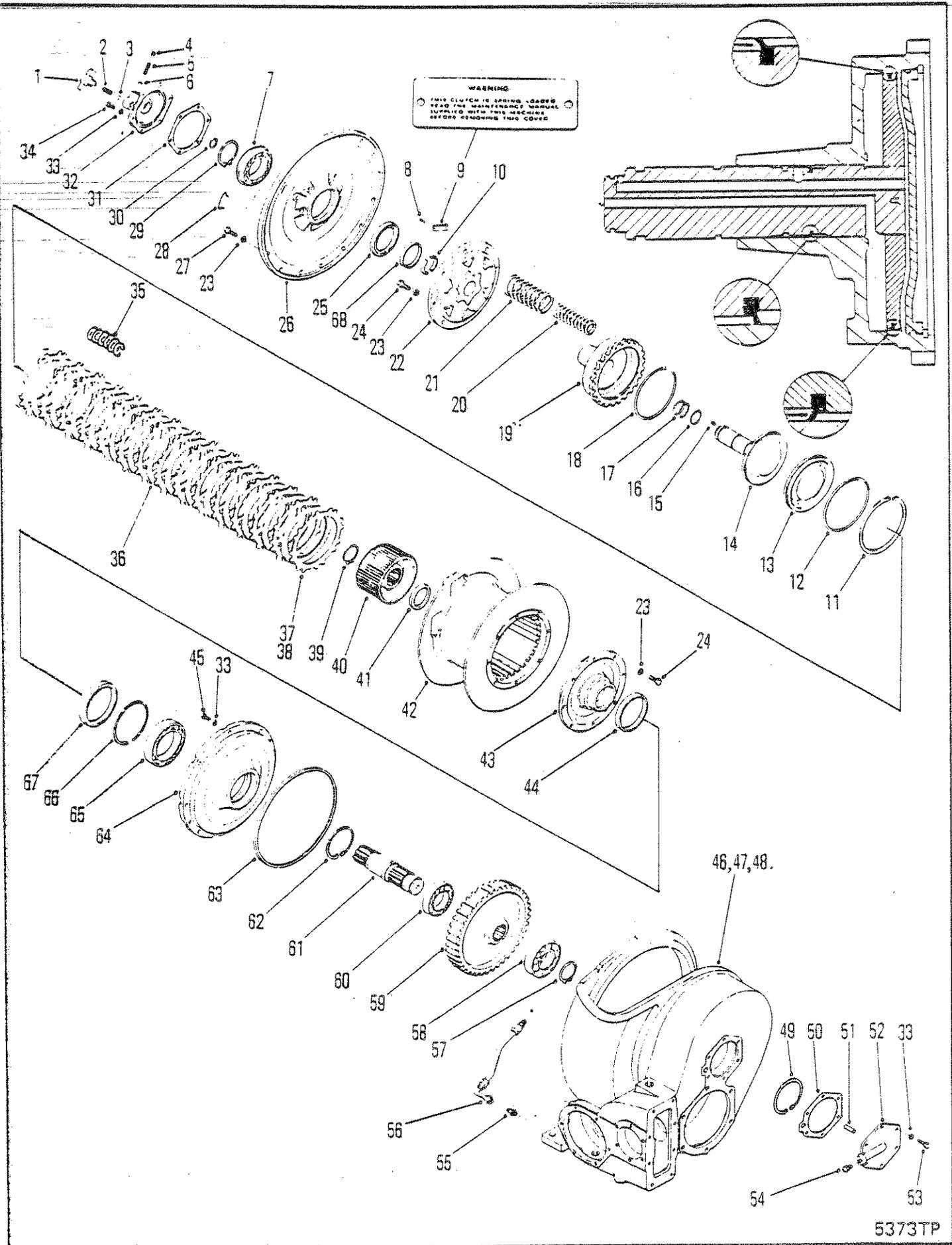
9 After S/N 94804 - Qty. 12

9 Après n/s 94804 - Qté 12

9 Nach S/Nr. 94804 - Menge 12

9 Depois n/s 94804 - Quant. 12

9 Después de num. de serie 94804 - Cantidad: 12



**WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-311-1**  
**TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE WD-311-1**  
**WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-311-1**  
**GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-311-1**  
**GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-311-1**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
29	225313	1	Ring	anneau	Ring	anel	anillo
30	223084	-	Seal	joint étanchéité	Dichtung	vedador	sello
31	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	232943	1	Cap	chapeau	Kappe	tampa	tapa
33	4E000006	20	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	1C000618	6	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
35	6236574	12	Spring	ressort	Feder	moia	resorte
36	8,9232628	-	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
37	6,7232635	12	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
38	7,9232285	11	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
39	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
40	232370	1	Hub&wsher assy	ass moyeu et rond	Nabe & Beilageinh	cubo e conj arr	conj cubo y aran
41	234761	1	Seal	joint étanchéité	Dichtung	vedador	sello
42	231300	1	Drum	tambour	Trommel	tambor	tambor
43	231495	1	Support	support	Abstützung	suporte	soporte
44	231843	1	Sleeve	manchon	Muffe	luva	manguito
45	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
46	233859	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche
47	220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
48	207878	2	Screw	vis	Schraube	parafuso	tornillo
49	711178	1	Ring	anneau	Ring	anel	anillo
50	231293	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
51	222031	1	Tube	tube	Rohr	tubo	tubo
52	231292	1	Cover	couvercie	Deckel	tampa	tapa
53	1C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
54	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
55	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador

1 Inc 44

2 Inc 15

3 Inc 68

4 Inc 1 → 68, Ref A6 24200

5 See 22

6 Voir 22

7 Siehe 22

8 Veja 22

9 Véase 22

- 10  S.N.94804T → Winch
- 11  S.N.94804T → treuil
- 12  S.N.94804T → Winde
- 13  S.N.94804T → Guincho
- 14  S.N.94804T → Guinche

15 7 May require extra discs for shimming

16 7 Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

17 7 Bei Instandhaltung oder Reparatur der Scheibe der freien Spule, benutze man eine Beilage um die Dimensionen von 6.669-6.768 zu gewähren.

18 7 Para o serviço e manutenção do disco com carretei livre usar caço para manterlo com 6.669-6.768 dim.

19 7 Para el servicio y mantenimiento del disco de carrete libre usar planchita para mantenerlo con 6.669-6.768 dim.

20 8 Before S/N 94804 - Qty. 11

21 8 Avant n/s 94804 - Qté 11

22 8 Vor S/Nr. 94804 - Menge 11

23 8 Antes n/s 94804 - Quant. 11

24 8 Antes de num. de serie 94804 - Cantidad: 11

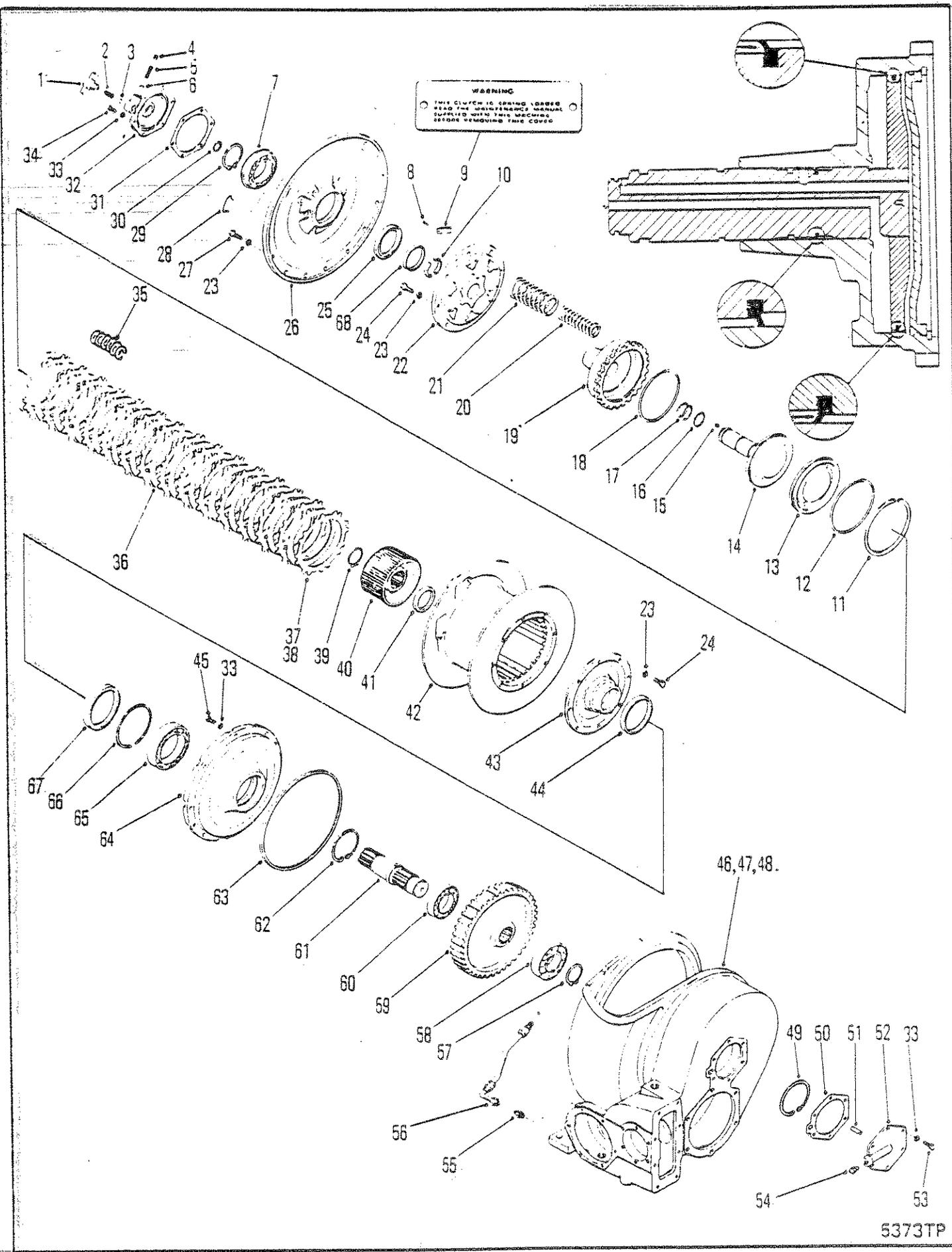
25 9 After S/N 94804 - Qty. 12

26 9 Après n/s 94804 - Qté 12

27 9 Nach S/Nr. 94804 - Menge 12

28 9 Depois n/s 94804 - Quant. 12

29 9 Después de num. de serie 94804 - Cantidad: 12



**WINCH, CABLE DRUM DRIVE SHAFT & CLUTCH WD-311-1**  
**TREUIL, ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE WD-311-1**  
**WINDE, ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-311-1**  
**GUINCHO, EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-311-1**  
**GUINCHE, ARBOL IMPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-311-1**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
56	231399	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
57	230067	1	Ring	anneau	Ring	anel	anillo
58	225793	1	Bearing	palier	Lager	mancal	cojinete
59	232368	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
60	774623	1	Bearing	palier	Lager	mancal	cojinete
61	231290	1	Shaft	arbre	Welle	ávore	árbol
62	952160	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
63	218777	1	O-ring	joint torique	O Ring	anel-O	anillo-O
64	231294	1	Support	support	Abstützung	suporte	soporte
65	225800	1	Bearing	palier	Lager	mancal	cojinete
66	217693	1	Ring	anneau	Ring	anel	anillo
67	231842	1	Seal	joint étanchéité	Dichtung	vedador	sello
68	58-----	1	Sleeve	manchon	Muffe	luva	manguito

1 Inc 44

2 Inc 15

3 Inc 68

4 Inc 1 → 68, Ref A6 24200

5 See 22

5 Voir 22

5 Siehe 22

5 Veja 22

5 Véase 22

6  S.N.94804T → Winch

6  S.N.94804T → treuil

6  S.N.94804T → Winde

6  S.N.94804T → Guincho

6  S.N.94804T → Guinche

7 May require extra discs for shimming

7 Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

7 Bei Instandhaltung oder Reparatur der Scheibe der freien Spule, benutze man eine Beläge um die Dimensionen von 6.669-6.768 zu gewähren.

7 Para o serviço e manutenção do disco com carretel livre usar calço para manterlo com 6.669-6.768 dim.

7 Para el servicio y mantenimiento del disco de carrete libre usar planchita para mantenerlo con 6.669-6.768 dim.

8 Before S/N 94804 - Qty. 11

8 Avant n/s 94804 - Qté 11

8 Vor S/Nr. 94804 - Menge 11

8 Antes n/s 94804 - Quant. 11

8 Antes de num. de serie 94804 - Cantidad: 11

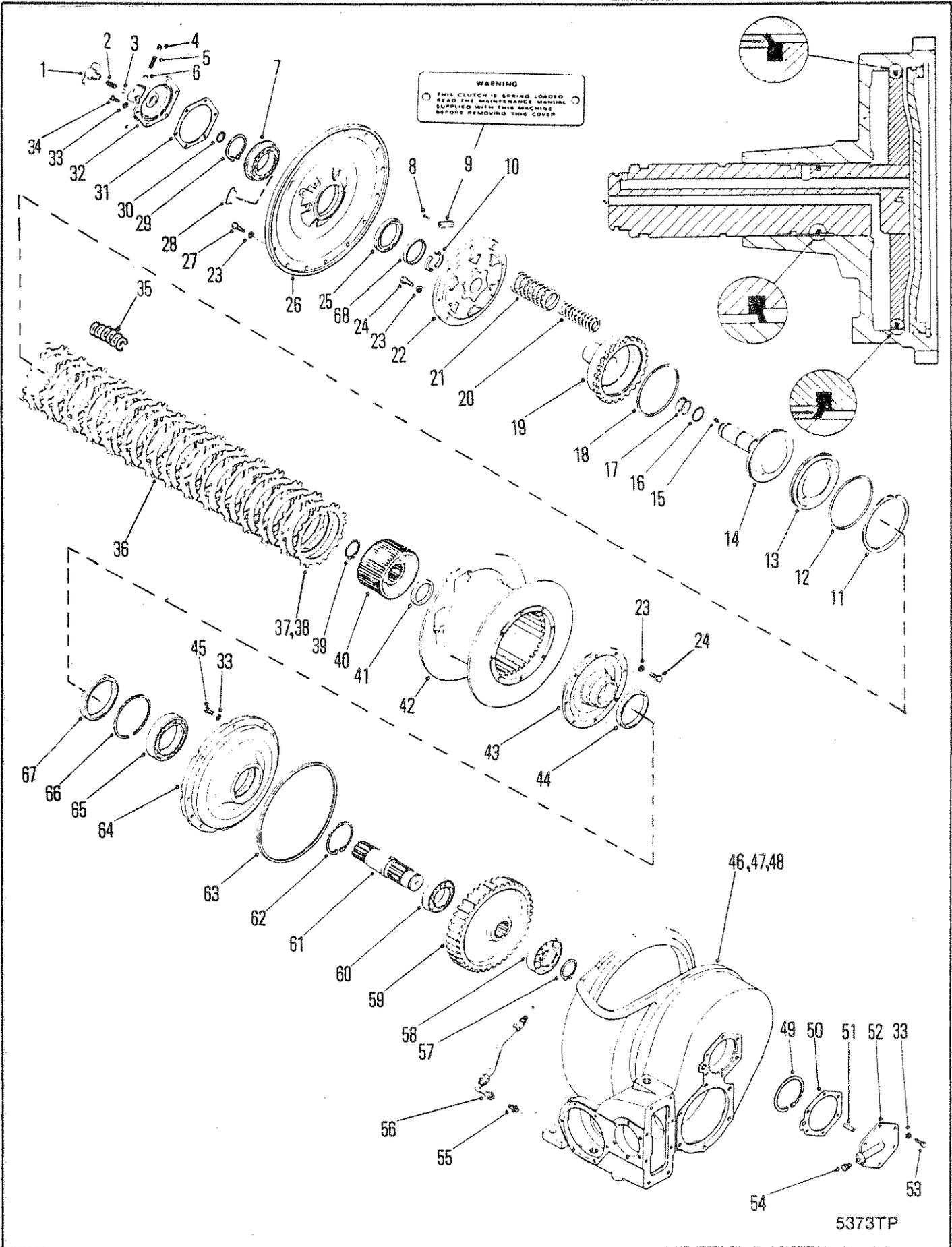
9 After S/N 94804 - Qty. 12

9 Après n/s 94804 - Qté 12

9 Nach S/Nr. 94804 - Menge 12

9 Depois n/s 94804 - Quant. 12

9 Después de num. de serie 94804 - Cantidad: 12



**WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-310-1**  
**TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE WD-310-1**  
**WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-310-1**  
**GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-310-1**  
**GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-310-1**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	288974	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	232944	1	Bolt	boulon	Bolzen	parafuso	bulón
2	232903	1	Spring	ressort	Feder	mola	resorte
3	232904	1	Button	bouton	Knopf	botão	botón
4	16F000006	1	Plug	bouchon	Stopfen	bujão	tapón
5	201413	1	Spring	ressort	Feder	mola	resorte
6	232947	1	Lock	serrure	Schloss	fechadura	cerradura
7	231338	1	Bearing	palier	Lager	mancal	cojinete
8	207873	1	Screw	vis	Schraube	parafuso	tornillo
9	232338	1	Tag	etiquette	Etikett	etiqueta	etiqueta
10	231811	2	Ring	anneau	Ring	anel	anillo
11	223989	1	Ring	anneau	Ring	anel	anillo
12	25K040716	1	O ring	joint torique	O ring	anel-O	anillo-O
13	232240	1	Plug	bouchon	Stopfen	bujão	tapón
14	239216	1	Shaft	arbre	Welle	ávore	árbol
15	231231	1	Plug	bouchon	Stopfen	bujão	tapón
16	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
17	25K040200	2	O ring	joint torique	O ring	anel-O	anillo-O
18	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
19	232239	1	Piston	joint étanchéité	Kolben	pistão	pistón
20	231333	6	Spring	ressort	Feder	mola	resorte
21	231332	6	Spring	ressort	Feder	mola	resorte
22	237329	1	Support	support	Abstützung	suporte	soporte
23	4E000008	25	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	17C000824	32	Bolt	boulon	Bolzen	parafuso	bulón
25	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
26	234001	1	Cover	couvercle	Deckel	tampa	tapa
27	1C000822	9	Bolt	boulon	Bolzen	parafuso	bulón
28	222418	1	Plug	bouchon	Stopfen	bujão	tapón
29	225313	1	Ring	anneau	Ring	anel	anillo
30	223084	-	Ring	anneau	Ring	anel	anillo
31	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	232943	1	Cap	chapeau	Kappe	tampa	tapa
33	4E000006	20	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	1C000618	6	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
35	236574	12	Thrust washer	rondelle pous	Ritzeldruck	arruela empuxo	arandela empuje

1 Inc 44

2 Inc 15

3 Inc 68

4 Inc 1 → 68, Ref A6 24210

5 See 22

6 Voir 22

7 Siehe 22

8 Veja 22

9 Véase 22

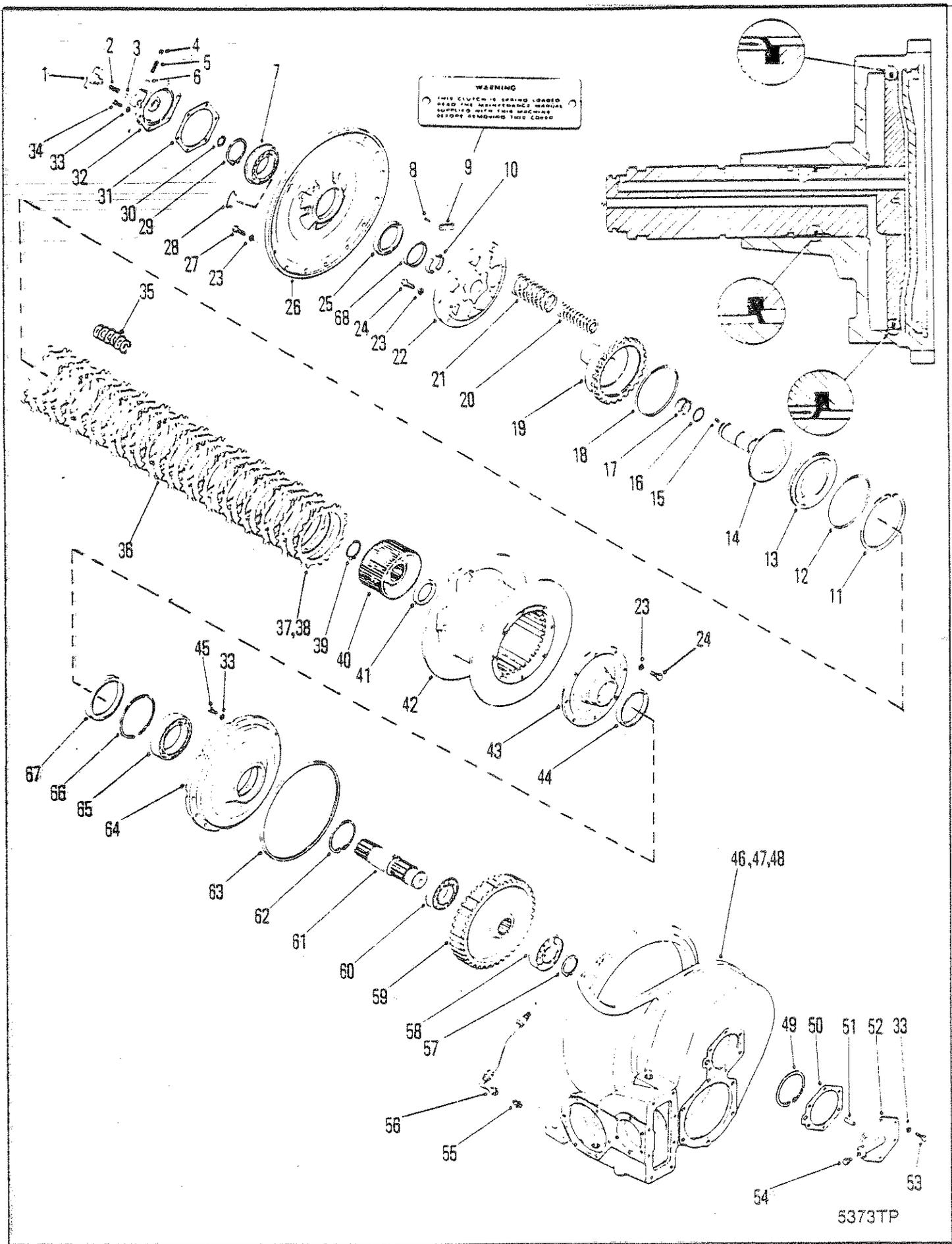
10 When servicing free spool discs, shim to maintain 6.669-6.768 dim.

11 Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

12 Bei Instandhaltung oder Reparatur der Scheibe der freien Spule, benutze man eine Beilage um die Dimensionen von 6.669-6.768 zu gewähren.

13 Para o serviço e manutenção do disco com carretel livre usar calço para manterlo com 6.669-6.768 dim.

14 Para el servicio y mantenimiento del disco de carrete libre usar planchita para mantenerlo con 6.669-6.768 dim.



**WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH WD-310-1**  
**TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE WD-310-1**  
**WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG WD-310-1**  
**GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM WD-310-1**  
**GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE WD-310-1**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	232628	-	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
37	232635	12	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
38	5S-----	1	Sleeve	manchon	Muffe	luva	manguito
39	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
40	231831	1	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
41	234761	1	Seal	joint étanchéité	Dichtung	vedador	sello
42	231300	1	Drum	tambour	Trommel	tambor	tambor
43	231495	1	Support	support	Abstützung	suporte	soporte
44	231843	1	Sleeve	manchon	Muffe	luva	manguito
45	1C000616	8	Bolt	boufon	Bolzen	parafuso	bulón
46	233859	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche
47	220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
48	207878	2	Screw	vis	Schraube	parafuso	tornillo
49	711178	1	Ring	anneau	Ring	anel	anillo
50	231293	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
51	222031	1	Tube	tube	Rohr	tubo	tubo
52	231292	1	Cover	couvercle	Deckel	tampa	tapa
53	5C000620	6	Screw Assy.	vis ens	Schraube vollst	parafuso conj	tornillo conj
54	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
55	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
56	231399	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
57	230067	1	Ring	anneau	Ring	anel	anillo
58	225793	1	Bearing	palier	Lager	mancal	cojinete
59	232368	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
60	774623	1	Bearing	palier	Lager	mancal	cojinete
61	231290	1	Shaft	arbre	Welle	ávore	árbol
62	952160	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
63	218777	1	O-ring	joint torique	O Ring	anel-O	anillo-O
64	231294	1	Support	support	Abstützung	suporte	soporte
65	225800	1	Bearing	palier	Lager	mancal	cojinete
66	217693	1	Ring	anneau	Ring	anel	anillo
67	231842	1	Seal	joint étanchéité	Dichtung	vedador	sello

<sup>1</sup> Inc 44

<sup>2</sup> Inc 15

<sup>3</sup> Inc 68

<sup>4</sup> Inc 1 → 68, Ref A6 24210

<sup>5</sup> See 22

<sup>5</sup> Voir 22

<sup>5</sup> Siehe 22

<sup>5</sup> Veja 22

<sup>5</sup> Véase 22

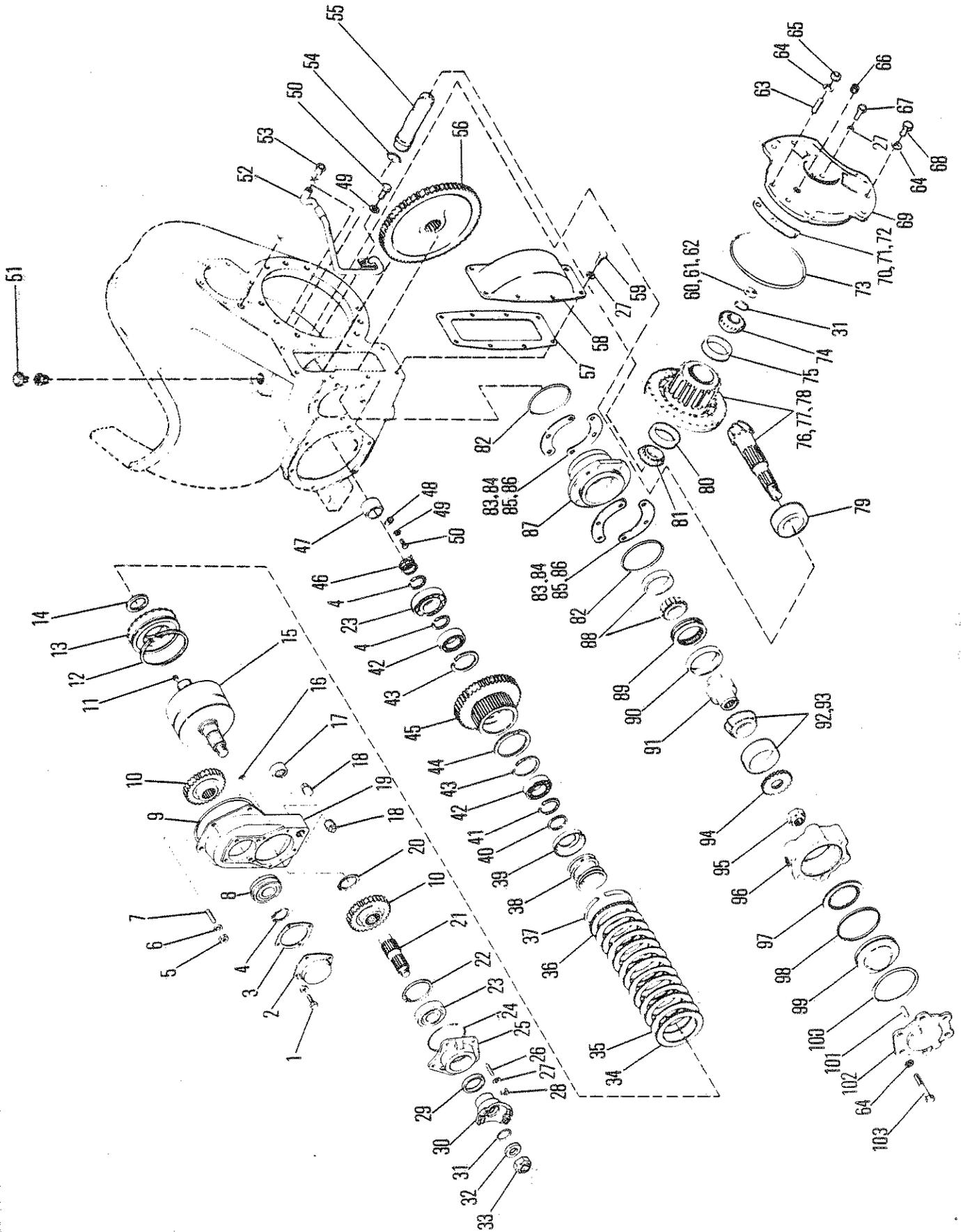
<sup>6</sup> When servicing free spool discs, shim to maintain 6.669-6.768 dim.

<sup>6</sup> Lors de l'entretien ou du service du disque de la bobine libre, utilisez une cale pour assurer les dimensions de 6.669-6.768.

<sup>6</sup> Bei Instandhaltung oder Reparatur der Scheibe der freien Spule, benutze man eine Beilage um die Dimensionen von 6.669-6.768 zu gewähren.

<sup>6</sup> Para o serviço e manutenção do disco com carretei livre usar calço para manterlo com 6.669-6.768 dim.

<sup>6</sup> Para el servicio y mantenimiento del disco de carrete libre usar planchita para mantenerlo con 6.669-6.768 dim.



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-311-1

TREUIL-GROUPE D'EMBRAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-311-1

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTÉ ZAHNKRANZWELLE WD-311-1

GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

DE CORÇA COM QUEDA DE ENGRENAGEM WD-311-1

GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON EMGRANAJE

DE CAIDA WD-311-1

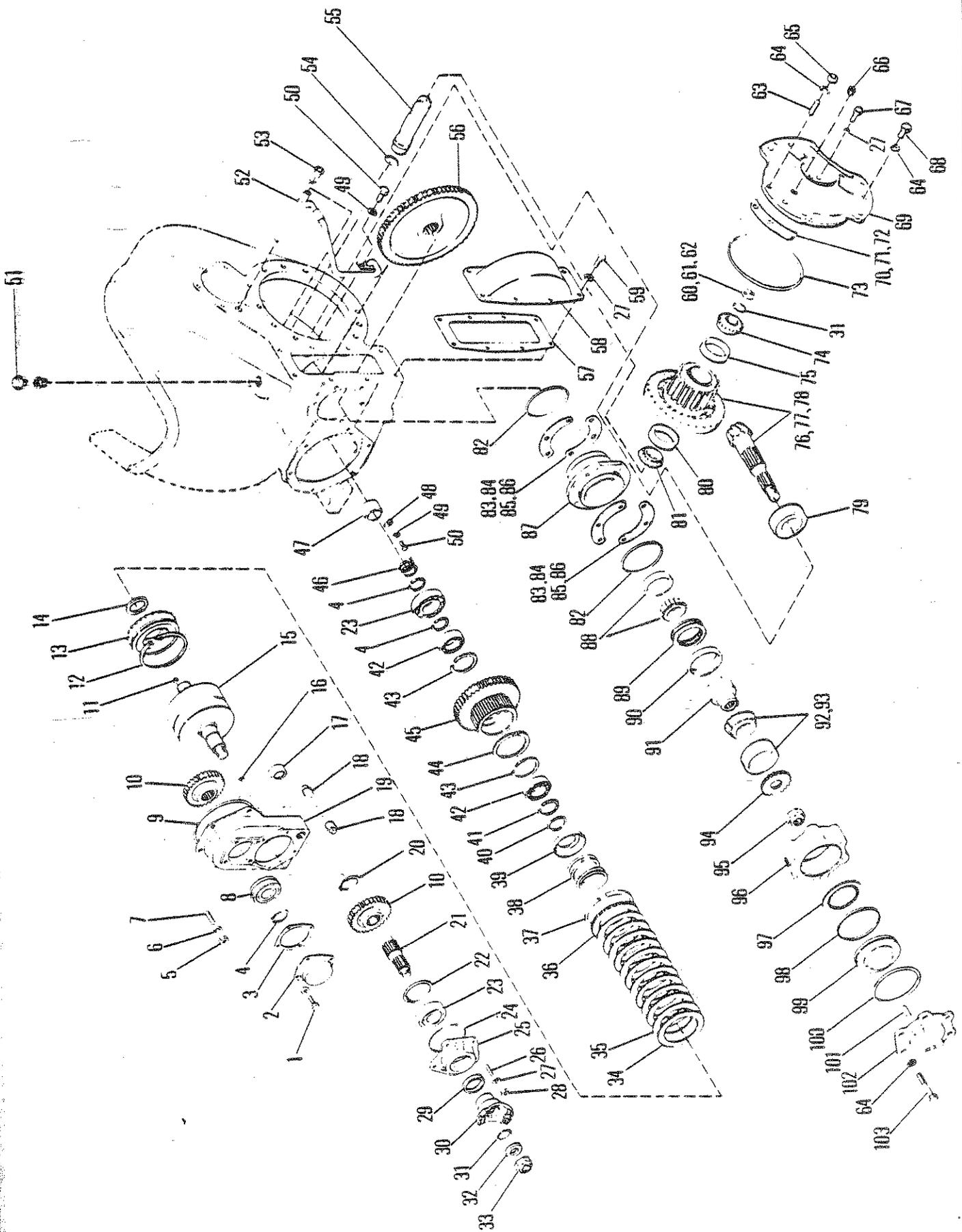
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2-----	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	233128	4	Screw	vis	Schraube	parafuso	tornillo
2	221408	1	Cap	chapeau	Kappe	tampa	tapa
3	202076	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
4	224083	3	Ring retaining	bage darrêt	Haltering	anel retentor	anillo de retención
5	2D000006	6	Nut	écrou	Mutter	porca	tuerca
6	4E000006	22	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	203253	12	Stud	goujon	Stift	prisioneiro	espárrago
8	225956	2	Bearing	palier	Lager	mancal	cojinete
9	25K040724	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	216268	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
11	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
12	224771	1	Ring	anneau	Ring	anel	anillo
12A	242873	1	Seal	joint étanchéité	Dichtung	vedador	sello
13	802164	1	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
14	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
15	235563	1	Drum&Shaft assy	tambour&arbre ens	Trommel&Welle voll	tambour&eixo conj	tambour&eje conj
16	25K020014	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	232282	1	Bearing	palier	Lager	mancal	cojinete
18	13F000016	2	Plug	bouchon	Stopfen	bujão	tapón
19	232281	1	Housing	botier	Gehuse	carcaça	carcasa
20	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
21	232283	1	Shaft	arbre	Welle	ávore	árbol
22	223901	1	Ring	anneau	Ring	anel	anillo
23	743439	2	Bearing	palier	Lager	mancal	cojinete
24	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
25	235091	1	Bearing cap	couvercle de roul	Lagerkappe	capa do rolamento	tapa del cojinete
26	226862	5	Stud	goujon	Stift	prisioneiro	espárrago
27	4E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	2D000007	5	Nut	écrou	Mutter	porca	tuerca
29	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
30	231059	1	Flange	bride	Flansch	flange	brida

1 Inc 75, 65 & 89

2 Ref A6 23050

3 Teflon

4 Inc 12A



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-311-1

## TREUIL-GROUPE D'EMBRAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-311-1

## WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-311-1

## GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

DE CORÕA COM QUEDA DE ENGRENAGEM WD-311-1

## GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON EMGRANAJE

DE CAIDA WD-311-1

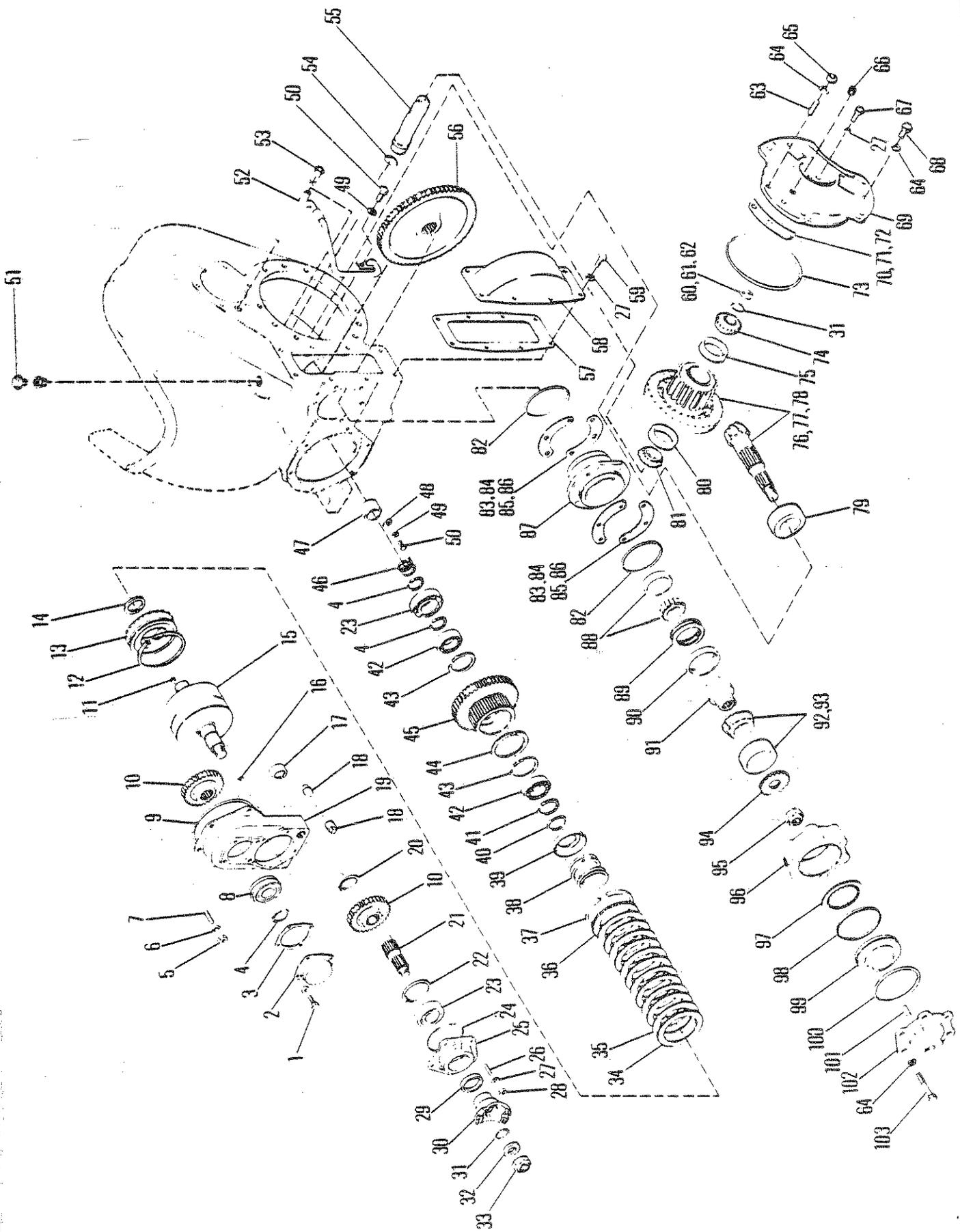
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
31	25K040112	2	O-ring	joint torique	O Ring	anel-O	anillo-O
32	102745	1	Washer	rondelle	Scheibe	arruela	arandela
33	216058	1	Nut	écrou	Mutter	porca	tuerca
34	224772	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
35	230911	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
36	224774	1	End plate	plaque dextrémité	Endplatte	placa terminal	placa extrema
37	215190	1	Ring	anneau	Ring	anel	anillo
38	230822	1	Spring	ressort	Feder	mola	resorte
39	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
40	232141	1	Spacer	entretoise	Distanzteil	espaciador	espaciador
41	654613	1	Ring	anneau	Ring	anel	anillo
42	230829	2	Bearing	palier	Lager	mancal	cojinete
43	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
44	731160	1	Ring	anneau	Ring	anel	anillo
45	231743	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
46	215183	2	Ring	anneau	Ring	anel	anillo
47	232346	1	Race	course	Lauftring	canaleta	vía
48	230851	1	Lock	serrure	Schloss	fechadura	cerradura
49	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
50	1C000510	2	Screw	vis	Schraube	parafuso	tornillo
51	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
52	232348	1	Tube	tube	Rohr	tubo	tubo
53	222067	1	Sleeve	manchon	Muffe	luva	manguito
54	25K040200	1	O ring	joint torique	O ring	anel-O	anillo-O
55	232363	1	Shaft	arbre	Welle	ávore	árboi
56	231744	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
57	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
58	231278	1	Cover	couvercle	Deckel	tampa	tapa
59	1C000722	8	Screw	vis	Schraube	parafuso	tornillo
60	231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
61	231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
62	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
63	206770	1	Stud	goujon	Stift	prisioneiro	espárrago
64	4E000008	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
65	2D000008	5	Nut	écrou	Mutter	porca	tuerca
66	13F000024	1	Plug	bouchon	Stopfen	bujão	tapón
67	17C000724	2	Bolt	boulon	Boizen	parafuso	bulón
68	1C000820	4	Screw	vis	Schraube	parafuso	tornillo
69	233194	1	Cover	couvercle	Deckel	tampa	tapa
70	232365	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM

<sup>1</sup> Inc 75, 65 & 89

<sup>2</sup> Ref A6 23050

<sup>3</sup> Teflon

<sup>4</sup> Inc 12A



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-311-1

TREUIL-GROUPE D'EMBAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-311-1

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-311-1

GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

DE COROÁ COM QUEDA DE ENGRENAGEM WD-311-1

GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON EMGRANAJE

DE CAIDA WD-311-1

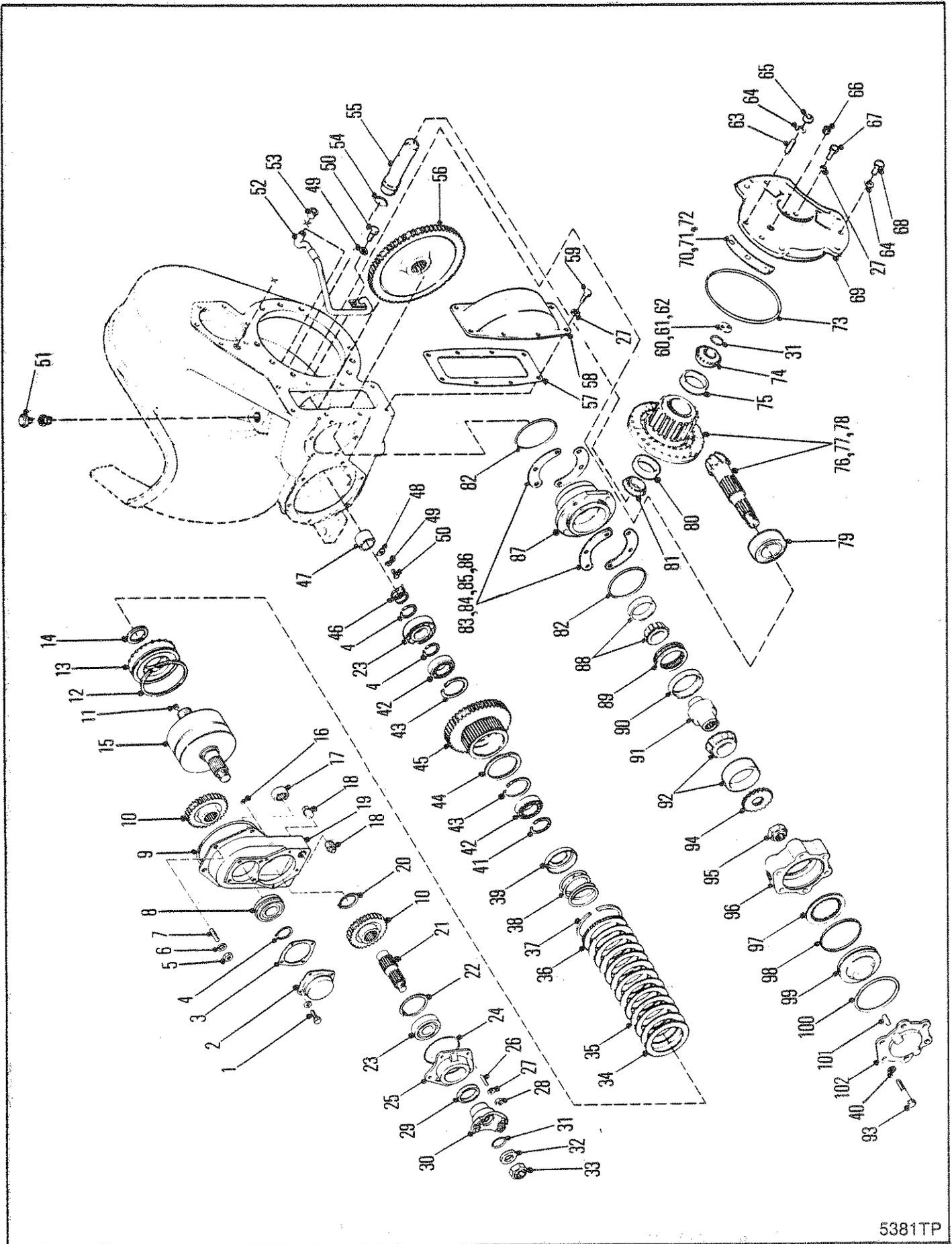
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
71	232366	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
72	232367	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
73	25K041000	1	O-ring	joint torique	O Ring	anel-O	anillo-O
74	1314774	1	Cone	cône	Kegel	cone	cono
75	1314773	1	Cup	cuvette	Schale	capa	cubeta
76	233302	1	Hub	moyeu	Nabe	cubo	cubo
77	1233361	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	ig corona&pasador
78	9C000814	12	Bolt	boulon	Bolzen	parafuso	bulón
79	225844	1	Roller	galet	Rolle	rolete	rodillo
80	1304638	1	Cup	cuvette	Schale	capa	cubeta
81	232362	1	Cone	cône	Kegel	cone	cono
82	25K040428	2	O-ring	joint torique	O Ring	anel-O	anillo-O
83	231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
84	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
85	231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
86	232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
87	232349	1	Sprag	bras dancrage	Bremsklotz	colço	calzo
88	223222	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
89	232351	1	Sprag assy	ass de bras danc	Bremsklotzeinheit	conj de calços	conjunto del calzo
90	233850	1	Retainer	arrêtoir	Halterung	retentor	retén
91	232350	1	Race	course	Laufring	canaleta	vía
92	232355	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
93	232356	1	Bearing race	gorge roulement	Kugellagerlaufring	pista rolamento	pista radmiento
94	232160	1	Hub	moyeu	Nabe	cubo	cubo
95	66D000020	1	Nut	écrou	Mutter	porca	tuerca
96	232357	1	Housing	botier	Gehuse	carcaça	carcasa
97	232159	1	Disc	disque	Scheibe	disco	disco
98	217420	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
99	232157	1	Piston	piston	Kolben	pistão	pistón
100	25K040500	2	O-ring	joint torique	O Ring	anel-O	anillo-O
101	211853	1	Pin	goupille	Stift	pino	pasador
102	232158	1	Cover	couvercle	Deckel	tampa	tapa
103	1C000864	6	Bolt	boulon	Bolzen	parafuso	bulón

<sup>1</sup> Inc 75, 65 & 89

<sup>2</sup> Ref A6 23050

<sup>3</sup> Teflon

<sup>4</sup> Inc 12A



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT WITH DROP GEAR

### GROUP WD-310-1

## TREUIL-GROUPE D'EMBRAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

### D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-310-1

## WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-310-1

## GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

### DE CORÓA COM QUEDA DE ENGRENAGEM WD-310-1

## GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON

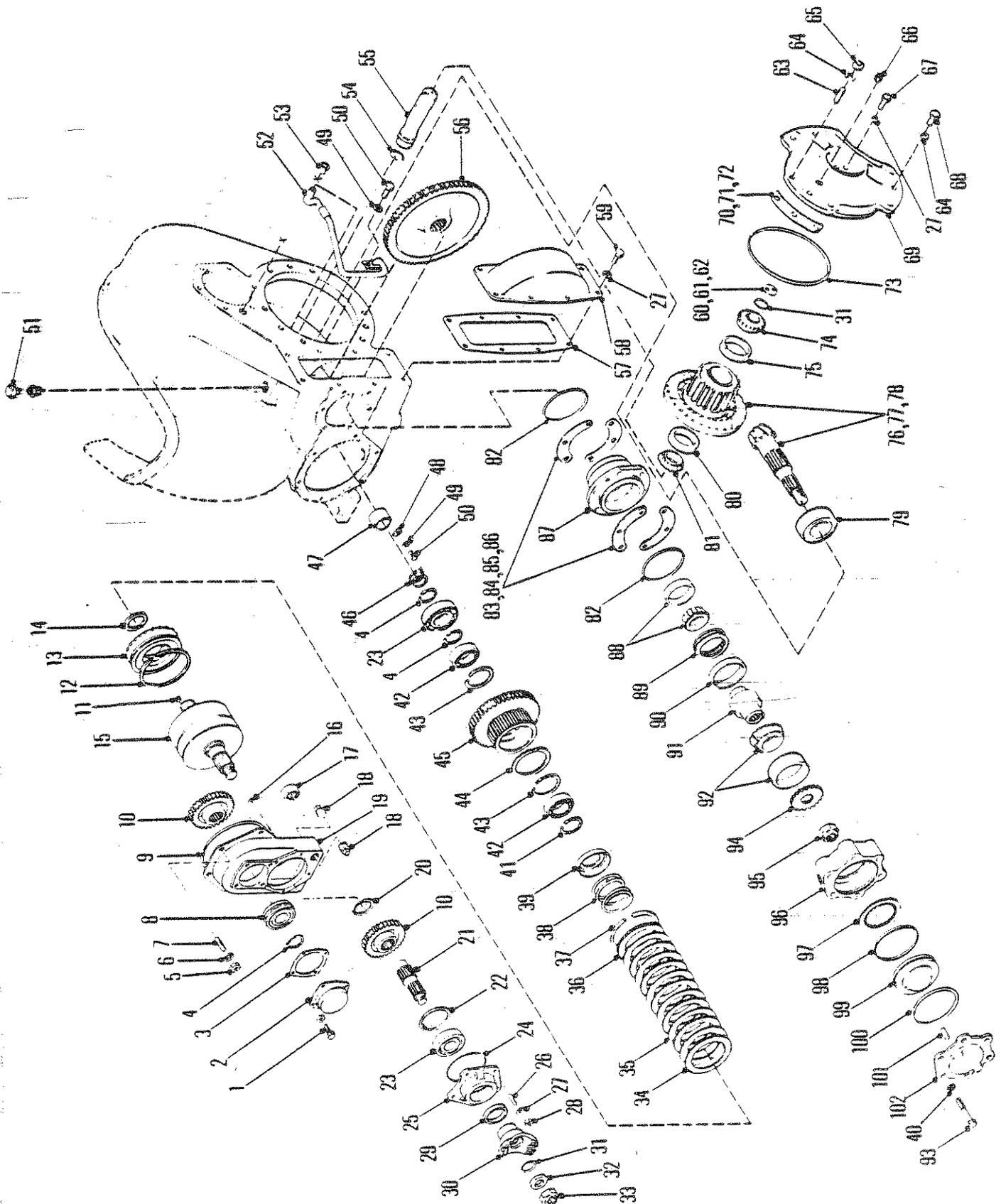
### EMGRANAJE DE CAIDA WD-310-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	233128	4	Screw	vis	Schraube	parafuso	tornillo
2	221408	1	Cap	chapeau	Kappe	tampa	tapa
3	202076	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
4	224083	3	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
5	62D000006	6	Nut	écrou	Mutter	porca	tuerca
6	4E000006	5	Nut	écrou	Mutter	porca	tuerca
7	203253	12	Stud	goujon	Stift	prisioneiro	espárrago
8	225956	2	Bearing	palier	Lager	mancal	cojinete
9	25K040724	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	216268	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
11	239243	1	Plug	bouchon	Stopfen	bujão	tapón
12	224771	1	Ring	anneau	Ring	anel	anillo
12A	2242873	1	Seal	joint étanchéité	Dichtung	vedador	sello
13	3802164	1	Piston Kit	jeu de pistons	Kolbensatz	jogo de pistão	juego de pistón
14	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
15	235563	1	Drum&Shaft assy	tambour&arbre ens	Trommel&Welle voll	tambour&eixo conj	tambour&eje conj
16	25K020014	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	232282	1	Bearing	palier	Lager	mancal	cojinete
18	10F000016	2	Plug	bouchon	Stopfen	bujão	tapón
19	232281	1	Housing	botier	Gehuse	carcaça	carcasa
20	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
21	232283	1	Shaft	arbre	Welle	ávore	árbol
22	223901	1	Ring	anneau	Ring	anel	anillo
23	743439	2	Bearing	palier	Lager	mancal	cojinete
24	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
25	235091	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
26	226862	5	Stud	goujon	Stift	prisioneiro	espárrago
27	4E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	62D000007	5	Nut	écrou	Mutter	porca	tuerca
29	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
30	231553	1	Flange	bride	Flansch	flange	brida
31	25K040112	2	O-ring	joint torique	O Ring	anel-O	anillo-O
32	102745	1	Washer	rondelle	Scheibe	arruela	arandela
33	216058	1	Nut	écrou	Mutter	porca	tuerca
34	224772	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
35	230911	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
36	224774	1	End plate	plaque dextrémité	Endplatte	placa terminal	placa extrema
37	215190	1	Ring	anneau	Ring	anel	anillo
38	230822	1	Spring	ressort	Feder	moia	resorte
39	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
40	4E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
41	654613	1	Ring	anneau	Ring	anel	anillo
42	230829	2	Bearing	palier	Lager	mancal	cojinete
43	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
44	731160	1	Ring	anneau	Ring	anel	anillo
45	231261	1	Gear	engrenage	Zahnrad	engrenagem	engranaje

<sup>1</sup> Ref A6 23050

<sup>2</sup> Teflon

<sup>3</sup> Inc 12A



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT WITH DROP GEAR

GROUP WD-310-1

## TREUIL-GROUPE D'EMBAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-310-1

## WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-310-1

## GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

DE COROÁ COM QUEDA DE ENGRENAGEM WD-310-1

## GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓN GRUPO EJE CORONA CON

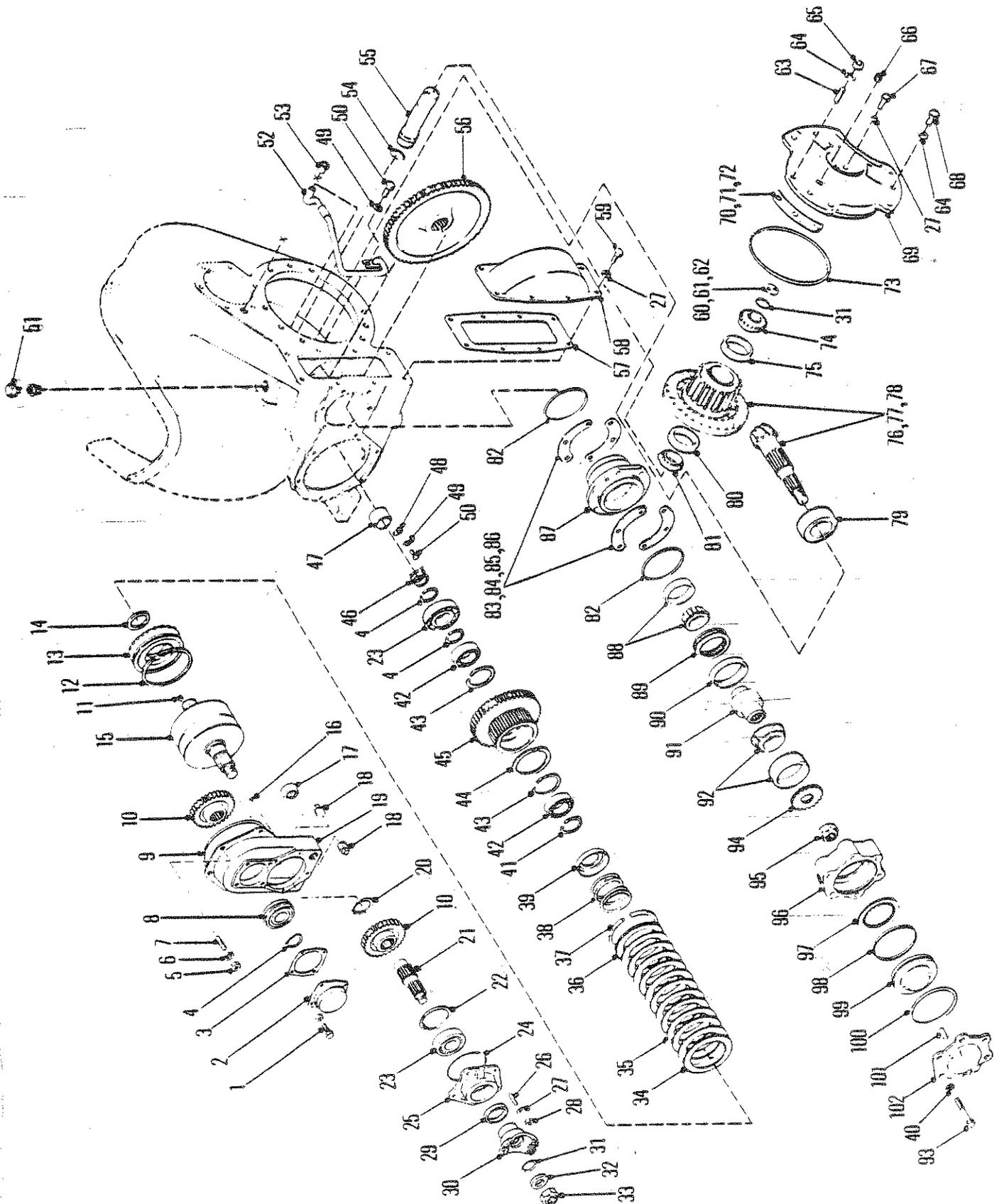
EMGRANAJE DE CAIDA WD-310-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	215183	2	Ring	anneau	Ring	anel	anillo
47	232346	1	Race	course	Laufring	canaleta	via
48	230851	1	Lock	serrure	Schloss	fechadura	cerradura
49	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
50	5C000510	2	Screw	vis	Schraube	parafuso	tornillo
51	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
52	232348	1	Tube	tube	Rohr	tubo	tubo
53	222067	1	Sleeve	manchon	Muffe	luva	manguito
54	25K040200	1	O ring	joint torique	O ring	anel-O	anillo-O
55	232363	1	Shaft	arbre	Welle	ávore	árboi
56	231267	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
57	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
58	231278	1	Cover	couvercle	Deckel	tampa	tapa
59	1C000722	8	Screw	vis	Schraube	parafuso	tornillo
60	231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
61	231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
62	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
63	206770	1	Stud	goujon	Stift	prisioneiro	espárrago
64	4E000008	9	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
65	62D000008	5	Nut	écrou	Mutter	porca	tuerca
66	16F000024	1	Plug	bouchon	Stopfen	bujão	tapón
67	17C000724	2	Bolt	boulon	Bolzen	parafuso	bulón
68	1C000820	4	Screw	vis	Schraube	parafuso	tornillo
69	233194	1	Cover	couvercle	Deckel	tampa	tapa
70	232365	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
71	232366	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
72	232367	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
73	25K041000	1	O-ring	joint torique	O Ring	anel-O	anillo-O
74	1314774	1	Cone	cône	Kegel	cone	cono
75	1314773	1	Cup	cuvette	Schale	capa	cubeta
76	233302	1	Hub	moyeu	Nabe	cubo	cubo
77	233361	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	kg corona&pasador
78	9C000814	12	Bolt	boulon	Bolzen	parafuso	bulón
79	225844	1	Roller	galet	Rolle	rolete	rodillo
80	1304638	1	Cup	cuvette	Schale	capa	cubeta
81	232362	1	Cone	cône	Kegel	cone	cono
82	25K040428	2	O-ring	joint torique	O Ring	anel-O	anillo-O
83	231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
84	231275	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
85	231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
86	232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
87	232349	1	Sprag	bras dancrage	Bremsklotz	colço	calzo
88	223222	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
89	232351	1	Sprag assy	ass de bras danc	Bremsklotzeinheit	conj de calços	conjunto del calzo
90	233850	1	Retainer	arrêtoir	Halterung	retentor	retén

1 Ref A6 23050

2 Teflon

3 Inc 12A



5381TP

## WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT WITH DROP GEAR

GROUP WD-310-1

## TREUIL-GROUPE D'EMBRAYAGE D'ENTRÉE, D'AXE DU PIGNON ET GROUPE

D'ARBRE D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-310-1

## WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-310-1

GUINCHO-GRUPO DE EMBREAGEM DE ENTRADA EIXO DE PINHÃO EIXO

DE CORÇA COM QUEDA DE ENGRENAGEM WD-310-1

## GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON

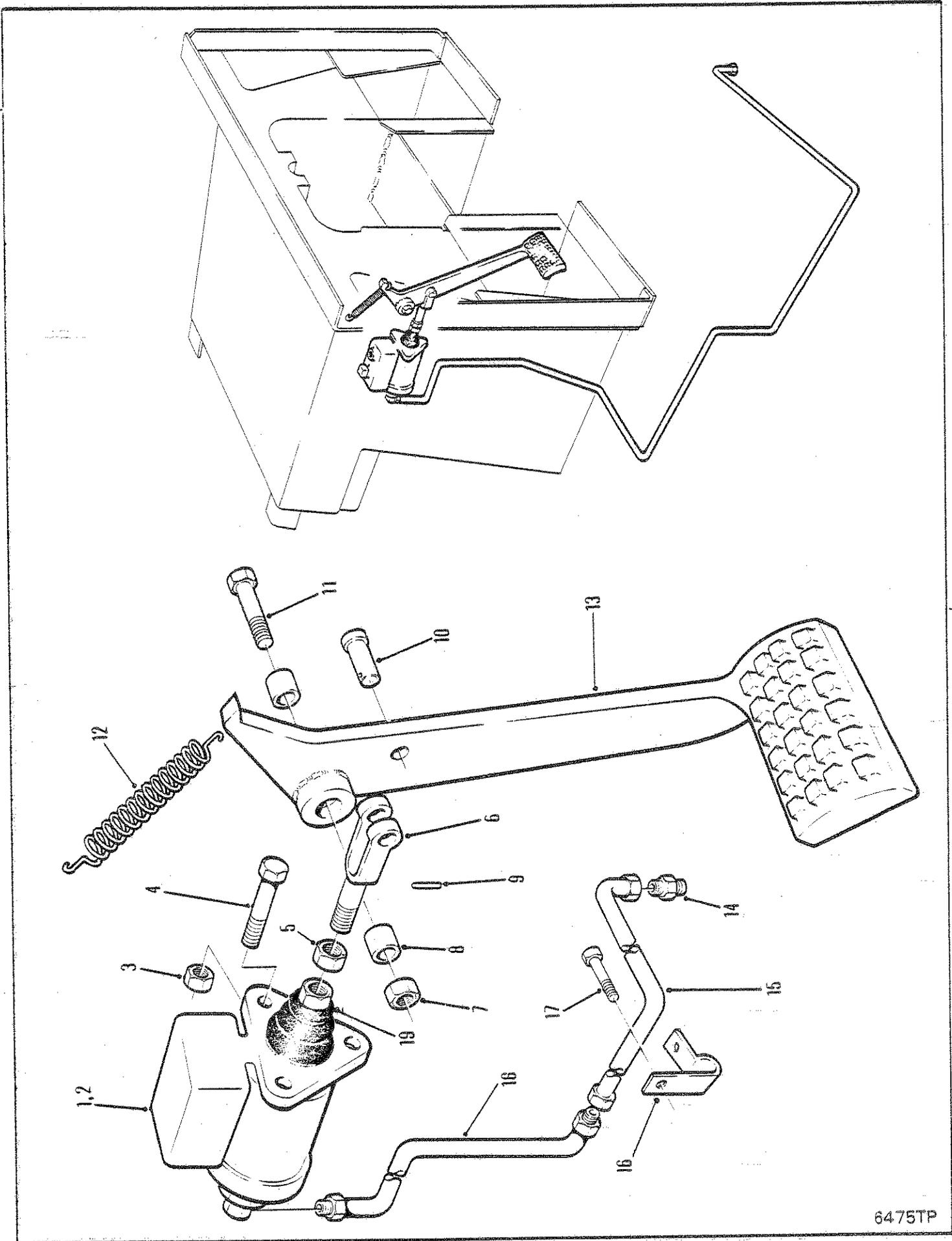
EMGRANAJE DE CAIDA WD-310-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
91	232350	1	Race	course	Laufring	canaleta	vía
92	801790	1	Bearing Kit	ens de roulement	Lagersatz	conj do rolamento	conj cojinete
93	1C000864	6	Screw	vis	Schraube	parafuso	tornillo
94	232160	1	Hub	moyeu	Nabe	cubo	cubo
95	66D000020	1	Nut	écrou	Mutter	porca	tuerca
96	232357	1	Housing	botier	Gehuse	carcaça	carcasa
97	232159	1	Disc	disque	Scheibe	disco	disco
98	217420	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
99	232157	1	Piston	piston	Kolben	pistão	pistón
100	25K040500	2	O-ring	joint torique	O Ring	anel-O	anillo-O
101	211853	1	Pin	goupille	Stift	pino	pasador
102	232162	1	Cover	couvercle	Deckel	tampa	tapa

<sup>1</sup> Ref A6 23050

<sup>2</sup> Teflon

<sup>3</sup> Inc 12A



6475TP

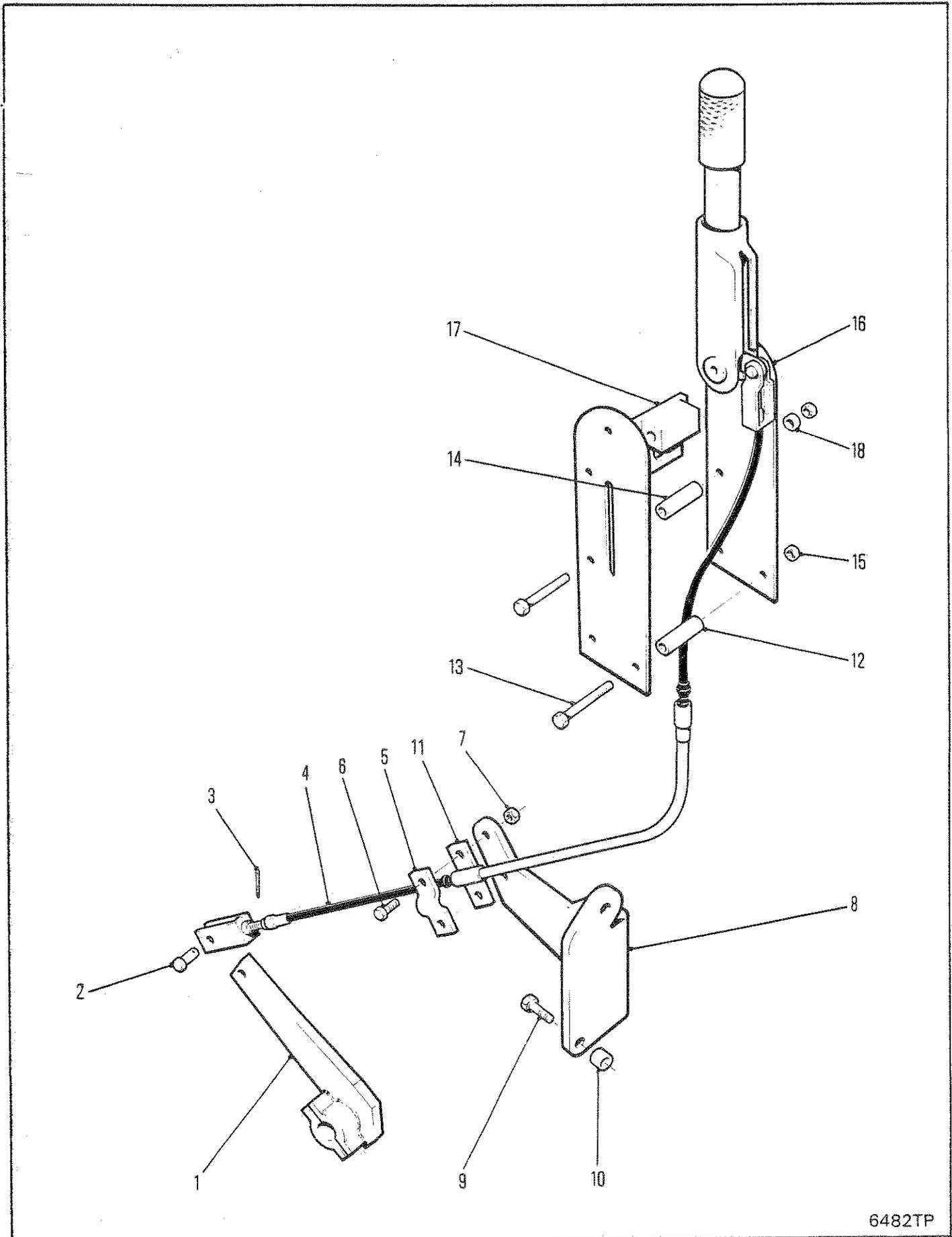
**SERVICE BRAKE CONTROLS  
 COMMANDES, FREIN À SERVICE  
 BETÄTIGUNG, SERVICE BREMSE  
 CONTRÔLES FREIO DE SERVIÇO  
 CONTROLES FRENO DE SERVIÇO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1931882	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
2	†1992208	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
3	59D000006	3	Nut	écrou	Mutter	porca	tuerca
4	17C000624	3	Bolt	boulon	Bolzen	parafuso	buíón
5	8D000007	1	Nut	écrou	Mutter	porca	tuerca
6	640202	1	Clevis	étrier	Schkel	garfo	horquilla
7	59D000008	1	Nut	écrou	Mutter	porca	tuerca
8	1610636	2	Bearing	palier	Lager	mancal	cojinete
9	1F000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
10	4F008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
11	17C000848	1	Bolt	boulon	Bolzen	parafuso	bulón
12	316480	1	Spring	ressort	Feder	mola	resorte
13	1934067	1	Pedal	pédale	Pedal	pedal	pedal
14	1308081	1	Fitting	ajustage	Verbindung	ajuste	accesorio
15	1935252	1	Tube	tube	Rohr	tubo	tubo
16	30H000016	2	Clip	attache	Schelle	braçadeira	abrazadera
17	18C000614	2	Bolt	boulon	Boizen	parafuso	bulón
18	1934320	1	Tube	tube	Rohr	tubo	tubo
19	†1923978	1	Pushrod	tige de pousee	Stosser	tirante de empuxe	barra de empuje

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6482TP

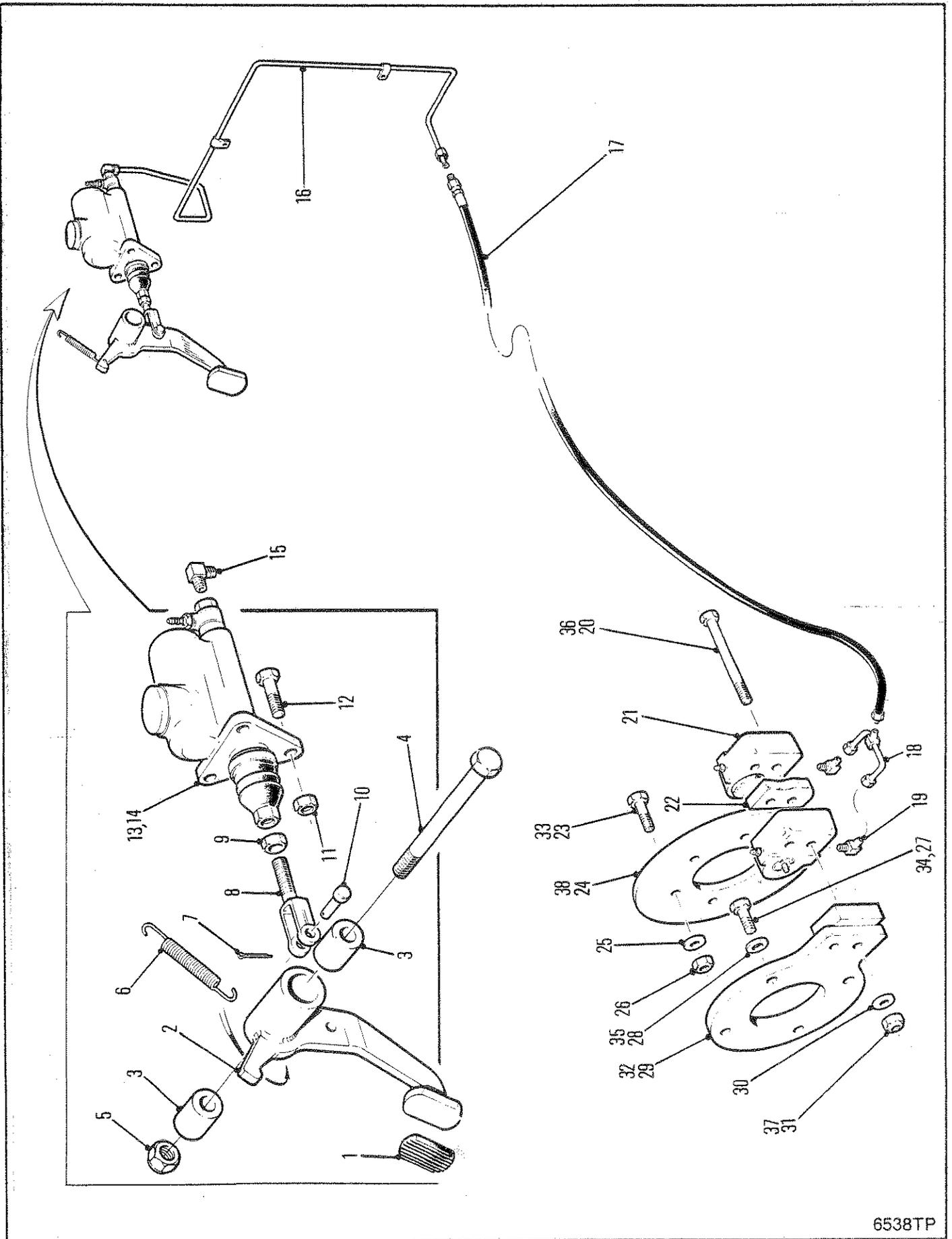
**PARKING BRAKE CONTROLS**  
**COMMANDES DE FREIN DE STATIONNEMENT**  
**STANDBREMSENBEDIENUNGEN**  
**CONTROLE DO FREIO DE ESTACIONAR**  
**CONTROLES FRENO SERVICIO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1930168	1	Lever	levier	Hebel	alavanca	palanca
2	4F006106	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
3	1F000316	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
4	1937458	1	Cable	câble	Kabel	cabo	cable
5	544512	2	Clamp	pince	Schelle	braçadeira	abrazadera
6	17C000528	2	Bolt	boulon	Bolzen	parafuso	bulón
7	85D000005	2	Nut	écrou	Mutter	porca	tuerca
8	1935133	1	Bracket	support	Winkel	grampo	grampa
9	17C000740	2	Bolt	boulon	Bolzen	parafuso	bulón
10	1301610	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
11	635373	2	Washer	rondelle	Scheibe	arruela	arandela
12	645092	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
13	17C000636	2	Bolt	boulon	Boizen	parafuso	bulón
14	545005	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
15	85D000006	2	Nut	écrou	Mutter	porca	tuerca
16	3951954	1	Hand brake	frein à main	Handbremse	freio manual	freno manual
17	1933713	1	Block	bloc	Block	bloco	bloque
18	552914	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	†2512840	1	Switch	interrupteur	Schalter	interruptor	interruptor

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

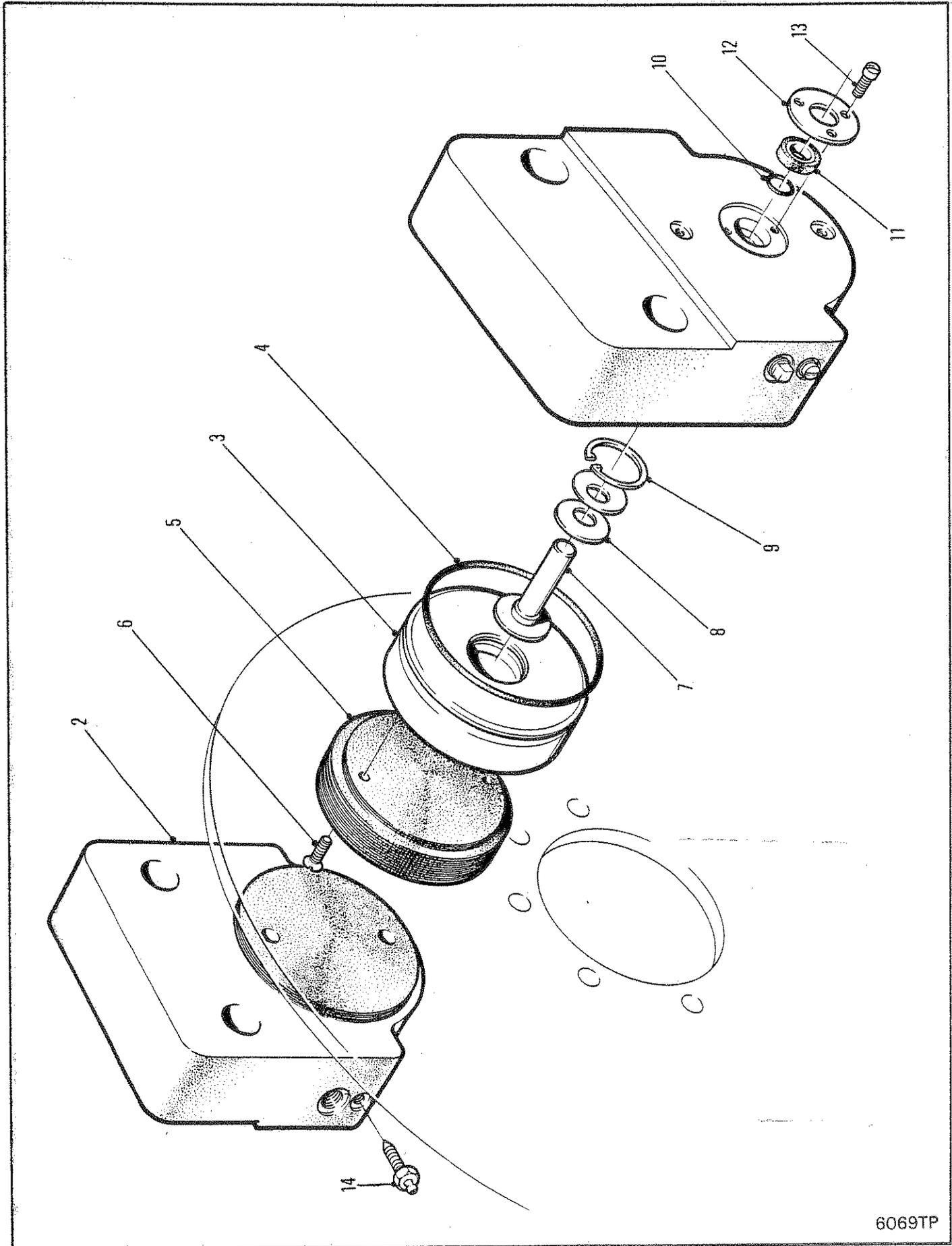
564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6538TP

**SECONDARY BRAKE CONTROLS** ☒  
**COMMANDE DE FREIN SECONDAIRE** ☒  
**SEKUNDÄRBREMSBEDIENUNG** ☒  
**CONTROLES DO FREIO SECUNDÁRIO** ☒  
**CONTROLES DEL FRENO SECUNDARIO** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935270	1	Cover	couvercle	Deckel	tampa	tapa
2	1935268	1	Pedal assy	ass de la pedale	Pedaleinheit	conj do pedal	disp do pedal
3	1610636	2	Bearing	pailier	Lager	mancal	cojinete
4	17C008104	1	Bolt	boulon	Bolzen	parafuso	bulón
5	85D000008	1	Nut	écrou	Mutter	porca	tuerca
6	316480	1	Spring	ressort	Feder	mola	resorte
7	1F000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
8	640202	1	Clevis	étrier	Schkel	garfo	horquilla
9	8D000007	1	Nut	écrou	Mutter	porca	tuerca
10	4F008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
11	59D000006	3	Nut	écrou	Mutter	porca	tuerca
12	17C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
13	1931378	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
14	1992147	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
15	83F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
16	1935254	1	Tube	tube	Rohr	tubo	tubo
17	1923908	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1924619	1	Tube	tube	Rohr	tubo	tubo
19	17K000003	2	Fitting	ajustage	Verbindung	ajuste	accesorio
20	17C010128	2	Bolt	boulon	Bolzen	parafuso	bulón
21	○-----	1	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
22	1920497	1	Plate	plaque	Platte	placa	placa
23	18C000728	6	Bolt	boulon	Bolzen	parafuso	bulón
24	1921914	1	Disc	disque	Scheibe	disco	disco
25	112278	6	Washer	rondelle	Scheibe	arruela	arandela
26	59D000007	6	Nut	écrou	Mutter	porca	tuerca
27	17C001236	4	Bolt	boulon	Bolzen	parafuso	bulón
28	27E000012	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
29	1921912	1	Plate assy	ens plaques	Platte vollst	conj placa	conj placa
30	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
31	86D000010	2	Nut	écrou	Mutter	porca	tuerca
32	☒1937812	1	Plate	plaque	Platte	placa	placa
33	☒18C000624	6	Bolt	boulon	Bolzen	parafuso	bulón
34	☒17C000932	4	Bolt	boulon	Bolzen	parafuso	bulón
35	☒27E000009	4	Washer	rondelle	Scheibe	arruela	arandela
36	☒18C010104	2	Bolt	boulon	Bolzen	parafuso	bulón
37	☒60D000010	2	Nut	écrou	Mutter	porca	tuerca
38	☒1937946	1	Disc	disque	Scheibe	disco	disco



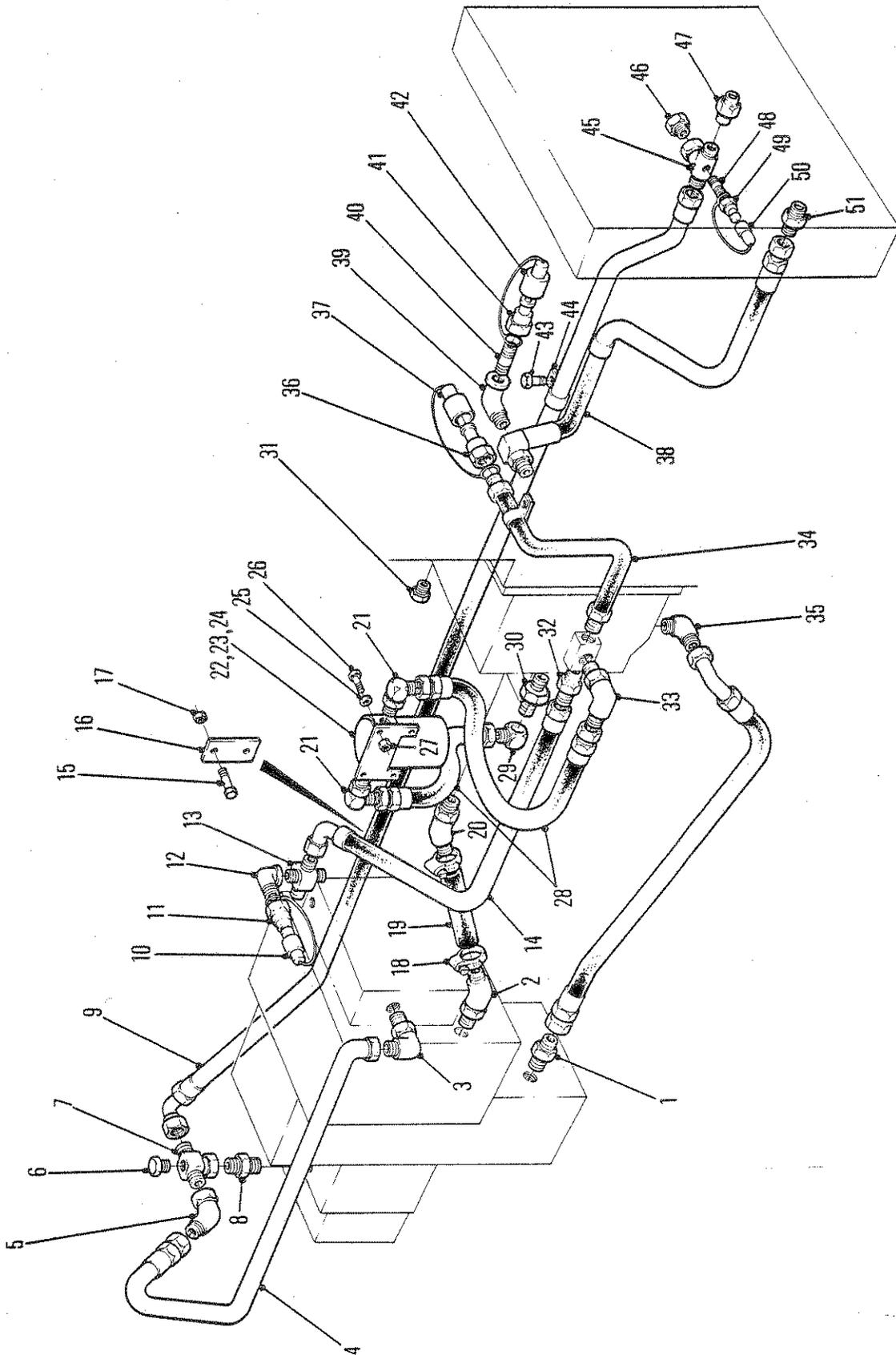
6069TP

**SECONDARY BRAKE ASSEMBLY** ☒  
**ENSEMBLE FREIN SECONDAIRE** ☒  
**SEKUNDÄRBREMSEINHEIT** ☒  
**FREIO CONJUNTO SECUNDÁRIO** ☒  
**FRENO CONJUNTO SECUNDARIO** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	<sup>1</sup> 1927821	2	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
1	<sup>1</sup> 1992014	2	Cap	chapeau	Kappe	tampa	tapa
2	<sup>2</sup> S-----	2	Housing	botier	Gehuse	carcaça	carcasa
3	1992007	2	Piston	piston	Kolben	pistão	pistón
4	1992008	2	Seal	joint étanchéité	Dichtung	vedador	sello
5	1991211	2	Lining	garniture	Belag	lona	cinta
6	1991323	4	Screw	vis	Schraube	parafuso	tornillo
7	1992009	2	Pin	goupille	Stift	pino	pasador
8	1991325	4	Spring	ressort	Feder	mola	resorte
9	954597	2	Lockring	anneau blocage	Klemmring	anel trava	anillo seguridad
10	25K020012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
11	1992011	2	Grip	poignée	Griff	punho	mango
12	1991327	2	Plate	plaque	Platte	placa	placa
13	42G001004	3	Screw	vis	Schraube	parafuso	tornillo
14	1992013	2	Bleeder	robinet de purge	Ablasshahn	torneira de purga	robinete de purga

<sup>1</sup> Emergency brake  
<sup>1</sup> frein à main  
<sup>1</sup> notbremse  
<sup>1</sup> freio de emergência  
<sup>1</sup> freno de emergencia

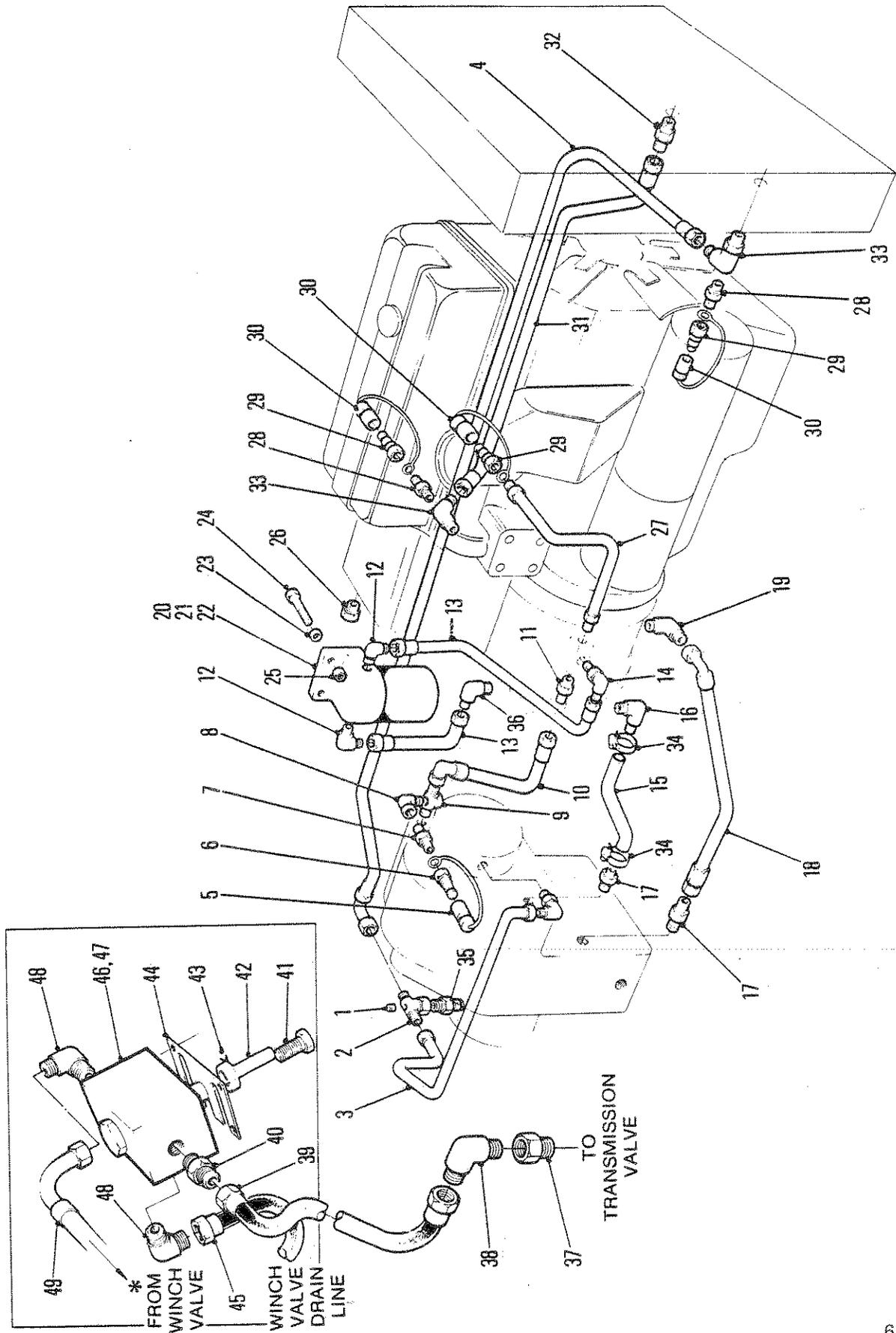
<sup>2</sup> See A  
<sup>2</sup> Voir A  
<sup>2</sup> Siehe A  
<sup>2</sup> Veja A  
<sup>2</sup> Véase A



6647TP

**HYDRAULIC SYSTEM, TRANSMISSION & TORQUE CONVERTER**  
**SYSTÈME HYDRAULIQUE, TRANSMISSION & CONVERTISSEUR**  
**HYDRAULIKANLAGE GETRIEBE & DREHMOMENTWANDLER**  
**SISTEMA HIDRÁULICO, TRANSMISSÃO & CONVERSOR DE TORQUE**  
**SISTEMA HIDRÁULICO, TRANSMISIÓN & CONVERTIDOR DE PAR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	89F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	2337812	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
3	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
4	1939049	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	12K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	41K000002	1	Plug	bouchon	Stopfen	bujão	tapón
7	1939050	1	Fitting	ajustage	Verbindung	ajuste	acessorio
8	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
9	1939047	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
11	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
12	26F000002	1	Fitting	ajustage	Verbindung	ajuste	acessorio
13	1905879	1	Fitting	ajustage	Verbindung	ajuste	acessorio
14	1905871	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	17C000516	2	Bolt	bouion	Bolzen	parafuso	bulón
16	1316343	1	Bracket	support	Winkel	grampo	grampa
17	59D000005	2	Nut	écrou	Mutter	porca	tuerca
18	43H001175	2	Clamp	pince	Schelle	braçadeira	abrazadera
19	1310909	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1937684	1	Fitting	ajustage	Verbindung	ajuste	acessorio
21	731016	2	Fitting	ajustage	Verbindung	ajuste	acessorio
22	1930615	1	Filter assy	ens du filtre	Filter vollst	conj do filtro	conj de filtro
23	1992243	1	Head	culasse	Kopf	cabeça	cabeza
24	1992156	1	Element	élément	Element	elemento	elemento
25	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
26	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
27	85D000006	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
28	1914223	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	731016	1	Fitting	ajustage	Verbindung	ajuste	acessorio
30	12K000008	1	Swivel fitting	garnitures de pivot	Schwenkausrüstung	acessorio de rodizio	acessorio pivote
31	41K000002	1	Plug	bouchon	Stopfen	bujão	tapón
32	15K000006	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
33	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
34	2502152	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	83F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
37	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
38	1939048	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
39	26F000002	-	Fitting	ajustage	Verbindung	ajuste	acessorio
40	5K000207	1	Nipple	raccord	Nippel	niple	niple
41	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
42	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
43	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
44	30H000060	1	Clip	attache	Schelle	braçadeira	abrazadera
45	1939051	1	Tee	raccord T	T-Verbindungsstück	te	te
46	36K000010	1	Cap	chapeau	Kappe	tampa	tapa
47	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
48	5K000207	1	Nipple	raccord	Nippel	niple	niple
49	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
50	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
51	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector



6487TP

**HYDRAULIC SYSTEM, TRANSMISSION & TORQUE CONVERTER  
 SYSTÈME HYDRAULIQUE, TRANSMISSION & CONVERTISSEUR  
 HYDRAULIKANLAGE GETRIEBE & DREHMOMENTWANDLER  
 SISTEMA HIDRÁULICO, TRANSMISSÃO & CONVERSOR DE TORQUE  
 SISTEMA HIDRÁULICO, TRANSMISIÓN & CONVERTIDOR DE PAR**

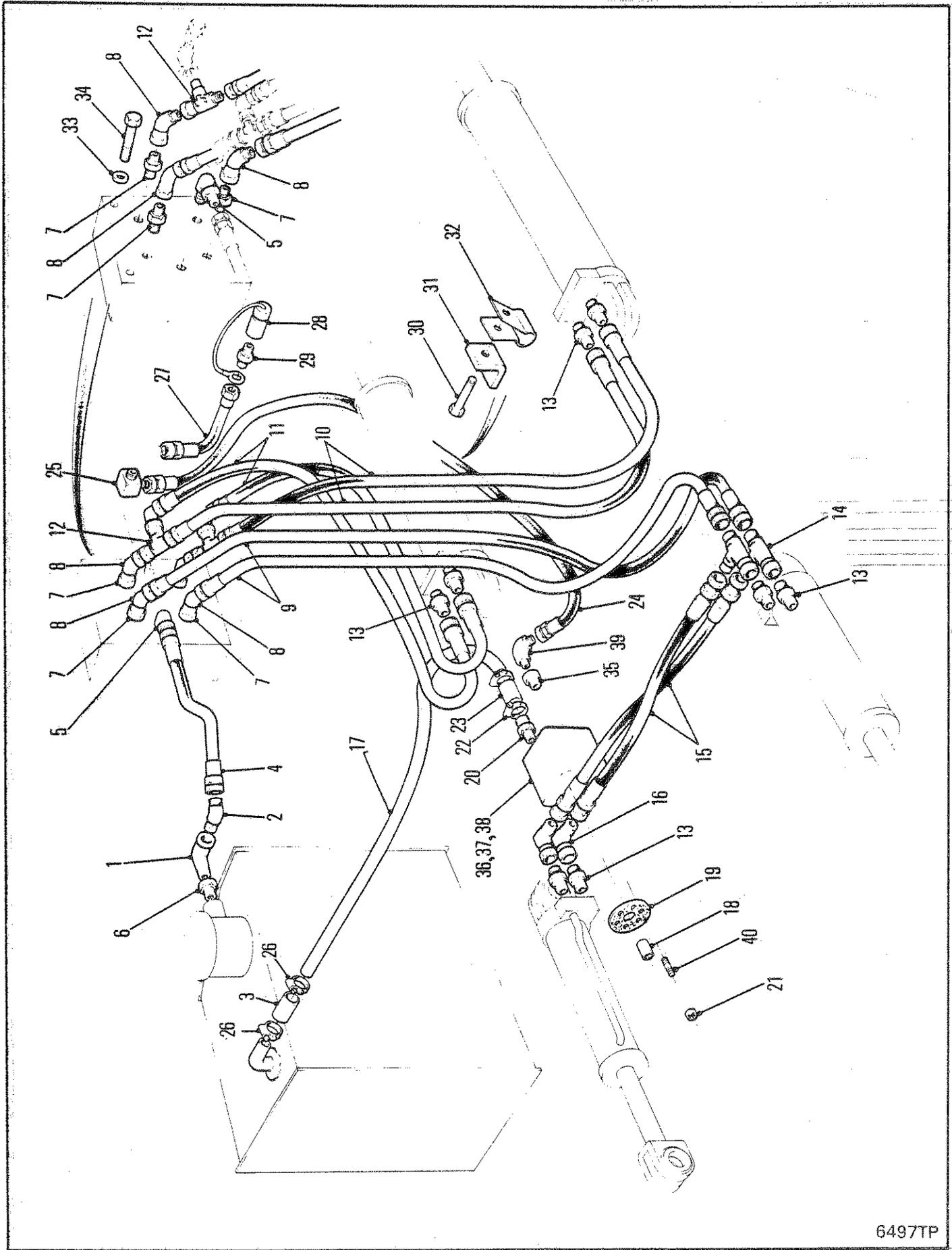
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	41K000002	1	Tee	raccord T	T-Verbindungsstück	te	te
2	1904507	1	Fitting	ajustage	Verbindung	ajuste	accesorio
3	1939049	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	1934697	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
6	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
7	1309991	1	Nipple	raccord	Nippel	niple	niple
8	26F000002	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	1905879	1	Tee	raccord T	T-Verbindungsstück	te	te
10	1905871	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	15K000006	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
12	731016	2	Fitting	ajustage	Verbindung	ajuste	accesorio
13	1914223	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	17K000008	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
15	1310810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	666846	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	89F000010	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
18	1923067	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	83F000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
20	1930615	1	Filter assy	ens du filtre	Filter vollst	conj do filtro	conj de filtro
21	†1992243	1	Head	culasse	Kopf	cabeça	cabeza
22	†1992156	1	Element	élément	Element	elemento	elemento
23	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
24	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
25	85D000006	4	Nut	écrou	Mutter	porca	tuerca
26	41K000002	1	Plug	bouchon	Stopfen	bujão	tapón
27	2502152	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
28	5K000207	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
29	1306142	3	Coupling	accouplement	Kupplung	acoplamento	acople
30	6000689	3	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
31	1325835	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
32	15K000008	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
33	1301242	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
34	42H000020	2	Clamp	pince	Schelle	braçadeira	abrazadera
35	15K000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
36	1936255	1	Fitting	ajustage	Verbindung	ajuste	accesorio
37	30-----	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
38	83F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
39	1932884	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
40	89F000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
41	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
42	1936949	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
43	15G000404	1	Set screw	vis à pointe	Gewindestift	parafuso fixador	tornillo reten
44	1929758	2	Shim	cale	Beilage	calço	planchita
45	1932885	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
46	21932360	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
47	4-----	1	Valve de-clutch	soupape débrayage	Vntl Entkpiigs	válvula desembreagen	válvula desembraque
48	83F000005	2	Fitting	ajustage	Verbindung	ajuste	accesorio
49	1935637	1	Hose	tuyau flexible	Schlauch	mangueira	manguera

1 Inc. 21 & 22

2 Inc. 42, 43 & 47

3 Ref Group A3 34200

4 Ref Group E2 35000



6497TP

**STEER & BLADE HYDRAULICS**  
**SYSTÈME HYDRAULIQUE DE DIRECTION & DE PALE**  
**LENK- & SCHILDHYDRAULIK**  
**SISTEMA HIDRÁULICO DA DIREÇÃO & DA LÂMINA**  
**SISTEMA HIDRAULICO DE DIRECCION & DE LAMINA**

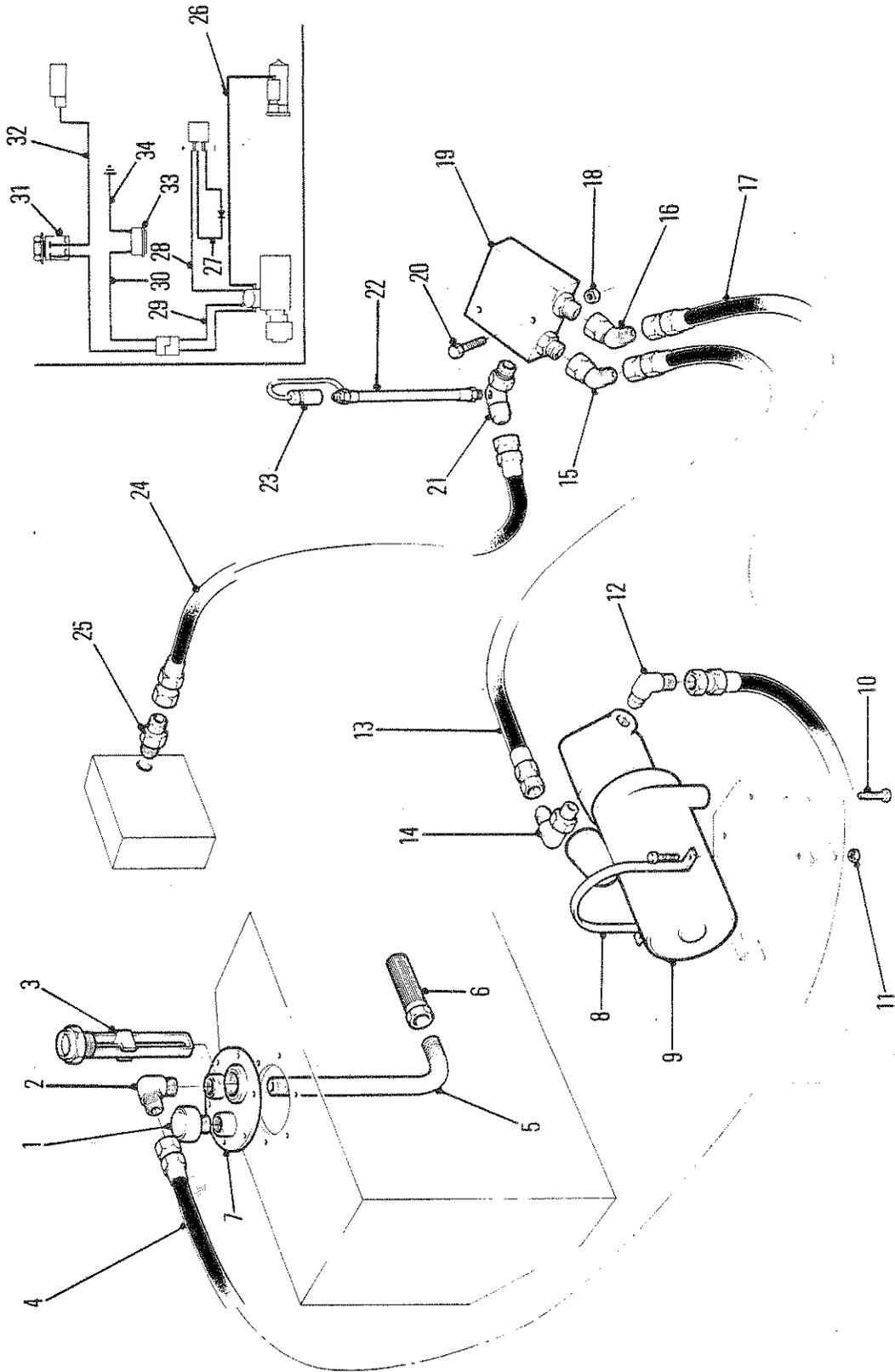
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	126F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	84F000010	2	Elbow	coude	Winkelrohr	cotovêlo	codo
3	636960	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	2535061	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	17K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	19F000017	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
7	12K000006	3	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
8	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
9	1933477	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1935761	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1938496	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	13K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
13	755054	8	Fitting	ajustage	Verbindung	ajuste	accesorio
14	13K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
15	1320757	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	11K000006	2	Fitting	ajustage	Verbindung	ajuste	accesorio
17	1932315	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	214962	1	Sleeve	manchon	Muffe	luva	manguito
19	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
20	1322622	1	Fitting	ajustage	Verbindung	ajuste	accesorio
21	8D000006	6	Nut	écrou	Mutter	porca	tuerca
22	42H000036	2	Clamp	pince	Schelle	braçadeira	abrazadera
23	713967	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	1936781	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
25	1321750	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	42H000028	2	Clamp	pince	Schelle	braçadeira	abrazadera
27	2502152	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
28	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
29	1306142	1	Coupling	accouplement	Kupplung	acoplamento	acople
30	18C000724	1	Bolt	boulon	Bolzen	parafuso	bulón
31	1935353	1	Bracket	support	Winkel	grampo	grampa
32	30H000061	1	Clip	attache	Schelle	braçadeira	abrazadera
33	27E000006	3	Washer	rondelle	Scheibe	arruela	arandela
34	17C000664	3	Bolt	boulon	Bolzen	parafuso	bulón
35	1522575	1	Fitting	ajustage	Verbindung	ajuste	accesorio
36	1928728	1	Pump	pompe	Pumpe	bomba	bomba
37	1992194	1	Repair Kit	trousse de réparation	Reparatursatz	conjunto de reparo	juego de reparación
38	1927428	1	Pump	pompe	Pumpe	bomba	bomba
39	1936379	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	207647	6	Stud	goujon	Stift	prisioneiro	espárrago

† □ 552A-101-CAC&⇒, 548A-101-CAC&⇒, 549A-101-CAC&⇒

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

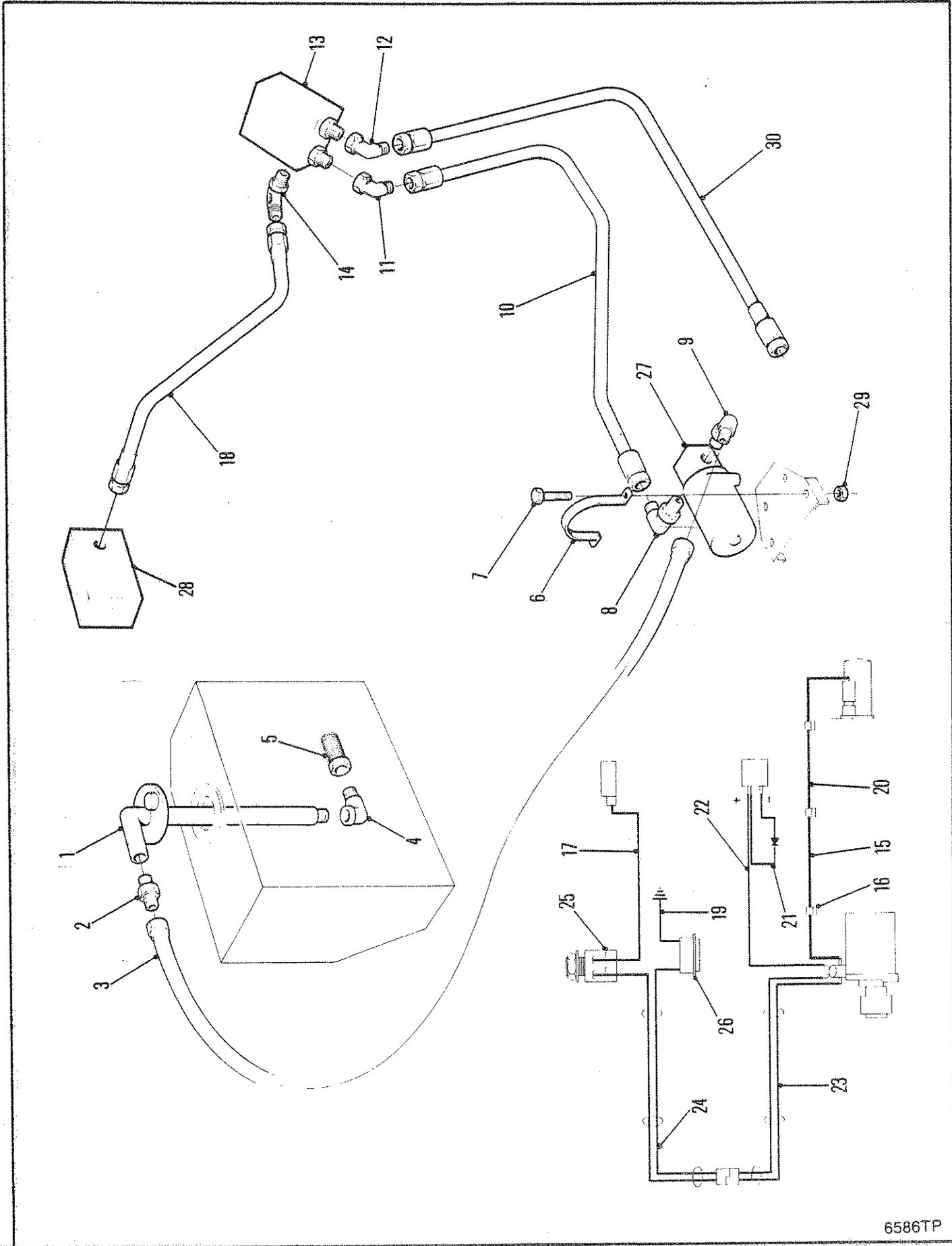
564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6535TP

**EMERGENCY STEERING** ☒  
**DIRECTION DE SECOURS** ☒  
**NOTLENKUNG** ☒  
**DIREÇÃO DE EMERGENCIA** ☒  
**DIRECCIÓN DE EMERGENCIA** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1936102	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
2	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	1936103	1	Gauge	jauge	Instrument	calbrador	medidor
4	1324702	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1936090	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	1934626	1	Strainer	tamis	Sieb	coador	tamiz
7	1936086	1	Cover	couvercle	Deckel	tampa	tapa
8	1915631	1	Strap	bande	Band	faixa	banda
9	○-----	1	Pump	pompe	Pumpe	bomba	bomba
10	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
11	59D000006	2	Nut	écrou	Mutter	porca	tuerca
12	1300294	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	2750576	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	17K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
15	12K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
16	12K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	1323941	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	59D000006	2	Nut	écrou	Mutter	porca	tuerca
19	2536430	1	Switch	interrupteur	Schalter	interruptor	interruptor
20	17C000644	2	Bolt	boulon	Bolzen	parafuso	bulón
21	1934086	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	2502152	1	Tube	tube	Rohr	tubo	tubo
23	6000689	1	Dust cap	chapeau pare-pussier	Staubkappe	tampa contra poeira	tapa guardapolvo
24	1934084	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
25	15K000008	1	Connector	raccord	Verbindungsstück	ligador	conector
26	1934126	1	Cable assy	ens câble	Kabel vollst	conjunto do cabo	conjunto de cable
27	1936635	1	Diode	diode	Diode	diodo	diodo
28	583454	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
29	1934124	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
30	1934125	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
31	1933430	1	Switch	interrupteur	Schalter	interruptor	interruptor
32	1934127	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
33	1929544	1	Light	lampe	Licht	lâmpada	lámpara
34	2519785	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj



6586TP

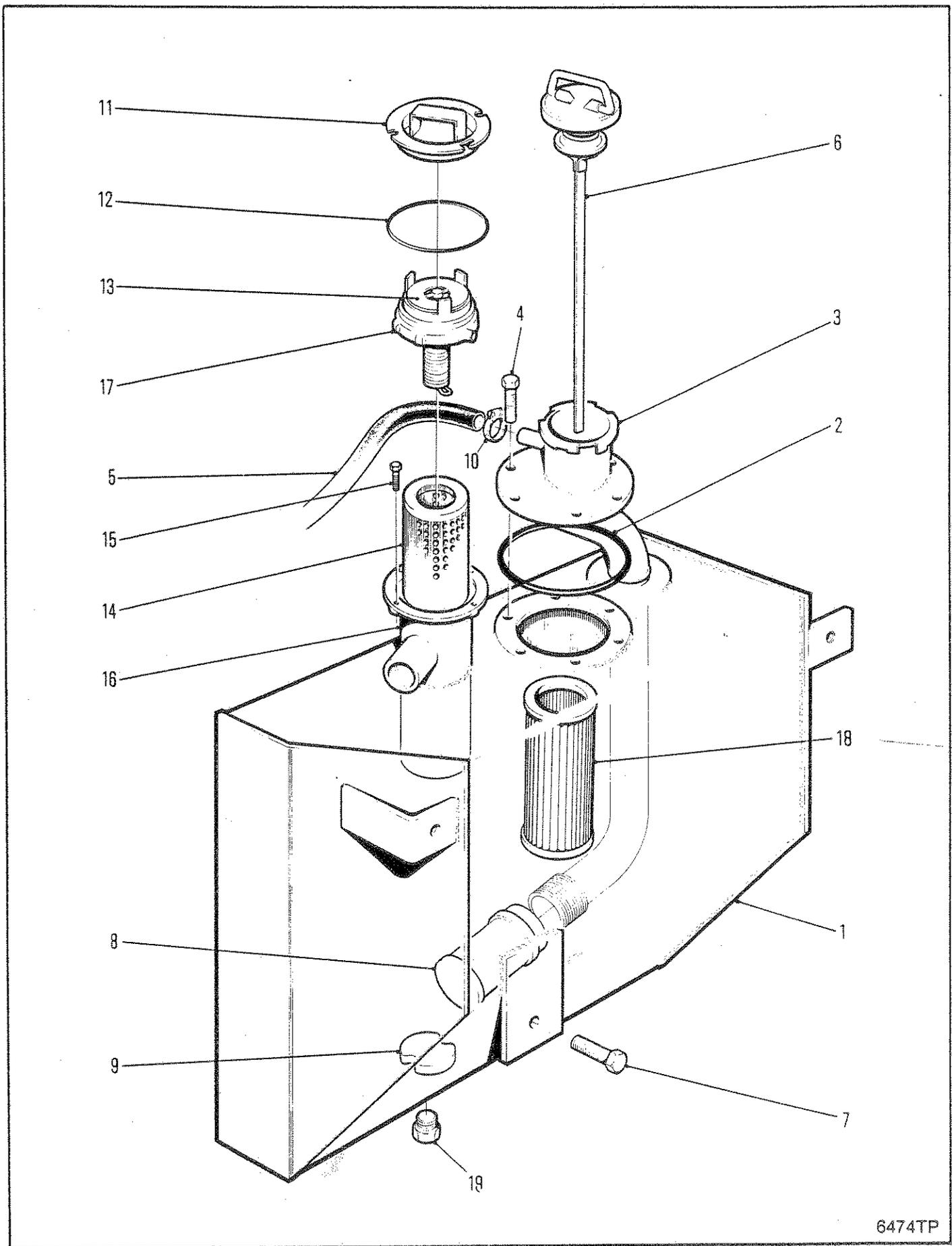
**EMERGENCY STEERING** ☒  
**DIRECTION DE SECOURS** ☒  
**NOTLENKUNG** ☒  
**DIREÇÃO DE EMERGENCIA** ☒  
**DIRECCIÓN DE EMERGENCIA** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1936910	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
2	89F000008	1	Connector	raccord	Verbindungsstück	ligador	conector
3	1324702	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	26F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
5	1934626	1	Strainer	tamis	Sieb	coador	tamiz
6	1915631	1	Clamp	pince	Schelle	braçadeira	abrazadera
7	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
8	17K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
9	1300294	1	Elbow	coude	Winkelrohr	cotovêlo	codo
10	2750576	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	12K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	12K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	2536430	1	Switch	interrupteur	Schalter	interruptor	interruptor
14	18K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
15	1934126	1	Cable assy	ens câble	Kabel vollst	conjunto do cabo	conjunto de cable
16	1936912	1	Bracket	support	Winkel	grampo	grampa
17	1934127	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
18	1936911	1	Hose	tuyau flexible	Schiauch	mangueira	manguera
19	2519785	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
20	1934126	1	Cable assy	ens câble	Kabel vollst	conjunto do cabo	conjunto de cable
21	1936635	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
22	1909709	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
23	1934124	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
24	1934125	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
25	1933430	1	Switch	interrupteur	Schalter	interruptor	interruptor
26	1929544	1	Light	lampe	Licht	lâmpada	lámpara
27	○-----	1	Pump assy	ens pompe	Pumpeinheit	cj bomba	cj bomba
28	○-----	1	Control valve	soupape de contrôle	Steuventil	vâlv de contr	vaiv de control
29	59D000006	4	Nut	écrou	Mutter	porca	tuerca
30	1323941	1	Hose	tuyau flexible	Schlauch	mangueira	manguera

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC

564A-101-CAC⇒564A-9999-CAC



6474TP

**HYDRAULIC TANK ASSEMBLY**  
**ASSEMBLAGE DU RÉSERVOIR HYDRAULIQUE**  
**HYDRAULIKTANKEINHEIT**  
**CONJUNTO DO TANQUE HIDRÁULICO**  
**ESTRUCTURA DEL TANQUE HIDRÁULICO**

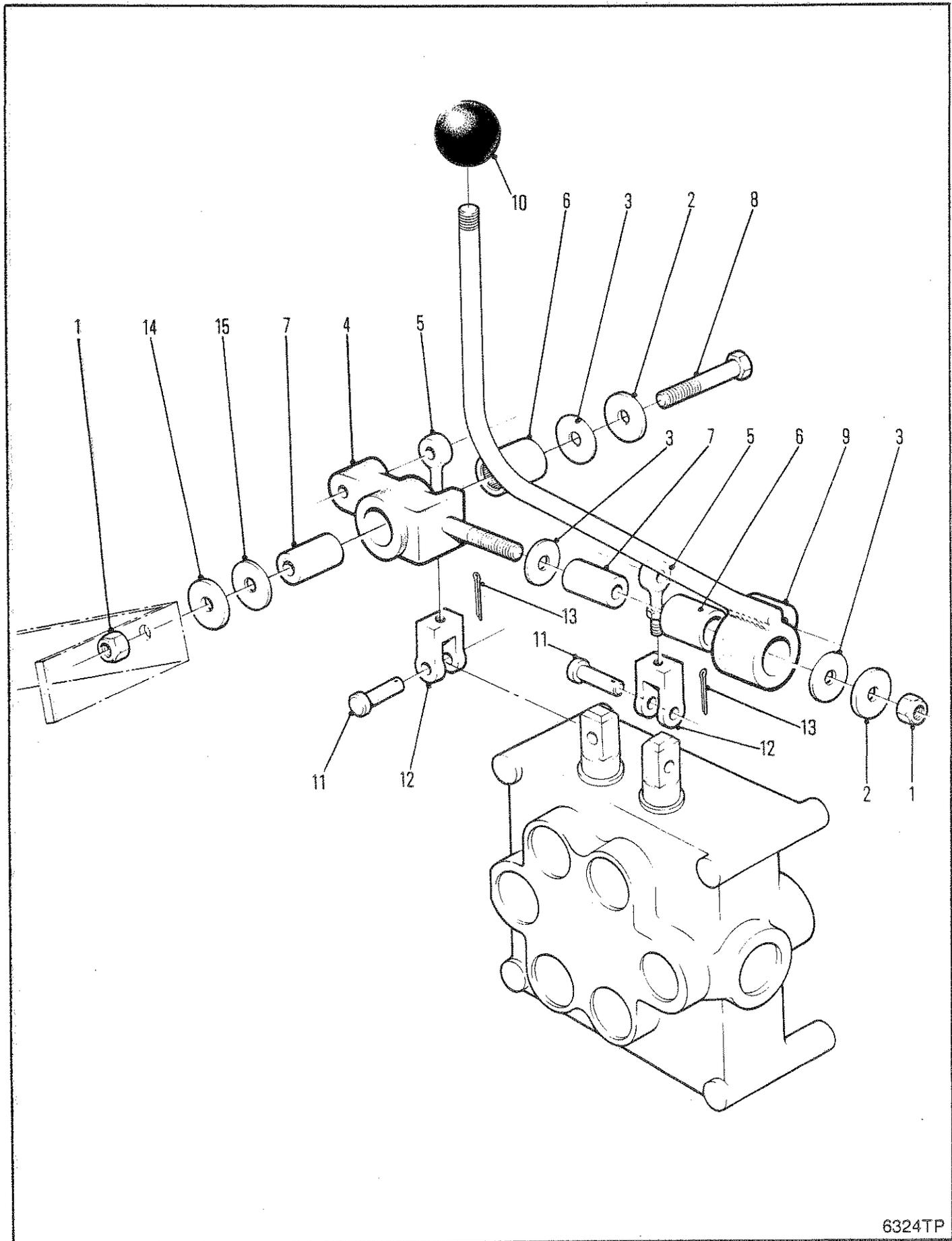
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935317	1	Hydraulic tank	réservoir hydraul	Hydrauliktank	tanque hidráulico	tanque hidráulico
2	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
3	1935847	1	Filler neck	goulot remplissage	Einfüllstutzen	tubo enchimento	tubo llenado
4	18C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
5	1934633	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1935849	1	Cap	chapeau	Kappe	tampa	tapa
7	17C001024	3	Bolt	boulon	Bolzen	parafuso	bulón
8	1916053	1	Strainer	tamis	Sieb	coador	tamiz
9	525293	1	Magnet	aimant	Magnet	imã	imán
10	42H000010	1	Clamp	pince	Schelle	braçadeira	abrazadera
11	1992370	1	Cover assy	couvercie ens	Deckel vollst	tampa conj	tapa conj
12	25K040316	1	O-ring	joint torique	O Ring	anel-O	anillo-O
13	1992371	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
14	1992357	1	Element	élément	Element	elemento	elemento
15	1C000508	4	Screw	vis	Schraube	parafuso	tornillo
16	S-----	1	Housing	botier	Gehuse	carcaça	carcasa
17	1992372	1	Mount	support	Befestigung	apoio	montura
18	1901464	1	Strainer	tamis	Sieb	coador	tamiz
19	40K000008	1	Plug	bouchon	Stopfen	bujão	tapón
20	1935263	1	Filter assy	ens du filtre	Filter vollst	conj do filtro	conj de filtro

1 Inc 11→17

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 555A-101-CAC→555A-9999-CAC  
 548A-101-CAC→548A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
 552A-101-CAC→552A-9999-CAC



6324TP

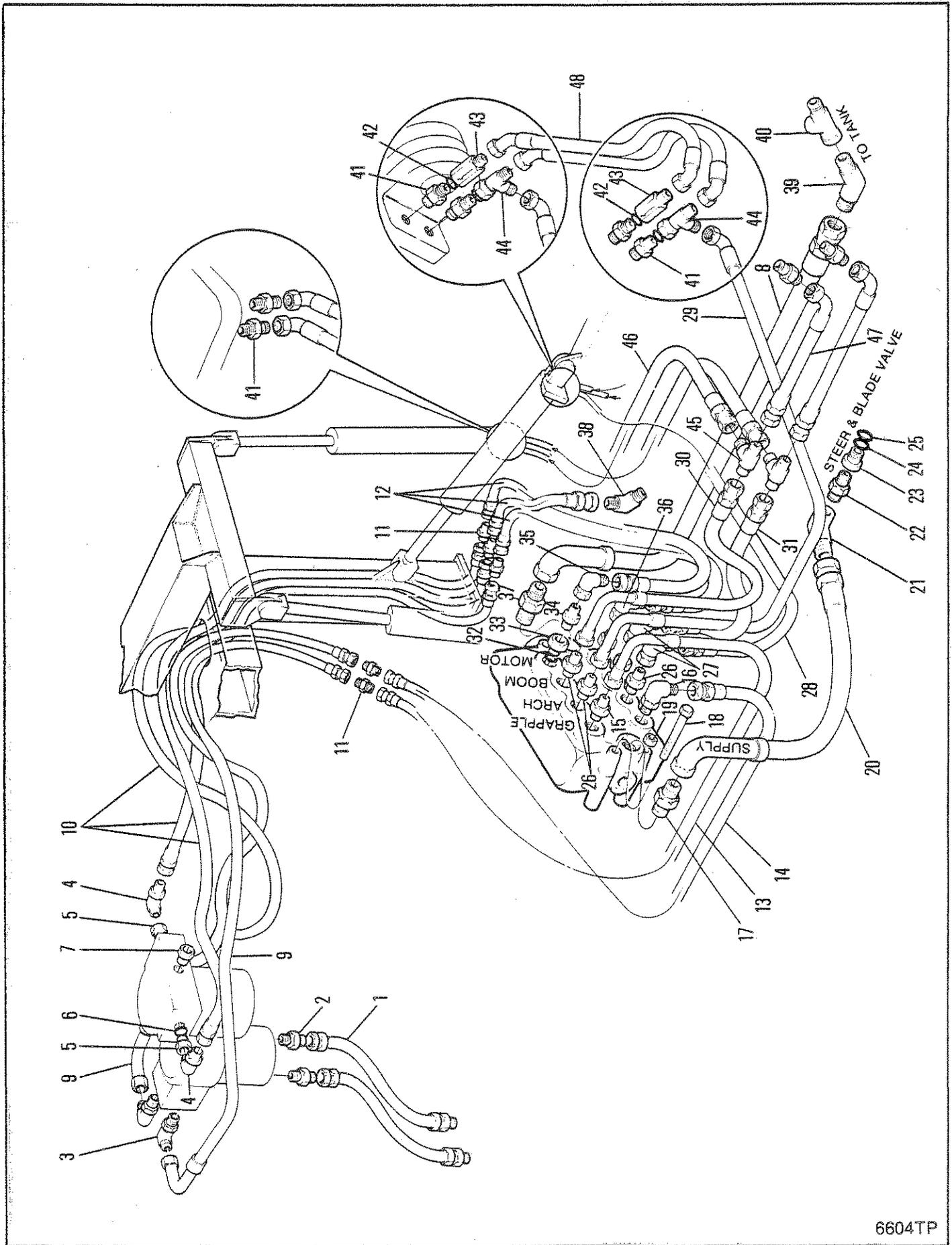
**STEER & BLADE CONTROLS**  
**CONTRÔLES DE GUIDAGE & DE LAME**  
**LENK & BLATTSTEUERUNG**  
**CONTRÔLES DE DIREÇÃO & LÂMINA**  
**MANDOS DE DIRECCIÓN & CUCHILLAS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	85D000008	2	Nut	écrou	Mutter	porca	tuerca
2	561912	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
3	895603	4	Washer	rondelle	Scheibe	arruela	arandela
4	1931772	1	Pivot	pivot	Zapfen	perno	muón
5	1937782	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
6	675227	2	Bearing	palier	Lager	mancal	cojinete
7	1932293	2	Sleeve	manchon	Muffe	luva	manguito
8	17C000852	1	Bolt	boulon	Bolzen	parafuso	bulón
9	1932682	1	Joystick assy	ens levier commande	Steuerknüppelgruppe	conj manche	conj palo de mando
10	565389	1	Knob	bouton	Knopf	manípula	botón
11	4F005062	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
12	1758887	2	Clevis	étrier	Schkel	garfo	horquilla
13	1F000316	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
14	611838	1	Tube	tube	Rohr	tubo	tubo
15	1522535	4	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
16	8D000005	2	Nut	écrou	Mutter	porca	tuerca

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

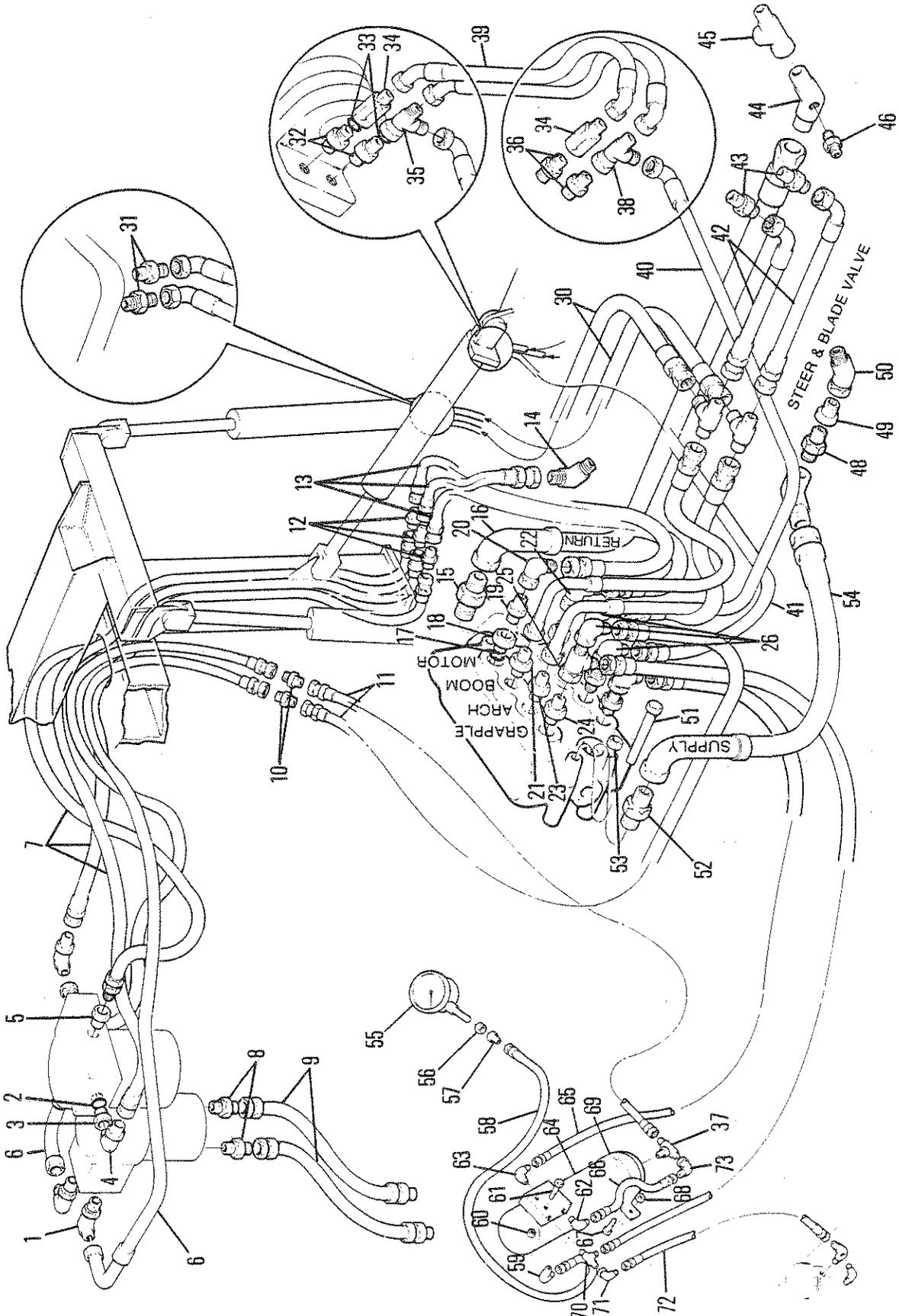
564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6604TP

**HYDRAULICS-ARCH, GRAPPLE, BOOM & MOTOR**  
**CIRCUIT HYDRAULIQUE-ARCHE, GRAPPIN, FLÈCHE & MOTEUR**  
**HYDRAULIK-BOGEN, GREIFER, HUBARM & MOTOR**  
**HIDRÁULICOS-ARCO, GARRA, BRAÇO & MOTOR**  
**HIDRAULICOS-ARCO, GARRA, AGUILON & MOTOR**

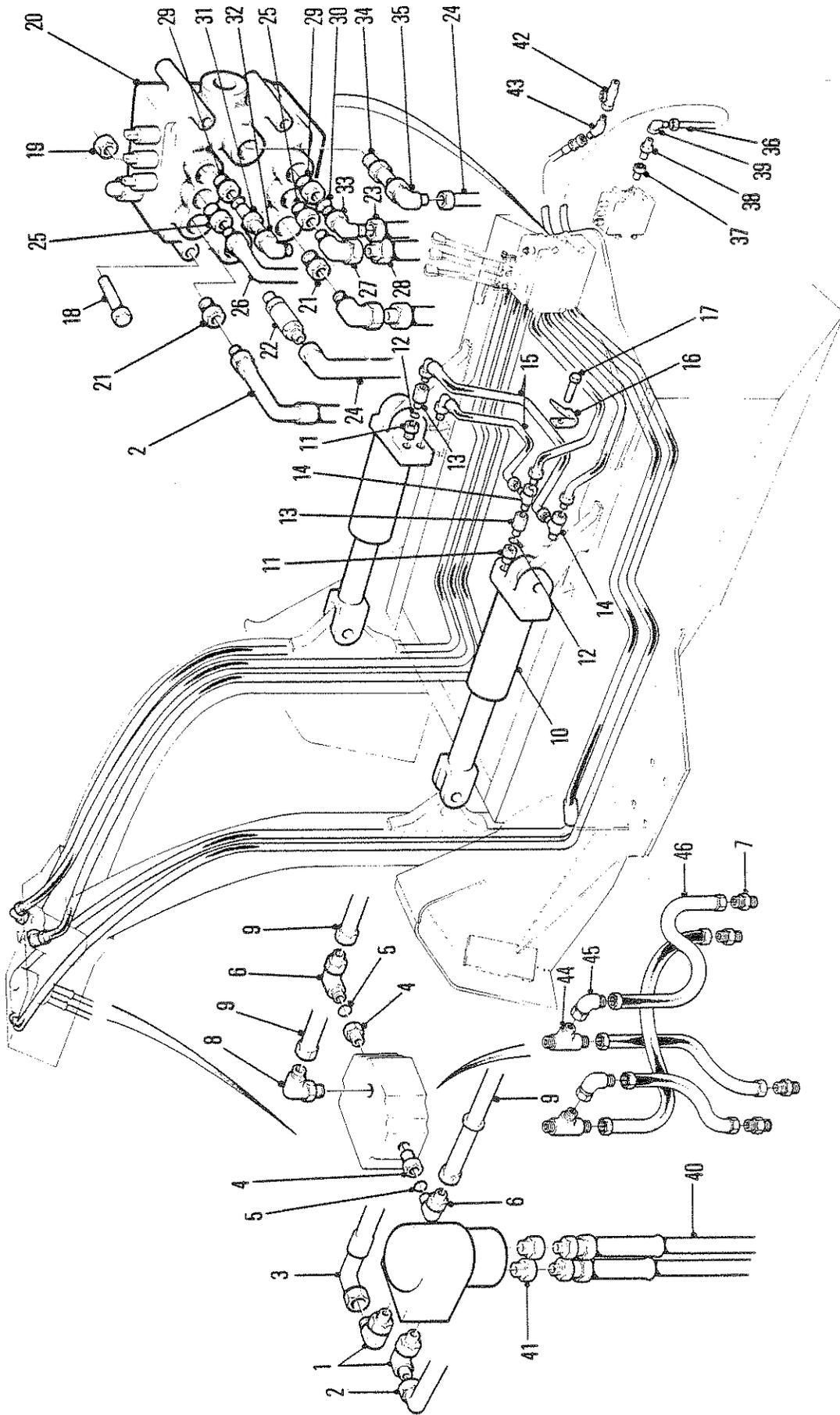
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1302522	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
2	15K000007	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
3	17K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
4	17K000005	2	Fitting	ajustage	Verbindung	ajuste	accesorio
5	5290065	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
6	91F000008	2	O-Ring	joint torique	O Ring	anel-O	anillo-O
7	1310493	1	Fitting	ajustage	Verbindung	ajuste	accesorio
8	1937497	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1936156	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
10	1936160	3	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
11	87F000007	5	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
12	1936159	3	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1936155	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1936154	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	755054	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
16	1310799	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	15K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
18	17C000664	2	Boit	boulon	Bolzen	parafuso	bulón
19	85D000006	1	Nut	écrou	Mutter	porca	tuerca
20	1936782	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1936379	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
23	1905942	1	Fitting	ajustage	Verbindung	ajuste	accesorio
24	58K000119	1	O-Ring	joint torique	O Ring	anel-O	anillo-O
25	91F000010	1	O-Ring	joint torique	O Ring	anel-O	anillo-O
26	755054	4	Connector	raccord	Verbindungsstück	ligador	conector
27	11K000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
28	2532064	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	1935947	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1935954	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	1935953	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
32	91F000008	2	O-Ring	joint torique	O Ring	anel-O	anillo-O
33	5290065	1	Fitting	ajustage	Verbindung	ajuste	accesorio
34	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
35	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	17K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
37	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
38	84F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
39	2542789	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	17F000006	1	Tee	raccord T	T-Verbindungsstück	te	te
41	755054	6	Fitting	ajustage	Verbindung	ajuste	accesorio
42	91F000006	4	O-Ring	joint torique	O Ring	anel-O	anillo-O
43	1935239	1	Valve	soupape	Ventil	válvula	válvula
44	13K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
45	10K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
46	5207782	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
47	1326267	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
48	1936413	2	Hose	tuyau flexible	Schlauch	mangueira	manguera



6756TP

**HYDRAULICS-ARCH, GRAPPLE, BOOM & MOTOR HEAD  
 CIRCUIT HYDRAULIQUE, ARCHE, GRAPPIN, FLÈCHE & MOTEUR  
 HYDRAULIK, BOGEN, GREIFER, HUBARM & MOTOR  
 HIDRÁULICOS, ARCO, GARRA, BRAÇO & MOTOR  
 HIDRAULICOS, ARCO, GARRA, AGUILON & MOTOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	18K000007	2	Elbow	coude	Winkelrohr	cotovêlo	codo
2	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
3	5290065	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
4	17K000005	2	Fitting	ajustage	Verbindung	ajuste	accesorio
5	1310493	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	1936156	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
7	1936160	3	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
8	15K000007	2	Elbow	coude	Winkelrohr	cotovêlo	codo
9	1302522	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	87F000007	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
11	1544816	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	87F000005	3	Fitting	ajustage	Verbindung	ajuste	accesorio
13	1936159	3	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1937389	1	Tee	raccord T	T-Verbindungsstück	te	te
15	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
16	1937497	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
18	5290065	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
19	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
20	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	755054	2	Fitting	ajustage	Verbindung	ajuste	accesorio
22	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	755054	2	Fitting	ajustage	Verbindung	ajuste	accesorio
24	755054	2	Fitting	ajustage	Verbindung	ajuste	accesorio
25	13K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
26	11K000006	3	Elbow	coude	Winkelrohr	cotovêlo	codo
27	1935954	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
28	1935953	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	10K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
30	5207782	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
32	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
33	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
34	1935239	2	Valve	soupape	Ventil	válvula	válvula
35	13K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
36	755054	2	Fitting	ajustage	Verbindung	ajuste	accesorio
37	19K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
38	13K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
39	1936413	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
40	1935947	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
41	2532064	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
42	1326267	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
43	755054	2	Fitting	ajustage	Verbindung	ajuste	accesorio
44	2542789	1	Reducer	réducteur	Reduzierstück	reductor	reductor
45	17F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo

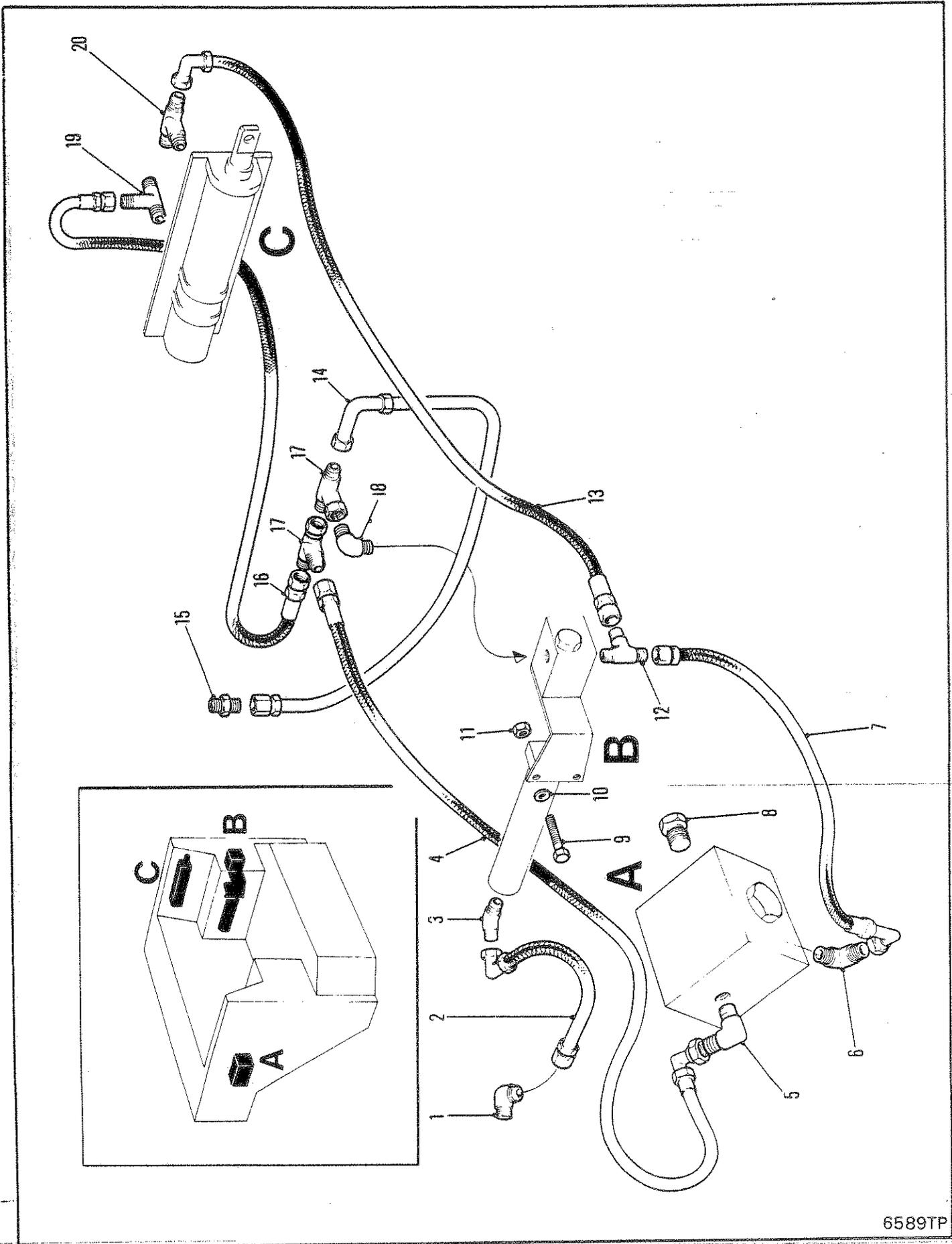


6477TP

**HYDRAULICS-ARCH, GRAPPLE & MOTOR**  
**HYDRAULIQUES-ARCHE, GRAPPIN & MOTEUR**  
**HYDRAULIK-BOGEN, GREIFER & MOTOR**  
**HIDRÁULICO-ARCO, GARRA & MOTOR**  
**HIDRÁULICA-ARCO, AGARRADERA & MOTOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	784568	2	Fitting	ajustage	Verbindung	ajuste	accesorio
2	1935241	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
3	1935240	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
4	5290065	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
5	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
6	17K000005	2	Fitting	ajustage	Verbindung	ajuste	accesorio
7	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
8	1319807	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	1935242	3	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	○-----	2	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
11	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
12	91F000006	1	O-ring	joint torique	O Ring	anel-O	anillo-O
13	1935239	1	Valve	soupape	Ventil	válvula	válvula
14	13K000006	2	Fitting	ajustage	Verbindung	ajuste	accesorio
15	1935610	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	30H000046	2	Clip	attache	Schelle	braçadeira	abrazadera
17	18C000616	2	Boit	boulon	Bolzen	parafuso	bulón
18	17C000664	2	Bolt	boulon	Bolzen	parafuso	bulón
19	85D000006	1	Nut	écrou	Mutter	porca	tuerca
20	○-----	1	Control valve	soupape de contrôle	Steuventil	váv de contr	valv de control
21	755054	2	Reducer	réducteur	Reduzierstück	reductor	reductor
22	1522575	2	Fitting	ajustage	Verbindung	ajuste	accesorio
23	1935242	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	1937497	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
25	755054	2	Reducer	réducteur	Reduzierstück	reductor	reductor
26	1935608	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
27	11K000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
28	1935609	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	5290065	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
30	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
31	15K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
32	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
33	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
34	15K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
35	84F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	1936782	1	Hose supply	tuyau alimentation	Schlauchzufuhr	suprimento mangueira	suministro manguera
37	1905942	1	Fitting	ajustage	Verbindung	ajuste	accesorio
38	15K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
39	1936379	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	1938743	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
41	731794	2	Fitting	ajustage	Verbindung	ajuste	accesorio
42	17F000006	1	Tee	raccord T	T-Verbindungsstück	te	te
43	2542789	1	Fitting	ajustage	Verbindung	ajuste	accesorio
44	10K000006	2	Tee	raccord T	T-Verbindungsstück	te	te
45	11K000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
46	1927466	4	Plate	plaque	Platte	placa	placa

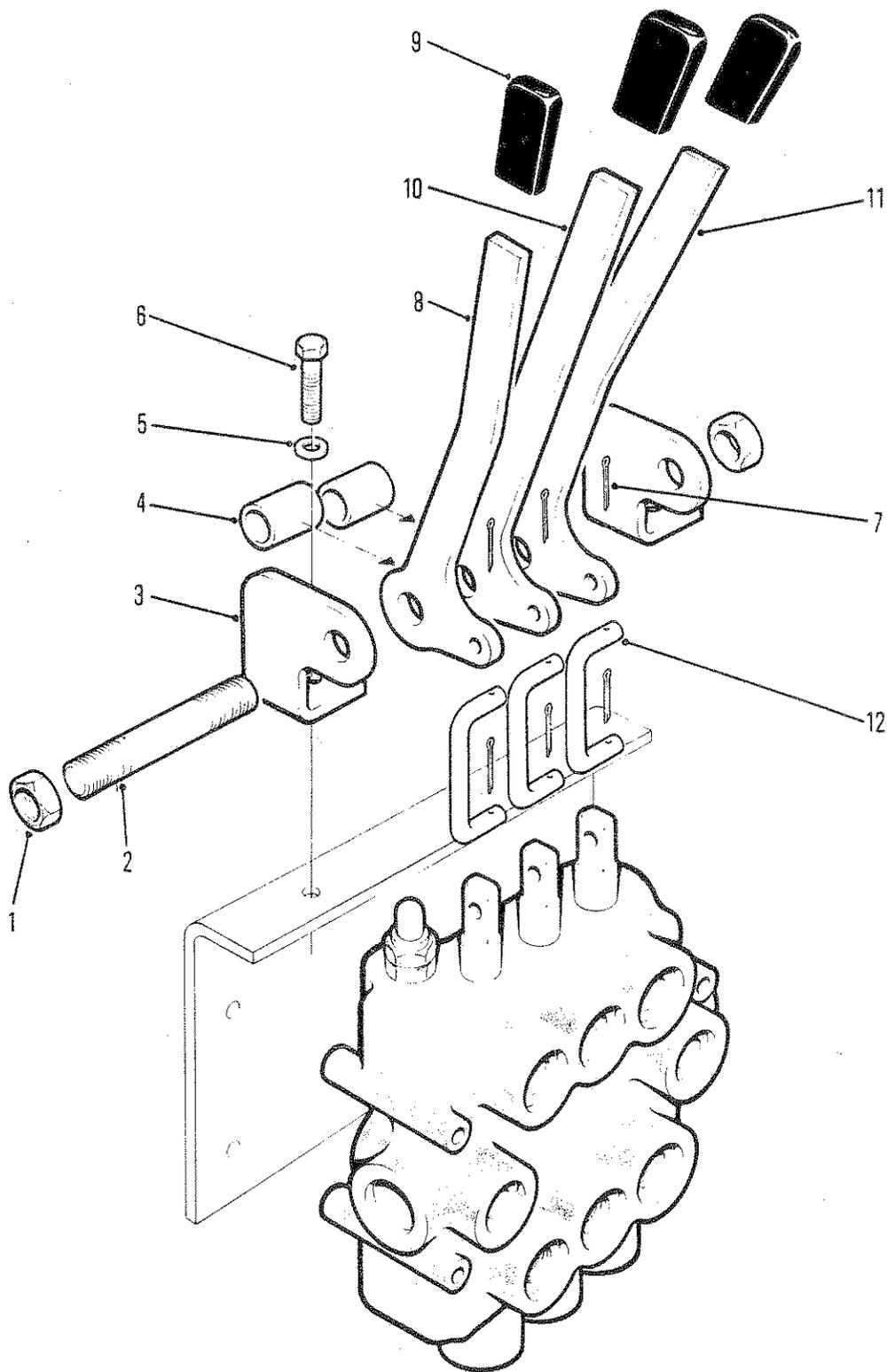
1 Inc. 1 - 58K000119 O-ring & 1 - 91F000010 O-ring  
1 Inc. 1 - 58K000119 joint torique & 1 - 91F000010 joint torique  
1 Inc. 1 - 58K000119 O-Ring & 1 - 91F000010 O-Ring  
1 Inc. 1 - 58K000119 anel-O & 1 - 91F000010 anel-O  
1 Inc. 1 - 58K000119 anillo-O & 1 - 91F000010 anillo-O



6589TP

**AUTOMATIC GRIP CONTROL HYDRAULICS**  
**POIGNÉE DE COMMANDE AUTOMATIQUE DES CIRCUITS HYDRAULIQUES**  
**HYDRAULIKANLAGE ZUR AUTOMATISCHEN GREIF-STEUERUNG**  
**HIDRÁULICA COM CONTRÔLE DE CABO AUTOMÁTICO**  
**HIDRÁULICA CON CONTROL DE AGARRE AUTOMÁTICO**

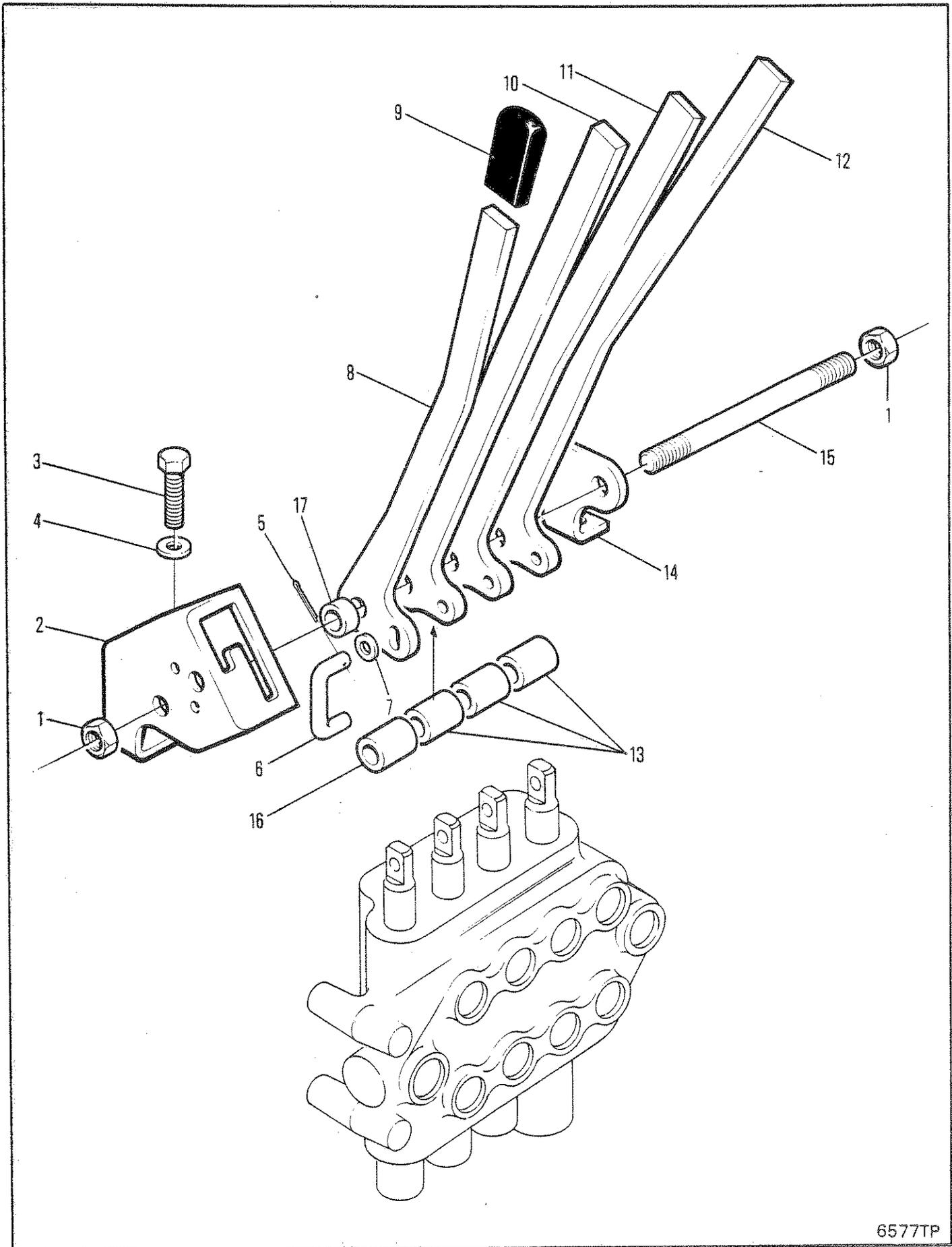
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1937767	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	1935876	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	1937767	1	Fitting	ajustage	Verbindung	ajuste	accesorio
4	1933309	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	84F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	1935875	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	40K000004	1	Plug	bouchon	Stopfen	bujão	tapón
9	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	85D000006	2	Nut	écrou	Mutter	porca	tuerca
12	42K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
13	1935874	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1936688	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	15K000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
16	1935873	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	13K000005	2	Tee	raccord T	T-Verbindungsstück	te	te
18	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
19	1937389	1	Tee	raccord T	T-Verbindungsstück	te	te
20	13K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
21	†41K000002	2	Plug	bouchon	Stopfen	bujão	tapón



6476TP

**CONTROLS-ARCH & GRAPPLE**  
**CONTRÔLES-ARCHE & GRAPPIN**  
**STEUERUNGEN-BOGEN & GREIFER**  
**CONTRÔLES-ARCO & GARRA**  
**MANDOS-ARCO & GARRA**

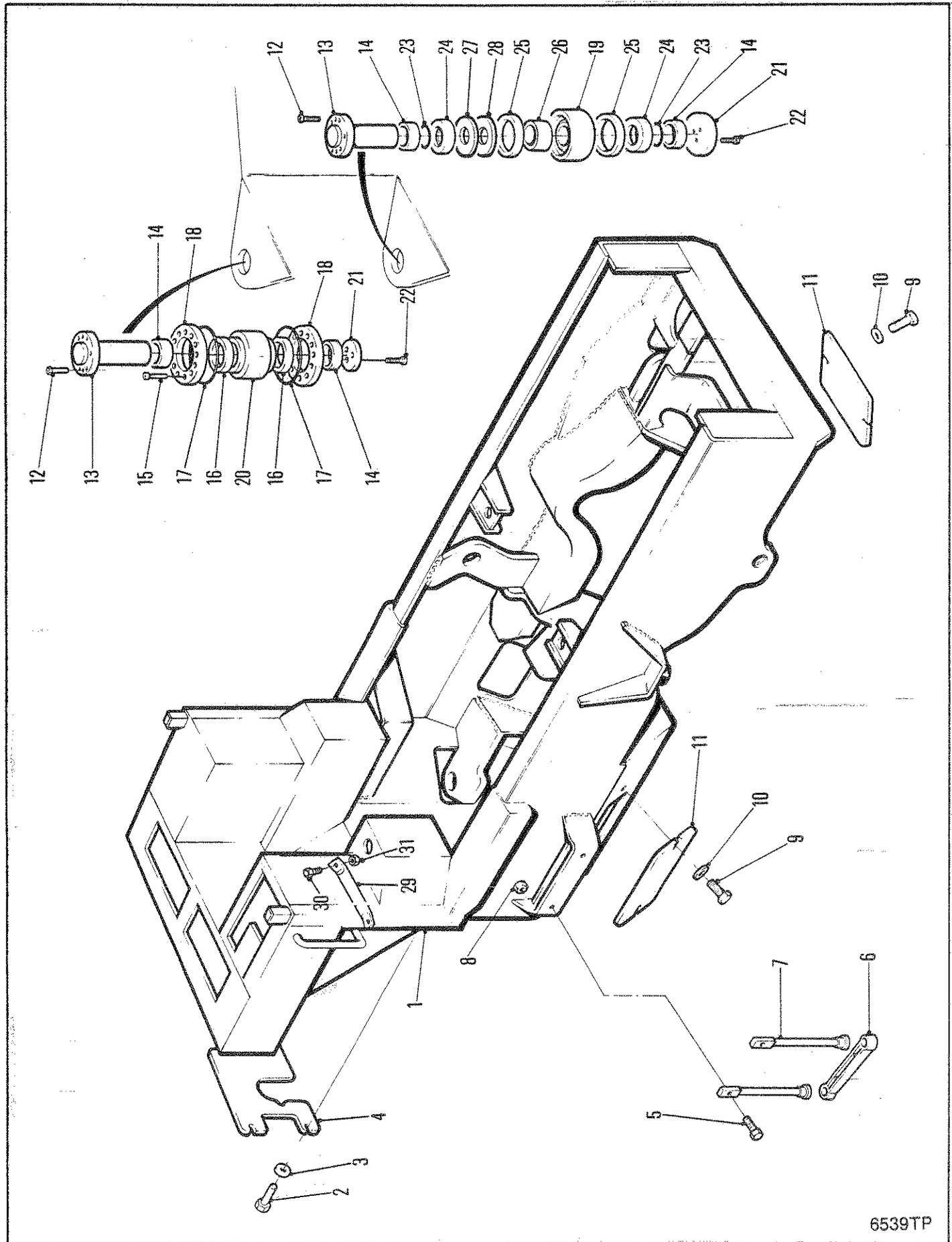
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	85D000008	2	Nut	écrou	Mutter	porca	tuerca
2	1935167	1	Rod	tige	Stange	varão	varilla
3	1935164	2	Bracket	support	Winkel	grampo	grampa
4	1935165	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	17C000616	2	Bolt	boulon	Boizen	parafuso	bulón
7	1F000310	6	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
8	1935173	1	Level LH	niveau G	Nivellier L	nível LE	nível LI
9	1935250	3	Grip	poignée	Griff	punho	mango
10	1935169	1	Lever	levier	Hebel	alavanca	palanca
11	1935171	1	Level LH	niveau G	Nivellier L	nível LE	nível LI
12	1935249	1	Link	articulation	Gelenk	articulação	articulación



6577TP

**GRAPPLE CONTROLS**  
**GRAPPIN COMMANDES**  
**GREIFERHUBARM BEDIENUNGSELEMENTE**  
**GARRAS CONTROLES**  
**AGARRE CONTROLS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	85D000008	2	Nut	écrou	Mutter	porca	tuerca
2	1936048	1	Bracket	support	Winkel	grampo	grampa
3	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
4	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
5	1F000310	8	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
6	1935249	4	Link	articulation	Gelenk	articulação	articulación
7	25E000015	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	1938611	1	Lever	levier	Hebel	alavanca	palanca
9	1935250	4	Grip	poignée	Griff	punho	mango
10	1935169	1	Lever	levier	Hebel	alavanca	palanca
11	1935171	1	Lever	levier	Hebel	alavanca	palanca
12	1935782	1	Lever	levier	Hebel	alavanca	palanca
13	1935165	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	1935164	1	Bracket	support	Winkel	grampo	grampa
15	1935783	1	Rod	tige	Stange	varão	varilla
16	2526489	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	1931789	1	Bearing	palier	Lager	mancal	cojinete



**FRONT FRAME  
CHÂSSIS AVANT  
VORDERRAHMEN  
CHASSI DIANTEIRO  
BASTIDOR DELANTERO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1932437	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
2	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
3	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
4	1923282	1	Plate	plaque	Platte	placa	placa
5	17C000864	4	Bolt	boulon	Bolzen	parafuso	bulón
6	1926075	2	Step	marche	Stufe	degrau	escalón
7	1932694	4	Cable	câble	Kabel	cabo	cable
8	59D000008	4	Nut	écrou	Mutter	porca	tuerca
9	17C001024	8	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000010	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	1938879	4	Cover	couvercle	Deckel	tampa	tapa
12	73G000824	12	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
13	1923916	2	Pin	goupille	Stift	pino	pasador
14	1922640	4	Sleeve	manchon	Muffe	luva	manguito
15	73G000616	24	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
16	1519195	2	Seal	joint étanchéité	Dichtung	vedador	sello
17	25K040516	2	O-ring	joint torique	O Ring	anel-O	anillo-O
18	1922638	2	Retainer	arrêtoir	Halterung	retentor	retén
19	1573309	1	Bushing	chemise	Buchse	bucha	buje
20	1923922	1	Bushing	chemise	Buchse	bucha	buje
21	1922643	2	Plate	plaque	Platte	placa	placa
22	74G000836	6	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
23	25K040200	2	O-ring	joint torique	O Ring	anel-O	anillo-O
24	59D000006	2	Nut	écrou	Mutter	porca	tuerca
25	1519196	2	Seal	joint étanchéité	Dichtung	vedador	sello
26	1922644	4	Sleeve	manchon	Muffe	luva	manguito
27	1937488	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
28	1937489	-	Shim	cale	Beilage	calço	planchita
29	1938463	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
31	1922637	1	Sleeve	manchon	Muffe	luva	manguito
32	1922636	1	Bushing	chemise	Buchse	bucha	buje

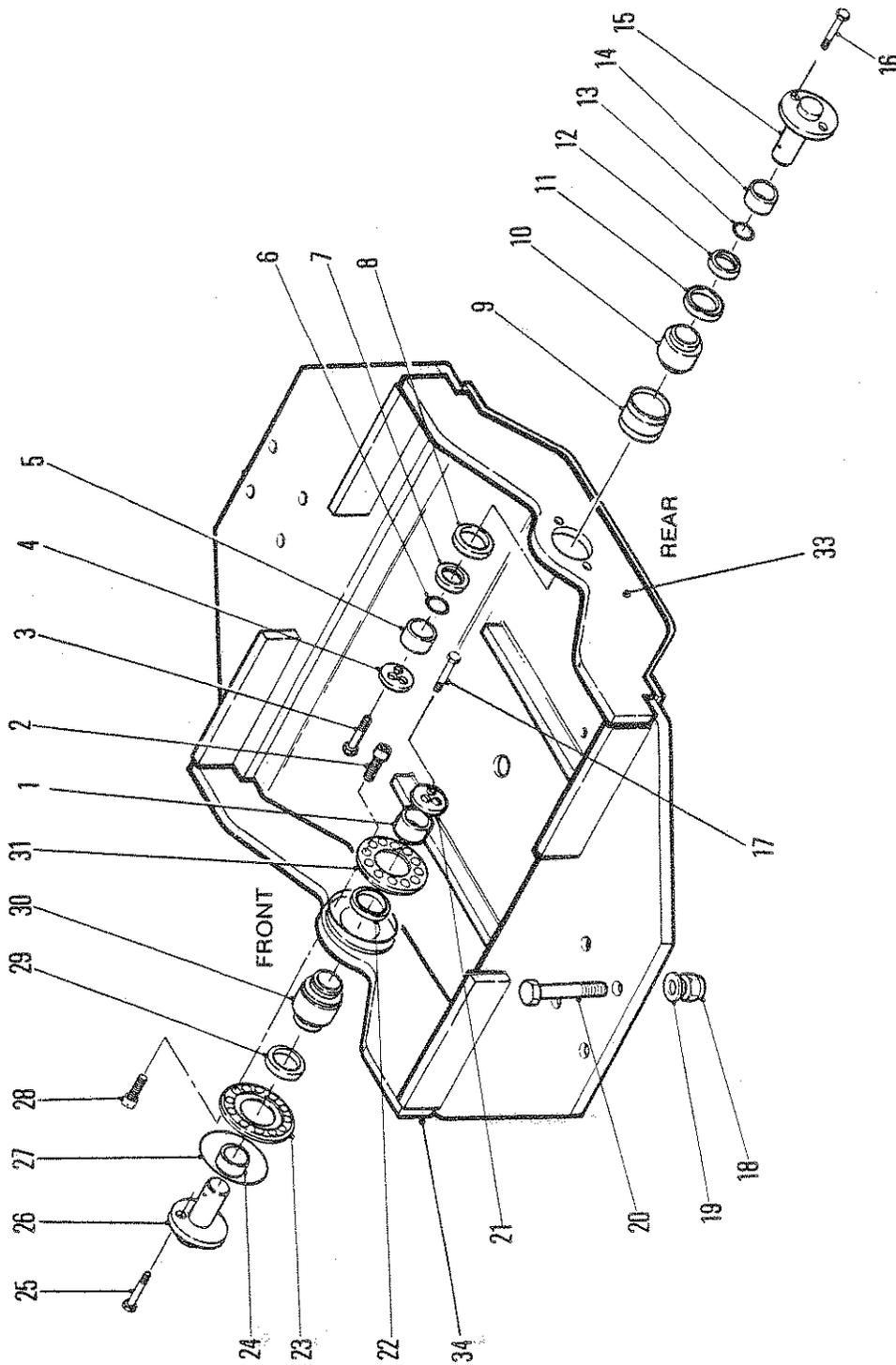
1 Inc 31 & 32

2 Ref S.B. Group 717, No. 02

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6214TP

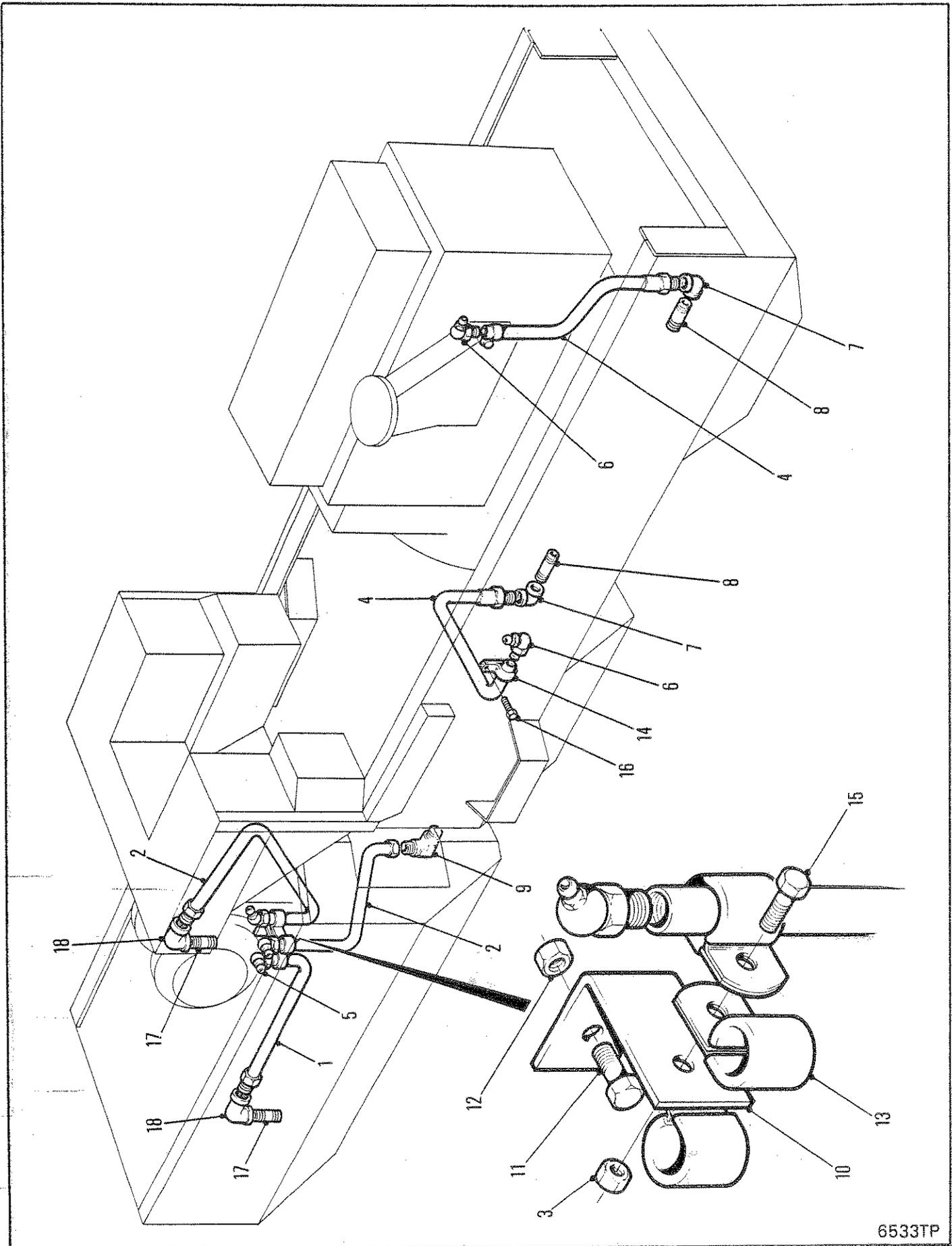
**AXLE CRADLE & MOUNTING  
ASSEMBLAGE ESSIEU & BERCEAU  
ACHSEN- & WIEGENBEFESTIGUNG  
MONTAGEM DO EIXO & ARMAÇÃO  
MONTADURA DE EJE & DE SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937957	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
1	1922640	1	Sleeve	manchon	Muffe	luva	manguito
2	73G000616	12	Bolt	boulon	Bolzen	parafuso	bulón
3	74G000836	3	Bolt	boulon	Bolzen	parafuso	bulón
4	1922643	1	Plate	plaque	Platte	placa	placa
5	1922640	1	Sleeve	manchon	Muffe	luva	manguito
6	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	1922646	1	Ring	anneau	Ring	anel	anillo
8	1519196	1	Seal	joint étanchéité	Dichtung	vedador	sello
9	1922644	1	Sleeve	manchon	Muffe	luva	manguito
10	1573309	1	Bushing	chemise	Buchse	bucha	buje
11	1519196	1	Seal	joint étanchéité	Dichtung	vedador	sello
12	1922646	1	Ring	anneau	Ring	anel	anillo
13	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
14	1922640	1	Sleeve	manchon	Muffe	luva	manguito
15	1923916	1	Pin	goupille	Stift	pino	pasador
16	73G000824	6	Bolt	boulon	Bolzen	parafuso	bulón
17	74G000836	3	Bolt	boulon	Bolzen	parafuso	bulón
18	85D000016	8	Nut	écrou	Mutter	porca	tuerca
19	1901761	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	17C016160	8	Bolt	boulon	Bolzen	parafuso	bulón
21	1922643	1	Plate	plaque	Platte	placa	placa
22	1519195	1	Seal	joint étanchéité	Dichtung	vedador	sello
23	1922638	1	Retainer	arrêtoir	Halterung	retentor	retén
24	1922640	1	Sleeve	manchon	Muffe	luva	manguito
25	73G000824	6	Bolt	boulon	Bolzen	parafuso	bulón
26	1923916	1	Pin	goupille	Stift	pino	pasador
27	25K040516	2	O-ring	joint torique	O Ring	anel-O	anillo-O
28	73G000616	12	Bolt	boulon	Bolzen	parafuso	bulón
29	1519195	1	Seal	joint étanchéité	Dichtung	vedador	sello
30	1923922	1	Bushing	chemise	Buchse	bucha	buje
31	1922638	1	Retainer	arrêtoir	Halterung	retentor	retén
32	1922640	1	Sleeve	manchon	Muffe	luva	manguito
33	1937954	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
34	1937953	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral

666CUM  
666CUMGR  
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666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6533TP

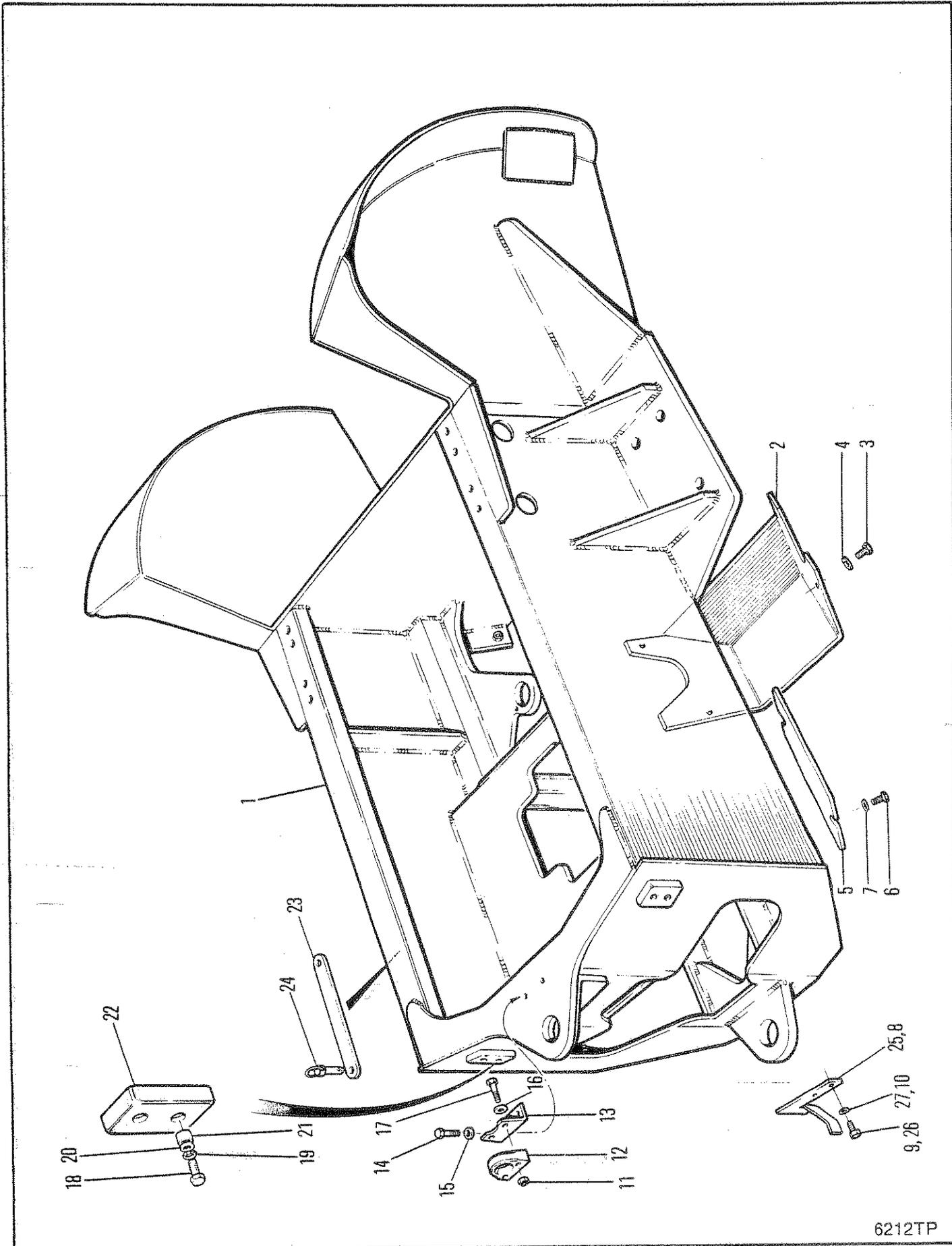
**GREASE LINES  
CIRCUITS DE GRAISSAGE  
SCHMIERFETT-LEITUNGEN  
TUBULAÇÕES DE GRAXA  
LINEAS DE ENGRASE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935355	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	1936342	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	85D000004	1	Nut	écrou	Mutter	porca	tuerca
4	1936342	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	11H000015	3	Nipple	raccord	Nippel	niple	niple
6	12H000015	2	Nipple	raccord	Nippel	niple	niple
7	32F000001	2	Elbow	coude	Winkelrohr	cotovêlo	codo
8	5K000110	2	Nipple	raccord	Nippel	niple	niple
9	24F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	1935353	1	Bracket	support	Winkel	grampo	grampa
11	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
12	85D000006	1	Nut	écrou	Mutter	porca	tuerca
13	30H000032	4	Clip	attache	Schelle	braçadeira	abrazadera
14	1935606	1	Clip	attache	Schelle	braçadeira	abrazadera
15	17C000414	1	Bolt	boulon	Bolzen	parafuso	bulón
16	17C000812	1	Bolt	boulon	Bolzen	parafuso	bulón
17	5K000106	2	Nipple	raccord	Nippel	niple	niple
18	24F000001	2	Elbow	coude	Winkelrohr	cotovêlo	codo

666CUM  
666CUMG  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
564A-101-CAC⇒564A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



6212TP

**REAR FRAME & MOUNTING**  
**CHÂSSIS ARRIÈRE & MONTAGE**  
**HINTERRAHMEN & MONTIERUNG**  
**ARMAÇÃO TRASEIRA & SUPORTE**  
**ARMAZON TRASERA & SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1-----	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
2	1930317	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caidero del eje
3	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
4	27E000012	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
5	1937203	2	Cover	couvercle	Deckel	tampa	tapa
6	17C001028	4	Bolt	boulon	Boizen	parafuso	bulón
7	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	1922714	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
9	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
10	†59D000008	4	Nut	écrou	Mutter	porca	tuerca
11	59D000008	2	Nut	écrou	Mutter	porca	tuerca
12	1907507	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
13	1931691	1	Bracket	support	Winkel	grampo	grampa
14	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
15	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
16	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	17C000840	2	Bolt	boulon	Boizen	parafuso	bulón
18	17C000828	4	Bolt	boulon	Bolzen	parafuso	bulón
19	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	27E000008	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
21	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
22	1903679	2	Stop	butoir	Anschlag	batente	tope
23	1916923	1	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
24	1317072	2	Faspin assy	assemblage faspin	Faspin vollst	cj do pino prend	conjunto horq
25	‡1935479	1	Bracket	support	Winkel	grampo	grampa
26	‡17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
27	‡27E000008	2	Washer	rondelle	Scheibe	arruela	arandela

† Contact Service Dept. if frame number is required.

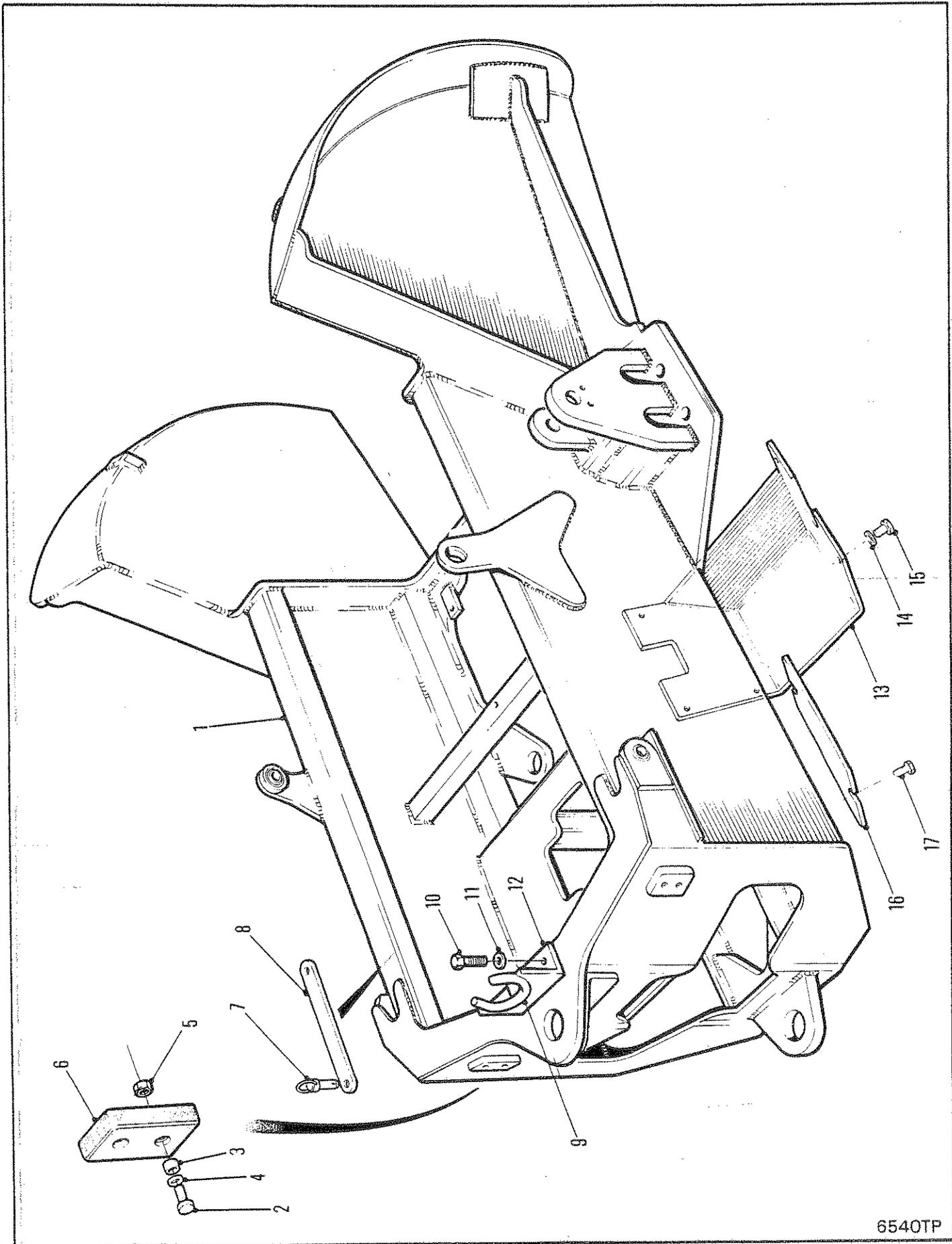
† Consultez le Service d'Entretien s'il vous faut le numéro de châssis.

† Wenden Sie sich an die Service-Abteilung falls Sie die Fahrgestell-nummer brauchen.

† Procure o Departamento de Serviço se o número do chassi é solicitado.

† Consulte con el Departamento de Servicio si se requiere el número del bastidor.

‡ □534E-407⇒411, 415-CAC&⇒, 535E-115⇒119, 126-CAC&⇒, 548A-501⇒515, 526-CAC&⇒, 556G-101-CAC&⇒



6540TP

**REAR FRAME & MOUNTING**  
**CHÂSSIS ARRIÈRE & MONTAGE**  
**HINTERRAHMEN & MONTIERUNG**  
**ARMAÇÃO TRASEIRA & SUPORTE**  
**ARMAZON TRASERA & SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1-----	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
2	17C000828	4	Bolt	boulon	Bolzen	parafuso	bulón
3	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
4	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
5	85D000008	4	Nut	écrou	Mutter	porca	tuerca
6	1903679	2	Stop	butoir	Anschlag	batente	tope
7	1317072	2	Faspin assy	assemblage faspin	Faspin vollst	cj do pino prend	conjunto horq
8	1916923	1	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
9	1935479	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
10	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
12	1931691	1	Bracket	support	Winkel	grampo	grampa
13	1934322	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
14	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
16	1937203	2	Cover	couvercle	Deckel	tampa	tapa
17	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
18	†27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana

† Contact Service Dept. if frame number is required.

† Consultez le Service d'Entretien s'il vous faut le numéro de châssis.

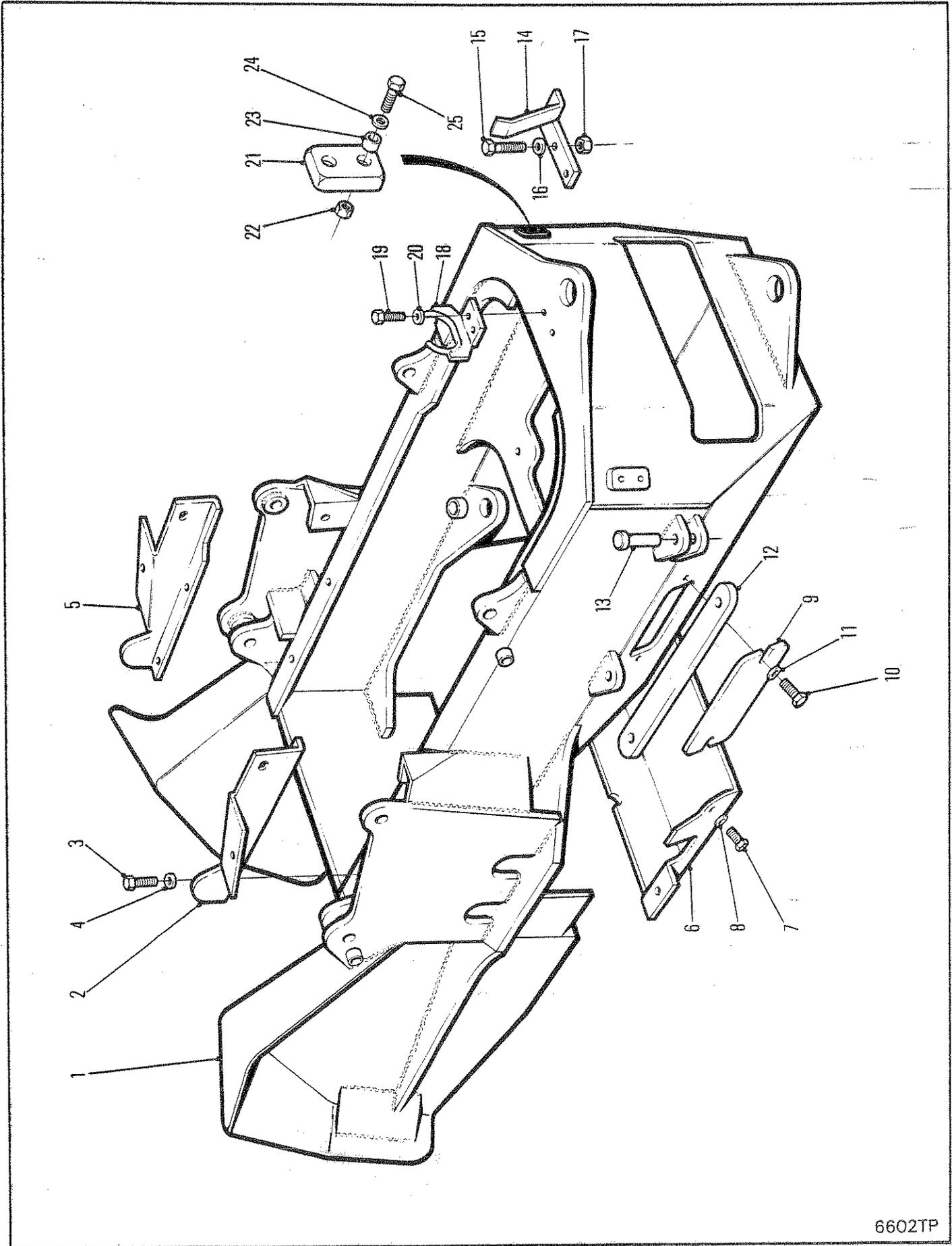
† Wenden Sie sich an die Service-Abteilung falls Sie die Fahrgestell-nummer brauchen.

† Procura o Departamento de Serviço se o número do chassi é solicitado.

† Consulte con el Departamento de Servicio si se requiere el número del bastidor.

666CUM  
 666CUMGR  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC



6602TP

**REAR FRAME & MOUNTING**  
**CHÂSSIS ARRIÈRE & MONTAGE**  
**HINTERRAHMEN & MONTIERUNG**  
**ARMAÇÃO TRASEIRA & SUPORTE**  
**ARMAZON TRASERA & SOPORTE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1-----	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
2	1935971	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
3	17C001232	8	Bolt	boulon	Bolzen	parafuso	bulón
4	27E000012	8	Washer	rondelle	Scheibe	arruela	arandela
5	1935972	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
6	1934322	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
7	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
8	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela
9	1913847	1	Cover	couvercle	Deckel	tampa	tapa
10	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela
12	1916923	1	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
13	1317072	2	Faspin	faspin	Faspin	pino prend	horq
14	1935479	1	Guard	protecteur	Schutz	proteção	protector
15	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
17	59D000008	2	Nut	écrou	Mutter	porca	tuerca
18	1931691	1	Bracket	support	Winkel	grampo	grampa
19	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
20	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
21	1903679	2	Stop	butoir	Anschlag	batente	tope
22	59D000008	4	Nut	écrou	Mutter	porca	tuerca
23	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
25	17C000828	4	Bolt	boulon	Bolzen	parafuso	bulón

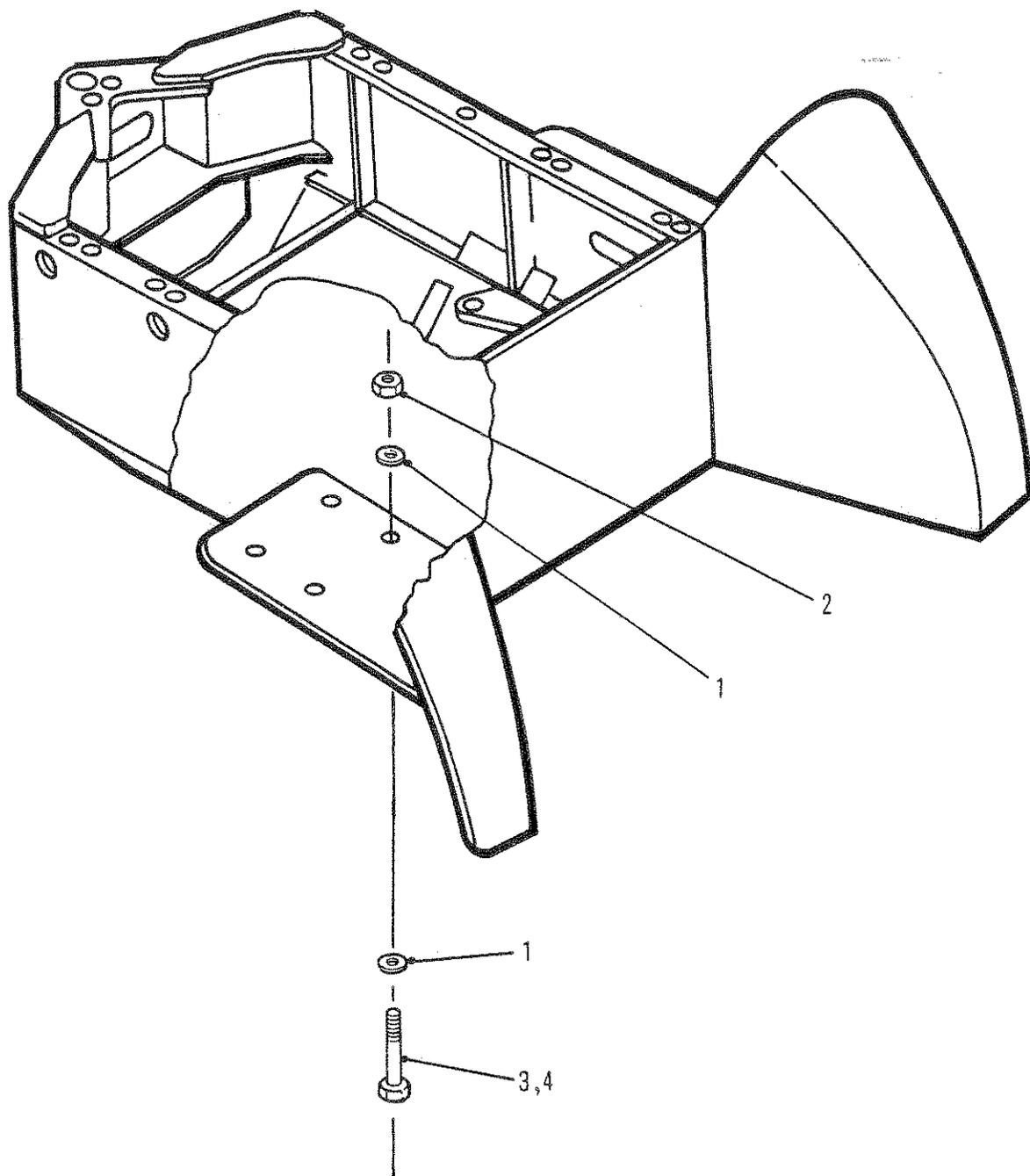
† Contact Service Dept. if frame number is required.

† Consultez le Service d'Entretien s'il vous faut le numéro de châssis.

† Wenden Sie sich an die Service-Abteilung falls Sie die Fahrgestell-nummer brauchen.

† Procure o Departamento de Serviço se o número do chassi é solicitado.

† Consulte con el Departamento de Servicio si se requiere el número del bastidor.



6455TP

**REAR AXLE MOUNTING**  
**MONTAGE DE L'ESSIEU ARRIÈRE**  
**HINTERACHSEN-MONTAGE**  
**SUORTE DO EIXO TRASEIRO**  
**SOPORTE DEL EJE TRASERO**

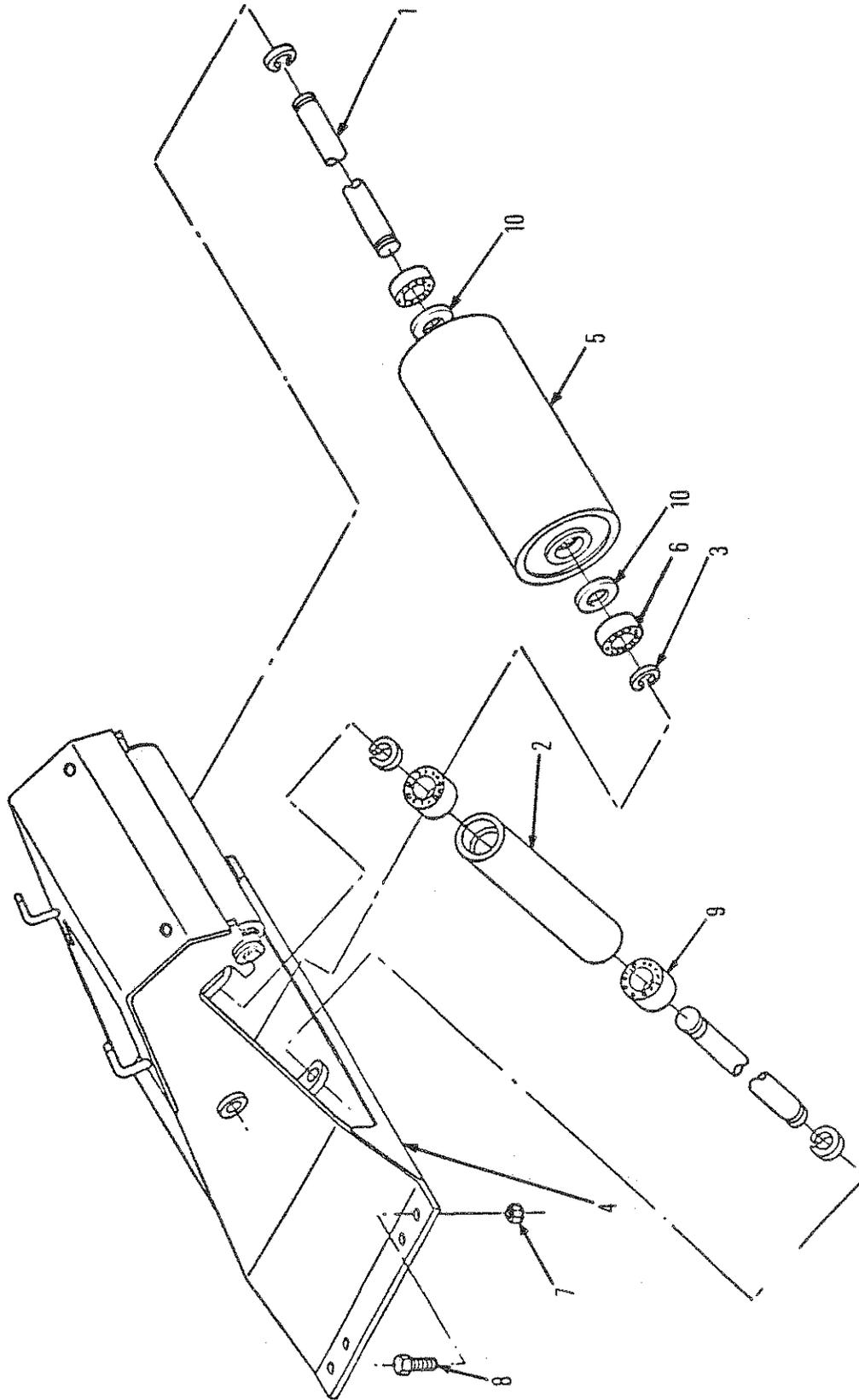
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	27E000016	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
2	95D000016	8	Nut	écrou	Mutter	porca	tuerca
3	18C016160	8	Bolt	boulon	Bolzen	parafuso	bulón
4	117C016152	8	Bolt	boulon	Bolzen	parafuso	bulón

1 □ 549A-101-CAC&⇒

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC

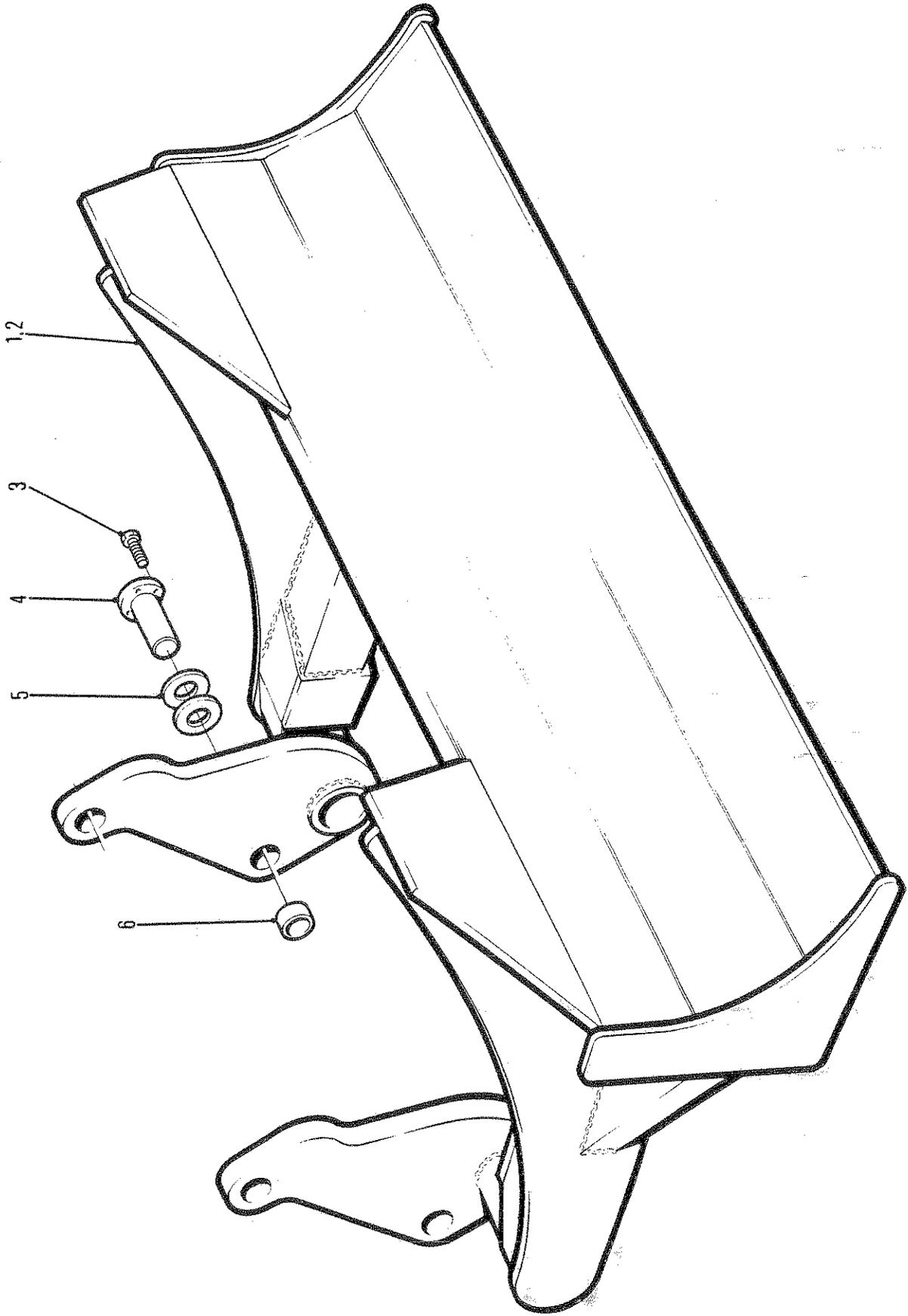


5528TP

**FAIRLEAD & MOUNTING** ☒  
**GUIDE - CÂBLE & MONTAGE** ☒  
**FÜHRUNGSROLLE & MONTAGE** ☒  
**RODA - GUIA & MONTAGEM** ☒  
**POLEA - GUIA & MONTURA** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1900194	4	Shaft	arbre	Welle	ávore	árbol
2	1901550	3	Roller	galet	Rolle	rolete	rodillo
3	1902877	8	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	1903465	1	Fairlead assy	ass du guide câble	Führungseinheit	cj cond cabo	conj pol guía
5	1937131	1	Roller	galet	Rolle	rolete	rodillo
6	1937132	2	Bearing	palier	Lager	mancal	cojinete
7	59D000012	8	Nut	écrou	Mutter	porca	tuerca
8	17C001252	8	Bolt	boulon	Bolzen	parafuso	bulón
9	1935453	6	Bearing	palier	Lager	mancal	cojinete
10	1937129	2	Spacer	entretoise	Distanzteil	espaçador	espaciador

- 1 Ref S.B. Group 965, No. 11, 9/86. Spacer is not required when servicing new roller.  
 1 Ref S.B. Group 965, No. 11, 9/86. La pièce d'espacement n'est pas nécessaire pour l'entretien d'un nouveau rouleau.  
 1 Ref S.B. Group 965, No. 11, 9/86. Distanzstück ist nicht notwendig für neue Rolle.  
 1 Ref S.B. Group 965, No. 11, 9/86. O espaçador não é necessário quando meter um cilindro novo.  
 1 Ref S.B. Group 965, No. 11, 9/86. La parte de distancia no está necesaria para una rueda nueva.



6355TP

**BLADE & MOUNTING  
PALE & MONTAGE  
SCHAUFEL & SCHAUFELMONTAGE  
LÂMINA & SUPORTE  
LAMINA & SOPORTE**

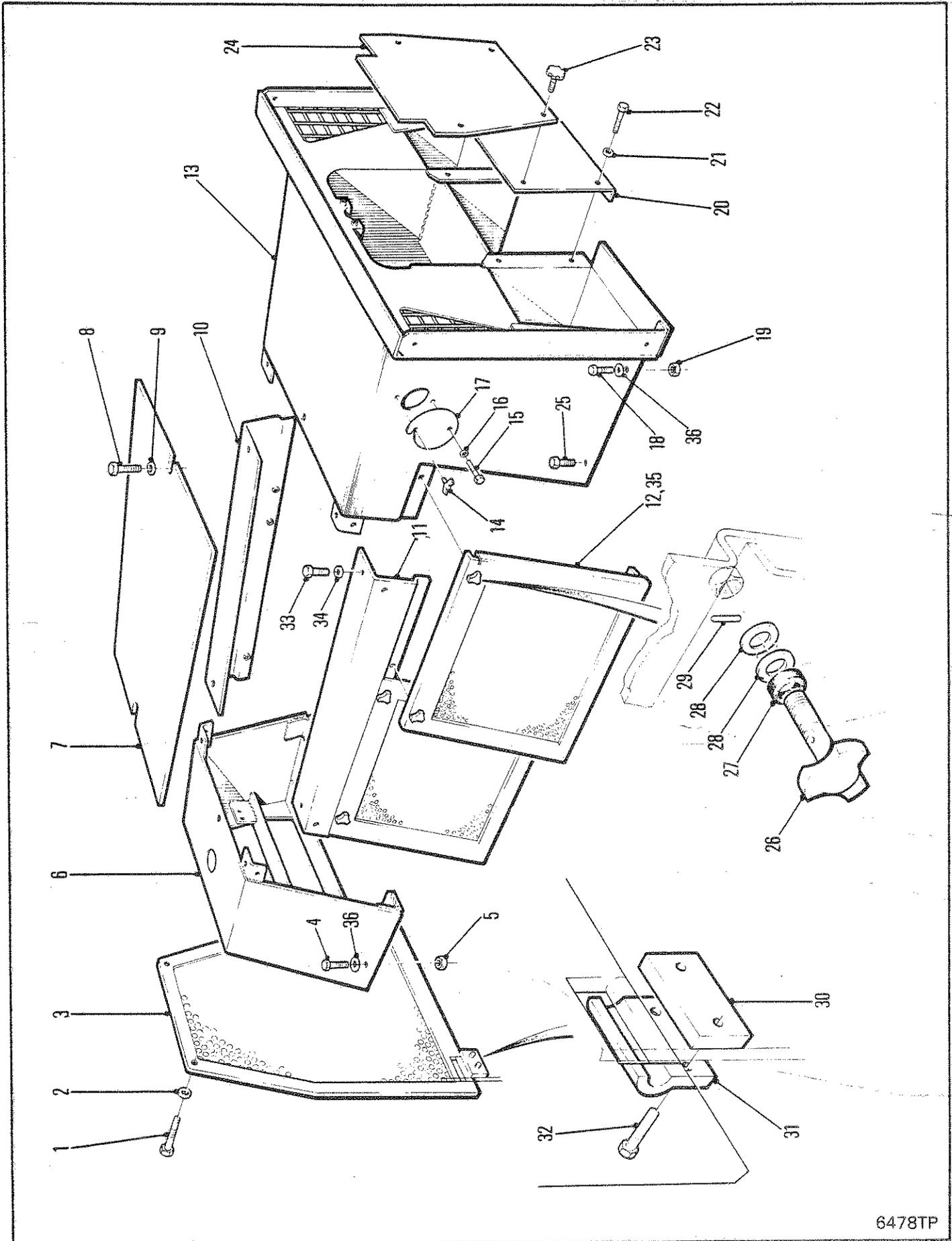
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1933082	1	Blade assy	ass de lame	Blatteinheit	conj de lâmina	disp de cuchilla
2	1934536	1	Blade assy	ass de lame	Blatteinheit	conj de lâmina	disp de cuchilla
3	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
4	1920461	2	Pin	goupille	Stift	pino	pasador
5	1900168	2	Washer	rondelle	Scheibe	arruela	arandela
6	1574466	2	Bushing	chemise	Buchse	bucha	buje

1 □549A-101-CAC&→

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC→559A-9999-CAC  
555A-101-CAC→555A-9999-CAC  
548A-101-CAC→548A-9999-CAC  
549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC  
552A-101-CAC→552A-9999-CAC



6478TP

**FIREWALL ASSEMBLY  
CLOISON PARE-FEU  
BRANDWAND-AUFBAU  
CONJUNTO DO PÁRA-FOGO  
CONJUNTO DEL CONTRAFUEGOS**

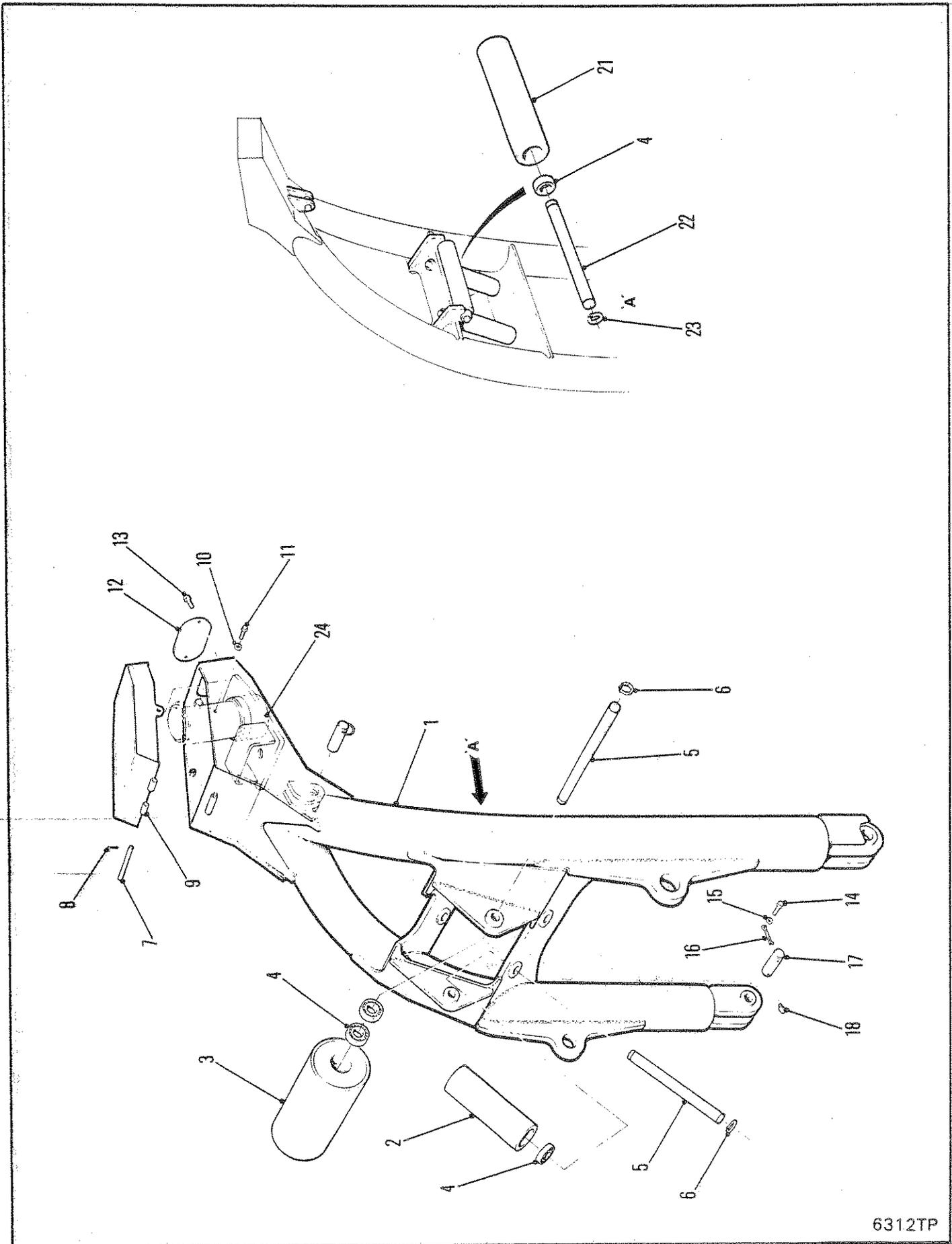
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2354558	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
3	1932801	1	Grille	grille	Grill	grade	careta
4	17C001040	4	Bolt	boulon	Bolzen	parafuso	bulón
5	59D000010	4	Nut	écrou	Mutter	porca	tuerca
6	1934004	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
6A	1937910	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
7	1935202	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
7A	1935886	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
8	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	1935201	1	Side rail RH	rail du côté D	Seitingeländer R	trilho lateral LD	riel lateral LD
11	1934026	1	Side rail LH	rail du côté G	Seitingeländer L	trilho lateral LE	riel lateral LI
12	1935212	4	Panel	panneau	Tafel	painel	panel
13	1935199	1	Firewall assy	ass du pare-feu	Brandschotteinheit	ci parede refrat	conj pared cotrfg
13A	1938703	1	Firewall	pare-feu	Brandschollern	parede refrat	pared cotrfg
14	1915267	2	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
15	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	1935185	2	Cover	couvercle	Deckel	tampa	tapa
18	17C001036	2	Bolt	boulon	Bolzen	parafuso	bulón
19	59D000010	4	Nut	écrou	Mutter	porca	tuerca
20	1932061	1	Panel	panneau	Tafel	painel	panel
20A	1939158	1	Cover	couvercle	Deckel	tampa	tapa
21	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
22	17C000612	2	Bolt	boulon	Bolzen	parafuso	bulón
23	1931568	4	Knob	bouton	Knopf	manípula	botón
24	1935192	1	Cover	couvercle	Deckel	tampa	tapa
24A	1939159	1	Cover	couvercle	Deckel	tampa	tapa
25	17C001036	2	Bolt	boulon	Bolzen	parafuso	bulón
26	1931189	8	Knob	bouton	Knopf	manípula	botón
27	1929619	8	Washer	rondelle	Scheibe	arruela	arandela
28	25E000022	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
29	14J001216	8	Pin	goupille	Stift	pino	pasador
30	1932401	2	Plate	plaque	Platte	placa	placa
31	1932802	2	Strap	bande	Band	faixa	banda
32	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000820	8	Bolt	boulon	Bolzen	parafuso	bulón
34	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
35	1936008	4	Panel	panneau	Tafel	painel	panel
36	27E000010	16	Washer	rondelle	Scheibe	arruela	arandela

1 □559B-101-CAC&⇒, 555B-101-CAC&⇒, 564B-101-CAC&⇒

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC

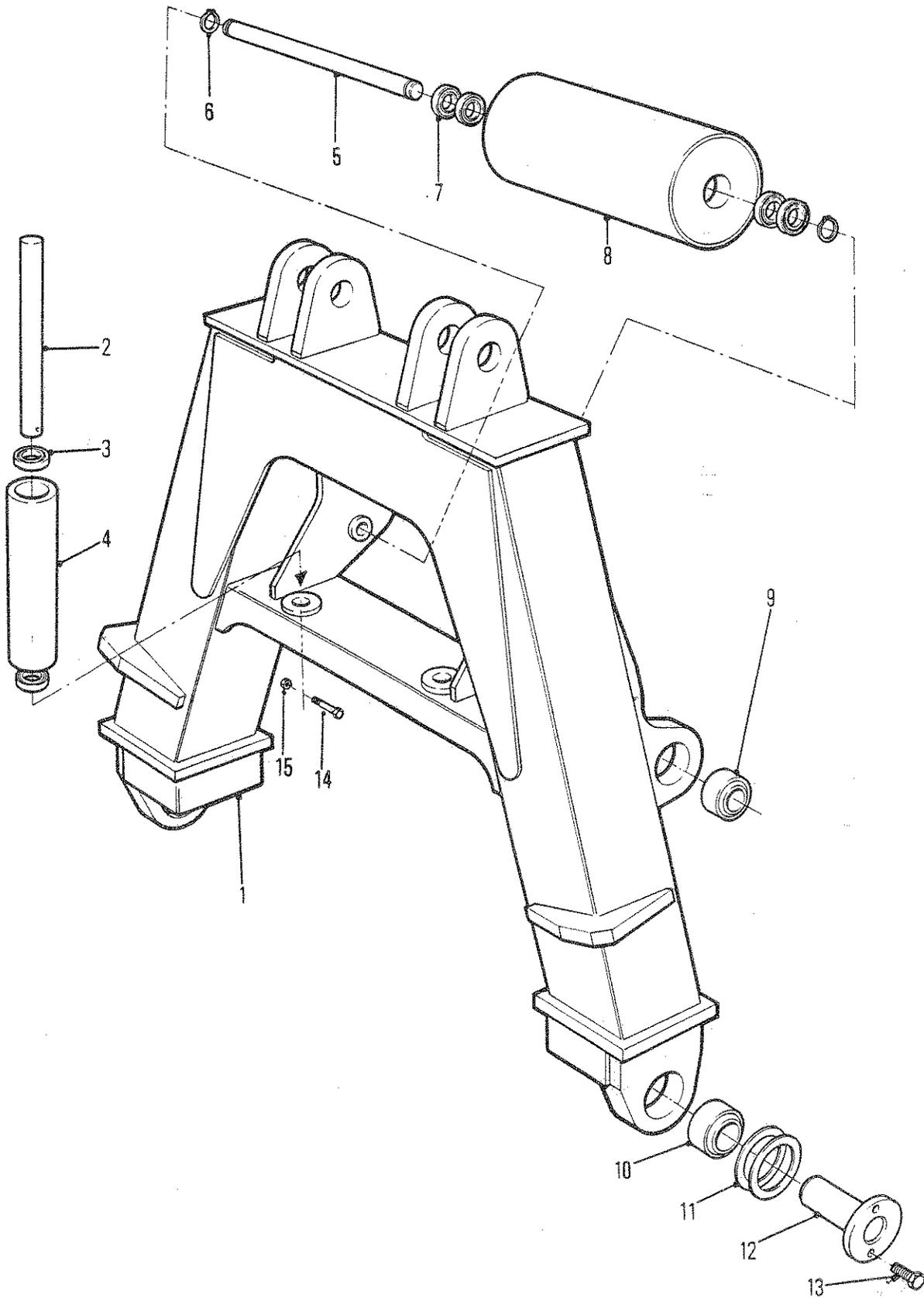


6312TP

**ARCH ASSEMBLY**  
**ASSEMBLAGE D'ARCHE**  
**BOGENEINHEIT**  
**CONJUNTO DE ARCO**  
**CONJUNTO DE ARCO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1937263	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
1A	1938080	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
2	1901550	2	Roller	galet	Rolle	rolete	rodillo
3	1903717	1	Roller	galet	Rolle	rolete	rodillo
4	1935453	10	Bearing	palier	Lager	mancal	cojinete
5	1900194	3	Shaft	arbre	Welle	ávore	árbol
6	1902877	6	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
7	1928874	1	Pin	goupille	Stift	pino	pasador
8	1F000416	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
9	1937212	1	Cover	couvercle	Deckel	tampa	tapa
10	27E000006	2	Washer	rondelle	Scheibe	arruela	arandela
11	18C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
12	1931313	1	Cover	couvercle	Deckel	tampa	tapa
13	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
14	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
15	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
16	586452	2	Pin	goupille	Stift	pino	pasador
17	1903262	2	Pin	goupille	Stift	pino	pasador
18	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
19	16F000002	2	Plug	bouchon	Stopfen	bujão	tapón
20	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	1901550	1	Roller	galet	Rolle	rolete	rodillo
22	1900194	1	Shaft	arbre	Weile	ávore	árbol
23	1902877	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
24	1937234	1	Housing	botier	Gehuse	carcaça	carcasa

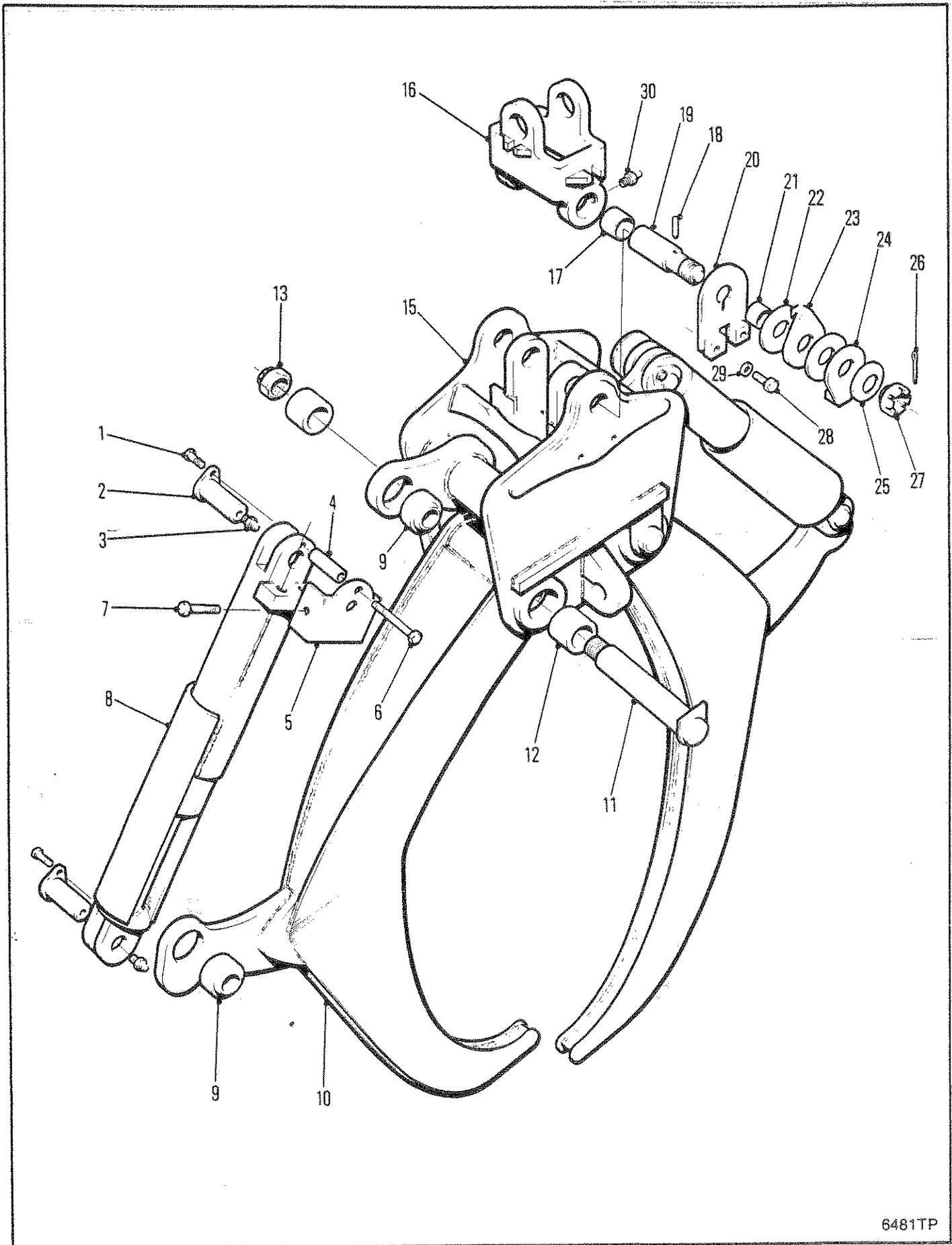
1 □555B-101-CAC&→



6600TP

**ARCH ASSEMBLY**  
**ASSEMBLAGE D'ARCHE**  
**BOGENEINHEIT**  
**CONJUNTO DE ARCO**  
**CONJUNTO DE ARCO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935763	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
2	1935071	2	Shaft	arbre	Welle	ávore	árbol
3	1935453	4	Bearing	palier	Lager	mancal	cojinete
4	1901550	2	Roller	galet	Rolle	rolete	rodillo
5	1900194	1	Shaft	arbre	Welle	ávore	árbol
6	1902877	2	Retainer	arrêtoir	Halterung	retentor	retén
7	1935453	4	Bearing	palier	Lager	mancal	cojinete
8	1903717	1	Roller	galet	Rolle	rolete	rodillo
9	1574466	2	Bushing	chemise	Buchse	bucha	buje
10	1573309	2	Bushing	chemise	Buchse	bucha	buje
11	1905176	-	Shim	cale	Beilage	caço	planchita
12	1932369	2	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador
13	17C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
14	17C000648	2	Bolt	boulon	Bolzen	parafuso	bulón
15	85D000006	2	Nut	écrou	Mutter	porca	tuerca



6481TP

**GRAPPLE ASSEMBLY-70 IN -1,79 MM**  
**ENSEMBLE DE GRAPPIN-70 IN -1,79 MM**  
**GREIFER-BAUGRUPPE-70 IN -1,79 MM**  
**CONJUNTO DE GARRA-70 IN -1,79 MM**  
**CONJUNTO DE GARRA-70 IN -1,79 MM**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1929380	4	Pin	goupille	Stift	pino	pasador
3	10H000025	4	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
4	1931736	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	1931719	2	Cover	couvercle	Deckel	tampa	tapa
6	17C000872	2	Bolt	boulon	Bolzen	parafuso	bulón
7	17C000888	2	Bolt	boulon	Bolzen	parafuso	bulón
8	0-----	2	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
9	1574466	2	Bushing	chemise	Buchse	bucha	buje
10	1932834	2	Arm	bras	Arm	braço	brazo
11	1927298	2	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador
12	1928727	4	Bushing	chemise	Buchse	bucha	buje
13	595096	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
14	†12H000015	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
15	1935466	1	Grapple box	boîte de grappin	Greiferkasten	Caixa de garras	Caja de agarre
16	<sup>1,2</sup> 1938217	1	Yoke	chape	Joch	garfo	horqueta
17	<sup>1,2</sup> 1937484	2	Bushing	chemise	Buchse	bucha	buje
18	1932932	2	Pin	goupille	Stift	pino	pasador
19	1935452	2	Pin	goupille	Stift	pino	pasador
20	1935448	2	Plate	plaque	Platte	placa	placa
21	1932931	2	Bushing	chemise	Buchse	bucha	buje
22	1935046	4	Disc	disque	Scheibe	disco	disco
23	1935450	2	Plate	plaque	Platte	placa	placa
24	1935451	2	Plate	plaque	Platte	placa	placa
25	1934011	2	Spring	ressort	Feder	mola	resorte
26	1F000440	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
27	1935436	2	Nut	écrou	Mutter	porca	tuerca
28	17C000828	8	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000008	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
30	10H000035	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

<sup>1</sup> Yoke 1935435 has a 2.25" dia. bore replace with 1937495 Yoke and 1937484 Bushing.

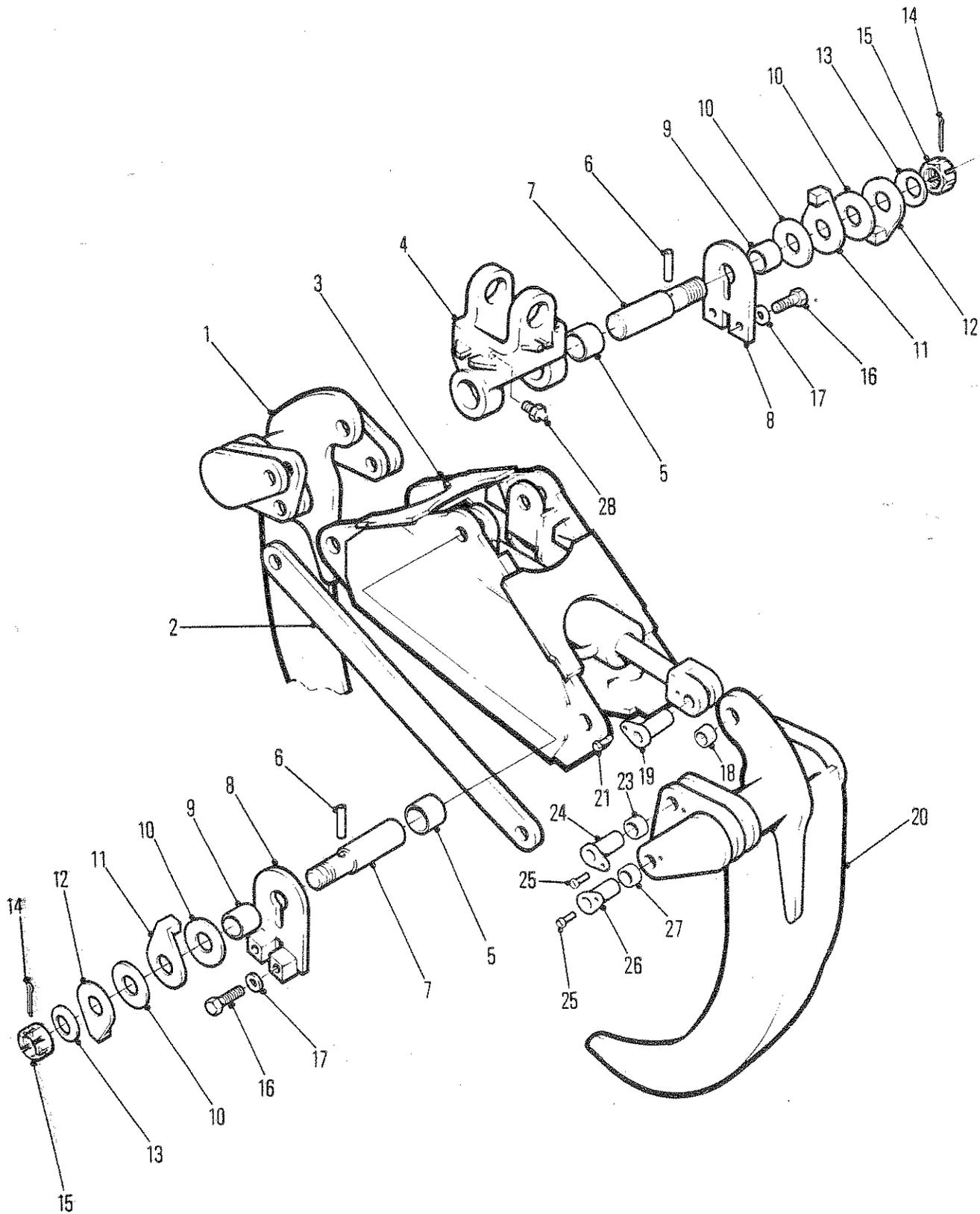
<sup>1</sup> La chape 1935435 a un alésage de 2.25" de dia. Remplacez par la chape 1937495 et le manchon 1937484.

<sup>1</sup> Gabelgelenk 1935435 hat eine Bohrung von 2.25". Zum Auswechseln Gabelgelenk 1937495 und Lagerfutter 1937484.

<sup>1</sup> A junta 1935435 tem um diâmetro de 2.25 polegadas substituído pela junta 1937495 e casquilho 1937484.

<sup>1</sup> La horquilla 1935435 tiene un agujero de 2.25" en diámetro. Substituir por horquilla 1937495 y forro 1937484.

<sup>2</sup> Ref. S.B. Group 965, No. 07, 9/86.



6531TP

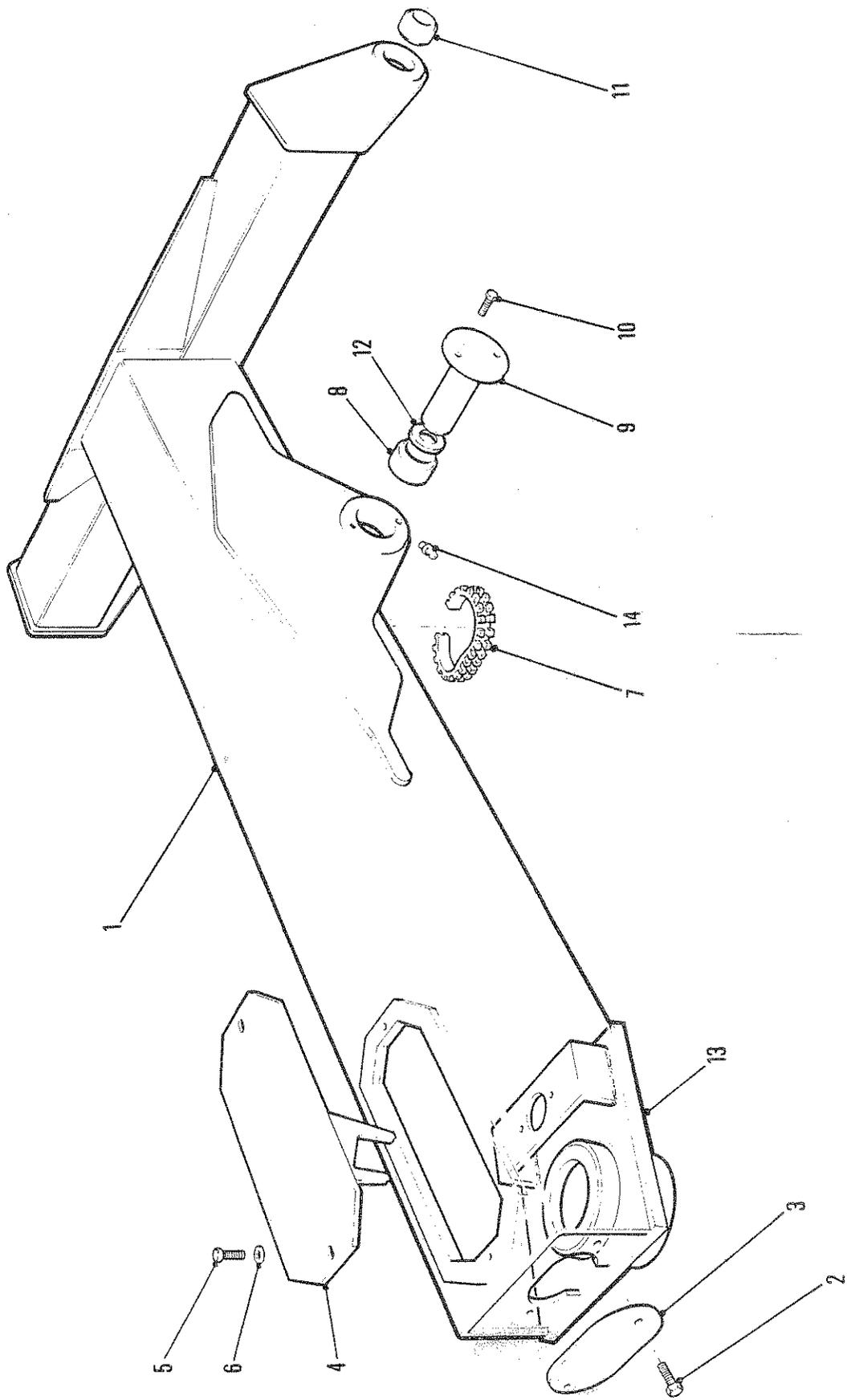
**GRAPPLE ASSEMBLY-105 IN -2,68 M**  
**ENSEMBLE DE GRAPPIN-105 IN -2,68 M**  
**GREIFER-BAUGRUPPE-105 IN -2,68 M**  
**CONJUNTO DE GARRA-105 IN -2,68 M**  
**CONJUNTO DE GARRA-105 IN -2,68 M**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1931500	1	Arm assy LH	assemblage bras G	Armeinheit L	conj do braço LE	estructura brazo LI
2	1934673	1	Bar	barre	Stange	barra	barra
3	1935468	1	Box	bote	Kasten	caixa	caja
4	2,3 <sup>1</sup> 1937495	1	Yoke	chape	Joch	garfo	horqueta
5	2,3 <sup>1</sup> 1937484	4	Bushing	chemise	Buchse	bucha	buje
6	1932932	4	Pin	goupille	Stift	pino	pasador
7	1935452	4	Pin	goupille	Stift	pino	pasador
8	1935448	4	Locking plate	plaque darrêt	Schlossblech	placa de trava	chapa de seguridad
9	1932931	4	Bushing	chemise	Buchse	bucha	buje
10	1935046	8	Disc	disque	Scheibe	disco	disco
11	1935450	4	Plate-inner	plaque-interne	Blech-inneres	placa-interior	chapa-interior
12	1935451	4	Plate-outer	plaque-externe	Blech-äusseres	placa-exterior	chapa-exterior
13	1934011	4	Spring	ressort	Feder	mola	resorte
14	1F000440	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
15	1935436	2	Nut	écrou	Mutter	porca	tuerca
16	17C000828	8	Bolt	bouion	Bolzen	parafuso	bulón
17	27E000008	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
18	1932407	2	Bushing	chemise	Buchse	bucha	buje
19	1932083	2	Pin	goupille	Stift	pino	pasador
20	1931501	1	Arm assy RH	assemblage bras D	Armeinheit R	conj do braço LD	estructura brazo LD
21	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
23	1905553	2	Bushing	chemise	Buchse	bucha	buje
24	1932085	2	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador
25	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
26	1932089	2	Pin	goupille	Stift	pino	pasador
27	1932408	2	Bushing	chemise	Buchse	bucha	buje
28	10H000035	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

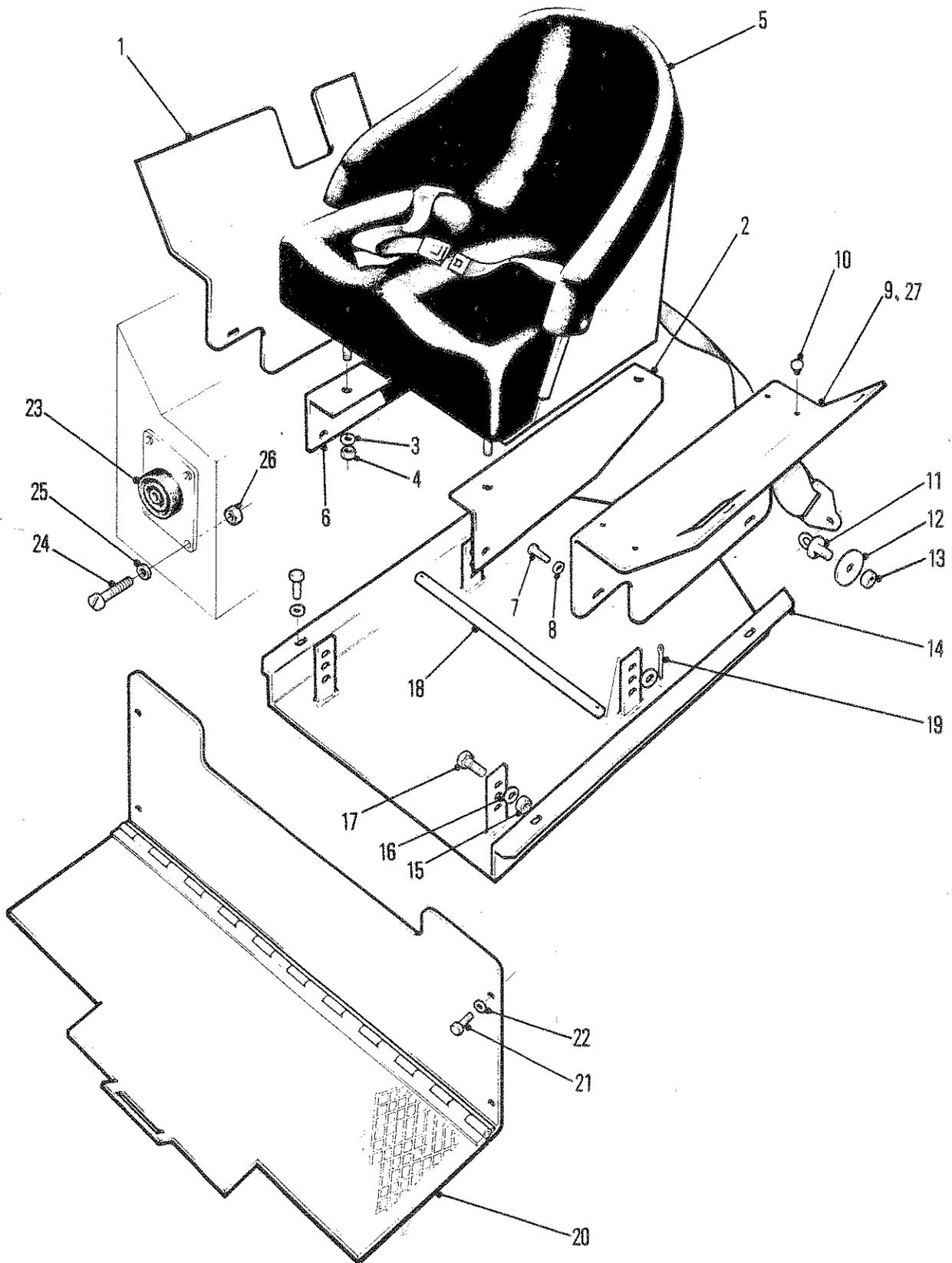
- <sup>1</sup> Use Loctite 271 on threads to prevent loosening. Ref S.B. Group 965, No. 07, 9/86.  
<sup>1</sup> Utiliser Loctite 271 sur les filets pour éviter qu'ils se desserrent. Ref.S.B. Group 965, No. 07, 9/86.  
<sup>1</sup> Locite 271 aufGewinde auftragen, um Lockerung zu vermeiden. Ref S.B. Group 965, No. 07, 9/86.  
<sup>1</sup> Usar Loctite 271 sobre rosca, para evitar afrouxamento. Ref S.B. Group 965, No. 07, 9/86.  
<sup>1</sup> Usar Loctite 271 sobre rosca para evitar que se suelte. Ref S.B. Group 965, No. 07, 9/86.

- <sup>2</sup> Yoke 1935345 has a 2.25" dia. bore replace with 1937495 Yoke and 1937484 Bushing.  
<sup>2</sup> La chape 1935345 a un alésage de 2.25" de dia. Remplacez par la chape 1937495 et le manchon 1937484.  
<sup>2</sup> Gabelgelenk 1935345 hat eine Bohrung von 2.25". Zum Auswechseln Gabelgelenk 1937495 und Lagerfutter 1937484.  
<sup>2</sup> A junta 1935345 tem um diâmetro de 2.25 polegadas substituído pela junta 1937495 e casquilho 1937484.  
<sup>2</sup> La horquilla 1935345 tiene un agujero de 2.25" en diámetro. Substituir por horquilla 1937495 y forro 1937484.

- <sup>3</sup> Ref. RSG 313D.



6603TP



6485TP

**BOOM ASSEMBLY**  
**FLÈCHE ENSEMBLE**  
**HUBARM VOLLSTANDIG**  
**BRAÇO CONJUNTO**  
**AGUILÓN CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935808	1	Boom assy	flèche ens	Hubarm vollst	braço conj	aguilón conj
2	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
3	1931313	1	Cover	couvercle	Deckel	tampa	tapa
4	1935617	1	Cover	couvercle	Deckel	tampa	tapa
5	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
6	27E000006	2	Washer	rondelle	Scheibe	arruela	arandela
7	1937647	1	Grommet	oillet	Augenring	ilhó	arandela pasacable
8	1573309	2	Bushing	chemise	Buchse	bucha	buje
9	1932369	2	Pin	goupille	Stift	pino	pasador
10	17C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
11	1574466	2	Bushing	chemise	Buchse	bucha	buje
12	1905176	-	Shim	cale	Beilage	caíço	planchita
13	1936274	1	Housing	botier	Gehuse	carcaça	carcasa
14	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

**FLOORBOARD & SEAT SUPPORT  
 PLANCHER & SUPPORT DU SIÈGE  
 BODENPLATTE & SITZSTUTZE  
 SUPORTE ASSOALHO & ASSENTO  
 SOPORTE PISO & ASIENTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935348	1	Cover	couvercle	Deckel	tampa	tapa
2	1935390	1	Support RH	support CD	Abstützung R	suporte LD	soporte LD
3	25E000016	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	85D000005	4	Nut	écrou	Mutter	porca	tuerca
5	○-----	1	Seat	sige	Sitz	assento	asiento
6	1935389	1	Support LH	support CG	Abstützung L	suporte LE	soporte LI
7	17C000616	8	Bolt	bouion	Bolzen	parafuso	bulón
8	27E000006	8	Washer	rondelle	Scheibe	arruela	arandela
9	1935347	1	Cover	couvercle	Deckel	tampa	tapa
10	1935048	4	Plug	bouchon	Stopfen	bujão	tapón
11	2522745	2	Bolt	bouion	Bolzen	parafuso	bulón
12	2522744	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	86D000007	2	Nut	écrou	Mutter	porca	tuerca
14	1935387	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
15	85D000008	2	Nut	écrou	Mutter	porca	tuerca
16	27E000006	2	Washer	rondelle	Scheibe	arruela	arandela
17	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
18	<sup>2</sup> 1936493	1	Pin	goupille	Stift	pino	pasador
19	1F000412	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
20	1935214	1	Floor plate, front	base avant	Vordere Bodenplatte	frente de chapa do piso	placa del piso frontal
21	17C000612	4	Bolt	boulon	Bolzen	parafuso	bulón
22	619021	4	Washer	rondelle	Scheibe	arruela	arandela
23	1934339	1	Boot	capuchon	Kappe	capuz	capuchón
24	85G000810	4	Screw	vis	Schraube	parafuso	tornillo
25	25E000008	8	Washer	rondelle	Scheibe	arruela	arandela
26	12D000008	4	Nut	écrou	Mutter	porca	tuerca
27	1935691	1	Cover	couvercle	Deckel	tampa	tapa

1 □ 548A-101-CAC&⇒

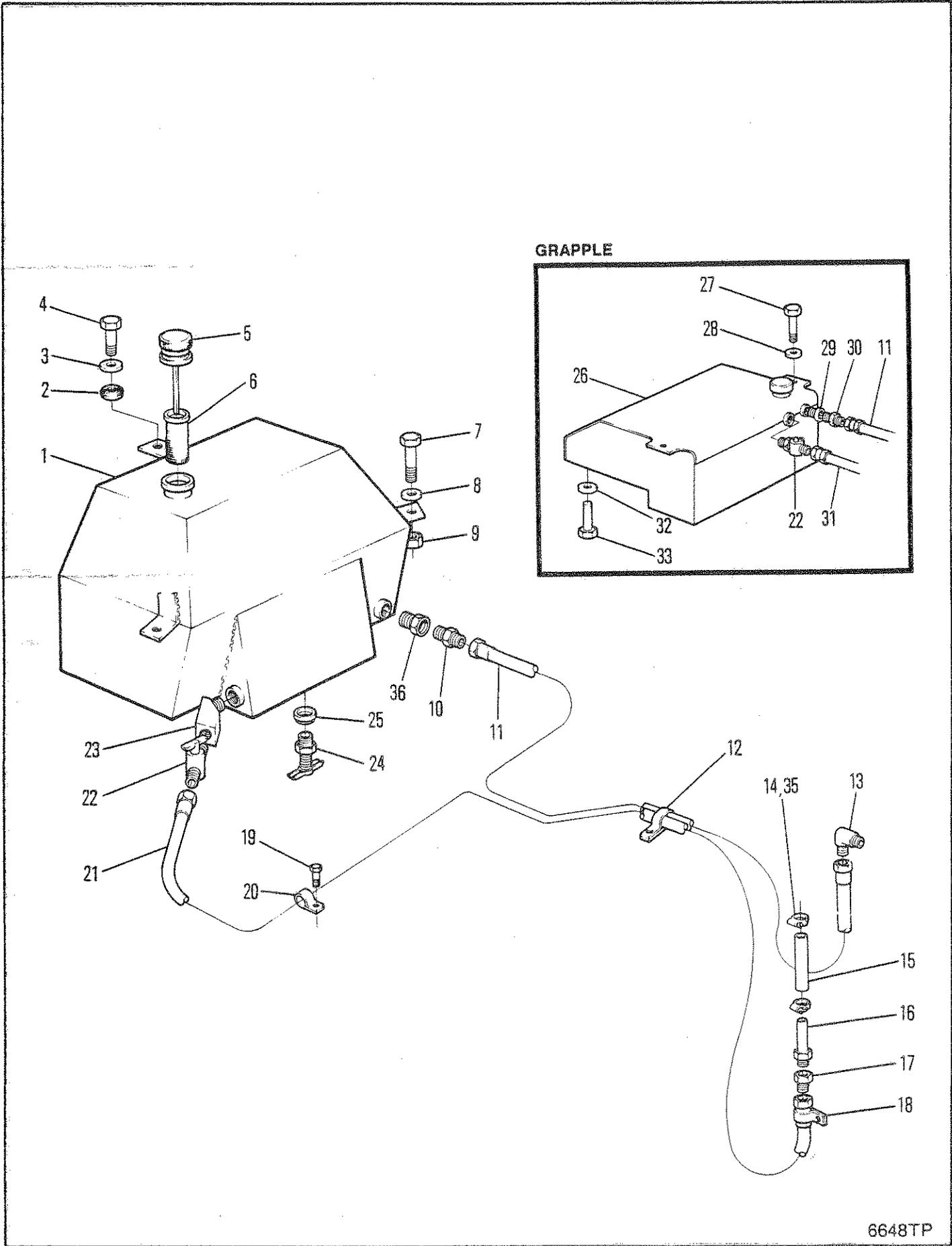
2 □ 552A-101-CAC&⇒

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC

552A-101-CAC⇒552A-9999-CAC

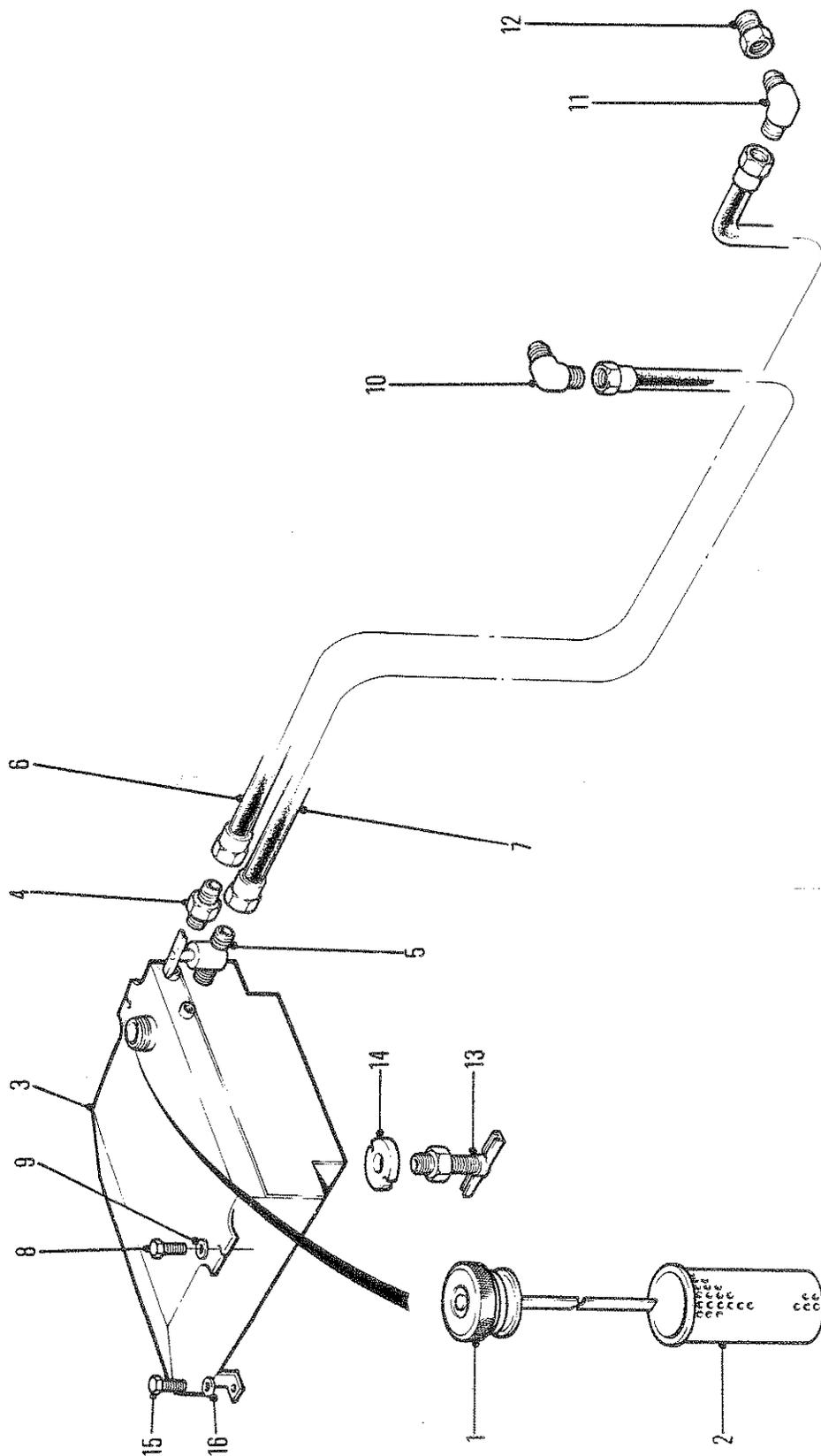


6648TP

**FUEL TANK & LINES**  
**RÉSERVOIR DE CARBURANT & CANALISATION**  
**KRAFTSTOFFTANK & LEITUNGEN**  
**TANQUE DE COMBUSTÍVEL & TUBULAÇÕES**  
**DEPÓSITO & LÍNEAS DE COMBUSTIBLE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935866	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
2	664871	1	Pad	tampon	Polster	almofada	almohadilla
3	25E000026	1	Fiatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
4	17C001032	1	Bolt	boulon	Bolzen	parafuso	bulón
5	1558644	1	Cap	chapeau	Kappe	tampa	tapa
6	943957	1	Strainer	tamis	Sieb	coador	tamiz
7	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
8	664871	2	Pad	tampon	Polster	almofada	almohadilla
9	59D000010	2	Nut	écrou	Mutter	porca	tuerca
10	38F000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
11	1937340	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
12	31H000047	1	Clip	attache	Schelle	braçadeira	abrazadera
13	524657	1	Fitting	ajustage	Verbindung	ajuste	accesorio
14	6515575	2	Clip	attache	Schelle	braçadeira	abrazadera
15	1317062	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	2388986	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
17	93F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
18	30H000050	1	Clip	attache	Schelle	braçadeira	abrazadera
19	18C0000614	1	Bolt	boulon	Bolzen	parafuso	bulón
20	30H000050	1	Clip	attache	Schelle	braçadeira	abrazadera
21	1927230	1	Hose supply	tuyau alimentation	Schlauchzufuhr	suprimento mangueira	suministro manguera
22	358394	1	Shut-off valve	soupape darrêt	Abstellventil	válvula de corte	válv de cierre
23	81F000002	1	Eibow	coude	Winkelrohr	cotovêlo	codo
24	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
25	565295	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	1935291	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
27	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
28	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
29	19F000002	1	Fitting	ajustage	Verbindung	ajuste	accesorio
30	89F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
31	1935206	1	Hose supply	tuyau alimentation	Schlauchzufuhr	suprimento mangueira	suministro manguera
32	27E000008	1	Washer	rondelle	Scheibe	arruela	arandela
33	17C000820	1	Bolt	boulon	Bolzen	parafuso	bulón
34	†525293	1	Magnet	aimant	Magnet	imã	imán
35	†6515572	2	Clamp	pince	Schelle	braçadeira	abrazadera
36	19F000003	1	Reducer	réducteur	Reduzierstück	reductor	reductor

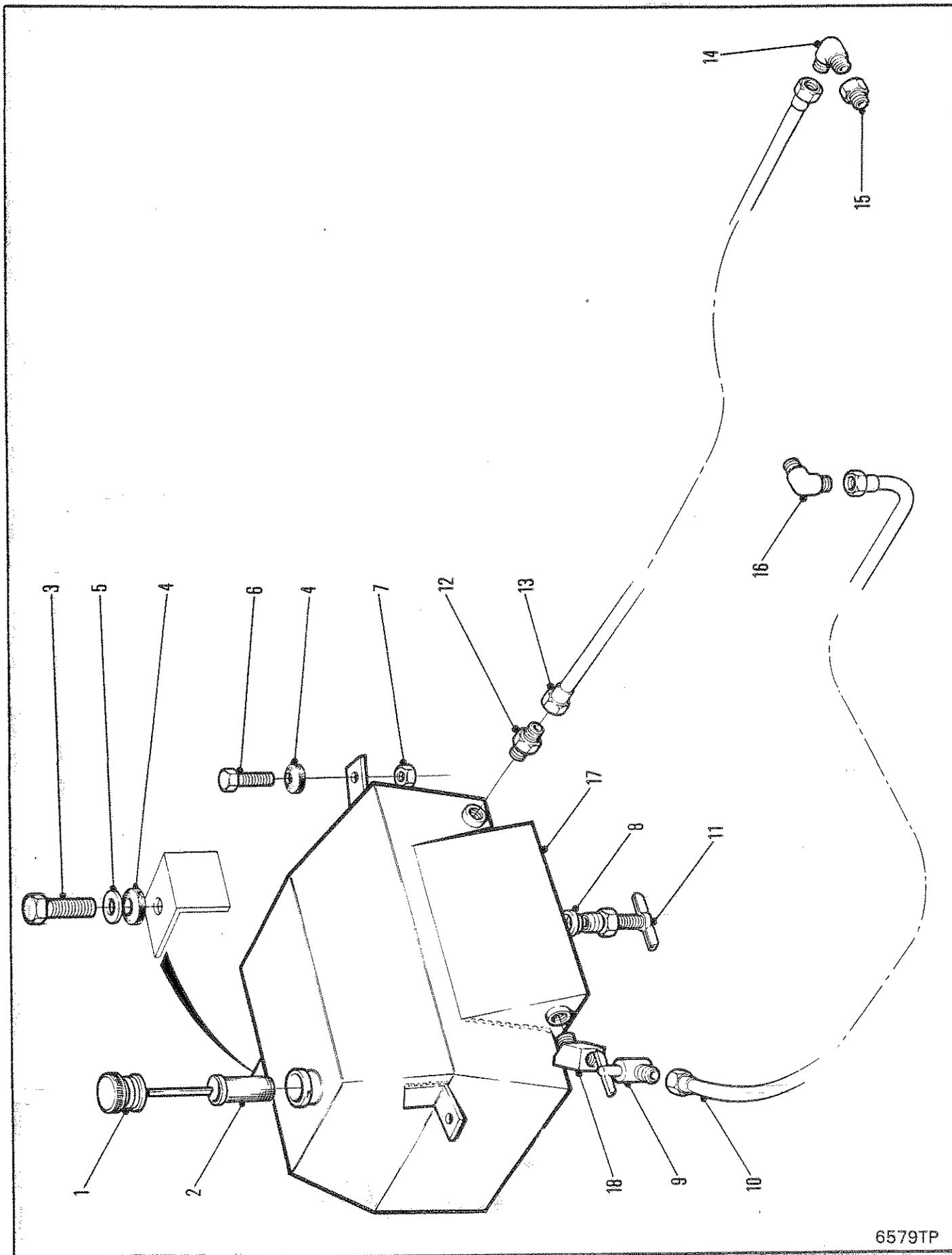
† 666Gr



6541TP

**FUEL TANK & LINES**  
**RÉSERVOIR DE CARBURANT & CANALISATION**  
**KRAFTSTOFFTANK & LEITUNGEN**  
**TANQUE DE COMBUSTÍVEL & TUBULAÇÕES**  
**DEPÓSITO & LINEAS DE COMBUSTIBLE**

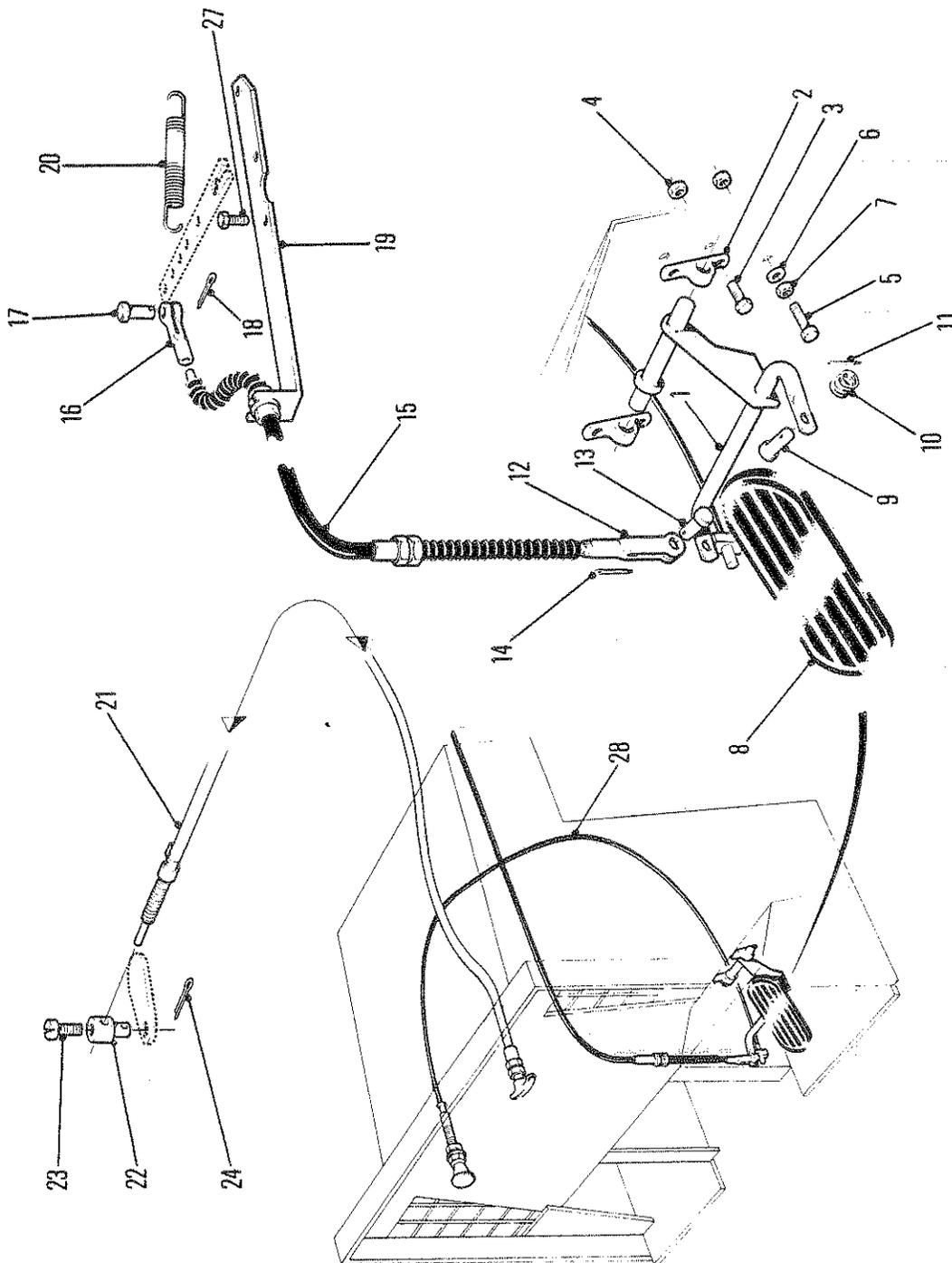
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1558644	1	Cap	chapeau	Kappe	tampa	tapa
2	943957	1	Strainer	tamis	Sieb	coador	tamiz
3	1935291	1	Tank assy	ass du réservoir	Tankeinheit	conj do tanque	conjunto tanque
4	38F000009	1	Fitting	ajustage	Verbindung	ajuste	acessorio
5	358394	1	Vaive	soupape	Ventil	válvula	válvula
6	1927230	1	Return hose	conduite de retour	Ruckleitungschl	mangueira retorno	manhguera retorno
7	1935206	1	Hose supply	tuyau alimentation	Schlauchzufuhr	suprimento mangueira	suministro manguera
8	17C000832	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
10	524657	1	Fitting	ajustage	Verbindung	ajuste	acessorio
11	1905687	1	Elbow	coude	Winkelrohr	cotovêio	codo
12	1576156	1	Reducer	réducteur	Reduzierstück	reductor	reductor
13	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
14	525293	1	Magnet	aimant	Magnet	imã	imán
15	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela



6579TP

**FUEL TANK & LINES**  
**RÉSERVOIR DE CARBURANT & CANALISATION**  
**KRAFTSTOFFTANK & LEITUNGEN**  
**TANQUE DE COMBUSTÍVEL & TUBULAÇÕES**  
**DEPÓSITO & LINEAS DE COMBUSTIBLE**

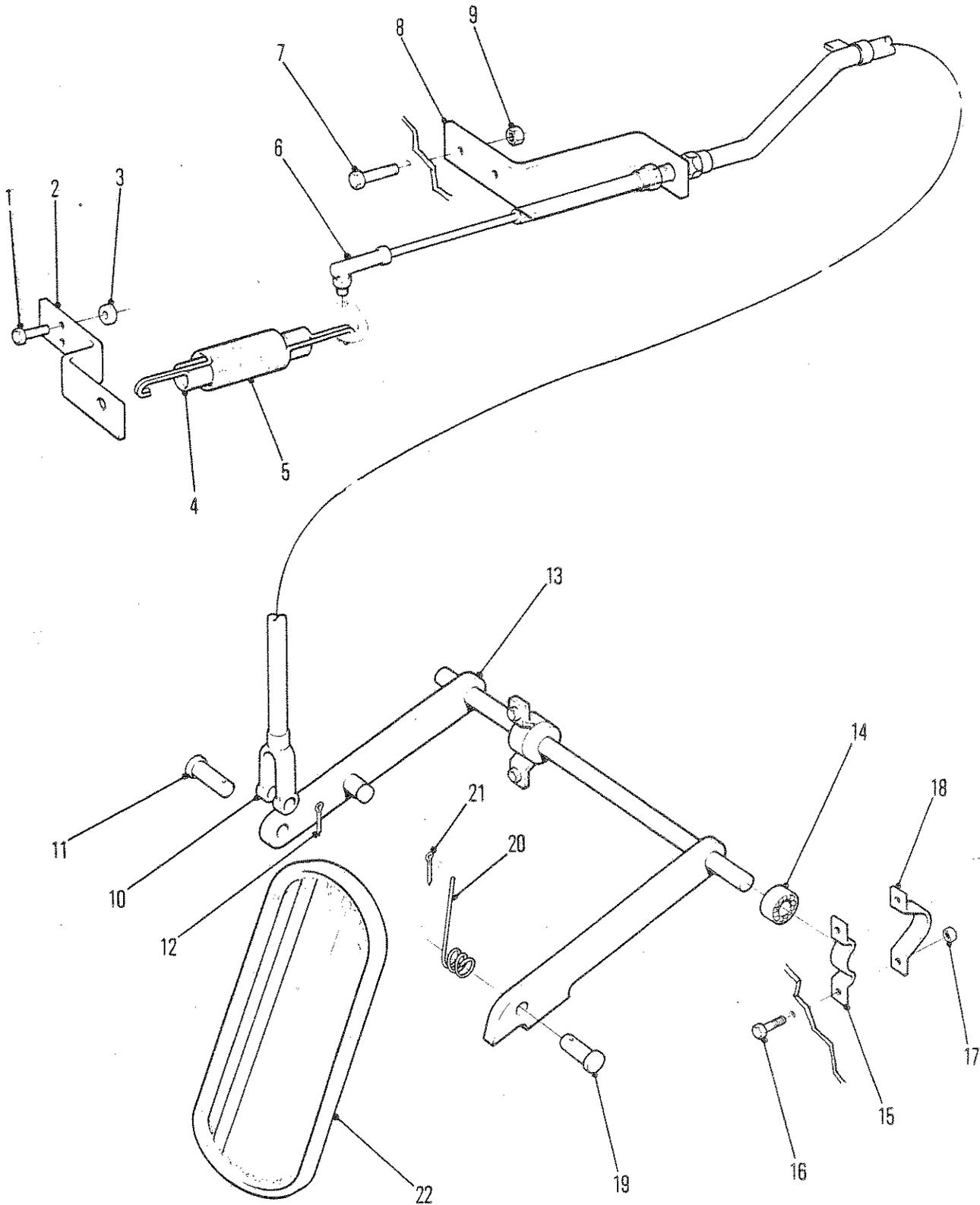
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1558644	1	Cap	chapeau	Kappe	tampa	tapa
2	943957	1	Strainer	tamis	Sieb	coador	tamiz
3	17C001032	1	Bolt	boulon	Bolzen	parafuso	bulón
4	664871	3	Pad	tampon	Polster	almofada	almohadilla
5	25E000026	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	17C001028	2	Bolt	boulon	Bolzen	parafuso	bulón
7	85D000010	2	Nut	écrou	Mutter	porca	tuerca
8	565295	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	358394	1	Valve	soupape	Ventil	válvula	válvula
10	1927230	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
12	38F000009	1	Connector	raccord	Verbindungsstück	ligador	conector
13	1927230	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1905687	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
15	1576156	1	Reducer	réducteur	Reduzierstück	reductor	reductor
16	524657	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	1935866	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
18	181F000002	1	Elbow	coude	Winkelrohr	cotovêlo	codo



6351TP

**ACCELERATOR & LINKAGE  
ACCÉLÉRATEUR & TRINGLERIE  
BESCHLEUNIGUNGS-FUSSHEBEL & GESTÄNGE  
ACELERADOR & ARTICULAÇÃO  
ACELERADOR & CONEXIÓN**

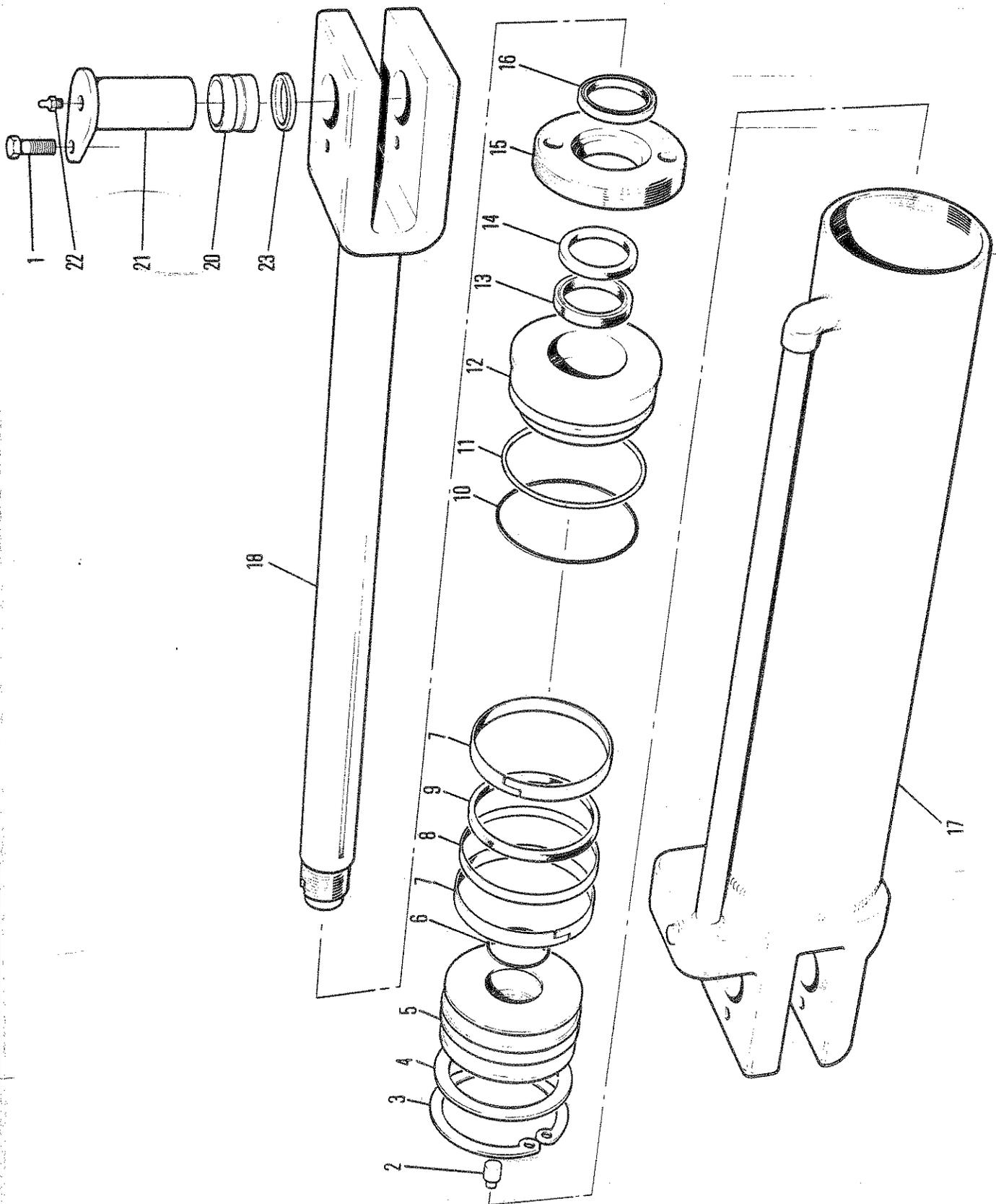
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1939464	1	Lever	levier	Hebel	alavanca	palanca
2	399081	2	Bearing	palier	Lager	mancal	cojinete
3	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
4	59D000004	4	Nut	écrou	Mutter	porca	tuerca
5	17C000624	1	Bolt	boulon	Bolzen	parafuso	bulón
6	27E000006	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	7D0000006	1	Nut	écrou	Mutter	porca	tuerca
8	1938482	1	Pedal	pédale	Pedal	pedal	pedal
9	862738	1	Pin	goupille	Stift	pino	pasador
10	1938483	1	Spring	ressort	Feder	mola	resorte
11	1F000310	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
12	1539181	1	Clevis	étrier	Schkel	garfo	horquilla
13	4F005062	1	Pin	goupille	Stift	pino	pasador
14	1F000310	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
15	1935113	1	Cable	câble	Kabel	cabo	cable
16	1539181	1	Clevis	étrier	Schkel	garfo	horquilla
17	4F005062	1	Pin	goupille	Stift	pino	pasador
18	1F000310	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
19	1937751	1	Bracket	support	Winkel	grampo	grampa
20	336991	1	Spring	ressort	Feder	mola	resorte
21	1933711	1	Cable eng stop	câble arrêt moteur	Kabel Motorabstell-	sio, parada do motor	cable, parada motor
22	1523209	1	Connector	raccord	Verbindungsstück	ligador	conector
23	86G001008	1	Screw	vis	Schraube	parafuso	tornillo
24	1F000212	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
25	†530887	1	Clip	attache	Schelle	braçadeira	abrazadera
26	†206699	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
27	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
28	1933797	1	Throttle hand	poignée de manipul	Handgas	afogador	mango ceb



6702TP

**ACCELERATOR & LINKAGE**  
**ACCÉLÉRATEUR & TRINGLERIE**  
**BESCHLEUNIGUNGS, FUSSHEBEL & GESTÄNGE**  
**ACELERADOR & ARTICULAÇÃO**  
**ACELERADOR & CONEXIÓN**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	7CM000825	2	Bolt	boulon	Bolzen	parafuso	bulón
2	552914	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
3	1939468	1	Bracket	support	Winkel	grampo	grampa
4	1939460	1	Spring	ressort	Feder	mola	resorte
5	1939459	1	Spring	ressort	Feder	mola	resorte
6	6002470	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
7	17C000414	2	Bolt	boulon	Bolzen	parafuso	bulón
8	1938350	1	Bracket	support	Winkel	grampo	grampa
9	59D000004	2	Nut	écrou	Mutter	porca	tuerca
10	1937207	1	Cable	câble	Kabel	cabo	cable
11	4F004051	-	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
12	1F000212	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
13	1938349	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
14	1784654	4	Bearing	palier	Lager	mancal	cojinete
15	1778135	2	Base	base	Untergestell	base	base
16	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
17	59D000004	4	Nut	écrou	Mutter	porca	tuerca
18	1778134	2	Strap	bande	Band	faixa	banda
19	862738	1	Pin	goupille	Stift	pino	pasador
20	1938438	1	Spring	ressort	Feder	mola	resorte
21	1F000310	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
22	1938482	1	Pedal	pédale	Pedal	pedal	pedal



6150TP

**STEER & BLADE CYLINDER ASSEMBLY**  
**ENSEMBLE CYLINDRE, DIRECTION & LAME**  
**ZYLINDEREINHEIT, STEUER & KLINGE**  
**CONJUNTO DE CILINDRO, DIREÇÃO & LÂMINA**  
**CONJUNTO DE CILINDRO DIRECCION & CUCHILLA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12552361	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	661312	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553562	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552356	1	Piston	piston	Kolben	pistão	pistón
6	33C000820	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	33C000820	2	Wear ring	bague dusure	Gleitring	anel desgaste	anillo desgaste
8	33C000820	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	33C000820	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
10	33C000820	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	33C000820	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552360	1	Cap	chapeau	Kappe	tampa	tapa
13	33C000820	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	33C000820	1	Bearing	palier	Lager	mancal	cojinete
15	2552354	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
16	33C000820	1	Wiper	racleur	Wischer	limpador	limpiador
17	2535815	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552358	1	Rod	tige	Stange	varão	varilla
19	2542570	1	Repack kit	jeu de regarnissage	Umpacksatz	jôgo de reagrupamento	estuche reempaqrnt
20	1574466	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
23	1920223	4	Washer	rondelle	Scheibe	arruela	arandela

<sup>1</sup> Inc 2→19, Ref. R.S.G. 295

<sup>2</sup> Inc. 6→11, 13, 14 & 16

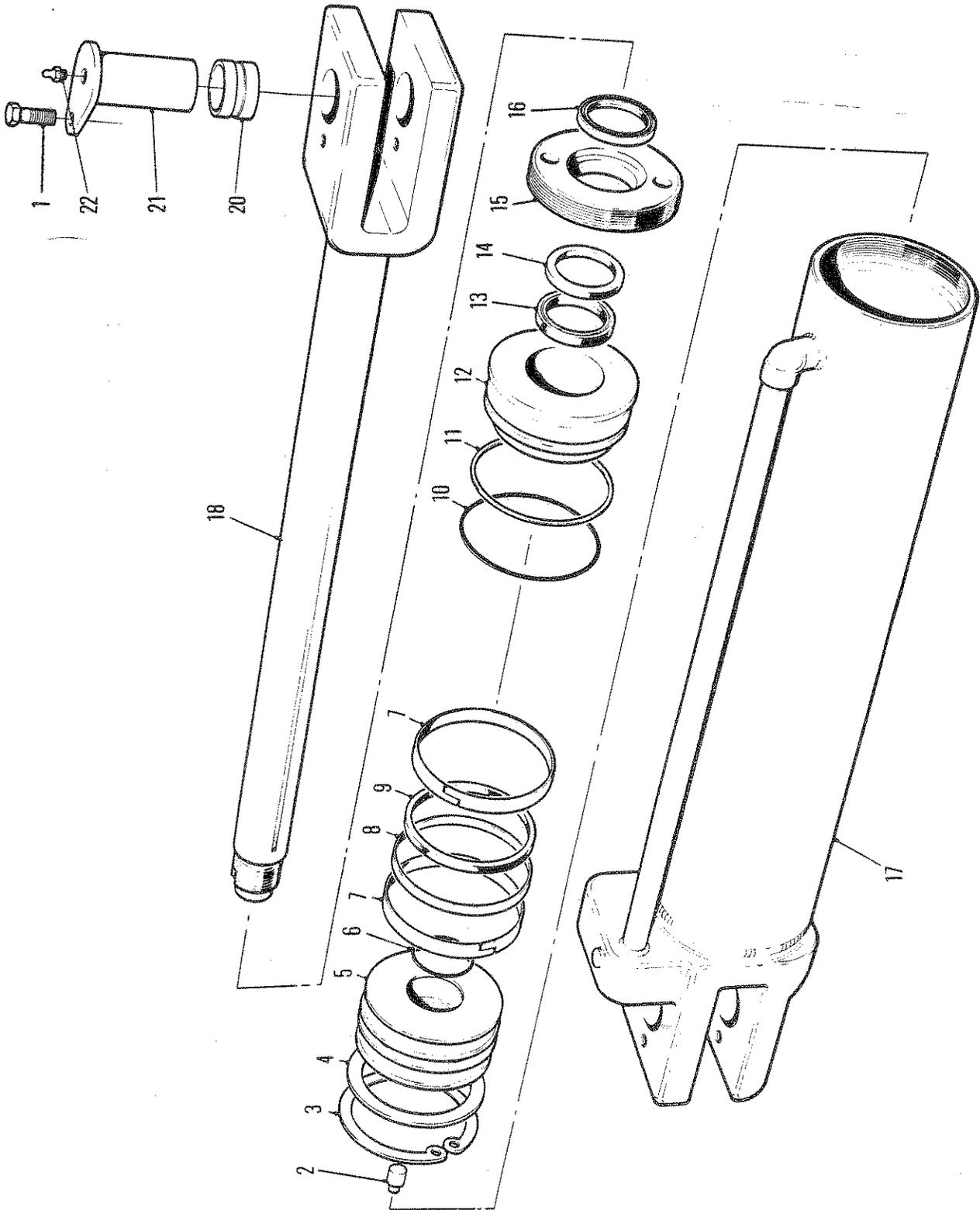
<sup>3</sup> Ref. Item 19

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC→559A-9999-CAC  
 555A-101-CAC→555A-9999-CAC  
 548A-101-CAC→548A-9999-CAC  
 549A-101-CAC→549A-9999-CAC

564A-101-CAC→564A-9999-CAC

552A-101-CAC→552A-9999-CAC



6150TP

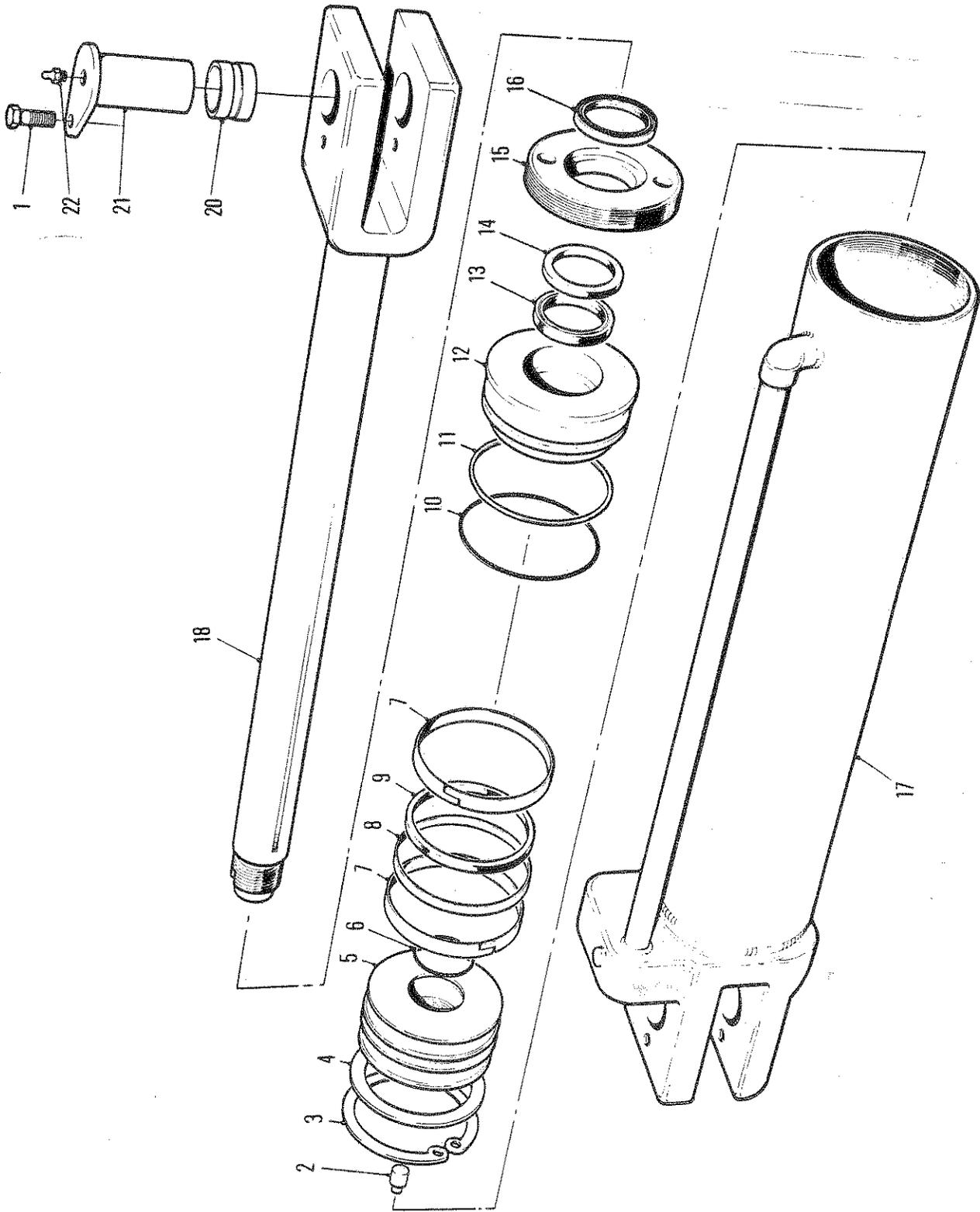
**ARCH CYLINDER ASSEMBLY**  
**ROULEAU D'ARC**  
**BOGEN, BAUGRAPPE**  
**CONJUNTO DE ARCO**  
**CONJUNTO DE ARCO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2552115	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	952134	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553563	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552113	1	Piston	piston	Kolben	pistão	pistón
6	§-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	§-----	2	Wear ring	bague dusure	Gleitring	anel desgaste	anillo desgaste
8	§-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	§-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
10	§-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	§-----	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552108	1	Cap	chapeau	Kappe	tampa	tapa
13	§-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	§-----	1	Bearing	palier	Lager	mancal	cojinete
15	2552109	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
16	§-----	1	Wiper	racleur	Wischer	limpador	limpiador
17	2526177	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552111	1	Rod	tige	Stange	varão	varilla
19	2551403	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
20	1574466	2	Bushing	chemise	Buchse	bucha	buje
20A	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	12H000015	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

1 Inc 2⇒18, Ref S.B. Group 896, No. 02, 9/86.

2 Inc 6⇒11, 13, 14 & 16

3 □555A-101-CAC⇒, 559A-101-CAC⇒



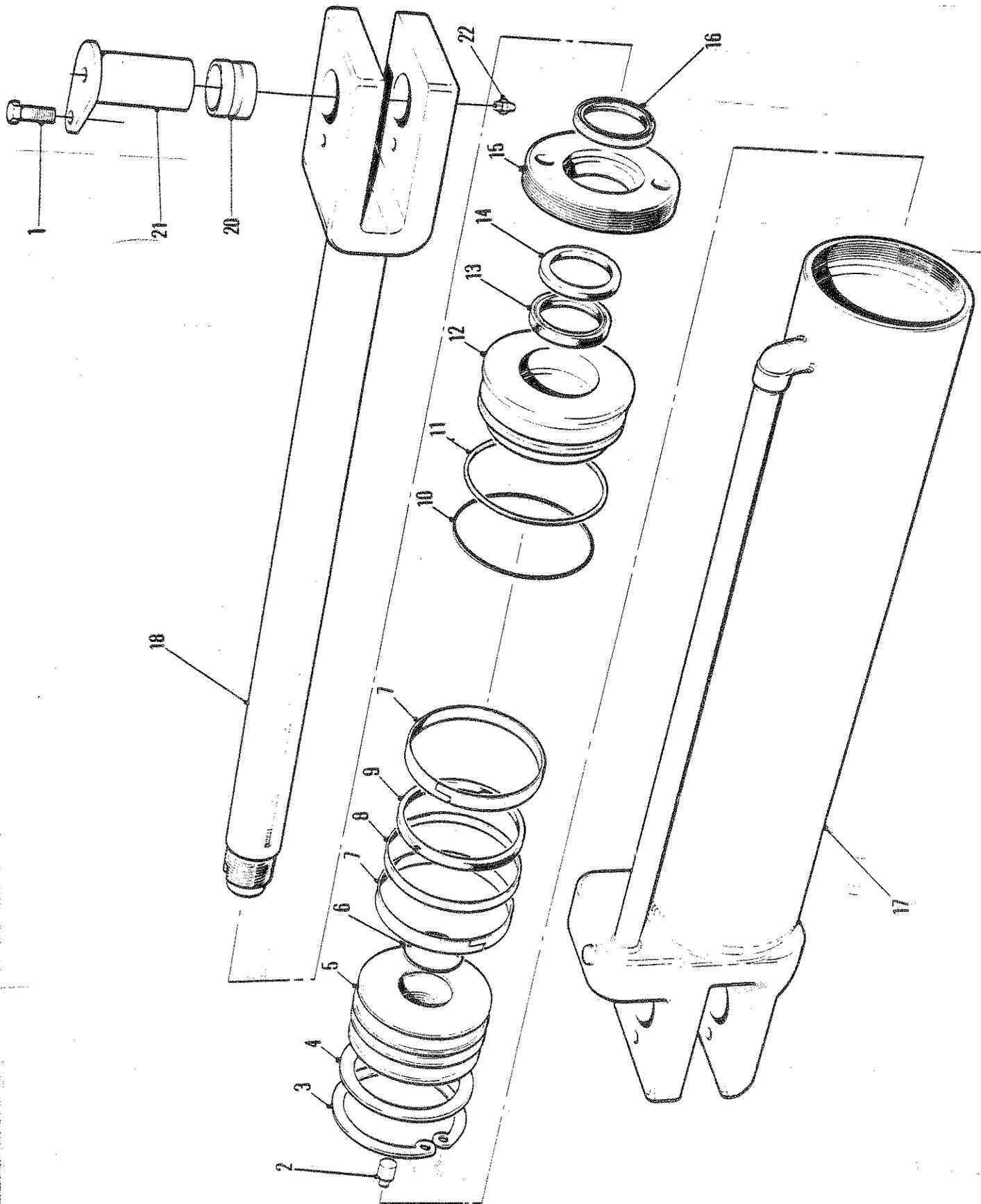
6150TP

**GRAPPLE CYLINDER ASSEMBLY 70 IN-1,79M**  
**ENSEMBLE VÉRIN D'ACCROCHAGE**  
**GREIFZYLINDER - AUFBAU**  
**CONJUNTO DO CILINDRO DA CAÇAMBA**  
**CONJUNTO DEL CILINDRO BIVALVO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12552121	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	952134	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553563	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552113	1	Piston	piston	Kolben	pistão	pistón
6	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	-----	2	Wear ring	bague dusure	Gleitring	anel desgaste	anillo desgaste
8	-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	-----	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552108	1	Cap	chapeau	Kappe	tampa	tapa
13	-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	-----	1	Bearing	palier	Lager	mancal	cojinete
15	2552109	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
16	-----	1	Wiper	racieur	Wischer	limpador	limpiador
17	2532852	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552122	1	Rod	tige	Stange	varão	varilla
19	2551403	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
20	1574466	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

<sup>1</sup> Inc 2 ⇒ 18 Ref S.B. Group 896, No. 02, 9/86.

<sup>2</sup> Inc 6 ⇒ 11, 13, 14 & 16



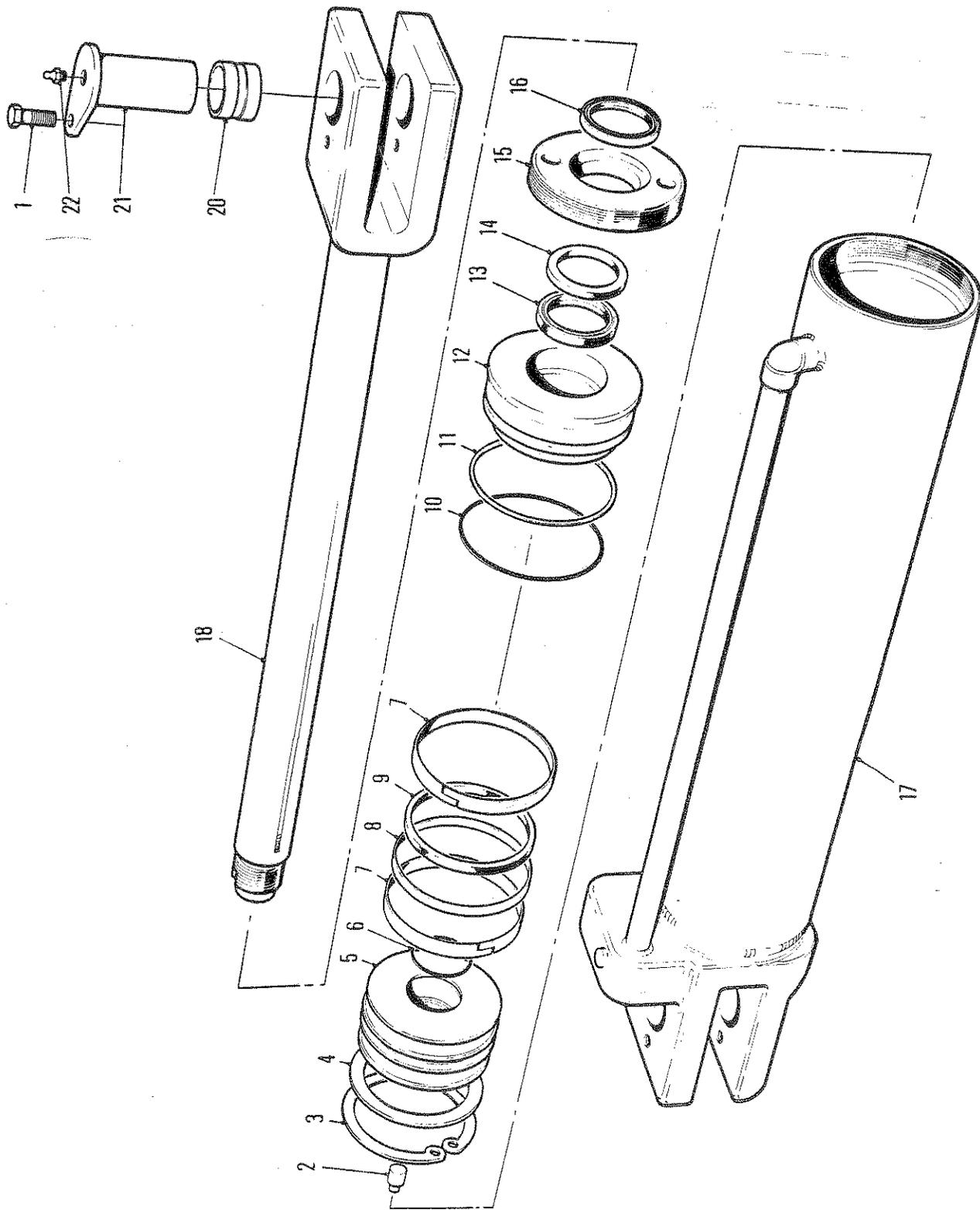
6150TP

**GRAPPLE CYLINDER ASSEMBLY 105 IN-3200,4 MM**  
**ENSEMBLE VÉRIN D'ACCROCHAGE**  
**GREIFZYLINDER - AUFBAU**  
**CONJUNTO DO CILINDRO DA CAÇAMBA**  
**CONJUNTO DEL CILINDRO BIVALVO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12552115	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	952134	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553563	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552113	1	Piston	piston	Kolben	pistão	pistón
6	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	-----	2	Wear ring	bague d'usure	Gleitring	anel desgaste	anillo desgaste
8	-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
10	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	-----	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552108	1	Cap	chapeau	Kappe	tampa	tapa
13	-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	-----	1	Bearing	palier	Lager	mancal	cojinete
15	2552109	1	Retaining ring	bague d'arrêt	Haltering	anel retentor	anillo de retención
16	-----	1	Wiper	racleur	Wischer	limpador	limpiador
17	2526177	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552111	1	Rod	tige	Stange	varão	varilla
19	2551403	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
20	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

<sup>1</sup> Inc 2 → 18, Ref S.B. Group 896, No. 02, 9/86.

<sup>2</sup> Inc 6 → 11, 13, 14 & 16

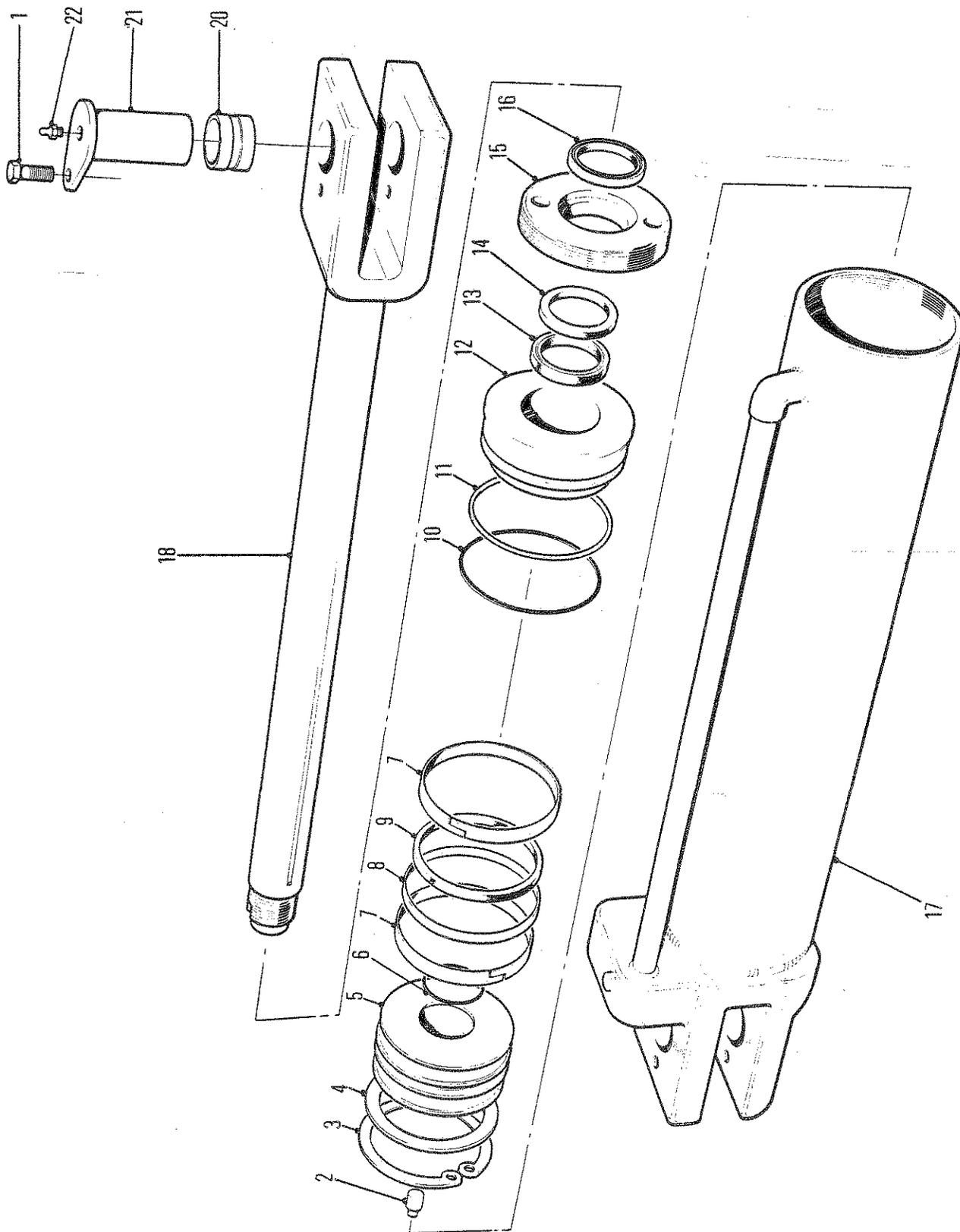


6150TP

**GRAPPLE CYLINDER ASSEMBLY 105 IN-3200,4 MM**  
**ENSEMBLE VÉRIN D'ACCROCHAGE 105 IN-3200,4 MM**  
**GREIFZYLINDER - AUFBAU 105 IN-3200,4 MM**  
**CONJUNTO DO CILINDRO DA CAÇAMBA 105 IN-3200,4 MM**  
**CONJUNTO DEL CILINDRO BIVALVO 105 IN-3200,4 MM**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2552534	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000820	2	Bolt	boulon	Boizen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	661312	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553562	1	Washer	rondelle	Scheibe	arruela	arandela
5	2524268	1	Piston	piston	Kolben	pistão	pistón
6	§	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	§	2	Wear ring	bague dusure	Gleitring	anel desgaste	anillo desgaste
8	§	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	§	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
10	§	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	§	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552360	1	Cap	chapeau	Kappe	tampa	tapa
13	§	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	§	1	Bearing	palier	Lager	mancal	cojinete
15	2552354	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
16	§	1	Wiper	racleur	Wischer	limpador	limpiador
17	2530726	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552358	1	Rod	tige	Stange	varão	varilla
19	2555880	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
20	1932407	2	Bushing	chemise	Buchse	bucha	buje
21	1932083	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

1 Inc 2 → 18 Ref S.B. Group 896, No. 02, 9/86.



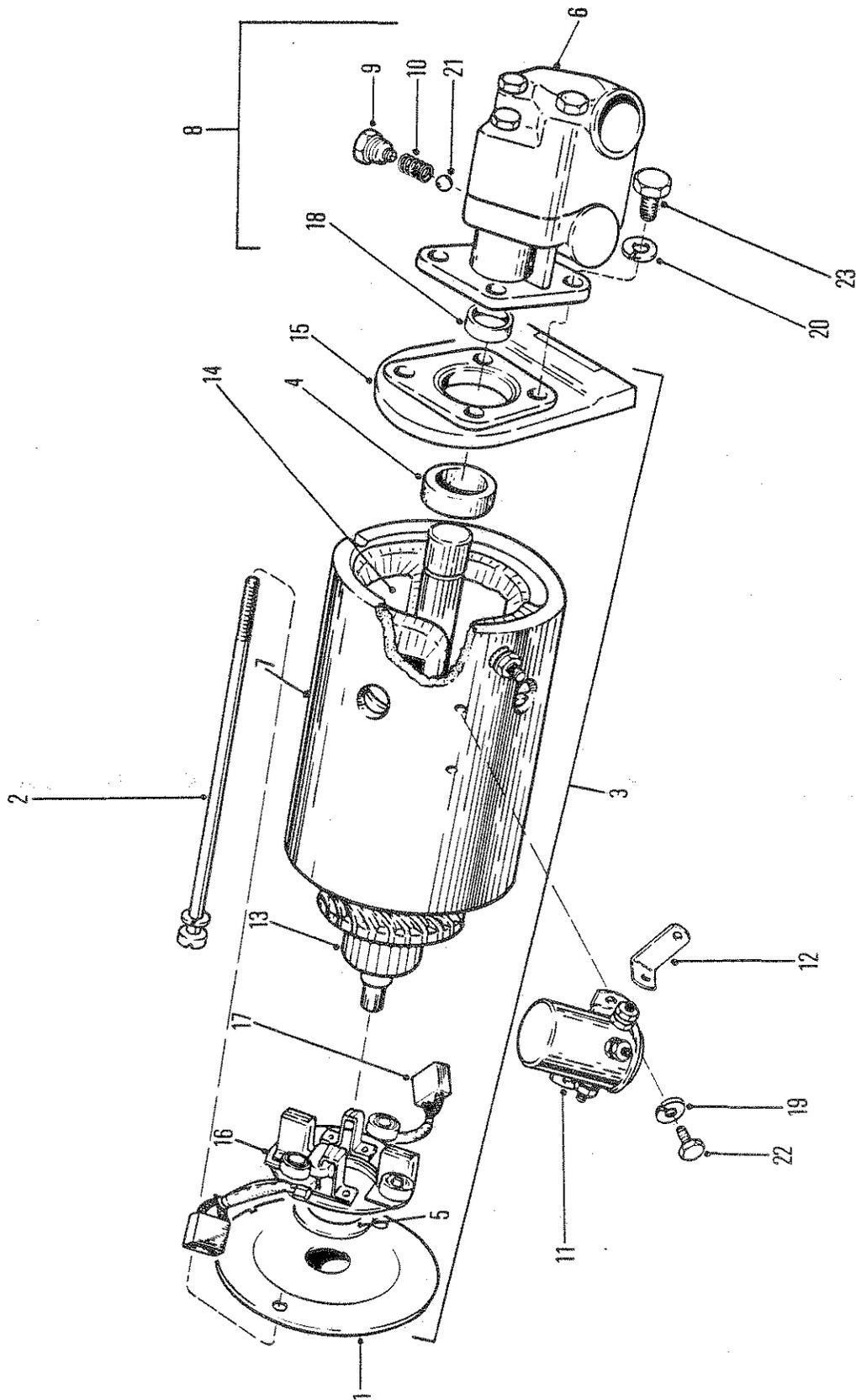
6150TP

**BOOM CYLINDER ASSEMBLY  
FLÈCHE, ENSEMBLE DU CYLINDRE  
AUSLEGERZYLINDER, VOLLSTÄNDIG  
BRAÇO, CONJUNTO DO CILINDRO  
AGUILÓN, CONJUNTO DEL CILINDRO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	2552115	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	952134	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553563	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552113	1	Piston	piston	Kolben	pistão	pistón
6	§-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	§-----	2	Wear ring	bague dusure	Gleitring	anel desgaste	anillo desgaste
8	§-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	§-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
10	§-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	§-----	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552108	1	Cap	chapeau	Kappe	tampa	tapa
13	§-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	§-----	1	Bearing	palier	Lager	mancal	cojinete
15	2552109	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
16	§-----	1	Wiper	racleur	Wischer	limpador	limpiador
17	2526177	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552111	1	Rod	tige	Stange	varão	varilla
19	2551403	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
20	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
23	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón

<sup>1</sup> Inc 2 → 18, Ref S.B. Group 896, No. 02, 9/86.

<sup>2</sup> Inc 6 → 11, 13, 14 & 16



5733TP

**PUMP & MOTOR ASSEMBLY** ☒  
**ENSEMBLE DE POMPE & DE MOTEUR** ☒  
**PUMPEN & MOTOREN-BAUGRUPPE** ☒  
**CONJUNTO DE BOMBA & MOTOR** ☒  
**CONJUNTO DE BOMBA & MOTOR** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1886267	1	Cover	couvercle	Deckel	tampa	tapa
2	898224	2	Bolt	boulon	Bolzen	parafuso	bulón
3	<sup>2,3</sup> 960373	1	Motor	moteur	Motor	motor	motor
4	990087	1	Bearing	palier	Lager	mancal	cojinete
5	992313	1	Washer	rondelle	Scheibe	arruela	arandela
6	<sup>4</sup> S-----	-	Housing	botier	Gehuse	carcaça	carcasa
7	<sup>5</sup> S-----	-	Housing	botier	Gehuse	carcaça	carcasa
8	<sup>3,5</sup> 1990974	1	Pump assembly	pompe ens	Pumpe vollst	bomba conj	bomba conj
9	1990975	1	Plug	bouchon	Stopfen	bujão	tapón
10	1990976	1	Spring	ressort	Feder	mola	resorte
11	1992305	1	Solenoid	solénoide	Schaltmagnet	solenóide	solenóide
12	1990978	1	Strap	bande	Band	faixa	banda
13	1990979	1	Armature	induit	Anker	induzido	inducido
14	1990980	1	Coil assy	bobine ens	Spule vollst	bobina conj	bobina conj
15	1990981	1	Cover	couvercle	Deckel	tampa	tapa
16	<sup>7</sup> 1990982	1	Brush	balai	Bürste	escova	escobilla
17	1990983	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
18	<sup>2</sup> 3686395	1	Seal	joint étanchéité	Dichtung	vedador	sello
19	4E000004	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	4E000005	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	10J000012	1	Ball	bille	Kugel	esfera	bola
22	17C000406	2	Bolt	boulon	Bolzen	parafuso	bulón
23	17C000512	4	Bolt	boulon	Bolzen	parafuso	bulón

<sup>1</sup> Inc bushing  
<sup>1</sup> Comprend chemise  
<sup>1</sup> Einschl. Buchse  
<sup>1</sup> Incl. bucha  
<sup>1</sup> inc. buje

<sup>2</sup> Inc 1, 2, 3, 5, 7, 13, 14, 15, 16 & 17

<sup>3</sup> For pump & motor assy-order 1933412  
<sup>3</sup> Pour ens de pompe et de moteur-commander 1933412  
<sup>3</sup> Für Pumpen und Motoren Baugruppe-bestelle 1933412  
<sup>3</sup> Para conj de bomba et motor-encomendar 1933412  
<sup>3</sup> Para conj de bomba y motor-ordenar 1933412

<sup>4</sup> See 8  
<sup>4</sup> Voir 8  
<sup>4</sup> Siehe 8  
<sup>4</sup> Veja 8  
<sup>4</sup> Véase 8

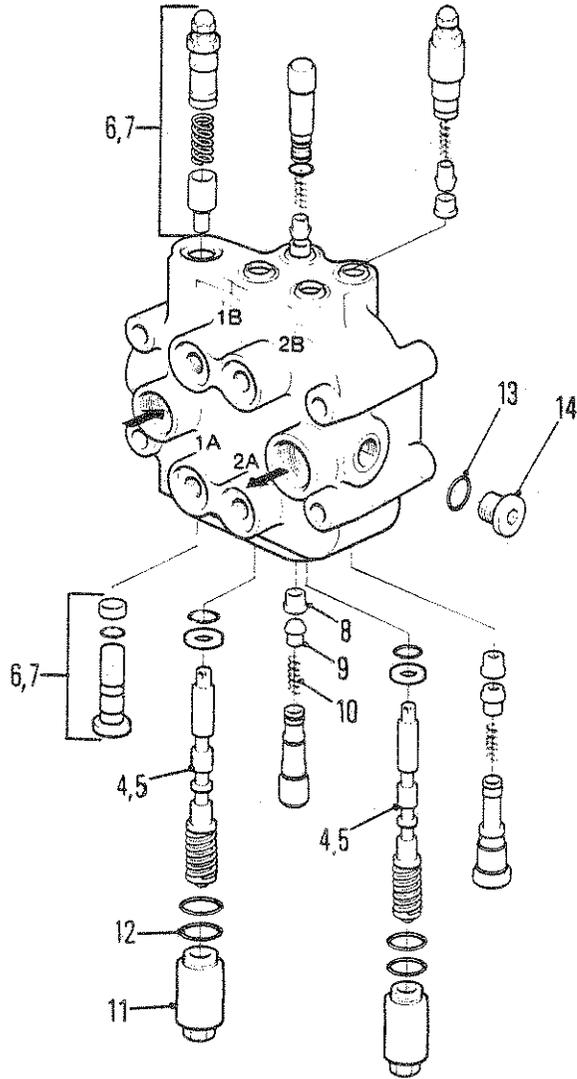
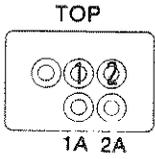
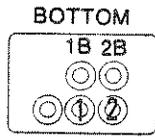
<sup>5</sup> See 3  
<sup>5</sup> Voir 3  
<sup>5</sup> Siehe 3  
<sup>5</sup> Veja 3  
<sup>5</sup> Véase 3

<sup>6</sup> Inc 6, 9, 10, 18, 20, 21 & 23

<sup>7</sup> Inc 17

666CUM 559A-101-CAC⇒559A-9999-CAC  
666CUMGR 555A-101-CAC⇒555A-9999-CAC  
666GM 548A-101-CAC⇒548A-9999-CAC  
666GMGR 549A-101-CAC⇒549A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



**PORT RELIEF**

LOCATION	PSI SETTING
1A	2200 PSI
1B	2200 PSI
2A	2200 PSI
2B	2200 PSI

6653TP

**CONTROL VALVE-STEER & BLADE**  
**SOUPEPE DE CONTRÔLE, LAME & DIRECTION**  
**STEUERVENTIL, STEUER & KLINGE**  
**VÁLVULA DE CONTRÔLE DA DIRÇÃO & LÂMINA**  
**VÁLVULA DE CONTROL DE LA DIRECCIÓN & CUCHILLA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	<sup>1</sup> 1937421	1	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
1A	<sup>4</sup> 1990460	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxílio orificio colectr
1B	<sup>4</sup> 1990460	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxílio orificio colectr
2A	<sup>4</sup> 1992310	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxílio orificio colectr
2B	<sup>4</sup> 1992310	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxílio orificio colectr
3	<sup>2</sup> 1992434	4	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
4	<sup>§</sup> -----	2	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
5	<sup>1</sup> 1992435	2	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
6	<sup>3</sup> 1992463	1	Main relief	soup sûreté principal	Hauptüberdruck	auxílio principal	auxílio principal
7	<sup>1</sup> 1992457	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
8	<sup>1</sup> 1990266	4	Seat	sige	Sitz	assento	asiento
9	<sup>1</sup> 1990184	4	Poppet	clapet	Ventilkegel	gatilho	clapeta
10	<sup>1</sup> 1990183	4	Spring	ressort	Feder	mola	resorte
11	<sup>1</sup> 1992190	2	Cap	chapeau	Kappe	tampa	tapa
12	<sup>2</sup> 25K030024	2	O-ring	joint torique	O Ring	anel-O	anillo-O
13	<sup>2</sup> 91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
14	<sup>2</sup> 47K000008	2	Plug	bouchon	Stopfen	bujão	tapón

<sup>1</sup> Inc 1A⇒14

<sup>2</sup> □ 1A, 1B, 2A, 2B

<sup>3</sup> 2150 P.S.I.

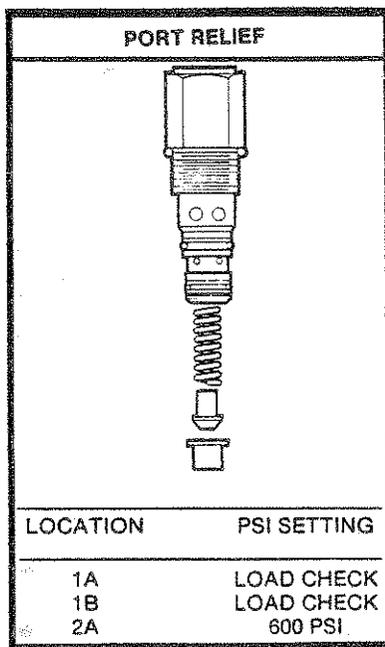
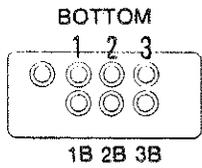
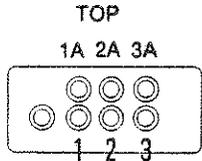
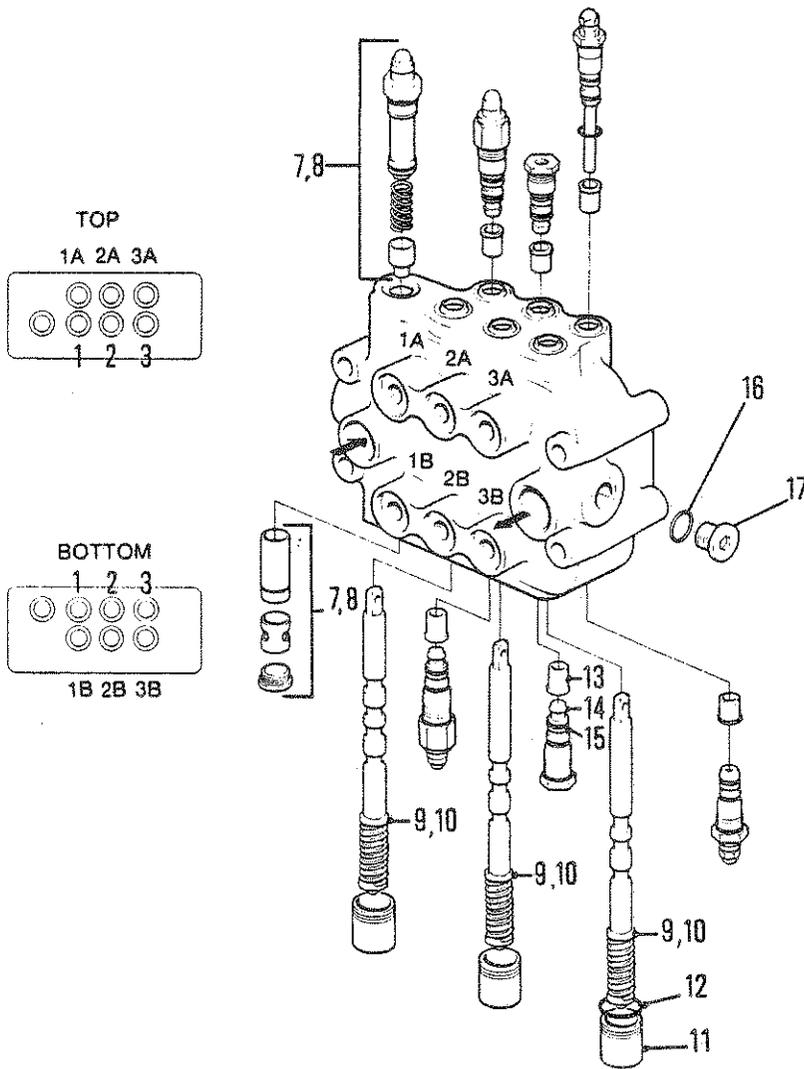
<sup>4</sup> 2300 P.S.I.

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



6654TP

**CONTROL VALVE-ARCH, GRAPPLE & MOTOR HEAD**  
**SOUPAPE DE CONTRÔLE-ARCHE, GRAPPIN & MOTEUR**  
**STEUERVENTIL-BOGEN, GREIFER & MOTOR**  
**VÁLVULA DE CONTRÔLE-ARCO, GARRA & MOTOR**  
**VÁLVULA DE CONTROL-ARCO, AGARRADERA & MOTOR**

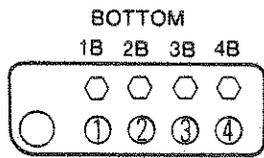
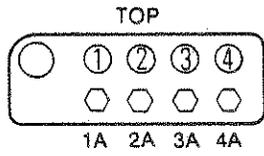
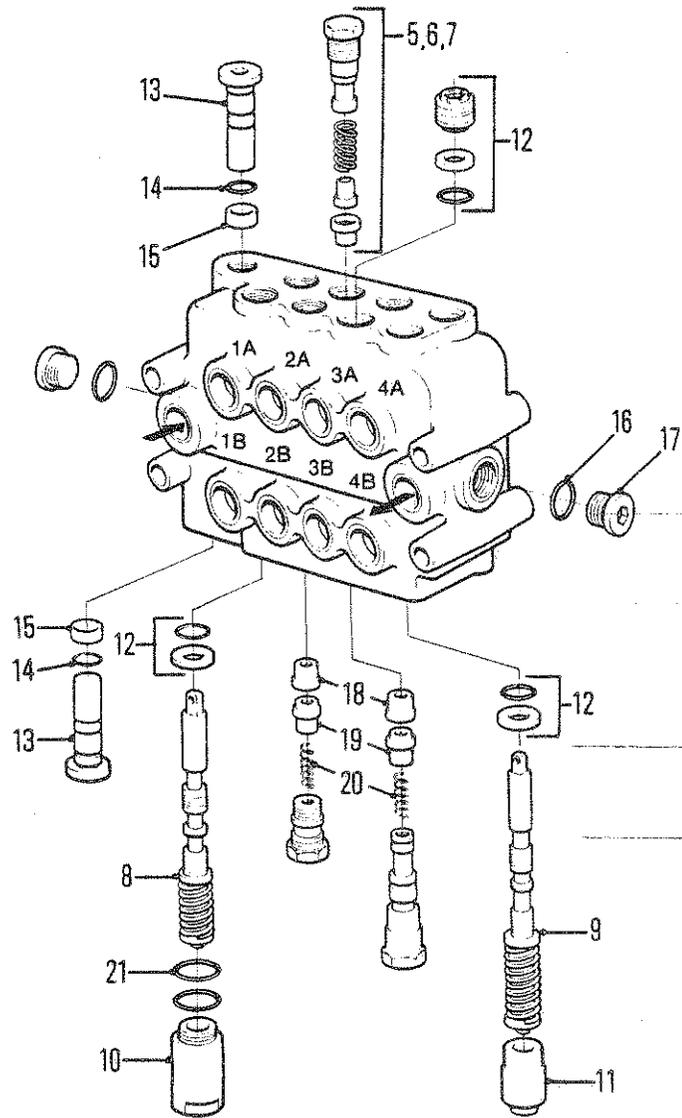
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	<sup>1</sup> 1937422	1	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
1A	1992282	1	Load check	vérification la charge	lastüberprüfung	verificação da carga	comprobación carga
1B	1992282	1	Load check	vérification la charge	lastüberprüfung	verificação da carga	comprobación carga
2A	1992464	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
2B	1992381	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
3A	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
3B	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
4	<sup>2</sup> 1992456	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
5	<sup>3</sup> 1992434	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
6	<sup>4</sup> 1992458	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
7	1991043	1	Main relief	soup sûreté principal	Hauptüberdruck	auxílio principal	auxilio principal
8	1992457	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
9	§-----	3	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
10	1992435	3	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
11	1992190	3	Cap	chapeau	Kappe	tampa	tapa
12	25K030024	3	O-ring	joint torique	O Ring	anel-O	anillo-O
13	1990185	6	Seat	sige	Sitz	assento	asiento
14	1990184	6	Poppet	clapet	Ventilkegel	gatilho	clapeta
15	1990183	6	Spring	ressort	Feder	mola	resorte
16	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	47K000006	2	Plug	bouchon	Stopfen	bujão	tapón

1 Inc 1A⇒17

2 □1A & 1B

3 □2A & 2B

4 □3A & 3B



LOCATION	LOCATION	LOCATION	PSI SETTING
2	1	3A	1500 PSI
3		3B	1500 PSI
4		4A	1500 PSI
		4B	1500 PSI
		1A	LOAD CHECK
		1B	2300 PSI
		2A	600 PSI
		2B	2200 PSI

6645TP

**CONTROL VALVE-ARCH & GRAPPLE & BOOM & MOTOR**  
**SOUPE DE CONTRÔLE-ARCHE, FLÂCHE DE GRAPPIN & TÊTE DE MOTEUR**  
**STEUERVENTIL-BOGEN & GREIFERHUBARM & MOTORKOPF**  
**VÁLVULA DE CONTRÔLE-ARCO & BRAÇO DA GARRA & CABEÇADO MOTOR**  
**VÁLVULA DE CONTROL-ARCO & AQUILON DE GARRA & CABEZA DE MOTOR**

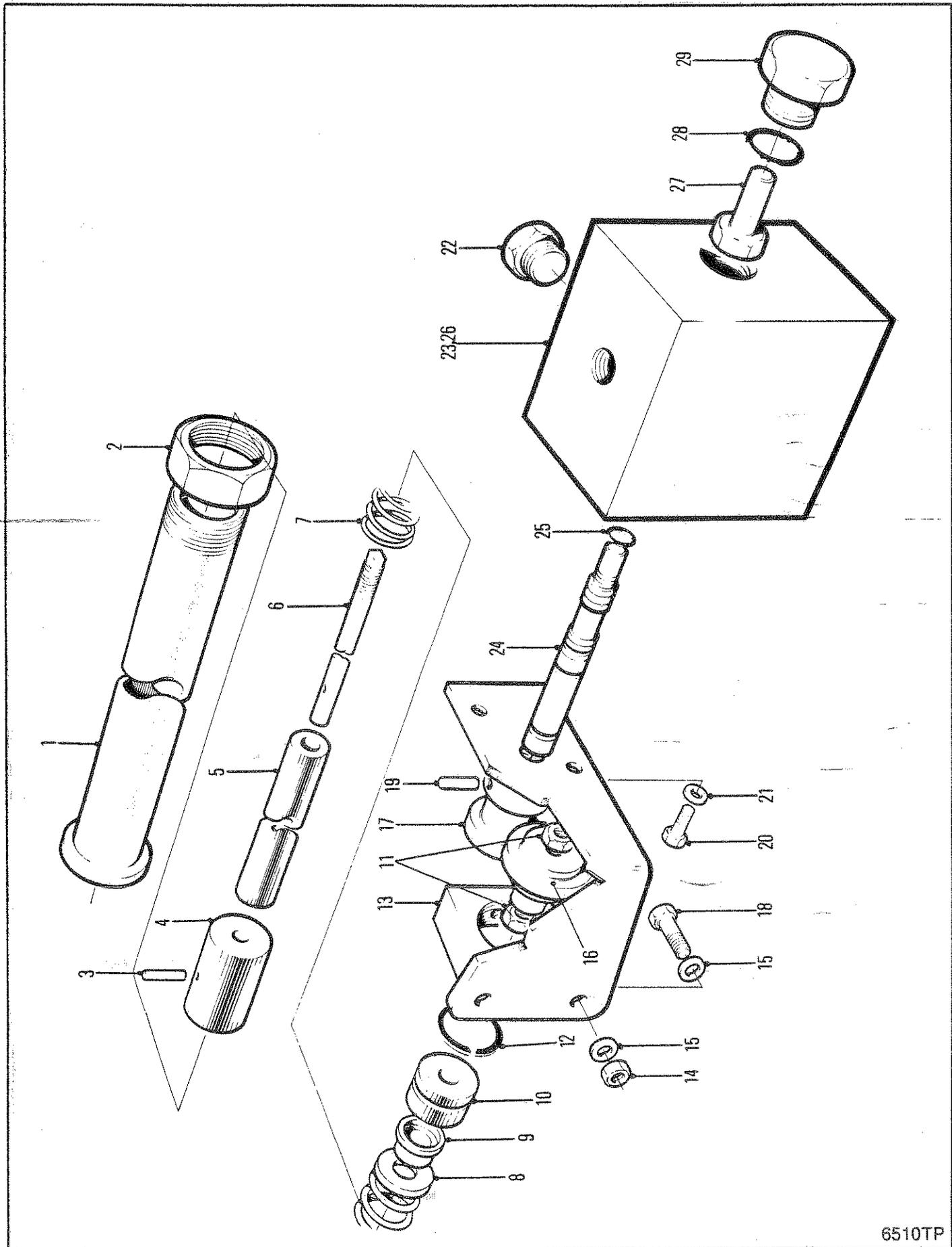
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937423	1	Control valve	soupe de contrôle	Steuerventil	váv de contr	valv de control
1A	1992282	1	Load check	vérification la charge	lastüberprüfung	verificação da carga	comprobación carga
1B	1992399	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
2A	1992439	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
2B	1992381	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
3A	1992405	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
3B	1992405	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
4A	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
4B	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxilio orificio colectr
5	1992434	5	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
6	1992458	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
7	1992459	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
8	§-----	1	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
9	§-----	3	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
10	1992386	1	Cap	chapeau	Kappe	tampa	tapa
11	1992190	3	Cap	chapeau	Kappe	tampa	tapa
12	1992435	4	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
13	1992402	2	Plug	bouchon	Stopfen	bujão	tapón
14	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
15	47K000006	2	Plug	bouchon	Stopfen	bujão	tapón
16	25K020018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	47K000008	2	Plug	bouchon	Stopfen	bujão	tapón
18	1990185	8	Seat	sige	Sitz	assento	asiento
19	1990184	8	Poppet	clapet	Ventilkegel	gatilho	clapeta
20	1990183	8	Spring	ressort	Feder	mola	resorte
21	25K020104	4	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc 1A⇒20

2 □1B, 2A, 2B, 3A, 3B

3 □4A & 4B

4 □1A



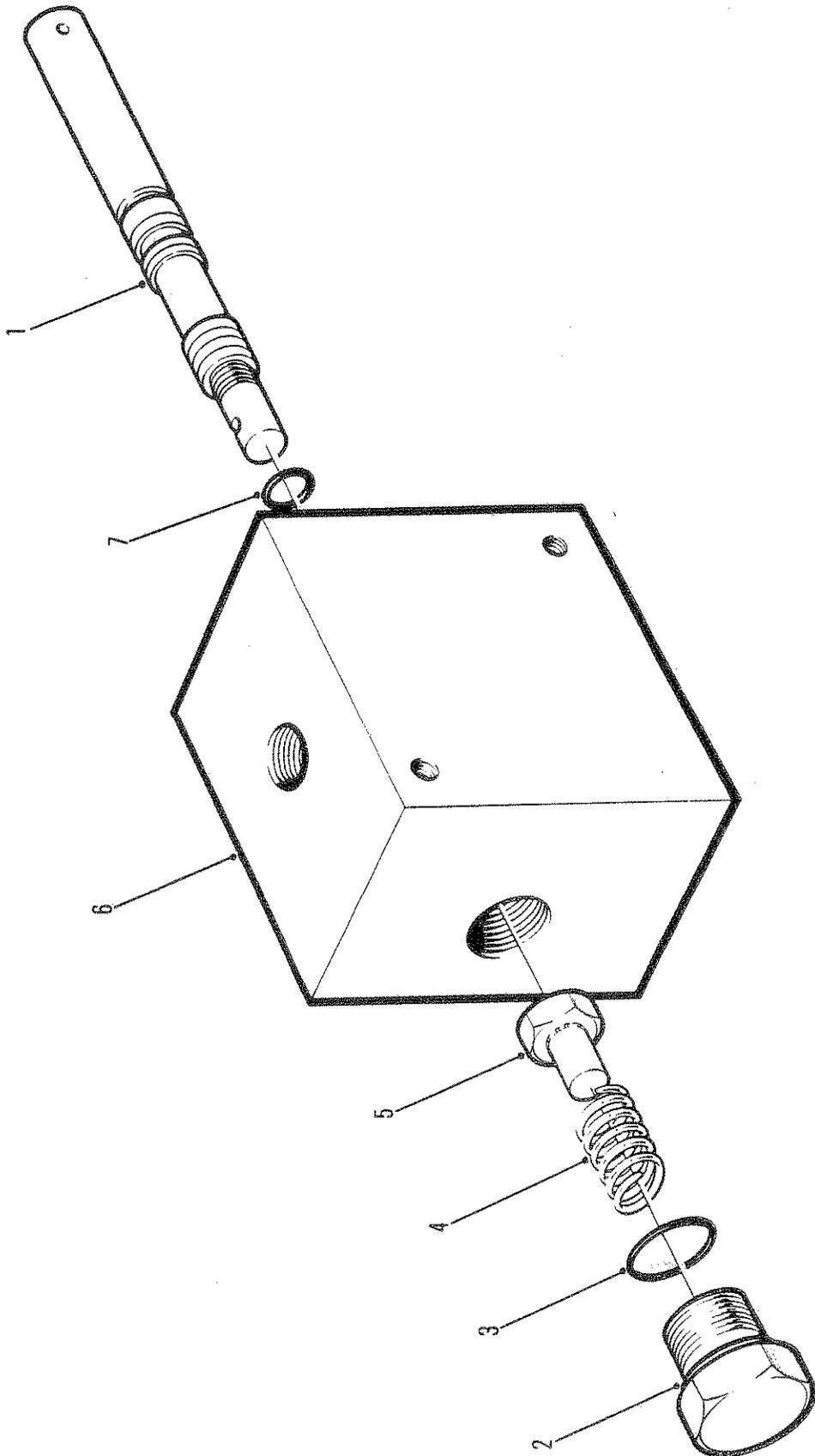
6510TP

**AUTOMATIC GRIP CONTROL ASSEMBLY**  
**ENSEMBLE DE CONTRÔLE AUTOMATIQUE DE LA POIGNÉE**  
**AUTOMATISCHE GRIFFSTEUERUNG VOLLSTÄNDIG**  
**CONJUNTO DE CONTROL DE PUNHO AUTOMÁTICO**  
**CONJUNTO DE CONTROL AUTOMÁTICO DEL MANGO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937393	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
1	1937411	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
2	8D000016	1	Jam nut	écrou de bloquage	Sperrmutter	porca freio	tuerca de ajuste
3	14J000911	1	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
4	1937401	1	Piston	piston	Koiben	pistão	pistón
5	1937390	1	Tube	tube	Rohr	tubo	tubo
6	1937399	1	Rod	tige	Stange	varão	varilla
7	1932455	1	Spring	ressort	Feder	mola	resorte
8	1937402	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
9	1935050	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	1937392	1	End cap	couvercle arrière	Endkappe	capa do terminal	tapa terminal
11	63D000004	4	Nut	écrou	Mutter	porca	tuerca
12	666446	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
13	1937404	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
14	85D000006	2	Nut	écrou	Mutter	porca	tuerca
15	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
16	1937400	1	Actuator	commande	Stellglied	acionador	actuador
17	1937398	1	Spool	tiroir	Spule	carretel	carrete
18	17C000420	2	Bolt	boulon	Bolzen	parafuso	bulón
19	14J001216	1	Pin	goupille	Stift	pino	pasador
20	17C000410	2	Bolt	boulon	Bolzen	parafuso	bulón
21	27E000004	2	Washer	rondelle	Scheibe	arruela	arandela
22	40K000004	1	Plug	bouchon	Stopfen	bujão	tapón
23	<sup>2</sup> 1937391	1	Valve	soupape	Ventil	válvula	válvula
24	1992451	1	Spool	tiroir	Spule	carretel	carrete
25	76K000010	1	O-ring	joint torique	O Ring	anel-O	anillo-O
26	§-----	1	Body	carrosserie	Karosserie	carroçria	carrocería
27	1992167	1	Nut	écrou	Mutter	porca	tuerca
28	78K000008	1	O-ring	joint torique	O Ring	anel-O	anillo-O
29	16F000004	1	Plug	bouchon	Stopfen	bujão	tapón

<sup>1</sup> Inc. 1→29

<sup>2</sup> Inc. 24→29

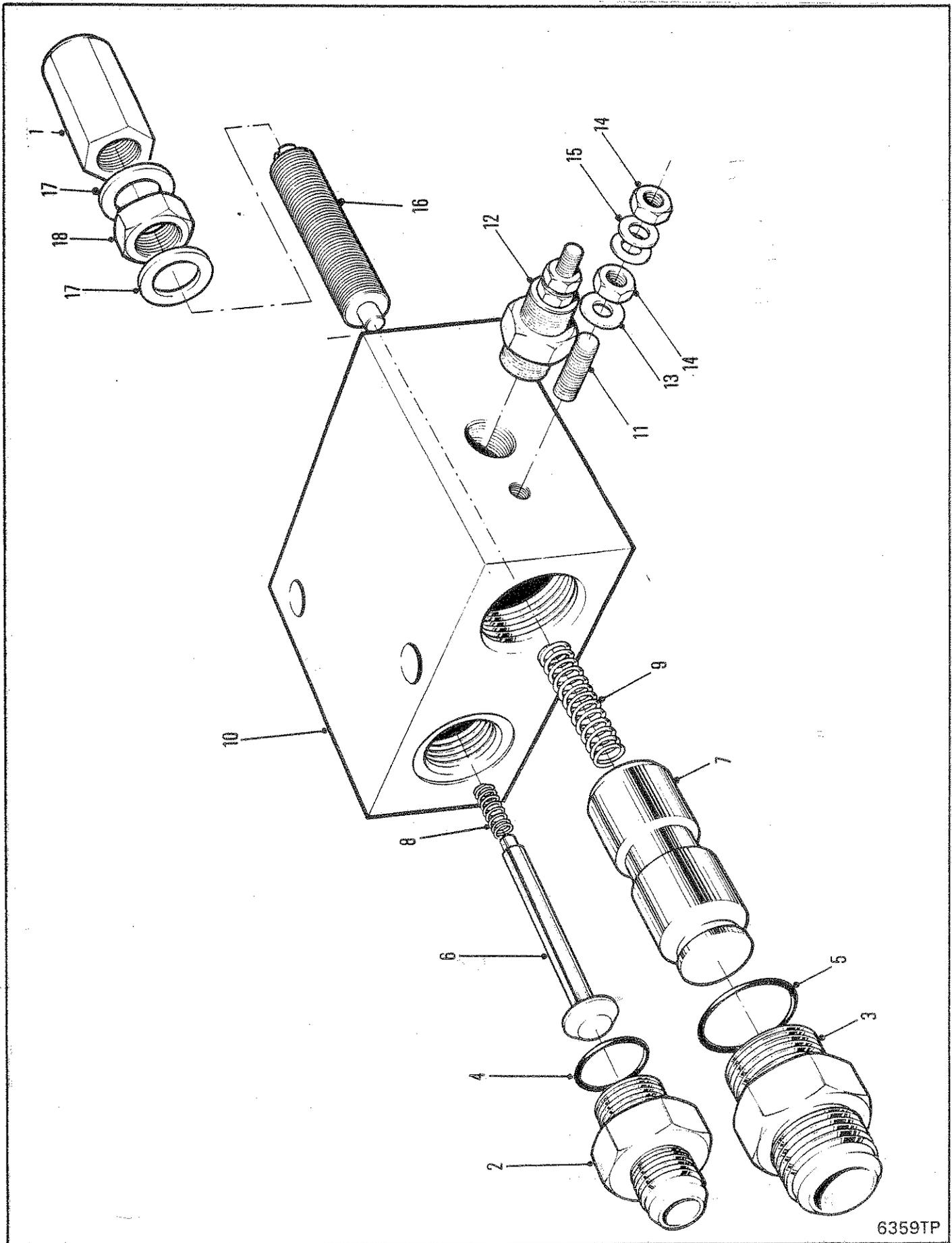


6515TP

**AUTOMATIC GRIP CONTROL SELECTOR VALVE - ON/OFF**  
**SOUPAPE DE COMMANDE DE CONTRÔLE AUTOMATIQUE DE LA POIGNÉE - MARCH/ARRÊT**  
**WÄHLVENTIL DER AUTOMATISCHEN GRIFFSTEUERUNG - EIN/AUS**  
**VÁLVULA SELETORA DO CONTROL DE PUNHO AUTOMÁTICO, ACENDER/APAGAR**  
**VÁLVULA SELETORA DO CONTROL AUTOMÁTICO DEL MANGO - ACENDIDO/APAGADO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1929729	1	Control valve	soupape de contrôle	Steuventil	válv de contr	valv de control
1	1992198	1	Spool	tiroir	Spule	carretel	carrete
2	1992197	1	Plug	bouchon	Stopfen	bujão	tapón
3	76K000113	1	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1992200	1	Spring	ressort	Feder	mola	resorte
5	1992167	1	Nut	écrou	Mutter	porca	tuerca
6	§-----	1	Housing	botier	Gehuse	carcaça	carcasa
7	76K000010	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc. 1 → 7

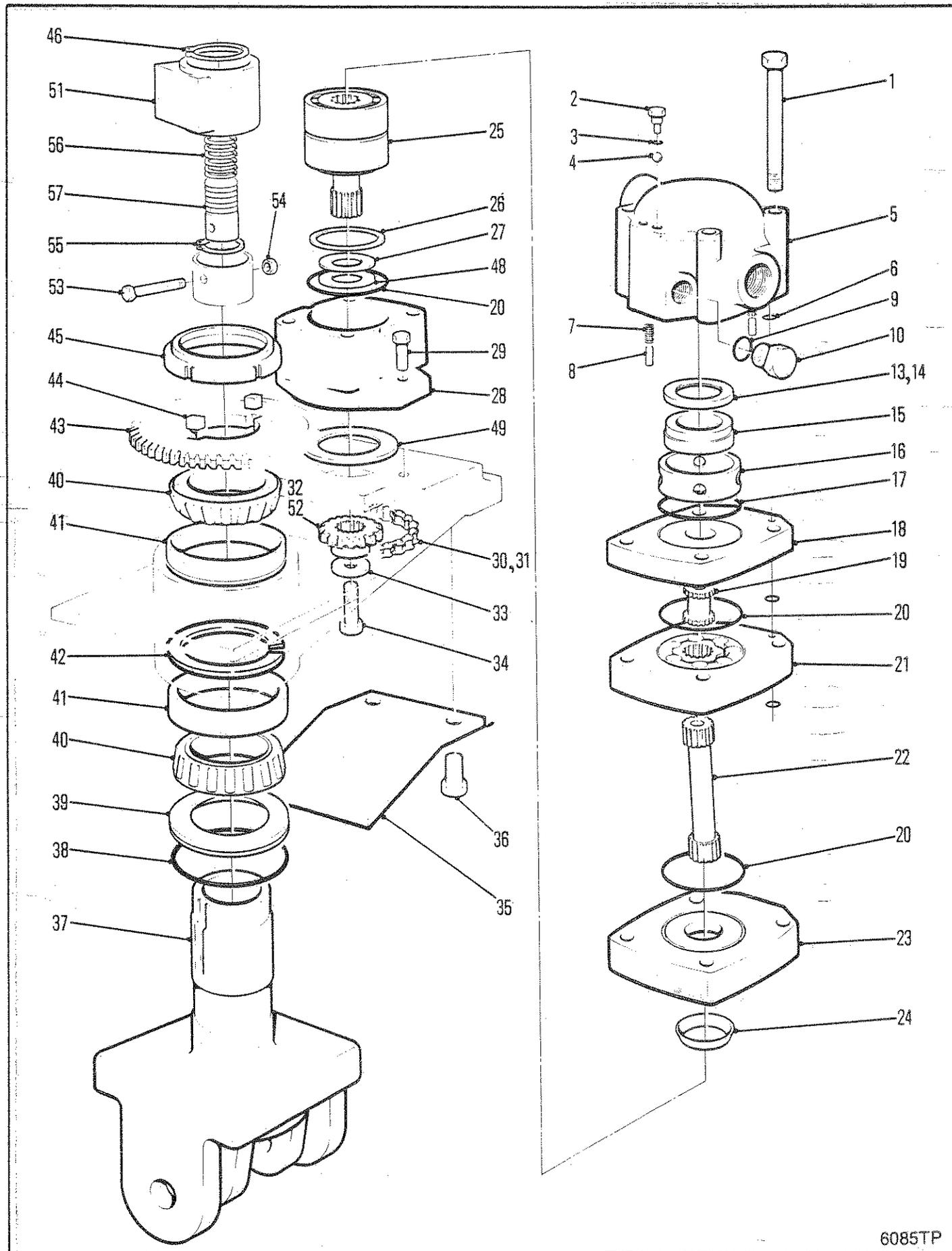


6359TP

**EMERGENCY STEERING CONTROL VALVE**  
**SOUPAPE DE CONTRÔLE DE DIRECTION DE SECOURS**  
**NOTLENKUNGSSTEUERVENTIL**  
**VÁLVULA DE CONTRÔLE DA DIREÇÃO DE EMERGÊNCIA**  
**VÁLVULA DE CONTROL DE LA DIRECCIÓN DE EMERGENCIA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12536430	1	Switch	interrupteur	Schalter	interruptor	interruptor
1	1992294	1	Cap	chapeau	Kappe	tampa	tapa
2	1992303	1	Seat	sigé	Sitz	assento	asiento
3	1992302	1	Seat	sigé	Sitz	assento	asiento
4	91F000008	1	O-ring	joint torique	O Ring	anel-O	anillo-O
5	91F000010	1	O-ring	joint torique	O Ring	anel-O	anillo-O
6	1992304	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
7	1992301	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
8	1992298	1	Spring	ressort	Feder	mola	resorte
9	1992297	1	Spring	ressort	Feder	mola	resorte
10	§-----	1	Body	carrosserie	Karosserie	carroçria	carrocería
11	1992299	1	Stud	goujon	Stift	prisioneiro	espárrago
12	1992300	1	Switch assy	interrupteur ens	Schalter vollst	interruptor conj	interruptor conj
13	13E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
14	897381	2	Nut	écrou	Mutter	porca	tuerca
15	868197	2	Washer	rondelle	Scheibe	arruela	arandela
16	1992296	1	Screw	vis	Schraube	parafuso	tornillo
17	1992295	2	Washer	rondelle	Scheibe	arruela	arandela
18	86F000003	1	Nut	écrou	Mutter	porca	tuerca

1 Inc 1 → 18



6085TP

**GRAPPLE ROTATING HEAD ASSEMBLY**  
**ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN**  
**GREIFERDREHKOPF VOLLSTÄNDIG**  
**CONJUNTO DE GARRAS DE CABEÇA ROTATIVA**  
**CONJUNTO DE CABEZA ROTATORIA DE AGARRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	5-----	1	Rotating head	tête rotatif	Drehkopf	cab rotativa	cab giratoria
1	2C000696	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1992108	2	Plug	bouchon	Stopfen	bujão	tapón
3	91F000002	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	10J000008	2	Ball	bille	Kugel	esfera	bola
5	1992089	1	Housing	botier	Gehuse	carcaça	carcasa
6	6513535	3	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992088	4	Spring	ressort	Feder	mola	resorte
8	1992102	2	Pin	goupille	Stift	pino	pasador
9	91F000003	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	1992105	1	Plug	bouchon	Stopfen	bujão	tapón
11	1†1992104	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
12	2†1992107	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
13	1992100	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	1992101	1	Seal	joint étanchéité	Dichtung	vedador	sello
15	1992087	1	Plate	plaque	Platte	placa	placa
16	1992086	1	Valve	soupape	Ventil	válvula	válvula
17	1992099	1	Seal	joint étanchéité	Dichtung	vedador	sello
18	1992084	1	Plate	plaque	Platte	placa	placa
19	1992085	1	Drive	entrainment	Antrieb	acionamento	mando
20	1992096	3	Seal	joint étanchéité	Dichtung	vedador	sello
21	1992083	1	Distributor	distributeur	Verteiler	distribuidor	distribuidor
22	1992082	1	Drive	entrainment	Antrieb	acionamento	mando
23	1992080	1	Plate	plaque	Platte	placa	placa
24	1992098	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	1992078	1	Shaft&brg	jeu darbre&roulement	Wellen- Lagersatz	jogo rolamento	juego árbol cojinete
26	1992079	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
27	1992407	1	Seal	joint étanchéité	Dichtung	vedador	sello
28	1992077	1	Housing	botier	Gehuse	carcaça	carcasa
29	73G000820	2	Bolt	boulon	Bolzen	parafuso	bulón
30	1935454	1	Chain	chane	Kette	corrente	cadena
31	†616502	1	Link	articulation	Gelenk	articulação	articulación
32	1927271	1	Sprocket 9T	empreinte 9T	9T Kettenrad	roda denteada 9T	rueda dentada 9T
33	872229	1	Washer	rondelle	Scheibe	arruela	arandela
34	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
35	1930742	1	Cover	couvercle	Deckel	tampa	tapa
36	33C000812	2	Bolt	boulon	Bolzen	parafuso	bulón
37	6†1935804	1	Shaft	arbre	Welle	ávore	árbol
38	25K040608	1	O-ring	joint torique	O Ring	anel-O	anillo-O
39	1928120	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
40	1318084	2	Cone	cône	Kegel	cone	cono
41	1318083	2	Cup	cuvette	Schale	capa	cubeta
42	7†1936209	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
43	1935381	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
44	7J007008	2	Key	clavette	Keil	chaveta	chaveta
45	1938931	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca

1 Inc 2, 3

2 Inc 9, 10

3 Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

4 □543C-505-CAC&⇒

5 Inc 1⇒28, 48 & 50 No longer available. For service replacement, order 1937742 Rotating head.

5 Inc 1⇒28, 48 & 50 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

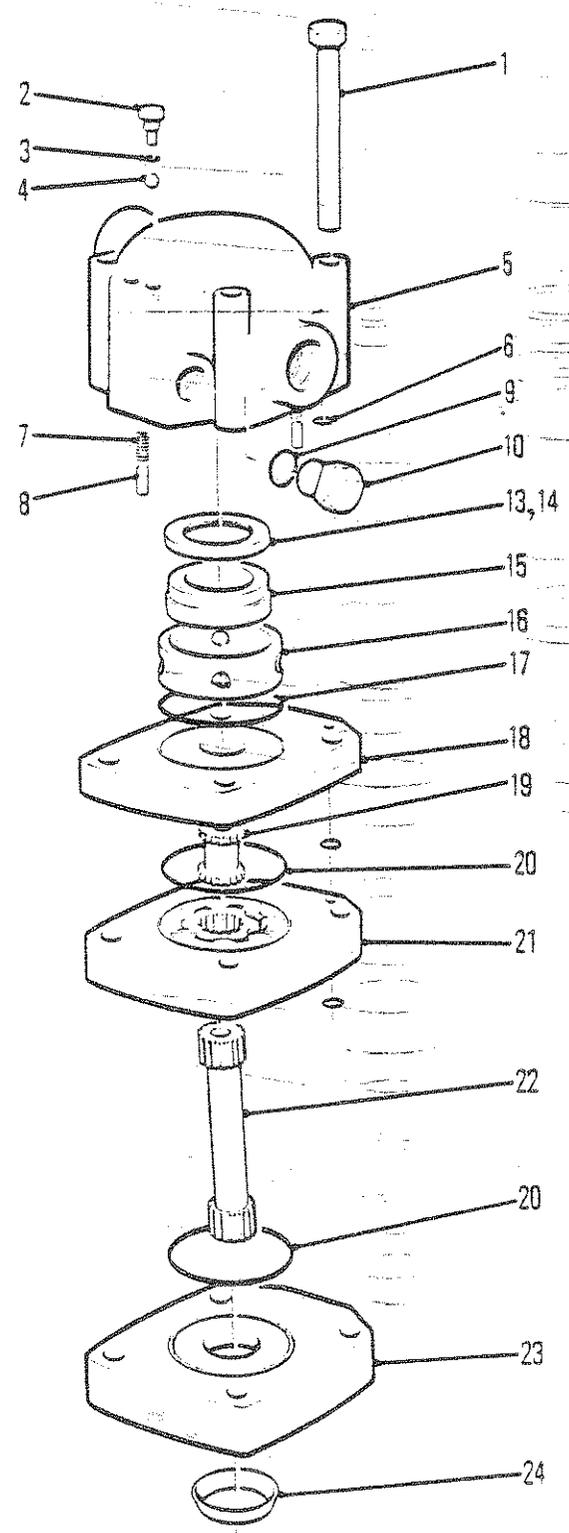
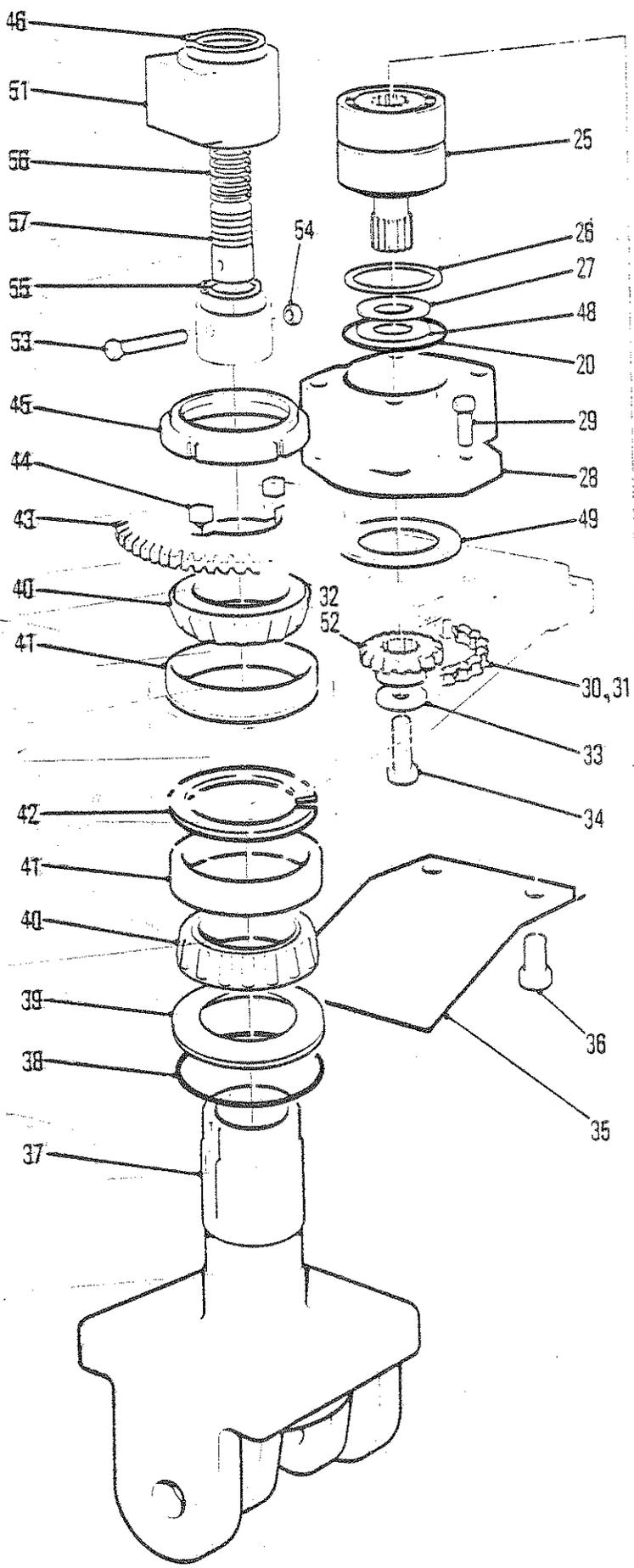
5 Inc 1⇒28, 48 & 50 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

5 Inc 1⇒28, 48 & 50 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

5 Inc 1⇒28, 48 & 50 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.

6 Ref S.B. Group 965, No. 07, 9/86.

7 Ref S.B. Group 965, No. 10, 9/86. □543A-101-CAC⇒543D-310-CAC



6085TP

**GRAPPLE ROTATING HEAD ASSEMBLY  
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN  
GREIFERDREHKOPF VOLLSTÄNDIG  
CONJUNTO DE GARRAS DE CABEÇA ROTATIVA  
CONJUNTO DE CABEZA ROTATORIA DE AGARRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	1935796	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
47	+10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
48	6630028	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
49	1992095	1	Seal	joint étanchéité	Dichtung	vedador	sello
50	3+6630079	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
51	1935470	1	Housing	botier	Gehuse	carcaça	carcasa
52	+1934875	1	Sprocket 8T	empreinte 8T	8T Kettenrad	roda denteada 8T	rueda dentada 8T
53	17C000880	1	Bolt	boulon	Boizen	parafuso	bulón
54	59D000008	1	Nut	écrou	Mutter	porca	tuerca
55	214337	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
56	1930909	6	Sealing Ring	bague d étancheté	Dichtungsring	anel de vedação	anillo de sello
57	1931698	1	Shaft	arbre	Welle	ávore	árbol

1 Inc 2, 3

2 Inc 9, 10

3 Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

4 □543C-505-CAC&⇒

5 Inc 1⇒28, 48 & 50 No longer available. For service replacement, order 1937742 Rotating head.

5 Inc 1⇒28, 48 & 50 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

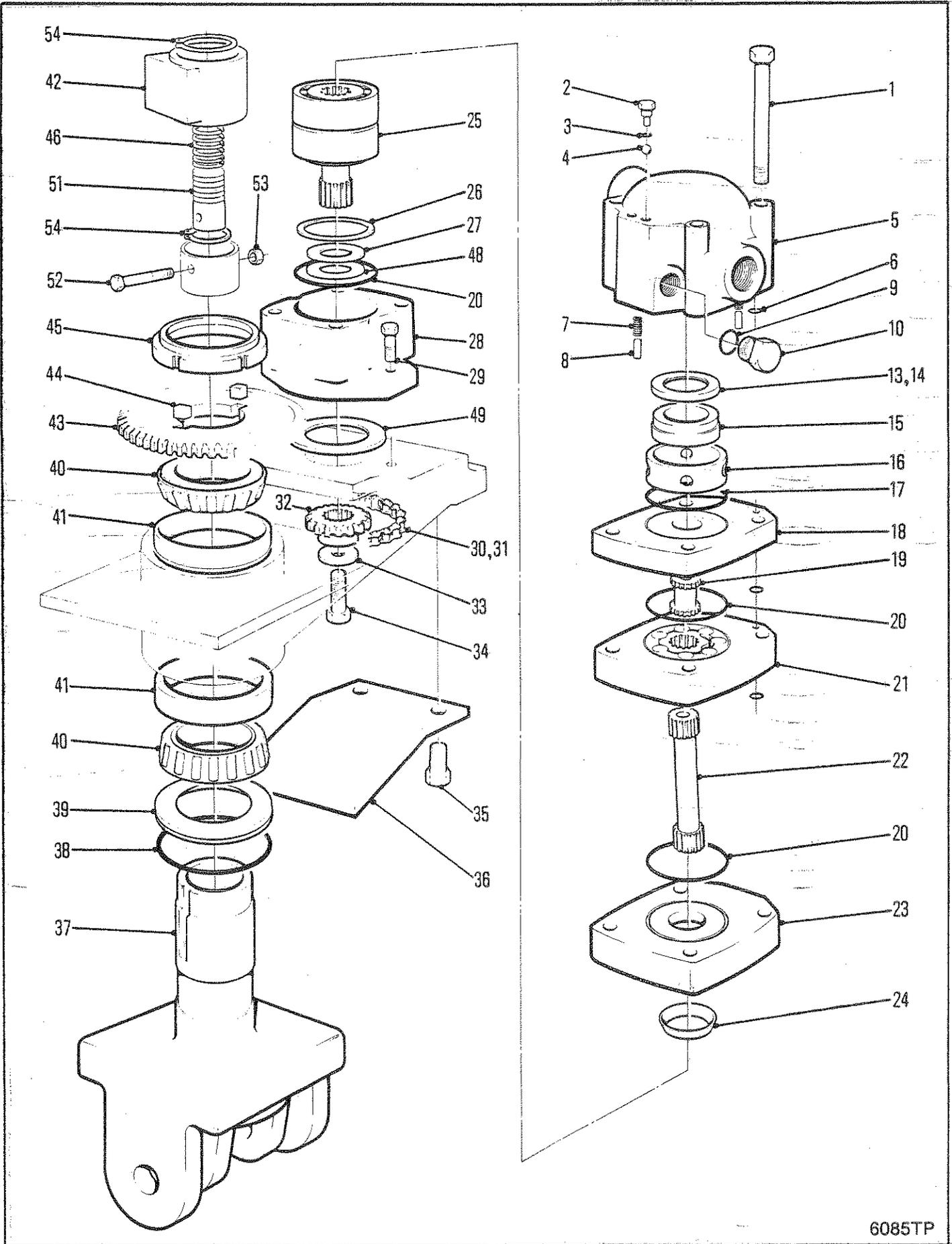
5 Inc 1⇒28, 48 & 50 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

5 Inc 1⇒28, 48 & 50 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

5 Inc 1⇒28, 48 & 50 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.

6 Ref S.B. Group 965, No. 07, 9/86.

7 Ref S.B. Group 965, No. 10, 9/86. □543A-101-CAC⇒543D-310-CAC



6085TP

**GRAPPLE ROTATING HEAD ASSEMBLY**  
**ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN**  
**GREIFERDREHKOPF VOLLSTÄNDIG**  
**CONJUNTO DE GARRAS DE CABEÇA ROTATIVA**  
**CONJUNTO DE CABEZA ROTATORIA DE AGARRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	5-----	1	Rotating head	tête rotatif	Drehkopf	cab rotativa	cab giratoria
1	2C000696	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1992108	2	Plug	bouchon	Stopfen	bujão	tapón
3	91F000002	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	10J000008	2	Ball	bille	Kugel	esfera	bola
5	1992089	1	Housing	botier	Gehuse	carcaça	carcasa
6	6513535	3	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992088	4	Spring	ressort	Feder	mola	resorte
8	1992102	2	Pin	goupille	Stift	pino	pasador
9	91F000003	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	1992105	1	Plug	bouchon	Stopfen	bujão	tapón
11	1†1992104	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
12	2†1992107	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
13	1992100	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	1992101	1	Seal	joint étanchéité	Dichtung	vedador	sello
15	1992087	1	Plate	plaque	Platte	placa	placa
16	1992086	1	Valve	soupape	Ventil	válvula	válvula
17	1992099	1	Seal	joint étanchéité	Dichtung	vedador	sello
18	1992084	1	Plate	plaque	Platte	placa	placa
19	1992085	1	Drive	entrainment	Antrieb	acionamento	mando
20	1992096	3	Seal	joint étanchéité	Dichtung	vedador	sello
21	1992083	1	Distributor	distributeur	Verteiler	distribuidor	distribuidor
22	1992082	1	Drive	entrainment	Antrieb	acionamento	mando
23	1992080	1	Plate	plaque	Platte	placa	placa
24	1992098	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	1992078	1	Shaft&brg	jeu darbre&roulement	Wellen- Lagersatz	jogo rolamento	juego árbol cojinete
26	1992079	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
27	1992407	1	Seal	joint étanchéité	Dichtung	vedador	sello
28	1992077	1	Housing	botier	Gehuse	carcaça	carcasa
29	73G000820	2	Bolt	boulon	Bolzen	parafuso	bulón
30	1935454	1	Chain	chane	Kette	corrente	cadena
31	†616502	1	Link	articulation	Gelenk	articulação	articulación
32	1934875	1	Sprocket 8T	empreinte 8T	8T Kettenrad	roda denteada 8T	rueda dentada 8T
33	872229	1	Washer	rondelle	Scheibe	arruela	arandela
34	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
35	1930742	1	Cover	couvercle	Deckel	tampa	tapa
36	33C000812	2	Bolt	boulon	Bolzen	parafuso	bulón
37	†1937460	1	Main shaft	arbre principal	Hauptwelle	eixo principal	árbol moto
38	25K040608	1	O-ring	joint torique	O Ring	anel-O	anillo-O
39	1928120	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
40	1318084	2	Cone	cône	Kegel	cone	cono

1 Inc 2, 3

2 Inc 9, 10

3 Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

4 Ref S.B. Group 965, No. 07, 9/86.

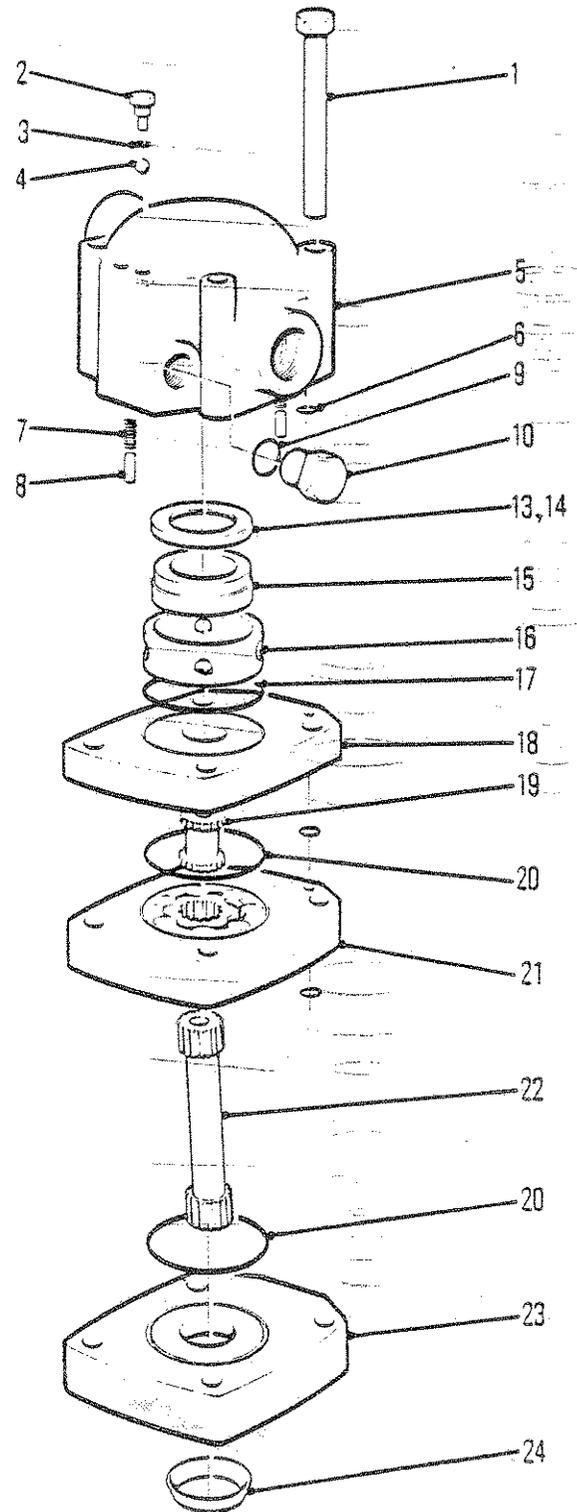
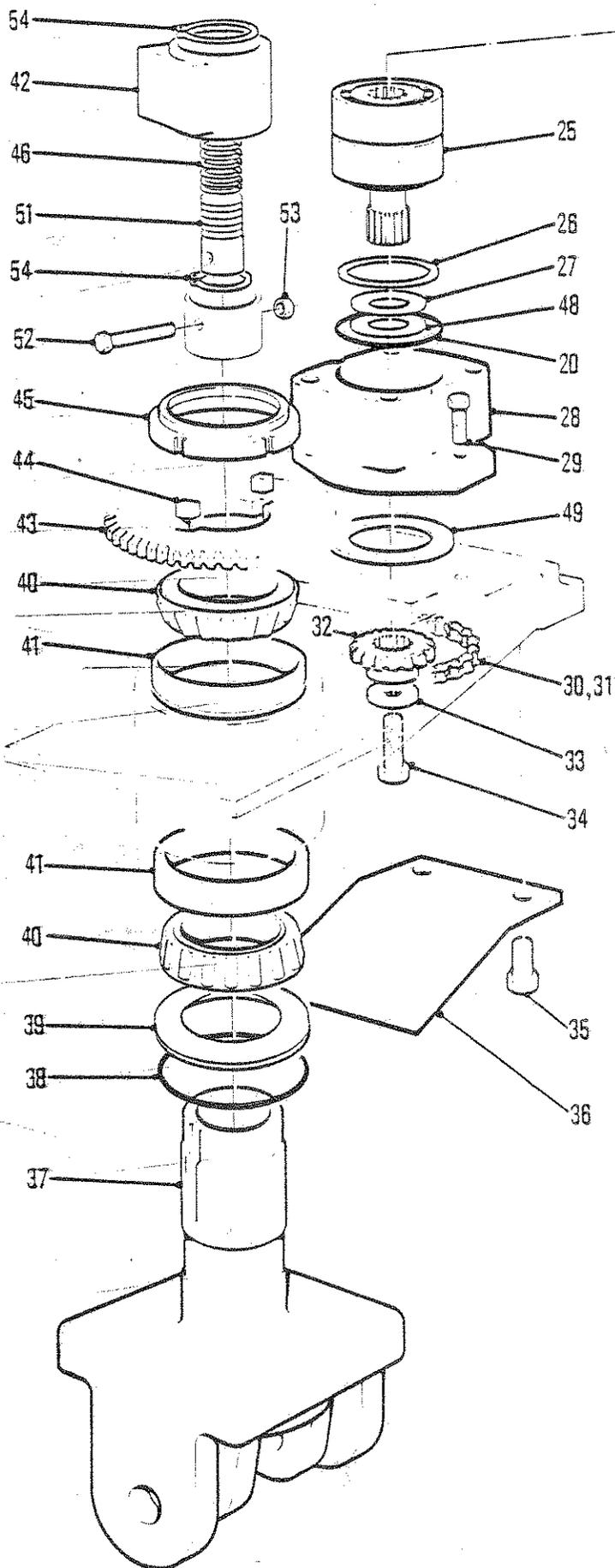
5 Inc 1⇒28, 48 & 50 No longer available. For service replacement, order 1937742 Rotating head.

5 Inc 1⇒28, 48 & 50 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

5 Inc 1⇒28, 48 & 50 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

5 Inc 1⇒28, 48 & 50 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

5 Inc 1⇒28, 48 & 50 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.



6085TP

**GRAPPLE ROTATING HEAD ASSEMBLY  
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN  
GREIFERDREHKOPF VOLLSTÄNDIG  
CONJUNTO DE GARRAS DE CABEÇA ROTATIVA  
CONJUNTO DE CABEZA ROTATORIA DE AGARRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	1318083	2	Cup	cuvette	Schale	capa	cubeta
42	1935470	1	Housing	botier	Gehuse	carcaça	carcasa
43	1935381	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
44	7J007008	2	Key	clavette	Keil	chaveta	chaveta
45	1938931	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
46	1930909	6	Sealing Ring	bague d étanchéité	Dichtungsring	anel de vedação	anillo de sello
47	†10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
48	6630028	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
49	1992095	1	Seal	joint étanchéité	Dichtung	vedador	sello
50	‡6630079	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
51	1931698	1	Shaft	arbre	Welle	ávore	árbol
52	17C000880	1	Bolt	boulon	Bolzen	parafuso	bulón
53	85D000008	1	Nut	écrou	Mutter	porca	tuerca
54	214337	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención

† Inc 2, 3

‡ Inc 9, 10

‡ Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

‡ Ref S.B. Group 965, No. 07, 9/86.

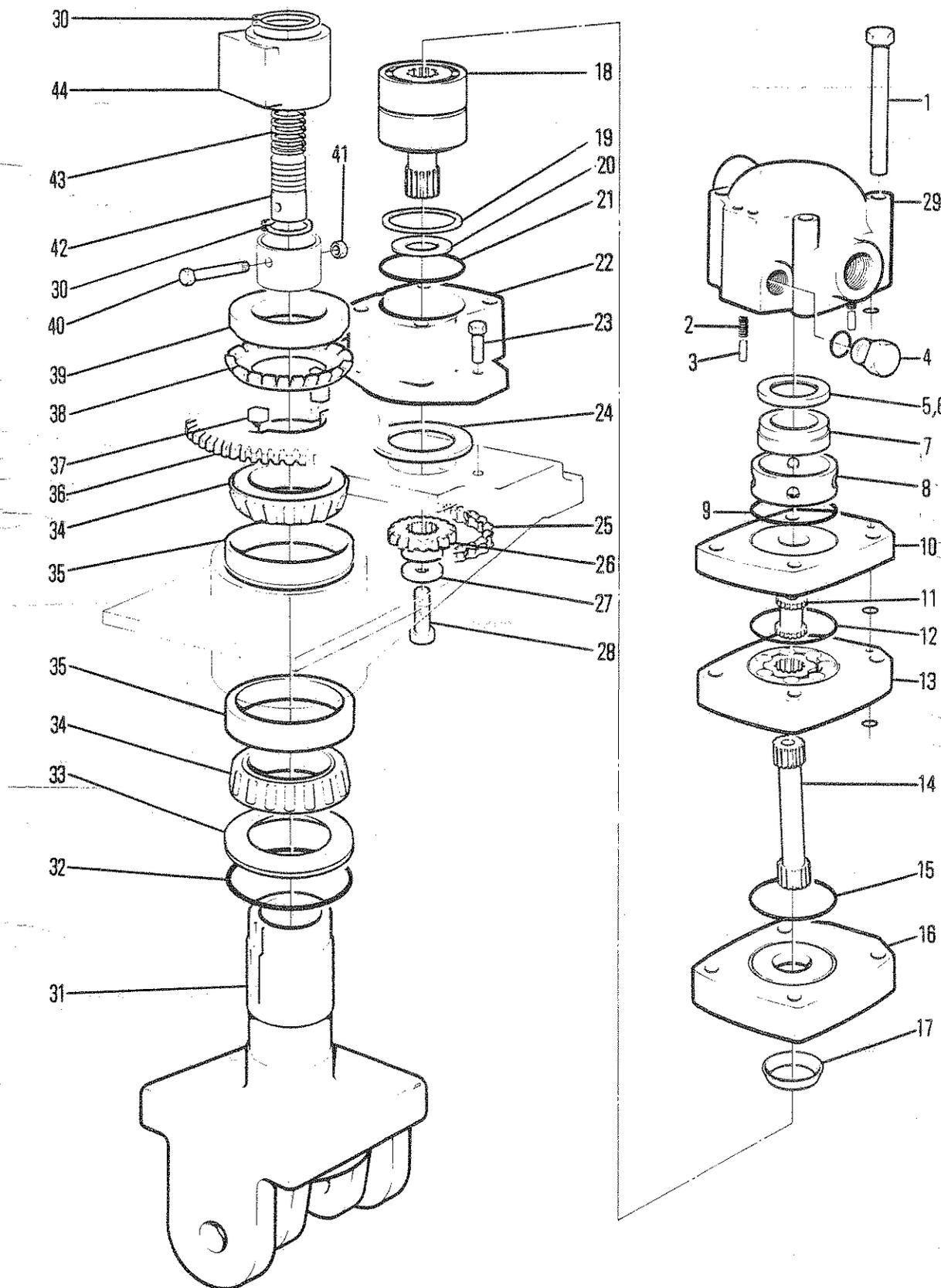
‡ Inc 1⇒28, 48 & 50 No longer available. For service replacement, order 1937742 Rotating head.

‡ Inc 1⇒28, 48 & 50 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

‡ Inc 1⇒28, 48 & 50 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

‡ Inc 1⇒28, 48 & 50 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

‡ Inc 1⇒28, 48 & 50 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.

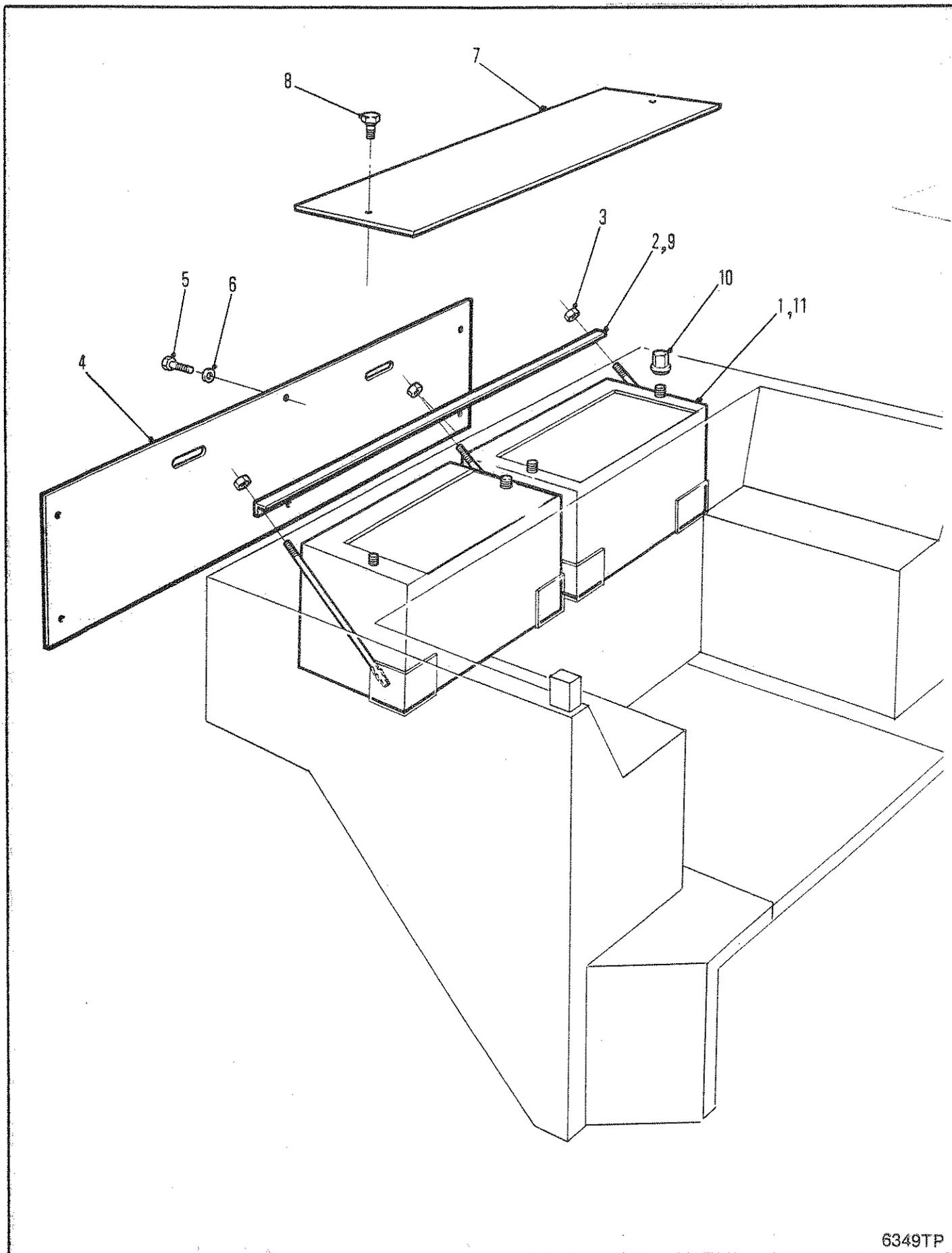


6085TP

**GRAPPLE ROTATING HEAD ASSEMBLY**  
**ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN**  
**GREIFERDREHKOPF VOLLSTÄNDIG**  
**CONJUNTO DE GARRAS DE CABEÇA ROTATIVA**  
**CONJUNTO DE CABEZA ROTATORIA DE AGARRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937742	1	Rotating head	tête rotatif	Drehkopf	cab rotativa	cab giratoria
B	1992489	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	1992487	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1992088	2	Spring	ressort	Feder	mola	resorte
3	1992102	2	Pin	goupille	Stift	pino	pasador
4	1992104	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
5	1992100	1	Seal	joint étanchéité	Dichtung	vedador	sello
6	1992486	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992485	1	Ring	anneau	Ring	anel	anillo
8	1992484	1	Valve	soupape	Ventil	válvula	válvula
9	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	1992483	1	Plate	plaque	Platte	placa	placa
11	1992084	1	Valve	soupape	Ventil	válvula	válvula
12	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
13	1992482	1	Plate	plaque	Platte	placa	placa
14	1992481	1	Shaft	arbre	Welle	ávore	árbol
15	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
16	1992480	1	Plate	plaque	Platte	placa	placa
17	1992098	1	Seal	joint étanchéité	Dichtung	vedador	sello
18	1992479	1	Shaft&brg	jeu darbre&roulement	Wellen- Lagersatz	jogo rolamento	juego árbol cojinete
19	1992097	1	Seal	joint étanchéité	Dichtung	vedador	sello
20	1992407	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
21	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
22	1992478	1	Housing	botier	Gehuse	carcaça	carcasa
23	73G000820	2	Bolt	boulon	Bolzen	parafuso	bulón
24	1992095	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	1935454	1	Chain	chane	Kette	corrente	cadena
26	1934875	1	Sprocket 8T	empreinte 8T	8T Kettenrad	roda denteada 8T	rueda dentada 8T
27	872229	1	Washer	rondelle	Scheibe	arruela	arandela
28	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
29	1992488	1	Housing	botier	Gehuse	carcaça	carcasa
30	214337	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
31	1937933	1	Main shaft	arbre principal	Hauptwelle	eixo principal	árbol moto
32	1937938	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
33	1937936	1	Seal	joint étanchéité	Dichtung	vedador	sello
34	1937934	1	Bearing	palier	Lager	mancal	cojinete
35	1318083	2	Cup	cuvette	Schale	capa	cubeta
36	1318084	1	Cone	cône	Kegel	cone	cono
37	1935381	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
38	7J007008	2	Key	clavette	Keil	chaveta	chaveta
39	1938931	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
40	17C000880	1	Bolt	boulon	Bolzen	parafuso	bulón
41	59D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
42	1931698	1	Shaft	arbre	Welle	ávore	árbol
43	1930909	6	Sealing Ring	bague d étancheté	Dichtungsring	anel de vedação	anillo de sello
44	1935470	1	Housing	botier	Gehuse	carcaça	carcasa

1 Inc 1 → 24 & 29



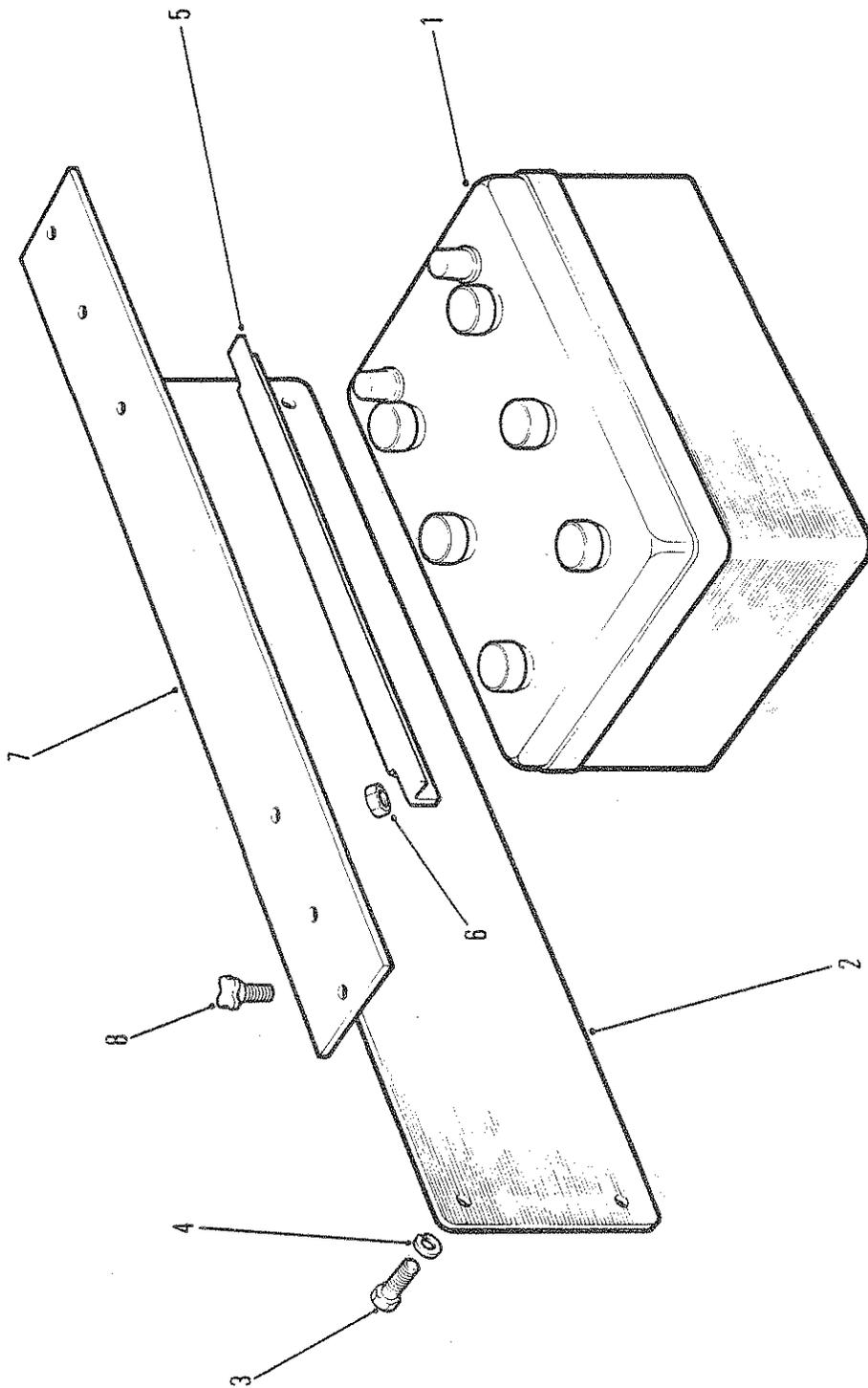
6349TP

**BATTERY & BATTERY MOUNT  
BATTERIE & FIXATION DE BATTERIE  
BATTERIE & BATTERIEHALTERUNG  
BATERIA & MONTAGEM DA BATERIA  
BATERÍA & MONTAJE DE BATERÍA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1992460	1	Battery	batterie	Batterie	bateria	bateria
2	1935160	1	Retainer	arrêtoir	Halterung	retentor	retén
3	59D000005	3	Nut	écrou	Mutter	porca	tuerca
4	1935147	1	Plate	plaque	Platte	placa	placa
5	17C000616	5	Bolt	boulon	Bolzen	parafuso	bulón
6	27E000006	5	Washer	rondelle	Scheibe	arruela	arandela
7	1935144	1	Plate	plaque	Platte	placa	placa
8	1931568	2	Knob	bouton	Knopf	manipula	botón
9	1935143	1	Retainer	arrêtoir	Halterung	retentor	retén
10	2557834	2	Nut	écrou	Mutter	porca	tuerca
11	2966517	1	Battery	batterie	Batterie	bateria	bateria

- 1  Cummins only
- 1  Cummins seulement
- 1  Nur Cummins
- 1  Cummins somente
- 1  Cummins solamente

- 2  556G-101-CAC & →



6496TP

**BATTERY & BATTERY MOUNT  
 BATTERIE & FIXATION DE BATTERIE  
 BATTERIE & BATTERIEHALTERUNG  
 BATERIA & MONTAGEM DA BATERIA  
 BATERÍA & MONTAJE DE BATERÍA**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1992420	1	Battery	batterie	Batterie	bateria	batería
2	1935147	1	Plate	plaque	Platte	placa	placa
3	17C000616	5	Bolt	bouion	Bolzen	parafuso	bulón
4	27E000006	5	Washer	rondelle	Scheibe	arruela	arandela
5	1935160	1	Retainer	arrêtoir	Halterung	retentor	retén
6	85D000005	2	Nut	écrou	Mutter	porca	tuerca
7	1935144	1	Plate	plaque	Platte	placa	placa
8	1931568	2	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa

666GM  
 666GMGR

548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

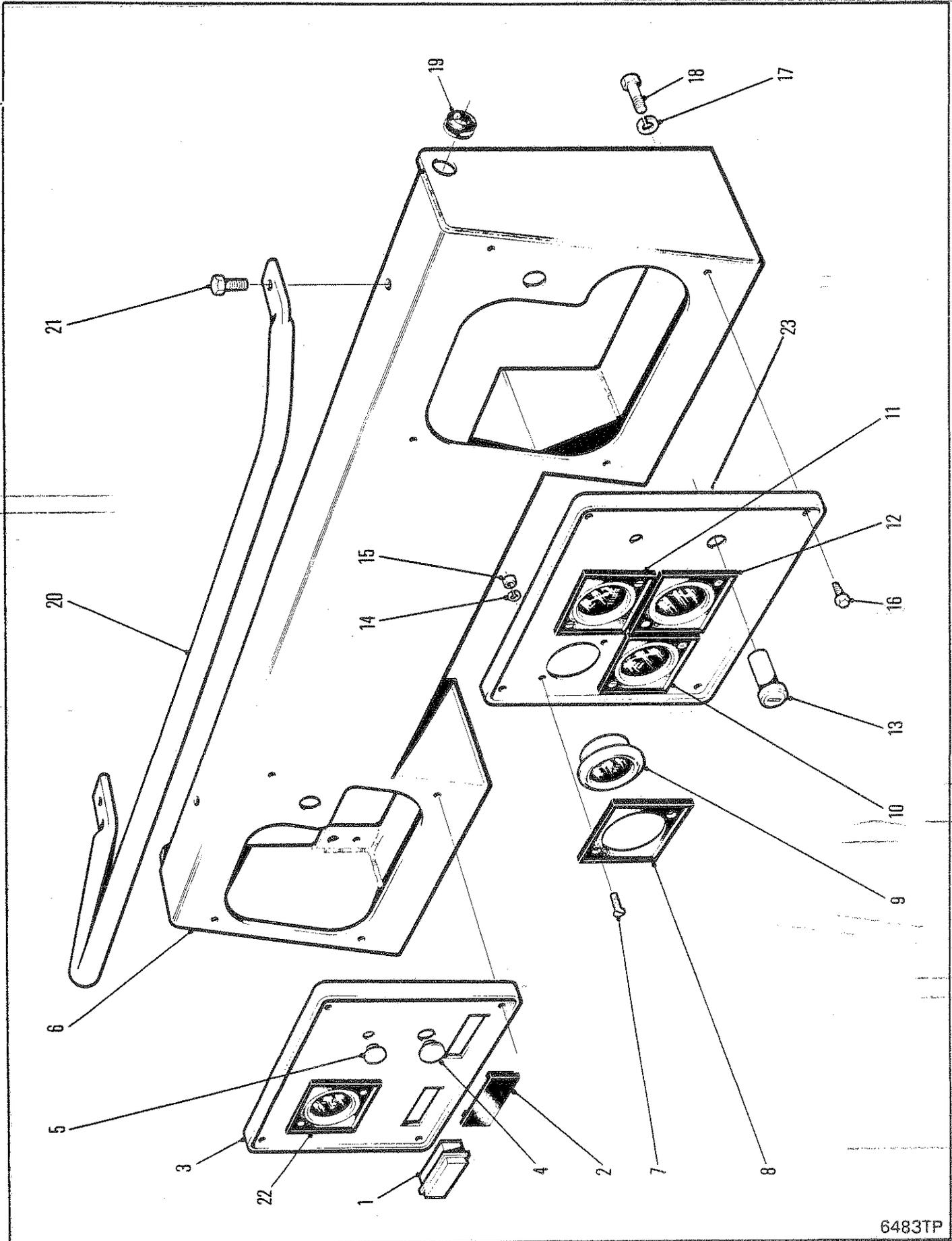
552A-101-CAC⇒552A-9999-CAC

Ref 06496TP

003-83

3 B 8

GROUP F 1 11300



6483TP

**INSTRUMENT PANEL  
TABLEAU DE BORD  
INSTRUMENTENBRETT  
PAINEL DE INSTRUMENTOS  
PANEL DE INSTRUMENTOS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1923545	1	Light	lampe	Licht	lâmpada	lámpara
2	1930348	1	Plug	bouchon	Stopfen	bujão	tapón
3	1935232	1	Inst panel LH	tableau de bord CG	Armaturen Brett L	painel inst LE	tablero inst LI
4	1933988	1	Plug	bouchon	Stopfen	bujão	tapón
5	6513640	1	Plug	bouchon	Stopfen	bujão	tapón
6	1933915	1	Inst panel	tableau de bord	Instrumentenbrett	painel de instrumentos	panel instrumentos
6A	1938414	1	Panel	panneau	Tafel	painel	panel
7	85G000610	10	Screw	vis	Schraube	parafuso	tornillo
8	2515307	5	Face plate	plaque desurface	frontplatte	chapa da sup	placa de frente
9	1922971	1	Gauge oil press	jauge press huile mot	Öldruckmesser Mot	manôm óleo motor	manôm aceite motor
10	1922969	1	Conv oil temp	conv temp huile	Wandler öltemp	conv temp óleo	conv temp ace
11	1922993	1	Ammeter	ampremtre	Amperemeter	amperímetro	amperímetro
11A	16006566	1	Voltmeter	voltmètre	Voltmeter	voltímetro	voltímetro
12	1933284	1	Water temp	convert eau	Wandler Wasser-	conv temp água	conv temp agua
13	1929711	1	Ignition switch	interr dallumage	Zundschalter	chava de ignição	inter encendido
14	12E000006	10	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
15	12D000006	10	Nut	écrou	Mutter	porca	tuerca
16	84G001608	8	Screw	vis	Schraube	parafuso	tornillo
17	27E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
19	1934050	2	Grommet	oeillet	Augenring	ilhó	arandela pasacable
20	1935860	1	Grab handle	grappin	Haltegriff	garra da maçaneta	manija de agarre
21	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
22	2524589	1	Hourmeter	compteur dheures	Stundenzähler	horímetro	cuenta-horas
23	1933913	1	Inst Panel RH	tableau de bord CD	Armaturenbrett R	painel inst LD	tablero inst LD

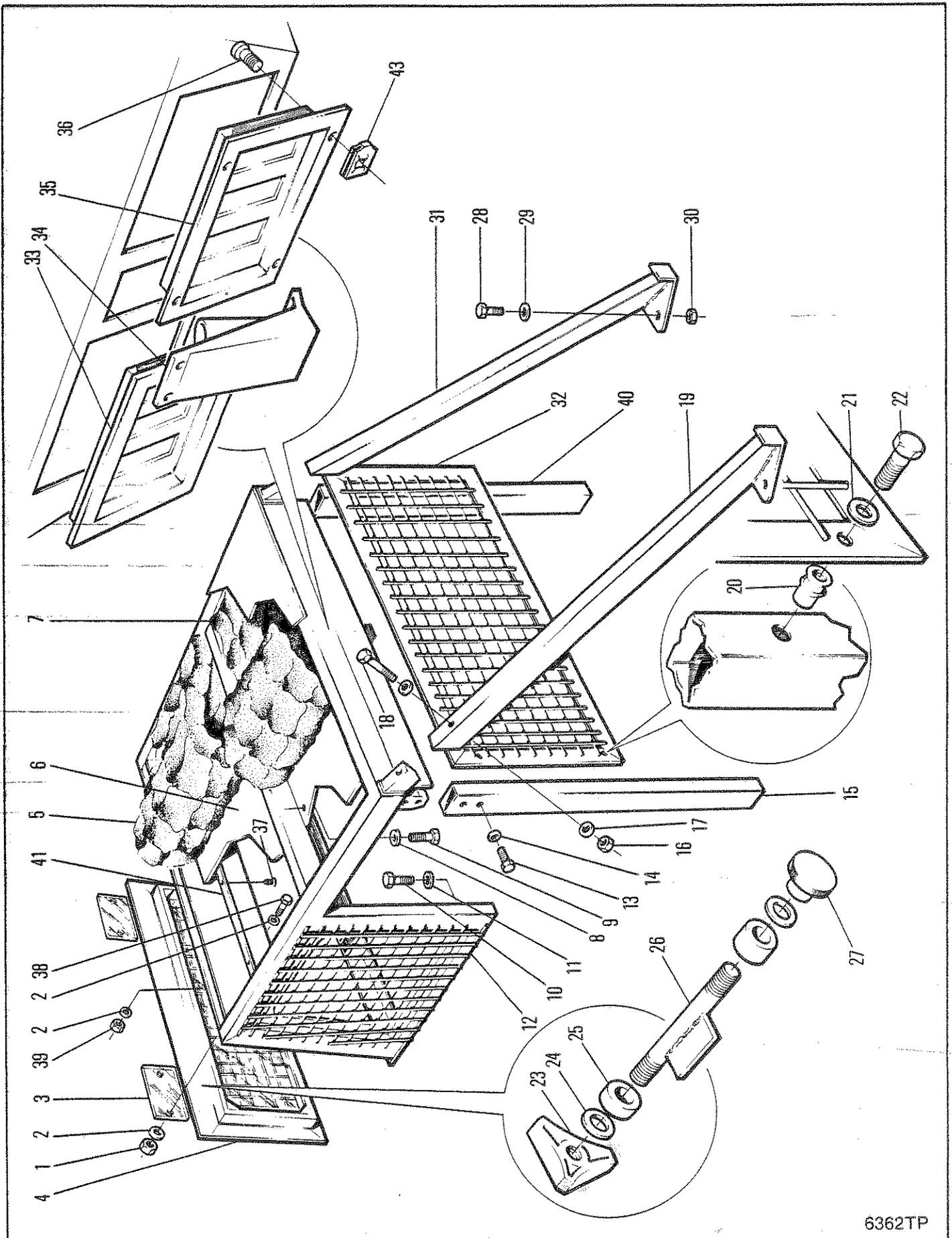
1 □ 559B-101-CAC&⇒, 555B-101-CAC&⇒, 564B-101-CAC&⇒

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC

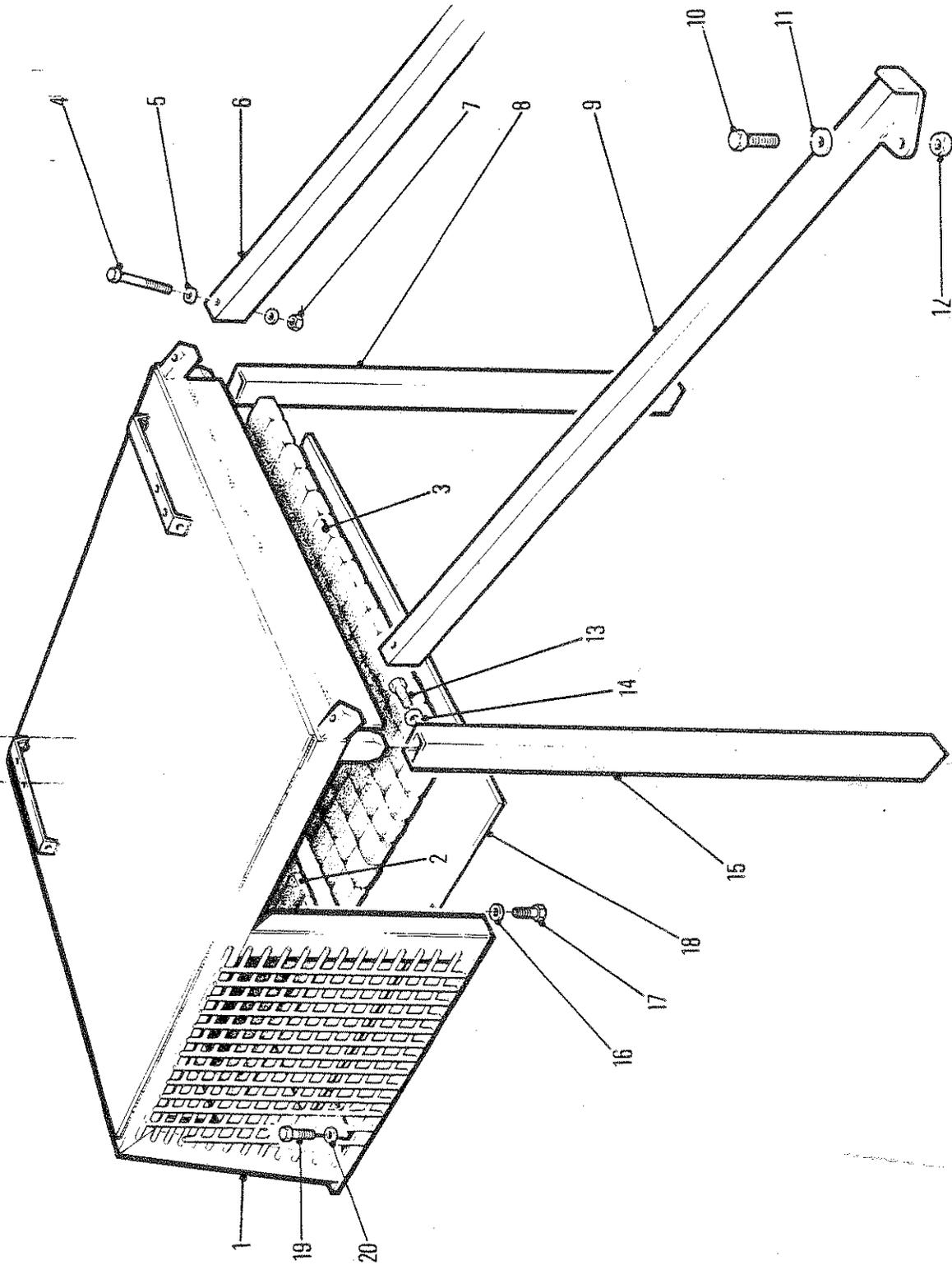
552A-101-CAC⇒552A-9999-CAC



6362TP

**CANOPY** ☒  
**DAIS** ☒  
**SCHUTZDACH** ☒  
**DOSSSEL** ☒  
**DOSEL** ☒

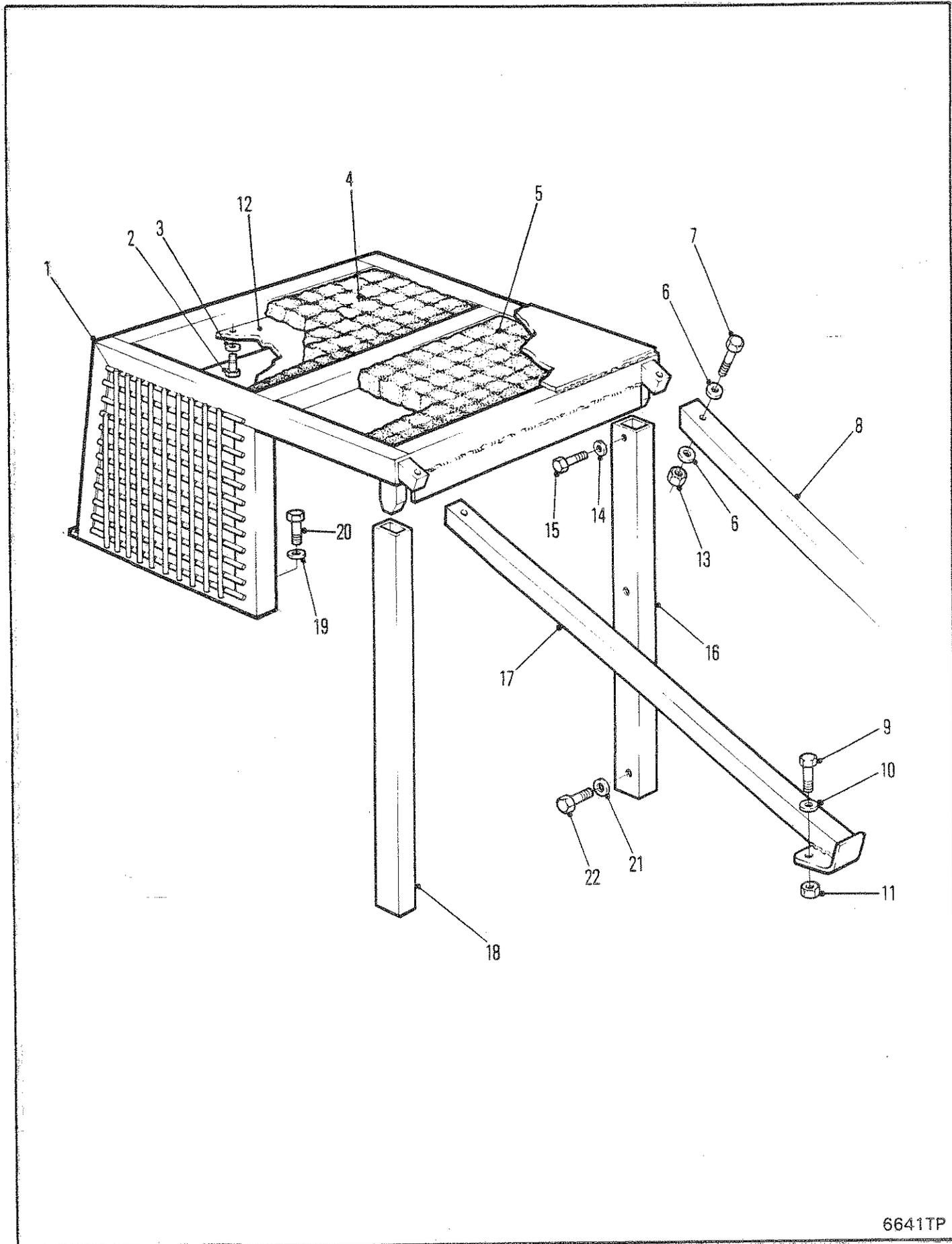
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	59D000008	4	Nut	écrou	Mutter	porca	tuerca
2	2354558	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
3	1933584	2	Lens	lentil	Linse	lente	lente
4	1931576	1	Screen	crible	Sieb	tela	tamiz
5	1931494	1	Insulation	isolation	Isolierung	isolamento	aislación
6	1931491	1	Cover	couvercle	Deckel	tampa	tapa
7	1932896	1	Insulation	isolation	Isolierung	isolamento	aislación
8	27E000006	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
9	17C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
10	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
12	1933220	1	Canopy	dais	Schutzdach	dossel	dosel
13	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	1936268	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
16	85D000010	2	Nut	écrou	Mutter	porca	tuerca
17	25E000025	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
18	17C001068	2	Bolt	boulon	Bolzen	parafuso	bulón
19	1936819	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
20	1929486	6	Nut	écrou	Mutter	porca	tuerca
21	27E000006	12	Washer	rondelle	Scheibe	arruela	arandela
22	33C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
23	1931434	3	Knob	bouton	Knopf	manípula	botón
24	1929619	6	Washer	rondelle	Scheibe	arruela	arandela
25	2500879	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
26	1931577	3	Rod	tige	Stange	varão	varilla
27	1931593	3	Knob	bouton	Knopf	manípula	botón
28	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000010	8	Washer	rondelle	Scheibe	arruela	arandela
30	59D000010	6	Nut	écrou	Mutter	porca	tuerca
31	1931467	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
32	1933169	1	Screen	crible	Sieb	tela	tamiz
33	1930285	1	Panel	panneau	Tafel	painel	panel
34	1930286	1	Cover	couvercle	Deckel	tampa	tapa
35	1930284	1	Panel	panneau	Tafel	painel	panel
36	84G001610	12	Screw	vis	Schraube	parafuso	tornillo
37	84G001610	4	Screw	vis	Schraube	parafuso	tornillo
38	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
39	59D000004	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
40	1931473	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
41	1931492	1	Cover	couvercle	Deckel	tampa	tapa
42	25E000013	4	Washer	rondelle	Scheibe	arruela	arandela
43	1937570	8	Nut	écrou	Mutter	porca	tuerca



6542TP

**CANOPY  
DAIS  
SCHUTZDACH  
DOSSEL  
DOSEL**

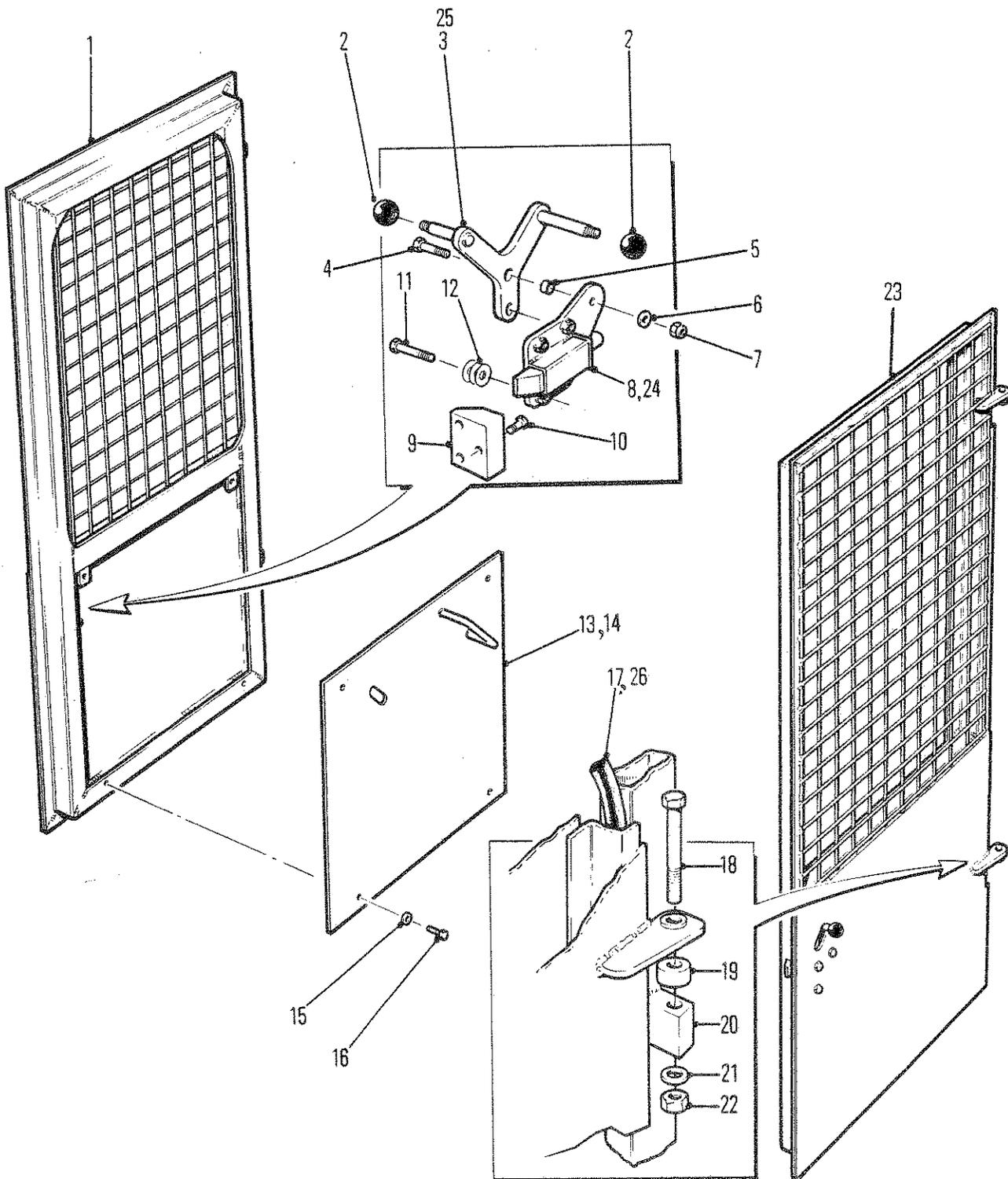
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935235	1	Canopy	dais	Schutzdach	dossel	dosel
2	1931494	1	Insulation	isolation	Isolierung	isolamento	aislación
3	1932896	1	Insulation	isolation	Isolierung	isolamento	aislación
4	17C001072	2	Bolt	boulon	Bolzen	parafuso	bulón
5	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	1937103	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
7	85D000010	2	Nut	écrou	Mutter	porca	tuerca
8	1931473	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
9	1936819	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
10	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
11	27E000010	8	Washer	rondelle	Scheibe	arruela	arandela
12	59D000010	4	Nut	écrou	Mutter	porca	tuerca
13	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	1931474	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
16	27E000006	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
18	1935123	1	Plate	plaque	Platte	placa	placa
19	17C001024	6	Bolt	boulon	Bolzen	parafuso	bulón
20	27E000010	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana



6641TP

**CANOPY  
DAIS  
SCHUTZDACH  
DOSEL  
DOSEL**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1937451	1	Canopy	dais	Schutzdach	dosel	dosel
2	17C000616	6	Bolt	boulon	Bolzen	parafuso	bulón
3	27E000006	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
4	1931494	1	Insulation	isolation	Isolierung	isolamento	aislación
5	1932896	1	Insulation	isolation	Isolierung	isolamento	aislación
6	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	17C001068	2	Bolt	boulon	Bolzen	parafuso	bulón
8	1936819	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
9	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000010	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	59D000010	4	Nut	écrou	Mutter	porca	tuerca
12	1935123	1	Cover	couvercle	Deckel	tampa	tapa
13	59D000010	2	Nut	écrou	Mutter	porca	tuerca
14	25E000025	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
16	1936268	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
17	1937103	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
18	1936269	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
19	27E000010	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	17C001024	6	Bolt	boulon	Bolzen	parafuso	bulón
21	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
22	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón



6388TP

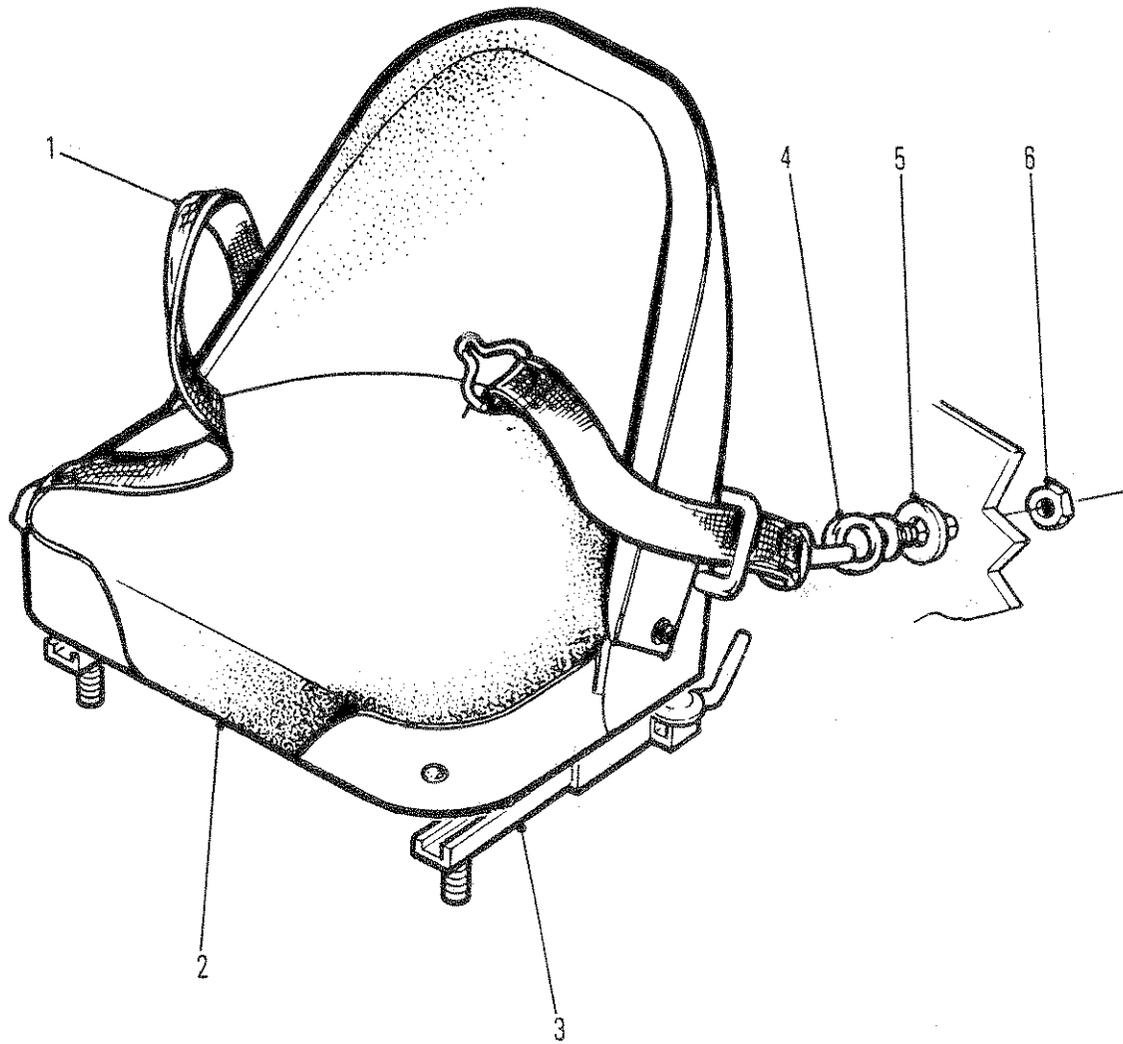
**DOOR ASSEMBLY** ☒  
**ENSEMBLE PORTE** ☒  
**TÜR VOLLSTÄNDIG** ☒  
**CONJUNTO DA PORTA** ☒  
**CONJUNTO DE PUERTA** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1931813	1	Door assy LH	porte ens cg	Tür vollst L	porta conj le	puerta conj li
2	565389	4	Knob	bouton	Knopf	manípula	botón
3	1929472	1	Lever assy LH	levier ens G	Hebel vollst L	alavanca conj LE	palanca conj LI
4	17C000624	1	Bolt	boulon	Bolzen	parafuso	bulón
5	1300863	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	27E000006	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	85D000006	1	Nut	écrou	Mutter	porca	tuerca
8	1929476	1	Plate LH	plaque CG	Platte L	placa LE	placa LI
9	1929515	2	Striker	arrêt-serrure	Schloss-Sperre	batente fechadura	batiente cerradura
10	17C000628	6	Bolt	boulon	Bolzen	parafuso	bulón
11	17C000628	3	Bolt	boulon	Bolzen	parafuso	bulón
12	763810	12	Shim	cale	Beilage	calço	planchita
13	1931831	1	Panel assy LH	panneau ens G	Tafel vollst L	painel conj LE	panel conj LI
14	†1931830	1	Panel assy RH	panneau ens D	Tafel vollst R	painel conj LD	panel conj LD
15	27E000006	8	Washer	rondelle	Scheibe	arruela	arandela
16	17C000612	8	Bolt	boulon	Bolzen	parafuso	bulón
17	‡1922363	-	Seal-152 in.	joint étancht-152 in.	Dichtung-152 in.	vedador-152 in.	sello-152 in.
18	18C000864	4	Bolt	boulon	Bolzen	parafuso	bulón
19	791585	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
20	1929516	4	Block	bloc	Block	bloco	bloque
21	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
22	86D000008	4	Nut	écrou	Mutter	porca	tuerca
23	1931558	1	Door assy RH	porte ens CD	Tür vollst R	porta conj LD	puerta conj LD
24	†1929475	1	Plate RH	plaque CD	Platte R	placa LD	placa LD
25	†1929471	1	Lever assy RH	levier ens D	Hebel vollst R	alavanca conj LD	palanca conj LD
26	1914520	-	Seal-100 In.	joint étancht-100"	Dichtung-100 in.	vedador-100 in.	sello-100 in.

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



6527TP

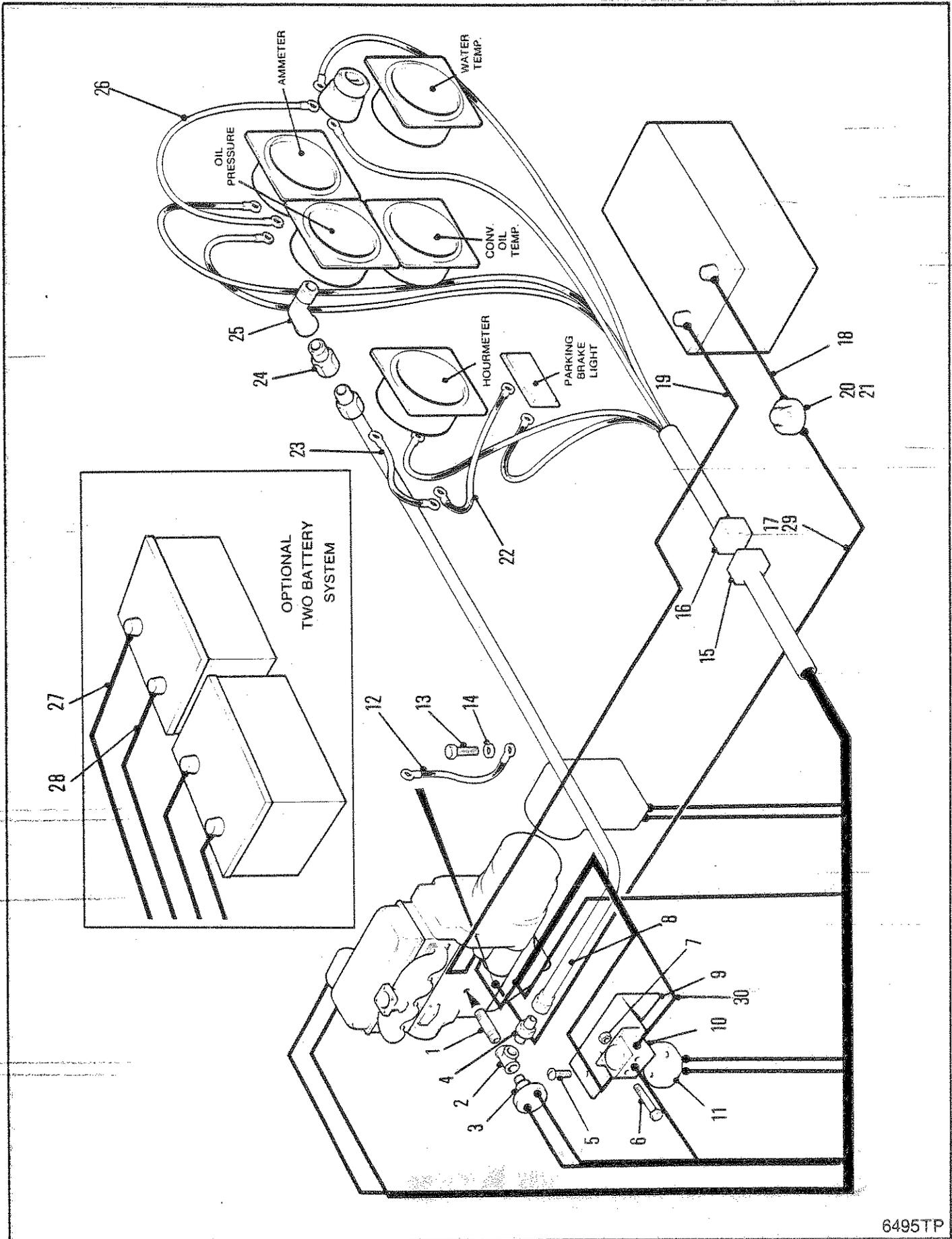
**SEAT ASSEMBLY  
SIÈGE, ENSEMBLE  
SITZ VOLLSTÄNDIG  
ASSENTO, CONJUNTO  
ASIENTO, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1938926	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
1	2522107	1	Belt	courroie	Riemen	correia	correa
2	1992591	1	Seat cushion	amortisseur de siège	Sitzkissen	almofada do assento	cojín para el asiento
3	1992592	1	Sliding track	roulement coulissant	Schiebspur	trilho correção	carril corredizo
4	2522745	2	Bolt	boulon	Bolzen	parafuso	bulón
5	2522744	2	Washer	rondelle	Scheibe	arruela	arandela
6	86D000007	2	Nut	écrou	Mutter	porca	tuerca

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

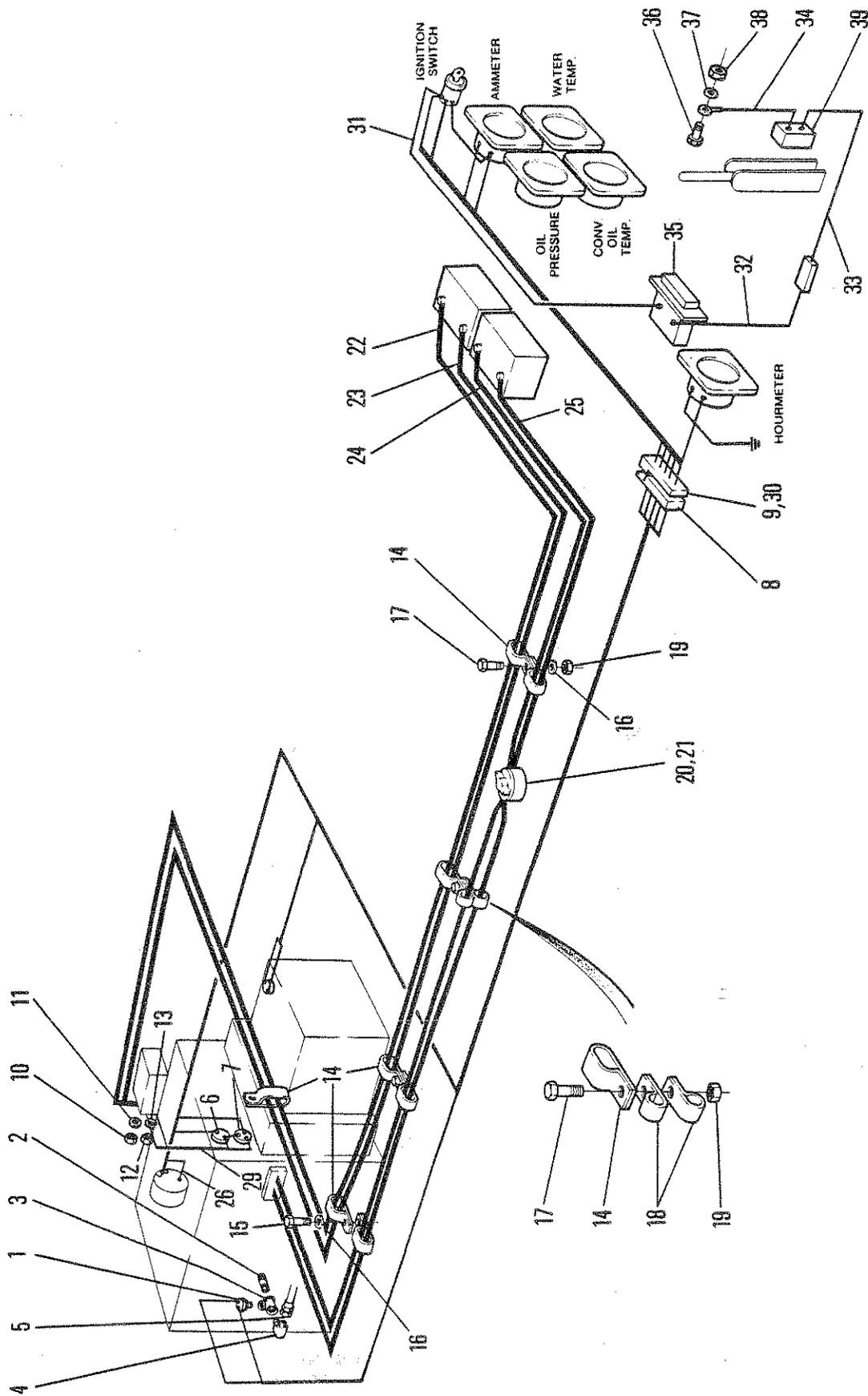
564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6495TP

**ELECTRICAL SYSTEM**  
**SYSTÈME ELECTRIQUE**  
**ELEKTRISCHE ANLAGE**  
**SISTEMA ELECTRICO**  
**SISTEMA ELECTRICO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	5K000108	1	Nipple	raccord	Nippel	niple	niple
2	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
3	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
4	89F000003	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
5	85G000816	2	Screw	vis	Schraube	parafuso	tornillo
6	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
7	85D000004	2	Nut	écrou	Mutter	porca	tuerca
8	1581316	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1933108	1	Bracket	support	Winkel	grampo	grampa
10	551530	1	Switch	interrupteur	Schalter	interruptor	interruptor
11	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
12	1906804	1	Cable	câble	Kabel	cabo	cable
13	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
15	1935401	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
16	1935238	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
17	1932825	1	Cable	câble	Kabel	cabo	cable
18	1936021	1	Cable	câble	Kabel	cabo	cable
19	1932822	1	Cable	câble	Kabel	cabo	cable
20	1933179	1	Switch	interrupteur	Schalter	interruptor	interruptor
21	1901749	1	Plate	plaque	Platte	placa	placa
22	2519785	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
23	1511533	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
24	93F000003	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
25	25F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	1923966	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
27	1936022	1	Cable	câble	Kabel	cabo	cable
28	1932819	1	Cable	câble	Kabel	cabo	cable
29	1932825	1	Cable	câble	Kabel	cabo	cable
30	1933717	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj



6651TP

# RANGER 666D



**WARNING**

DO NOT CONNECT JUMPER CABLES TO THE BATTERY TERMINALS. USE SYSTEM VOLTAGE TO JUMP START. CONNECT THE POSITIVE CABLE FIRST TO THE POSITIVE STARTER CABLE. CONNECT THE NEGATIVE CABLE TO THE MACHINE FRAME. FAILURE TO FOLLOW THIS PROCEDURE COULD RESULT IN PERSONAL INJURY OR DAMAGE TO THE ELECTRICAL SYSTEM.

**WARNING**

DISCONNECT STEERING FRAME LOCK BEFORE MOVING MACHINE

**GRAPPLE**

↑  
CLOSED  
↓  
OPEN

**HEATER**

↑  
DOME LIGHT - HEAT  
↓  
DOME LIGHT

**REAR FLOODS**

↑  
DOME LIGHT  
↓  
FRONT FLOODS

**WIPER**

↑  
DEFROST

**HEATER**

↑  
DOME LIGHTS  
↓

**FRONT & REAR FLOODS**

↑  
DOME LIGHTS  
↓

**FRONT WIPER & WASHER**

↑  
DEFROST  
↓

**BOOM**

↑  
UP  
↓  
DOWN

**WARNING**

OPERATOR MUST BE IN CW POSITION FOR EMERGENCY STEERING TO BE OPERATIONAL.

**IMPORTANT**

THIS MACHINE IS EQUIPPED WITH A TURBOCHARGER FOR SPARE AIR IN ON THE ENGINE. DO NOT REMOVE OR MODIFY THE TURBOCHARGER OR ANY PARTS THEREOF. FAILURE TO MAINTAIN THE TURBOCHARGER OR ANY PARTS THEREOF MAY RESULT IN PERSONAL INJURY OR DAMAGE TO THE MACHINE. REFER TO THE OPERATOR'S MANUAL FOR MAINTENANCE AND REPAIR INSTRUCTIONS.

**WINCH**

↑  
WINCH  
↓  
FREE SPOOL

**ARCH**

↑  
UP  
↓  
DOWN

**GRAPPLE**

↑  
OPEN  
↓  
CLOSED

**WARNING**

UNTRAINED PERSONNEL ONLY MAY OPERATE THIS MACHINE. REFER TO OPERATOR'S MANUAL FOR DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS.

**CHECK**

- STEERING FRAME LOCK REMOVED AND PROPERLY RETAINED
- ALL GUARDS AND COMPARTMENT COVERS IN PLACE
- FIRE EXTINGUISHER CHARGED
- SEAT BELT ON
- PARKING BRAKE OFF
- BRAKE AND STEERING CONTROLS OPERABLE

**BEFORE LEAVING MACHINE**

- LOWER ALL HYDRAULIC ACCESSORIES
- ENGAGE PARKING BRAKE
- ENGAGE NEUTRAL LOCK
- TURN ENGINE OFF
- TURN BATTERY DISCONNECT SWITCH OFF
- CLEAN DEBRIS FROM ALL GUARDS AND COMPARTMENTS

**WARNING**

KEEP MACHINE CLEAN

TO REDUCE FIRE HAZARD REMOVE DEBRIS FROM ALL COMPARTMENTS AFTER EACH 8 HOURS OF OPERATION OR MORE OFTEN IF WARRANTED BY WORKING CONDITIONS.

**IN CASE OF FIRE**

- STOP MACHINE
- LOWER MACHINE
- LOWER ALL HYDRAULIC ACCESSORIES
- STOP ENGINE
- TURN BATTERY DISCONNECT SWITCH OFF
- APPLY PARKING BRAKE
- EXTINGUISH FIRE

**ROTATE**

↑  
RIGHT  
↓  
LEFT

**WARNING**

- NO ROOM FOR MAN IN THIS AREA WHEN MACHINE IS TURNING OR MOVING
- MAN IN THIS AREA NOT VISIBLE TO OPERATOR
- DO NOT STAND OR WORK IN THIS AREA WHEN ENGINE IS RUNNING
- USE STEERING FRAME LOCK WHEN SERVICING, LIFTING OR TRANSPORTING.

**ELECTRICAL SYSTEM**  
**SYSTÈME ELECTRIQUE**  
**ELEKTRISCHE ANLAGE**  
**SISTEMA ELECTRICO**  
**SISTEMA ELECTRICO**

**RANGER**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
2	5K000108	1	Nipple	raccord	Nippel	niple	niple
3	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
4	83F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
5	1581316	1	Tube	tube	Rohr	tubo	tubo
6	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
7	551530	1	Switch	interrupteur	Schalter	interruptor	interruptor
8	1937456	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
9	1937467	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
9A	1938375	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
10	4DM00010	1	Nut	écrou	Mutter	porca	tuerca
11	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
12	4DM00005	1	Nut	écrou	Mutter	porca	tuerca
13	17E000012	1	Washer	rondelle	Scheibe	arruela	arandela
14	31H000034	7	Clip	attache	Schelle	braçadeira	abrazadera
15	18C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
17	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
18	30H000038	2	Clip	attache	Schelle	braçadeira	abrazadera
19	59D000006	2	Nut	écrou	Mutter	porca	tuerca
20	1933179	1	Switch	interrupteur	Schalter	interruptor	interruptor
21	†1901749	1	Plate	plaque	Platte	placa	placa
22	1937306	1	Cable	câble	Kabel	cabo	cable
23	1937305	1	Cable	câble	Kabel	cabo	cable
24	1937462	1	Cable	câble	Kabel	cabo	cable
25	1937461	1	Cable	câble	Kabel	cabo	cable
26	1936012	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
27	†4DM000006	1	Nut	écrou	Mutter	porca	tuerca
28	†4E0000004	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	1937455	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
30	1937467	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
31	1937473	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
32	1937472	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
33	1937470	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
34	1937471	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
35	1923545	1	Light park brake	lampe frein statnmt	Licht Standbremse	luz freio estacion	luz freno estacion
36	17C000412	1	Bolt	boulon	Bolzen	parafuso	bulón
37	127E000004	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
38	59D000004	1	Nut	écrou	Mutter	porca	tuerca
39	12412840	1	Switch	interrupteur	Schalter	interruptor	interruptor

□ 555A-501-CAC&⇒, 559A-101-CAC&⇒

666CUM  
666CUMGR

559A-101-CAC&⇒559A-9999-CAC  
555A-101-CAC&⇒555A-9999-CAC

564A-101-CAC&⇒564A-9999-CAC

Ref 06651TP

003-85

3 C 16

GROUP F 2 52050

**DECALS  
DÉCALQUES  
ABZIEHBILD  
DECALCOMANIAS  
CALCOMANÍAS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1938590	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
2	1938591	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
3	1938593	2	Decal 666D	décal 667D	Abzbid 667D	decal 667D	calcomania
4	1938592	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
5	2557201	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
6	1513887	1	Tag Warning	étiquette d'avertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
7	1936163	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	1931361	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	1931362	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
10	1931357	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1931358	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
12	1931359	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1931360	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
14	1929848	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	1933722	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1932775	1	Label	étiquette	Beschriftung	etiqueta	etiqueta
17	1935531	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1929849	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
19	1936078	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1936079	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
21	1929847	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1929846	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
23	1933450	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1935443	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1933439	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
26	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
27	2536249	1	Decal Lift	décal lever	Abziehbild Heben	decal levantar	calcom levantar
28	2534215	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
29	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
30	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1933518	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
33	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
34	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
35	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
36	1933375	1	Doorway Trd RH	marche de porte D	Türtrittbrett R	rosca entrada LD	rodadura entrada LD
37	1933376	1	Doorway Trd LH	marche de porte G	Türtrittbrett	rosca entrada LE	rodadura entrada LI
38	1938607	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
39	2534199	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

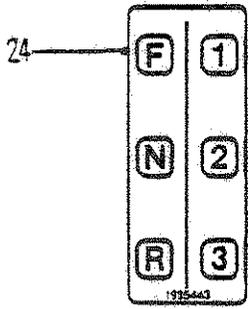
1 □ Gr

2 Inc 1 → 4

666CUM  
666CUMGR  
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666GMGR

559A-101-CAC → 559A-9999-CAC  
555A-101-CAC → 555A-9999-CAC  
548A-101-CAC → 548A-9999-CAC  
549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC  
552A-101-CAC → 552A-9999-CAC



25

**Chassis**

**Lubrication Instructions**

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97. OIL SERVICE

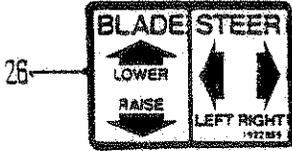
98. OIL SERVICE

99. OIL SERVICE

100. OIL SERVICE

**Lubricant Key**

**Drive Line**



27



28

**COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS UNITED STATES**

3344679	3363714	3452508	3473558
3781343	3852216	3866705	3867753
3892345	3897095	4024922	4030776
4070858	4073840	4082253	4187766
4204349	4210445	4308552	4329109
4386537	4397435	4403902	4410057
4581247			

**0-272822 0-272909**

**CANADA**

PATENTED 1968, 1971, 1974, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1986



29

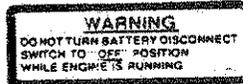
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**IMPORTANT**

ENGINE CONTAINS SAE 15W40 OIL. CHANGE TO OIL RECOMMENDED BY ENGINE MFG. FOR APPLICABLE AMBIENT TEMPERATURE. REMOVE DECAL AFTER OIL CHANGE.

39



37

**DECALS  
DÉCALQUES  
ABZIEHBILD  
DECALCOMANIAS  
CALCOMANÍAS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1938590	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
2	1938591	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
3	1938593	2	Decal 666D	décal 667D	Abzblld 667D	decal 667D	calc 667D
4	1938592	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
5	2557201	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
6	1513887	1	Tag Warning	étiquette davertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
7	1936163	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	1931361	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	1931362	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
10	1931357	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1931358	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
12	1931359	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1931360	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
14	1929848	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	1933722	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1932775	1	Label	étiquette	Beschriftung	etiqueta	etiqueta
17	1935531	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1929849	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
19	1936078	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1936079	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
21	1929847	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1929846	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
23	1933450	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1935443	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1933439	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
26	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
27	2536249	1	Decal Lift	décal lever	Abziehbild Heben	decal levantar	calcom levantar
28	2534215	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
29	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
30	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1933518	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
33	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
34	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
35	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
36	1933375	1	Doorway Trd RH	marche de porte D	Türtrittbrett R	rosca entrada LD	rodadura entrada LD
37	1933376	1	Doorway Trd LH	marche de porte G	Türtrittbrett	rosca entrada LE	rodadura entrada LI
38	1938607	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
39	2534199	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

1 □Gr

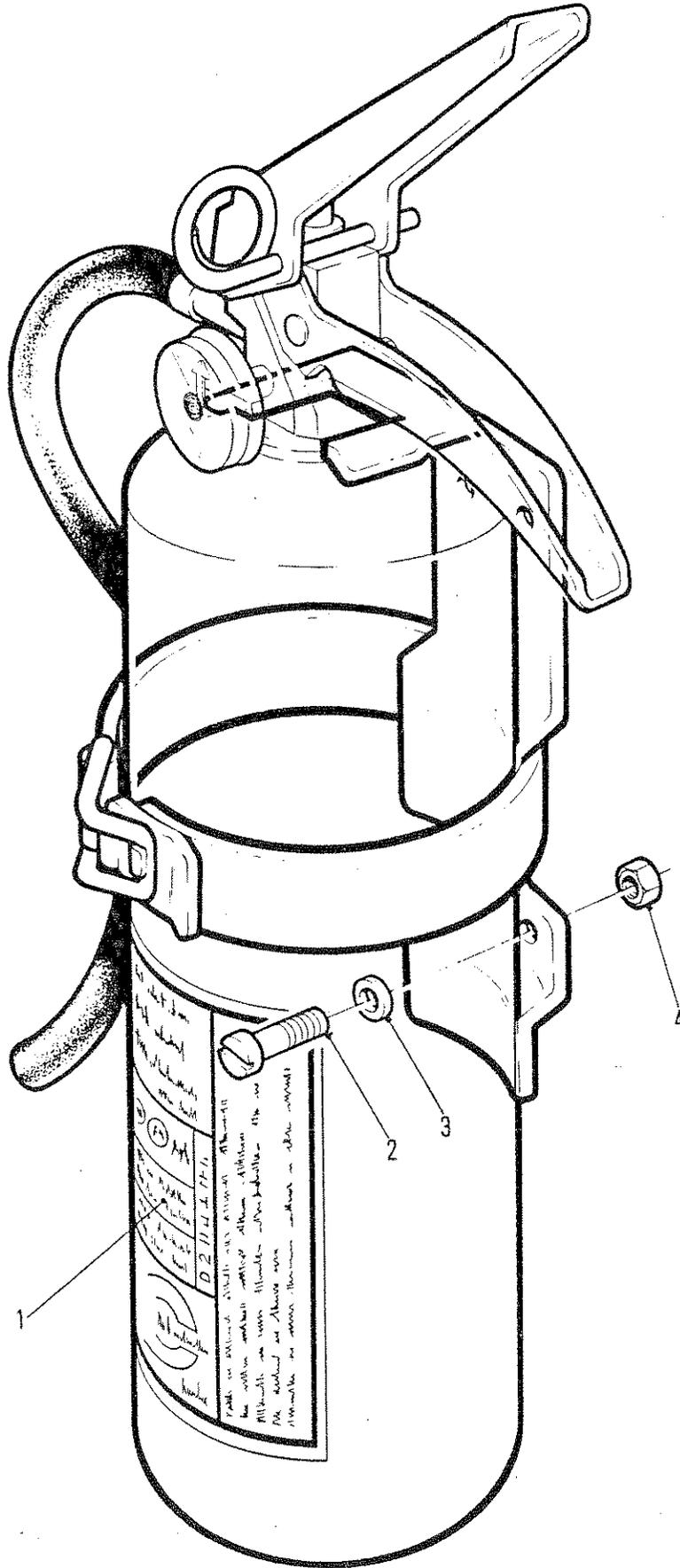
2 inc 1 → 4

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC → 559A-9999-CAC  
555A-101-CAC → 555A-9999-CAC  
548A-101-CAC → 548A-9999-CAC  
549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC

552A-101-CAC → 552A-9999-CAC



6607TP

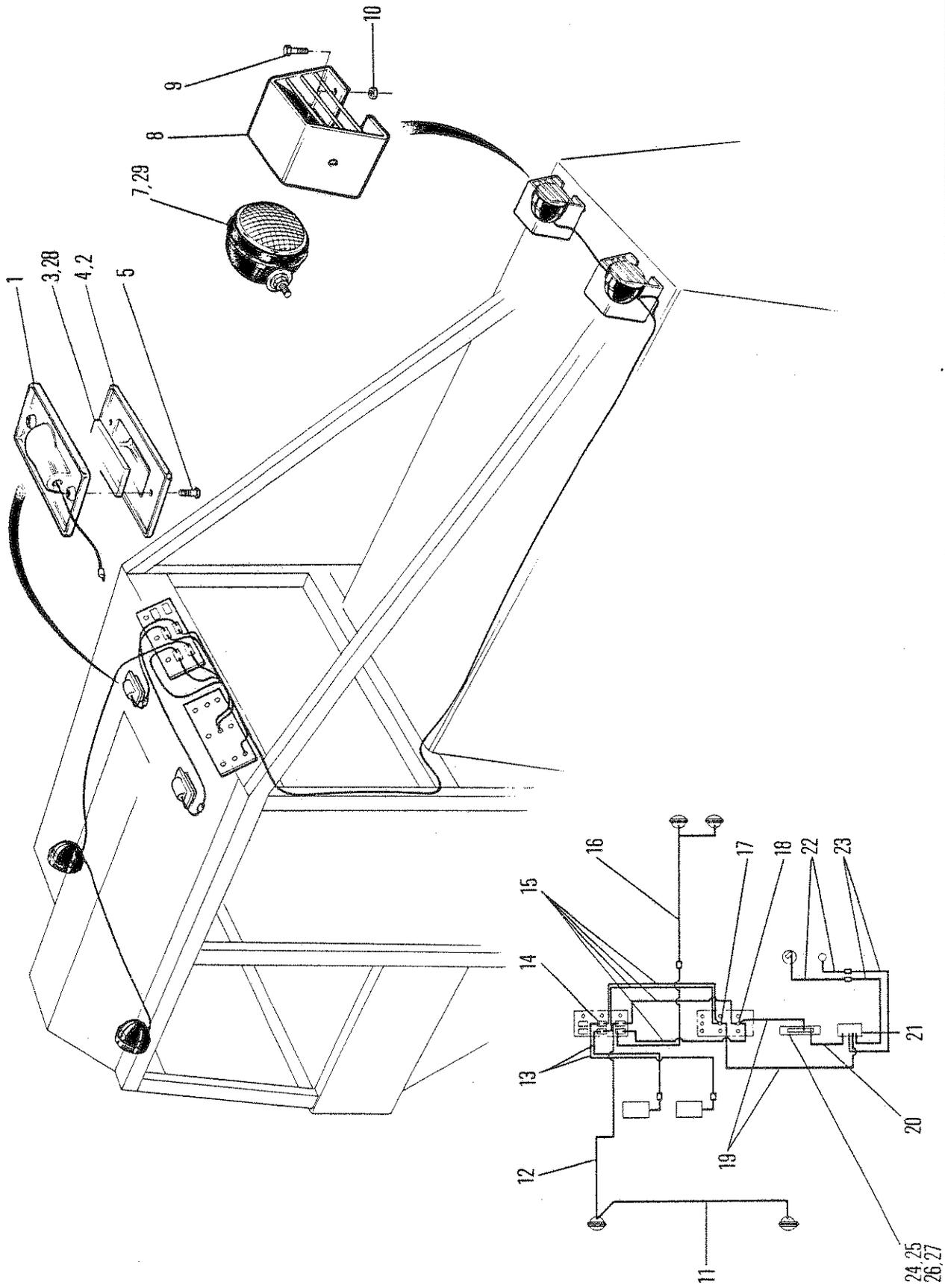
**FIRE EXTINGUISHER  
EXTINCTEUR À INCENDIE  
FEUERLÖSCHER  
EXTINTOR DE INCÊNDIO  
EXTINTOR DE FUEGO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1908806	1	Fire extinguisher	extinct à incendie	Feuerlöscher	extintor incêndio	extintor de fuego
2	85G001008	-	Bolt	boulon	Bolzen	parafuso	bulón
3	12E000010	-	Washer	rondelle	Scheibe	arruela	arandela
4	12D000010	-	Nut	écrou	Mutter	porca	tuerca

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



6371TP

**LIGHTS ☒**  
**PHARES ☒**  
**SCHEINWERFER-LEUCHTEN ☒**  
**LUZES ☒**  
**LUCES ☒**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1931100	2	Base assy	base ens	Untergestell vollst	base conj	base conj
2	1931091	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
3	1931087	1	Lens	lentil	Linse	lente	lente
4	1931090	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
5	85G000803	2	Screw	vis	Schraube	parafuso	tornillo
6	157G000812	8	Screw	vis	Schraube	parafuso	tornillo
7	1917557	4	Light assy	assemblage élect	Lichteinheit	conj luzes	conj de luces
8	1928265	2	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
9	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
10	59D000006	4	Nut	écrou	Mutter	porca	tuerca
11	1936752	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
12	1933142	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
13	1931103	2	Wire assy	fil ens	Draht Ens	fio conj	cable conj
14	2539289	4	Switch	interrupteur	Schalter	interruptor	interruptor
15	1931062	4	Wire assy	fil ens	Draht Ens	fio conj	cable conj
16	1936773	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
17	2537561	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
18	2537565	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
19	542135	2	Wire assy	fil ens	Draht Ens	fio conj	cable conj
20	1934409	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
21	1621889	1	Relay	relais	Relais	relé	relé
22	1934406	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
23	1934407	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
24	6519247	1	Block	bloc	Block	bloco	bloque
25	85G000812	2	Screw	vis	Schraube	parafuso	tornillo
26	12E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	12D000008	2	Nut	écrou	Mutter	porca	tuerca
28	1931088	1	Lens	lentil	Linse	lente	lente
29	877752	4	Light	lampe	Licht	lâmpada	lámpara

<sup>1</sup> Inc 3

<sup>2</sup> Inc 28

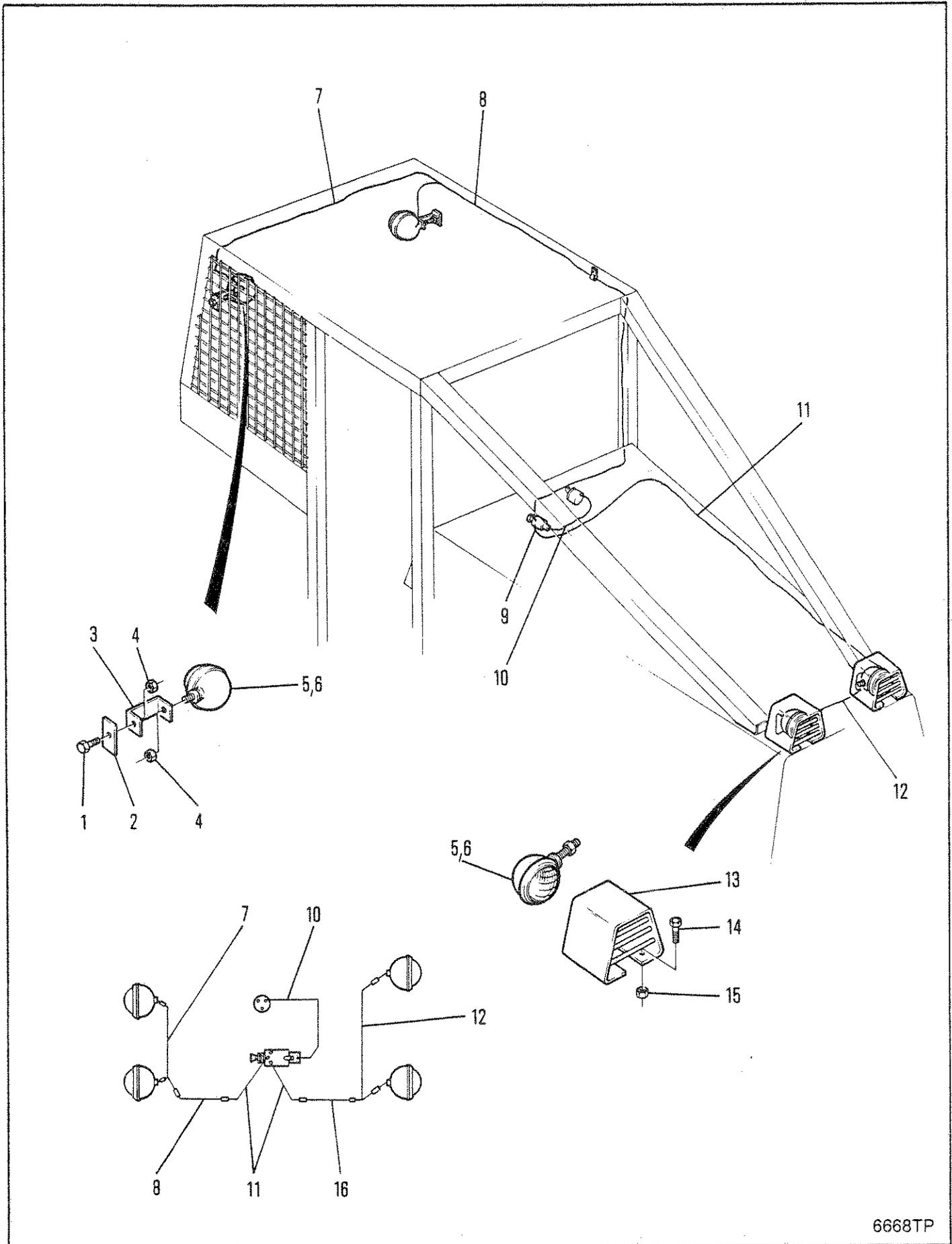
<sup>3</sup> Inc 29

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



6668TP

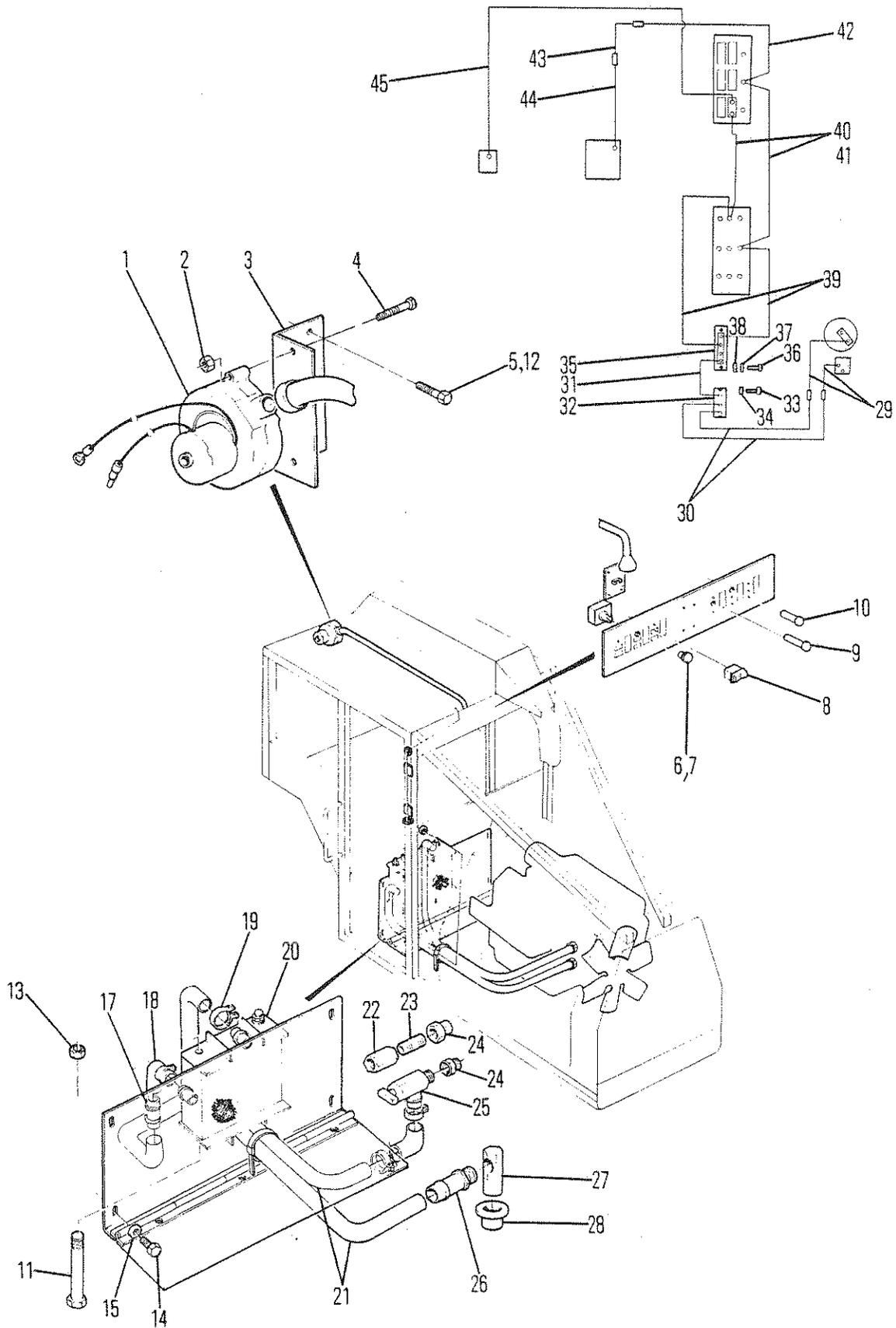
LIGHTS ☒  
 PHARES ☒  
 SCHEINWERFER-LEUCHTEN ☒  
 LUZES ☒  
 LUCES ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
2	1936525	2	Flat	méplat	Fläche	bloco plano	planchuela
3	1936526	2	Bracket	support	Winkel	grampo	grampa
4	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
5	1917557	1	Light	lampe	Licht	lâmpada	lámpara
6	877752	1	Light	lampe	Licht	lâmpada	lámpara
7	1936842	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
8	1937008	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
9	1701018	1	Switch	interrupteur	Schalter	interruptor	interruptor
10	1905939	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
11	1925328	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
12	1936760	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
13	1928265	2	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
14	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
15	59D000006	4	Nut	écrou	Mutter	porca	tuerca
16	1936761	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj

1 Inc 6

666CUM 559A-101-CAC⇒559A-9999-CAC  
 666CUMGR 555A-101-CAC⇒555A-9999-CAC  
 666GM 548A-101-CAC⇒548A-9999-CAC  
 666GMGR 549A-101-CAC⇒549A-9999-CAC

552A-101-CAC⇒552A-9999-CAC



6638TP

**HEATER ASSEMBLY** ☒  
**CHAUFFAGE ENSEMBLE** ☒  
**HEIZUNG VOLLSTÄNDIG** ☒  
**AQUEDOR CONJUNTO** ☒  
**CALEFACTOR CONJUNTO** ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1931042	1	Blower	souflante	Gebälse	ventoinha	ventilador
2	50D000010	2	Nut	écrou	Mutter	porca	tuerca
3	1931066	1	Angle	angle	Winkel	ângulo	angulo
4	85G001036	2	Screw	vis	Schraube	parafuso	tornillo
5	84G001610	2	Screw	vis	Schraube	parafuso	tornillo
6	1931161	1	Switch	interrupteur	Schalter	interruptor	interruptor
7	1930309	1	Knob	bouton	Knopf	manípula	botón
8	2539289	1	Switch	interrupteur	Schalter	interruptor	interruptor
9	2537563	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
10	2537564	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
11	17C000688	2	Bolt	boulon	Bolzen	parafuso	bulón
12	84G001610	2	Screw	vis	Schraube	parafuso	tornillo
13	59D000006	2	Nut	écrou	Mutter	porca	tuerca
14	17C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
15	25E000015	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
16	59D000005	3	Nut	écrou	Mutter	porca	tuerca
17	2502789	2	Tube	tube	Rohr	tubo	tubo
18	1938488	2	Elbow	coude	Winkelrohr	cotovêlo	codo
19	42H000010	8	Clamp	pince	Schelle	braçadeira	abrazadera
20	1932174	1	Heater	réchauffeur	Heizung	aquecedor	calefactor
20A	1992455	1	Core	noyau	Innenteil	núcleo	núcleo
20B	1992590	1	Fan	ventilateur	Ventilator	ventilador	ventilador
20C	1992589	1	Motor	moteur	Motor	motor	motor
21	889269	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	175F000003	1	Coupling	accouplement	Kupplung	acoplamento	acople
23	5K000328	1	Nipple	raccord	Nippel	niple	niple
24	19F000006	1	Reducer	réducteur	Reduzierstück	reductor	reductor
25	1673052	1	Valve	soupape	Ventil	válvula	válvula
26	666867	1	Fitting	ajustage	Verbindung	ajuste	acessorio
27	1310785	1	Fitting	ajustage	Verbindung	ajuste	acessorio
28	19F000010	1	Reducer	réducteur	Reduzierstück	reductor	reductor
29	542135	2	Wire assy	fil ens	Draht Ens	fio conj	cable conj
30	1934407	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
31	1934409	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
32	1621889	1	Relay	relais	Relais	relé	relé
33	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
34	59D000004	2	Nut	écrou	Mutter	porca	tuerca
35	6519247	1	Block	bloc	Block	bloco	bloque
36	85G000812	2	Screw	vis	Schraube	parafuso	tornillo
37	12E000008	2	Washer	rondelle	Scheibe	arruela	arandela
38	12D000008	2	Nut	écrou	Mutter	porca	tuerca
39	542135	2	Wire assy	fil ens	Draht Ens	fio conj	cable conj
40	1931168	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
41	1931062	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
42	1934407	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
43	1934406	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
44	1934410	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
45	1931065	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj

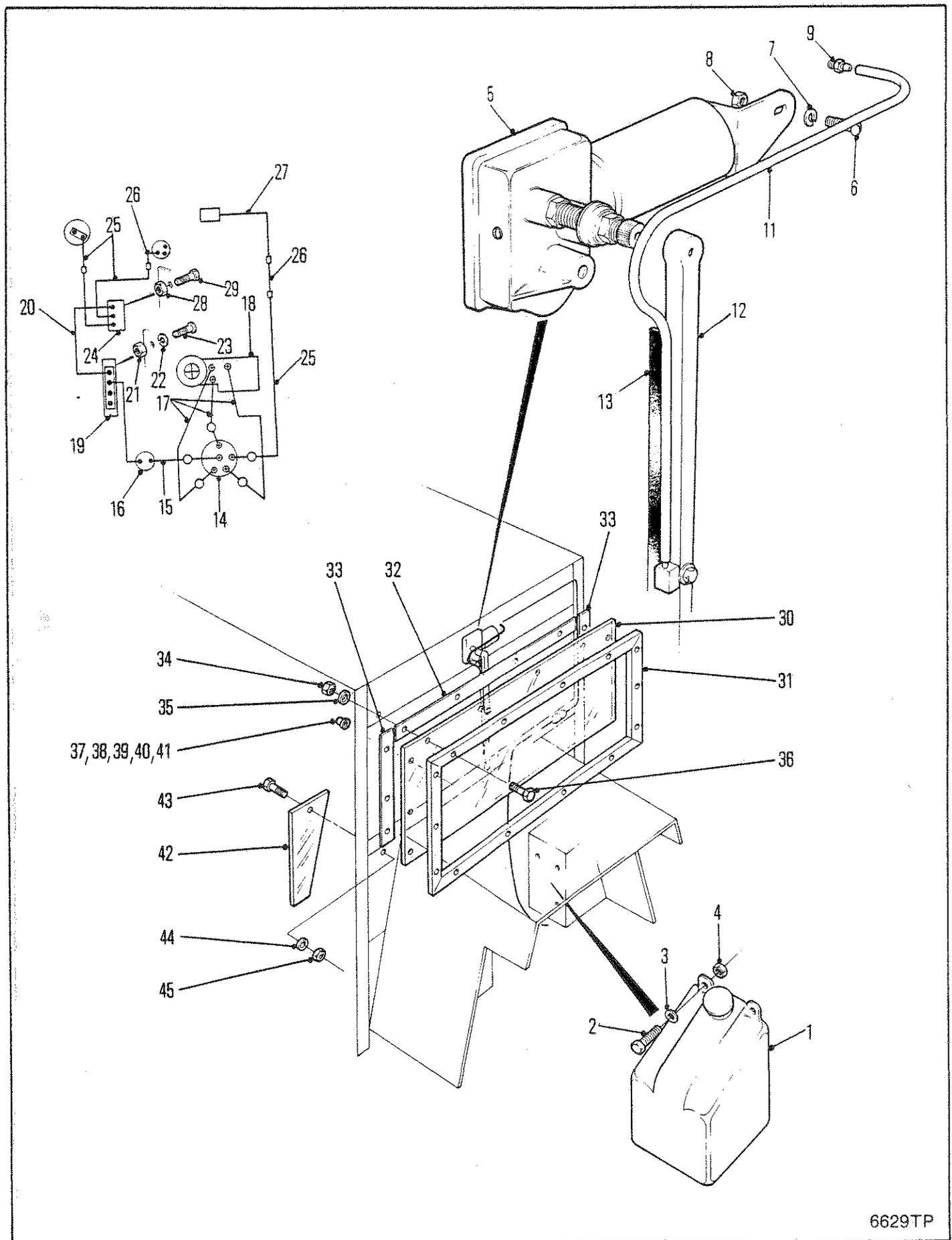
1 GM

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666CUM  
 666CUMGR  
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 666GMGR

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 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6629TP

**WINDSHIELD WIPER KIT** ☒  
**TROUSSE RACLEUR PARE-BRISE** ☒  
**WINDSCHUTZSCH SCHEIBENWISCHERSATZ** ☒  
**CONJUNTO PARA BRISA LIMPADOR** ☒  
**JG PARA BRISA LIMPIADOR** ☒

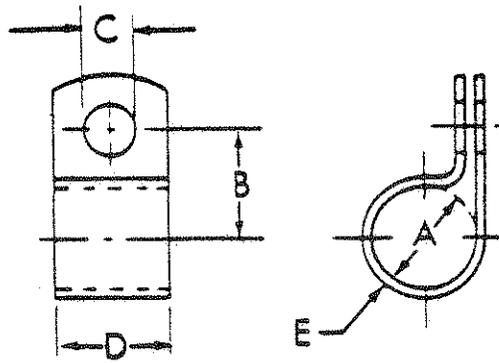
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	962918	1	Cntnr&pmp assy	conteneur&pompe	Behälter&Pumpe	depósito&bomba	recipiente&bomba
2	17C000416	4	Bolt	boulon	Bolzen	parafuso	bulón
3	27E000004	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
4	85D000004	4	Nut	écrou	Mutter	porca	tuerca
5	1936512	1	Motor assy	ass de moteur	Motoreinheit	conj do motor	conj motor
6	85G001010	1	Screw	vis	Schraube	parafuso	tornillo
7	12E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
8	12D000010	1	Nut	écrou	Mutter	porca	tuerca
9	1929485	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	+1928215	1	Connector	raccord	Verbindungsstück	ligador	conector
11	1927959	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	1929484	1	Arm	bras	Arm	braço	brazo
13	1930212	1	Blade	lame	Schild	lâmina	cuchilla
14	1927949	1	Switch	interrupteur	Schalter	interruptor	interruptor
15	1931063	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
16	2537563	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
17	1934414	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
18	1929483	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
19	16519247	1	Terminal	borne	Anschluss	terminal	terminal
20	1934409	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
21	112D000008	2	Nut	écrou	Mutter	porca	tuerca
22	112E000008	2	Washer	rondelle	Scheibe	arruela	arandela
23	185G000812	2	Screw	vis	Schraube	parafuso	tornillo
24	11621889	1	Relay	relais	Relais	relé	relé
25	11934407	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
26	11934406	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
27	11934415	1	Wire	fil	Draht	fio	cable
28	159D000004	2	Nut	écrou	Mutter	porca	tuerca
29	117C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
30	1931581	1	Windshield	pare-brise	Windschutzsch	pára-brisa	parabrisa
31	1931578	1	Frame	châssis	Fahrgestell	chassi	bastidor
32	1933742	1	Shim	cale	Beilage	calço	planchita
33	1933743	2	Shim	cale	Beilage	calço	planchita
34	1929486	6	Nut	écrou	Mutter	porca	tuerca
35	27E000006	14	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
36	33C000628	14	Bolt	boulon	Bolzen	parafuso	bulón
37	3221996	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
38	742399	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
39	1922834	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
40	1307544	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
41	3999491	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
42	1931862	2	Window	fenêtre	Fenster	janela	ventana
43	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
44	27E000006	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
45	59D000006	4	Nut	écrou	Mutter	porca	tuerca

1 Inc in Light Kit

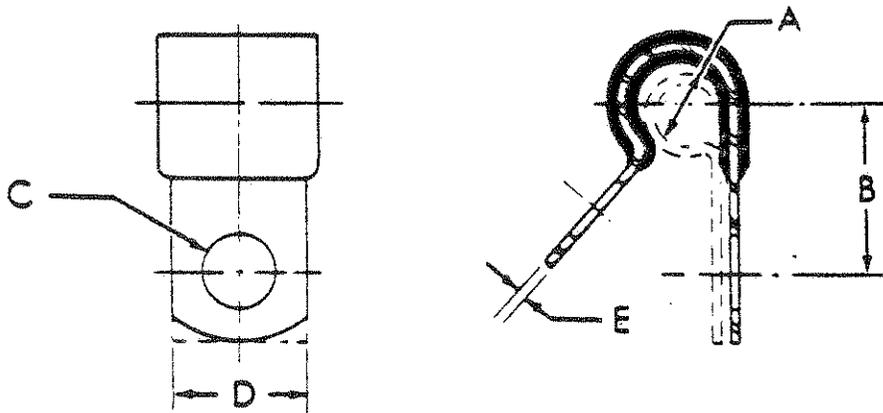
666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

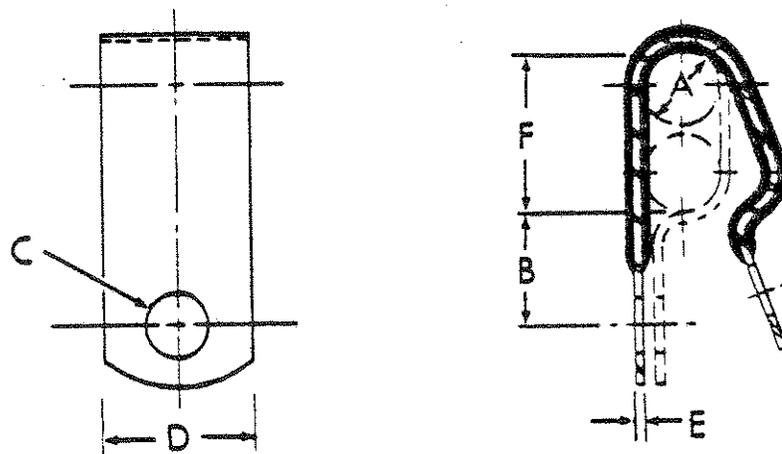
564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



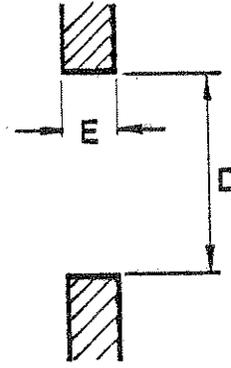
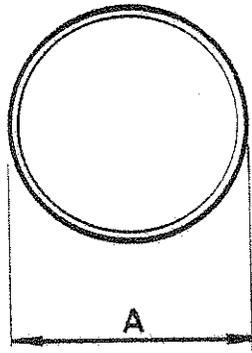
No.	Part No.	A	B	C	D	E
1	6H-04	1/4	6.35	5/8	15.87	13/32 10.32 3/4 19.05 .032 0.81
2	6H-06	1/4	6.35	25/32	19.84	17/32 13.49 7/8 22.22 .032 0.81
3	6H-09	5/16	7.94	21/32	16.67	13/32 10.32 3/4 19.05 .032 0.81
4	6H-30	1/2	12.70	3/4	19.05	13/32 10.32 3/4 19.05 .048 1.22
5	6H-41	7/8	22.22	1-1/16	26.99	13/32 10.32 3/4 19.05 .060 1.52
6	6H-20	1	25.40	1-3/16	30.16	13/32 10.32 7/8 22.22 .060 1.52
7	6H-34	1-1/4	31.75	1-11/32	34.13	13/32 10.32 7/8 22.22 .060 1.52
8	6H-42	1-3/8	34.92	1-17/32	38.89	17/32 13.49 1-1/8 28.57 .060 1.52
9	6H-28	1-1/2	38.10	1-1/2	38.10	13/32 10.32 7/8 22.22 .060 1.52
10	6H-35	1-5/8	40.27	1-9/16	39.67	13/32 10.32 7/8 22.22 .060 1.52



No.	Part No.	A	B	C	D	E
11	30H-11	3/16	4.76	9/16	14.29	11/32 8.73 5/8 15.87 .032 0.81
12	30H-12	3/16	4.76	5/8	15.87	13/32 10.71 3/4 19.05 .032 0.81
13	30H-13	1/4	6.35	1/2	12.70	7/32 5.55 7/16 11.11 .032 0.81
14	30H-14	1/4	6.35	17/32	13.49	9/32 7.14 1/2 12.70 .032 0.81
15	30H-16	1/4	6.35	21/32	16.67	13/32 10.32 3/4 19.05 .032 0.81
16	30H-20	5/16	7.94	11/16	17.46	13/32 10.32 3/4 19.05 .032 0.81
17	30H-23	3/8	9.52	23/32	18.25	13/32 10.32 3/4 19.05 .032 0.81
18	30H-62	3/8	9.52	27/32	21.43	17/32 13.49 1 25.40 .032 0.81
19	30H-30	1/2	12.70	23/32	18.25	11/32 8.73 5/8 15.87 .048 1.22
20	30H-31	1/2	12.70	25/32	19.84	13/32 10.32 3/4 19.05 .048 1.22
21	30H-35	9/16	14.29	13/16	20.64	13/32 10.32 3/4 19.05 .048 1.22
22	30H-38	5/8	15.87	27/32	21.43	13/32 10.32 3/4 19.05 .048 1.22
23	30H-42	11/16	17.46	7/8	22.22	13/32 10.32 3/4 19.05 .048 1.22
24	30H-45	13/16	20.64	7/8	22.22	11/32 8.73 5/8 25.40 .048 1.22
25	30H-46	13/16	20.64	15/16	23.81	13/32 10.32 3/4 19.05 .048 1.22
26	30H-47	13/16	20.64	1	25.40	15/32 11.90 7/8 22.22 .048 1.22
27	30H-50	15/16	23.81	1	25.40	13/32 10.32 3/4 19.05 .048 1.22
28	30H-52	15/16	23.81	1-1/8	28.57	17/32 13.49 1 25.40 .048 1.22
29	30H-60	1-7/16	36.51	1-1/4	31.75	13/32 10.31 3/4 19.05 .048 1.22

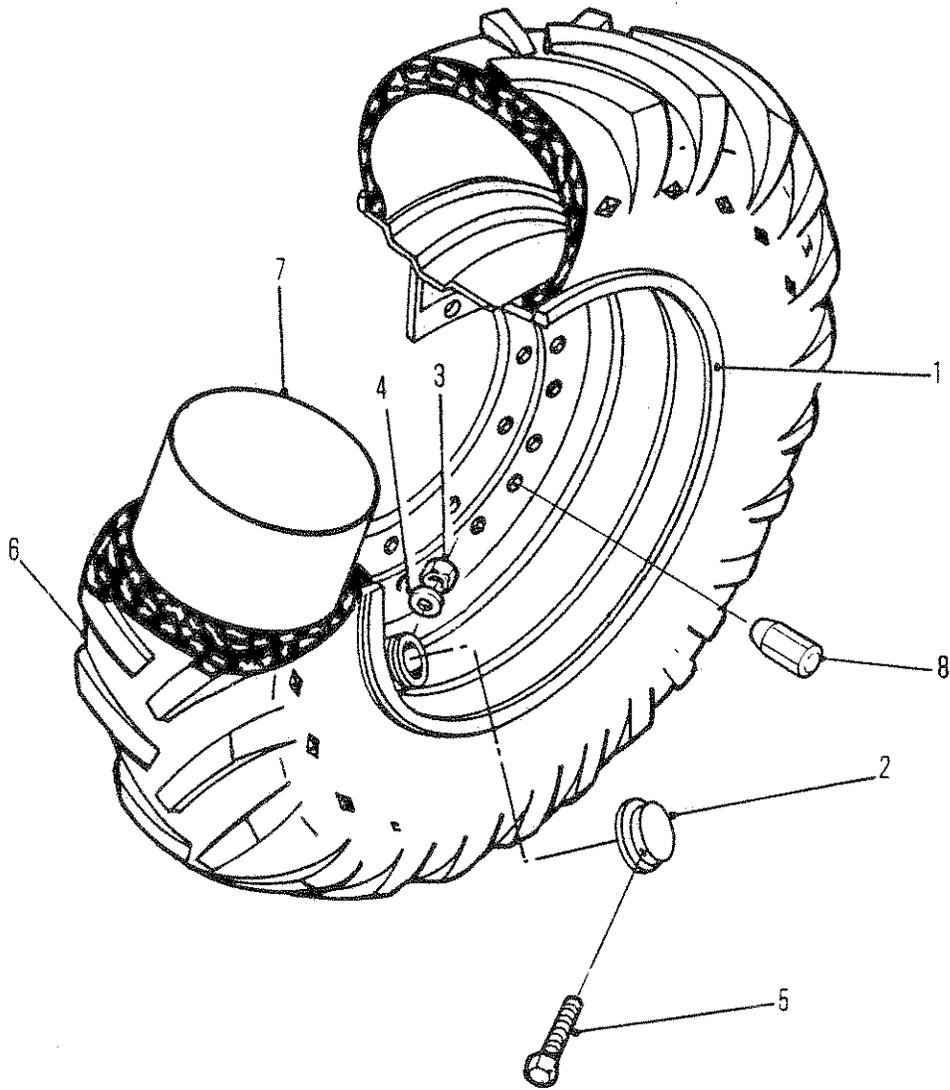


No.	Part No.		A	B		C		D		E		F	
30	31H-09	1/4	6.35	3/8	9.52	7/32	5.55	7/16	11.11	.050	1.27	1/2	12.70
31	31H-19	3/8	9.52	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	3/4	19.05
32	31H-20	3/8	9.52	19/32	15.08	15/32	11.90	7/8	22.22	.050	1.27	3/4	19.05
33	31H-31	9/16	14.29	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	1-1/8	28.57
34	31H-34	5/8	15.87	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	1-1/4	31.75
35	31H-35	5/8	15.87	21/32	16.67	15/32	11.90	7/8	22.22	.050	1.27	1-1/4	31.75
36	31H-36	5/8	15.87	21/32	16.67	17/32	13.49	1	25.40	.050	1.27	1-1/4	31.75
37	31H-40	11/16	17.46	15/32	11.90	17/32	13.49	1	25.40	.050	1.27	1-3/8	34.92
38	31H-45	15/16	23.81	13/32	10.31	11/32	8.73	5/8	15.87	.062	1.57	1-7/8	47.62
39	31H-46	15/16	23.81	19/32	15.08	13/32	10.32	3/4	19.05	.062	1.57	1-7/8	47.62



PART NO.	A		B		C		D		E	
	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM
661862	1/2	12.7	1/4	6.35	1/16	15.24	13/62	10.319	.062 - .078	1.5748 - 1.9812
696073	51/64	20.638	19/64	7.541	5/64	1.984	5/8	15.875	.062 - .109	1.5748 - 2.7686
743208	1-1/16	26.98	3/8	9.525	5/64	1.984	7/8	22.2250	.125 - .171	3.175 - 4.318
1310761	21/32	16.669	7/32	5.556	5/64	1.984	7/16	11.112	.037 - .047	.9398 - 1.1938
743200	.62	15.798	.36	9.144	.06	1.524	.47	11.938	.083 - .125	2.1082 - 3.175
1300057	.656	16.662	.265	6.731	.078	1.981	1/2	12.700	.037 - .062	9.398 - 15.748

**INTENTIONALLY BLANK**



6545TP

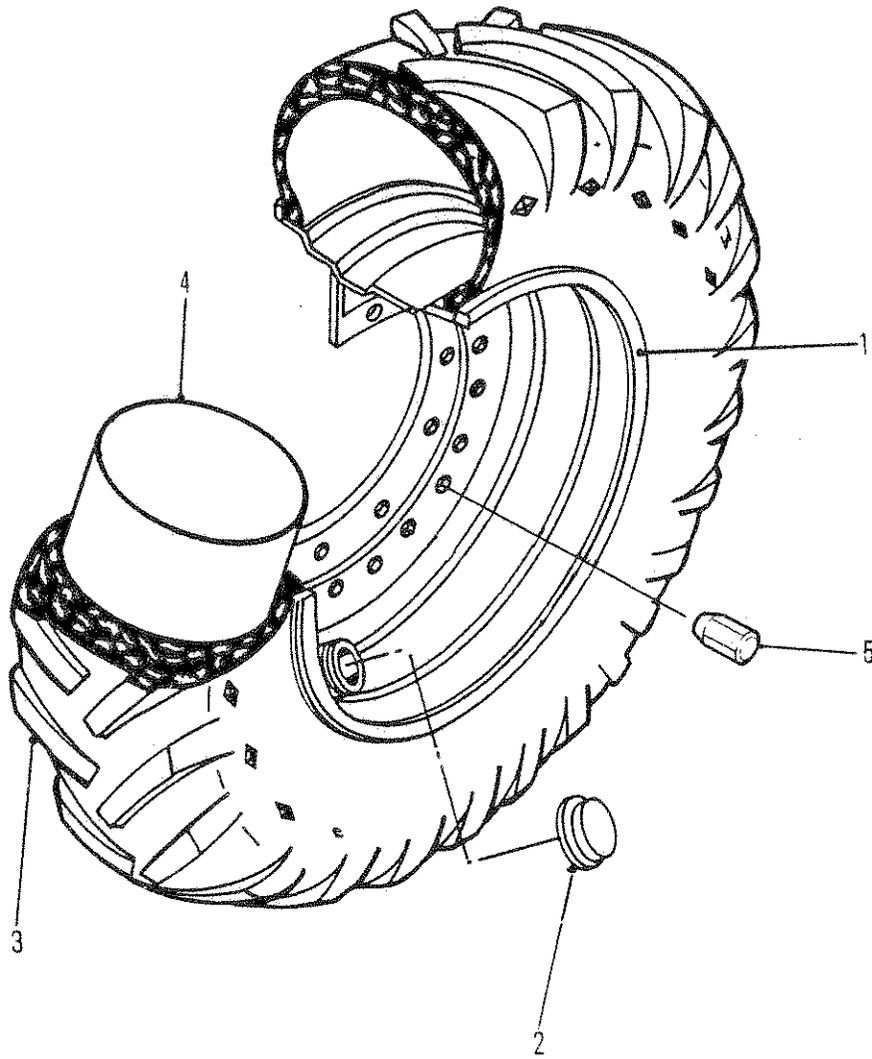
**RIM ASSEMBLY 24.5 X 32 TIRES**  
**ASSEMBLAGE DE LA JANTE 24.5 X 32**  
**FELGENHEIT 24.5 X 32**  
**CONJUNTO DE AROS 24.5 X 32**  
**CONJUNTO ILANTA 24.5 X 32**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1930703	1	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1934665	1	Cap	chapeau	Kappe	tampa	tapa
3	59D000008	1	Nut	écrou	Mutter	porca	tuerca
4	27E000008	1	Washer	rondelle	Scheibe	arruela	arandela
5	17C000860	1	Bolt	boulon	Bolzen	parafuso	bulón
6	-----	1	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	1	Tube	tube	Rohr	tubo	tubo
8	1900649	10	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC⇒559A-9999-CAC  
 555A-101-CAC⇒555A-9999-CAC  
 548A-101-CAC⇒548A-9999-CAC  
 549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
 552A-101-CAC⇒552A-9999-CAC



6546TP

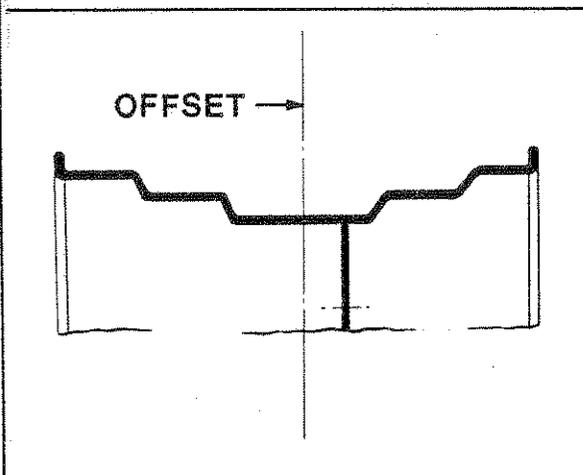
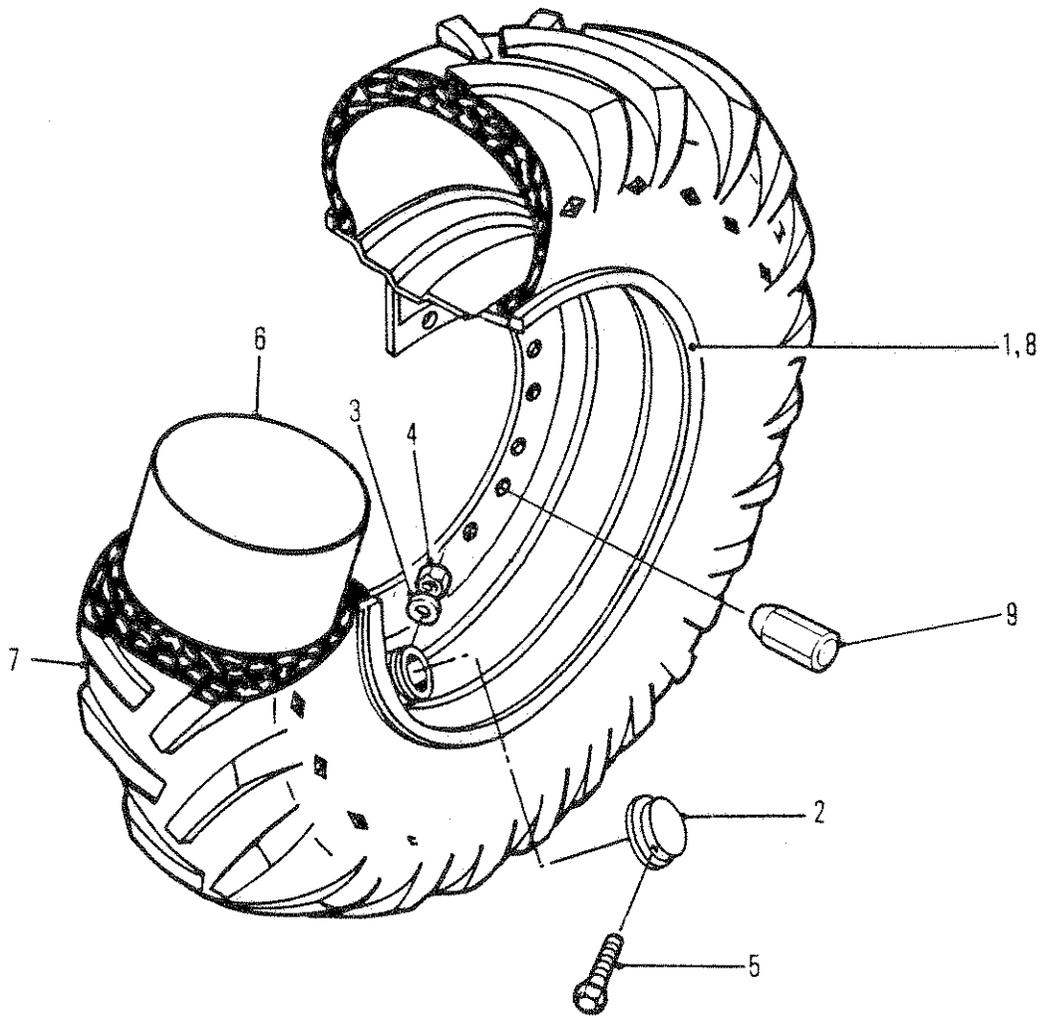
**RIM ASSEMBLY 23.1 X 26 TIRES**  
**ASSEMBLAGE DE LA JANTE 23.1 X 26**  
**FELGENHEIT 23.1 X 26**  
**CONJUNTO DE AROS 23.1 X 26**  
**CONJUNTO ILANTA 23.1 X 26**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1935419	1	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1909047	1	Cap	chapeau	Kappe	tampa	tapa
3	-----	1	Tire	pneumatique	Reifen	pneumático	neumático
4	-----	1	Tube	tube	Rohr	tubo	tubo
5	1928418	10	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda

666CUM  
666CUMGR  
666GM  
666GMGR

559A-101-CAC⇒559A-9999-CAC  
555A-101-CAC⇒555A-9999-CAC  
548A-101-CAC⇒548A-9999-CAC  
549A-101-CAC⇒549A-9999-CAC

564A-101-CAC⇒564A-9999-CAC  
552A-101-CAC⇒552A-9999-CAC



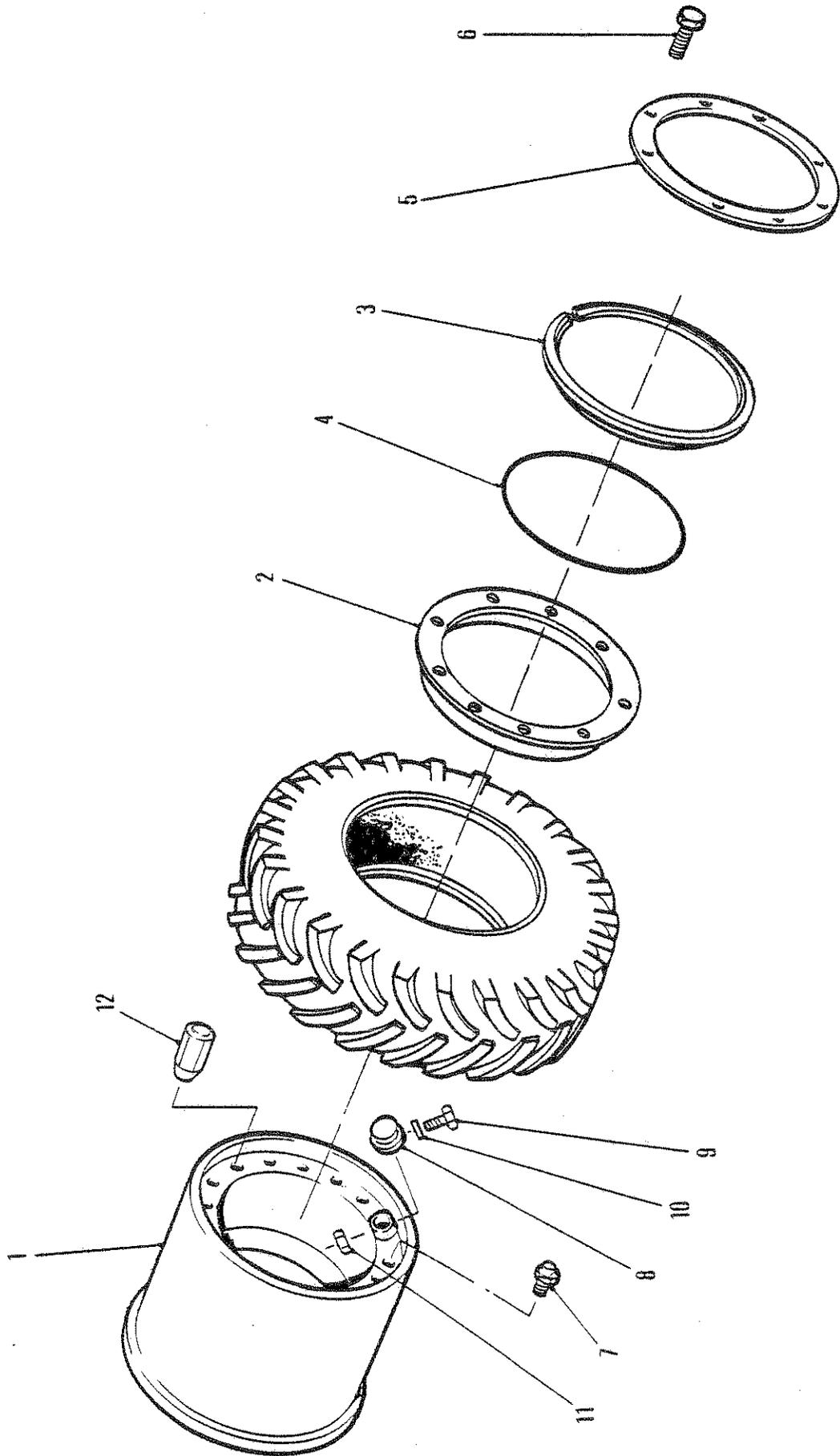
6569TP

**RIM ASSEMBLY 18.4 X 34 TIRES**  
**ASSEMBLAGE DE LA JANTE 18.4 X 34 PNEUMATIQUE**  
**FELGENHEIT 18.4 X 34 REIFEN**  
**CONJUNTO DE AROS 18.4 X 34 PNEUMÁTICO**  
**CONJUNTO ILANTA 18.4 X 34 PNEUMÁTICO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	<sup>1</sup> 1930716	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1934665	4	Cap	chapeau	Kappe	tampa	tapa
3	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
4	85D000008	4	Nut	écrou	Mutter	porca	tuerca
5	17C000856	4	Bolt	boulon	Bolzen	parafuso	bulón
6	-----	4	Tube	tube	Rohr	tubo	tubo
7	-----	4	Tire	pneumatique	Reifen	pneumático	neumático
8	<sup>2</sup> 1930714	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
9	1928418	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda

<sup>1</sup> Rim offset (.31). Ref. Corner Illustration. □664,665.  
<sup>1</sup> Compensation de la jante (0,31). Ref. illustration d-angle. □664,665.  
<sup>1</sup> Felgenausgleich (0,31). Ref. Winkelillustration. □664,665.  
<sup>1</sup> Coto vélo do aro (0,31). Ilustração de referência no canto. □664,665.  
<sup>1</sup> Contrapeso de la llanta (0,31). Ref. ilustración de la esquina. □664,665.

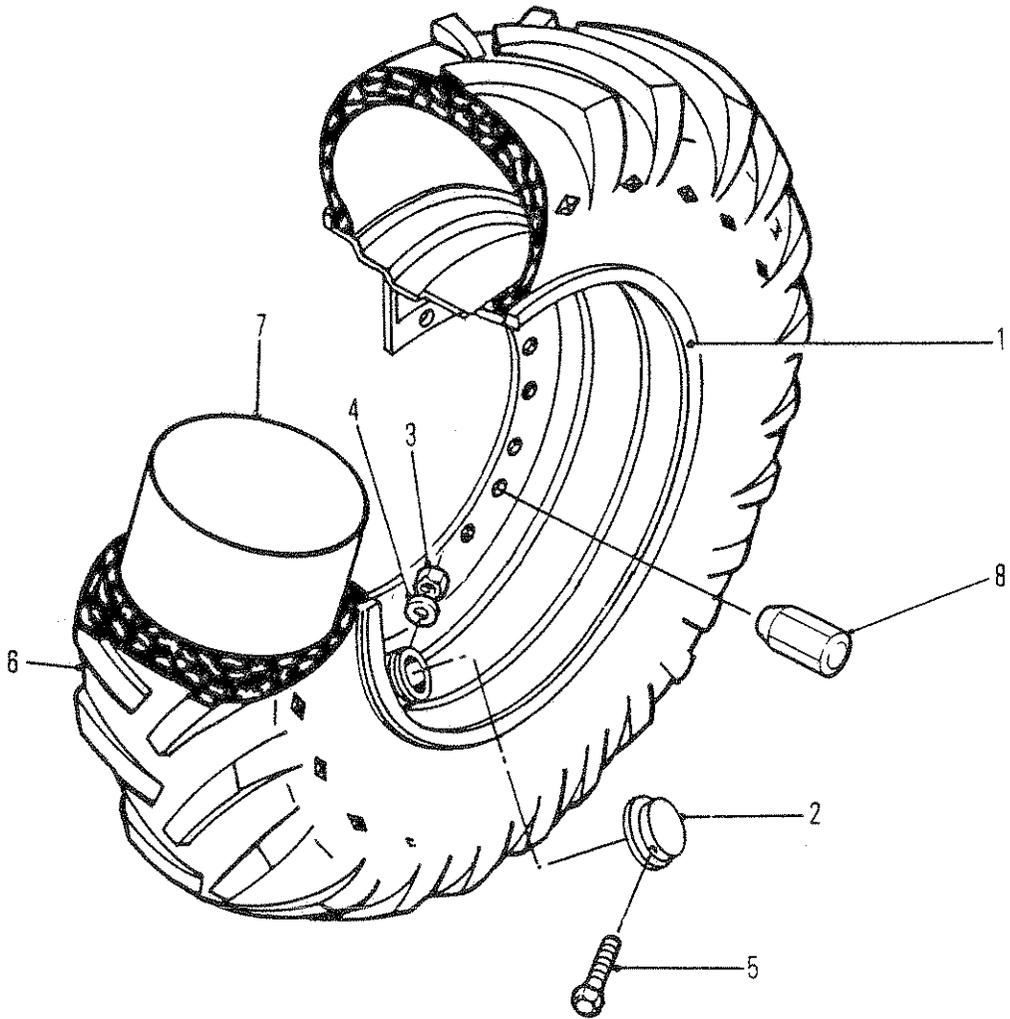
<sup>2</sup> Rim offset (-1.10). Ref. Corner Illustration. □665.  
<sup>2</sup> Compensation de la jante (-1,10). Réf. illustration d-angle. □665.  
<sup>2</sup> Felgenausgleich (-1,10). Ref. Winkelillustration. □665.  
<sup>2</sup> Coto vélo do aro (-1,10). Ilustração de referência no canto. □665.  
<sup>2</sup> Contrapeso de la llanta (-1,10). Ref. ilustración de la esquina. □665.



6570TP

**RIM ASSEMBLY 67 X 34 X 25 TIRES**  
**ASSEMBLAGE DE LA JANTE 67 X 34 X 25 PNEUMATIQUE**  
**FELGENHEIT 67 X 34 X 25 REIFEN**  
**CONJUNTO DE AROS 67 X 34 X 25 PNEUMÁTICO**  
**CONJUNTO ILANTA 67 X 34 X 25 PNEUMÁTICO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1908008	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1901634	4	Flange	bride	Flansch	flange	brida
3	112460	4	Lockring	anneau blocage	Klemmring	anel trava	anillo seguridad
4	112462	4	O-Ring	joint torique	O Ring	anel-O	anillo-O
5	1929398	4	Ring	anneau	Ring	anel	anillo
6	17C001016	32	Bolt	boulon	Bolzen	parafuso	bulón
7	1551893	4	Valve	soupape	Ventil	válvula	válvula
8	1934665	4	Cap	chapeau	Kappe	tapa	tapa
9	17C000856	4	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
11	85D000008	4	Nut	écrou	Mutter	porca	tuerca
12	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda



6545TP

**RIM ASSEMBLY 28.1 X 26 TIRES**  
**ASSEMBLAGE DE LA JANTE 28.1 X 26**  
**FELGENEINHEIT 28.1 X 26**  
**CONJUNTO DE AROS 28.1 X 26**  
**CONJUNTO ILANTA 28.1 X 26**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1938992	1	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1934665	1	Cap	chapeau	Kappe	tampa	tapa
3	59D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuercas
4	27E000008	1	Washer	rondelle	Scheibe	arruela	arandela
5	17C000860	1	Bolt	boulon	Bolzen	parafuso	bulón
6	-----	1	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	1	Tube	tube	Rohr	tubo	tubo

666CUM  
 666CUMGR  
 666GM  
 666GMGR

559A-101-CAC → 559A-9999-CAC  
 555A-101-CAC → 555A-9999-CAC  
 548A-101-CAC → 548A-9999-CAC  
 549A-101-CAC → 549A-9999-CAC

564A-101-CAC → 564A-9999-CAC  
 552A-101-CAC → 552A-9999-CAC

**FAN BELT CHART**

DATA-J1 10000-0183

666D

MODEL	MACHINE SERIAL NUMBER	BELT NO.	QUANTITY
662 FORD 662 GM	501A-101-CAC→501B-9999-CAC 502A-101-CAC→502B-9999-CAC	N/A 1904600	1*
664 GM 664 GM 664 GM 664 GM 664 CUM 664 GM 664 DEUTZ	C-9014-101→C-9044-9999 514E-101-CAC→514F-9999-CAC 514H-101-CAC→514H-9999-CAC 528A-101-CAC→528D-9999-CAC 551D-101-CAC→551G-9999-CAC 546H-101-CAC→546H-9999-CAC 529B-101-CAC→529D-9999-CAC	N/A 3678178 1992017 1992017 1992449 1904600 1992340	1* 1* 1* 1* 1 1* 1
-----			
664 GM GR 664 GM GR 664 GM GR	508A-101-CAC→508A-9999-CAC 508B-101-CAC→508B-9999-CAC 508H-101-CAC→508H-9999-CAC	N/A 3678178 1992017	1* 1*
665 GM 665 CUM 665 GM GR 665 GM GR 665 CUM GR	541B-101-CAC→541F-9999-CAC 553G-101-CAC→553G-9999-CAC 543B-101-CAC→543F-9999-CAC 558F-101-CAC→558G-9999-CAC 554G-101-CAC→554G-9999-CAC	1992017 1992449 1992017 1992017 1992449	1* 1 1* 1 1
666 GM 666 GM 666 GM 666 GM 666 GM SWB 666 CUM 666 CUM 666 CUM 666 CUM SWB	C-9016-101→C-9046-9999 513E-101-CAC→513G-9999-CAC 513H-101-CAC→513H-9999-CAC 548A-101-CAC→548A-9999-CAC 526A-101-CAC→526A-9999-CAC 500D-101-CAC→500G-9999-CAC 500H-101-CAC→500H-9999-CAC 559A-101-CAC→559B-9999-CAC 527A-101-CAC→527A-9999-CAC	N/A 3678231 1904600 1904600 3678231 1501855 947289 1992449 1501855	1* 1* 1* 1* 1* 1* 1 1*
-----			
666 GM GR 666 GM GR 666 GM GR Ext 666 GM GR 666 GM GR 666 CUM GR 666 CUM GR	515A-101-CAC→515A-9999-CAC 515H-101-CAC→515H-9999-CAC 542H-101-CAC→542H-9999-CAC 549A-101-CAC→549A-9999-CAC 552A-101-CAC→552A-9999-CAC 555A-101-CAC→555B-9999-CAC 564A-101-CAC→564B-9999-CAC	3678231 1904600 1904600 1904600 1904600 1992449 1992449	1* 1* 1* 1* 1* 1 1
667 GM 667 GM 667 GM 667 GM 667 GM FWD	503A-101-CAC→503A-9999-CAC 503B-101-CAC→503B-9999-CAC 534B-101-CAC→534E-9999-CAC 556F-101-CAC→556G-9999-CAC 521A-101-CAC→521A-9999-CAC	3678231 1904600 1904600 1904600 3678231	1* 1* 1* 1* 1*

\*Matched-set of two (2) belts

## FAN BELT CHART (Cont'd)

DATA-J1 10000-0183

666D

MODEL	MACHINE SERIAL NUMBER	BELT NO.	QUANTITY
667 CUM	504A-101-CAC→504A-9999-CAC	1990515	1*
667 CUM	504B-101-CAC→504C-9999-CAC	1992140	1*
667 CUM	535A-101-CAC→535G-9999-CAC	1990515	1*
667 CUM	561H-101-CAC→561H-9999-CAC	1992593	1
667 CUM FWD	522A-101-CAC→522A-9999-CAC	1990515	1*
667 GM GR	509A-101-CAC→509A-9999-CAC	3678231	1*
667 GM GR	509B-101-CAC→509B-9999-CAC	1904600	1*
667 GM GR	536B-101-CAC→536E-9999-CAC	1904600	1*
667 GM GR	557F-101-CAC→557G-9999-CAC	1904600	1*
667 CUM GR	510A-101-CAC→510A-9999-CAC	1990515	1*
667 CUM GR	510B-101-CAC→510C-9999-CAC	1992140	1*
667 CUM GR	537A-101-CAC→537G-9999-CAC	1990515	1*
667 CUM GR	560H-101-CAC→560H-9999-CAC	1992593	1
668 GM	505A-101-CAC→505B-9999-CAC	541736	1*
668 GM	505C-101-CAC→505C-9999-CAC	1992018	1*
668 CUM	507A-101-CAC→507B-9999-CAC	1990515	1*
668 CUM	507C-101-CAC→507E-9999-CAC	2502452	1*
-----			
668 GM GR	533A-101-CAC→533A-9999-CAC	1992018	1*
668 GM GR	538C-101-CAC→538C-9999-CAC	1992018	1*
668 CUM GR	532A-101-CAC→532E-9999-CAC	2502452	1*
668 CUM GR	539C-101-CAC→539E-9999-CAC	2502452	1*

\*Matched-set of two (2) belts

**ALTERNATOR DRIVE BELT CHART**

DATA-J1 20000-0183

666D

MODEL	MACHINE SERIAL NUMBER	BELT NO.	QUANTITY
662 FORD	501A-101-CAC→501B-9999-CAC	1305202	1
662 GM	502A-101-CAC→502B-9999-CAC	1305106	1*
664 GM	C-9014-101→C-9044-9999	1305106	1*
664 GM	514E-101-CAC→514F-9999-CAC	1305106	1*
664 GM	514H-101→1935-CAC	1922597	2
664 GM	514H-1936→9999-CAC	961262	1*
664 GM	528A-101-CAC→528D-9999-CAC	961262	1*
664 CUM	551D-101-CAC→551G-9999-CAC	1992449	1
664 GM	546H-101-CAC→546H-9999-CAC	1922597	2
664 DEUTZ	529B-101-CAC→529D-9999-CAC	1931218	1
-----			
664 GM GR	508A-101-CAC→508B-9999-CAC	1305106	1*
664 GM GR	508H-101→212-CAC	1922597	2
664 GM GR	508H-213→9999-CAC	961262	1*
665 GM	541B-101-CAC→541F-9999-CAC	961262	1*
665 CUM	553G-101-CAC→553G-9999-CAC	1992449	**
665 GM GR	543B-101-CAC→543F-9999-CAC	961262	1*
665 GM GR	558F-101-CAC→558G-9999-CAC	961262	1
665 CUM GR	554G-101-CAC→554G-9999-CAC	1992449	**
666 GM	C-9016-101→C-9046-9999	1305106	1*
666 GM	513E-101-CAC→513G-9999-CAC	1305106	1*
666 GM	513H-101→3136-CAC	1922597	2
666 GM	513H-3137→9999-CAC	961262	1*
666 GM	548A-101-CAC→548A-9999-CAC	961262	1*
666 CUM	500D-101-CAC→500H-9999-CAC	949985	1*
-----			
666 CUM	559A-101-CAC→559B-9999-CAC	1992449	1
666 GM GR	515A-101-CAC→515A-9999-CAC	1305106	1*
666 GM GR	515H-101→1020-CAC	1922597	2
666 GM GR	515H-1021→9999-CAC	961262	1*
666 GM GR Ext	542H-101→522-CAC	1922597	2
666 GM GR Ext	542H-523-CAC→542H-9999-CAC	961262	1*
666 GM GR	549A-101-CAC→549A-9999-CAC	961262	1*
666 GM GR	552A-101-CAC→552A-9999-CAC	961262	1*
666 GM SWB	526A-101-CAC→526H-9999-CAC	961262	1*
666 CUM SWB	527A-101-CAC→527A-9999-CAC	949985	1*
666 CUM GR	555A-101-CAC→555B-9999-CAC	1992449	1
666 CUM GR	564A-101-CAC→564B-9999-CAC	1992449	1
667 GM	503A-101-CAC→503A-9999-CAC	1305106	1*
667 GM	503B-101-CAC→503B-9999-CAC	1922597	2

\*\*See Fan Belt Chart  
\*Matched-set of two (2) belts



**ENGINE FILTERS - DETROIT DIESEL****SPIN-ON**

DATA-J1 50000-0183

666D

ENGINE	LUBE OIL	FUEL FILTER	
		PRIMARY	SECONDARY
3-53	1992247	1992217	1992215
3-53T	1992247	1992217	1992215
4-53	1992248	1992217	1992215
4-53T	1992248	1992217	1992215
6V-53	1992248	1992216	1992214

**CARTRIDGE**

ENGINE	LUBE OIL	FUEL FILTER	
		PRIMARY	SECONDARY
3-53	946008	945444	944408
3-53T	946008	945444	944408
4-53	215502	945444	944408
4-53T	215502	945444	944408
6V-53	215502	945446	945445

**ENGINE FILTERS - DEUTZ****SPIN-ON**

ENGINE	LUBE OIL	FUEL FILTER
F5L912	1992338	4111378

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
100176	A 4 16450	1 G 20	106998	A 4 11090	1 G 4
	A 4 16500	1 G 22		A 4 11600	1 G 8
100593	A 4 11600	1 G 8		A 4 11625	1 G 12
	A 4 11650	1 G 14		A 4 11650	1 G 14
100941	A 4 16500	1 G 22		A 4 11725	1 G 16
100950	A 4 16450	1 G 20		A 4 21430	1 H 6
101196	A 4 15900	1 G 18		A 4 21450	1 H 8
	A 4 16575	1 G 24	107348	A 4 11600	1 G 8
	A 4 21800	1 H 10		A 4 11650	1 G 14
	A 4 26050	1 H 16	110559	A 4 11090	1 G 4
	A 4 26150	1 H 19		A 4 11625	1 G 12
101257	A 4 15900	1 G 18		A 4 11725	1 G 16
	A 4 21800	1 H 10		A 4 21430	1 H 6
	A 4 26050	1 H 16		A 4 21450	1 H 8
101262	A 4 15900	1 G 18	110843	A 4 15900	1 G 18
	A 4 16575	1 G 24		A 4 16575	1 G 24
	A 4 21800	1 H 10		A 4 21800	1 H 10
	A 4 26050	1 H 17		A 4 26050	1 H 16
	A 4 26150	1 H 19		A 4 26150	1 H 19
101263	A 4 15900	1 G 18	110847	A 4 15900	1 G 18
	A 4 16575	1 G 24		A 4 16575	1 G 24
	A 4 21800	1 H 10		A 4 21800	1 H 10
	A 4 26050	1 H 17		A 4 26050	1 H 17
	A 4 26150	1 H 19		A 4 26150	1 H 19
102745	A 2 10300	1 C 12	111656	A 4 16450	1 G 20
	A 2 10350	1 C 20	112080	A 4 15900	1 G 18
	A 2 10450	1 C 23		A 4 16575	1 G 24
	A 3 30150	1 D 8	112084	A 4 15900	1 G 18
	A 3 30250	1 D 18		A 4 16575	1 G 24
	A 3 30255	1 D 22		A 4 21800	1 H 10
	A 6 24200	1 L 3	112278	A 4 11090	1 G 4
	A 6 24210	1 L 10		A 4 11600	1 G 8
103216	A 4 11600	1 G 8		A 4 11625	1 G 12
	A 4 11650	1 G 14		A 4 11650	1 G 14
104226	A 4 21800	1 H 10		A 4 11725	1 G 16
104412	A 4 11090	1 G 4		A 4 21430	1 H 6
	A 4 11600	1 G 8		A 4 21450	1 H 8
	A 4 11625	1 G 12		A 7 30300	2 A 6
	A 4 11650	1 G 14	112287	A 4 11090	1 G 4
	A 4 11725	1 G 16		A 4 11625	1 G 12
	A 4 21430	1 H 6		A 4 11725	1 G 16
	A 4 21450	1 H 8		A 4 21430	1 H 6
106247	A 4 11090	1 G 4		A 4 21450	1 H 8
	A 4 11625	1 G 12	112289	A 4 15900	1 G 18
	A 4 11725	1 G 16		A 4 16575	1 G 24
	A 4 21430	1 H 6		A 4 21800	1 H 10
	A 4 21450	1 H 8		A 4 26050	1 H 16
106355	A 4 30300	1 I 2		A 4 26150	1 H 19
106357	A 4 30300	1 I 2	112352	A 4 16450	1 G 20
106358	A 3 34200	1 F 8	112354	A 4 16450	1 G 20
	A 4 30300	1 I 2	112460	F 2 97900	3 E 18
106359	A 4 30300	1 I 2	112462	F 2 97900	3 E 18
106457	A 4 11090	1 G 4	113292	A 4 11090	1 G 4
	A 4 11625	1 G 12		A 4 11625	1 G 12
	A 4 11725	1 G 16		A 4 11725	1 G 16
	A 4 21430	1 H 6		A 4 21430	1 H 6
	A 4 21450	1 H 8		A 4 21450	1 H 8
106547	A 3 30300	1 E 4	113888	A 4 11600	1 G 8
	A 4 11090	1 G 4		A 4 11650	1 G 14
	A 4 11625	1 G 12	113929	A 4 11600	1 G 8
	A 4 11725	1 G 16		A 4 21430	1 H 6
	A 4 15900	1 G 18	116584	A 4 30300	1 I 2
	A 4 21430	1 H 6	116588	A 4 11090	1 G 4
	A 4 21450	1 H 8		A 4 11625	1 G 12
	A 4 21800	1 H 10		A 4 11725	1 G 16
	A 4 26050	1 H 16		A 4 21430	1 H 6
106762	A 4 11090	1 G 4		A 4 21450	1 H 8
	A 4 11600	1 G 8	116729	A 4 21800	1 H 10
	A 4 11625	1 G 12	117218	A 4 26050	1 H 17
	A 4 11650	1 G 14		A 4 26150	1 H 19
	A 4 11725	1 G 16	117225	A 4 11090	1 G 4
	A 4 16450	1 G 20		A 4 11625	1 G 12
	A 4 16500	1 G 22		A 4 11725	1 G 16
	A 4 21430	1 H 6		A 4 21430	1 H 6
	A 4 21450	1 H 8		A 4 21450	1 H 8

**ENGINE FILTERS - CUMMINS**

**SPIN-ON**

DATA-J1 50000-0183

666D

ENGINE MODEL	FULL-FLOW OIL FILTER ELEMENT	BY-PASS OIL FILTER ELEMENT	CORROSION RESISTOR ELEMENT	FUEL FILTER ELEMENT
4BT3.9	1992368	N/A	N/A	1992367 *1992366
6BT5.9	1992450	N/A	N/A	1992367 *1992366
VT-378-C	1992235	963023	961028	949095
V-504	1992235	963023	961028	949095
VT-555C	1992235	963023	961028	949095

\*Water Separator

**CARTRIDGE**

ENGINE MODEL	FULL-FLOW OIL FILTER ELEMENT	BY-PASS OIL FILTER ELEMENT
V-378C	949096	949098 947293 (LARGE)
V-504	949096	949098
VT-555C	946011	949098

\*Spin-on

**PRE FUEL**

ENGINE MODEL	IN-LINE FUEL FILTER
4BTA3.9	1992594
6BT.5.9	1992594
6BTA.5.9	1992594

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
117336	A 4 11600	1 G 8	124577	A 4 30115	1 H 22
	A 4 11650	1 G 14		A 4 30625	1 I 4
117538	A 4 26050	1 H 16	124601	A 4 11090	1 G 4
	A 4 26150	1 H 19		A 4 11625	1 G 12
118704	A 4 15900	1 G 18		A 4 11725	1 G 16
	A 4 16575	1 G 24		A 4 21430	1 H 6
	A 4 21800	1 H 10		A 4 21450	1 H 8
	A 4 26050	1 H 16	125567	A 4 15900	1 G 18
	A 4 26150	1 H 19		A 4 16575	1 G 24
118786	A 4 11090	1 G 4		A 4 21800	1 H 10
	A 4 11625	1 G 12		A 4 26050	1 H 16
	A 4 11725	1 G 16		A 4 26150	1 H 19
	A 4 21430	1 H 6	125568	A 4 15900	1 G 18
	A 4 21450	1 H 8		A 4 16575	1 G 24
119270	A 4 11600	1 G 8		A 4 21800	1 H 10
	A 4 11650	1 G 14		A 4 26050	1 H 16
119298	A 4 16450	1 G 20		A 4 26150	1 H 19
119469	A 4 11090	1 G 4	125576	A 4 16450	1 G 20
	A 4 11600	1 G 8		A 4 16500	1 G 22
	A 4 11625	1 G 12	125577	A 4 16450	1 G 20
	A 4 11650	1 G 14		A 4 16500	1 G 22
	A 4 11725	1 G 16	125602	A 4 11090	1 G 4
	A 4 21430	1 H 6		A 4 11625	1 G 12
	A 4 21450	1 H 8		A 4 11725	1 G 16
119853	A 4 11090	1 G 4		A 4 21430	1 H 6
	A 4 11625	1 G 12		A 4 21450	1 H 8
	A 4 11725	1 G 16	125768	A 4 11090	1 G 4
	A 4 21430	1 H 6		A 4 11625	1 G 12
	A 4 21450	1 H 8		A 4 21430	1 H 6
120707	A 4 11090	1 G 4	125769	A 4 11090	1 G 4
	A 4 11600	1 G 8		A 4 11625	1 G 12
	A 4 11625	1 G 12		A 4 21430	1 H 6
	A 4 11650	1 G 14	126130	A 4 16450	1 G 20
	A 4 11725	1 G 16	126133	A 4 16450	1 G 20
	A 4 21430	1 H 6		A 4 16500	1 G 22
	A 4 21450	1 H 8	126136	A 4 15900	1 G 18
121013	A 4 11600	1 G 8		A 4 16450	1 G 20
	A 4 11650	1 G 14		A 4 16500	1 G 22
121014	A 4 11600	1 G 8	126416	A 4 11090	1 G 4
	A 4 11650	1 G 14		A 4 11625	1 G 12
121166	A 4 30115	1 H 22		A 4 11725	1 G 16
	A 4 30625	1 I 4		A 4 21430	1 H 6
121241	A 4 15900	1 G 18		A 4 21450	1 H 8
	A 4 16575	1 G 24	126463	A 4 11600	1 G 8
	A 4 21800	1 H 10	126468	A 4 15900	1 G 18
	A 4 26050	1 H 17		A 4 16450	1 G 20
	A 4 26150	1 H 19		A 4 16575	1 G 24
121632	A 4 30300	1 I 2		A 4 21800	1 H 10
121633	A 4 30300	1 I 2		A 4 26050	1 H 16
122765	A 4 16450	1 G 20		A 4 26150	1 H 19
	A 4 16500	1 G 22	126624	A 4 15900	1 G 18
123747	A 4 15900	1 G 18		A 4 16575	1 G 24
	A 4 16575	1 G 24		A 4 21800	1 H 10
	A 4 21800	1 H 10		A 4 26050	1 H 16
	A 4 26050	1 H 17		A 4 26150	1 H 19
	A 4 26150	1 H 19	126894	A 4 16450	1 G 20
123800	A 4 16450	1 G 20		A 4 16500	1 G 22
	A 4 16500	1 G 22	127398	A 4 30115	1 H 22
123830	A 4 16450	1 G 20	127399	A 4 30115	1 H 22
	A 4 16500	1 G 22	127819	A 4 11090	1 G 4
123831	A 4 15900	1 G 18		A 4 11625	1 G 12
	A 4 16575	1 G 24		A 4 11725	1 G 16
	A 4 21800	1 H 10		A 4 21430	1 H 6
	A 4 26050	1 H 16		A 4 21450	1 H 8
	A 4 26150	1 H 19	127989	A 4 16450	1 G 20
123904	A 4 11600	1 G 8		A 4 16500	1 G 22
124041	A 4 16450	1 G 20	128117	A 4 11600	1 G 8
	A 4 16500	1 G 22		A 4 11650	1 G 14
124202	A 4 21800	1 H 10	128222	A 4 16575	1 G 24
124573	A 4 30115	1 H 22		A 4 21800	1 H 10
124574	A 4 30115	1 H 22		A 4 26050	1 H 16
	A 4 30625	1 I 4		A 4 26150	1 H 19
124575	A 4 30115	1 H 22	128400	A 4 15900	1 G 18
124576	A 4 30115	1 H 22		A 4 16575	1 G 24
	A 4 30625	1 I 4		A 4 21800	1 H 10

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
128400	A 4 26050	1 H 16	214730	A 2 10300	1 C 12
	A 4 26150	1 H 19		A 2 10350	1 C 20
128627	A 4 15900	1 G 18		A 2 10450	1 C 23
128789	A 4 15900	1 G 18	214920	A 2 10300	1 C 13
	A 4 16575	1 G 24	214923	A 2 10300	1 C 13
	A 4 21800	1 H 10	214924	A 2 10300	1 C 13
	A 4 26050	1 H 17		A 2 10350	1 C 21
	A 4 26150	1 H 19		A 2 10450	1 C 24
128830	A 4 11600	1 G 8	214925	A 2 10300	1 C 13
	A 4 11650	1 G 14	214929	A 2 10300	1 C 12
128975	A 4 16450	1 G 20		A 2 10350	1 C 20
	A 4 16500	1 G 22		A 2 10450	1 C 23
128981	A 4 16450	1 G 20	214930	A 2 10300	1 C 12
	A 4 16500	1 G 22		A 2 10350	1 C 20
128989	A 4 16450	1 G 20		A 2 10450	1 C 23
129267	A 4 11600	1 G 8	214931	A 2 10300	1 C 12
	A 4 11650	1 G 14		A 2 10350	1 C 20
129638	A 4 21800	1 H 10		A 2 10450	1 C 23
187991	A 4 11090	1 G 4	214936	A 2 10300	1 C 12
187992	A 4 21430	1 H 6		A 2 10350	1 C 20
188270	A 4 21430	1 H 6		A 2 10450	1 C 23
188826	A 4 21450	1 H 8	214943	A 2 25050	1 D 4
188827	A 4 11725	1 G 16	214946	A 2 25050	1 D 4
189422	A 4 11625	1 G 12	214949	A 2 10300	1 C 12
195960	A 4 11600	1 G 8		A 2 10350	1 C 20
196043	A 4 11650	1 G 14		A 2 10450	1 C 23
200991	A 3 30150	1 D 9		A 2 25050	1 D 4
	A 3 30250	1 D 19	214951	A 2 10300	1 C 13
	A 3 30255	1 D 23		A 2 10350	1 C 20
201413	A 6 23050	1 K 18		A 2 10450	1 C 23
	A 6 23300	1 K 22	214953	A 2 10300	1 C 13
201607	A 3 30300	1 E 4		A 2 10350	1 C 21
202076	A 6 24200	1 L 2		A 2 10450	1 C 24
	A 6 24210	1 L 10	214954	A 2 10300	1 C 12
202200	A 3 30150	1 D 8		A 2 10350	1 C 20
	A 3 30250	1 D 18		A 2 10450	1 C 23
	A 3 30255	1 D 22	214956	A 2 10300	1 C 12
	A 3 34250	1 F 10		A 2 10350	1 C 20
	A 6 15150	1 K 10		A 2 10450	1 C 23
	A 6 15200	1 K 14	214961	A 2 10300	1 C 12
203253	A 6 24200	1 L 2	214962	A 2 10350	1 C 20
	A 6 24210	1 L 10		A 2 10450	1 C 23
206699	D 1 30300	2 J 6		A 9 10120	2 B 4
206770	A 6 24200	1 L 3		A 9 11200	2 B 8
	A 6 24210	1 L 11	214979	A 2 10300	1 C 12
206864	A 2 10300	1 C 12		A 2 10350	1 C 20
	A 2 10350	1 C 20		A 2 10450	1 C 23
	A 2 10450	1 C 23	214980	A 2 10300	1 C 12
	A 3 30150	1 D 9		A 2 10350	1 C 20
	A 3 30250	1 D 19		A 2 10450	1 C 23
	A 3 30255	1 D 23	214983	A 2 10300	1 C 13
	A 6 24200	1 L 2		A 2 10350	1 C 20
	A 6 24210	1 L 10		A 2 10450	1 C 23
207647	A 9 10120	2 B 4	214984	A 2 10300	1 C 13
	A 9 11200	2 B 8		A 2 10350	1 C 21
207873	A 6 23050	1 K 18		A 2 10450	1 C 24
	A 6 23300	1 K 22	214987	A 2 10300	1 C 12
207878	A 6 23050	1 K 19		A 2 10350	1 C 20
	A 6 23300	1 K 23		A 2 10450	1 C 23
208820	A 3 34250	1 F 10	214988	A 2 10300	1 C 14
209313	A 2 10300	1 C 13		A 2 10350	1 C 21
	A 2 10350	1 C 21		A 2 10450	1 C 24
	A 2 10450	1 C 24	215183	A 3 30500	1 E 12
211853	A 6 24200	1 L 4		A 3 30575	1 E 16
	A 6 24210	1 L 12		A 3 30650	1 E 18
214118	A 3 30150	1 D 9		A 6 24200	1 L 3
	A 3 30250	1 D 19		A 6 24210	1 L 11
	A 3 30255	1 D 23	215190	A 3 31000	1 E 20
214295	A 3 30150	1 D 9		A 3 31100	1 E 22
	A 3 30250	1 D 19		A 3 32000	1 E 24
	A 3 30255	1 D 23		A 3 32100	1 F 2
214337	E 2 70060	3 A 7		A 3 33000	1 F 4
	E 2 70070	3 A 13		A 3 33150	1 F 6
	E 2 70150	3 A 18		A 6 24200	1 L 3
	E 2 70200	3 A 22		A 6 24210	1 L 10

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
215196	A 3 34200	1 F 8	223125	A 2 10300	1 C 13
	A 3 34250	1 F 10		A 2 10350	1 C 21
215197	A 3 34200	1 F 8		A 2 10450	1 C 24
215199	A 3 34200	1 F 8	223222	A 6 24200	1 L 4
	A 3 34250	1 F 10		A 6 24210	1 L 11
215200	A 3 34200	1 F 8	223349	A 3 30500	1 E 12
	A 3 34250	1 F 10		A 3 30575	1 E 16
215502	J 1 50000	3 F 9		A 3 30650	1 E 18
215757	A 3 30150	1 D 9	223833	A 2 10350	1 C 21
	A 3 30250	1 D 19	223862	A 3 30150	1 D 9
	A 3 30255	1 D 23		A 3 30250	1 D 19
216058	A 2 10300	1 C 12		A 3 30255	1 D 23
	A 2 10350	1 C 20	223874	A 3 30500	1 E 12
	A 2 10450	1 C 23		A 3 30575	1 E 16
	A 3 30150	1 D 8		A 3 30650	1 E 18
	A 3 30250	1 D 18	223877	A 3 30500	1 E 12
	A 3 30255	1 D 22		A 3 30575	1 E 16
	A 6 24200	1 L 3		A 3 30650	1 E 18
	A 6 24210	1 L 10		A 6 24200	1 L 3
216268	A 6 24200	1 L 2		A 6 24210	1 L 10
	A 6 24210	1 L 10	223881	A 3 30300	1 E 4
217420	A 6 24200	1 L 4		A 3 30500	1 E 12
	A 6 24210	1 L 12		A 3 30575	1 E 16
217509	A 3 30300	1 E 4		A 3 30650	1 E 18
217657	A 3 34200	1 F 8	223901	A 3 30150	1 D 8
	A 3 34250	1 F 10		A 3 30250	1 D 18
	A 6 15150	1 K 10		A 3 30255	1 D 22
	A 6 15200	1 K 14		A 6 24200	1 L 2
217693	A 6 23050	1 K 20		A 6 24210	1 L 10
	A 6 23300	1 K 23	223925	A 3 30150	1 D 8
218777	A 6 23050	1 K 20		A 3 30250	1 D 18
	A 6 23300	1 K 23		A 3 30255	1 D 22
219370	A 3 30150	1 D 9	223964	A 3 30500	1 E 12
	A 3 30250	1 D 19		A 3 30575	1 E 16
	A 3 30255	1 D 23		A 3 30650	1 E 18
219373	A 3 30150	1 D 9	223989	A 6 23050	1 K 18
	A 3 30250	1 D 19		A 6 23300	1 K 22
	A 3 30255	1 D 23	224009	A 2 10300	1 C 13
220079	A 3 30500	1 E 12		A 2 10350	1 C 20
	A 3 30575	1 E 16		A 2 10450	1 C 23
	A 3 30650	1 E 18	224026	A 3 30150	1 D 8
220725	A 6 23050	1 K 19		A 3 30250	1 D 18
	A 6 23300	1 K 23		A 3 30255	1 D 22
220983	A 2 25050	1 D 4		A 4 11600	1 G 8
221408	A 6 24200	1 L 2		A 4 11650	1 G 14
	A 6 24210	1 L 10		A 6 24200	1 L 2
222006	A 2 10300	1 C 13		A 6 24210	1 L 10
	A 2 10350	1 C 21	224039	A 2 10300	1 C 12
	A 2 10450	1 C 24		A 2 10350	1 C 20
222031	A 6 23050	1 K 19		A 2 10450	1 C 23
	A 6 23300	1 K 23	224065	A 3 30150	1 D 10
222067	A 3 30150	1 D 8		A 3 30250	1 D 20
	A 3 30250	1 D 18		A 3 30255	1 D 24
	A 3 30255	1 D 22	224083	A 3 30150	1 D 10
	A 6 24200	1 L 3		A 3 30250	1 D 20
	A 6 24210	1 L 11		A 3 30255	1 D 24
222079	A 2 10300	1 C 13		A 3 30500	1 E 12
	A 2 10350	1 C 20		A 3 30575	1 E 16
	A 2 10450	1 C 23		A 3 30650	1 E 18
222179	A 3 30150	1 D 9		A 6 24200	1 L 2
	A 3 30250	1 D 19		A 6 24210	1 L 10
	A 3 30255	1 D 23	224106	A 3 30500	1 E 12
222312	A 2 25050	1 D 4		A 3 30575	1 E 16
222318	A 2 25050	1 D 4		A 3 30650	1 E 18
222418	A 6 23050	1 K 18	224315	A 3 34200	1 F 8
	A 6 23300	1 K 22	224368	A 2 25050	1 D 4
222684	A 2 10300	1 C 13	224369	A 2 25050	1 D 4
222960	A 3 30150	1 D 9	224771	A 3 31000	1 E 20
	A 3 30250	1 D 19		A 3 32000	1 E 24
	A 3 30255	1 D 23		A 3 33000	1 F 4
223084	A 6 23050	1 K 19		A 6 24200	1 L 2
	A 6 23300	1 K 22		A 6 24210	1 L 10
223124	A 2 10300	1 C 13	224772	A 3 31000	1 E 20
	A 2 10350	1 C 21		A 3 31100	1 E 22
	A 2 10450	1 C 24		A 3 32000	1 E 24

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
224772	A 3 32100	1 F 2	230885	A 3 30575	1 E 16
	A 3 33000	1 F 4		A 3 30650	1 E 18
	A 3 33150	1 F 6	230886	A 3 30500	1 E 12
	A 6 24200	1 L 3		A 3 30575	1 E 16
	A 6 24210	1 L 10		A 3 30650	1 E 18
224774	A 3 31000	1 E 20	230888	A 3 30500	1 E 12
	A 3 31100	1 E 22		A 3 30575	1 E 16
	A 3 32000	1 E 24		A 3 30650	1 E 18
	A 3 32100	1 F 2	230889	A 3 30500	1 E 12
	A 3 33000	1 F 4		A 3 30575	1 E 16
	A 3 33150	1 F 6		A 3 30650	1 E 18
	A 6 24200	1 L 3	230900	A 3 30150	1 D 9
	A 6 24210	1 L 10		A 3 30250	1 D 19
225313	A 6 23050	1 K 19		A 3 30255	1 D 23
	A 6 23300	1 K 22	230906	A 3 30500	1 E 12
225601	A 3 30150	1 D 8		A 3 30575	1 E 16
	A 3 30250	1 D 18		A 3 30650	1 E 18
	A 3 30255	1 D 22	230911	A 3 33000	1 F 4
225603	A 3 30150	1 D 8		A 3 33150	1 F 6
	A 3 30250	1 D 18		A 6 24200	1 L 3
	A 3 30255	1 D 22		A 6 24210	1 L 10
	A 3 30500	1 E 12	230921	A 3 30150	1 D 9
	A 3 30575	1 E 16		A 3 30250	1 D 19
	A 3 30650	1 E 18		A 3 30255	1 D 23
225793	A 6 23050	1 K 20	230952	A 3 30300	1 E 4
	A 6 23300	1 K 23	230954	A 3 30150	1 D 10
225800	A 6 23050	1 K 20		A 3 30250	1 D 20
	A 6 23300	1 K 23		A 3 30255	1 D 24
225823	A 3 30150	1 D 9	230957	A 3 30500	1 E 12
	A 3 30250	1 D 19		A 3 30575	1 E 16
	A 3 30255	1 D 23		A 3 30650	1 E 18
225844	A 6 24200	1 L 4	230968	A 3 30500	1 E 12
	A 6 24210	1 L 11		A 3 30575	1 E 16
225956	A 6 24200	1 L 2		A 3 30650	1 E 18
	A 6 24210	1 L 10	231017	A 6 23050	1 K 18
226862	A 6 24200	1 L 2		A 6 23300	1 K 22
	A 6 24210	1 L 10	231034	A 3 30300	1 E 4
227495	A 3 30300	1 E 4	231048	A 3 30150	1 D 8
227874	A 3 34200	1 F 8		A 3 30250	1 D 18
227881	A 3 30300	1 E 4		A 3 30255	1 D 22
228931	A 3 34200	1 F 8	231055	A 3 30300	1 E 4
	A 3 34250	1 F 10	231058	A 3 30150	1 D 8
229566	A 2 10300	1 C 13	231059	A 3 30150	1 D 9
	A 2 10450	1 C 24		A 6 24200	1 L 2
230067	A 6 23050	1 K 20	231136	A 3 30150	1 D 9
	A 6 23300	1 K 23		A 3 30250	1 D 19
230822	A 3 30500	1 E 12		A 3 30255	1 D 23
	A 3 30575	1 E 16	231146	A 3 34200	1 F 8
	A 6 24200	1 L 3	231155	A 3 34200	1 F 8
	A 6 24210	1 L 10		A 3 34250	1 F 10
230829	A 3 30500	1 E 12	231158	A 3 34200	1 F 8
	A 3 30575	1 E 16		A 3 34250	1 F 10
	A 3 30650	1 E 18	231164	A 3 34200	1 F 8
	A 6 24200	1 L 3		A 3 34250	1 F 10
	A 6 24210	1 L 10	231176	A 3 30500	1 E 12
230851	A 3 30150	1 D 8		A 3 30575	1 E 16
	A 3 30250	1 D 18		A 3 30650	1 E 18
	A 3 30255	1 D 22	231193	A 3 30500	1 E 12
	A 6 24200	1 L 3		A 3 30575	1 E 16
	A 6 24210	1 L 11		A 3 30650	1 E 18
230857	A 3 31000	1 E 20	231194	A 3 33000	1 F 4
	A 3 31100	1 E 22		A 3 33150	1 F 6
	A 3 32000	1 E 24	231229	A 3 30500	1 E 12
	A 3 32100	1 F 2		A 3 30575	1 E 16
	A 3 33000	1 F 4		A 3 30650	1 E 18
	A 3 33150	1 F 6	231231	A 6 23050	1 K 18
	A 6 24200	1 L 2		A 6 23300	1 K 22
	A 6 24210	1 L 10	231261	A 6 24210	1 L 10
230860	A 3 30500	1 E 12	231267	A 6 24210	1 L 11
	A 3 30575	1 E 16	231274	A 6 24200	1 L 4
	A 3 30650	1 E 18		A 6 24210	1 L 11
230871	A 3 30500	1 E 12	231275	A 6 24210	1 L 11
	A 3 30575	1 E 16	231276	A 6 24200	1 L 4
	A 3 30650	1 E 18		A 6 24210	1 L 11
230885	A 3 30500	1 E 12	231278	A 6 24200	1 L 3

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
231278	A 6 24210	1 L 11	231636	A 3 30150	1 D 8
231279	A 6 24200	1 L 3		A 3 30250	1 D 18
	A 6 24210	1 L 11		A 3 30255	1 D 22
231283	A 6 24200	1 L 3	231639	A 3 30300	1 E 4
	A 6 24210	1 L 11	231646	A 3 30300	1 E 4
231284	A 6 24200	1 L 3	231647	A 3 30500	1 E 12
	A 6 24210	1 L 11		A 3 30575	1 E 16
231285	A 6 24200	1 L 3		A 3 30650	1 E 18
	A 6 24210	1 L 11	231692	A 3 30300	1 E 4
231290	A 6 23050	1 K 20	231693	A 3 30300	1 E 4
	A 6 23300	1 K 23	231695	A 3 30150	1 D 10
231292	A 6 23050	1 K 19		A 3 30250	1 D 20
	A 6 23300	1 K 23		A 3 30255	1 D 24
231293	A 6 23050	1 K 19	231699	A 3 30300	1 E 4
	A 6 23300	1 K 23	231701	A 3 30300	1 E 4
231294	A 6 23050	1 K 20	231703	A 3 30300	1 E 5
	A 6 23300	1 K 23	231704	A 3 30300	1 E 4
231300	A 6 23050	1 K 19	231705	A 3 30300	1 E 4
	A 6 23300	1 K 23	231708	A 3 30300	1 E 4
231303	A 6 23050	1 K 18	231709	A 3 30300	1 E 4
	A 6 23300	1 K 22	231741	A 3 30300	1 E 4
231308	A 6 23050	1 K 19	231743	A 6 24200	1 L 3
	A 6 23300	1 K 22	231744	A 6 24200	1 L 3
231319	A 6 15150	1 K 10	231751	A 3 30300	1 E 5
	A 6 15200	1 K 14	231752	A 3 30300	1 E 4
231320	A 6 15150	1 K 10	231782	A 3 30150	1 D 8
	A 6 15200	1 K 14		A 3 30250	1 D 18
231332	A 6 23050	1 K 18		A 3 30255	1 D 22
	A 6 23300	1 K 22	231798	A 3 30150	1 D 8
231333	A 6 23050	1 K 18		A 3 30250	1 D 18
	A 6 23300	1 K 22		A 3 30255	1 D 22
231336	A 6 23050	1 K 18	231811	A 6 23050	1 K 18
	A 6 23300	1 K 22		A 6 23300	1 K 22
231338	A 6 23050	1 K 18	231817	A 3 30150	1 D 9
	A 6 23300	1 K 22		A 3 30250	1 D 19
231387	A 6 15150	1 K 10		A 3 30255	1 D 23
	A 6 15200	1 K 14	231818	A 3 30150	1 D 10
231390	A 3 30150	1 D 9		A 3 30250	1 D 20
	A 3 30250	1 D 19		A 3 30255	1 D 24
	A 3 30255	1 D 23	231831	A 6 23300	1 K 23
231399	A 6 23050	1 K 20	231839	A 3 34200	1 F 8
	A 6 23300	1 K 23		A 3 34250	1 F 10
231405	A 3 30150	1 D 10	231840	A 3 34200	1 F 8
	A 3 30250	1 D 20		A 3 34250	1 F 10
	A 3 30255	1 D 24	231842	A 6 23050	1 K 20
231406	A 3 30150	1 D 10		A 6 23300	1 K 23
	A 3 30250	1 D 20	231843	A 6 23050	1 K 19
	A 3 30255	1 D 24		A 6 23300	1 K 23
231495	A 6 23050	1 K 19	231848	A 3 30150	1 D 10
	A 6 23300	1 K 23		A 3 30250	1 D 20
231553	A 3 30150	1 D 8		A 3 30255	1 D 24
	A 3 30250	1 D 18	231849	A 3 30150	1 D 10
	A 3 30255	1 D 22		A 3 30250	1 D 20
	A 6 24210	1 L 10		A 3 30255	1 D 24
231606	A 3 30150	1 D 9	231850	A 3 30150	1 D 10
	A 3 30250	1 D 19		A 3 30250	1 D 20
	A 3 30255	1 D 23		A 3 30255	1 D 24
231611	A 3 30150	1 D 9	231851	A 3 30150	1 D 10
	A 3 30250	1 D 19		A 3 30250	1 D 20
	A 3 30255	1 D 23		A 3 30255	1 D 24
231624	A 3 30150	1 D 8	232081	A 3 30500	1 E 12
	A 3 30250	1 D 18		A 3 30575	1 E 16
	A 3 30255	1 D 22		A 3 30650	1 E 18
231628	A 3 30150	1 D 8	232088	A 3 30500	1 E 12
	A 3 30250	1 D 18		A 3 30575	1 E 16
	A 3 30255	1 D 22		A 3 30650	1 E 18
231629	A 3 30150	1 D 8	232089	A 3 30500	1 E 12
	A 3 30250	1 D 18		A 3 30575	1 E 16
	A 3 30255	1 D 22		A 3 30650	1 E 18
231630	A 3 30150	1 D 10		A 6 24200	1 L 3
	A 3 30250	1 D 20		A 6 24210	1 L 10
	A 3 30255	1 D 24	232141	A 6 24200	1 L 3
231632	A 3 30500	1 E 12	232157	A 6 24200	1 L 4
231633	A 3 30150	1 D 8		A 6 24210	1 L 12
231635	A 3 30150	1 D 8	232158	A 6 24200	1 L 4

# NUMERICAL INDEX

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
232159	A 6 24200	1 L 4	232943	A 6 23050	1 K 19
	A 6 24210	1 L 12		A 6 23300	1 K 22
232160	A 6 24200	1 L 4	232944	A 6 23050	1 K 18
	A 6 24210	1 L 12		A 6 23300	1 K 22
232162	A 6 24210	1 L 12	232947	A 6 23050	1 K 18
232239	A 6 23050	1 K 18		A 6 23300	1 K 22
	A 6 23300	1 K 22	233128	A 2 10300	1 C 12
232240	A 6 23050	1 K 18		A 2 10350	1 C 20
	A 6 23300	1 K 22		A 2 10450	1 C 23
232281	A 6 24200	1 L 2		A 6 24200	1 L 2
	A 6 24210	1 L 10	233166	A 6 24210	1 L 10
232282	A 6 24200	1 L 2		A 3 31000	1 E 20
	A 6 24210	1 L 10		A 3 31100	1 E 22
232283	A 6 24200	1 L 2		A 3 32000	1 E 24
	A 6 24210	1 L 10	233194	A 3 32100	1 F 2
232285	A 6 23050	1 K 19		A 6 24200	1 L 3
	A 6 23300	1 K 23	233302	A 6 24210	1 L 11
232313	A 3 30500	1 E 12		A 6 24200	1 L 4
	A 3 30575	1 E 16	233361	A 6 24210	1 L 11
	A 3 30650	1 E 18		A 6 24200	1 L 4
232314	A 3 30575	1 E 16	233389	A 6 24210	1 L 11
	A 3 30650	1 E 18		A 3 30500	1 E 12
232338	A 6 23050	1 K 18		A 3 30575	1 E 16
	A 6 23300	1 K 22	233390	A 3 30650	1 E 18
232346	A 6 24200	1 L 3		A 3 30500	1 E 12
	A 6 24210	1 L 11		A 3 30575	1 E 16
232348	A 6 24200	1 L 3		A 3 30650	1 E 18
	A 6 24210	1 L 11	233488	A 3 30500	1 E 12
232349	A 6 24200	1 L 4		A 3 30575	1 E 16
	A 6 24210	1 L 11	233534	A 3 30650	1 E 18
232350	A 6 24200	1 L 4	233598	A 2 10300	1 C 12
	A 6 24210	1 L 12		A 2 10450	1 C 24
232351	A 6 24200	1 L 4		A 6 24200	1 L 3
	A 6 24210	1 L 11		A 6 24210	1 L 11
232355	A 6 24200	1 L 4	233652	A 3 30150	1 D 9
232356	A 6 24200	1 L 4		A 3 30250	1 D 19
232357	A 6 24200	1 L 4		A 3 30255	1 D 23
	A 6 24210	1 L 12		A 3 30650	1 E 18
232362	A 6 24200	1 L 4	233656	A 3 30500	1 E 12
	A 6 24210	1 L 11		A 3 30575	1 E 16
232363	A 6 24200	1 L 3	233702	A 3 30500	1 E 12
	A 6 24210	1 L 11	233850	A 6 24200	1 L 4
232365	A 6 24200	1 L 3		A 6 24210	1 L 11
	A 6 24210	1 L 11	233859	A 6 23050	1 K 19
232366	A 6 24200	1 L 4		A 6 23300	1 K 23
	A 6 24210	1 L 11	233888	A 3 30300	1 E 4
232367	A 6 24200	1 L 4	233895	A 3 30300	1 E 4
	A 6 24210	1 L 11	234001	A 6 23050	1 K 18
232368	A 6 23050	1 K 20		A 6 23300	1 K 22
	A 6 23300	1 K 23	234279	A 3 34250	1 F 10
232370	A 6 23050	1 K 19	234350	A 3 30575	1 E 16
232394	A 3 30300	1 E 4		A 3 30650	1 E 18
232488	A 3 30150	1 D 10	234597	A 6 23050	1 K 18
	A 3 30250	1 D 20	234651	A 3 34200	1 F 8
	A 3 30255	1 D 24		A 3 34250	1 F 10
232489	A 3 30150	1 D 9		A 6 15150	1 K 10
	A 3 30250	1 D 18		A 6 15200	1 K 14
232490	A 3 30150	1 D 8	234663	A 3 30255	1 D 22
	A 3 30250	1 D 18		A 3 34250	1 F 10
232491	A 3 30150	1 D 10	234761	A 6 23050	1 K 19
	A 3 30250	1 D 20		A 6 23300	1 K 23
	A 3 30255	1 D 24	234834	A 3 30300	1 E 4
232535	A 2 10300	1 C 14	234836	A 3 30150	1 D 10
	A 2 10350	1 C 21		A 3 30250	1 D 20
	A 2 10450	1 C 24		A 3 30255	1 D 24
232628	A 6 23050	1 K 19	234864	A 3 30150	1 D 8
	A 6 23300	1 K 23		A 3 30250	1 D 18
232635	A 6 23050	1 K 19		A 3 30255	1 D 22
	A 6 23300	1 K 23	235034	A 3 32000	1 E 24
232715	A 6 24200	1 L 4	235038	A 3 31000	1 E 20
	A 6 24210	1 L 11	235058	A 3 34250	1 F 10
232903	A 6 23050	1 K 18	235061	A 3 34250	1 F 10
	A 6 23300	1 K 22	235091	A 6 24200	1 L 2
232904	A 6 23050	1 K 18		A 6 24210	1 L 10
	A 6 23300	1 K 22			

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
235435	A 3 30300	1 E 4	238705	A 2 10350	1 C 20
235563	A 6 24200	1 L 2		A 2 10450	1 C 23
	A 6 24210	1 L 10	238938	A 3 30255	1 D 22
235593	A 2 10300	1 C 13	239216	A 6 23050	1 K 18
235823	A 3 34200	1 F 8		A 6 23300	1 K 22
235931	A 3 34250	1 F 10	239230	A 3 30650	1 E 18
235961	A 2 10300	1 C 12	239243	A 3 34250	1 F 10
	A 2 10350	1 C 20		A 6 24210	1 L 10
	A 2 10450	1 C 23	239244	A 3 30250	1 D 19
	A 9 10120	2 B 4		A 3 30255	1 D 23
	A 9 11200	2 B 8		A 3 30575	1 E 16
236395	A 3 34200	1 F 8		A 3 30650	1 E 18
	A 3 34250	1 F 10	239493	A 3 30300	1 E 5
236532	A 2 10350	1 C 21	239742	A 2 10300	1 C 13
236574	A 6 23050	1 K 19		A 2 10350	1 C 20
	A 6 23300	1 K 22		A 2 10450	1 C 23
236810	A 3 31100	1 E 22		A 3 30500	1 E 12
	A 3 32100	1 F 2		A 3 30575	1 E 16
236892	A 3 30300	1 E 5		A 3 30650	1 E 18
236893	A 3 30300	1 E 5	239743	A 2 10350	1 C 21
236936	A 2 10300	1 C 13		A 2 10450	1 C 24
	A 2 10350	1 C 21	239953	A 3 30500	1 E 12
	A 2 10450	1 C 24	240318	A 2 10300	1 C 13
236937	A 2 10300	1 C 14	240467	A 2 10450	1 C 24
	A 2 10350	1 C 21	240978	A 3 30300	1 E 4
	A 2 10450	1 C 24	240979	A 3 30300	1 E 4
236989	A 3 31100	1 E 22	241077	A 3 34250	1 F 10
	A 3 32100	1 F 2	241087	A 6 15150	1 K 10
237025	A 2 10350	1 C 21	241104	A 6 15150	1 K 10
	A 2 10450	1 C 24	241105	A 6 15150	1 K 10
237089	A 3 30650	1 E 18	241631	A 3 34250	1 F 10
237151	A 3 30255	1 D 24	241636	A 3 34250	1 F 10
237230	A 2 10350	1 C 21	241669	A 3 34250	1 F 10
	A 2 10450	1 C 24	241670	A 3 34250	1 F 10
237232	A 2 10350	1 C 21	241680	A 3 30250	1 D 18
	A 2 10450	1 C 24		A 3 30255	1 D 22
237233	A 2 10350	1 C 21	241681	A 3 30250	1 D 18
	A 2 10450	1 C 24		A 3 30255	1 D 22
237243	A 2 10300	1 C 14	241684	A 3 30250	1 D 18
	A 2 10350	1 C 21		A 3 30255	1 D 22
	A 2 10450	1 C 24	241685	A 3 30250	1 D 18
237275	A 3 34250	1 F 10		A 3 30255	1 D 22
237329	A 6 23300	1 K 22	241687	A 3 30575	1 E 16
237331	A 3 30300	1 E 5		A 3 30650	1 E 18
237405	A 2 10300	1 C 13	241917	A 3 30575	1 E 16
	A 2 10350	1 C 20		A 3 30650	1 E 18
	A 2 10450	1 C 23	241918	A 3 30575	1 E 16
237548	A 2 10300	1 C 12		A 3 30650	1 E 18
	A 2 10350	1 C 20	242042	A 6 15200	1 K 14
	A 2 10450	1 C 23	242043	A 6 15200	1 K 14
237572	A 2 10350	1 C 21	242044	A 6 15200	1 K 14
	A 2 10450	1 C 24	242404	A 3 30150	1 D 9
237576	A 3 30150	1 D 8		A 3 30250	1 D 19
	A 3 30250	1 D 18		A 3 30255	1 D 23
	A 3 30255	1 D 22	242408	A 3 30150	1 D 9
237698	A 3 34250	1 F 10		A 3 30250	1 D 19
237725	A 3 30150	1 D 9		A 3 30255	1 D 23
	A 3 30250	1 D 19	242444	A 3 30575	1 E 16
	A 3 30255	1 D 23		A 3 30650	1 E 18
237749	A 3 30300	1 E 4	242873	A 3 31000	1 E 20
237819	A 3 32100	1 F 2		A 3 31100	1 E 22
237823	A 3 31100	1 E 22		A 3 32000	1 E 24
237972	A 3 30300	1 E 4		A 3 32100	1 F 2
	A 3 30575	1 E 16		A 3 33000	1 F 4
	A 3 30650	1 E 18		A 3 33150	1 F 6
238026	A 4 16500	1 G 22		A 6 24200	1 L 2
238135	A 2 10350	1 C 20		A 6 24210	1 L 10
	A 2 10450	1 C 23	242874	A 3 31100	1 E 22
238270	A 3 30300	1 E 4		A 3 32100	1 F 2
238425	A 3 30300	1 E 4	243368	A 3 31100	1 E 22
238426	A 3 30300	1 E 5		A 3 32100	1 F 2
238428	A 3 30150	1 D 8		A 3 33150	1 F 6
238535	A 3 30150	1 D 8	243970	A 2 10350	1 C 21
	A 3 30250	1 D 18		A 2 10450	1 C 24
	A 3 30255	1 D 22	284247	A 6 23050	1 K 18

# NUMERICAL INDEX

# RANGER

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
287720	A 3 30150	1 D 8	619023	A 3 30300	1 E 4
288314	A 2 10300	1 C 12	635373	A 7 29500	1 L 24
288856	A 2 10350	1 C 20	636260	F 2 52000	3 C 12
288974	A 6 23300	1 K 22		F 2 52050	3 C 16
289268	A 3 30250	1 D 18	636960	A 9 10120	2 B 4
289439	A 2 10450	1 C 23		A 9 11200	2 B 8
289471	A 3 30255	1 D 22	640202	A 7 20400	1 L 20
316480	A 7 20400	1 L 20		A 7 30300	2 A 6
	A 7 30300	2 A 6	641297	A 3 30300	1 E 5
336991	D 1 30300	2 J 6	645092	A 7 29500	1 L 24
358394	D 1 10130	2 I 10	654144	A 4 15900	1 G 18
	D 1 11700	2 I 14		A 4 16575	1 G 24
	D 1 11900	2 I 18		A 4 21800	1 H 10
	D 1 11980	2 I 22		A 4 26050	1 H 16
399081	D 1 30300	2 J 6		A 4 26150	1 H 19
399469	A 1 20780	1 B 16	654613	A 3 30500	1 E 12
	A 1 20800	1 B 20		A 3 30575	1 E 16
	A 1 21440	1 B 24		A 6 24200	1 L 3
430143	A 6 11425	1 K 2		A 6 24210	1 L 10
450230	A 2 10300	1 C 12	658038	A 3 30500	1 E 12
516058	A 1 20800	1 B 20		A 3 30575	1 E 16
	A 1 21440	1 B 24		A 3 30650	1 E 18
521686	A 1 20780	1 B 16	658988	A 4 15900	1 G 18
	A 1 20800	1 B 20		A 4 16575	1 G 24
	A 1 21440	1 B 24		A 4 21800	1 H 10
524657	D 1 10130	2 I 10		A 4 26050	1 H 16
	D 1 11700	2 I 14		A 4 26150	1 H 19
	D 1 11900	2 I 18	659065	A 2 10300	1 C 13
	D 1 11980	2 I 22		A 2 10350	1 C 21
525293	A 9 16500	2 B 22		A 2 10450	1 C 24
	D 1 10130	2 I 10	660178	A 2 25050	1 D 4
	D 1 11700	2 I 14	661312	E 1 10150	2 J 16
530887	D 1 30300	2 J 6		E 1 13070	2 K 6
541736	A 1 15310	1 B 4	661862	F 2 95050	3 D 23
542135	F 2 90530	3 D 6	662487	A 10 15070	2 C 14
	F 2 93250	3 D 14	664140	A 3 34200	1 F 8
544512	A 7 29500	1 L 24		A 3 34250	1 F 10
545005	A 7 29500	1 L 24		A 6 15150	1 K 10
551530	F 2 52000	3 C 12		A 6 15200	1 K 14
	F 2 52050	3 C 16	664871	D 1 10130	2 I 10
552914	A 7 29500	1 L 24		D 1 11900	2 I 18
	D 1 30600	2 J 10	666446	E 2 45000	2 L 12
557527	J 1 20000	3 F 5	666542	A 2 10300	1 C 14
561912	A 9 20700	2 C 2		A 2 10350	1 C 21
565295	D 1 10130	2 I 10		A 2 10450	1 C 24
	D 1 11900	2 I 18	666697	A 3 30150	1 D 10
	D 1 11980	2 I 22		A 3 30250	1 D 20
565389	A 9 20700	2 C 2		A 3 30255	1 D 24
	A 9 22500	2 C 6	666846	A 8 10080	2 A 18
	F 2 32100	3 C 4	666863	A 1 10410	1 A 6
569739	A 1 10410	1 A 6	666867	F 2 93250	3 D 14
	A 1 10420	1 A 10	667275	A 4 15900	1 G 18
	A 1 11900	1 A 14		A 4 16575	1 G 24
580282	A 1 20780	1 B 16		A 4 21800	1 H 10
583454	A 9 13300	2 B 12		A 4 26050	1 H 16
584501	D 1 11980	2 I 22		A 4 26150	1 H 19
586452	B 5 10080	2 G 18	667276	A 4 15900	1 G 18
595096	B 6 10015	2 H 4		A 4 16575	1 G 24
	B 6 10017	2 H 8		A 4 21800	1 H 10
611838	A 9 20700	2 C 2		A 4 26050	1 H 16
616502	E 2 70060	3 A 6		A 4 26150	1 H 19
	E 2 70070	3 A 12	667277	A 4 15900	1 G 18
616792	A 3 36600	1 F 18		A 4 16450	1 G 20
	A 3 36700	1 F 22		A 4 16500	1 G 22
	A 6 11425	1 K 2		A 4 16575	1 G 24
616796	A 1 10410	1 A 6		A 4 21800	1 H 10
	A 1 10420	1 A 10		A 4 26050	1 H 16
	A 1 11900	1 A 14		A 4 26150	1 H 19
	D 1 11980	2 I 22	667278	A 4 15900	1 G 18
616880	A 1 11900	1 A 14		A 4 16450	1 G 20
619021	C 1 10090	2 I 4		A 4 16500	1 G 22
	C 1 10100	2 I 6		A 4 16575	1 G 24
619023	A 2 10300	1 C 13		A 4 21800	1 H 10
	A 2 10350	1 C 21		A 4 26050	1 H 16
	A 2 10450	1 C 24		A 4 26150	1 H 19

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
667466	A 4 15900	1 G 18	743439	A 3 30250	1 D 20
	A 4 16575	1 G 24		A 3 30255	1 D 24
	A 4 21800	1 H 10		A 6 24200	1 L 2
	A 4 26050	1 H 16		A 6 24210	1 L 10
	A 4 26150	1 H 19	755054	A 9 10120	2 B 4
668553	A 4 11600	1 G 8		A 9 11200	2 B 8
	A 4 11650	1 G 14		A 10 14100	2 C 10
671858	A 1 10410	1 A 6		A 10 15070	2 C 14
672004	A 4 11600	1 G 8		A 10 16300	2 C 18
	A 4 11650	1 G 14		A 10 16400	2 C 20
672005	A 4 11600	1 G 8	763810	F 2 32100	3 C 4
	A 4 11650	1 G 14	774024	A 4 11090	1 G 4
672907	A 4 30115	1 H 22		A 4 11625	1 G 12
	A 4 30625	1 I 4		A 4 11725	1 G 16
675227	A 9 20700	2 C 2		A 4 21430	1 H 6
675248	A 4 16450	1 G 20		A 4 21450	1 H 8
	A 4 16500	1 G 22	774623	A 6 23050	1 K 20
675249	A 4 16450	1 G 20		A 6 23300	1 K 23
	A 4 16500	1 G 22	784568	A 10 16300	2 C 18
675257	A 4 16450	1 G 20		A 10 16400	2 C 20
	A 4 16500	1 G 22	791585	F 2 32100	3 C 4
675261	A 4 11600	1 G 8	801227	A 2 10350	1 C 21
	A 4 11650	1 G 14		A 2 10450	1 C 24
675536	A 4 16450	1 G 20	801524	A 2 10300	1 C 13
	A 4 16500	1 G 22		A 2 10350	1 C 21
696073	F 2 95050	3 D 23		A 2 10450	1 C 24
710288	A 4 16450	1 G 20	801607	A 2 10300	1 C 13
	A 4 16500	1 G 22	801790	A 6 24210	1 L 12
710749	A 3 30500	1 E 12	801801	A 3 30150	1 D 10
711161	A 6 23050	1 K 19		A 3 30250	1 D 18
	A 6 23300	1 K 23		A 3 30255	1 D 22
711178	A 6 23050	1 K 19	801805	A 3 30300	1 E 5
	A 6 23300	1 K 23	801941	A 3 30300	1 E 4
711298	A 2 10300	1 C 12	801942	A 3 30300	1 E 4
	A 2 10350	1 C 20	801984	A 2 10300	1 C 13
	A 2 10450	1 C 23		A 2 10350	1 C 20
713186	A 2 10300	1 C 12		A 2 10450	1 C 23
	A 2 10350	1 C 20	802003	A 2 10300	1 C 13
	A 2 10450	1 C 23		A 2 10450	1 C 24
713967	A 9 10120	2 B 4	802164	A 3 31000	1 E 20
730227	A 9 22500	2 C 6		A 3 32000	1 E 24
731016	A 8 10070	2 A 14		A 3 33000	1 F 4
	A 8 10080	2 A 18		A 6 24200	1 L 2
	A 8 11600	2 A 22		A 6 24210	1 L 10
731160	A 3 30500	1 E 12	815040	A 4 16450	1 G 20
	A 3 30575	1 E 16		A 4 16500	1 G 22
	A 3 30650	1 E 18	815172	A 4 15900	1 G 18
	A 6 24200	1 L 3		A 4 16575	1 G 24
	A 6 24210	1 L 10		A 4 26050	1 H 16
731794	A 10 16300	2 C 18		A 4 26150	1 H 19
	A 10 16400	2 C 20	815202	A 4 16450	1 G 20
742240	A 3 30150	1 D 9		A 4 16500	1 G 22
	A 3 30250	1 D 19	815769	A 4 15900	1 G 18
	A 3 30255	1 D 23		A 4 16575	1 G 24
742262	A 4 11090	1 G 4		A 4 21800	1 H 10
	A 4 11625	1 G 12		A 4 26050	1 H 16
	A 4 11725	1 G 16		A 4 26150	1 H 19
	A 4 21430	1 H 6	816118	A 4 30625	1 I 4
	A 4 21450	1 H 8	862738	D 1 30300	2 J 6
742263	A 4 11090	1 G 4		D 1 30600	2 J 10
	A 4 11625	1 G 12	868197	E 2 46000	2 L 20
	A 4 11725	1 G 16	872229	E 2 70060	3 A 6
	A 4 21430	1 H 6		E 2 70070	3 A 12
	A 4 21450	1 H 8		E 2 70150	3 A 18
742399	F 2 94550	3 D 18		E 2 70200	3 A 22
742513	A 1 21440	1 B 24	877752	F 2 90530	3 D 6
743035	A 2 10300	1 C 13		F 2 90875	3 D 10
	A 2 10350	1 C 21	886267	E 2 20050	2 K 14
	A 2 10450	1 C 24	887737	A 5 20250	1 I 16
743039	A 3 30150	1 D 8	889269	F 2 93250	3 D 14
	A 3 30250	1 D 18	892250	A 3 30300	1 E 5
	A 3 30255	1 D 22	895603	A 9 20700	2 C 2
743200	F 2 95050	3 D 23	897381	E 2 46000	2 L 20
743208	F 2 95050	3 D 23	898224	E 2 20050	2 K 14
743439	A 3 30150	1 D 10	940081	A 5 20250	1 I 16

# NUMERICAL INDEX

# RANGER

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
940089	A 5 10500	1 I 14	1302522	A 10 14100	2 C 10
940090	A 5 30200	1 I 24	1304638	A 6 24200	1 L 4
	A 5 30425	1 J 2		A 6 24210	1 L 11
	A 5 50300	1 J 16	1305106	J 1 20000	3 F 5
	A 5 60000	1 J 20	1305202	J 1 20000	3 F 5
940654	A 5 20250	1 I 16	1305684	A 8 11600	2 A 22
942744	A 5 10280	1 I 12	1306142	A 8 10070	2 A 14
	A 5 10500	1 I 14		A 8 10080	2 A 18
	A 5 20275	1 I 18		A 8 11600	2 A 22
	A 5 20300	1 I 20		A 9 10120	2 B 4
	A 5 60250	1 J 22		A 9 11200	2 B 8
942751	A 5 10280	1 I 12	1306158	A 10 15070	2 C 14
	A 5 10500	1 I 14	1307544	F 2 94550	3 D 18
	A 5 20275	1 I 18	1308081	A 7 20400	1 L 20
	A 5 20300	1 I 20	1309991	A 8 10080	2 A 18
943957	D 1 10130	2 I 10		A 8 11600	2 A 22
	D 1 11700	2 I 14	1310493	A 10 14100	2 C 10
	D 1 11900	2 I 18	1310761	F 2 95050	3 D 23
	D 1 11980	2 I 22	1310785	F 2 93250	3 D 14
944408	J 1 50000	3 F 9	1310799	A 10 14100	2 C 10
944688	A 5 10280	1 I 12	1310810	A 8 10080	2 A 18
944862	A 5 30200	1 I 24	1310909	A 8 10070	2 A 14
	A 5 40350	1 J 4	1314713	A 3 30150	1 D 10
	A 5 40375	1 J 12		A 3 30250	1 D 20
	A 5 50300	1 J 16		A 3 30255	1 D 24
	A 5 60000	1 J 20	1314773	A 6 24200	1 L 4
945208	A 5 10280	1 I 12		A 6 24210	1 L 11
	A 5 20275	1 I 18	1314774	A 6 24200	1 L 4
945444	J 1 50000	3 F 9		A 6 24210	1 L 11
945445	J 1 50000	3 F 9	1315447	A 3 30150	1 D 9
945446	J 1 50000	3 F 9		A 3 30250	1 D 19
946008	J 1 50000	3 F 9		A 3 30255	1 D 23
946011	J 1 50000	3 F 9	1316343	A 8 10070	2 A 14
947289	J 1 10000	3 F 1	1317062	D 1 10130	2 I 10
947293	J 1 50000	3 F 9		D 1 11980	2 I 22
947382	A 5 60000	1 J 20	1317072	B 1 21100	2 F 4
949095	J 1 50000	3 F 9		B 1 21500	2 F 8
949096	J 1 50000	3 F 9		B 1 21600	2 F 16
949098	J 1 50000	3 F 9	1318083	E 2 70060	3 A 6
949985	J 1 20000	3 F 5		E 2 70070	3 A 13
952134	E 1 12080	2 J 20		E 2 70150	3 A 18
	E 1 13020	2 J 24		E 2 70200	3 A 22
	E 1 13030	2 K 4	1318084	E 2 70060	3 A 6
	E 1 14050	2 K 8		E 2 70070	3 A 12
952160	A 6 23050	1 K 20		E 2 70150	3 A 18
	A 6 23300	1 K 23		E 2 70200	3 A 22
954597	A 7 35000	2 A 10	1319807	A 10 16300	2 C 18
955743	A 4 11090	1 G 4	1320757	A 9 10120	2 B 4
	A 4 11600	1 G 8		A 9 11200	2 B 8
	A 4 11625	1 G 12	1321750	A 9 10120	2 B 4
	A 4 11725	1 G 16	1322622	A 9 10120	2 B 4
	A 4 21430	1 H 6	1323941	A 9 13300	2 B 12
	A 4 21450	1 H 8		A 9 13400	2 B 16
960373	E 2 20050	2 K 14	1324702	A 9 13300	2 B 12
960419	J 1 20000	3 F 5		A 9 13400	2 B 16
961028	J 1 50000	3 F 9	1325835	A 8 10080	2 A 18
961172	J 1 50000	3 F 9	1326267	A 10 14100	2 C 10
961262	J 1 20000	3 F 5	1501855	J 1 10000	3 F 1
961658	J 1 20000	3 F 5	1504356	A 6 11425	1 K 2
961906	A 4 90200	1 I 6	1511533	F 2 52000	3 C 12
961909	A 4 90200	1 I 6	1513887	F 2 60450	3 C 20
962259	A 1 26000	1 C 4	1519195	B 1 10600	2 D 22
962918	F 2 94550	3 D 18		B 1 10650	2 E 2
963023	J 1 50000	3 F 9		B 1 15360	2 E 8
966517	F 1 10220	3 B 4		B 1 15800	2 E 14
990087	E 2 20050	2 K 14	1519196	B 1 10600	2 D 22
992313	E 2 20050	2 K 14		B 1 15360	2 E 8
1300057	F 2 95050	3 D 23	1522535	A 9 20700	2 C 2
1300059	A 6 11425	1 K 2	1522575	A 8 10070	2 A 14
1300294	A 9 13300	2 B 12		A 8 11600	2 A 22
	A 9 13400	2 B 16		A 9 10120	2 B 4
1300702	A 1 26000	1 C 4		A 10 14100	2 C 10
1300863	F 2 32100	3 C 4		A 10 16300	2 C 18
1301242	A 8 10080	2 A 18	1523209	D 1 30300	2 J 6
1301610	A 7 29500	1 L 24	1529625	A 1 20780	1 B 16

# NUMERICAL INDEX

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1529625	A 1 20800	1 B 20	1902275	F 2 52050	3 C 16
	A 1 21440	1 B 24	1902863	A 6 11425	1 K 2
1533555	A 10 15070	2 C 14	1902877	B 2 10005	2 G 6
1539058	A 1 10410	1 A 6		B 5 10080	2 G 18
	A 1 10420	1 A 10		B 5 10090	2 G 22
1539181	D 1 30300	2 J 6	1903262	B 5 10080	2 G 18
1539476	A 10 15070	2 C 14	1903465	B 2 10005	2 G 6
1539478	A 10 15070	2 C 14	1903679	B 1 21100	2 F 4
1551893	F 2 97900	3 E 18		B 1 21500	2 F 8
1558644	D 1 10130	2 I 10		B 1 21550	2 F 12
	D 1 11700	2 I 14		B 1 21600	2 F 16
	D 1 11900	2 I 18		B 1 21650	2 F 20
	D 1 11980	2 I 22	1903680	B 1 21100	2 F 4
1566887	E 2 30410	2 K 20		B 1 21500	2 F 8
	E 2 32050	2 L 8		B 1 21550	2 F 12
	E 2 33000	2 L 10		B 1 21600	2 F 16
1566888	E 2 30410	2 K 20		B 1 21650	2 F 20
	E 2 32050	2 L 8	1903717	B 5 10080	2 G 18
	E 2 33000	2 L 10		B 5 10090	2 G 22
1573309	B 1 10600	2 D 22	1904058	A 1 10410	1 A 6
	B 1 10650	2 E 2	1904507	A 8 10080	2 A 18
	B 1 15360	2 E 8	1904600	J 1 10000	3 F 1
	B 1 15800	2 E 14	1904808	A 6 11425	1 K 2
	B 5 10080	2 G 18	1905176	B 5 10090	2 G 22
	B 5 10090	2 G 22		B 7 10070	2 H 20
	B 7 10070	2 H 20		B 7 10090	2 H 24
	B 7 10090	2 H 24	1905553	B 6 10050	2 H 12
	E 1 12080	2 J 20		B 6 10060	2 H 16
	E 1 13030	2 K 4	1905687	D 1 11700	2 I 14
	E 1 14050	2 K 8		D 1 11900	2 I 18
1574466	B 1 21650	2 F 20	1905864	A 6 11425	1 K 2
	B 3 10030	2 G 10	1905871	A 8 10070	2 A 14
	B 5 10090	2 G 22		A 8 10080	2 A 18
	B 6 10015	2 H 4		A 8 11600	2 A 22
	B 6 10017	2 H 8	1905879	A 6 11425	1 K 2
	B 7 10070	2 H 20		A 8 10070	2 A 14
	B 7 10090	2 H 24		A 8 10080	2 A 18
	E 1 10150	2 J 16		A 8 11600	2 A 22
	E 1 12080	2 J 20	1905939	F 2 90875	3 D 10
	E 1 13020	2 J 24	1905942	A 10 14100	2 C 10
1576156	D 1 11700	2 I 14		A 10 16300	2 C 18
	D 1 11900	2 I 18	1906804	F 2 52000	3 C 12
1581316	F 2 52000	3 C 12	1907507	B 1 21100	2 F 4
	F 2 52050	3 C 16	1908008	F 2 97900	3 E 18
1585744	A 8 11600	2 A 22	1908806	F 2 80050	3 D 2
1610636	A 7 20400	1 L 20	1909047	F 2 97630	3 E 12
	A 7 30300	2 A 6		F 2 98210	3 E 22
1621889	F 2 90530	3 D 6	1909709	A 9 13400	2 B 16
	F 2 93250	3 D 14	1911540	A 5 60000	1 J 20
	F 2 94550	3 D 18	1913847	B 1 21600	2 F 16
1673052	F 2 93250	3 D 14	1914223	A 8 10070	2 A 14
1701018	F 2 90875	3 D 10		A 8 10080	2 A 18
1758887	A 9 20700	2 C 2	1914520	F 2 32100	3 C 4
	A 9 22500	2 C 6	1915267	B 4 11300	2 G 14
1778134	D 1 30600	2 J 10	1915631	A 9 13300	2 B 12
1778135	D 1 30600	2 J 10		A 9 13400	2 B 16
1784654	D 1 30600	2 J 10	1916053	A 9 16500	2 B 22
1900168	B 3 10030	2 G 10	1916923	B 1 21100	2 F 4
1900194	B 2 10005	2 G 6		B 1 21500	2 F 8
	B 5 10080	2 G 18		B 1 21600	2 F 16
	B 5 10090	2 G 22	1917209	A 5 30200	1 I 24
1900649	F 2 97620	3 E 8	1917557	F 2 90530	3 D 6
	F 2 97900	3 E 18		F 2 90875	3 D 10
	F 2 98210	3 E 22	1920223	B 3 10030	2 G 10
	F 2 98220	3 E 24		E 1 10150	2 J 16
1901464	A 9 16500	2 B 22	1920461	B 3 10030	2 G 10
1901550	B 2 10005	2 G 6	1920497	A 7 30300	2 A 6
	B 5 10080	2 G 18	1921221	A 1 15310	1 B 4
	B 5 10090	2 G 22		A 1 15320	1 B 8
1901634	F 2 97900	3 E 18		A 1 16650	1 B 12
1901749	F 2 52000	3 C 12	1921912	A 7 30300	2 A 6
	F 2 52050	3 C 16	1921914	A 7 30300	2 A 6
1901761	B 1 15360	2 E 8	1922068	A 1 10410	1 A 6
1902171	A 1 20780	1 B 16	1922363	F 2 32100	3 C 4
1902275	F 2 52000	3 C 12	1922486	A 1 15320	1 B 8

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1922486	A 1 16650	1 B 12	1928418	F 2 97850	3 E 16
1922494	A 1 15310	1 B 4	1928727	B 6 10015	2 H 4
1922597	J 1 20000	3 F 5		B 6 10017	2 H 8
1922638	B 1 10600	2 D 22	1928728	A 9 10120	2 B 4
	B 1 10650	2 E 2		A 9 11200	2 B 8
	B 1 15360	2 E 8	1928874	B 5 10080	2 G 18
	B 1 15800	2 E 14	1929380	B 6 10015	2 H 4
1922640	B 1 10600	2 D 22		B 6 10017	2 H 8
	B 1 10650	2 E 2		E 1 10150	2 J 16
	B 1 15360	2 E 8		E 1 12080	2 J 20
	B 1 15800	2 E 14		E 1 13020	2 J 24
1922643	B 1 10600	2 D 22		E 1 13030	2 K 4
	B 1 10650	2 E 2		E 1 14050	2 K 8
	B 1 15360	2 E 8	1929398	F 2 97900	3 E 18
	B 1 15800	2 E 14	1929471	F 2 32100	3 C 4
1922644	B 1 10600	2 D 22	1929472	F 2 32100	3 C 4
	B 1 15360	2 E 8	1929475	F 2 32100	3 C 4
1922646	B 1 10600	2 D 22	1929476	F 2 32100	3 C 4
	B 1 15360	2 E 8	1929483	F 2 94550	3 D 18
1922714	B 1 21100	2 F 4	1929484	F 2 94550	3 D 18
1922834	F 2 94550	3 D 18	1929485	F 2 94550	3 D 18
1922839	F 2 60450	3 C 20	1929486	F 2 10210	3 B 16
1922855	F 2 60450	3 C 20		F 2 94550	3 D 18
1922862	F 2 60450	3 C 20	1929515	F 2 32100	3 C 4
1922864	F 2 60450	3 C 20	1929516	F 2 32100	3 C 4
1922884	F 2 60450	3 C 20	1929544	A 9 13300	2 B 12
1922885	F 2 60450	3 C 20		A 9 13400	2 B 16
1922886	F 2 60450	3 C 20	1929619	A 1 10410	1 A 6
1922969	F 1 21000	3 B 12		A 1 10420	1 A 10
1922971	F 1 21000	3 B 12		A 1 11900	1 A 14
1922993	F 1 21000	3 B 12		B 4 11300	2 G 14
1923067	A 8 10080	2 A 18		F 2 10210	3 B 16
	A 8 11600	2 A 22	1929711	F 1 21000	3 B 12
1923282	B 1 10600	2 D 22	1929729	E 2 45100	2 L 16
	B 1 10650	2 E 2	1929758	A 8 10080	2 A 18
1923545	F 1 21000	3 B 12	1929846	F 2 60450	3 C 20
	F 2 52050	3 C 16	1929847	F 2 60450	3 C 20
1923908	A 7 30300	2 A 6	1929848	F 2 60450	3 C 20
1923916	B 1 10600	2 D 22	1929849	F 2 60450	3 C 20
	B 1 10650	2 E 2	1930168	A 7 29500	1 L 24
	B 1 15360	2 E 8	1930212	F 2 94550	3 D 18
	B 1 15800	2 E 14	1930284	F 2 10210	3 B 16
1923922	B 1 10600	2 D 22	1930285	F 2 10210	3 B 16
	B 1 10650	2 E 2	1930286	F 2 10210	3 B 16
	B 1 15360	2 E 8	1930309	F 2 93250	3 D 14
	B 1 15800	2 E 14	1930317	B 1 21100	2 F 4
1923966	F 2 52000	3 C 12	1930348	F 1 21000	3 B 12
1923978	A 7 20400	1 L 20	1930615	A 8 10070	2 A 14
1924619	A 7 30300	2 A 6		A 8 10080	2 A 18
1925199	A 1 20780	1 B 16		A 8 11600	2 A 22
1925328	F 2 90875	3 D 10	1930703	F 2 97620	3 E 8
1926075	B 1 10600	2 D 22	1930714	F 2 97850	3 E 16
1926961	A 1 10410	1 A 6	1930716	F 2 97850	3 E 16
1927224	A 1 10410	1 A 6	1930742	E 2 70060	3 A 6
1927230	D 1 10130	2 I 10		E 2 70070	3 A 12
	D 1 11700	2 I 14	1930909	E 2 70060	3 A 7
	D 1 11900	2 I 18		E 2 70070	3 A 13
1927271	E 2 70060	3 A 6		E 2 70150	3 A 18
1927298	B 6 10015	2 H 4		E 2 70200	3 A 22
	B 6 10017	2 H 8	1931042	F 2 93250	3 D 14
1927428	A 9 10120	2 B 4	1931062	F 2 90530	3 D 6
1927466	A 10 16300	2 C 18		F 2 93250	3 D 14
1927688	B 5 10090	2 G 22	1931063	F 2 94550	3 D 18
1927821	A 7 35000	2 A 10	1931065	F 2 93250	3 D 14
1927949	F 2 94550	3 D 18	1931066	F 2 93250	3 D 14
1927959	F 2 94550	3 D 18	1931087	F 2 90530	3 D 6
1928120	E 2 70060	3 A 6	1931088	F 2 90530	3 D 6
	E 2 70070	3 A 12	1931090	F 2 90530	3 D 6
1928215	F 2 94550	3 D 18	1931091	F 2 90530	3 D 6
1928246	A 6 11425	1 K 2	1931100	F 2 90530	3 D 6
1928247	A 6 11425	1 K 2	1931103	F 2 90530	3 D 6
1928248	A 6 11425	1 K 2	1931161	F 2 93250	3 D 14
1928265	F 2 90530	3 D 6	1931168	F 2 93250	3 D 14
	F 2 90875	3 D 10	1931189	B 4 11300	2 G 14
1928418	F 2 97630	3 E 12	1931218	J 1 20000	3 F 5

# NUMERICAL INDEX

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1931313	B 5 10080	2 G 18	1932682	A 9 20700	2 C 2
	B 7 10070	2 H 20	1932694	B 1 10600	2 D 22
1931357	F 2 60450	3 C 20	1932775	F 2 60450	3 C 20
1931358	F 2 60450	3 C 20	1932801	B 4 11300	2 G 14
1931359	F 2 60450	3 C 20	1932802	B 4 11300	2 G 14
1931360	F 2 60450	3 C 20	1932819	F 2 52000	3 C 12
1931361	F 2 60450	3 C 20	1932822	F 2 52000	3 C 12
1931362	F 2 60450	3 C 20	1932825	F 2 52000	3 C 12
1931378	A 7 30300	2 A 6	1932834	B 6 10015	2 H 4
1931434	F 2 10210	3 B 16		B 6 10017	2 H 8
1931467	F 2 10210	3 B 16	1932884	A 8 10080	2 A 18
1931473	F 2 10210	3 B 16	1932885	A 8 10080	2 A 18
	F 2 10250	3 B 20	1932896	F 2 10210	3 B 16
1931474	F 2 10250	3 B 20		F 2 10250	3 B 20
1931491	F 2 10210	3 B 16		F 2 11150	3 B 24
1931492	F 2 10210	3 B 16	1932931	B 6 10015	2 H 4
1931494	F 2 10210	3 B 16		B 6 10017	2 H 8
	F 2 10250	3 B 20		B 6 10050	2 H 12
	F 2 11150	3 B 24		B 6 10060	2 H 16
1931500	B 6 10050	2 H 12	1932932	B 6 10015	2 H 4
	B 6 10060	2 H 16		B 6 10017	2 H 8
1931501	B 6 10050	2 H 12		B 6 10050	2 H 12
	B 6 10060	2 H 16		B 6 10060	2 H 16
1931558	F 2 32100	3 C 4	1933082	B 3 10030	2 G 10
1931568	B 4 11300	2 G 14	1933108	F 2 52000	3 C 12
	F 1 10220	3 B 4	1933142	F 2 90530	3 D 6
	F 1 11300	3 B 8	1933169	F 2 10210	3 B 16
1931576	F 2 10210	3 B 16	1933179	F 2 52000	3 C 12
1931577	F 2 10210	3 B 16		F 2 52050	3 C 16
1931578	F 2 94550	3 D 18	1933220	F 2 10210	3 B 16
1931581	F 2 94550	3 D 18	1933284	F 1 21000	3 B 12
1931593	F 2 10210	3 B 16	1933309	A 10 17100	2 C 22
1931691	B 1 21100	2 F 4	1933375	F 2 60450	3 C 20
	B 1 21500	2 F 8	1933376	F 2 60450	3 C 20
	B 1 21600	2 F 16	1933430	A 9 13300	2 B 12
1931698	E 2 70060	3 A 7		A 9 13400	2 B 16
	E 2 70070	3 A 13	1933439	F 2 60450	3 C 20
	E 2 70150	3 A 18	1933450	F 2 60450	3 C 20
	E 2 70200	3 A 22	1933477	A 9 10120	2 B 4
1931719	B 6 10015	2 H 4	1933518	F 2 60450	3 C 20
	B 6 10017	2 H 8	1933522	C 1 10100	2 I 6
1931720	B 1 18800	2 E 24	1933541	C 1 10100	2 I 6
1931736	B 6 10015	2 H 4	1933584	F 2 10210	3 B 16
	B 6 10017	2 H 8	1933711	D 1 30300	2 J 6
1931752	A 8 11600	2 A 22	1933713	A 7 29500	1 L 24
1931772	A 9 20700	2 C 2	1933717	F 2 52000	3 C 12
1931789	A 10 30170	2 D 8	1933722	F 2 60450	3 C 20
1931813	F 2 32100	3 C 4	1933742	F 2 94550	3 D 18
1931830	F 2 32100	3 C 4	1933743	F 2 94550	3 D 18
1931831	F 2 32100	3 C 4	1933797	D 1 30300	2 J 6
1931862	F 2 94550	3 D 18	1933913	F 1 21000	3 B 12
1931882	A 7 20400	1 L 20	1933915	F 1 21000	3 B 12
1932061	B 4 11300	2 G 14	1933941	A 4 90200	1 I 6
1932083	B 6 10050	2 H 12	1933988	F 1 21000	3 B 12
	B 6 10060	2 H 16	1934004	B 4 11300	2 G 14
	E 1 13070	2 K 6	1934011	B 6 10015	2 H 4
1932085	B 6 10050	2 H 12		B 6 10050	2 H 12
	B 6 10060	2 H 16	1934026	B 4 11300	2 G 14
1932089	B 6 10050	2 H 12	1934050	F 1 21000	3 B 12
	B 6 10060	2 H 16	1934067	A 7 20400	1 L 20
1932174	F 2 93250	3 D 14	1934084	A 9 13300	2 B 12
1932293	A 9 20700	2 C 2	1934086	A 9 13300	2 B 12
1932315	A 9 10120	2 B 4	1934124	A 9 13300	2 B 12
1932360	A 8 10080	2 A 18		A 9 13400	2 B 16
1932369	B 5 10090	2 G 22	1934125	A 9 13300	2 B 12
	B 7 10070	2 H 20		A 9 13400	2 B 16
	B 7 10090	2 H 24	1934126	A 9 13300	2 B 12
1932401	B 4 11300	2 G 14		A 9 13400	2 B 16
1932407	B 6 10050	2 H 12	1934127	A 9 13300	2 B 12
	B 6 10060	2 H 16		A 9 13400	2 B 16
	E 1 13070	2 K 6	1934258	A 1 15320	1 B 8
1932408	B 6 10050	2 H 12		A 1 16650	1 B 12
	B 6 10060	2 H 16	1934320	A 7 20400	1 L 20
1932437	B 1 10600	2 D 22	1934322	B 1 21500	2 F 8
1932455	E 2 45000	2 L 12		B 1 21550	2 F 12

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1934322	B 1 21600	2 F 16	1935192	B 4 11300	2 G 14
	B 1 21650	2 F 20	1935199	B 4 11300	2 G 14
1934339	C 1 10090	2 I 4	1935201	B 4 11300	2 G 14
1934360	A 4 90200	1 I 6	1935202	B 4 11300	2 G 14
1934406	F 2 90530	3 D 6	1935203	A 1 20780	1 B 16
	F 2 93250	3 D 14	1935206	D 1 10130	2 I 10
	F 2 94550	3 D 18		D 1 11700	2 I 14
1934407	F 2 90530	3 D 6		D 1 11980	2 I 22
	F 2 93250	3 D 14	1935212	B 4 11300	2 G 14
	F 2 94550	3 D 18	1935214	C 1 10090	2 I 4
1934409	F 2 90530	3 D 6		C 1 10100	2 I 6
	F 2 93250	3 D 14	1935218	A 1 20780	1 B 16
	F 2 94550	3 D 18		A 1 20800	1 B 20
1934410	F 2 93250	3 D 14	1935219	A 1 21440	1 B 24
1934414	F 2 94550	3 D 18	1935225	A 1 26000	1 C 4
1934415	F 2 94550	3 D 18	1935228	A 1 10410	1 A 6
1934436	A 1 20780	1 B 16	1935232	F 1 21000	3 B 12
1934536	B 3 10030	2 G 10	1935235	F 2 10250	3 B 20
1934541	A 1 15310	1 B 4	1935238	F 2 52000	3 C 12
1934626	A 9 13300	2 B 12	1935239	A 10 14100	2 C 10
	A 9 13400	2 B 16		A 10 16300	2 C 18
1934633	A 9 16500	2 B 22	1935240	A 10 16300	2 C 18
1934665	F 2 97620	3 E 8		A 10 16400	2 C 20
	F 2 97850	3 E 16	1935241	A 10 16300	2 C 18
	F 2 97900	3 E 18		A 10 16400	2 C 20
	F 2 98200	3 E 20	1935242	A 10 16300	2 C 18
	F 2 98220	3 E 24		A 10 16400	2 C 20
1934673	B 6 10050	2 H 12	1935249	A 6 11425	1 K 2
	B 6 10060	2 H 16		A 10 20200	2 D 4
1934686	A 1 10410	1 A 6		A 10 30170	2 D 8
1934697	A 8 10080	2 A 18	1935250	A 3 36600	1 F 18
1934863	A 5 40350	1 J 4		A 3 36700	1 F 22
1934875	E 2 70060	3 A 7		A 6 11425	1 K 2
	E 2 70070	3 A 12		A 10 20200	2 D 4
	E 2 70150	3 A 18		A 10 30170	2 D 8
	E 2 70200	3 A 22		A 10 30175	2 D 12
1934982	A 3 36600	1 F 18		A 10 30195	2 D 16
1934991	A 1 12300	1 A 18	1935252	A 7 20400	1 L 20
1935046	B 6 10015	2 H 4	1935254	A 7 30300	2 A 6
	B 6 10050	2 H 12	1935263	A 9 16500	2 B 22
1935048	C 1 10090	2 I 4	1935268	A 7 30300	2 A 6
	C 1 10100	2 I 6	1935270	A 7 30300	2 A 6
1935050	E 2 45000	2 L 12	1935288	A 6 11425	1 K 2
1935071	B 5 10090	2 G 22	1935291	D 1 10130	2 I 10
1935083	A 3 36600	1 F 18		D 1 11700	2 I 14
1935088	A 1 20780	1 B 16	1935313	A 6 11425	1 K 2
1935090	A 1 20780	1 B 16	1935317	A 9 16500	2 B 22
1935097	A 3 35110	1 F 12	1935327	A 3 36600	1 F 18
	A 3 35400	1 F 14		A 3 36700	1 F 22
1935098	A 3 35110	1 F 12	1935328	A 3 36600	1 F 18
	A 3 35400	1 F 14	1935329	A 3 36600	1 F 18
1935099	A 3 35110	1 F 12	1935341	A 3 35110	1 F 12
	A 3 35400	1 F 14	1935347	C 1 10090	2 I 4
1935113	D 1 30300	2 J 6	1935348	C 1 10090	2 I 4
1935123	F 2 10250	3 B 20	1935349	A 3 36600	1 F 18
	F 2 11150	3 B 24	1935353	A 9 10120	2 B 4
1935133	A 7 29500	1 L 24		B 1 18600	2 E 20
1935143	F 1 10220	3 B 4	1935355	B 1 18600	2 E 20
1935144	F 1 10220	3 B 4	1935381	E 2 70060	3 A 6
	F 1 11300	3 B 8		E 2 70070	3 A 13
1935147	F 1 10220	3 B 4		E 2 70150	3 A 18
	F 1 11300	3 B 8		E 2 70200	3 A 22
1935160	F 1 10220	3 B 4	1935387	C 1 10090	2 I 4
	F 1 11300	3 B 8	1935389	C 1 10090	2 I 4
1935164	A 10 20200	2 D 4		C 1 10100	2 I 6
	A 10 30170	2 D 8	1935390	C 1 10090	2 I 4
1935165	A 10 20200	2 D 4		C 1 10100	2 I 6
	A 10 30170	2 D 8	1935401	F 2 52000	3 C 12
1935167	A 10 20200	2 D 4	1935402	A 1 15310	1 B 4
1935169	A 10 20200	2 D 4	1935403	A 1 15310	1 B 4
	A 10 30170	2 D 8	1935419	F 2 97630	3 E 12
1935171	A 10 20200	2 D 4	1935436	B 6 10015	2 H 4
	A 10 30170	2 D 8		B 6 10017	2 H 8
1935173	A 10 20200	2 D 4		B 6 10050	2 H 12
1935185	B 4 11300	2 G 14		B 6 10060	2 H 16

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1935443	F 2 60450	3 C 20	1936102	A 9 13300	2 B 12
1935448	B 6 10015	2 H 4	1936103	A 9 13300	2 B 12
	B 6 10050	2 H 12	1936154	A 10 14100	2 C 10
1935450	B 6 10015	2 H 4	1936155	A 10 14100	2 C 10
	B 6 10050	2 H 12	1936156	A 10 14100	2 C 10
1935451	B 6 10015	2 H 4	1936159	A 10 14100	2 C 10
	B 6 10050	2 H 12	1936160	A 10 14100	2 C 10
1935452	B 6 10015	2 H 4	1936163	F 2 60450	3 C 20
	B 6 10050	2 H 12	1936180	A 1 10410	1 A 6
1935453	B 2 10005	2 G 6	1936209	E 2 70060	3 A 6
	B 5 10080	2 G 18	1936255	A 8 10080	2 A 18
1935454	E 2 70060	3 A 6	1936256	A 1 20780	1 B 16
	E 2 70070	3 A 12		A 1 20800	1 B 20
	E 2 70150	3 A 18		A 1 21440	1 B 24
	E 2 70200	3 A 22	1936268	F 2 10210	3 B 16
1935466	B 6 10015	2 H 4		F 2 11150	3 B 24
1935468	B 6 10050	2 H 12	1936269	F 2 11150	3 B 24
1935470	E 2 70060	3 A 7	1936274	B 7 10070	2 H 20
	E 2 70070	3 A 13	1936342	B 1 18600	2 E 20
	E 2 70150	3 A 18	1936343	B 1 18800	2 E 24
	E 2 70200	3 A 22	1936379	A 9 10120	2 B 4
1935479	B 1 21100	2 F 4		A 10 14100	2 C 10
	B 1 21500	2 F 8		A 10 16300	2 C 18
	B 1 21600	2 F 16	1936383	F 2 90530	3 D 6
1935531	F 2 60450	3 C 20	1936384	F 2 90530	3 D 6
1935606	B 1 18600	2 E 20	1936413	A 10 14100	2 C 10
	B 1 18800	2 E 24	1936449	A 5 20275	1 I 18
1935608	A 10 16300	2 C 18	1936493	C 1 10090	2 I 4
	A 10 16400	2 C 20		C 1 10100	2 I 6
1935609	A 10 16300	2 C 18	1936496	A 5 40375	1 J 12
	A 10 16400	2 C 20	1936512	F 2 94550	3 D 18
1935610	A 10 16300	2 C 18	1936525	F 2 90875	3 D 10
1935617	B 7 10070	2 H 20	1936526	F 2 90875	3 D 10
1935637	A 6 11425	1 K 2	1936529	A 1 15320	1 B 8
	A 8 10080	2 A 18		A 1 16650	1 B 12
1935639	A 6 11425	1 K 2	1936577	A 1 20800	1 B 20
1935640	A 6 11425	1 K 2	1936634	A 6 11425	1 K 2
1935691	C 1 10090	2 I 4	1936635	A 9 13300	2 B 12
1935707	A 1 10410	1 A 6		A 9 13400	2 B 16
1935748	A 1 20780	1 B 16	1936688	A 10 17100	2 C 22
1935761	A 9 10120	2 B 4	1936752	F 2 90530	3 D 6
1935763	B 5 10090	2 G 22	1936760	F 2 90875	3 D 10
1935782	A 10 30170	2 D 8	1936761	F 2 90875	3 D 10
1935783	A 10 30170	2 D 8	1936773	F 2 90530	3 D 6
1935796	E 2 70060	3 A 7	1936781	A 9 10120	2 B 4
1935804	E 2 70060	3 A 6	1936782	A 10 14100	2 C 10
1935808	B 7 10070	2 H 20		A 10 16300	2 C 18
1935828	A 1 20780	1 B 16	1936819	F 2 10210	3 B 16
1935847	A 9 16500	2 B 22		F 2 10250	3 B 20
1935849	A 9 16500	2 B 22		F 2 11150	3 B 24
1935860	F 1 21000	3 B 12	1936822	B 1 21650	2 F 20
1935866	D 1 10130	2 I 10	1936832	A 1 15320	1 B 8
	D 1 11900	2 I 18	1936833	A 1 15320	1 B 8
1935873	A 10 17100	2 C 22	1936842	F 2 90875	3 D 10
1935874	A 10 17100	2 C 22	1936910	A 9 13400	2 B 16
1935875	A 10 17100	2 C 22	1936911	A 9 13400	2 B 16
1935876	A 10 17100	2 C 22	1936912	A 9 13400	2 B 16
1935886	B 4 11300	2 G 14	1936949	A 8 10080	2 A 18
1935947	A 10 14100	2 C 10	1936957	A 1 20800	1 B 20
1935953	A 10 14100	2 C 10	1936959	A 1 20800	1 B 20
1935954	A 10 14100	2 C 10		A 1 21440	1 B 24
1935971	B 1 21600	2 F 16	1937008	F 2 90875	3 D 10
	B 1 21650	2 F 20	1937039	A 1 12625	1 A 22
1935972	B 1 21600	2 F 16	1937042	A 1 10420	1 A 10
	B 1 21650	2 F 20	1937043	A 1 10420	1 A 10
1935976	A 1 20800	1 B 20	1937092	C 1 10100	2 I 6
1936008	B 4 11300	2 G 14	1937103	F 2 10250	3 B 20
1936012	F 2 52050	3 C 16		F 2 11150	3 B 24
1936021	F 2 52000	3 C 12	1937109	A 10 30175	2 D 12
1936022	F 2 52000	3 C 12		A 10 30195	2 D 16
1936048	A 10 30170	2 D 8	1937115	A 10 30175	2 D 12
1936078	F 2 60450	3 C 20	1937129	B 2 10005	2 G 6
1936079	F 2 60450	3 C 20	1937131	B 2 10005	2 G 6
1936086	A 9 13300	2 B 12	1937132	B 2 10005	2 G 6
1936090	A 9 13300	2 B 12	1937149	A 10 30195	2 D 16

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1937203	B 1 10650	2 E 2	1937742	E 2 70200	3 A 22
	B 1 21100	2 F 4	1937747	A 5 20300	1 I 20
	B 1 21500	2 F 8	1937751	D 1 30300	2 J 6
	B 1 21550	2 F 12	1937767	A 10 17100	2 C 22
	B 1 21650	2 F 20	1937782	A 9 20700	2 C 2
1937207	D 1 30600	2 J 10		A 9 22500	2 C 6
1937212	B 5 10080	2 G 18	1937808	B 6 10017	2 H 8
1937234	B 5 10080	2 G 18		B 6 10060	2 H 16
1937263	B 5 10080	2 G 18	1937812	A 7 30300	2 A 6
1937305	F 2 52050	3 C 16	1937910	B 4 11300	2 G 14
1937306	F 2 52050	3 C 16	1937917	B 1 10650	2 E 2
1937340	D 1 10130	2 I 10	1937931	B 6 10017	2 H 8
	D 1 11980	2 I 22		B 6 10060	2 H 16
1937378	A 1 15320	1 B 8	1937933	E 2 70150	3 A 18
1937389	A 10 17100	2 C 22		E 2 70200	3 A 22
1937390	E 2 45000	2 L 12	1937934	E 2 70150	3 A 18
1937391	E 2 45000	2 L 12		E 2 70200	3 A 22
1937392	E 2 45000	2 L 12	1937935	B 6 10017	2 H 8
1937393	E 2 45000	2 L 12		B 6 10060	2 H 16
1937398	E 2 45000	2 L 12	1937936	E 2 70150	3 A 18
1937399	E 2 45000	2 L 12		E 2 70200	3 A 22
1937400	E 2 45000	2 L 12	1937938	E 2 70150	3 A 18
1937401	E 2 45000	2 L 12		E 2 70200	3 A 22
1937402	E 2 45000	2 L 12	1937940	B 6 10017	2 H 8
1937404	E 2 45000	2 L 12		B 6 10060	2 H 16
1937411	E 2 45000	2 L 12	1937941	B 6 10017	2 H 8
1937415	A 1 10420	1 A 10		B 6 10060	2 H 16
1937418	A 1 10420	1 A 10	1937942	B 6 10017	2 H 8
1937421	E 2 30260	2 K 18		B 6 10060	2 H 16
1937422	E 2 30630	2 K 24	1937946	B 6 10060	2 H 8
1937423	E 2 30980	2 L 6	1937947	A 7 30300	2 A 6
1937436	A 1 20800	1 B 20		B 6 10017	2 H 8
1937437	A 1 20800	1 B 20		B 6 10060	2 H 16
1937438	A 1 20800	1 B 20	1937953	B 1 15360	2 E 8
1937440	A 1 20800	1 B 20	1937954	B 1 15360	2 E 8
	A 1 21440	1 B 24	1937957	B 1 15360	2 E 8
1937441	A 1 20800	1 B 20	1937978	D 1 11980	2 I 22
	A 1 21440	1 B 24	1938020	A 4 90200	1 I 6
1937443	A 1 20800	1 B 20	1938080	B 5 10080	2 G 18
1937451	F 2 11150	3 B 24	1938088	A 3 35400	1 F 14
1937455	F 2 52050	3 C 16	1938112	B 6 10017	2 H 8
1937456	F 2 52050	3 C 16	1938151	B 6 10017	2 H 8
1937458	A 7 29500	1 L 24		B 6 10060	2 H 16
1937460	E 2 70070	3 A 12	1938166	A 4 90200	1 I 6
1937461	F 2 52050	3 C 16	1938170	B 7 10090	2 H 24
1937462	F 2 52050	3 C 16	1938171	B 7 10090	2 H 24
1937467	F 2 52050	3 C 16	1938184	A 1 16650	1 B 12
1937470	F 2 52050	3 C 16	1938187	A 1 16650	1 B 12
1937471	F 2 52050	3 C 16	1938188	A 1 16650	1 B 12
1937472	F 2 52050	3 C 16	1938197	B 6 10060	2 H 16
1937473	F 2 52050	3 C 16	1938201	A 1 11900	1 A 14
1937484	B 6 10015	2 H 4	1938204	A 1 11900	1 A 14
	B 6 10050	2 H 12	1938205	A 1 11900	1 A 14
1937488	B 1 10600	2 D 22	1938211	A 1 21440	1 B 24
1937489	B 1 10600	2 D 22	1938212	A 1 21440	1 B 24
1937495	B 6 10050	2 H 12	1938214	A 1 21440	1 B 24
1937497	A 10 14100	2 C 10	1938217	B 6 10015	2 H 4
	A 10 16300	2 C 18	1938238	A 6 11425	1 K 2
1937546	F 2 98210	3 E 22	1938280	A 10 30175	2 D 12
1937553	F 2 98220	3 E 24		A 10 30195	2 D 16
1937570	F 2 10210	3 B 16	1938281	A 10 30175	2 D 12
1937647	B 7 10070	2 H 20		A 10 30195	2 D 16
1937659	A 1 10410	1 A 6	1938282	A 10 30175	2 D 12
	A 1 10420	1 A 10		A 10 30195	2 D 16
1937661	A 1 10410	1 A 6	1938283	A 10 30175	2 D 12
	A 1 10420	1 A 10	1938285	A 10 15070	2 C 14
1937664	A 1 15320	1 B 8	1938286	A 10 15070	2 C 14
1937684	A 8 10070	2 A 14	1938287	A 10 15070	2 C 14
	A 8 11600	2 A 22	1938288	A 10 15070	2 C 14
1937693	A 5 10500	1 I 14	1938290	A 10 15070	2 C 14
1937721	A 3 36700	1 F 22	1938293	A 1 11900	1 A 14
1937722	A 3 36700	1 F 22	1938306	A 9 11200	2 B 8
1937730	A 3 36700	1 F 22	1938307	A 9 11200	2 B 8
1937731	A 3 36700	1 F 22	1938308	A 9 11200	2 B 8
1937742	E 2 70150	3 A 18	1938309	A 9 11200	2 B 8
			1938310	A 9 11200	2 B 8

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1938311	A 9 11200	2 B 8	1938879	B 1 10600	2 D 22
1938312	A 9 11200	2 B 8	1938926	F 2 40350	3 C 8
1938313	A 9 11200	2 B 8	1938928	E 2 30410	2 K 20
1938314	A 1 21440	1 B 24	1938929	E 2 32050	2 L 8
1938315	A 9 22500	2 C 6	1938930	E 2 33000	2 L 10
1938318	A 9 22500	2 C 6	1938931	E 2 70060	3 A 6
1938324	D 1 11980	2 I 22		E 2 70070	3 A 13
1938349	D 1 30600	2 J 10		E 2 70150	3 A 18
1938350	D 1 30600	2 J 10		E 2 70200	3 A 22
1938351	B 1 10650	2 E 2	1938992	F 2 98200	3 E 20
	B 1 15800	2 E 14	1939047	A 8 10070	2 A 14
1938375	F 2 52050	3 C 16		A 8 11600	2 A 22
1938397	B 1 21550	2 F 12	1939048	A 8 10070	2 A 14
	B 1 21650	2 F 20		A 8 11600	2 A 22
1938414	F 1 21000	3 B 12	1939049	A 8 10070	2 A 14
1938433	A 1 16650	1 B 12		A 8 10080	2 A 18
1938438	D 1 30600	2 J 10		A 8 11600	2 A 22
1938463	B 1 10600	2 D 22	1939050	A 8 10070	2 A 14
1938477	A 3 35110	1 F 12		A 8 11600	2 A 22
	A 3 35400	1 F 14	1939051	A 8 10070	2 A 14
1938478	A 3 35110	1 F 12		A 8 11600	2 A 22
	A 3 35400	1 F 14	1939128	A 10 30175	2 D 12
1938482	D 1 30300	2 J 6		A 10 30195	2 D 16
	D 1 30600	2 J 10	1939129	A 9 22500	2 C 6
1938483	D 1 30300	2 J 6		A 10 30175	2 D 12
1938484	A 1 15320	1 B 8		A 10 30195	2 D 16
1938488	F 2 93250	3 D 14	1939158	B 4 11300	2 G 14
1938496	A 9 10120	2 B 4	1939159	B 4 11300	2 G 14
1938509	A 9 22500	2 C 6	1939206	A 10 15070	2 C 14
1938520	A 5 30425	1 J 2	1939209	B 1 21550	2 F 12
1938521	A 5 60250	1 J 22	1939440	A 1 16650	1 B 12
1938522	A 5 40360	1 J 8	1939459	D 1 30600	2 J 10
1938525	A 8 11600	2 A 22	1939460	D 1 30600	2 J 10
1938553	B 1 18800	2 E 24	1939464	D 1 30300	2 J 6
1938556	B 1 18800	2 E 24	1939468	D 1 30600	2 J 10
1938557	B 1 18800	2 E 24	1990125	A 5 60000	1 J 20
1938560	A 10 15070	2 C 14	1990126	A 5 60000	1 J 20
1938563	A 10 15070	2 C 14	1990183	E 2 30260	2 K 18
1938590	F 2 60450	3 C 20		E 2 30630	2 K 24
1938591	F 2 60450	3 C 20		E 2 30980	2 L 6
1938592	F 2 60450	3 C 20	1990184	E 2 30260	2 K 18
1938593	F 2 60450	3 C 20		E 2 30630	2 K 24
1938607	F 2 60450	3 C 20		E 2 30980	2 L 6
1938611	A 10 30170	2 D 8	1990185	E 2 30630	2 K 24
1938612	B 1 10650	2 E 2		E 2 30980	2 L 6
	B 1 15800	2 E 14	1990266	E 2 30260	2 K 18
1938643	B 1 10650	2 E 2	1990308	A 5 60000	1 J 20
1938659	A 1 21440	1 B 24	1990436	J 1 20000	3 F 5
1938669	A 10 16400	2 C 20	1990460	E 2 30260	2 K 18
1938686	C 1 10100	2 I 6	1990476	J 1 10000	3 F 1
1938697	A 9 11200	2 B 8	1990515	J 1 10000	3 F 1
1938703	B 4 11300	2 G 14	1990974	E 2 20050	2 K 14
1938738	A 1 21440	1 B 24	1990975	E 2 20050	2 K 14
1938743	A 10 16300	2 C 18	1990976	E 2 20050	2 K 14
1938753	A 1 11900	1 A 14	1990978	E 2 20050	2 K 14
1938756	A 1 21440	1 B 24	1990979	E 2 20050	2 K 14
1938757	A 1 12700	1 A 24	1990980	E 2 20050	2 K 14
1938770	A 1 21440	1 B 24	1990981	E 2 20050	2 K 14
1938777	A 1 21440	1 B 24	1990982	E 2 20050	2 K 14
1938781	B 1 15800	2 E 14	1990983	E 2 20050	2 K 14
1938794	C 1 10100	2 I 6	1991043	E 2 30630	2 K 24
1938810	A 3 36700	1 F 22	1991211	A 7 35000	2 A 10
1938812	B 1 21550	2 F 12	1991277	A 5 30200	1 I 24
	B 1 21650	2 F 20	1991278	A 5 30200	1 I 24
1938820	A 10 15070	2 C 14		A 5 30425	1 J 2
1938847	A 10 15070	2 C 14	1991313	A 5 30425	1 J 2
1938848	A 10 15070	2 C 14	1991323	A 7 35000	2 A 10
1938849	A 10 15070	2 C 14	1991325	A 7 35000	2 A 10
1938850	A 10 15070	2 C 14	1991327	A 7 35000	2 A 10
1938851	A 10 15070	2 C 14	1991856	A 1 26000	1 C 4
1938852	A 10 15070	2 C 14	1991882	A 1 28025	1 C 8
1938860	B 7 10090	2 H 24	1991954	A 5 20250	1 I 16
1938864	B 7 10090	2 H 24	1991995	J 1 20000	3 F 5
1938868	A 9 22500	2 C 6	1992007	A 7 35000	2 A 10
1938869	A 10 16400	2 C 20	1992008	A 7 35000	2 A 10

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1992009	A 7 35000	2 A 10	1992108	E 2 70070	3 A 12
1992011	A 7 35000	2 A 10	1992128	A 1 12300	1 A 18
1992013	A 7 35000	2 A 10	1992140	J 1 10000	3 F 1
1992014	A 7 35000	2 A 10	1992145	A 5 10280	1 I 12
1992017	J 1 10000	3 F 1	1992146	A 5 10280	1 I 12
1992018	J 1 10000	3 F 1	1992147	A 7 30300	2 A 6
1992026	A 1 12300	1 A 18	1992156	A 8 10070	2 A 14
1992027	A 1 12300	1 A 18		A 8 10080	2 A 18
1992038	A 5 10280	1 I 12		A 8 11600	2 A 22
	A 5 20275	1 I 18	1992167	E 2 45000	2 L 12
1992039	A 1 20780	1 B 16		E 2 45100	2 L 16
1992068	A 1 12300	1 A 18	1992190	E 2 30260	2 K 18
1992077	E 2 70060	3 A 6		E 2 30630	2 K 24
	E 2 70070	3 A 12		E 2 30980	2 L 6
1992078	E 2 70060	3 A 6	1992194	A 9 10120	2 B 4
	E 2 70070	3 A 12	1992197	E 2 45100	2 L 16
1992079	E 2 70060	3 A 6	1992198	E 2 45100	2 L 16
	E 2 70070	3 A 12	1992200	E 2 45100	2 L 16
1992080	E 2 70060	3 A 6	1992208	A 7 20400	1 L 20
	E 2 70070	3 A 12	1992214	J 1 50000	3 F 9
1992082	E 2 70060	3 A 6	1992215	J 1 50000	3 F 9
	E 2 70070	3 A 12	1992216	J 1 50000	3 F 9
1992083	E 2 70060	3 A 6	1992217	J 1 50000	3 F 9
	E 2 70070	3 A 12	1992235	J 1 50000	3 F 9
1992084	E 2 70060	3 A 6	1992243	A 8 10070	2 A 14
	E 2 70070	3 A 12		A 8 10080	2 A 18
	E 2 70150	3 A 18		A 8 11600	2 A 22
	E 2 70200	3 A 22	1992247	J 1 50000	3 F 9
1992085	E 2 70060	3 A 6	1992248	J 1 50000	3 F 9
	E 2 70070	3 A 12	1992250	A 5 20250	1 I 16
1992086	E 2 70060	3 A 6	1992253	A 5 60000	1 J 20
	E 2 70070	3 A 12	1992282	E 2 30630	2 K 24
1992087	E 2 70060	3 A 6		E 2 30980	2 L 6
	E 2 70070	3 A 12	1992294	E 2 46000	2 L 20
1992088	E 2 70060	3 A 6	1992295	E 2 46000	2 L 20
	E 2 70070	3 A 12	1992296	E 2 46000	2 L 20
	E 2 70150	3 A 18	1992297	E 2 46000	2 L 20
	E 2 70200	3 A 22	1992298	E 2 46000	2 L 20
1992089	E 2 70060	3 A 6	1992299	E 2 46000	2 L 20
	E 2 70070	3 A 12	1992300	E 2 46000	2 L 20
1992095	E 2 70060	3 A 7	1992301	E 2 46000	2 L 20
	E 2 70070	3 A 13	1992302	E 2 46000	2 L 20
	E 2 70150	3 A 18	1992303	E 2 46000	2 L 20
	E 2 70200	3 A 22	1992304	E 2 46000	2 L 20
1992096	E 2 70060	3 A 6	1992305	E 2 20050	2 K 14
	E 2 70070	3 A 12	1992308	A 5 10500	1 I 14
	E 2 70150	3 A 18		A 5 20300	1 I 20
	E 2 70200	3 A 22	1992310	E 2 30260	2 K 18
1992097	E 2 70150	3 A 18	1992314	E 2 30630	2 K 24
	E 2 70200	3 A 22		E 2 30980	2 L 6
1992098	E 2 70060	3 A 6	1992340	J 1 10000	3 F 1
	E 2 70070	3 A 12	1992354	J 1 20000	3 F 5
	E 2 70150	3 A 18	1992356	A 5 40350	1 J 4
	E 2 70200	3 A 22	1992357	A 9 16500	2 B 22
1992099	E 2 70060	3 A 6	1992358	A 5 50300	1 J 16
	E 2 70070	3 A 12		A 5 60250	1 J 22
1992100	E 2 70060	3 A 6	1992363	A 5 20250	1 I 16
	E 2 70070	3 A 12	1992365	A 5 50300	1 J 16
	E 2 70150	3 A 18		A 5 60250	1 J 22
	E 2 70200	3 A 22	1992366	J 1 50000	3 F 9
1992101	E 2 70060	3 A 6	1992367	J 1 50000	3 F 9
	E 2 70070	3 A 12	1992368	J 1 50000	3 F 9
1992102	E 2 70060	3 A 6	1992370	A 9 16500	2 B 22
	E 2 70070	3 A 12	1992371	A 9 16500	2 B 22
	E 2 70150	3 A 18	1992372	A 9 16500	2 B 22
	E 2 70200	3 A 22	1992375	A 1 12300	1 A 18
1992104	E 2 70060	3 A 6	1992376	A 1 12300	1 A 18
	E 2 70070	3 A 12	1992377	A 1 12300	1 A 18
	E 2 70150	3 A 18	1992381	E 2 30630	2 K 24
	E 2 70200	3 A 22		E 2 30980	2 L 6
1992105	E 2 70060	3 A 6	1992386	E 2 30980	2 L 6
	E 2 70070	3 A 12	1992399	E 2 30980	2 L 6
1992107	E 2 70060	3 A 6	1992400	A 1 20780	1 B 16
	E 2 70070	3 A 12	1992402	E 2 30980	2 L 6
1992108	E 2 70060	3 A 6	1992404	A 5 40375	1 J 12

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
1992405	E 2 30980	2 L 6	1992564	A 5 20300	1 I 20
1992407	E 2 70060	3 A 6	1992567	A 5 10500	1 I 14
	E 2 70070	3 A 12		A 5 20300	1 I 20
	E 2 70150	3 A 18	1992568	A 5 10500	1 I 14
	E 2 70200	3 A 22	1992573	A 5 30425	1 J 2
1992411	A 5 20275	1 I 18		A 5 40360	1 J 8
1992412	A 5 20275	1 I 18		A 5 60250	1 J 22
1992420	F 1 11300	3 B 8	1992574	A 5 40360	1 J 8
1992434	E 2 30260	2 K 18	1992575	A 1 12700	1 A 24
	E 2 30630	2 K 24	1992576	A 1 12700	1 A 24
	E 2 30980	2 L 6	1992577	A 1 12700	1 A 24
1992435	E 2 30260	2 K 18	1992578	A 1 12700	1 A 24
	E 2 30630	2 K 24	1992579	A 1 12700	1 A 24
	E 2 30980	2 L 6	1992580	A 1 12700	1 A 24
1992439	E 2 30980	2 L 6	1992587	A 1 12700	1 A 24
1992443	A 1 12625	1 A 22	1992589	F 2 93250	3 D 14
1992444	A 1 12625	1 A 22	1992590	F 2 93250	3 D 14
1992445	A 1 12625	1 A 22	1992591	F 2 40350	3 C 8
1992446	A 1 12625	1 A 22	1992592	F 2 40350	3 C 8
1992447	A 1 12625	1 A 22	1992595	E 2 30410	2 K 20
1992448	A 1 12625	1 A 22		E 2 32050	2 L 8
1992449	J 1 10000	3 F 1		E 2 33000	2 L 10
	J 1 20000	3 F 5	1992596	E 2 30410	2 K 20
1992450	J 1 50000	3 F 9		E 2 32050	2 L 8
1992451	E 2 45000	2 L 12		E 2 33000	2 L 10
1992453	J 1 10000	3 F 1	1992597	E 2 30410	2 K 20
1992455	F 2 93250	3 D 14		E 2 32050	2 L 8
1992456	E 2 30630	2 K 24		E 2 33000	2 L 10
1992457	E 2 30260	2 K 18	1992598	E 2 32050	2 L 8
	E 2 30630	2 K 24	1992599	E 2 32050	2 L 8
1992458	E 2 30630	2 K 24		E 2 33000	2 L 10
	E 2 30980	2 L 6	1992600	E 2 32050	2 L 8
1992459	E 2 30980	2 L 6		E 2 33000	2 L 10
1992460	F 1 10220	3 B 4	1992601	E 2 30410	2 K 20
1992463	E 2 30260	2 K 18		E 2 32050	2 L 8
1992464	E 2 30630	2 K 24		E 2 33000	2 L 10
1992478	E 2 70150	3 A 18	1992602	E 2 30410	2 K 20
	E 2 70200	3 A 22		E 2 32050	2 L 8
1992479	E 2 70150	3 A 18		E 2 33000	2 L 10
	E 2 70200	3 A 22	1992603	E 2 30410	2 K 20
1992480	E 2 70150	3 A 18		E 2 32050	2 L 8
	E 2 70200	3 A 22		E 2 33000	2 L 10
1992481	E 2 70150	3 A 18	1992604	E 2 30410	2 K 20
	E 2 70200	3 A 22		E 2 32050	2 L 8
1992482	E 2 70150	3 A 18		E 2 33000	2 L 10
	E 2 70200	3 A 22	1992609	E 2 30410	2 K 20
1992483	E 2 70150	3 A 18		E 2 32050	2 L 8
	E 2 70200	3 A 22		E 2 33000	2 L 10
1992484	E 2 70150	3 A 18	1992610	E 2 33000	2 L 10
	E 2 70200	3 A 22	1992611	E 2 33000	2 L 10
1992485	E 2 70150	3 A 18	1992612	E 2 33000	2 L 10
	E 2 70200	3 A 22	1992613	E 2 33000	2 L 10
1992486	E 2 70150	3 A 18	1992614	E 2 30410	2 K 20
	E 2 70200	3 A 22		E 2 32050	2 L 8
1992487	E 2 70150	3 A 18		E 2 33000	2 L 10
	E 2 70200	3 A 22	1992615	E 2 30410	2 K 20
1992488	E 2 70150	3 A 18		E 2 32050	2 L 8
	E 2 70200	3 A 22		E 2 33000	2 L 10
1992489	E 2 70150	3 A 18	1992616	E 2 30410	2 K 20
	E 2 70200	3 A 22		E 2 32050	2 L 8
1992490	A 1 12625	1 A 22		E 2 33000	2 L 10
1992533	E 2 30410	2 K 20	1992617	E 2 30410	2 K 20
	E 2 32050	2 L 8		E 2 32050	2 L 8
	E 2 33000	2 L 10		E 2 33000	2 L 10
1992534	E 2 30410	2 K 20	1992618	E 2 30410	2 K 20
	E 2 32050	2 L 8		E 2 32050	2 L 8
	E 2 33000	2 L 10		E 2 33000	2 L 10
1992538	E 2 30410	2 K 20	1992619	E 2 30410	2 K 20
	E 2 32050	2 L 8		E 2 32050	2 L 8
	E 2 33000	2 L 10		E 2 33000	2 L 10
1992556	E 2 32050	2 L 8	1992620	E 2 30410	2 K 20
	E 2 33000	2 L 10		E 2 32050	2 L 8
1992558	E 2 32050	2 L 8		E 2 33000	2 L 10
1992562	A 5 10500	1 I 14	2106036	A 4 11090	1 G 4
	A 5 20300	1 I 20		A 4 11625	1 G 12

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
2106036	A 4 21430	1 H 6	2519785	A 9 13300	2 B 12
2106309	A 4 11090	1 G 4		A 9 13400	2 B 16
	A 4 11600	1 G 8		F 2 52000	3 C 12
	A 4 11625	1 G 12	2521435	A 1 20780	1 B 16
	A 4 11650	1 G 14		A 1 20800	1 B 20
	A 4 11725	1 G 16		A 1 21440	1 B 24
	A 4 21430	1 H 6	2521682	A 1 26000	1 C 4
	A 4 21450	1 H 8	2521683	A 1 26000	1 C 4
2106367	A 4 11090	1 G 4	2522107	C 1 10100	2 I 6
	A 4 21430	1 H 6		F 2 40350	3 C 8
2106546	A 4 26150	1 H 19	2522744	C 1 10090	2 I 4
2106703	A 4 26050	1 H 16		F 2 40350	3 C 8
2106712	A 4 11090	1 G 4	2522745	C 1 10090	2 I 4
	A 4 11625	1 G 12		F 2 40350	3 C 8
	A 4 11725	1 G 16	2524268	E 1 13070	2 K 6
	A 4 21430	1 H 6	2524589	F 1 21000	3 B 12
	A 4 21450	1 H 8	2525274	A 5 10280	1 I 12
2106965	A 4 11600	1 G 8	2526177	E 1 12080	2 J 20
	A 4 11650	1 G 14		E 1 13030	2 K 4
2106966	A 4 11600	1 G 8		E 1 14050	2 K 8
2106971	A 4 11090	1 G 4	2526489	A 10 30170	2 D 8
	A 4 11625	1 G 12	2528352	A 8 11600	2 A 22
	A 4 21430	1 H 6	2530726	E 1 13070	2 K 6
2107397	A 4 11090	1 G 4	2532064	A 10 14100	2 C 10
	A 4 11625	1 G 12	2532852	E 1 13020	2 J 24
	A 4 21430	1 H 6	2534199	F 2 60450	3 C 20
2107443	A 4 11600	1 G 8	2534215	F 2 60450	3 C 20
	A 4 11650	1 G 14	2535061	A 9 10120	2 B 4
2107615	A 4 11600	1 G 8	2535698	A 5 20250	1 I 16
	A 4 11650	1 G 14	2535815	E 1 10150	2 J 16
2107672	A 4 30625	1 I 4	2535834	A 6 11425	1 K 2
2107673	A 4 11650	1 G 14	2536249	F 2 60450	3 C 20
2107708	A 4 30625	1 I 4	2536430	A 9 13300	2 B 12
2107713	A 4 30625	1 I 4		A 9 13400	2 B 16
2107714	A 4 30625	1 I 4		E 2 46000	2 L 20
2107736	A 4 30625	1 I 4	2537563	F 2 90530	3 D 6
2109439	A 4 11650	1 G 14		F 2 93250	3 D 14
2109496	A 4 11725	1 G 16		F 2 94550	3 D 18
	A 4 21450	1 H 8	2537564	F 2 93250	3 D 14
2109535	A 4 11725	1 G 16	2537565	F 2 90530	3 D 6
	A 4 21450	1 H 8	2539289	F 2 90530	3 D 6
2109539	A 4 11725	1 G 16		F 2 93250	3 D 14
	A 4 21450	1 H 8	2540280	A 9 11200	2 B 8
2109540	A 4 11725	1 G 16	2542570	E 1 10150	2 J 16
	A 4 21450	1 H 8	2542789	A 10 14100	2 C 10
2109546	A 4 16575	1 G 24		A 10 15070	2 C 14
2109547	A 4 16575	1 G 24		A 10 16300	2 C 18
	A 4 26150	1 H 19	2551403	E 1 12080	2 J 20
	A 4 26150	1 H 19		E 1 13020	2 J 24
2109550	A 4 26150	1 H 19		E 1 13030	2 K 4
2109551	A 4 16575	1 G 24		E 1 14050	2 K 8
2109629	A 4 16500	1 G 22	2552108	E 1 12080	2 J 20
2109630	A 4 16500	1 G 22		E 1 13020	2 J 24
2109631	A 4 16500	1 G 22		E 1 13030	2 K 4
2109632	A 4 16500	1 G 22		E 1 14050	2 K 8
2109664	A 4 16500	1 G 22	2552109	E 1 12080	2 J 20
2337812	A 8 10070	2 A 14		E 1 13020	2 J 24
	A 8 11600	2 A 22		E 1 13030	2 K 4
2354558	B 4 11300	2 G 14		E 1 13030	2 K 4
	F 2 10210	3 B 16	2552111	E 1 14050	2 K 8
2388986	D 1 10130	2 I 10		E 1 12080	2 J 20
	D 1 11980	2 I 22		E 1 13030	2 K 4
2401348	A 1 10420	1 A 10		E 1 14050	2 K 8
2412840	F 2 52050	3 C 16	2552113	E 1 12080	2 J 20
2500879	F 2 10210	3 B 16		E 1 13020	2 J 24
2502152	A 8 10070	2 A 14		E 1 13030	2 K 4
	A 8 10080	2 A 18	2552115	E 1 14050	2 K 8
	A 8 11600	2 A 22		E 1 12080	2 J 20
	A 9 10120	2 B 4		E 1 13030	2 K 4
	A 9 11200	2 B 8		E 1 14050	2 K 8
	A 9 13300	2 B 12	2552116	E 1 10150	2 J 16
2502452	J 1 10000	3 F 1		E 1 12080	2 J 20
2502789	F 2 93250	3 D 14		E 1 13020	2 J 24
2510883	A 1 20800	1 B 20		E 1 13030	2 K 4
2512840	A 7 29500	1 L 24		E 1 13070	2 K 6
2515307	F 1 21000	3 B 12		E 1 14050	2 K 8

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
2552121	E 1 13020	2 J 24			
2552122	E 1 13020	2 J 24			
2552354	E 1 10150	2 J 16			
	E 1 13070	2 K 6			
2552356	E 1 10150	2 J 16			
2552358	E 1 10150	2 J 16			
	E 1 13070	2 K 6			
2552360	E 1 10150	2 J 16			
	E 1 13070	2 K 6			
2552361	E 1 10150	2 J 16			
2552534	E 1 13070	2 K 6			
2553562	E 1 10150	2 J 16			
	E 1 13070	2 K 6			
2553563	E 1 12080	2 J 20			
	E 1 13020	2 J 24			
	E 1 13030	2 K 4			
	E 1 14050	2 K 8			
2555880	E 1 13070	2 K 6			
2557201	F 2 60450	3 C 20			
2557834	F 1 10220	3 B 4			
2750576	A 9 13300	2 B 12			
	A 9 13400	2 B 16			
3150205	A 1 28025	1 C 8			
3221996	F 2 94550	3 D 18			
3678178	J 1 10000	3 F 1			
3678231	J 1 10000	3 F 1			
3686395	E 2 20050	2 K 14			
3739636	A 1 26000	1 C 4			
3951954	A 7 29500	1 L 24			
3984428	A 1 28025	1 C 8			
3984429	A 1 28025	1 C 8			
3984430	A 1 28025	1 C 8			
3999491	F 2 94550	3 D 18			
4200080	A 3 30300	1 E 4			
5207782	A 10 14100	2 C 10			
5209959	A 10 15070	2 C 14			
5290017	A 10 15070	2 C 14			
5290065	A 10 14100	2 C 10			
	A 10 15070	2 C 14			
	A 10 16300	2 C 18			
	A 10 16400	2 C 20			
5294926	E 2 30410	2 K 20			
	E 2 32050	2 L 8			
	E 2 33000	2 L 10			
5299099	A 5 30200	1 J 24			
	A 5 30425	1 J 2			
	A 5 50300	1 J 16			
	A 5 60250	1 J 22			
5299100	A 5 30200	1 J 24			
	A 5 30425	1 J 2			
	A 5 50300	1 J 16			
	A 5 60250	1 J 22			
6000689	A 8 10070	2 A 14			
	A 8 10080	2 A 18			
	A 8 11600	2 A 22			
	A 9 10120	2 B 4			
	A 9 11200	2 B 8			
	A 9 13300	2 B 12			
6002470	D 1 30600	2 J 10			
6006566	F 1 21000	3 B 12			
6513535	E 2 70060	3 A 6			
	E 2 70070	3 A 12			
6513640	F 1 21000	3 B 12			
6515572	D 1 10130	2 I 10			
6515575	A 1 10410	1 A 6			
	D 1 10130	2 I 10			
	D 1 11980	2 I 22			
6519247	F 2 90530	3 D 6			
	F 2 93250	3 D 14			
	F 2 94550	3 D 18			
6630028	E 2 70060	3 A 7			
	E 2 70070	3 A 13			
6630079	E 2 70060	3 A 7			
	E 2 70070	3 A 13			

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