

668B
SKIDDER
PARTS
MANUAL
No. 6570

Information contained herein pertains to
Machine serial numbers listed below:

CABLE DETROIT - 505B

CABLE CUMMINS - 507B

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 nos 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 fabrikhergestellten 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 Descricao e Quantidade. Mande INSTRUÇÕES DE EXPEDICAO 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 descripcion 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.

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

SYMBOLES

○	Voir table des matières
●	En commandant les bourrelets, spécifier la longueur nécessaire
§	Non vendu separement
†	Non represente
□	Utilisé sur
■	Non utilisé
‡	Suivant besoin
*	Standard
☒	En Option
→	A
& →	Et Suivants

ZEICHENERKLÄRUNG

○	Siehe Inhaltsverzeichnis
●	Bei bestellung der dichtungstreifen die erforderliche länge angeben
§	Nicht einzeln Lieferbar
†	Nicht Abgebildet
□	Findet Verwendung für
■	Nicht Zerwendet
‡	Stuckzahl Angeben
*	Standard
☒	Sonderausstattung
→	Bis
& →	Und Fortlaufend

SIMBOLOS

○	Veja índice
●	No casa de um pedido de sitas de vedação especificar comprimentos necessarios
§	Não e vendida separadamente
†	Não ilustrado
□	Utilizar el
■	Não usado em
‡	Conforme necessario
*	Standard
☒	Opcional
→	Até
& →	E Subsequentes

SIMBOLOS

○	Véase índice
●	Al pedir los bulletes, espeifique la longitud necesaria
§	No vendida separadamente
†	No ilustrado
□	Utilizar el
■	No utilizada
‡	Segun necesidad
*	Standard
☒	Opcional
→	Haste
& →	Y Subsiguientes

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	overld.....	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

ABBREVIATIONS

adm.....	admission	inf.....	inferieur
arb.....	arbre	int.....	interieur
AR.....	arriere	intér.....	interrupteur
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.....	presioön
contr.....	contrôle	rech.....	rechange
conv.....	convertisseur	red.....	réduction
couv.....	couvercle	refroid.....	refroidisseur
déc.....	décalcanie	reg.....	régulateur
déch.....	décharge	renf.....	renford
dém.....	démarreur	rep.....	réparation
diff.....	differential	res.....	réservoir
direct.....	direction	RFM.....	Modification sur Place Ranger
disj.....	disjonteur	roul.....	roulement
élé.....	élément	sec.....	section
embr.....	embrayage	sens.....	sensible
engr.....	engrenage	sol.....	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

ABKÜRZUNGEN

Abfl Abfluss
Abschn Abschnitt
Abz Abziehbild
Akkum Akkumulator
Alter Alternator
Ant Antriebs
Anz Anzeige
Ausl Ausleger

B Beschrift
Batt Batterie
Befest Befestigung

Dicht Dichtung
Diff Differentiel
Drehwand Drehmomentwandler

Einh Einheit
E-z Einsatz

Geh Gehuse
Ges Geschwindigkeit
Getr Getriebe

H Hinten
Hltrg Halterung
Hyd Hydraulik

Komp Kompressor
Kontr Kontrolle
Konv Konverter
Kppl Kupplung
Krftst Kraftstoff

L Links
Lrfl Leerlauf

Mess Messer

R Rechts
Repsatz Reparatursatz
RFM nderung an Ort U Stelle Ranger

Schau Schaufel
Scheibwis Scheibenwischer
Schm Schmierung
Sich Auto Sicherungsautomat
Sicherhgurt Sicherheitsgurt
Stromkrunterbrecher Stromkreisunterbrecher

Temp Temperatur
Tr Trager
Trak Traktor
Treibrmn Treibriemen
Trom Trommel

Univ Universal

V Vorne
Vent Ventilator
Verbdg Verbindung
Vntl Ventil
Voll/Vollst Vollständig
Vorr Vorrichtung

Wand Wandler
Wnkl Winkel

Zu Zufluss
Zug Zugmaschine
Zyl Zylinder

ABREVIATURAS

acess	acessrio	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	lubrifica
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	Modifiao 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
dlf	diferencial	sup	superior
dlreç	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
aces	accessorio	ind	indicador
acondic	acondicionador	inf	inferior
acopl	acoplemento	inst	instrumentos
acum	acumulador	int	interior
adapt	adaptador	inter	interruptor
alim	alimentacn	jgo	juego
alm	almohadilla	LD	lado derecho
aloj	alojamento	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
cai	calcomana	port	portador
chav	chaveta	pres	presin
cil	cilindro	prot	protector
coj	cojinete	rad	radiador
comb	combustible	rec	recambio
conj/cj	conjunto	reg	regulador
contr	control	rep	reparo
conv	convertidor	res	resorte
corr	correa	resp	respirador
crist	cristales	RFM	Modificacin De Terreno Ranger
ctr	corredera	rod	rodamiento
cub	cubierta	sec	seccin
cuch	cucharn	segur	seguridad
DE	delantero	sens	sensora
dep	depsito	sol	solenide
desc	descarga	sold	soldadura
dírec	direccin	sop	soporte
disp	dispositivo	suc	succin
disy	disyuntor	sup	superior
el	elemento	tamb	tambor
embr	embregue	temp	temperatura
emerg	emergencia	termó	termmetro
empa	empaquetadura	TR	trasero
engr	engrenaje	trans	transmissin
env	envolvente	unid	unidad
esf	esfrico	univ	universal
estac	estacionamiento	viv	vivula
et	etiqueta	vel	velocidad
ext	exterior	vent	ventilador
filt	filtro	vibr	vibrao
herra	herramientas		
hid	hidrulico		

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.....	A 1 20600
SYSTÈME DE REFROIDISSEMENT	A 1 10800
.....	A 1 10900

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.....	A 6 24400
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	A 1 20600
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	A 1 20600

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DIFFERENTIAL & TRÄGER VOLLSTÄNDIG VORNE-33600	A 4 15400
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN-33600	A 4 25450
DIFFERENTIAL, HINTEN & TRÄGEREINHEIT	A 4 25450
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DREHMOMENTWANDLER, VOLLSTÄNDIG	A 2 14000
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E

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	F 2 51620

F

FELGENEINHEIT - 24.5 X 32 REIFEN	F 2 97400
FELGENEINHEIT - 28.1 X 26 REIFEN	F 2 97350
FELGENEINHEIT - 30.5 X 32 REIFEN	F 2 97300
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G

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GELENKWELLE VOLLSTÄNDIG-GETRIEBE/DREHMOMENTWANDLER	A 5 10430
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	A 3 30600
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GETRIEBEKUPPLUNGSGRUPPE, LANGSAM	A 3 33000
GETRIEBEKUPPLUNGSGRUPPE, RÜCKWÄRTS & DRITTE	A 3 32000
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	A 3 34150
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H

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	A 7 30225
HILFSLENKUNG	A 9 15050
HINTERACHSEN-MONTAGE	B 1 23500
HINTERACHSENEINHEIT	A 4 20400
HINTERRAHMEN & MONTIERUNG	B 1 20900
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HYDRAULIKANLAGE, GETRIEBE & DREHMOMENTWANDLER	A 8 10175
HYDRAULIKBREMSE, GETRIEBE	A 3 30300
HYDRAULIKTANKEINHEIT	A 9 16050

I

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ISOLIERUNG-INSTRUMENTENBRETT	G 5 10000
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ISOLIERUNG-STIRNWAND-BRANDSCHOTT	G 3 30000
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K

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	A 5 40700
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KIPPKLINGE, BEDIENUNG	A 9 23000
KIPPSCHILD-HYDRAULIK	A 9 12000
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KNOPF	F 2 95050
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	A 1 10900
	A 1 10900
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KUPPLUNG, LANGSAM	A 3 33000
KUPPLUNG, RÜCKWÄRTS UND 3. GANG	A 3 32000
KUPPLUNG, VOLLSTÄNDIG	A 3 30550

L

LENK & BLATTSTEUERUNG	A 9 20350
	A 9 20400
LENK- & SCHILDHYDRAULIK	A 9 10150
LENKUNGS- & SCHAUFELSTEUERVENTIL	E 2 30300
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	A 1 25450
LUFTFILTER - AUSPUFFÄMPFER & MONTAGE	A 1 20500
	A 1 20600
LUFTKOMPRESSOR	F 2 92050
	F 2 92100
	F 2 92150

M

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MOTORAUFBAU UND SCHMIERUNG	A 1 15510
	A 1 15600

P

PLANENTRÄGER VOLLST-17630, 19600, 19640, 19650 & 33600	A 4 30300
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PUMPE	A 9 10150
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INHALTSVERZEICHNIS (forts)

R

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REISSPFLUG-FÜHRUNGSRÖLLE ☒	B 2 12100
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S

SCHAUFEL & SCHAUFELMONTAGE	B 3 12000
SCHEINWERFER LEUCHTEN☒	F 2 90400
SCHEINWERFER-LEUCHTEN☒	F 2 90150
SCHUTZDACH	F 2 10140
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SEKUNDARBREMSEINHEIT ☒	A 7 35050
SITZ VOLLSTÄNDIG	F 2 40100
SITZ VOLLSTÄNDIG-BOSTROM	F 2 40200
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STANDBREMSBEDIENUNGEN	A 7 29300
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V

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Z

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	F 2 50110
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	F 2 50200
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	A 1 20600
ARMAÇÃO TRASEIRA & SUPORTE	B 1 20900
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B

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C

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	F 2 92150
CONJUNTO CONVERSOR DE TORQUE	A 2 14000
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CONJUNTO DA EMBREAGEM, ALTA	A 3 31000
CONJUNTO DA EMBREAGEM, BAIXA	A 3 33000
CONJUNTO DA TRANSMISSÃO-28000	A 3 30100
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CONJUNTO DE AROS - 28.1 X 26 PNEUMÁTICO	F 2 97350
CONJUNTO DE AROS - 30.5 X 32 PNEUMÁTICO	F 2 97300
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	A 4 15410
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-33600	A 4 25450
CONJUNTO DO EIXO DIANTEIRO	A 4 10400
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CONJUNTO DO TANQUE HIDRÁULICO	A 9 16050
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO	A 5 20100
	A 5 20150
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DIFERENCIAL TRASEIRO & CONJUNTO SUPORTE	A 4 25450
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L

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P

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SUPORTE DO EIXO TRASEIRO	B 1 23500
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T

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CONJUNTO DE BOMBA & MOTOR ☒	E 2 20000
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	A 5 40700
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CONJUNTO DEL EMBRAGUE, BAJA	A 3 33000
CONJUNTO DEL EMBRAGUE, RETROCESO Y 3A	A 3 32000
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CONJUNTO ILANTA - 28.1 X 26 NEUMÁTICO	F 2 97350
CONJUNTO ILANTA - 30.5 X 32 NEUMÁTICO	F 2 97300
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D

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DIFERENCIAL POSTERIOR & CONJUNTO DE CARCASA	A 4 25450
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E

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EJE TRASERO, CONJUNTO-33600	A 4 20400
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EMBRAGUE DE LA TRANSMISIÓN, BAJA	A 3 33000
EMBRAGUE, CONJUNTO	A 3 30550
EMBRAGUE DE LA TRANSMISIÓN, AVANCE Y 2A	A 3 31000
ESTRUCTURA DEL TANQUE HIDRÁULICO	A 9 16050
EXTINTOR DE FUEGO	F 2 80000

F

FILTRO DEL AIRE	A 1 25350
	A 1 25450
FILTRO PRIMARIO	A 1 28100
FRENO CONJUNTO SECUNDARIO ☒	A 7 35050
FRENO HIDRAULICO, TRANSMISIÓN	A 3 30300

G

GRAPAS	F 2 95000
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑO	
GRUPO EJE CORONA CON.	A 6 24300
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑO	
GRUPO EJE CORONA CON EMGRANAJE	A 6 24400
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L

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	F 2 90400

M

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	A 9 20400
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	A 1 15600

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R

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S

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.....	A 1 20600
SILENCIADOR DEL FILTRO DE AIRE & SOPORTE	A 1 20500
.....	A 1 20600
SISTEMA DE ESCAPE	A 1 20500
.....	A 1 20600
SISTEMA DE REFRIGERACION	A 1 10800
.....	A 1 10900
SISTEMA ELECTRICO	F 2 51600
.....	F 2 51620
SISTEMA HIDRAULICO DE ANGULO DE LAMINA	A 9 12000
SISTEMA HIDRAULICO DE DIRECCION & DE LAMINA	A 9 10150
SISTEMA HIDRAULICO, TRANSMISION & CONVERTIDOR DE PAR	A 8 10175

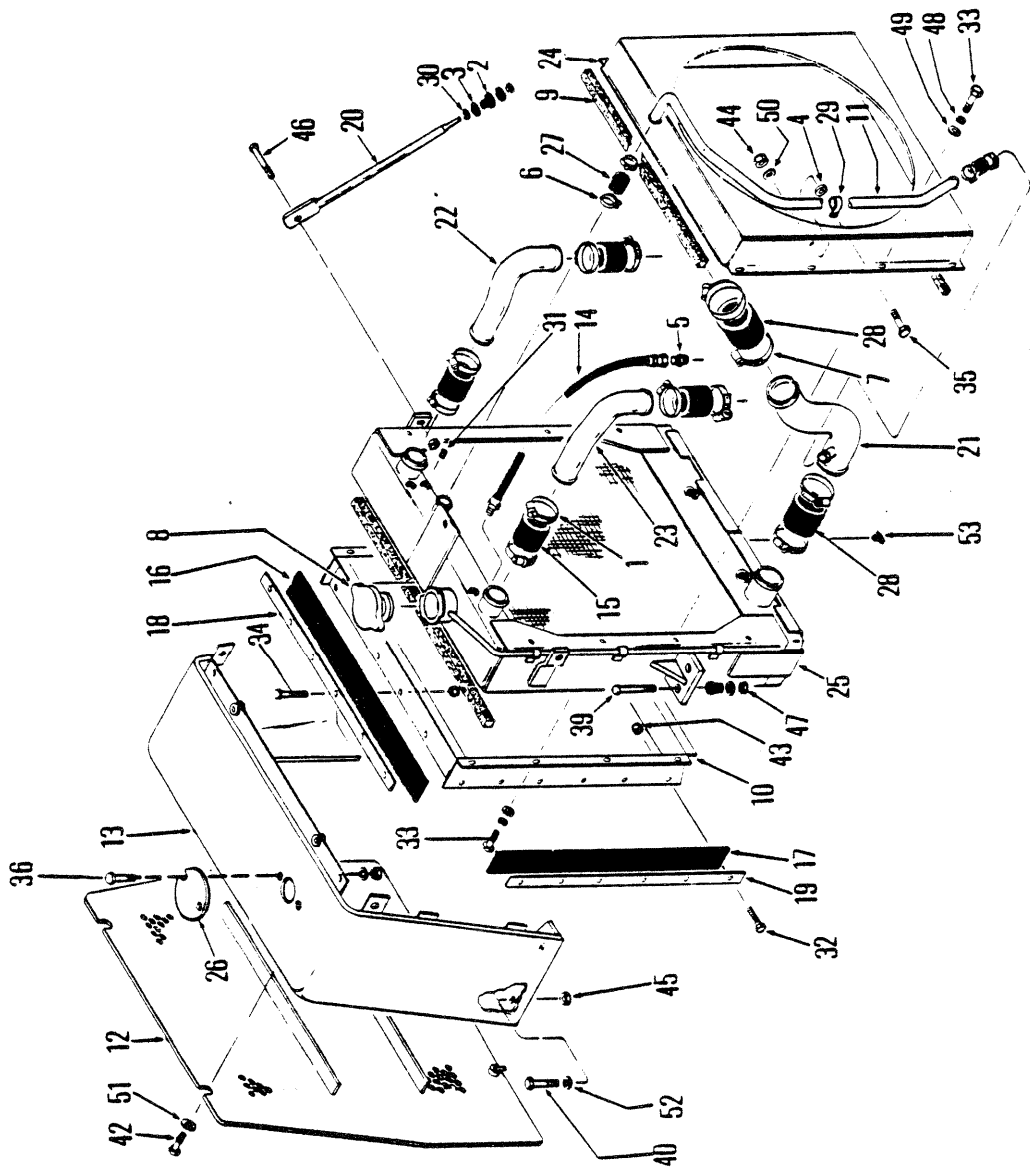
SOPORTE DE LA TRANSMISION	A 3 35103
SOPORTE DEL EJE TRASERO	B 1 23500
SOPORTE PISO & ASIENTO	C 1 10170
SOPORTE PLANET CONJUNTO-17630, 19600, 19640, 19650 & 33600	A 4 30300

T

TRANSMISION & CONVERTIDORES HIDRAULICOS	A 8 10175
TRANSMISION FRENO HIDRAU	A 3 30300

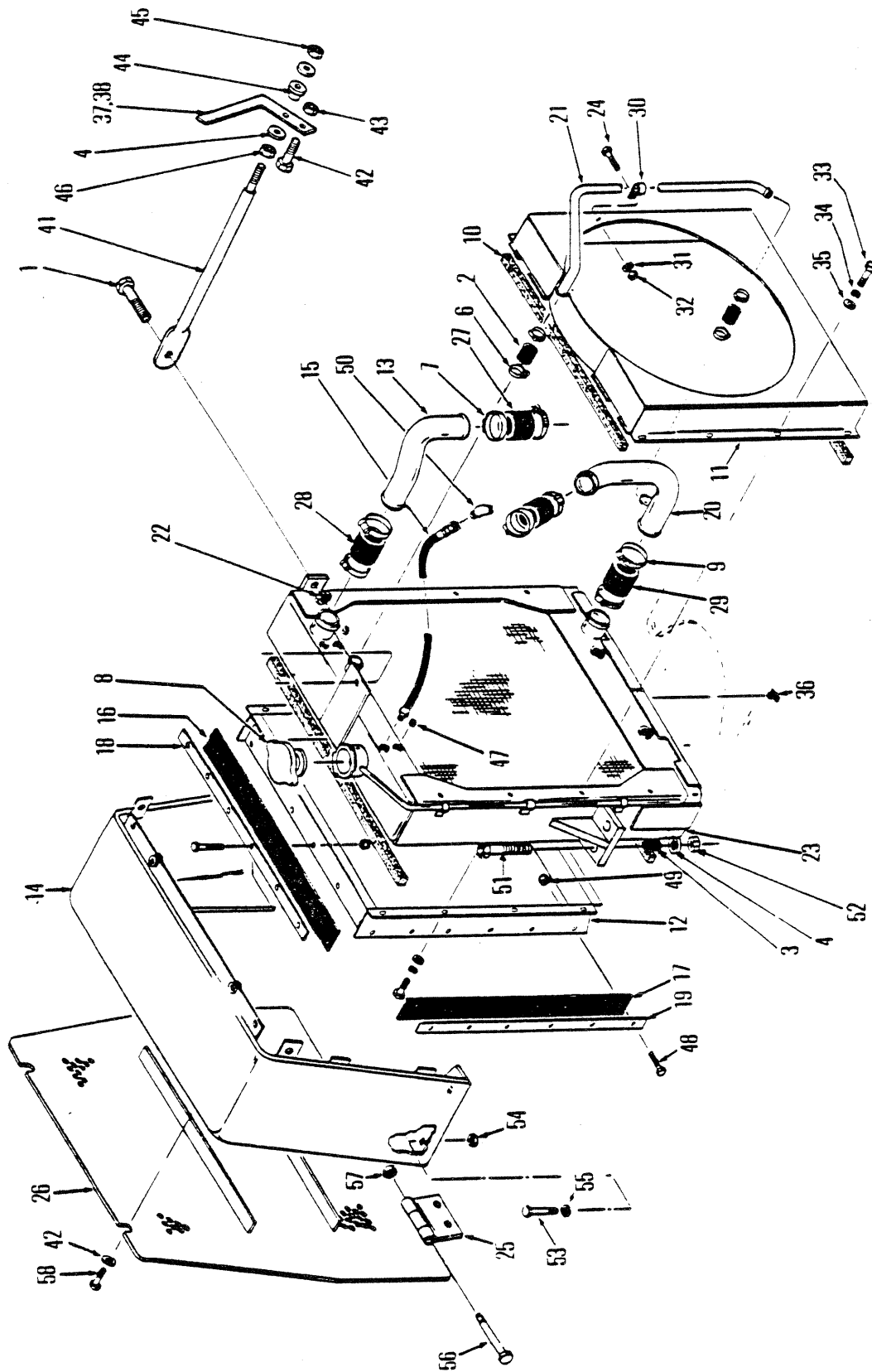
V

VÁLVULA DE CONTROL DE LA DIRECCIÓN & CUCHILLA	E 2 30300
VÁLVULA DE CONTROL DE TRANSMISION	A 3 34150
.....	A 3 34150
VÁLVULA DE CONTROL-INCLINACIÓN DE LA CUCHILLA	E 2 30360
VÁLVULA DEL REGULADOR	A 2 25050
VÁLVULA, CONTROL DE TRANSMISION	A 3 34150



RADIATOR & CONNECTIONS
RADIATEUR ET CONNEXION
KÜHLER UND VERBINDUNGEN
RADIADOR E CONEXÕES
RADIADOR Y CONEXIONES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	538335	8	Clamp	pince	Schelle	braçadeira	abrazadera
2	569739	6	Mount	support	Befestigung	apoio	montura
3	616796	8	Washer	rondelle	Scheibe	arruela	arandela
4	658160	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	712203	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
7	784663	4	Clamp	pince	Schelle	braçadeira	abrazadera
8	863364	1	Cap	chapeau	Kappe	tampa	tapa
9	●1901632	4	Weatherstrip	caifitage	Zugluftabschliesser	tira vedadora	calafate ventana
10	1903551	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
11	1903590	1	Tube	tube	Rohr	tubo	tubo
12	1903678	1	Grille	grille	Grill	grade	careta
13	1904887	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
14	1905098	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905268	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1905435	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
17	1905436	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
18	1905437	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
19	1905438	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
20	1907858	2	Support	support	Abstützung	suporte	soporte
21	1908523	1	Tube	tube	Rohr	tubo	tubo
22	1908524	1	Tube	tube	Rohr	tubo	tubo
23	1908525	1	Tube	tube	Rohr	tubo	tubo
24	1908526	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
25	1908910	1	Radiator	radiateur	Kühler	radiador	radiador
26	1913799	1	Cover	couvercle	Deckel	tampa	tapa
27	1M008034	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
28	1M016040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	6H000020	1	Clip	attache	Schelle	braçadeira	abrazadera
30	8D000008	2	Nut	écrou	Mutter	porca	tuerca
31	11F000004	3	Plug	bouchon	Stopfen	bujão	tapón
32	17C000410	20	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000412	16	Bolt	boulon	Bolzen	parafuso	bulón
34	17C000514	16	Bolt	boulon	Bolzen	parafuso	bulón
35	17C000520	1	Bolt	boulon	Bolzen	parafuso	bulón
36	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
37	17C000724	2	Bolt	boulon	Bolzen	parafuso	bulón
38	17C000824	1	Bolt	boulon	Bolzen	parafuso	bulón
39	17C000844	4	Bolt	boulon	Bolzen	parafuso	bulón
40	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
41	17C001220	2	Bolt	boulon	Bolzen	parafuso	bulón
42	17C001224	2	Bolt	boulon	Bolzen	parafuso	bulón
43	17D000001	20	Nut	écrou	Mutter	porca	tuerca
44	17D000002	1	Nut	écrou	Mutter	porca	tuerca
45	17D000009	4	Nut	écrou	Mutter	porca	tuerca
46	18C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
47	18D000008	6	Nut	écrou	Mutter	porca	tuerca
48	24E000004	16	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
49	25E000014	16	Washer	rondelle	Scheibe	arruela	arandela
50	25E000015	1	Washer	rondelle	Scheibe	arruela	arandela
51	25E000027	2	Washer	rondelle	Scheibe	arruela	arandela
52	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela
53	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga

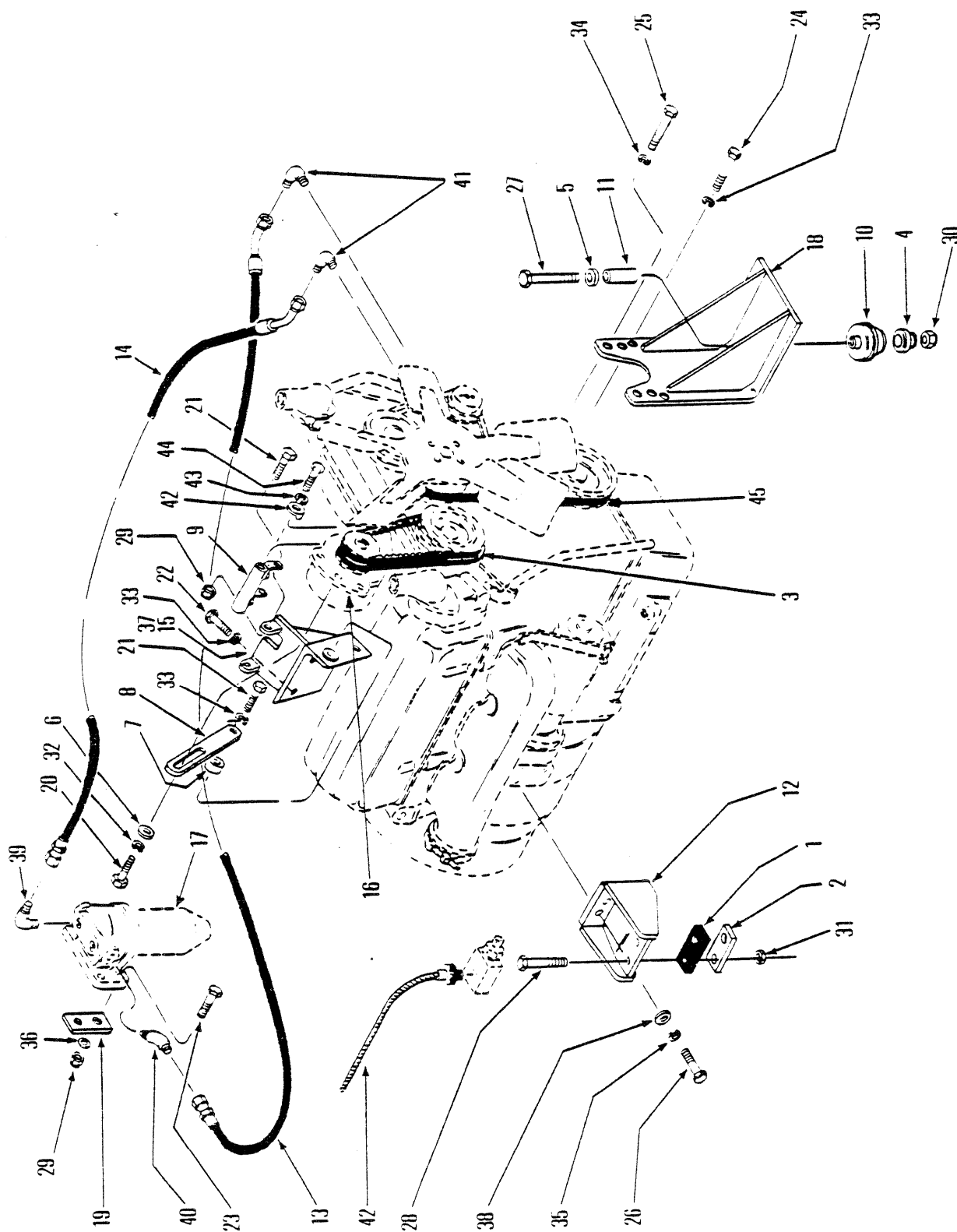


RADIATOR & CONNECTIONS
RADIATEUR ET CONNEXION
KÜHLER UND VERBINDUNGEN
RADIADOR E CONEXÕES
RADIADOR Y CONEXIONES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	18C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
2	549243	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	569739	4	Mount	support	Befestigung	apoio	montura
4	616796	8	Washer	rondelle	Scheibe	arruela	arandela
5	664420	16	Washer	rondelle	Scheibe	arruela	arandela
6	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
7	784663	4	Clamp	pince	Schelle	braçadeira	abrazadera
8	863364	1	Cap	chapeau	Kappe	tampa	tapa
9	879717	4	Clamp	pince	Schelle	braçadeira	abrazadera
10	●1901632	-	Weatherstrip	calfatage	Zugluftabschliesser	tira vedadora	calafate ventana
11	1903549	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
12	1903551	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
13	1903553	1	Tube	tube	Rohr	tubo	tubo
14	1904887	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
15	1905396	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1905435	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
17	1905436	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
18	1905437	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
19	1905438	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
20	1907381	1	Tube	tube	Rohr	tubo	tubo
21	1907383	1	Tube	tube	Rohr	tubo	tubo
22	8D000008	2	Nut	écrou	Mutter	porca	tuerca
23	1908911	1	Radiator	radiateur	Kühler	radiador	radiador
24	17C000512	1	Bolt	boulon	Bolzen	parafuso	bulón
25	1918857	2	Hinge assy	charnière ens	Scharniersatz	conj charneira	conj bisagra
26	1903678	1	Grille assy	ensemble-grille	Grillsatz	conj da grade	conj de la rejilla
27	1M016030	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
28	1M016040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	1M018040	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	6H000020	1	Clip	attache	Schelle	braçadeira	abrazadera
31	25E000015	1	Washer	rondelle	Scheibe	arruela	arandela
32	17D000002	1	Nut	écrou	Mutter	porca	tuerca
33	17C000410	16	Bolt	boulon	Bolzen	parafuso	bulón
34	25E000014	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
35	24E000004	16	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
37	1914794	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
38	+1914795	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
39	18C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
40	18D000008	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
41	1914793	2	Tie rod	barre daccouplement	Spurstange	tirante união	barra tirante
42	664428	2	Washer	rondelle	Scheibe	arruela	arandela
43	+1922742	1	Core	noyau	Innenteil	núcleo	núcleo
44	584501	2	Mount	support	Befestigung	apoio	montura
45	18D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
46	8D0000008	2	Nut	écrou	Mutter	porca	tuerca
47	16F000004	1	Plug	bouchon	Stopfen	bujão	tapón
48	17C000410	20	Bolt	boulon	Bolzen	parafuso	bulón
49	17D000001	20	Nut	écrou	Mutter	porca	tuerca
50	84F000004	2	Fitting	ajustage	Verbindung	ajuste	accesorio
51	18C000844	4	Bolt	boulon	Bolzen	parafuso	bulón
52	18D000008	4	Nut	écrou	Mutter	porca	tuerca
53	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
54	17D000009	4	Nut	écrou	Mutter	porca	tuerca
55	664427	4	Washer	rondelle	Scheibe	arruela	arandela
56	17C008112	2	Bolt	boulon	Bolzen	parafuso	bulón
57	17D000006	2	Nut	écrou	Mutter	porca	tuerca
58	17C001220	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 43

² See Item 23

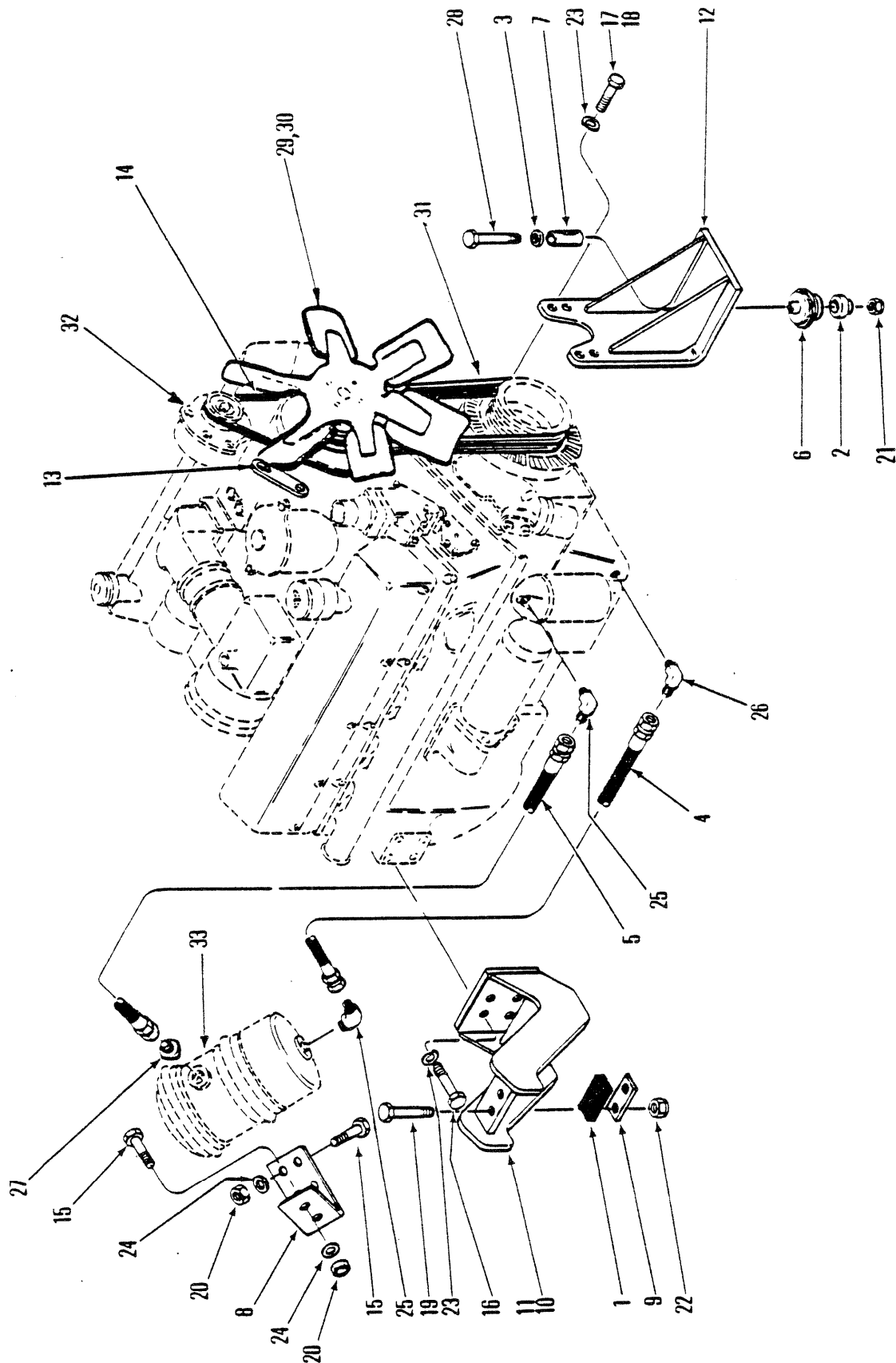


ENGINE MOUNTING & LUBRICATION
MONTAGE ET LUBRIFICATION DU MOTEUR
MOTORAUFBAU UND SCHMIERUNG
MONTAGEM E LUBRICAÇÃO DO MOTOR
MONTAJE DEL MOTOR Y LUBRICACIÓN

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	531029	2	Pad	tampon	Polster	almofada	almohadilla
2	551476	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
3	○-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador
4	567416	1	Pad	tampon	Polster	almofada	almohadilla
5	584502	1	Washer	rondelle	Scheibe	arruela	arandela
6	619019	1	Washer	rondelle	Scheibe	arruela	arandela
7	635373	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	1636460	1	Strap	bande	Band	faixa	banda
9	1667685	1	Mounting kit	ensemble de montage	Befestigungssatz	conj montagem	conj montura
10	1904129	1	Pad	tampon	Polster	almofada	almohadilla
11	1904893	1	Sleeve	manchon	Muffe	luva	manguito
12	1904914	2	Bracket	support	Winkel	grampo	grampa
13	1905100	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1905101	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905668	1	Bracket	support	Winkel	grampo	grampa
16	○-----	1	Alternator	alternateur	Alternator	alternador	alternador
17	○-----	1	Filter	filtre	filter	filtro	filtro
18	1908534	1	Bracket	support	Winkel	grampo	grampa
19	1914206	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
20	17C000514	2	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
23	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
24	17C000672	4	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000728	2	Bolt	boulon	Bolzen	parafuso	bulón
26	17C000820	8	Bolt	boulon	Bolzen	parafuso	bulón
27	17C000868	1	Bolt	boulon	Bolzen	parafuso	bulón
28	17C001040	4	Bolt	boulon	Bolzen	parafuso	bulón
29	17D000003	6	Nut	écrou	Mutter	porca	tuerca
30	17D000006	1	Nut	écrou	Mutter	porca	tuerca
31	17D000009	4	Nut	écrou	Mutter	porca	tuerca
32	24E000005	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	24E000006	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	24E000007	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	24E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	25E000017	4	Washer	rondelle	Scheibe	arruela	arandela
37	25E000018	1	Washer	rondelle	Scheibe	arruela	arandela
38	25E000021	8	Washer	rondelle	Scheibe	arruela	arandela
39	83F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	84F000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
41	89F000010	2	Elbow	coude	Winkelrohr	cotovêlo	codo
42	2-----	-	Washer	rondelle	Scheibe	arruela	arandela
43	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	2-----	-	Bolt	boulon	Bolzen	parafuso	bulón
45	○-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent

¹ Inc 42→44

² Ref 9



ENGINE MOUNTING & LUBRICATION
MONTAGE ET LUBRIFICATION DU MOTEUR
MOTORAUFBAU UND SCHMIERUNG
MONTAGEM E LUBRICAÇÃO DO MOTOR
MONTAJE DEL MOTOR Y LUBRICACIÓN

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	531029	2	Pad	tampon	Polster	almofada	almohadilla
2	567416	1	Pad	tampon	Polster	almofada	almohadilla
3	584502	1	Washer	rondelle	Scheibe	arruela	arandela
4	1312820	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1315238	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1904129	1	Pad	tampon	Polster	almofada	almohadilla
7	1904893	1	Sleeve	manchon	Muffe	luva	manguito
8	1905369	1	Bracket	support	Winkel	grampo	grampa
9	1906865	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	1907063	1	Bracket	support	Winkel	grampo	grampa
11	†1907064	1	Bracket	support	Winkel	grampo	grampa
12	1908538	1	Bracket	support	Winkel	grampo	grampa
13	1914233	1	Bracket	support	Winkel	grampo	grampa
14	○-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador
15	17C000616	6	Bolt	boulon	Bolzen	parafuso	bulón
16	17C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
17	17C000836	2	Bolt RH	boulon D	Bolzen R	parafuso LD	bulón LD
18	17C000844	2	Bolt LH	boulon G	Bolzen L	parafuso LE	bulón LI
19	17C001044	4	Bolt	boulon	Bolzen	parafuso	bulón
20	17D000003	8	Nut	écrou	Mutter	porca	tuerca
21	17D000006	1	Nut	écrou	Mutter	porca	tuerca
22	17D000009	4	Nut	écrou	Mutter	porca	tuerca
23	24E000008	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	25E000017	12	Washer	rondelle	Scheibe	arruela	arandela
25	83F000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
26	84F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	89F000006	1	Connector	raccord	Verbindungsstück	ligador	conector
28	17C000868	1	Bolt	boulon	Bolzen	parafuso	bulón
29	1991039	1	Fan Blower	Soufflante	Ventilatorgebläse	Exhaustor de ventilador	Cabina, ventilador
30	1905411	1	Fan Suction	Ventilateur aspirant	Ventilatoransaugung	Sucção de ventilador	Succión ventilador
31	○-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent
32	○-----	-	Alternator	alternateur	Alternator	alternador	alternador
33	○-----	-	Filter	filtre	filter	filtro	filtro

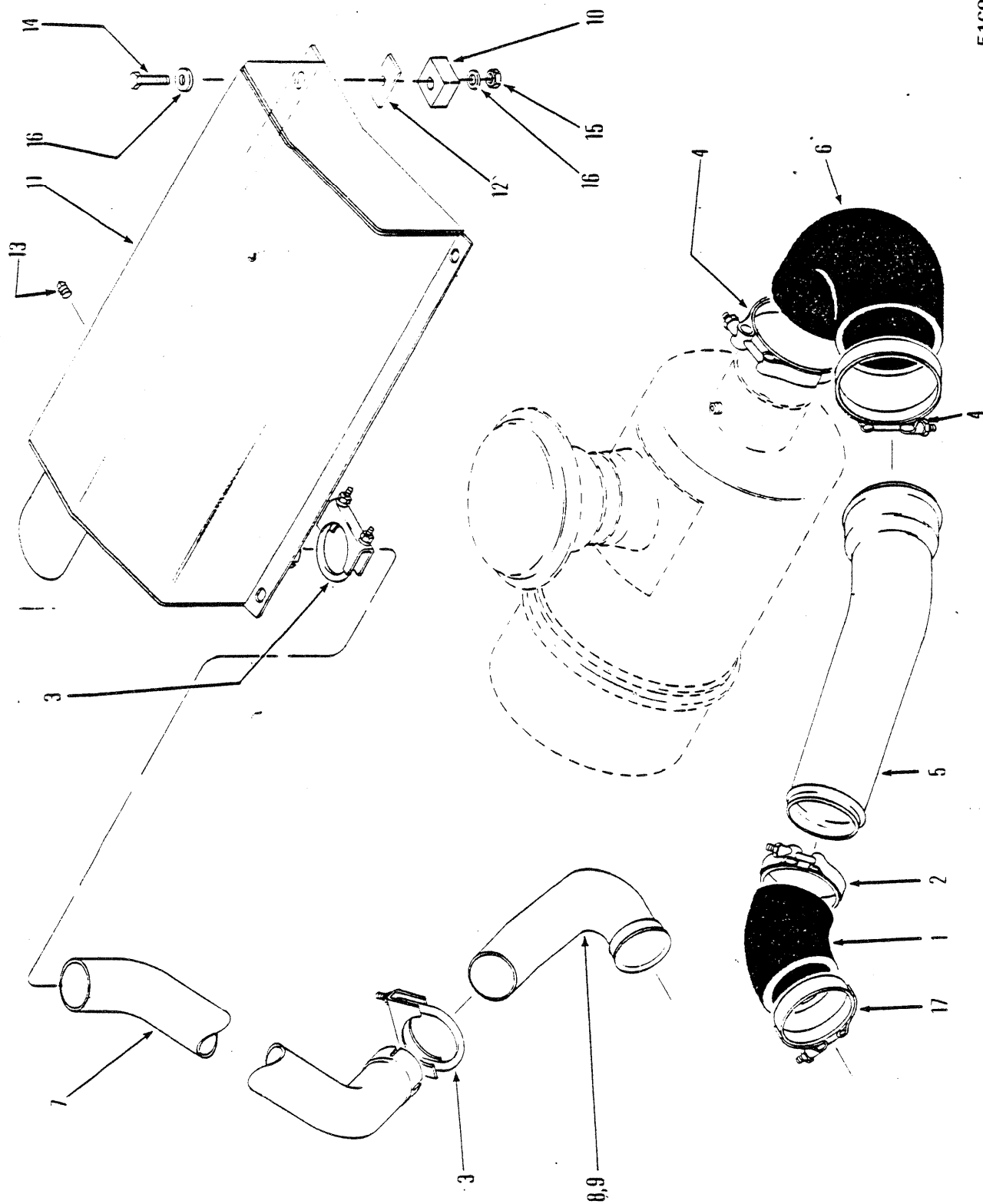
† When installing optional suction fan, use (1) 1905416 spacer, & (6) 17C000628 Bolts.

† Lors du montage du ventilateur d'aspiration facultatif, utiliser (1) entretoise 1905416, & (6) boulons 17C000628.

† Zur Montage des fakeltativen Ansaug- ventilators benutze man (1) Distanzteil 1905416, & (6) Bolzen 17C000628.

† Quando instalar ventoinha de succao opcional, use (1) 1905416 espaçador, & (6) 17C000628 parafusos.

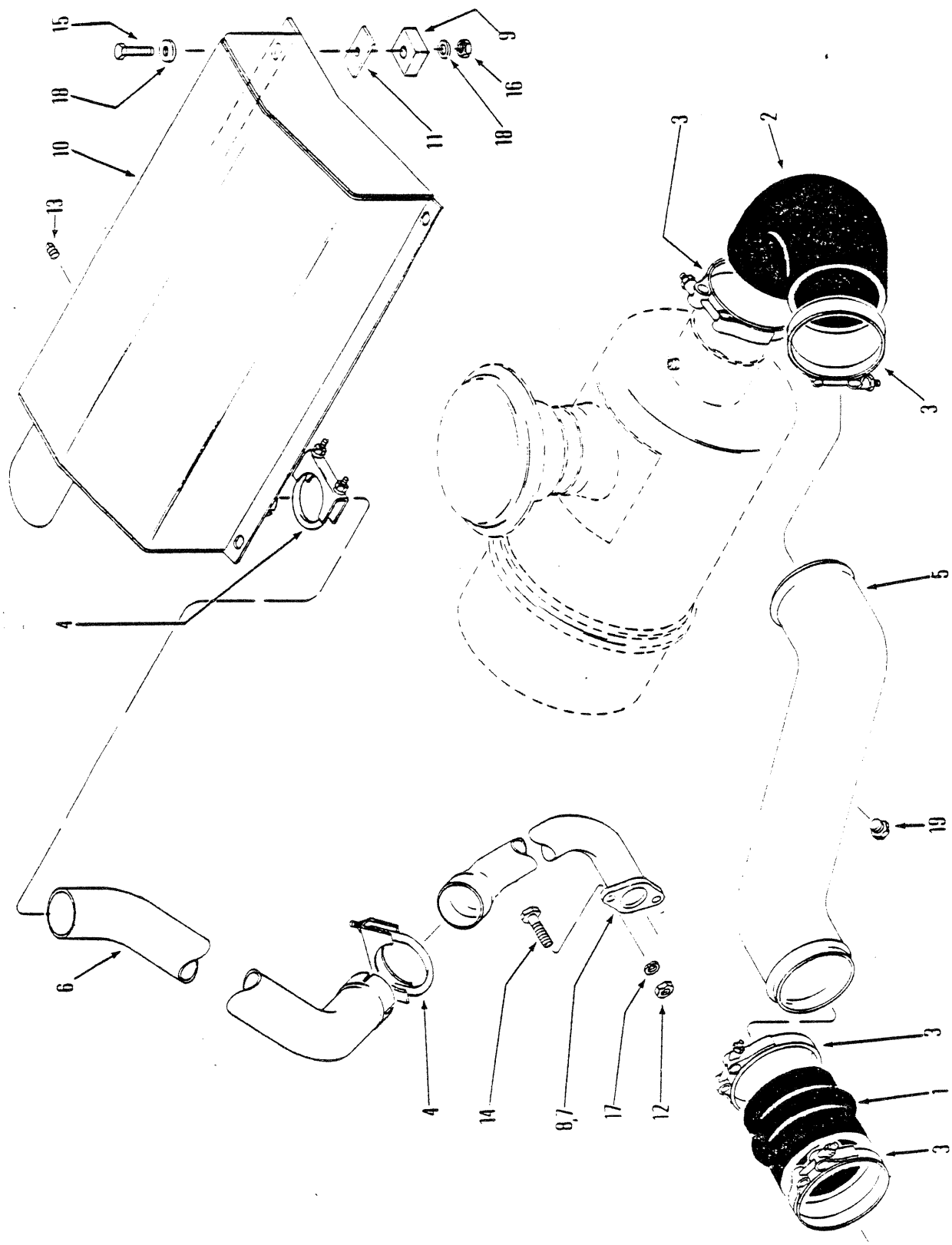
† Cuando instale ventilador de succión opcional use (1) espaciador 1905416, & (6) bulones 17C000628.



5169TP

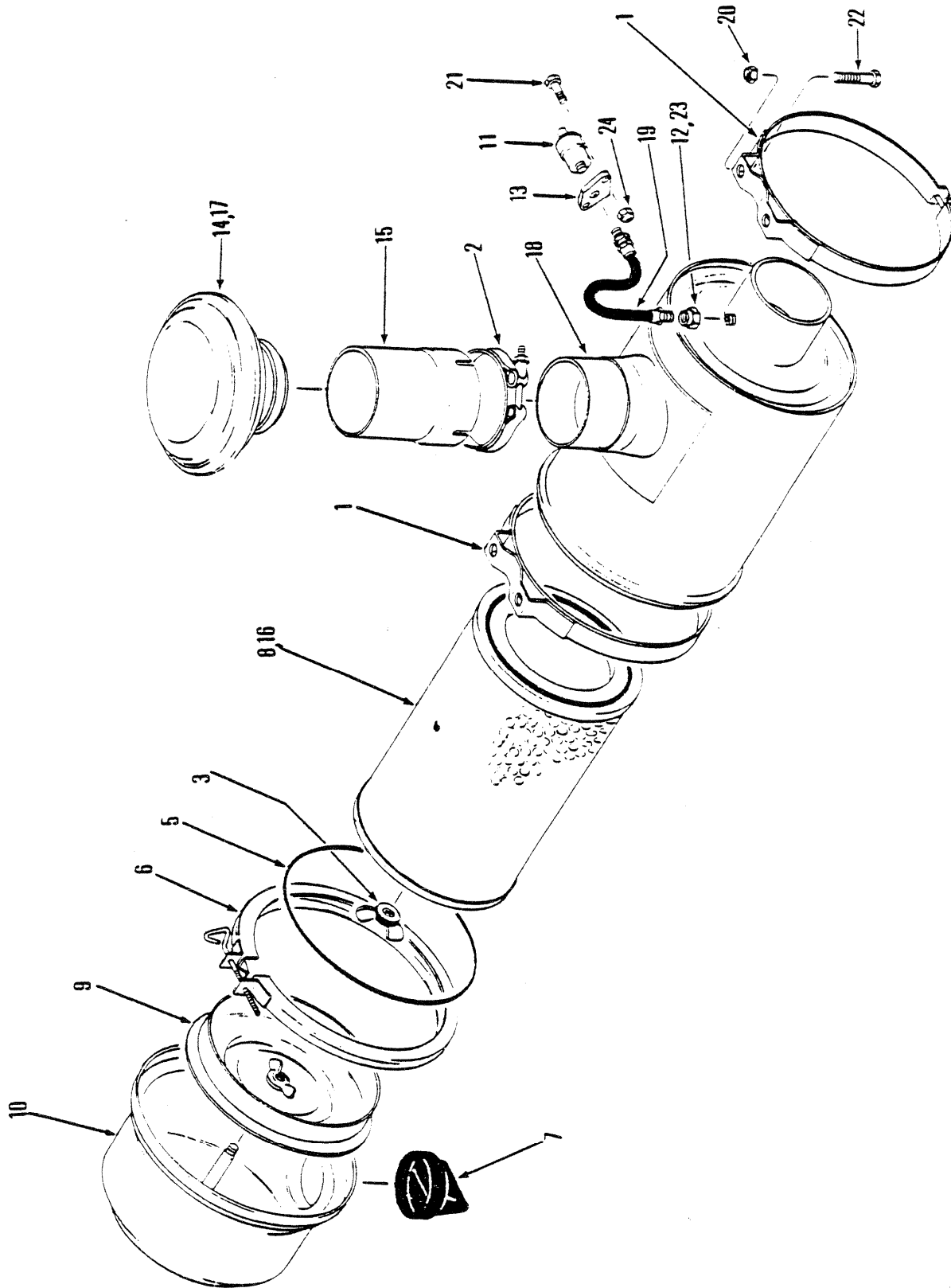
AIR CLEANER MUFFLER & MOUNTING
FILTRE À AIR - SILENCIEUX & MONTAGE
LUFTFILTER - AUSPUFFÄMPFER UND MONTAGE
AMORTECEDOR DO FILTRO DE AR E SUPORTE
SILENCIADOR DEL FILTRO DE AIRE Y SOPORTE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	513865	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	540797	1	Clamp	pince	Schelle	braçadeira	abrazadera
3	660738	4	Clamp	pince	Schelle	braçadeira	abrazadera
4	1500793	2	Clamp	pince	Schelle	braçadeira	abrazadera
5	1904871	1	Tube	tube	Rohr	tubo	tubo
6	1904878	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	1908326	2	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
8	1908351	1	Exhaust tube	tuyau déchappement	Auspuffrohr	tubo de exaustão	cano de escape
9	†1908352	1	Exhaust tube	tuyau déchappement	Auspuffrohr	tubo de exaustão	cano de escape
10	1908768	4	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
11	1928445	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
12	1909439	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
13	10F000008	1	Plug	bouchon	Stopfen	bujão	tapón
14	17C000840	4	Bolt	boulon	Bolzen	parafuso	bulón
15	59D000008	4	Nut	écrou	Mutter	porca	tuerca
16	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	544609	1	Clamp	pince	Schelle	braçadeira	abrazadera



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

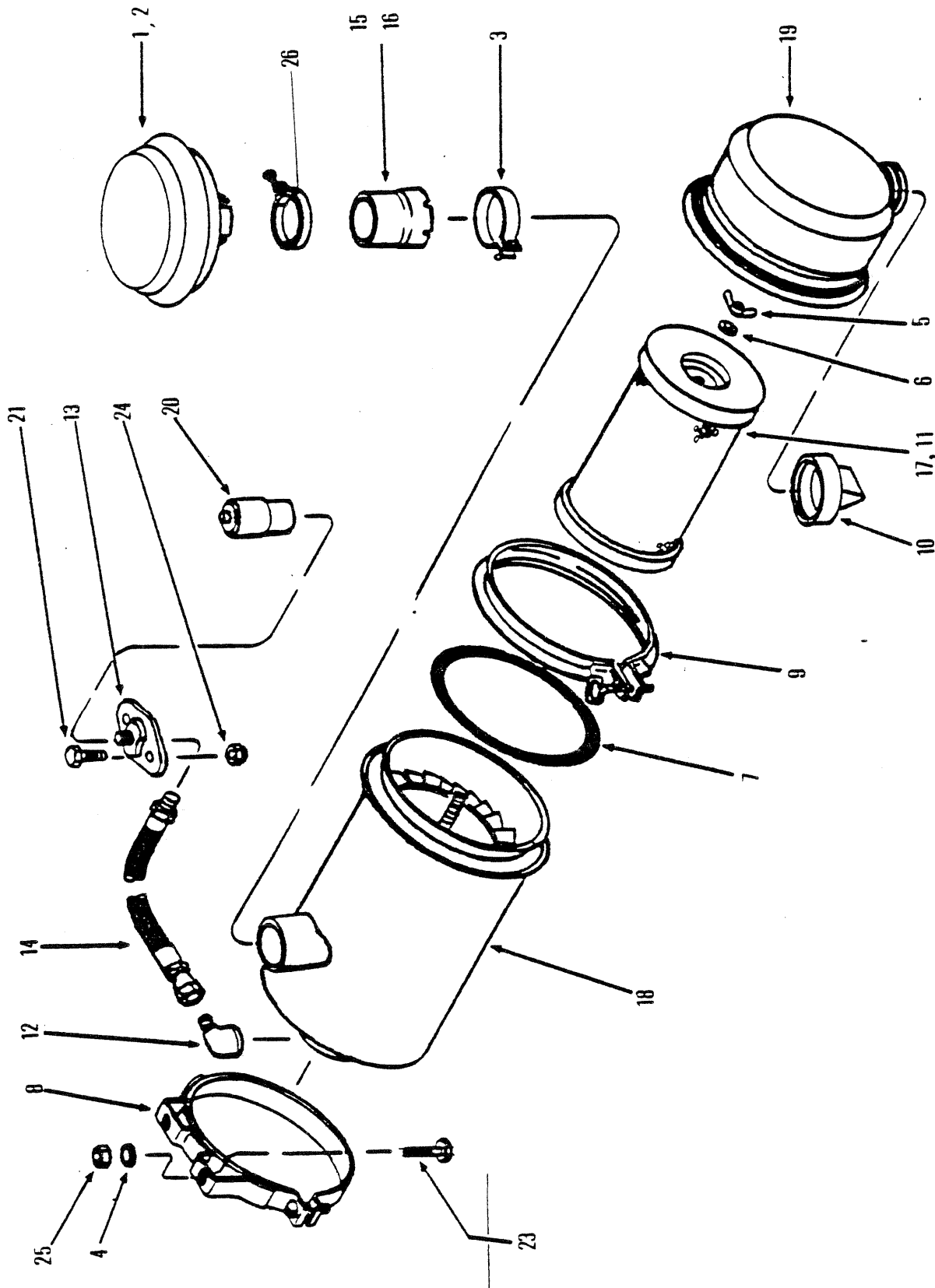
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	515424	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	515425	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	43H001450	4	Clamp	pince	Schelle	braçadeira	abrazadera
4	660738	4	Clamp	pince	Schelle	braçadeira	abrazadera
5	1905392	1	Tube	tube	Rohr	tubo	tubo
6	1908326	2	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
7	1908349	1	Tube RH	tube CD	Rohr R	tubo LD	tubo LD
8	†1908350	1	Tube LH	tube CG	Rohr L	tubo LE	tubo LI
9	1908768	4	Grommet	oeillet	Augenring	ilhó	arandela pasacable
10	1928445	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
11	1909439	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	7D0000006	4	Nut	écrou	Mutter	porca	tuerca
13	10F000008	1	Plug	bouchon	Stopfen	bujão	tapón
14	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
15	17C000840	4	Bolt	boulon	Bolzen	parafuso	bulón
16	17D000006	4	Nut	écrou	Mutter	porca	tuerca
17	24E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	25E000021	4	Washer	rondelle	Scheibe	arruela	arandela
19	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1530009	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
1	509763	2	Band	bande	Band	banda	banda
2	544609	1	Clamp	pince	Schelle	braçadeira	abrazadera
3	886526	1	Nut	écrou	Mutter	porca	tuerca
4	886527	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	944404	1	O-ring	joint torique	O Ring	anel-O	anillo-O
6	944810	1	Clamp	pince	Schelle	braçadeira	abrazadera
7	946860	1	Valve, vacuator	soupape exhausteur	Ventilabfluss	válvula evacuação	válvula e
8	960243	1	Element	élément	Element	elemento	elemento
9	946898	1	Baffle	défecteur	Deflektor	defletor	deflector
10	946899	1	Cup assy	cuvette ens	Schale vollst	capa conj	cubeta conj
11	1529625	1	Indicator	indicateur	Messer	indicador	indicador
12	60F000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
13	1901972	1	Flange	bride	Flansch	flange	brida
14	1904799	1	Cap	chapeau	Kappe	tampa	tapa
15	1904870	1	Tube	tube	Rohr	tubo	tubo
16	1911724	1	Safety element	elment de scurit	Sicherheitselement	elemento segurança	elem seguridad
17	3150709	1	Pre-cleaner	pré-nettoyeur	Vorfilter	pre-limpador	pre-depurador
18	3293198	1	Body	carrosserie	Karosserie	carroçria	carroceria
19	8H000006	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	17D000003	4	Nut	écrou	Mutter	porca	tuerca
21	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
23	25F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	60D000004	2	Nut	écrou	Mutter	porca	tuerca

† Inc 3 → 10, 16 & 18



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1901718	1	Air cleaner assy	filtre à air, ens	Luftfilter, vollst	purificador ar conj	depurador aire conj
1	2511512	1	Cap	chapeau	Kappe	tampa	tapa
2	514279	1	Pre-cleaner	pré-nettoyeur	Vorfilter	pre-limpador	pre-depurador
3	583270	1	Clamp	pince	Schelle	braçadeira	abrazadera
4	664422	4	Washer	rondelle	Scheibe	arruela	arandela
5	886526	1	Nut	écrou	Mutter	porca	tuerca
6	886527	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	892833	1	O-ring	joint torique	O Ring	anel-O	anillo-O
8	941474	2	Band	bande	Band	banda	banda
9	945060	1	Clamp assy	pince ens	Schelle vollst	conj braçadeira	conj abrazadera
10	946860	1	Valve, vacuator	soupape exhausteur	Ventilabfluss	válvula evacuação	válvula e
11	993689	1	Safety element	elment de scurit	Sicherheitselement	elemento segurança	elem seguridad
12	85F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
13	1901972	1	Flange	bride	Flansch	flange	brida
14	1904243	1	Hose	tuyau flexible	Schlauch	mangueira	manquera
15	1904927	1	Tube	tube	Rohr	tubo	tubo
16	1911718	1	Tube	tube	Rohr	tubo	tubo
17	1990248	1	Element	elément	Element	elemento	elemento
18	1990249	1	Body	carrosserie	Karosserie	carroçria	carroceria
19	1990250	1	Cup	cuvette	Schale	capa	cubeta
20	6515007	1	Indicator	indicateur	Messer	indicador	indicador
21	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000516	4	Bolt	boulon	Bolzen	parafuso	bulón
23	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
24	17D000001	2	Nut	écrou	Mutter	porca	tuerca
25	17D000002	4	Nut	écrou	Mutter	porca	tuerca
26	3S-----	1	Clamp	pince	Schelle	braçadeira	abrazadera
27	23E000006	1	Washer	rondelle	Scheibe	arruela	arandela

¹ Inc 5→7, 9→11, 17→19 & 22

² Inc 26

³ See 1

³ Voir 1

³ Siehe 1

³ Veja 1

³ Véase 1

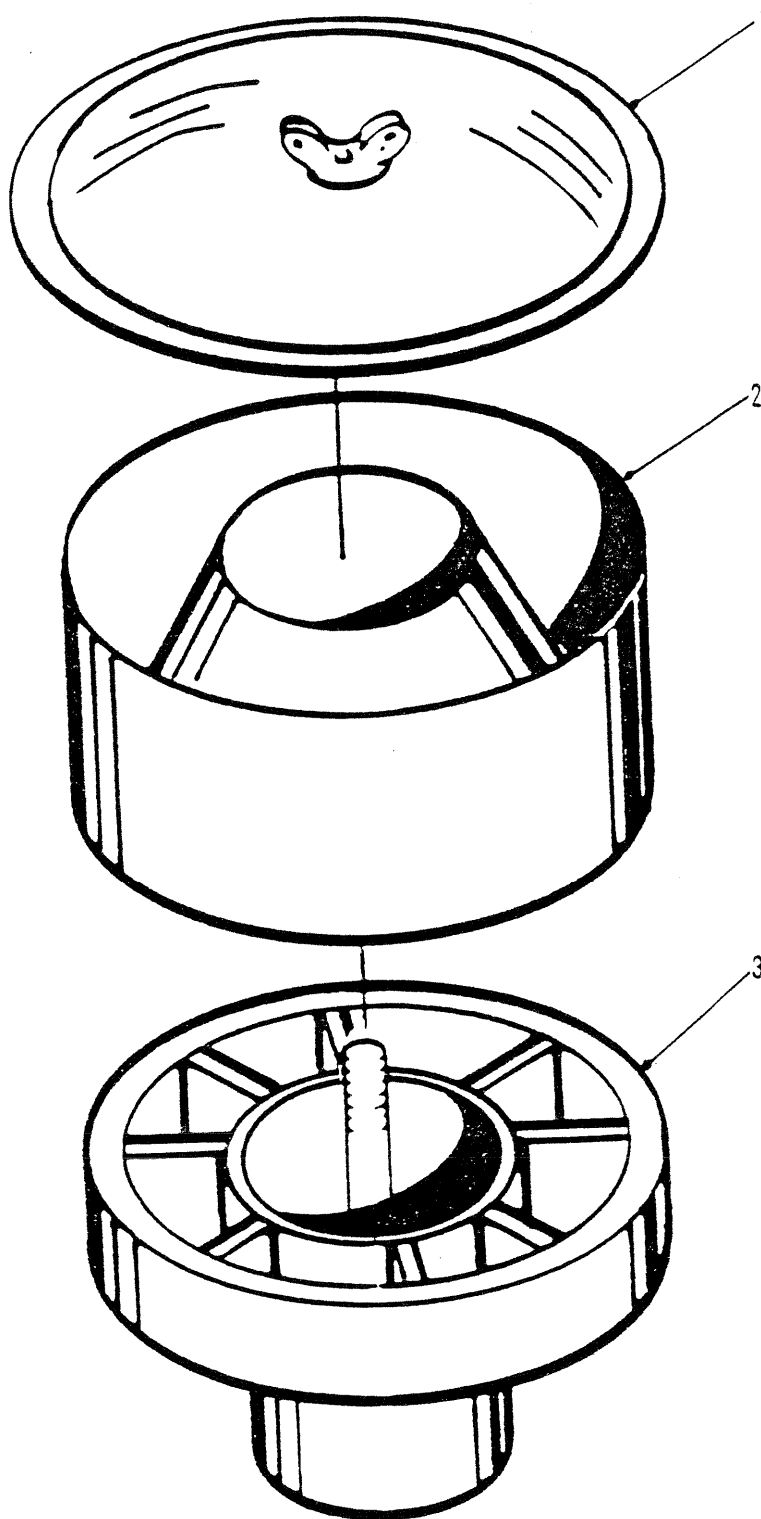
⁴ Pre-cleaner

⁴ pré-nettoyeur

⁴ Vorfilter

⁴ pre-limpador

⁴ pre-depurador



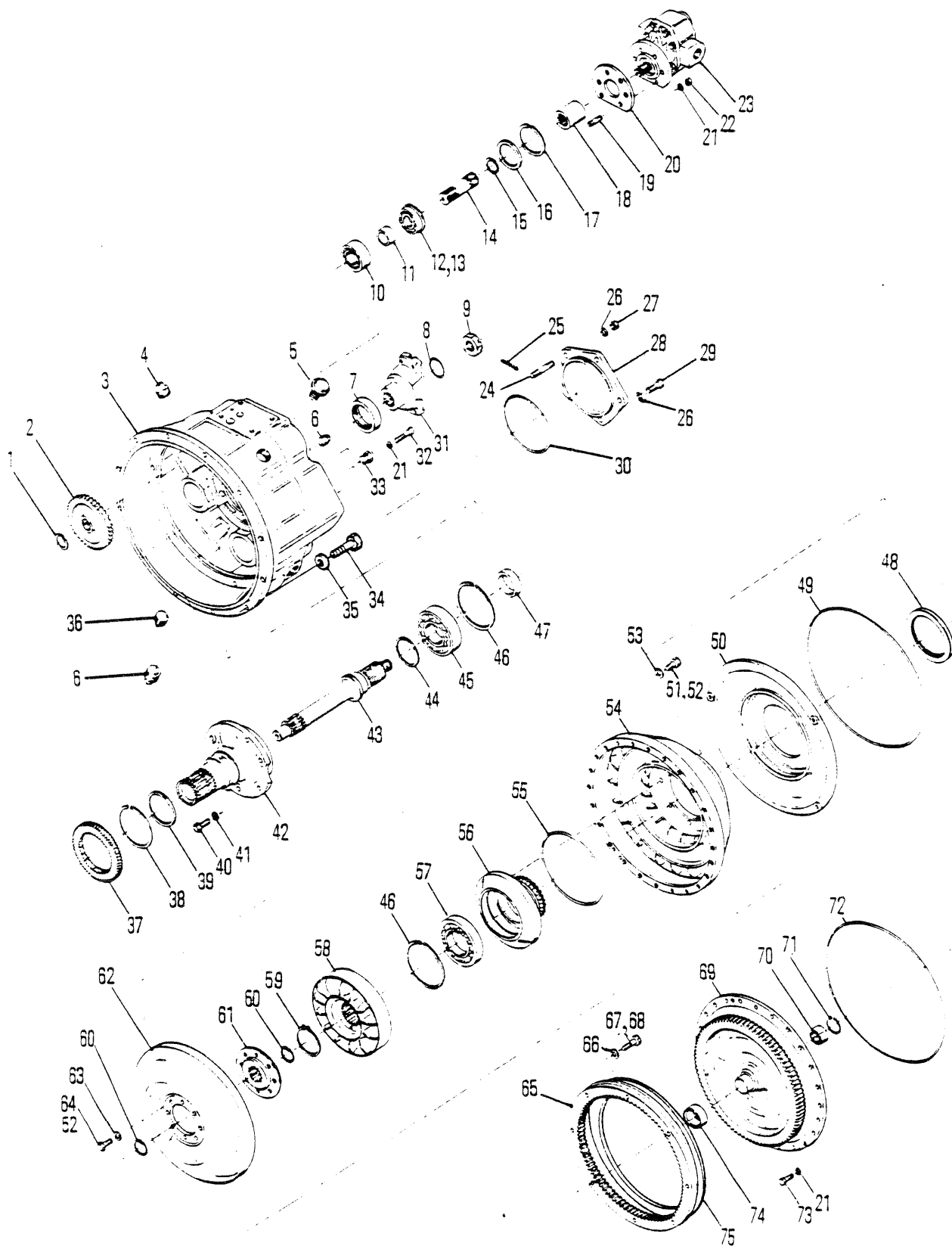
5178TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	13150709	1	Pre-cleaner assy	pre-nettoyeur ens	Vorfilter vollst	conj pre-limpador	conj pre-depurador
1	1990638	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
2	1990639	1	Body	carrosserie	Karosserie	carroçria	carroceria
3	1990640	1	Adapter assy	ens adaptateur	Zwischenstück vollst	conj adaptador	conj adaptador

1 Inc 1,2 & 3

RANGER



5243TP

**CONVERTER ASSEMBLY
CONVERTISSEUR, ENSEMBLE
DREHMOMENTWANDLER, VOLLSTÄNDIG
CONVERSOR, CONJUNTO
CONVERTIDOR, CONJUNTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	284054	1	Torque converter	convert de couple	Drehmomentwandler	conversor de torque	convtdor torsión
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	214981	1	Housing assy	boitier ens	Gehuse vollst	carcaça conj	carcasa conj
4	13F000016	3	Plug	bouchon	Stopfen	bujão	tapón
5	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
6	16F000008	2	Plug	bouchon	Stopfen	bujão	tapón
7	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
8	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
9	201951	1	Nut	écrou	Mutter	porca	tuerca
10	214936	2	Bearing	palier	Lager	mancal	cojinete
11	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	214954	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
13	214956	2	Bearing	palier	Lager	mancal	cojinete
14	214928	2	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor
15	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
16	214929	2	Washer	rondelle	Scheibe	arruela	arandela
17	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
18	214961	1	Sleeve	manchon	Muffe	luva	manguito
19	207647	6	Stud	goujon	Stift	prisioneiro	espárrago
20	235961	1	Gasket	garniture	Dichtung	gaxeta	empacotadura
21	4E000006	33	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	8D000006	6	Nut	écrou	Mutter	porca	tuerca
23	450230	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
24	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
25	1F000424	1	Pin	goupille	Stift	pino	pasador
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	Bolt	boulon	Bolzen	parafuso	bulón
30	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
31	214987	1	Flange output	bride sortie	Flansch Ausgangs	flange saída	platina saída
32	1C000628	3	Bolt	boulon	Bolzen	parafuso	bulón
33	40K000002	3	Plug	bouchon	Stopfen	bujão	tapón
34	17C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
35	24E000006	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	40K000016	1	Plug	bouchon	Stopfen	bujão	tapón
37	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
38	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
39	2801984	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

¹ Inc. 74

² Inc. 237242 ring and 237243 spring
² Compren anneau 237242 et ressort 237243

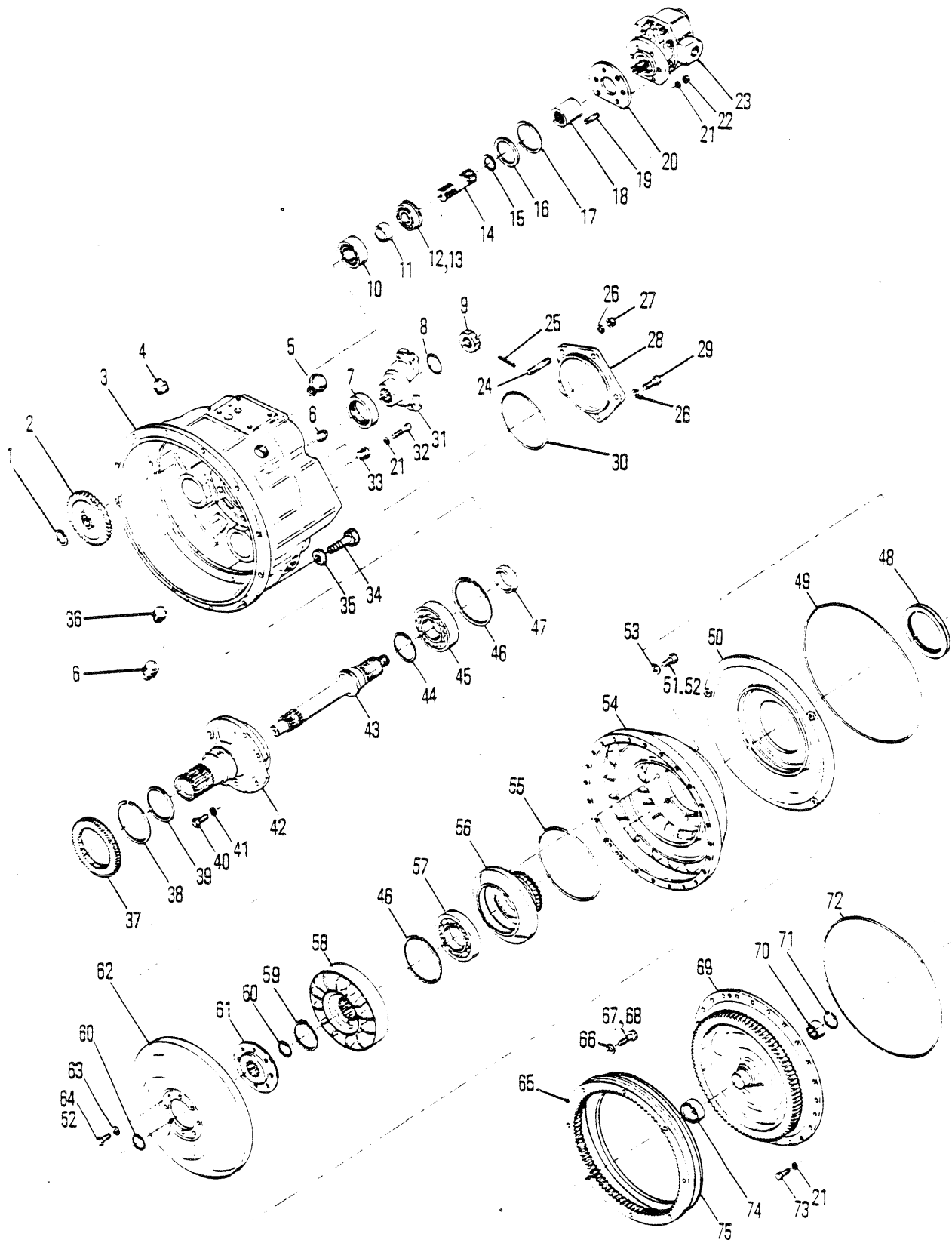
² Hatte Ring 237242 und Feder 237243

² Incl. o anel 237242 et a mola 237243

² Inc. anillos 237242 y resortes 237243

³ Inc. 1→64, 69→73, 76→80

RANGER



5243TP

CONVERTER ASSEMBLY
CONVERTISSEUR, ENSEMBLE
DREHMOMENTWANDLER, VOLLSTÄNDIG
CONVERSOR, CONJUNTO
CONVERTIDOR, CONJUNTO

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
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	235593	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
49	232535	1	O-ring	joint torique	O Ring	anel-O	anillo-O
50	214925	1	Oil baffle	défecteur huile	Ideflektor	defletor óleo	deflector aceite
51	4C000714	8	Screw	vis	Schraube	parafuso	tornillo
52	28H000018	9	Lockwire	fil blocage	Sicherungsdraht	fio segurança	alambre seguridad
53	619025	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
54	216362	1	Impeller	impulseur	Pumprad	impulsor	impulsor
55	60K040616	1	O-ring	joint torique	O Ring	anel-O	anillo-O
56	214958	1	Hub	moyeu	Nabe	cubo	cubo
57	214596	1	Bearing	palier	Lager	mancal	cojinete
58	801608	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	240467	1	Turbine	turbine	Turbine	turbina	turbina
63	619023	1	Washer	rondelle	Scheibe	arruela	arandela
64	209313	8	Screw	vis	Schraube	parafuso	tornillo
65	233089	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
66	215909	16	Washer	rondelle	Scheibe	arruela	arandela
67	233092	16	Bolt	boulon	Bolzen	parafuso	bulón
68	236938	32	Bolt	boulon	Bolzen	parafuso	bulón
69	801524	1	Cover	couvercle	Deckel	tampa	tapa
70	214988	1	Bearing	palier	Lager	mancal	cojinete
71	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
72	60K041200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
73	1C000616	24	Bolt	boulon	Bolzen	parafuso	bulón
74	222006	1	Sleeve	manchon	Muffe	luva	manguito
75	236937	1	Ring	anneau	Ring	anel	anillo
76	†207873	2	Screw	vis	Schraube	parafuso	tornillo
77	†220725	1	Name plate	plaque du constructr	Namensschild	placa do nome	placa de nombre
78	†223124	1	Cover	couvercle	Deckel	tampa	tapa
79	†223125	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
80	†5C000612	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc. 74

² Inc. 237242 ring and 237243 spring

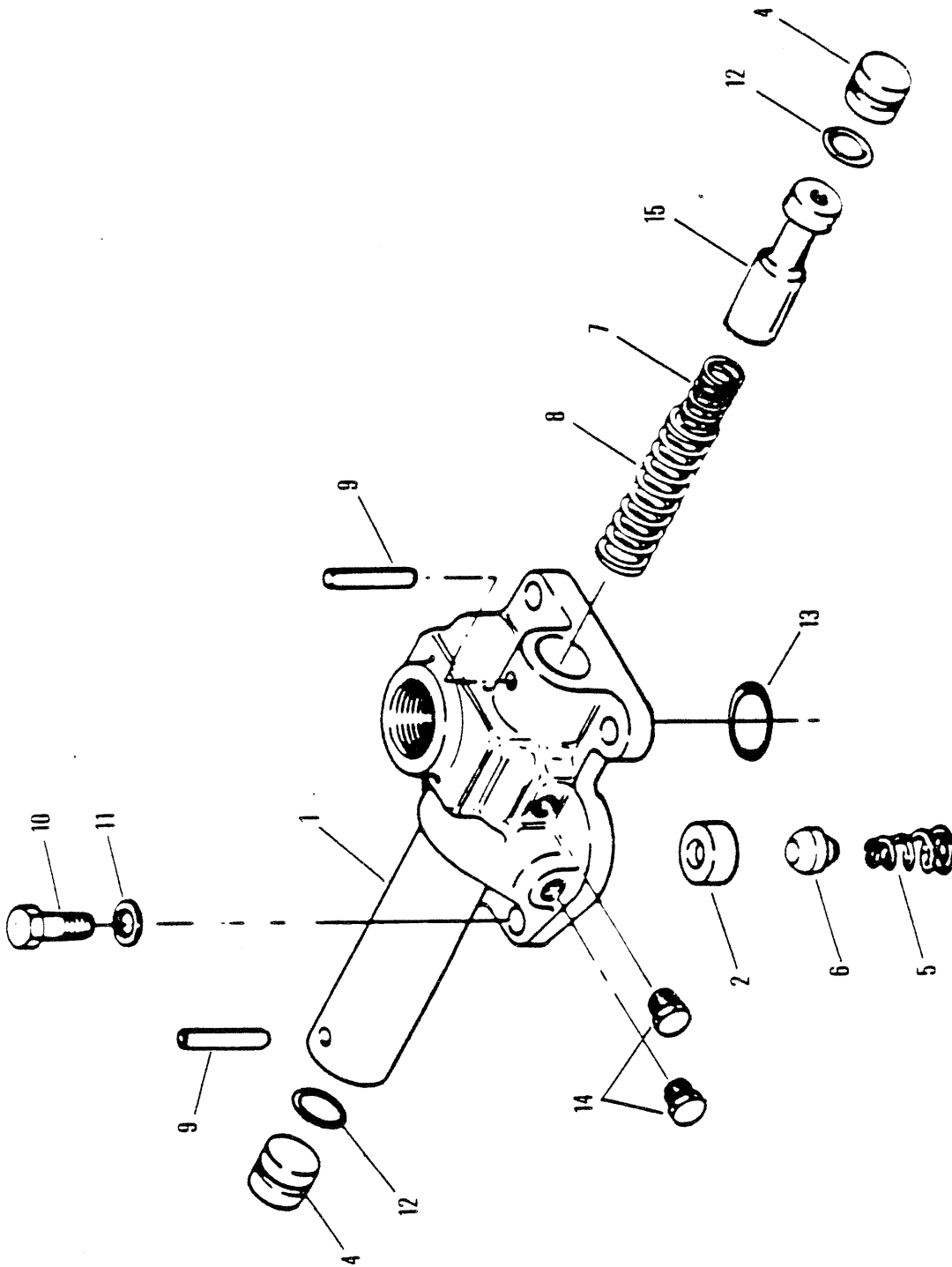
² Comprend anneau 237242 et ressort 237243

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. 1→64, 69→73, 76→80



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	2S-----	1	Valve body	corps soupape	Ventil Körper	corpo válvula	cuerpo válvula
2	214946	1	Seat	sige	Sitz	assento	asiento
3	†214949	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	2S-----	1	Piston	piston	Kolben	pistão	pistón

¹ Inc 1, 2, 4, 9, 12 & 15

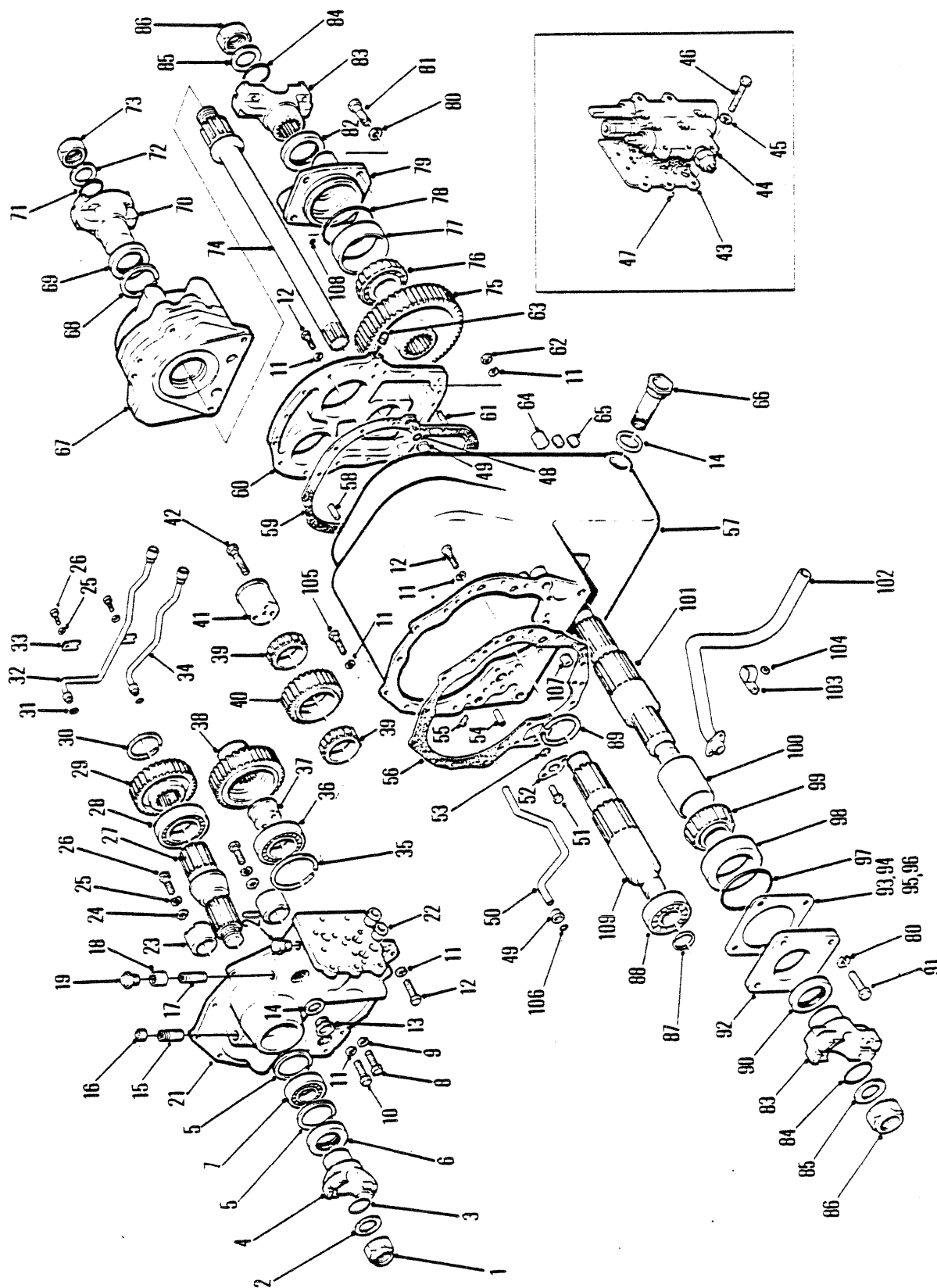
² See A

² Voir A

² Siehe A

² Veja A

² Véase A



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
A	1283402	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	bride	Flansch	flange	brida
5	223901	2	Ring	anneau	Ring	anel	anillo
6	231798	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	225603	2	Bearing	palier	Lager	mancal	cojinete
8	4C0000720	2	Bolt	boulon	Bolzen	parafuso	bulón
9	743039	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	1C0000744	4	Bolt	boulon	Bolzen	parafuso	bulón
11	4E0000007	33	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	1C0000720	23	Bolt	boulon	Bolzen	parafuso	bulón
13	219370	1	Plug	bouchon	Stopfen	bujão	tapón
14	219373	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
15	5K0000820	1	Nipple	raccord	Nippel	niple	niple
16	22F000006	1	Cap	chapeau	Kappe	tampa	tapa
17	5K0000308	1	Nipple	raccord	Nippel	niple	niple
18	75F000003	1	Coupling	accouplement	Kupplung	acoplamento	acople
19	238535	1	Air breather	souffleur dair	Luftansauger	respiradouro	respirador de aire
20	13F000016	3	Plug	bouchon	Stopfen	bujão	tapón
21	231630	1	Cover	couvercle	Deckel	tampa	tapa
22	222067	2	Sleeve	manchon	Muffe	luva	manguito
23	237576	2	Sleeve	manchon	Muffe	luva	manguito
24	230851	2	Lock	serrure	Schloss	fechadura	cerradura
25	4E0000005	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
26	1C0000510	4	Bolt	boulon	Bolzen	parafuso	bulón
27	231782	1	Shaft	arbre	Welle	ávore	árbol
28	241684	1	Bearing	palier	Lager	mancal	cojinete
29	233701	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
30	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
31	25K030012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
32	231629	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
33	231058	2	Clip	attache	Schelle	braçadeira	abrazadera
34	231628	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
35	223925	1	Ring	anneau	Ring	anel	anillo
36	225601	1	Bearing	palier	Lager	mancal	cojinete
37	231636	1	Shaft	arbre	Welle	ávore	árbol
38	231635	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
39	231624	2	Race&Rollr assy	ass can et roul	Laufrieg&Rollen e	con e ci roletes	cj pista y rod
40	231633	1	Idler gear	pignon fou	Zwischenzahnrad	pinhão louco	engranaje loco
41	234864	1	Shaft	arbre	Welle	ávore	árbol
42	3C0000740	3	Bolt	boulon	Bolzen	parafuso	bulón
43	234663	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
44	○-----	1	Control valve	soupape de contrôle	Steuventil	váv de contr	valv de control
45	4E0000006	31	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

1 Inc 1→109

2 Inc. 11, 49→56, 102 & 103

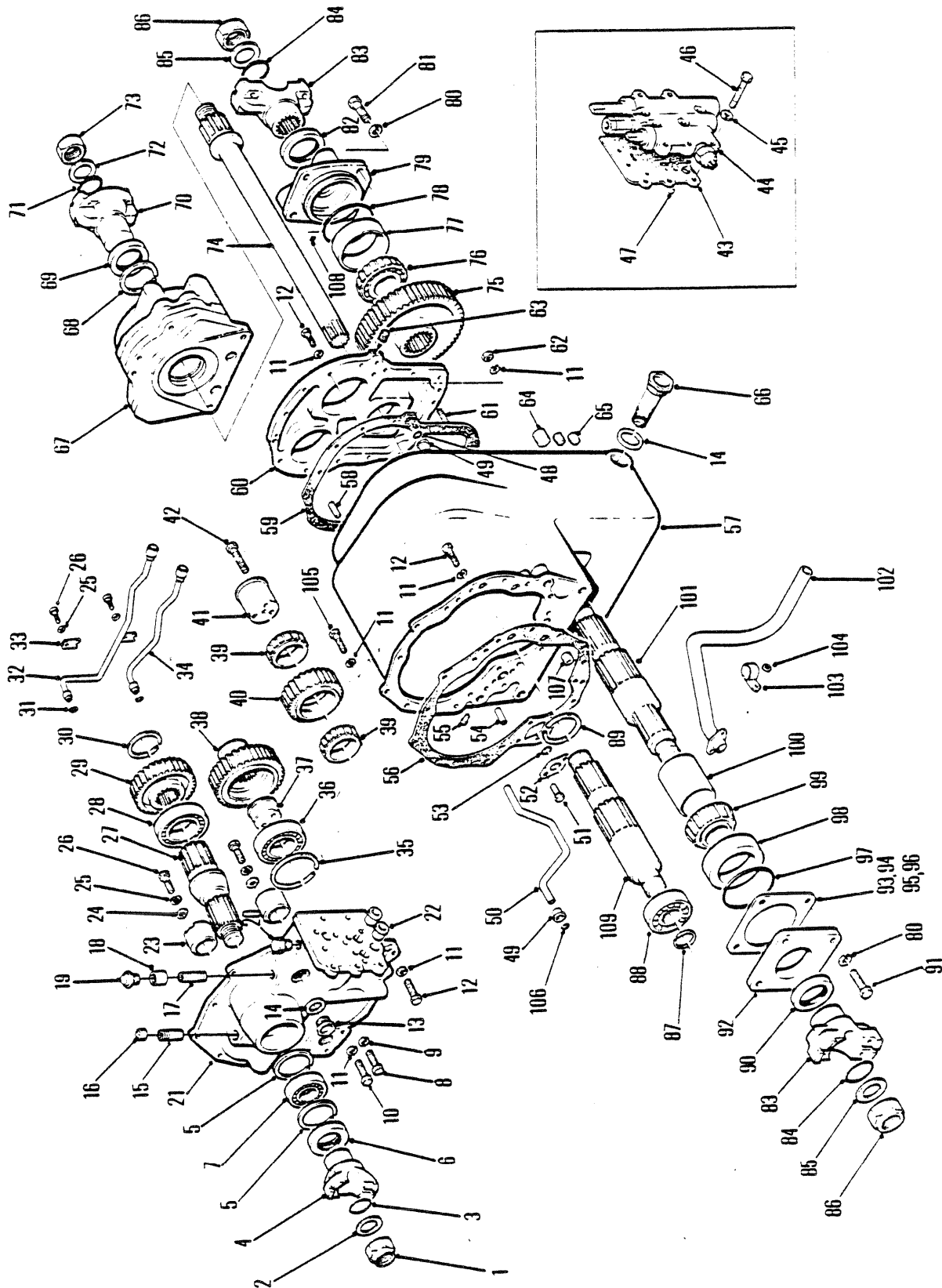
3 235529 Kit Inc 83→86

3 235529 jeu comprend 83→86

3 235529 Satz Einschl. 83→86

3 235529 jogo incl. 83→86

3 235529 juego inc. 83→86



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	1C0000632	18	Bolt	boulon	Bolzen	parafuso	bulón
47	10J000012	2	Detent ball	bille de détente	Arretierkugel	bola de detenção	detén bola
48	25K040026	2	O-ring	joint torique	O Ring	anel-O	anillo-O
49	222067	2	Sleeve	manchon	Muffe	luva	manguito
50	230900	1	Tube	tube	Rohr	tubo	tubo
51	4C0000514	2	Bolt	boulon	Bolzen	parafuso	bulón
52	230921	1	Washer	rondelle	Scheibe	arruela	arandela
53	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
54	214295	2	Pin	goupille	Stift	pino	pasador
55	1H0000418	1	Rivet	rivet	Niet	rebite	remache
56	231606	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
57	231611	1	Trans case	carter de trans	Getriebegehäuse	caixa de transmis	caja transmisión
58	214118	2	Pin	goupille	Stift	pino	pasador
59	242408	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
60	231230	1	Cover	couvercle	Deckel	tampa	tapa
61	200991	2	Stud	goujon	Stift	prisioneiro	espárrago
62	2D0000007	2	Nut	écrou	Mutter	porca	tuerca
63	16F000002	2	Plug	bouchon	Stopfen	bujão	tapón
64	12F000012	1	Plug	bouchon	Stopfen	bujão	tapón
65	40K000004	2	Plug	bouchon	Stopfen	bujão	tapón
66	231390	1	Screen assy	ensemble écran	Gittereinheit	conj de tela	conj pantalla
67	0-----	-	Hydraulic brake	frein hydraulique	Hydraulische Bremse	freio hidraulico	freno hidraulico
68	223862	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
69	206864	1	Seal	joint étanchéité	Dichtung	vedador	sello
70	231553	1	Flange	bride	Flansch	flange	brida
71	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
72	102745	1	Washer	rondelle	Scheibe	arruela	arandela
73	216058	1	Nut	écrou	Mutter	porca	tuerca
74	237725	1	Shaft	arbre	Welle	ávore	árbol
75	233652	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
76	1315447	1	Cone	cône	Kegel	cone	cono
77	742240	1	Cup	cuvette	Schale	capa	cubeta
78	25K040412	1	O-ring	joint torique	O Ring	anel-O	anillo-O
79	231817	1	Cap	chapeau	Kappe	tampa	tapa
80	4E0000009	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
81	1C0000928	4	Bolt	boulon	Bolzen	parafuso	bulón
82	225823	2	Seal	joint étanchéité	Dichtung	vedador	sello
83	231749	2	Flange	bride	Flansch	flange	brida
84	25K060116	2	O-ring	joint torique	O Ring	anel-O	anillo-O
85	222179	2	Washer	rondelle	Scheibe	arruela	arandela
86	222960	2	Nut	écrou	Mutter	porca	tuerca
87	224083	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
88	743439	1	Bearing	palier	Lager	mancal	cojinete
89	224065	1	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
90	230954	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite

1 Inc 1 → 109

2 Inc. 11, 49 → 56, 102 & 103

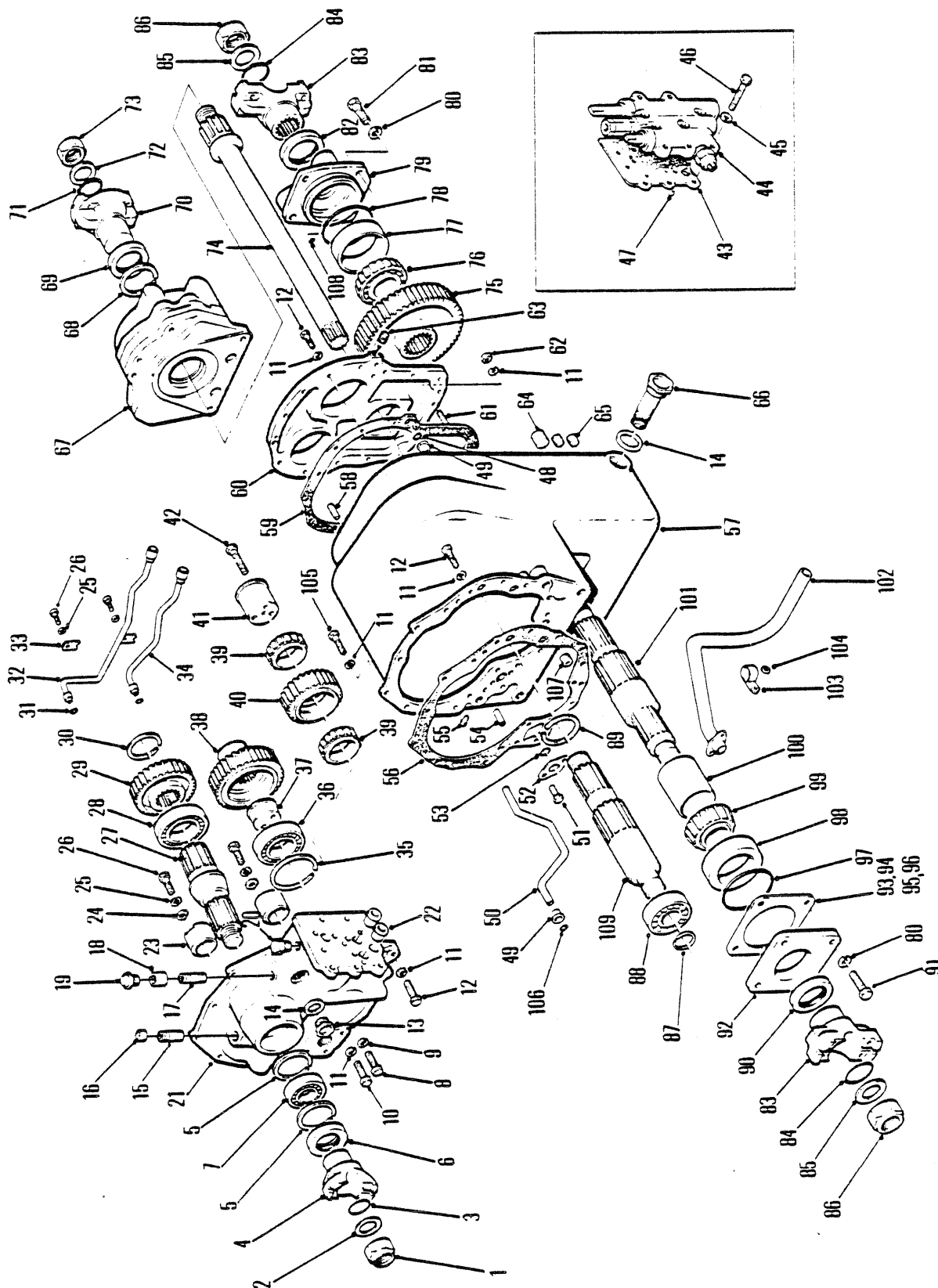
3 235529 Kit Inc 83 → 86

3 235529 jeu comprend 83 → 86

3 235529 Satz Einschl. 83 → 86

3 235529 jogo incl. 83 → 86

3 235529 juego inc. 83 → 86



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

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
91	1C0000920	4	Bolt	boulon	Bolzen	parafuso	bulón
92	231818	1	Bearing cap	couvercle de roul	Lagerkappe	capa do rolamento	tapa del cojinete
93	231848	1	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
94	231849	1	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
95	231850	1	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
96	231851	1	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
97	25K040400	1	O-ring	joint torique	O Ring	anel-O	anillo-O
98	666697	1	Cup	cuvette	Schale	capa	cubeta
99	1314713	1	Cone	cône	Kegel	cone	cono
100	231405	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
101	231406	1	Shaft output	arbre sortie	Welle Leistungs	eixo saída	eje salida
102	234836	1	Tube	tube	Rohr	tubo	tubo
103	6H0000036	1	Clip	attache	Schelle	braçadeira	abrazadera
104	619018	1	Washer	rondelle	Scheibe	arruela	arandela
105	1C0000728	4	Bolt	boulon	Bolzen	parafuso	bulón
106	25K040024	1	O-ring	joint torique	O Ring	anel-O	anillo-O
107	215757	1	Plug	bouchon	Stopfen	bujão	tapón
108	25K030026	1	O-ring	joint torique	O Ring	anel-O	anillo-O
109	231695	1	Idler shaft	arbre fou	Leerlaufwelle	eixo louco	eje loco

¹ Inc 1 → 109

² Inc. 11, 49 → 56, 102 & 103

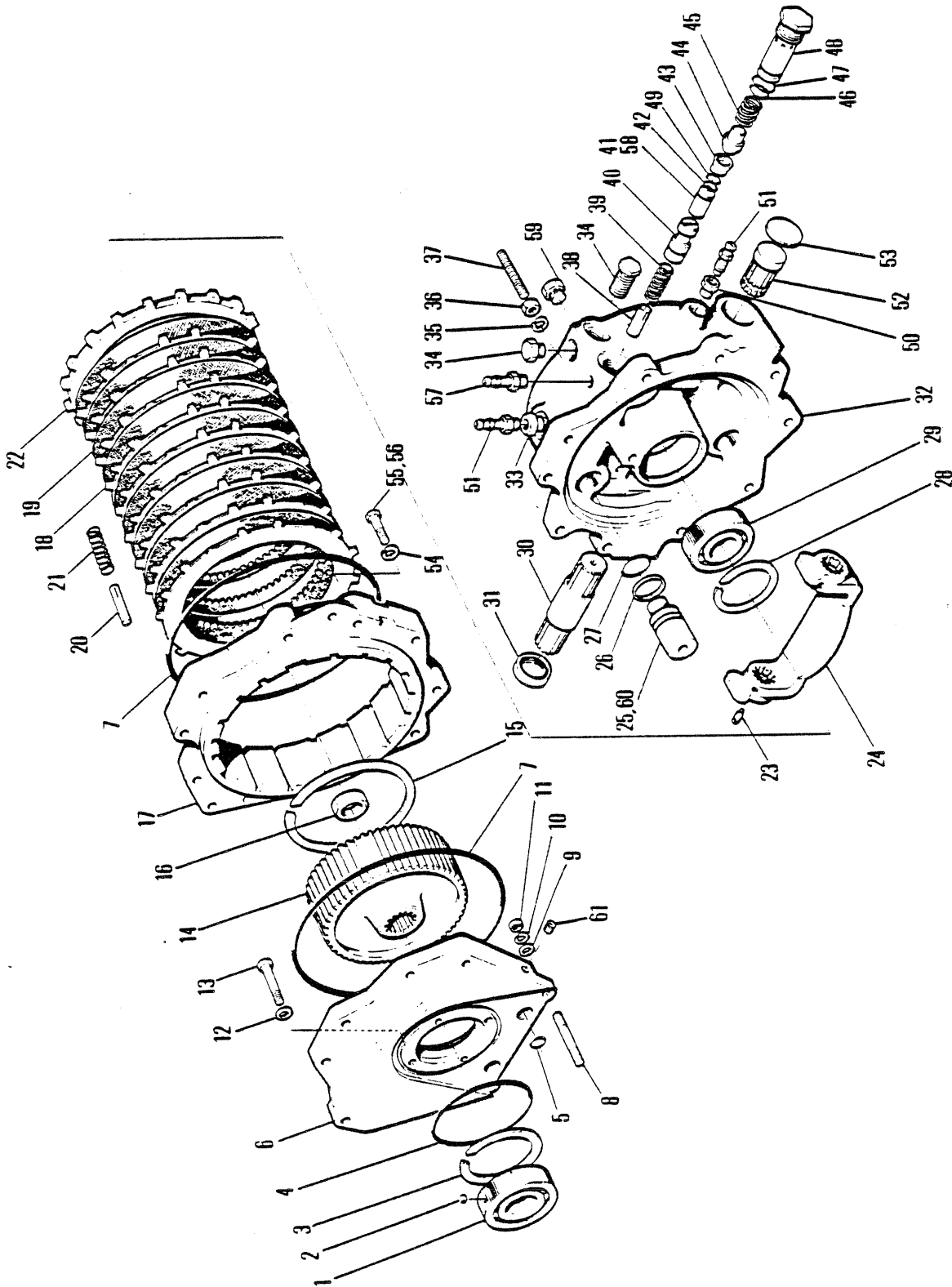
³ 235529 Kit Inc 83 → 86

³ 235529 jeu comprend 83 → 86

³ 235529 Satz Einschl. 83 → 86

³ 235529 jogo incl. 83 → 86

³ 235529 juego inc. 83 → 86



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

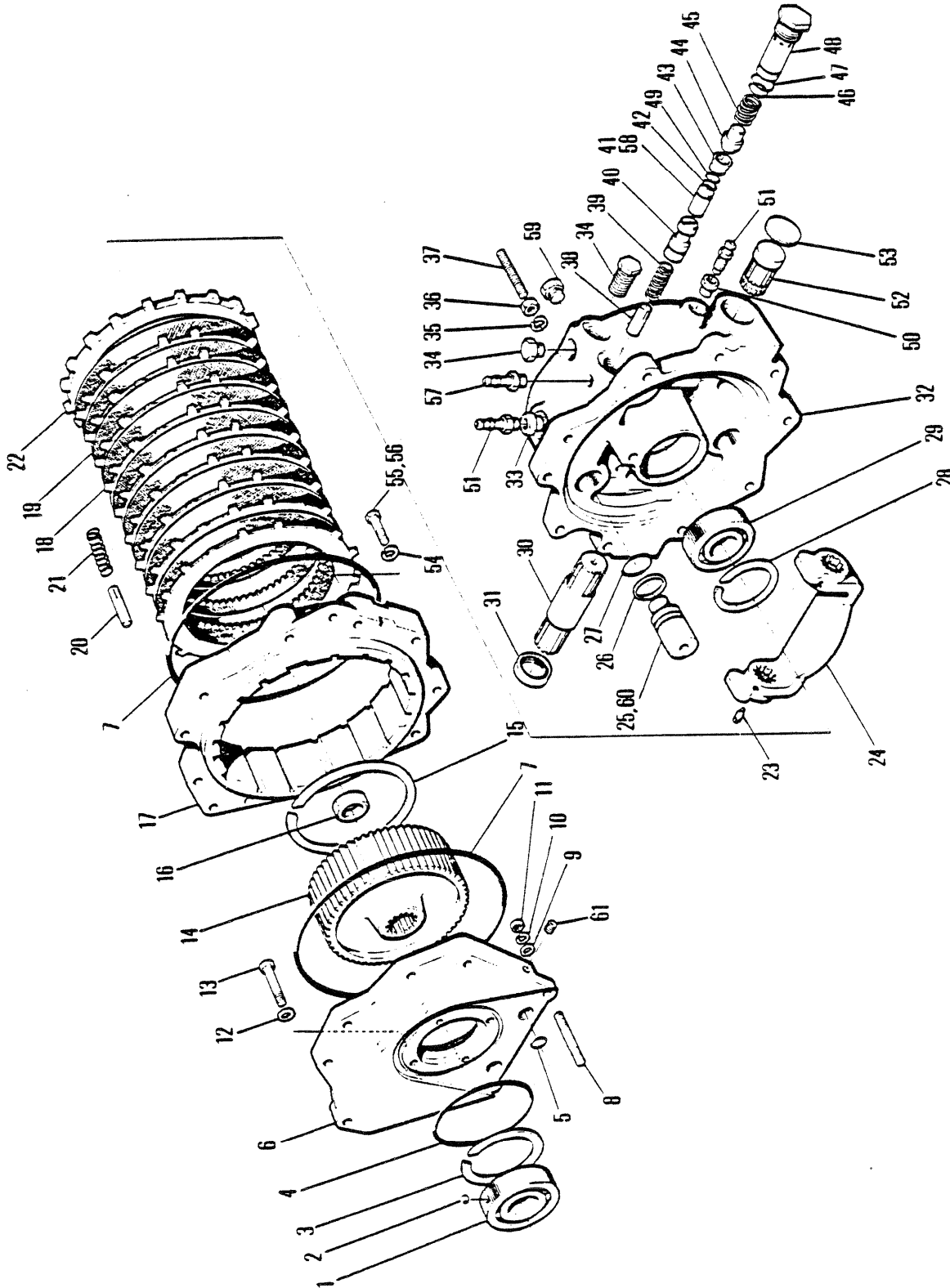
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	231741	1	Hyd brk&viv assy	ass fr hy et sou	Hydr Brems&Vent E	freo hid e cj válv	conj frn hi vla
B	231752	1	Hyd brake assy	frein hydraulique ens	Hydraulikbrmse vollst	freio hidráulic conj	freno hidráulic conj
1	231646	1	Bearing	palier	Lager	mancal	cojinete
2	10J000015	1	Ball	bille	Kugel	esfera	bola
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	4E0000010	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	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	710749	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	801942	1	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
42	76K000017	1	O-ring	joint torique	O Ring	anel-O	anillo-O
43	227881	1	Cup	cuvette	Schale	capa	cubeta
44	240979	1	Expander	expansieur	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



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

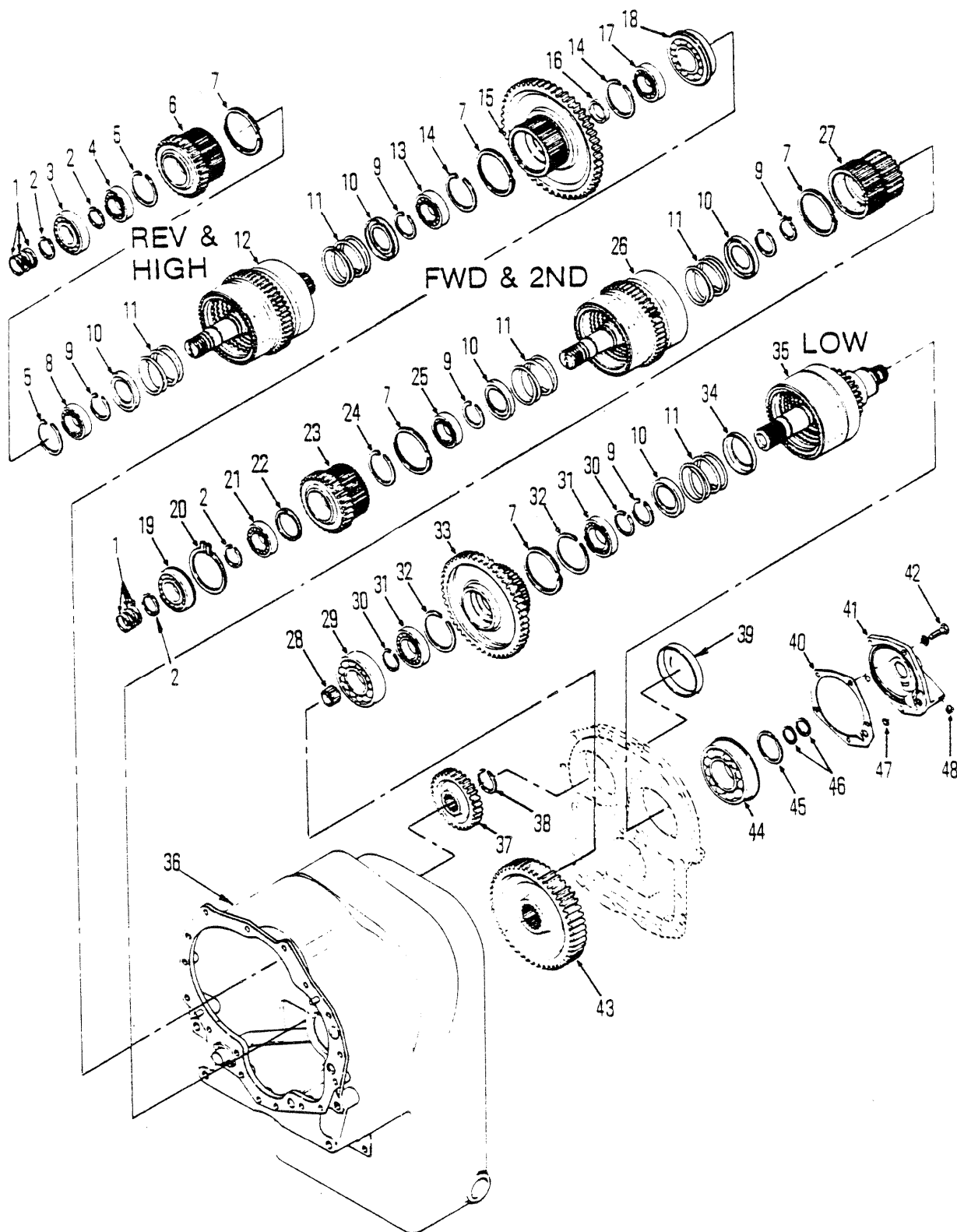
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	76K000013	1	O-ring	joint torique	O Ring	anel-O	anillo-O
47	57K000008	1	O-ring	joint torique	O Ring	anel-O	anillo-O
48	239493	1	Housing	botier	Gehuse	carcaça	carcasa
49	237331	1	Back-up ring	anneau de renfort	Stützring	anel do 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	4E0000007	12	Washer	rondelle	Scheibe	arruela	arandela
55	1C0000752	10	Screw	vis	Schraube	parafuso	tornillo
56	1C0000720	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

¹ Inc 25 → 27, 32, 33, 38 → 51 & 57

² Inc 1 → 60

³ Inc 26, 27 & 58

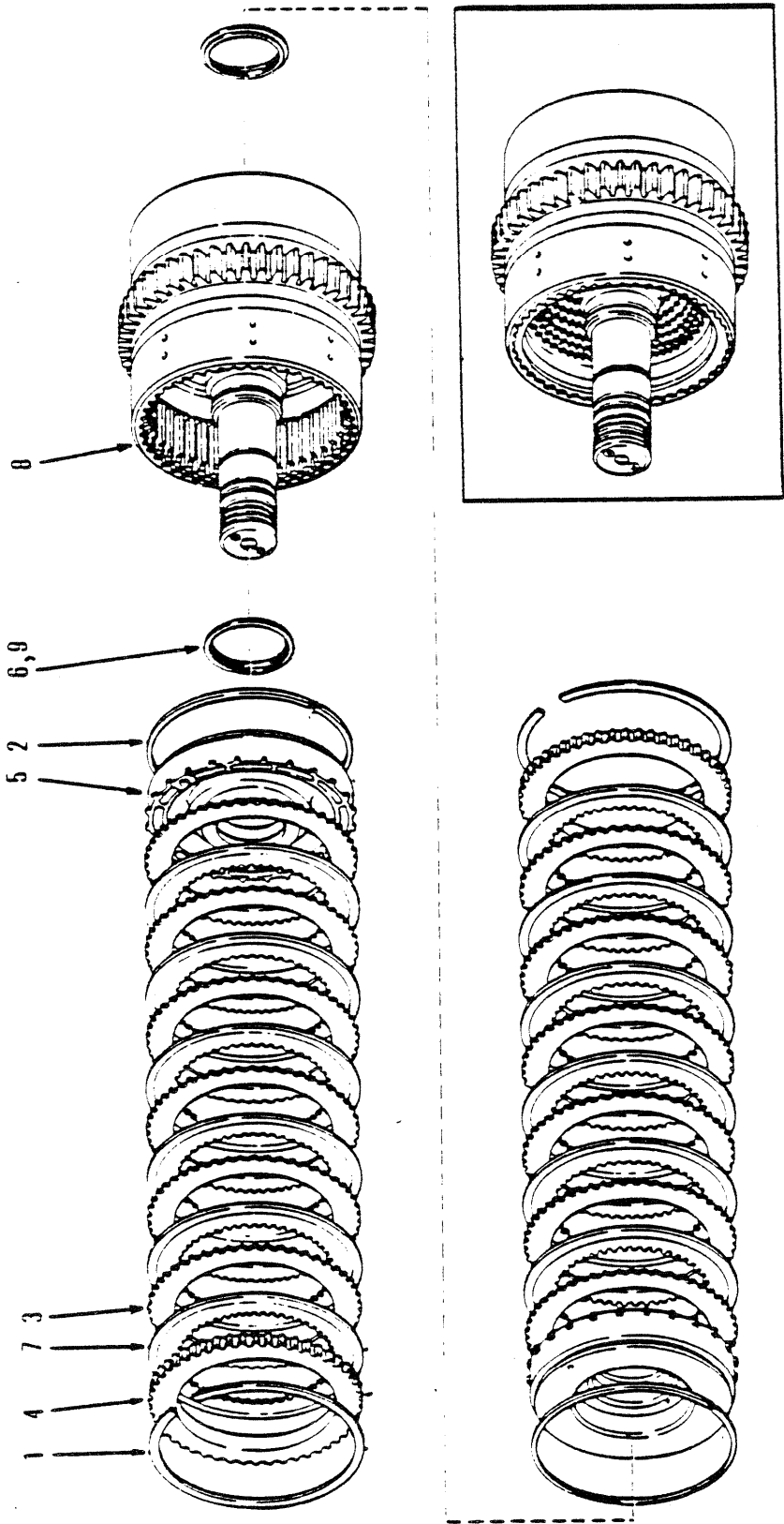
⁴ Inc 42 & 59



5286TP

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	bage darrêt	Haltering	anel retentor	anillo de retención
3	225603	1	Bearing	palier	Lager	mancal	cojinete
4	233389	1	Bearing	palier	Lager	mancal	cojinete
5	223887	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	233702	1	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	230860	1	Bearing	palier	Lager	mancal	cojinete
14	223874	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
15	232313	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
16	230906	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	233390	1	Bearing	palier	Lager	mancal	cojinete
18	658038	1	Bearing	palier	Lager	mancal	cojinete
19	223349	1	Bearing	palier	Lager	mancal	cojinete
20	230889	1	Ring retaining	bage darrêt	Haltering	anel retentor	anillo de retención
21	233488	1	Bearing	palier	Lager	mancal	cojinete
22	231647	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
23	231632	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
24	223881	1	Retaining ring	bage darrêt	Haltering	anel retentor	anillo de retención
25	710749	1	Bearing	palier	Lager	mancal	cojinete
26	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
27	239953	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
28	230886	1	Bearing	palier	Lager	mancal	cojinete
29	239742	1	Bearing	palier	Lager	mancal	cojinete
30	230888	2	Ring retaining	bage darrêt	Haltering	anel retentor	anillo de retención
31	230885	2	Bearing	palier	Lager	mancal	cojinete
32	223964	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
33	231229	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
34	232088	1	Retainer	arrêtoir	Halterung	retentor	retén
35	○-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
36	○-----	1	Case	boitier	Gehäuse	carcaça	carcasa
37	230871	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
38	224106	1	Ring retaining	bage 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 roul	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	bage 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

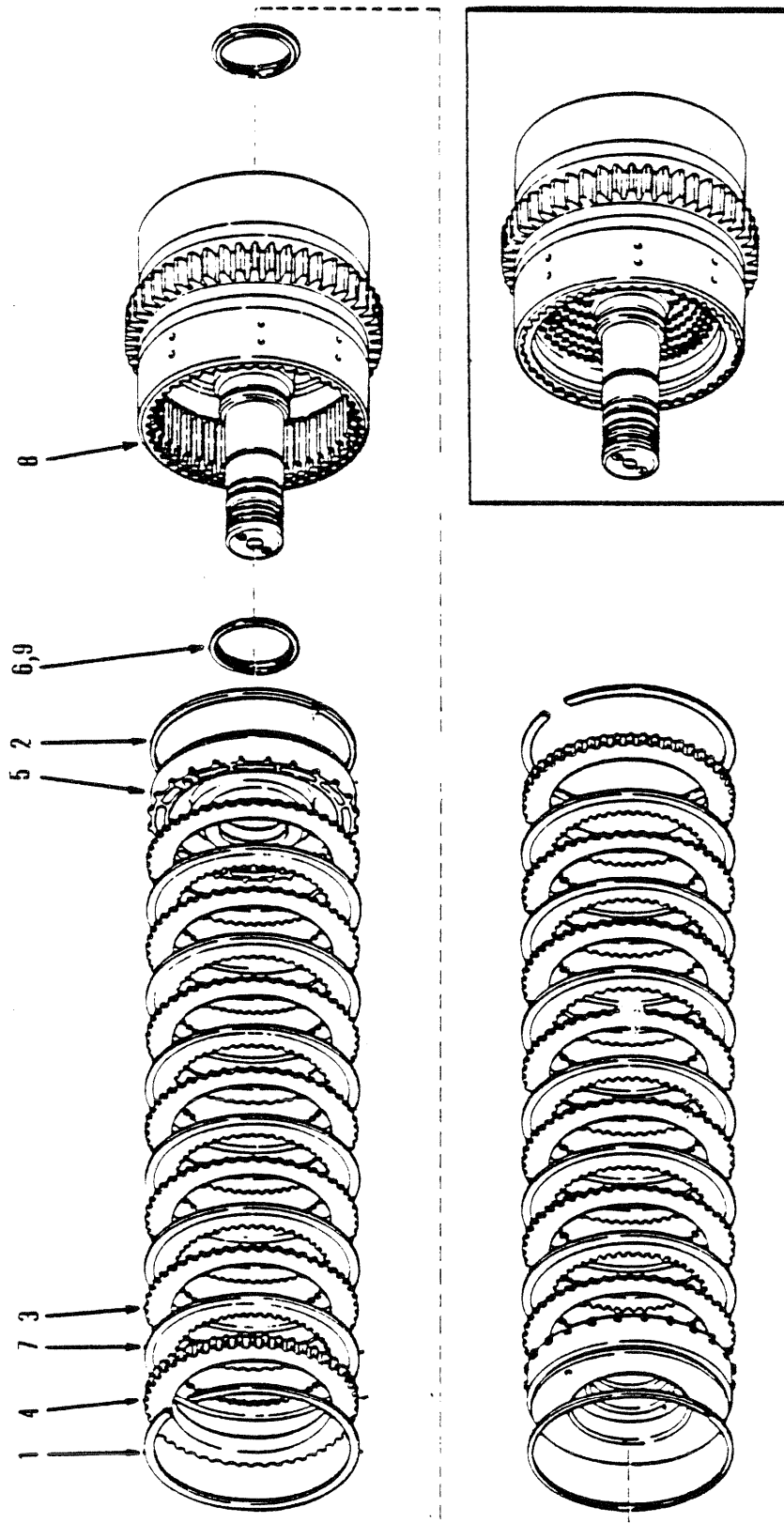


TRANSMISSION CLUTCH ASSEMBLY-FORWARD & SECOND
EMBAYAGE DE LA TRANSMISSION, MARCH AVANT ET 2E VITESSE
GETRIEBEKUPPLUNDSBRUPPE, VORWÄRTS UND 2. GANG
EMBREAGEM DE TRANSMISSÃO, À FRENTE E 2A
EMBREGUE DE LA TRANSMISIÓN, AVANCE Y 2A

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	jogo 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	ens tambour embray	Kupplgstrommel voll	conj tambor embreag	conj tambor embrag
9	242873	1	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Teflon

² Inc 9



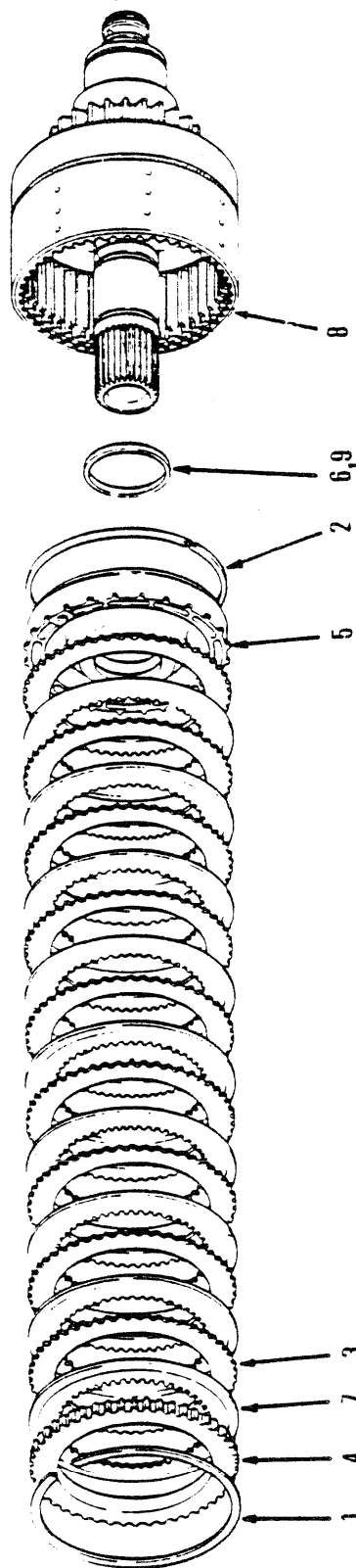
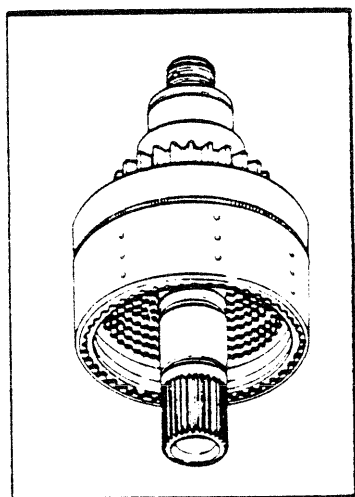
52881P

**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	Kupplungsscheibe	disco da embreagem	disco de embrague
4	224774	2	Plate	plaque	Platte	placa	placa
5	2802164	2	Piston Kit	jeu de pistons	Kolbensatz	jogo 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	235034	1	Clutch drum assy	ens tambour embray	Kupplgstrommel voll	conj tambor embreag	conj tambor embrag
9	242873	2	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Teflon

² Inc. 9

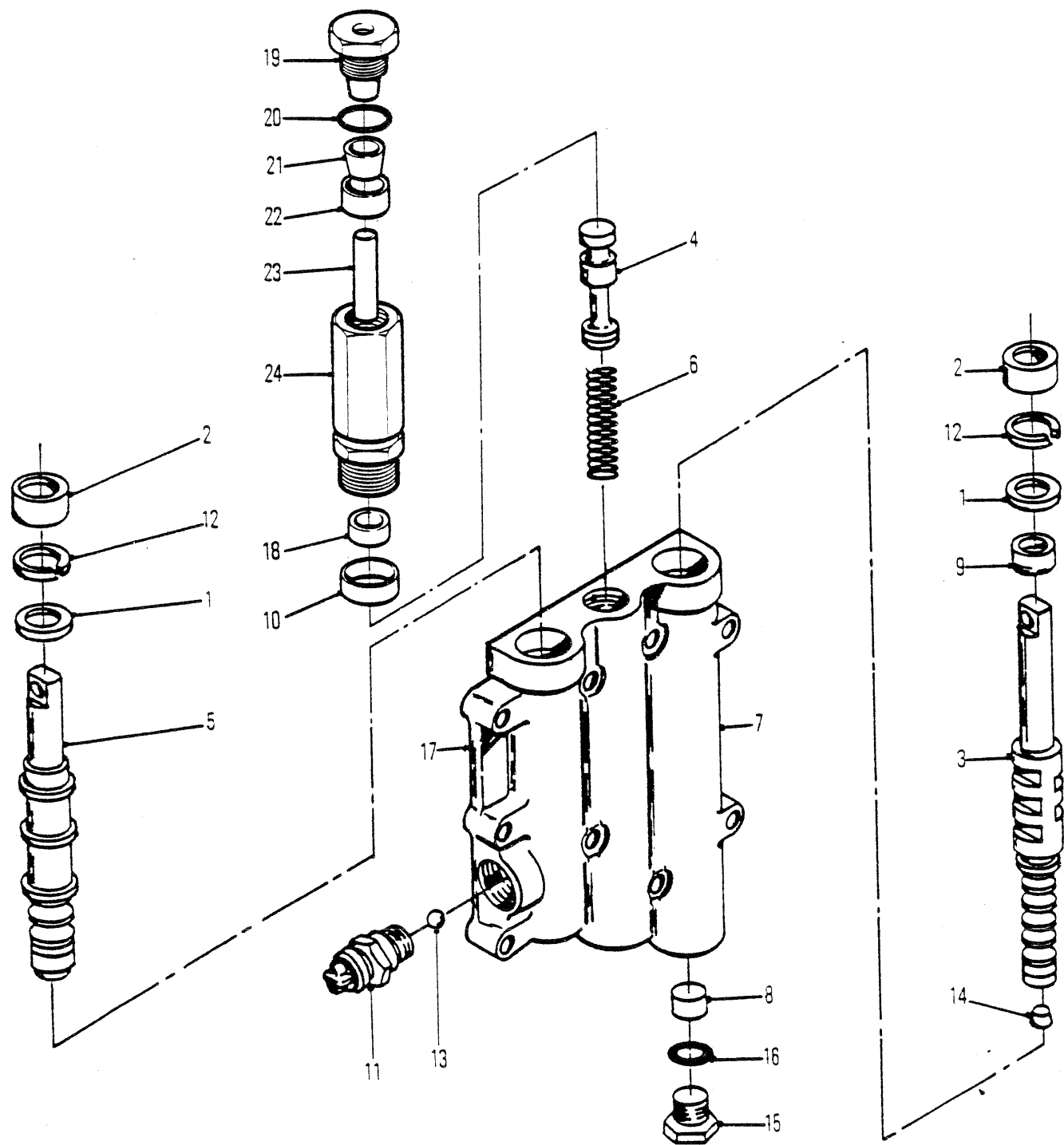


**TRANSMISSION CLUTCH ASSEMBLY-LOW
EMBRAYAGE DE LA TRANSMISSION, LENTE
GETRIEBEKUPPLUNGSGRUPPE, LANGSAM
EMBREAGEM DA TRANSMISSAO, BAIXA
EMBRAGUE DE LA TRANSMISSION, BAJA**

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	802164	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

¹ Teflon

² Inc. 9



5293TP

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

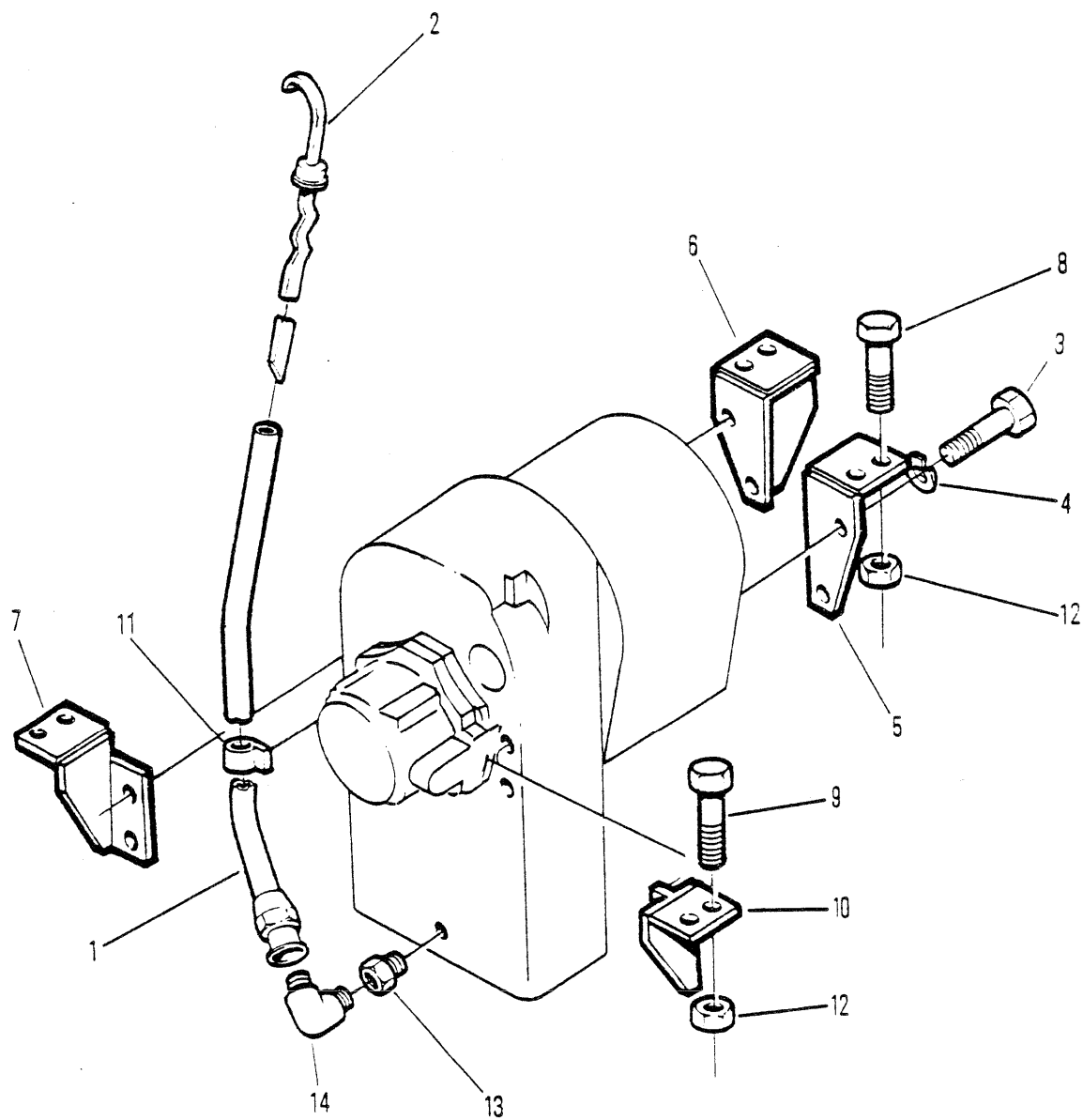
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	232792	1	Control vive assy	ens soup commande	Regelventil vollst	conj válv controle	conj válv control
B	215196	1	Cylinder Assy	ens cylindre	Zylinder vollst	cilindro conj	cilindro conj
1	217657	2	Washer	rondelle	Scheibe	arruela	arandela
2	225856	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 cj 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	2802138	1	Control viv hsg	soupape de contrôle	Steuventilgehäuse	cx válv de contr	envolt válv conj
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	bille	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	§-----	-	Housing	botier	Gehuse	carcaça	carcasa
18	224315	1	Seal	joint étanchéité	Dichtung	vedador	sello
19	215200	1	Plug	bouchon	Stopfen	bujão	tapón
20	25K30020	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
24	215197	1	Housing	botier	Gehuse	carcaça	carcasa

1 Inc 1→17

2 Inc 1→3, 5, 11→13, 15 & 16

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

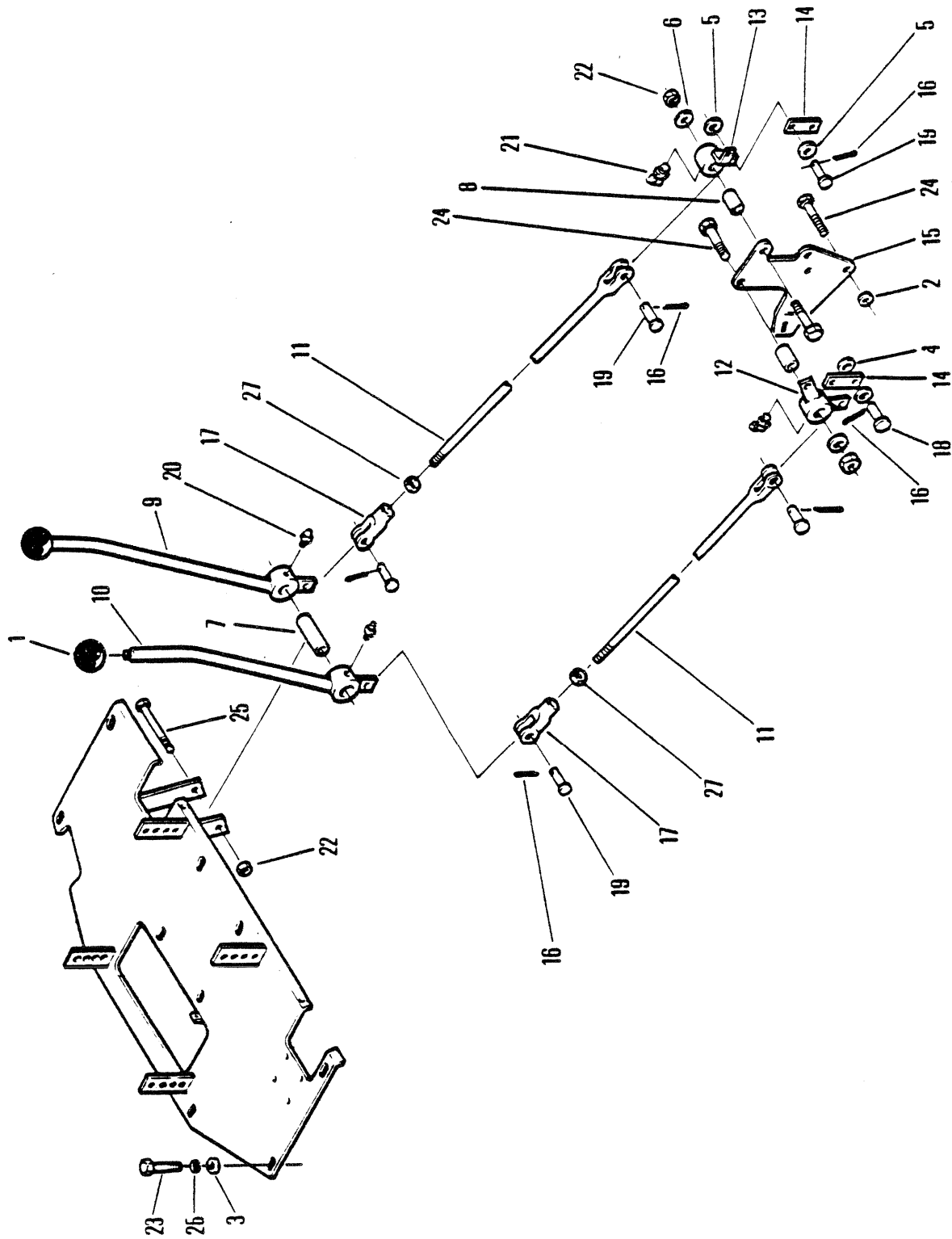
4 Inc. 10, &18→23



5295TP

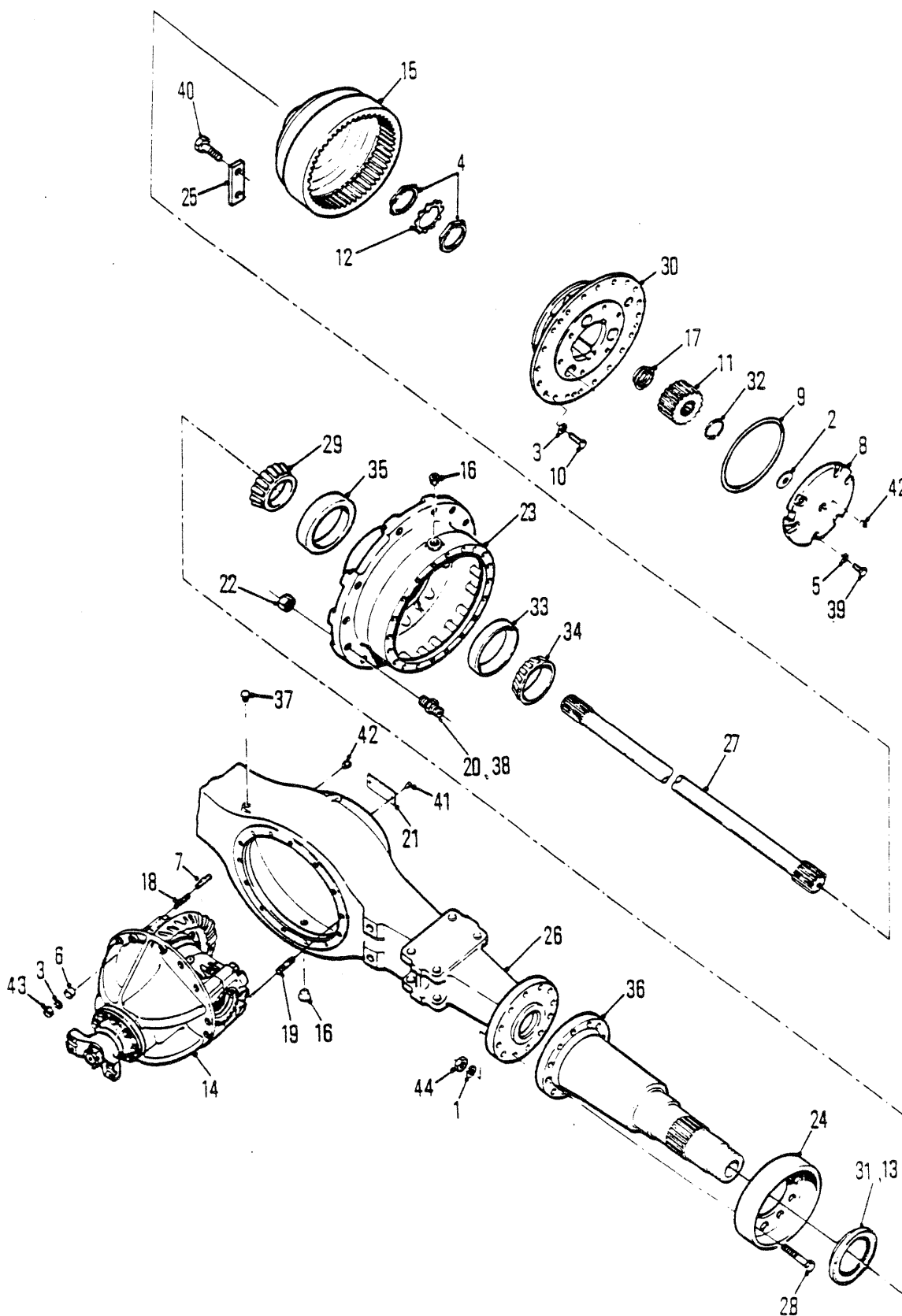
**TRANSMISSION MOUNTING
MONTAGE DE TRANSMISSION
GETRIEBE-MONTAGE
SUPORTE DA TRANSMISSÃO
SOPORTE DE LA TRANSMISION**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1906418	1	Tube dipstick	jauge de conduite	Tauchstabrohr	tubo vareta	var inmr tubo
2	1906419	1	Dipstick	jauge	Messtab	vareta verif	varilla nivel
3	17C001224	8	Bolt	boulon	Bolzen	parafuso	bulón
4	24E000012	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	1906987	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
6	1906989	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
7	1916223	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
8	17C001236	2	Bolt	boulon	Bolzen	parafuso	bulón
9	17C001252	2	Bolt	boulon	Bolzen	parafuso	bulón
10	1925981	1	Bracket	support	Winkel	grampo	grampa
11	6H000030	1	Clip	attache	Schelle	braçadeira	abrazadera
12	59D000012	8	Nut	écrou	Mutter	porca	tuerca
13	19F000008	1	Bushing	chemise	Buchse	bucha	buje
14	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	2	Knob	bouton	Knopf	manipula	botón
2	656427	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
3	664404	6	Washer	rondelle	Scheibe	arruela	arandela
4	664422	4	Washer	rondelle	Scheibe	arruela	arandela
5	664423	4	Washer	rondelle	Scheibe	arruela	arandela
6	664425	2	Washer	rondelle	Scheibe	arruela	arandela
7	1900903	1	Sleeve	manchon	Muffe	luva	manguito
8	1902755	2	Sleeve	manchon	Muffe	luva	manguito
9	1904895	1	Lever	levier	Hebel	alavanca	palanca
10	1904898	1	Lever	levier	Hebel	alavanca	palanca
11	1904901	2	Clevis arm	bras à chape	Hakenarm	braço de forqueta	brazo correón
12	1904904	1	Boss assy	ensemble bossage	Nabe vollst	conjunto do cubo	conjunto de botón
13	1904907	1	Boss assy	ensemble bossage	Nabe vollst	conjunto do cubo	conjunto de botón
14	1904909	2	Link	articulation	Gelenk	articulação	articulación
15	1906424	1	Bracket	support	Winkel	grampo	grampa
16	1F0000310	8	Pin cotter	goupille fendue	Splint	contrapino	chaveta dos patos
17	2J0006208	2	Clevis	étrier	Schkel	garfo	horquilla
18	4F0005062	2	Pin	goupille	Stift	pino	pasador
19	4F0006106	6	Pin	goupille	Stift	pino	pasador
20	10H000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
21	12H000015	2	Fitting	ajustage	Verbindung	ajuste	accesorio
22	17D000006	3	Nut	écrou	Mutter	porca	tuerca
23	17C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
24	17C000648	6	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000880	1	Bolt	boulon	Bolzen	parafuso	bulón
26	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	63D000006	2	Nut	écrou	Mutter	porca	tuerca
28	○-----	-	Bracket	support	Winkel	grampo	grampa



6517TP

AXLE ASSEMBLY, FRONT FD33600
ESSIEU AV, ENSEMBLE FD33600
ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB FD33600
EIXO DIANTEIRO, CONJUNTO FD33600
EJE DELANTERO, CONJUNTO FD33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	192619	1	Axle assy F	ens moyeu AV	Vorderachse volst	conj eixo DI	conj eje DE
B	192620	1	Axle assy F	ens moyeu AV	Vorderachse volst	conj eixo DI	conj eje DE
C	2106971	2	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	104412	40	Washer	rondelle	Scheibe	arruela	arandela
2	106457	2	Washer	rondelle	Scheibe	arruela	arandela
3	106547	54	Washer	rondelle	Scheibe	arruela	arandela
4	110559	4	Nut	écrou	Mutter	porca	tuerca
5	112278	12	Washer	rondelle	Scheibe	arruela	arandela
6	112295	3	Dowel	goujon	Stift	espiga	espiga
7	112587	10	Stud	goujon	Stift	prisioneiro	espárrago
8	124601	2	Cap	chapeau	Kappe	tampa	tapa
9	113292	2	O-ring	joint torique	O Ring	anel-O	anillo-O
10	117225	40	Bolt	boulon	Bolzen	parafuso	bulón
11	117448	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
12	118786	2	Lock	serrure	Schloss	fechadura	cerradura
13	7-----	2	Seal	joint étanchéité	Dichtung	vedador	sello
14	0-----	-	Diff & carrier	dif porte-plan	Diff & Träger	difer & suporte	difer & soporte
15	125602	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
16	119469	3	Plug	bouchon	Stopfen	bujão	tapón
17	119853	2	Ring	anneau	Ring	anel	anillo
18	119889	2	Stud	goujon	Stift	prisioneiro	espárrago
19	119931	2	Stud	goujon	Stift	prisioneiro	espárrago
20	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
21	120707	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
22	86D000012	20	Nut	écrou	Mutter	porca	tuerca
23	52106367	2	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cubeta
24	2107397	2	Seal	joint étanchéité	Dichtung	vedador	sello
25	122701	12	Plate	plaque	Platte	placa	placa
26	122976	1	Housing	botier	Gehuse	carcaça	carcasa
27	123891	2	Shaft	arbre	Welle	ávore	árbol
28	18C001044	32	Bolt	boulon	Bolzen	parafuso	bulón
29	127819	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
30	0-----	-	Planet carrier	port planétaire	Planeträger	sup planet	sup planet
31	7-----	2	Sleeve	manchon	Muffe	luva	manguito
32	224023	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención
33	742262	2	Cup	cuvette	Schale	capa	cubeta
34	742263	2	Cone	cône	Kegel	cone	cono
35	774024	2	Cup	cuvette	Schale	capa	cubeta

¹ Inc 2

² Inc 23 & 38

³ Standard, without no-spin differential, inc. 1 → 44

³ Standard, sans différentiel anti-patinage, comprend 1 → 44

³ Serienmäßig, ohne so spin Differential, einschl. 1 → 44

³ Standard, sem diferencial anti-patinante, incl. 1 → 44

³ Standard, sin diferencial anti-patinaje, inc. 1 → 44

⁴ Optional, with no-spin differential, inc. 1 → 44

⁴ Facultatif, avec différentiel anti-patinage, comprend 1 → 44

⁴ Wahlweise, mit no-spin Differential, einschl. 1 → 44

⁴ Facultativo, com diferencial anti-patinante, incl. 1 → 44

⁴ Opcional, con diferencial anti-patinaje, inc. 1 → 44

⁵ Inc. 33 & 35

⁶ Push-in stud

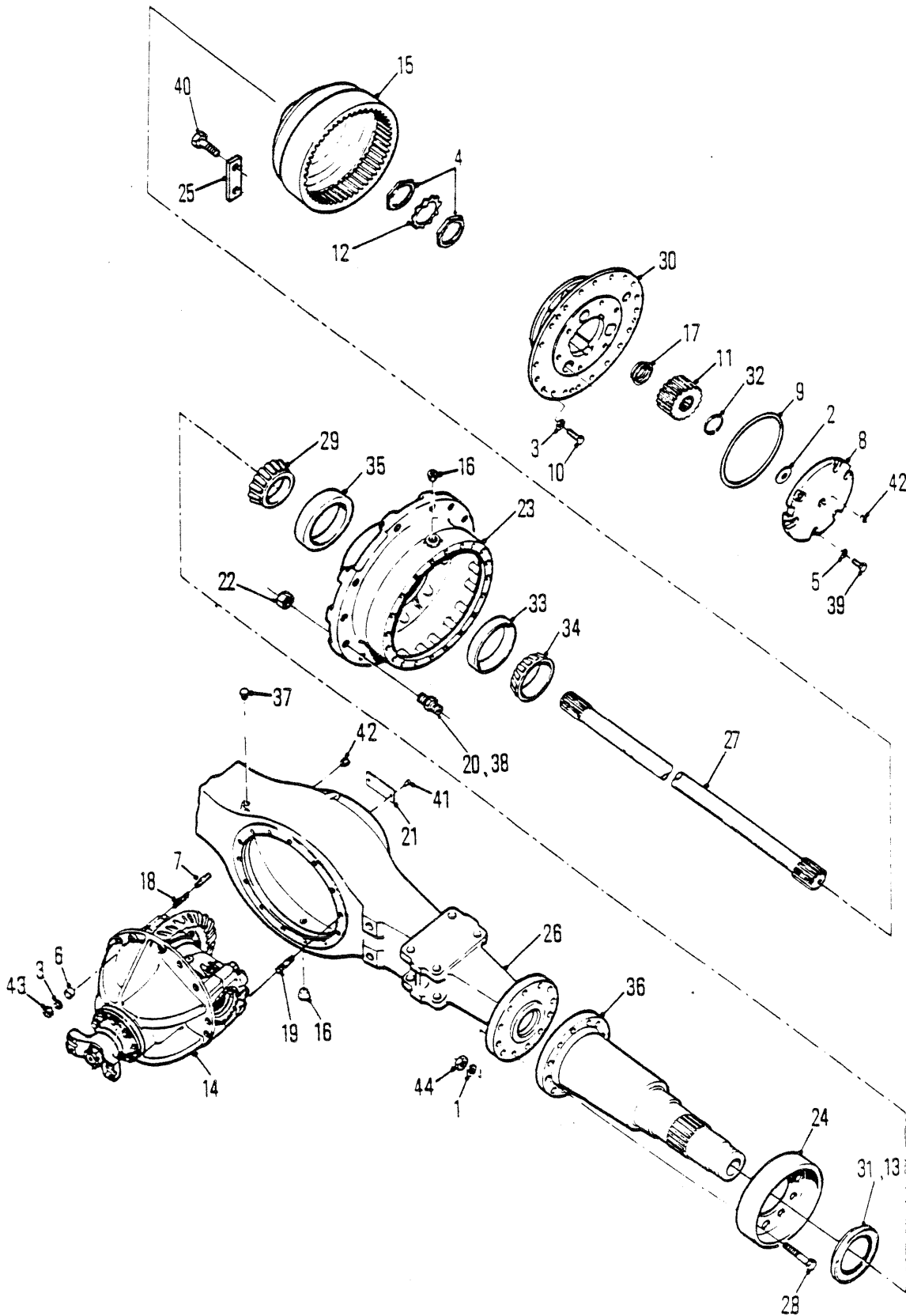
⁶ goujon d'insertion

⁶ Einschlebestift

⁶ empuxe prisioneiro

⁶ espárrago de inserción

⁷ Ref R.S.G.173



6517TP

AXLE ASSEMBLY,FRONT FD33600
ESSIEU AV,ENSEMBLE FD33600
ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB FD33600
EIXO DIANTEIRO,CONJUNTO FD33600
EJE DELANTERO,CONJUNTO FD33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	816039	2	Spindle end	bout de fuseau	Wellenende	term do carretel	extremo del huso
37	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
38	62106309	20	Stud	goujon	Stift	prisioneiro	espárrago
39	1C000720	12	Screw	vis	Schraube	parafuso	tornillo
40	62C000820	24	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
41	6C000605	2	Drive screw	vis enfoncée à mart	Nagelschraube	prego com cab paraf	clavo-tornillo
42	11F000012	3	Plug	bouchon	Stopfen	bujão	tapón
43	64D000009	14	Nut	écrou	Mutter	porca	tuerca
44	64D000010	32	Nut	écrou	Mutter	porca	tuerca
45	18C001044	32	Bolt	boulon	Bolzen	parafuso	bulón
46	0-----	-	Planet carrier	port planétaire	Planetträger	sup planet	sup planet
47	7-----	2	Sleeve	manchon	Muffe	luva	manguito

¹ Inc 2

² Inc 23 & 38

³ Standard, without no-spin differential, inc. 1 → 44

³ Standard, sans différentiel anti-patinage, comprend 1 → 44

³ Serienmäßig, ohne so spin Differential, einschl. 1 → 44

³ Standard, sem diferencial anti-patinante, incl. 1 → 44

³ Standard, sin diferencial anti-patinaje, inc. 1 → 44

⁴ Optional, with no-spin differential, inc. 1 → 44

⁴ Facultatif, avec différentiel anti-patinage, comprend 1 → 44

⁴ Wahlweise, mit no-spin Differential, einschl. 1 → 44

⁴ Facultativo, com diferencial anti-patinante, incl. 1 → 44

⁴ Opcional, con diferencial anti-patinaje, inc. 1 → 44

⁵ Inc. 33 & 35

⁶ Push-in stud

⁶ goujon d'insertion

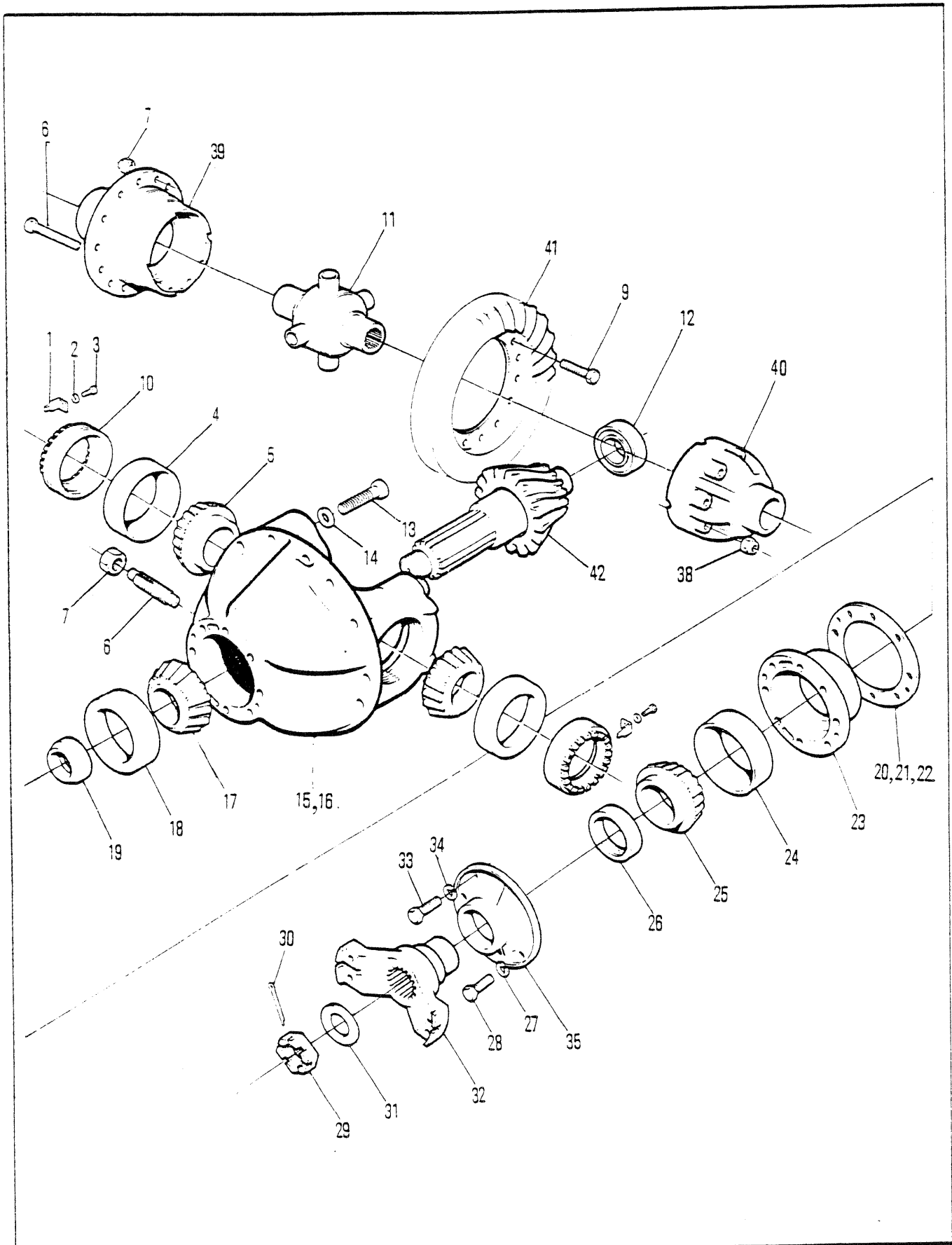
⁶ Einschiebestift

⁶ empuxe prisioneiro

⁶ espárrago de inserción

⁷ Ref R.S.G.173

RANGER



DIFFERENTIAL & CARRIER ASSEMBLY FRONT-33600
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN AVANT-33600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG VORNE-33600
CONJUNTO DO DIFERENCIAL & SUPORTE DIANTEIRO-33600
CONJUNTO DE DIFERENCIAL & SOPORTE DELANTERO-33600

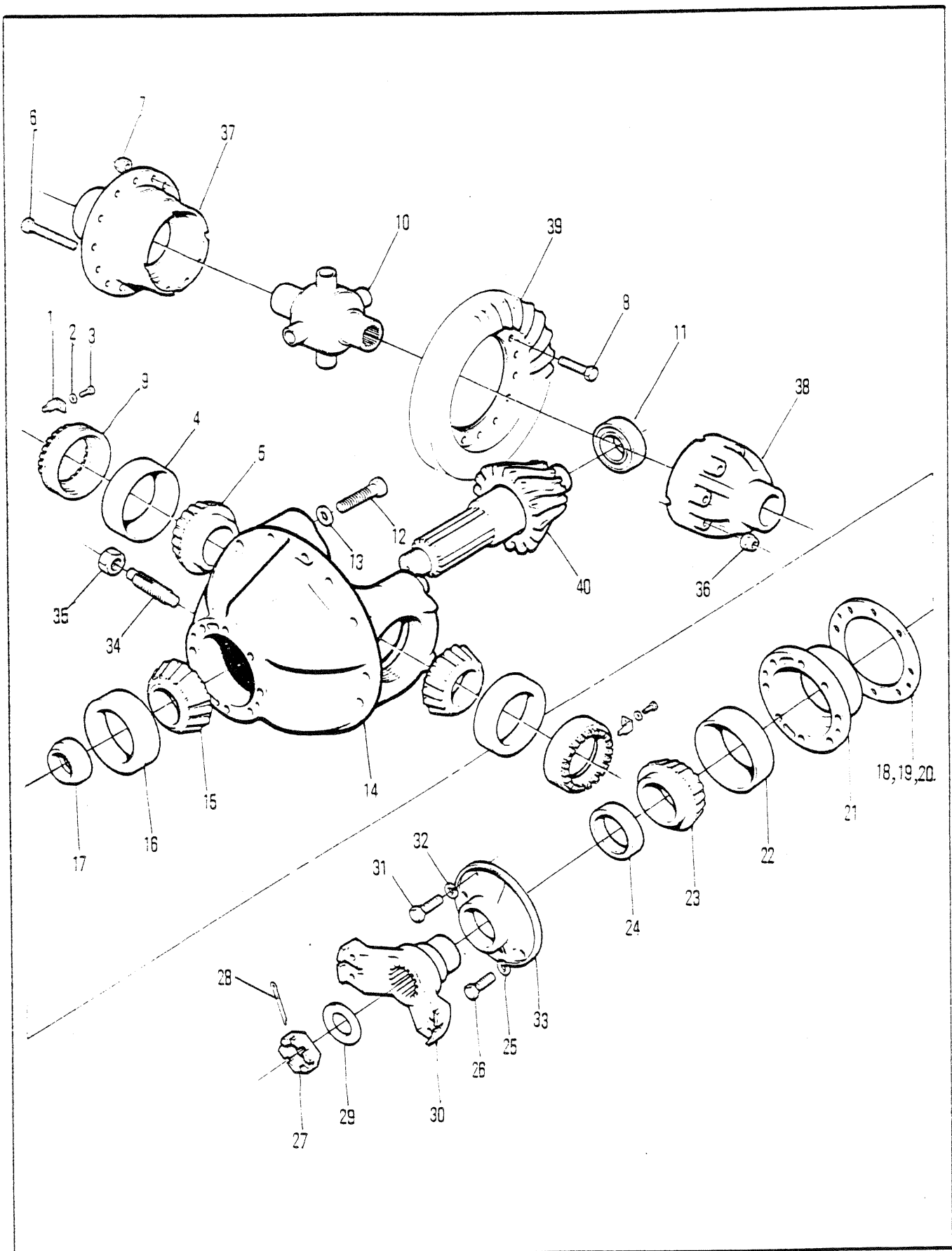
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128624	1	Diff carrier assy	ens chassis port dif	Träger Diffagr voll	conj suporte dif	conj sopor
B	2121237	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
C	2109022	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
D	841379	1	Kit	jeu	Satz	jogo	juego
1	126468	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
2	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
4	675252	2	Cup	cuvette	Schale	capa	cubeta
5	675254	2	Cone	cône	Kegel	cone	cono
6	126625	8	Bolt	boulon	Bolzen	parafuso	bulón
7	86D000010	12	Nut	écrou	Mutter	porca	tuerca
8	118483	4	Pin	goupille	Stift	pino	pasador
9	126625	16	Bolt	boulon	Bolzen	parafuso	bulón
10	123748	2	Nut	écrou	Mutter	porca	tuerca
11	127566	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
12	675265	1	Bearing	palier	Lager	mancal	cojinete
13	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
14	111658	4	Washer	rondelle	Scheibe	arruela	arandela
15	112292	1	Carrier assy	porteur ens	Trger vollst	conj suporte	conj soporte
16	S-----	1	Diff case	boitier différentiel	Differentialgehäuse	diferencial carcaca	diferencial carcasa
17	675263	1	Cone	cône	Kegel	cone	cono
18	675262	1	Cup	cuvette	Schale	capa	cubeta
19	815200	1	Spacer&shim kit	ens entre et cale	Abstand Beilagsatz	cj espaç e calços	conj espdor cuna
20	114351	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
21	125578	19	Shim	cale	Beilage	calço	planchita
22	125579	19	Shim	cale	Beilage	calço	planchita
23	107477	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
24	675259	1	Cup	cuvette	Schale	capa	cubeta
25	675260	1	Cone	cône	Kegel	cone	cono
26	128401	1	Seal	joint étanchéité	Dichtung	vedador	sello
27	4E000010	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	17C001040	7	Bolt	boulon	Bolzen	parafuso	bulón
29	101223	1	Nut	écrou	Mutter	porca	tuerca
30	1F000740	1	Pin	goupille	Stift	pino	pasador
31	101224	1	Washer	rondelle	Scheibe	arruela	arandela
32	108871	1	Flange	bride	Flansch	flange	brida
33	17C000836	1	Bolt	boulon	Bolzen	parafuso	bulón
34	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	107482	1	Retainer	arrêtoir	Halterung	retentor	retén
36	121241	1	Screw	vis	Schraube	parafuso	tornillo
37	8D000018	1	Nut	écrou	Mutter	porca	tuerca
38	86D000010	8	Nut	écrou	Mutter	porca	tuerca
39	S-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
40	S-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
41	S-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
42	S-----	1	Pinion	pignon	Ritzel	pinhão	pion

1 Inc B,C,D, 1→42

2 Inc C,6,9,11,38→40

3 Inc 6,11,38→40

4 Inc 41 & 42 Ref RSG 346



DIFFERENTIAL & CARRIER ASSEMBLY-FRONT
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN AVANT-33600
DIFFERENTIAL & TRÄNDIG VORNE-33600
CONJUNTO DO DIFERENCIAL & SUPORTE DIANTEIRO-33600
CONJUNTO DE DIFERENCIAL & SOPORTE DELANTERO-33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128623	1	Diff carrier assy	ens chassis port dif	Träger Diffiagr voll	conj suporte dif	conj sopor
B	2121236	1	Diff body	corps de diff	Differentialkörper	corpo do dif	cuerpo diferenc
C	3126949	1	Diff case kit	trsse corps differ	Diffgehäuse bausatz	jogo carcaca dif	juego carcasa dif
D	4117693	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
E	5112292	1	Carrier assy	porteur ens	Trger vollst	conj suporte	conj soporte
1	126468	2	Nut lock	frein décrou	Schraubensicherung	contraporca	contratuerca
2	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
4	675252	2	Cup	cuvette	Schale	capa	cubeta
5	675254	2	Cone	cône	Kegel	cone	cono
6	126625	8	Bolt	boulon	Bolzen	parafuso	bulón
7	86D000009	12	Nut	écrou	Mutter	porca	tuerca
8	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
9	123748	2	Nut	écrou	Mutter	porca	tuerca
10	127566	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
11	675265	1	Bearing	palier	Lager	mancal	cojinete
12	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
13	24E000014	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
14	S-----	1	Housing	botier	Gehuse	carcaça	carcasa
15	675263	1	Cone	cône	Kegel	cone	cono
16	675262	1	Cup	cuvette	Schale	capa	cubeta
17	815200	1	Spacer&shim kit	ens entre et cale	Abstand Beilagsatz	cj espaç e calços	conj espdor cuna
18	114351	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
19	125578	-	Shim	cale	Beilage	calço	planchita
20	125579	-	Shim	cale	Beilage	calço	planchita
21	107477	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
22	675259	1	Cup	cuvette	Schale	capa	cubeta
23	675260	1	Cone	cône	Kegel	cone	cono
24	128401	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	4E000010	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
26	17C001040	7	Bolt	boulon	Bolzen	parafuso	bulón
27	101223	1	Nut	écrou	Mutter	porca	tuerca
28	1F000740	1	Pin	goupille	Stift	pino	pasador
29	101224	1	Washer	rondelle	Scheibe	arruela	arandela
30	108871	1	Flange	bride	Flansch	flange	brida
31	17C000836	1	Bolt	boulon	Bolzen	parafuso	bulón
32	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	107482	1	Retainer	arrêtoir	Halierung	retentor	retén
34	121241	1	Screw	vis	Schraube	parafuso	tornillo
35	8D000008	1	Nut	écrou	Mutter	porca	tuerca
36	86D000010	8	Nut	écrou	Mutter	porca	tuerca
37	S-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
38	S-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
39	S-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
40	S-----	1	Pinion	pignon	Ritzel	pinhão	pion

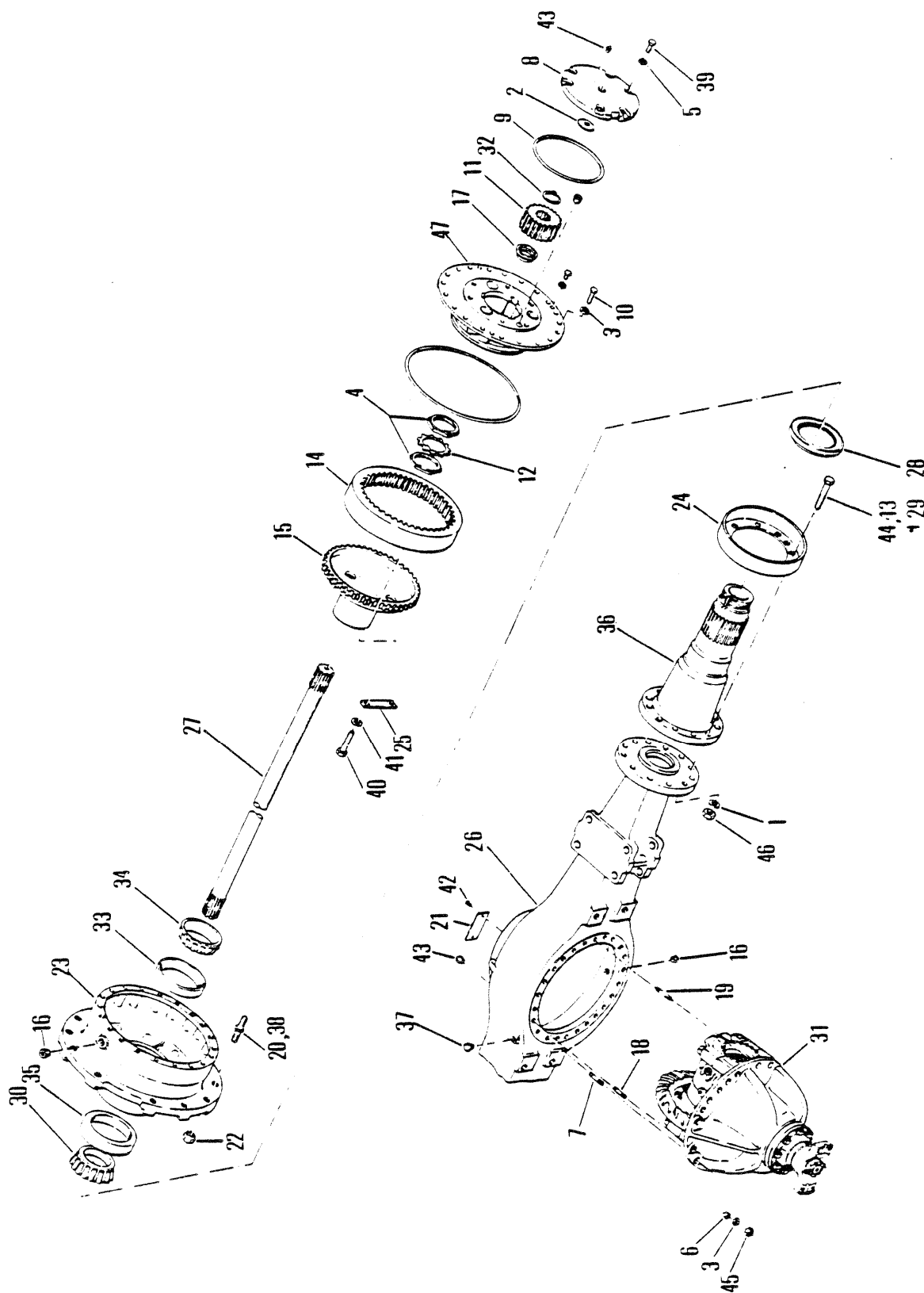
¹ Inc B,C,D,E, & 1→40

² Inc C,6,10 & 36→38

³ Inc C,6, & 36→38

⁴ Inc 39 & 40

⁵ Inc 12 & 13



AXLE ASSEMBLY, REAR RD 33600

ESSIEU AR ENSEMBLE RD 33600

ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB RD 33600

EIXO TRASEIRO, CONJUNTO RD 33600

EJE TRASERO, CONJUNTO RD 33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 192621	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	³ 119209	2	Int gear&hub	ingren int&moy	Internes Rad&Nabe	cubo e engr int	engr y cubo int
C	² 2106971	2	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	104412	40	Washer	rondelle	Scheibe	arruela	arandela
2	106457	2	Washer	rondelle	Scheibe	arruela	arandela
3	106547	54	Washer	rondelle	Scheibe	arruela	arandela
4	110559	4	Nut	écrou	Mutter	porca	tuerca
5	112278	12	Washer	rondelle	Scheibe	arruela	arandela
6	112295	3	Dowel	goujon	Stift	espiga	espiga
7	112587	10	Stud	goujon	Stift	prisioneiro	espárrago
8	⁵ 124601	2	Cap	chapeau	Kappe	tampa	tapa
9	113292	2	O-ring	joint torique	O Ring	anel-O	anillo-O
10	117225	40	Bolt	boulon	Bolzen	parafuso	bulón
11	117448	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
12	118786	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
13	⁶ 123947	2	Sleeve	manchon	Muffe	luva	manguito
14	119211	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
15	119213	2	Hub	moyeu	Nabe	cubo	cubo
16	119469	3	Plug	bouchon	Stopfen	bujão	tapón
17	119853	2	Ring	anneau	Ring	anel	anillo
18	119889	2	Stud	goujon	Stift	prisioneiro	espárrago
19	119931	2	Stud	goujon	Stift	prisioneiro	espárrago
20	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
21	120707	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
22	86D000012	20	Nut	écrou	Mutter	porca	tuerca
23	⁴ 2106367	2	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
24	2107397	2	Seal	joint étanchéité	Dichtung	vedador	sello
25	122701	12	Plate	plaque	Platte	placa	placa
26	122976	1	Housing axle	boitier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
27	123891	2	Shaft	arbre	Welle	ávore	árbol
28	⁶ 125248	2	Seal	joint étanchéité	Dichtung	vedador	sello
29	⁶ 125769	2	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
30	127819	2	Cone	cône	Kegel	cone	cono
31	○-----	1	Diff carrier assy	ens chassis port dif	Träger Diffflagr voll	conj suporte dif	conj sopor
32	224023	2	Ring	anneau	Ring	anel	anillo
33	742262	2	Cup	cuvette	Schale	capa	cupeta
34	742263	2	Cone	cône	Kegel	cone	cono
35	774024	2	Cup	cuvette	Schale	capa	cupeta
36	816039	2	Spindle end	bout de fuseau	Wellenende	term do carretei	extremo del huso
37	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
38	⁷ 2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
39	1C000720	12	Bolt	boulon	Bolzen	parafuso	bulón
40	4C000820	24	Bolt	boulon	Bolzen	parafuso	bulón
41	4E000008	24	Washer	rondelle	Scheibe	arruela	arandela
42	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
43	11F000012	3	Plug	bouchon	Stopfen	bujão	tapón
44	18C001044	20	Bolt	boulon	Bolzen	parafuso	bulón
45	64D000009	14	Nut	écrou	Mutter	porca	tuerca
46	106998	20	Nut	écrou	Mutter	porca	tuerca
47	○-----	-	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj

¹ Inc B,C, 1→47

² Inc 23 & 38

³ Inc 14,15,25 & 40

⁴ Inc 33 & 35

⁵ Inc 2

⁶ When 125248 is used with 123947 wear sleeve, replace with 125769 oil seal

⁶ Lorsque 125248 est utilisé avec le manchon d'usure 123947, il remplace le joint

⁶ Wenn Posten 125248 mit 123947-Verschleissbuchse verwendet wird, durch Öldichtung 125769 ersetzen.

⁶ Quando for utilizado 125248 com luva de desgaste 123947, substituir por junta de óleo 125769

⁶ Al utilizar 125248 con camisa de desgaste 123947, reemplazar con selladura para aceite 125769

⁷ Push-in stud

⁷ goujon d'insertion

⁷ Einschiebestift

⁷ empuxe prisioneiro

⁷ espárrago de inserción

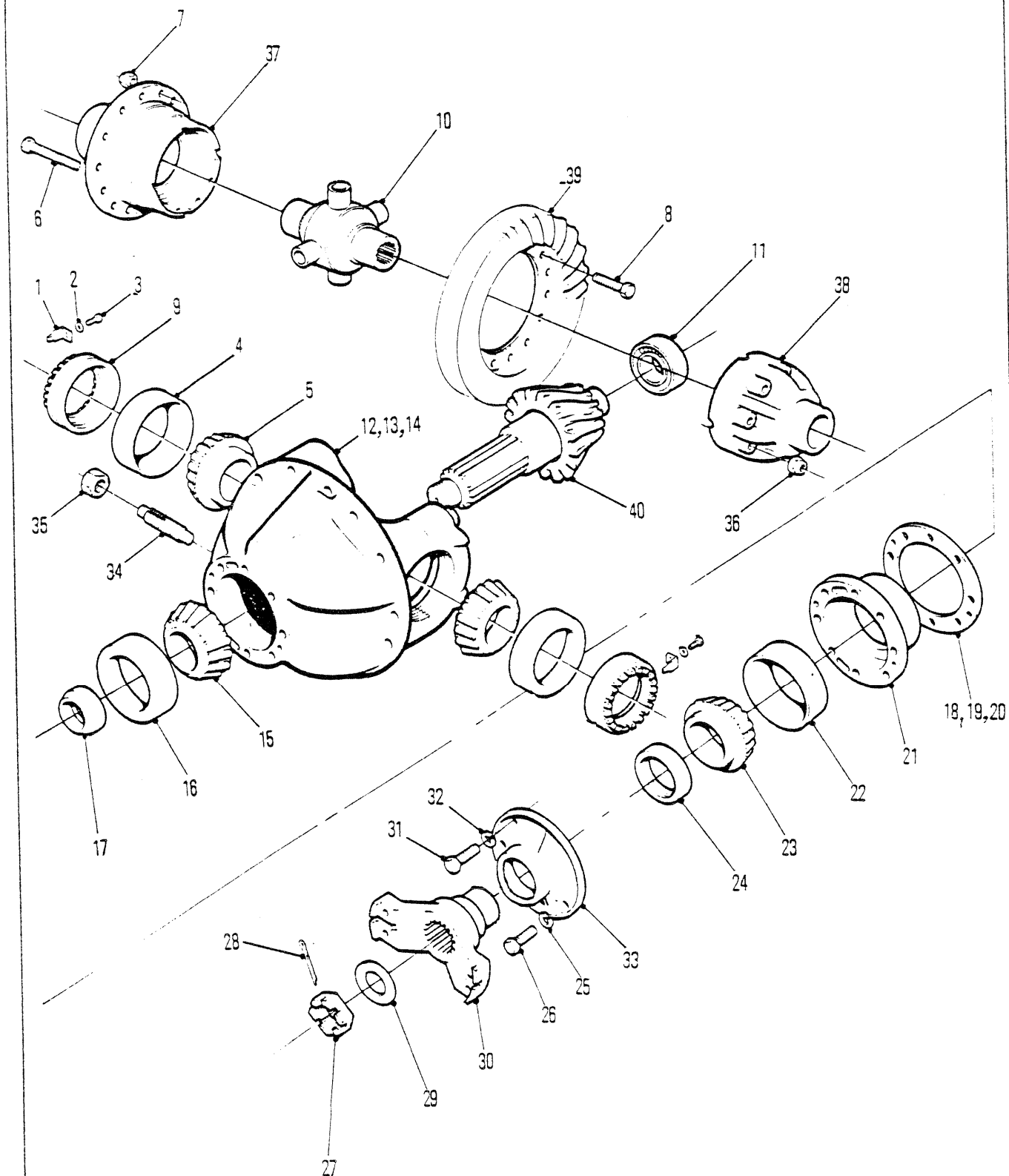
668CUM

507B-101-CAC→507B-9999-CAC

668GM

505B-101-CAC→505B-9999-CAC

RANGER



5343TP

DIFFERENTIAL & CARRIER ASSEMBLY, REAR-33600
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINENT, ARRIÈRE-33600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN-33600
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-33600
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128622	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	841378	1	Kit	jeu	Satz	jogo	juego
C	121236	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
D	121245	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
E	126949	1	Diff case kit	trsse corps differ	Diffgehäuse bausatz	jogo carcaca dif	juego carcasa dif
1	126468	2	Nut lock	frein décrou	Schraubensicherung	contraporca	contratuerca
2	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
4	675252	2	Cup	cuvette	Schale	capa	cubeta
5	675254	2	Cone	cône	Kegel	cone	cono
6	17C001064	8	Bolt	boulon	Bolzen	parafuso	bulón
7	86D000009	12	Nut	écrou	Mutter	porca	tuerca
8	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
9	123748	2	Nut	écrou	Mutter	porca	tuerca
10	127566	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
11	675265	1	Bearing	palier	Lager	mancal	cojinete
12	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
13	26E000014	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
14	112292	1	Carrier assy	porteur ens	Trger vollst	conj soporte	conj soporte
15	675263	1	Cone	cône	Kegel	cone	cono
16	675262	1	Cup	cuvette	Schale	capa	cubeta
17	815200	1	Spacer&shim kit	ens entre et cale	Abstand Beilagsatz	cj espaç e calços	conj espdor cuna
18	114351	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
19	125578	-	Shim	cale	Beilage	calço	planchita
20	125579	-	Shim	cale	Beilage	calço	planchita
21	107477	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
22	675259	1	Cup	cuvette	Schale	capa	cubeta
23	675260	1	Cone	cône	Kegel	cone	cono
24	128401	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	4E000010	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 25 & 29 Ref RSG 346

² Inc 22,24,30&31

³ When replacing differential, propshaft must be replaced

³ Lors du remplacement du différentiel, l'arbre de transmission doit être également

³ Beim austausch des differentials muss auch die antriebswelle ausgetauscht werden

³ Ao substituir o diferencial é necessário substituir o eixo da hélice

³ Al reemplazar el diferencial, debe reemplazarse el eje de propulsión

⁴ Inc 21,22,24,25,26,29,30 & 31

⁵ Inc 22,24,25 & 29

⁶ Loctite 277 is used as a sealant on the inside surfaces of items 39 & 42

⁶ Loctite 277 est utilisé pour sceller les surfaces intérieures des articles 39 et 42

⁶ Loctite 277 wird als Dichtmittel an der Innenfläche der Pos.39 & 42

⁶ Usar Loctite 277 par evitar afrouxamento na superfície interna dos itens 39 e 42

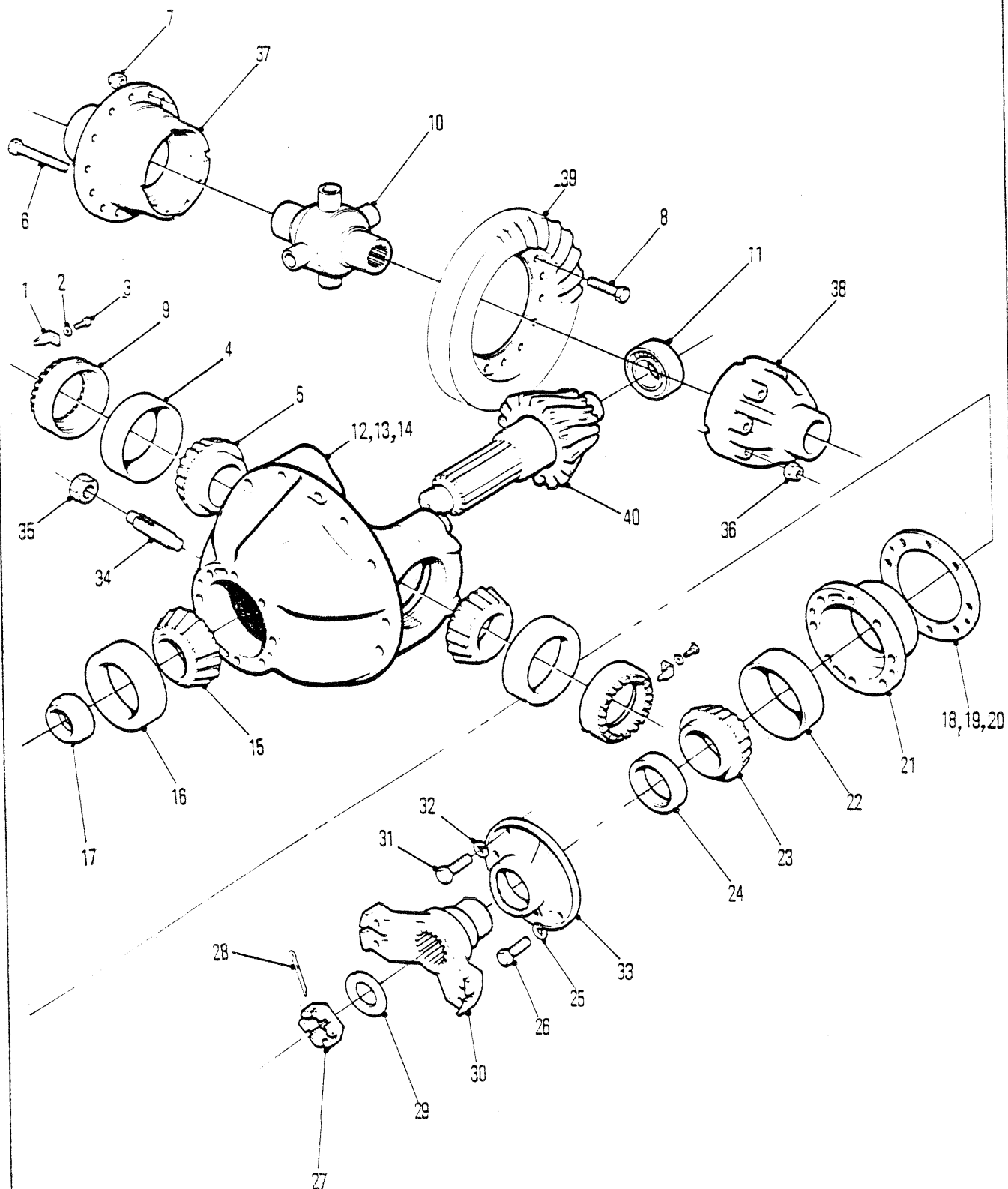
⁶ Loctite 277 es usado como sellador de las superficies interiores de los articulos 39 & 42

⁷ Inc 30 & 32

⁸ See item B

⁹ Inc B,C,D,E, 1→41

RANGER



5343TP

DIFFERENTIAL & CARRIER ASSEMBLY, REAR-33600
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINENT, ARRIÈRE-33600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN-33600
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA-33600
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-33600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
26	17C001040	2	Bolt	boulon	Bolzen	parafuso	bulón
27	101223	1	Nut	écrou	Mutter	porca	tuerca
28	1F000740	1	Pin	goupille	Stift	pino	pasador
29	101222	1	Dust shield	cache poussière	Staubschild	proteção de poeira	protec ctra polvo
30	108871	1	Flange	bride	Flansch	flange	brida
31	17C000836	1	Bolt	boulon	Bolzen	parafuso	bulón
32	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	107482	1	Retainer	arrêtoir	Halterung	retentor	retén
34	121241	1	Screw	vis	Schraube	parafuso	tornillo
35	8D000018	1	Nut	écrou	Mutter	porca	tuerca
36	86D000010	8	Nut	écrou	Mutter	porca	tuerca
37	7S-----	1	Flange half	demi-flasque	Flanschhilfe	meia flange	media brida
38	7S-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
39	8S-----	1	Pinion	pignon	Ritzel	pinhão	pion
40	8S-----	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
41	+101217	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura

¹ Inc 25 & 29 Ref RSG 346

² Inc 22,24,30&31

³ When replacing differential, propshaft must be replaced

³ Lors du remplacement du différentiel, l'arbre de transmission doit être également

³ Beim austausch des differentials muss auch die antriebswelle ausgetauscht werden

³ Ao substituir o diferencial é necessário substituir o eixo da hélice

³ Al reemplazar el diferencial, debe reemplazarse el eje de propulsión

⁴ Inc 21,22,24,25,26,29,30 & 31

⁵ Inc 22,24,25 & 29

⁶ Loctite 277 is used as a sealant on the inside surfaces of items 39 & 42

⁶ Loctite 277 est utilisé pour sceller les surfaces intérieures des articles 39 et 42

⁶ Loctite 277 wird als Dichtmittel an der Innenfläche der Pos.39 & 42

⁶ Usar Loctite 277 par evitar afrouxamento na superfície interna dos itens 39 e 42

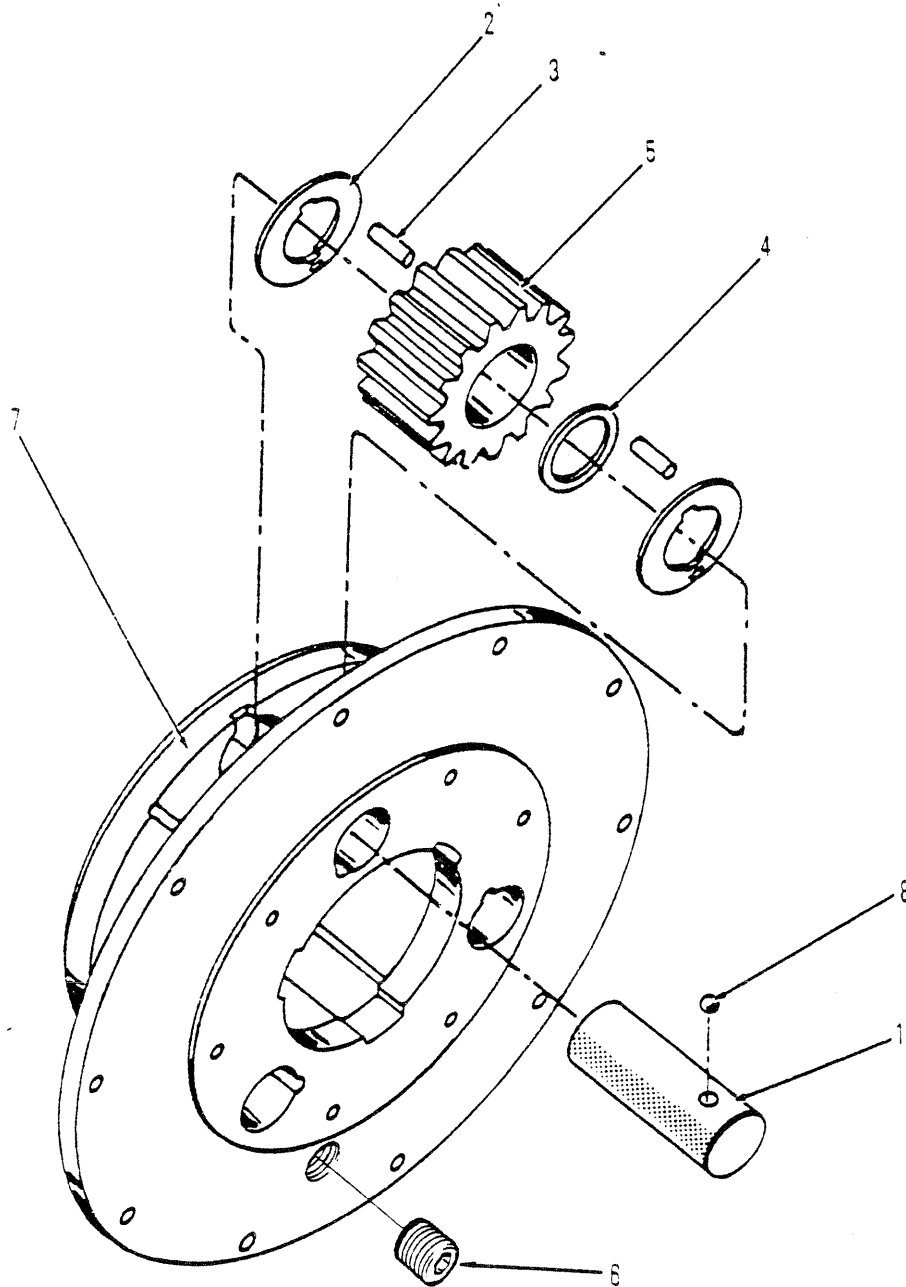
⁶ Loctite 277 es usado como sellador de las superficies interiores de los artículos 39 & 42

⁷ Inc 30 & 32

⁸ See item B

⁹ Inc B,C,D,E, 1 → 41

RANGER

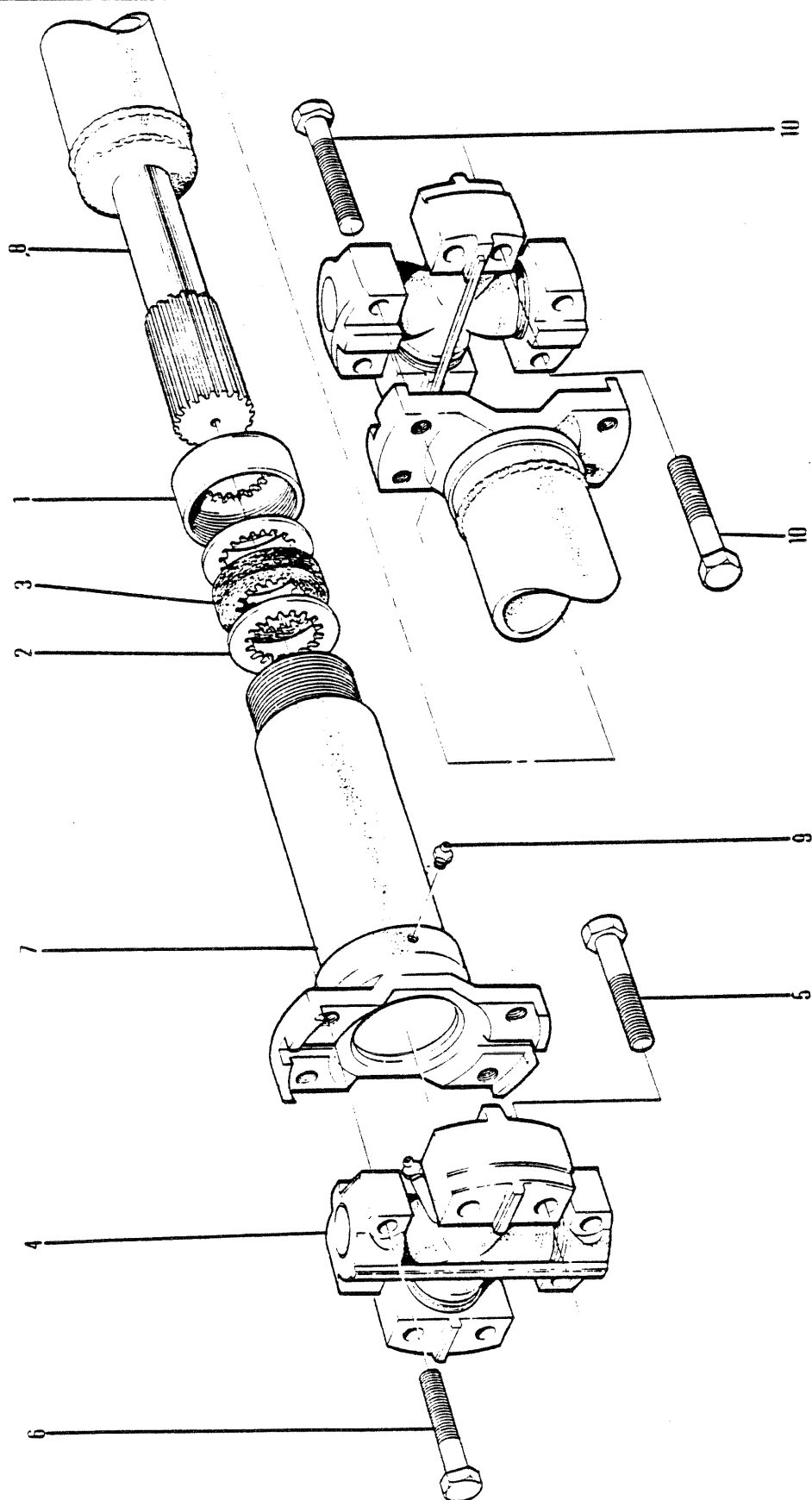


5332TP

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	121632	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

1 Inc. 1 → 8

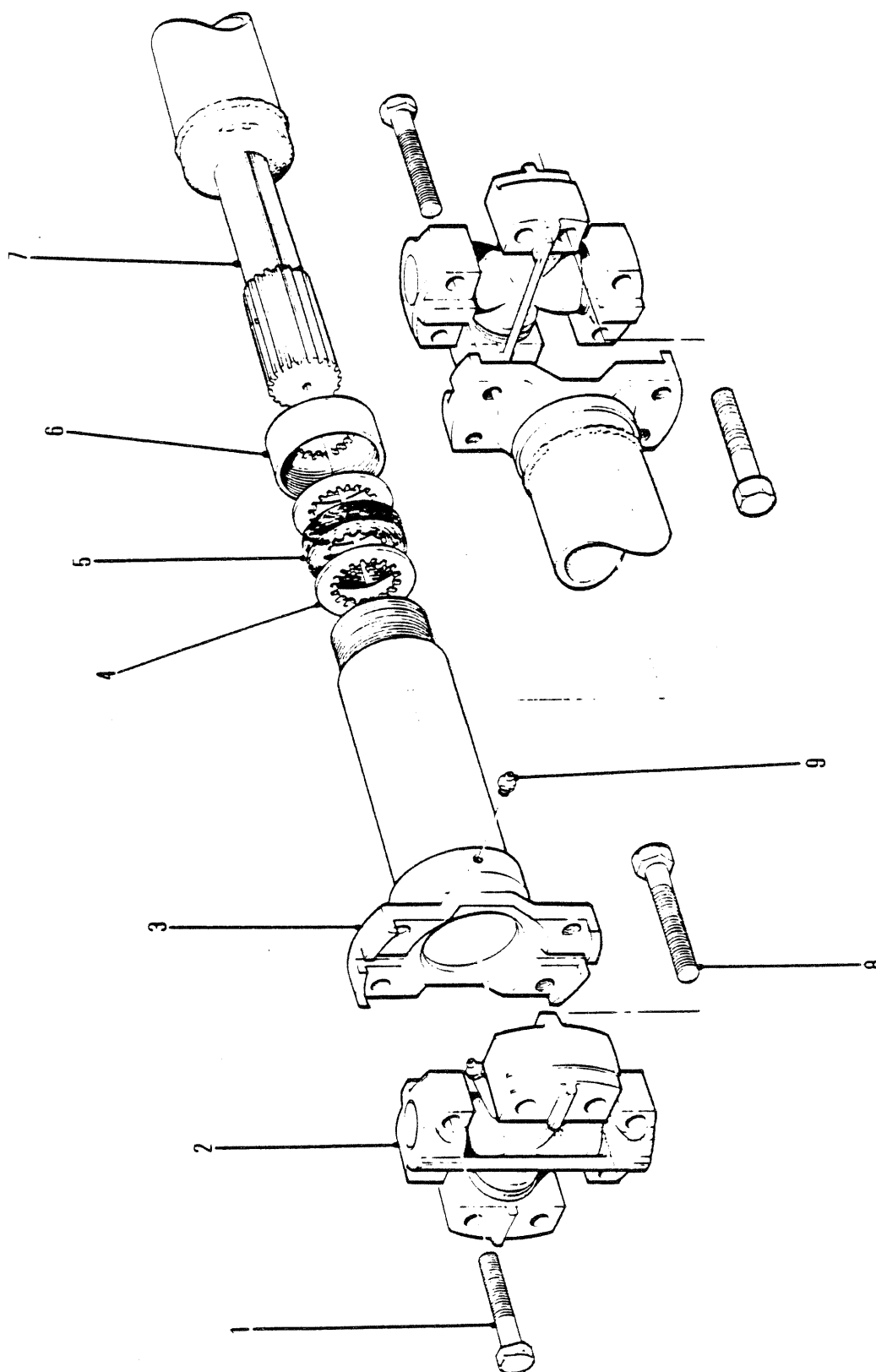


PROPELLER SHAFT ASSEMBLY-TRANSMISSION/CONVERTER
ARBRE D'ENTRAÎNEMENT-TRANSMISSION/CONVERTISSEUR, ENSEMBLE
GELLENKSELLE VOLLSTÄNDIG-GETRIEBE/DREHMOMENTWANDLER
EIXO PROPULSOR-TRANSMISSÃO/CONVERTIDOR, CONJUNTO
ARBOL PROPULSOR-TRANSMISSION/CONVERTIDOR, CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1908316	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 3292565	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	942744	1	Retainer	arrêtoir	Halterung	retentor	retén
2	942750	2	Washer	rondelle	Scheibe	arruela	arandela
3	942751	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	945208	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
5	947382	4	Bolt	boulon	Bolzen	parafuso	bulón
6	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
7	-----	1	Slip yoke	chape coulissnte	Gleitkupplig	garfo corredião	acople telescop
8	1990423	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc B, 1 → 10

² Inc 1 → 3, 6 & 10



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	^{1,2} 1908315	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
1	72G000620	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1990418	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	¹ §-----	1	Slip yoke	chape coulissnte	Gleitkupplig	garfo corredião	acople telescop
4	940091	2	Washer	rondelle	Scheibe	arruela	arandela
5	940081	1	Seal	joint étanchéité	Dichtung	vedador	sello
6	940090	1	Cap	chapeau	Kappe	tampa	tapa
7	1990424	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
8	72G000620	4	Bolt	boulon	Bolzen	parafuso	bulón
9	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

¹ No longer available. For service replacement, order 1-1915549 Propshaft Assembly.

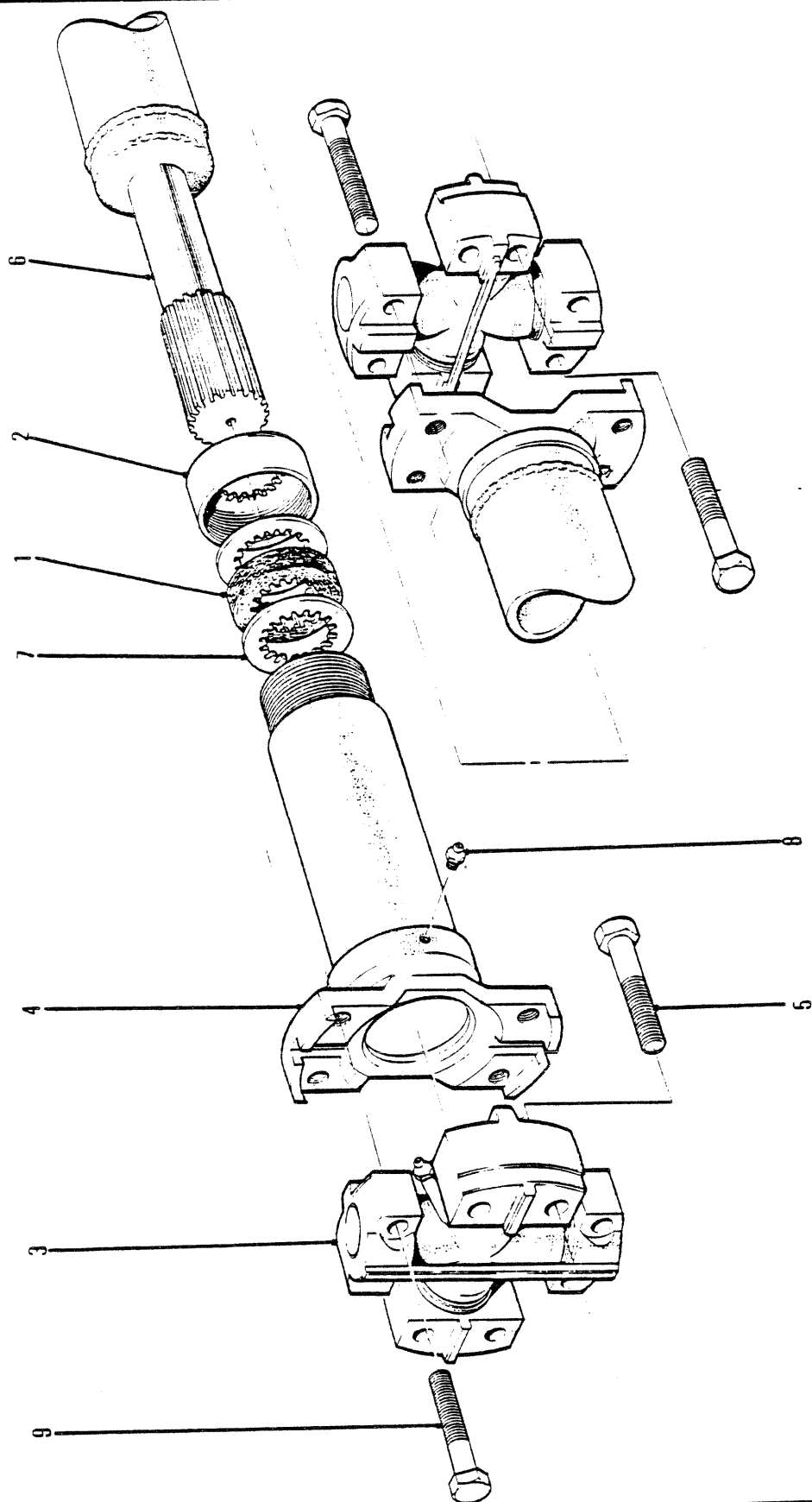
¹ Plus disponible. Pour le remplacement, commander l'ensemble darbre dhélice 1-1915549.

¹ Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1-1915549.

¹ Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1-1915549.

¹ No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1-1915549.

² Inc 1 → 9

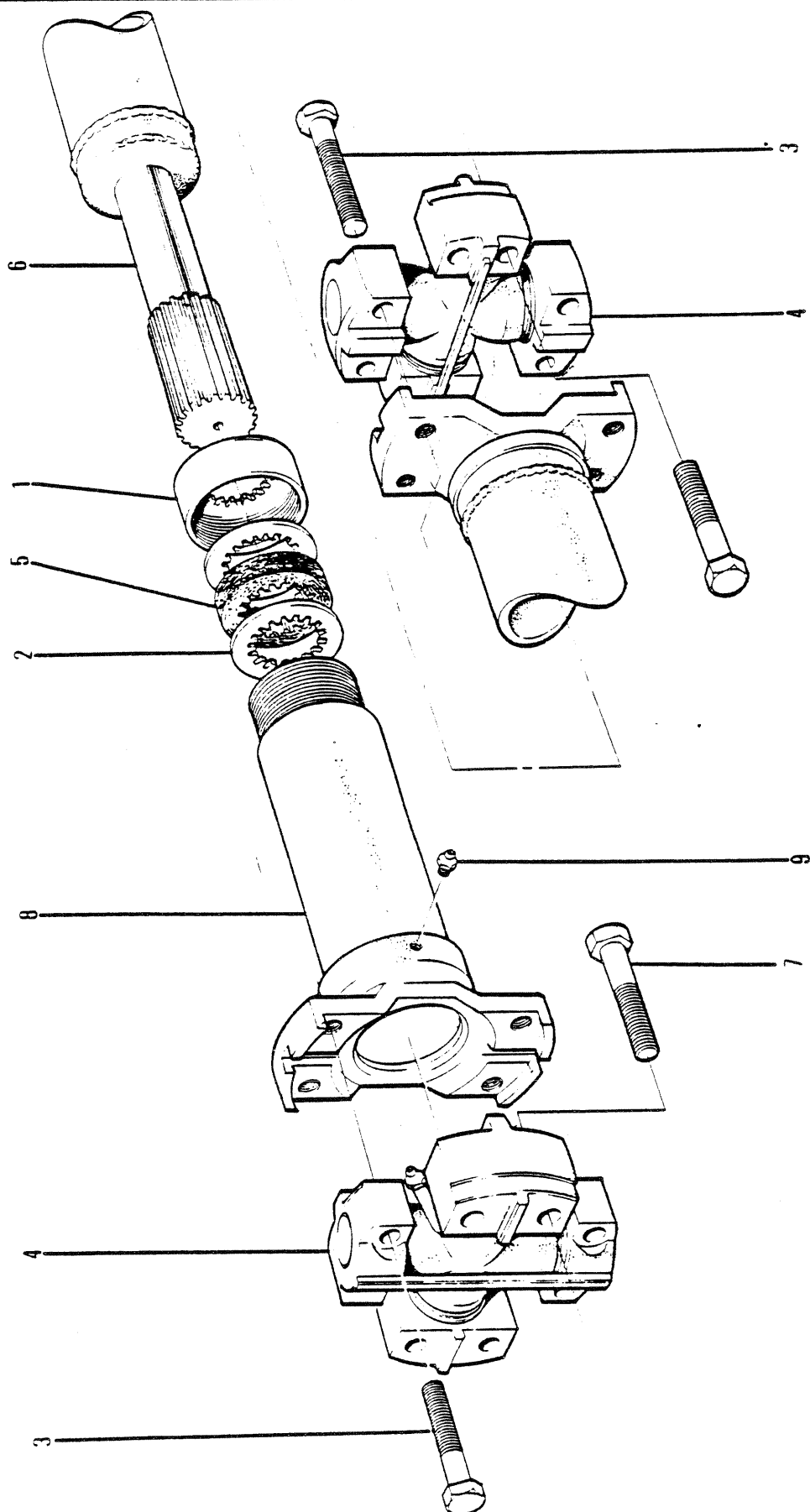


PROPELLER SHAFT ASSEMBLY-TRANSMISSION/WINCH
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1915549	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1992166	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940092	1	Seal	joint étanchéité	Dichtung	vedador	sello
2	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
3	945208	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
5	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
6	1990956	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	1990957	2	Washer	rondelle	Scheibe	arruela	arandela
8	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc B, 1 → 9

² Inc 1, 2, 4, 7, 8

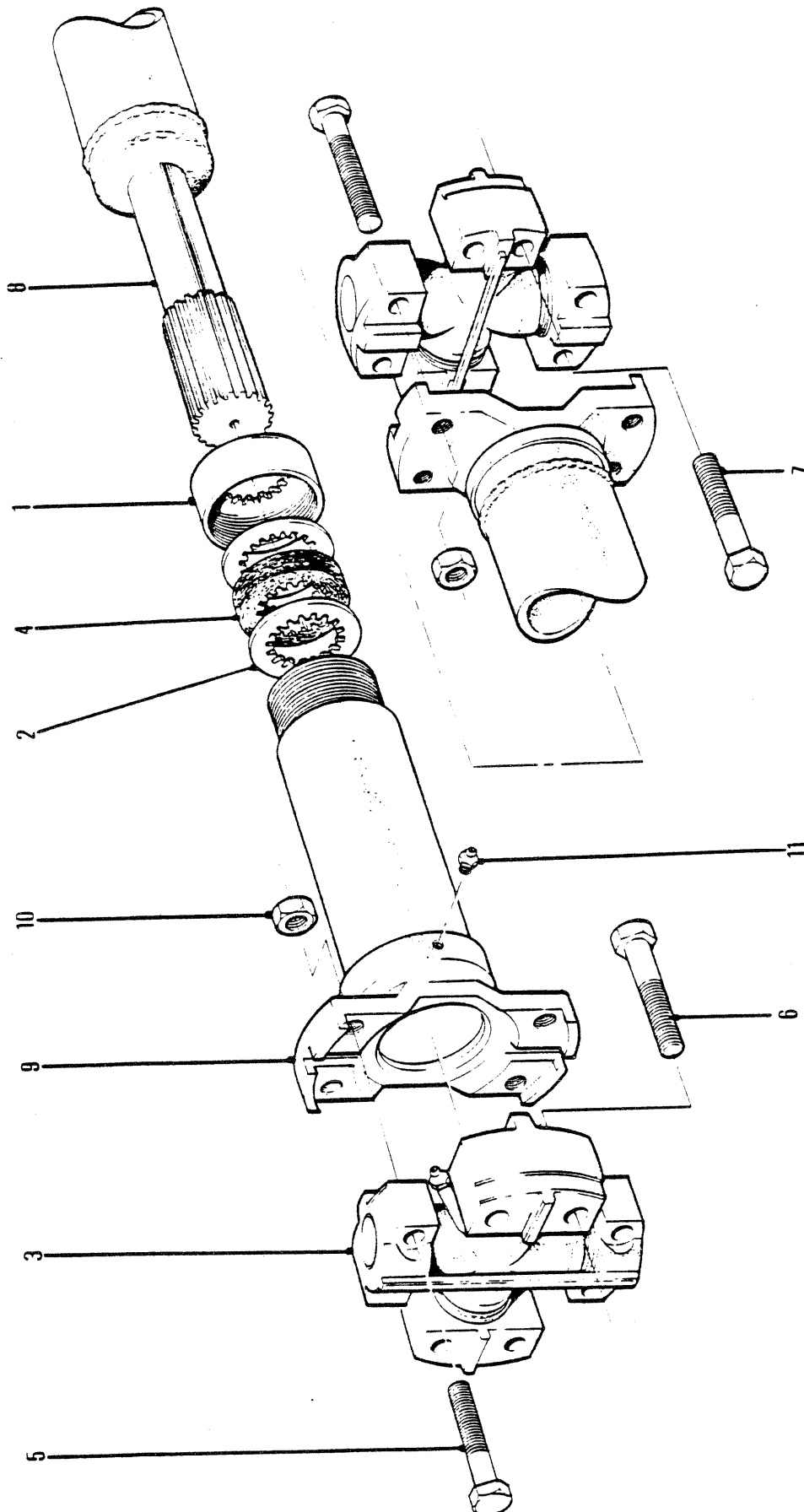


PROPELLER SHAFT ASSEMBLY, TRANSMISSION-FRONT AXLE
ENSEMBLE ARBRE CARDAN, TRANSMISSION-PONT AVANT
PROPELLER WELLENAGGREGAT, ÜBERSETZUNG-VORDERACHSE
CONJUNTO HÉLICE EIXO, TRANSMISSÃO-EIXO FRENTE
CONJUNTO DEL EJE CARDAN, TRANSMISIÓN-EJE DELANTERO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1906870	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1990616	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940250	1	Retainer	arrêtoir	Halterung	retentor	retén
2	940251	2	Washer	rondelle	Scheibe	arruela	arandela
3	18C000832	8	Bolt	boulon	Bolzen	parafuso	bulón
4	942735	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
5	942749	1	Seal	joint étanchéité	Dichtung	vedador	sello
6	1992259	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	18C000840	8	Bolt	boulon	Bolzen	parafuso	bulón
8	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc B & 1 → 9

² Inc 1, 2, 5, 8 & 9

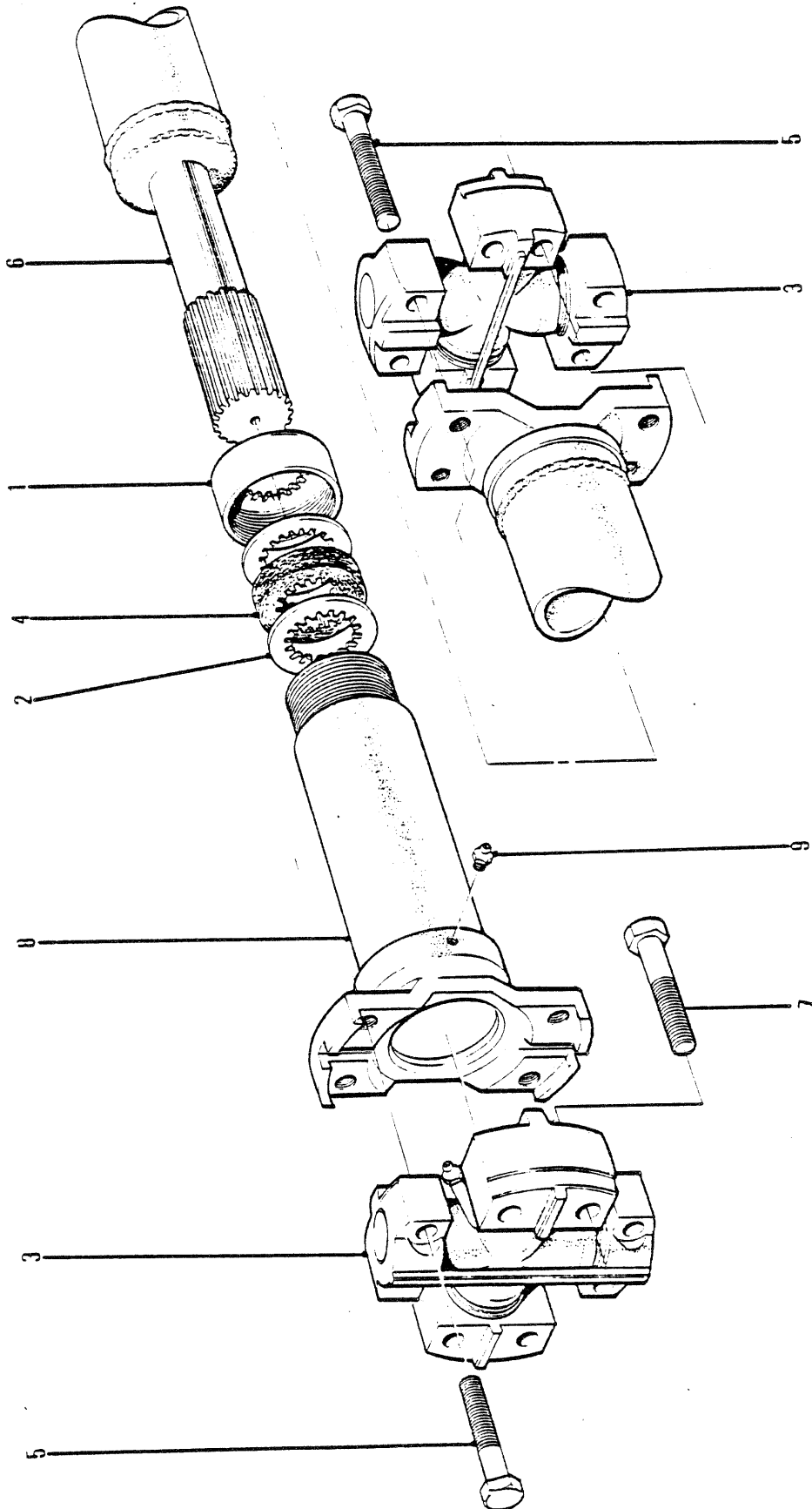


PROPELLER SHAFT ASSEMBLY, REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT, ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR, EIXOS TRASEIORS
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1911562	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1992255	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940250	1	Retainer	arrêtoir	Halterung	retentor	retén
2	940251	2	Washer	rondelle	Scheibe	arruela	arandela
3	942735	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	942749	1	Seal	joint étanchéité	Dichtung	vedador	sello
5	18C000838	8	Bolt	boulon	Bolzen	parafuso	bulón
6	18C000838	4	Bolt	boulon	Bolzen	parafuso	bulón
7	948284	4	Bolt	boulon	Bolzen	parafuso	bulón
8	1990468	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
9	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
10	8D000008	8	Nut	écrou	Mutter	porca	tuerca
11	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc B & 1 → 11

² Inc 1, 2, 4, 9 & 11

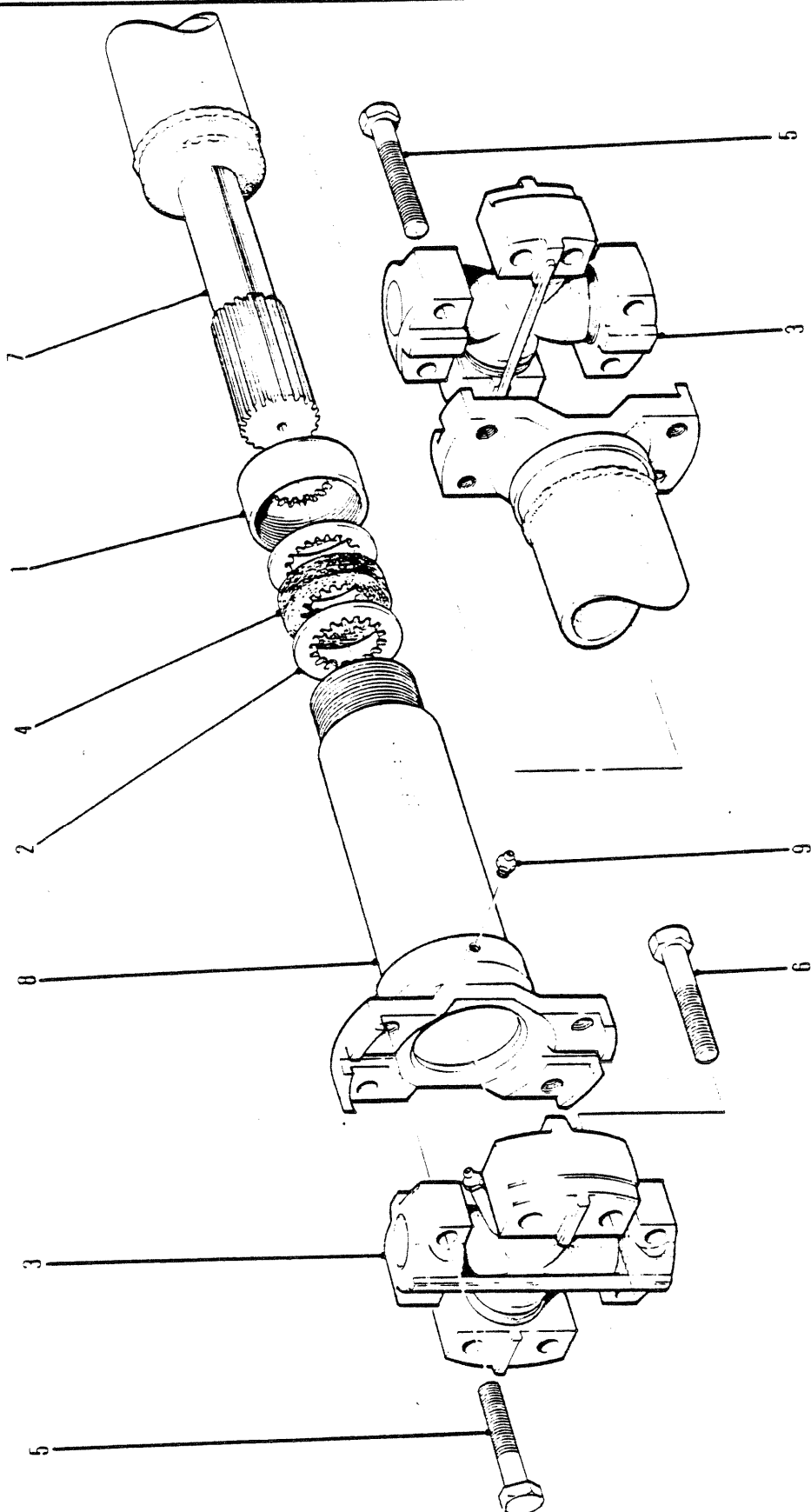


PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG-HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIORS
CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1906956	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1990874	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
1	940250	1	Retainer	arrêtoir	Halterung	retentor	retén
2	940251	2	Washer	rondelle	Scheibe	arruela	arandela
3	942735	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	942749	1	Seal	joint étanchéité	Dichtung	vedador	sello
5	18C000832	12	Bolt	boulon	Bolzen	parafuso	bulón
6	1990873	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	18C000840	8	Bolt	boulon	Bolzen	parafuso	bulón
8	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc B, 1 → 9

² Inc 1, 2, 4, 8 & 9

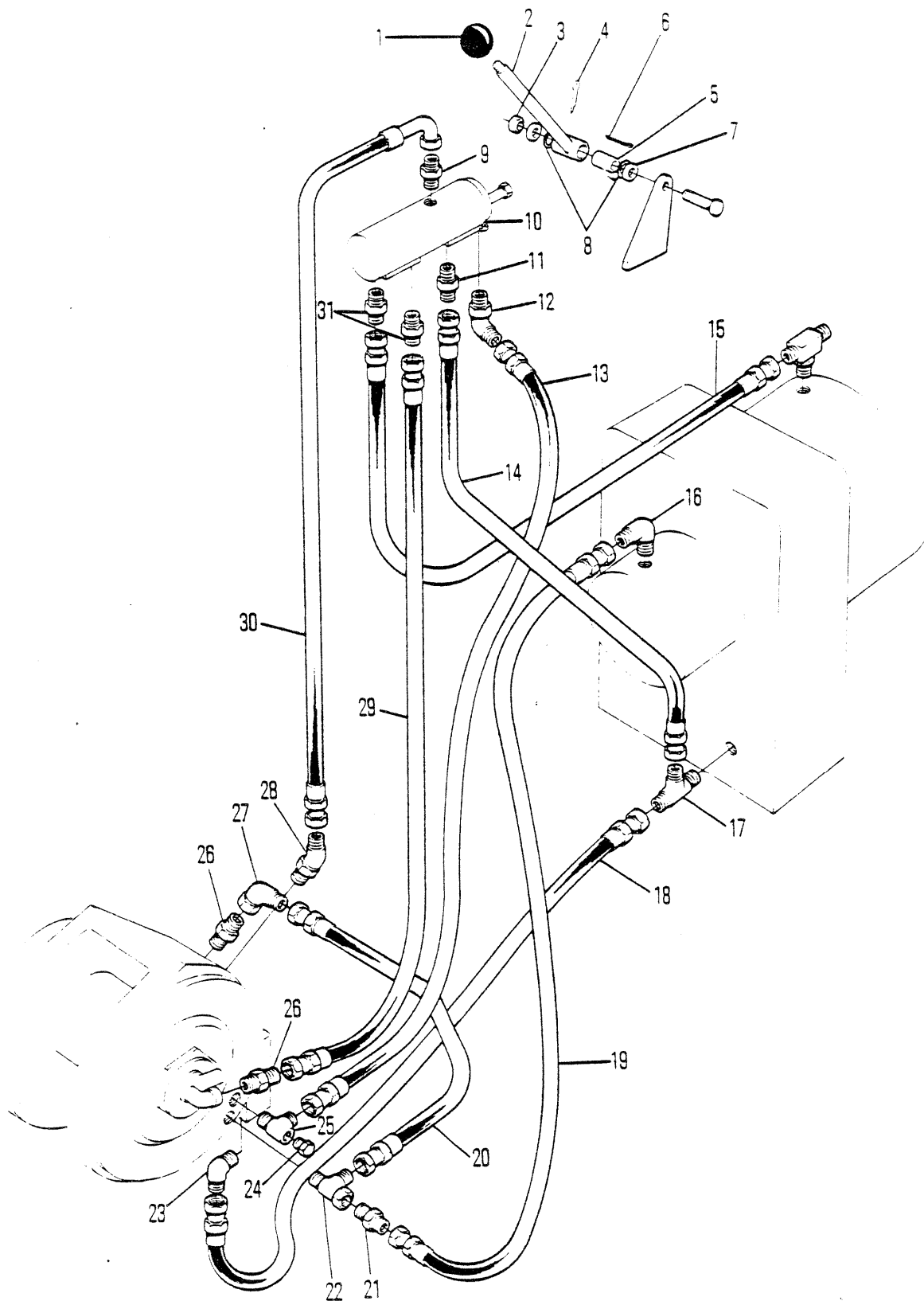


PROPELLER SHAFT ASSEMBLY-TRANSMISSION/MID-MOUNT BEARING
ARBRE D'ENTRAÎNEMENT-TRANSMISSION/PALIER CENTRAL, ENSEMBLE
GELENKWELLE VOLLSTÄNDIG-GETRIEBE/MITTELLAGER
EIXO PROPULSOR-TRANSMISSÃO/MANCAL CENTRAL CONJUNTO
ARBOL PROPULSOR-TRANSMISIÓN/COJINETE CENTRAL CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1906871	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1990422	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940250	1	Retainer	arrêtoir	Halterung	retentor	retén
2	940251	2	Washer	rondelle	Scheibe	arruela	arandela
3	942735	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	942749	1	Seal	joint étanchéité	Dichtung	vedador	sello
5	18C000832	8	Bolt	boulon	Bolzen	parafuso	bulón
6	18C000840	8	Bolt	boulon	Bolzen	parafuso	bulón
7	1990426	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
8	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc B, 1 → 9

² Inc 1, 2, 4, 8 & 9



5412TP

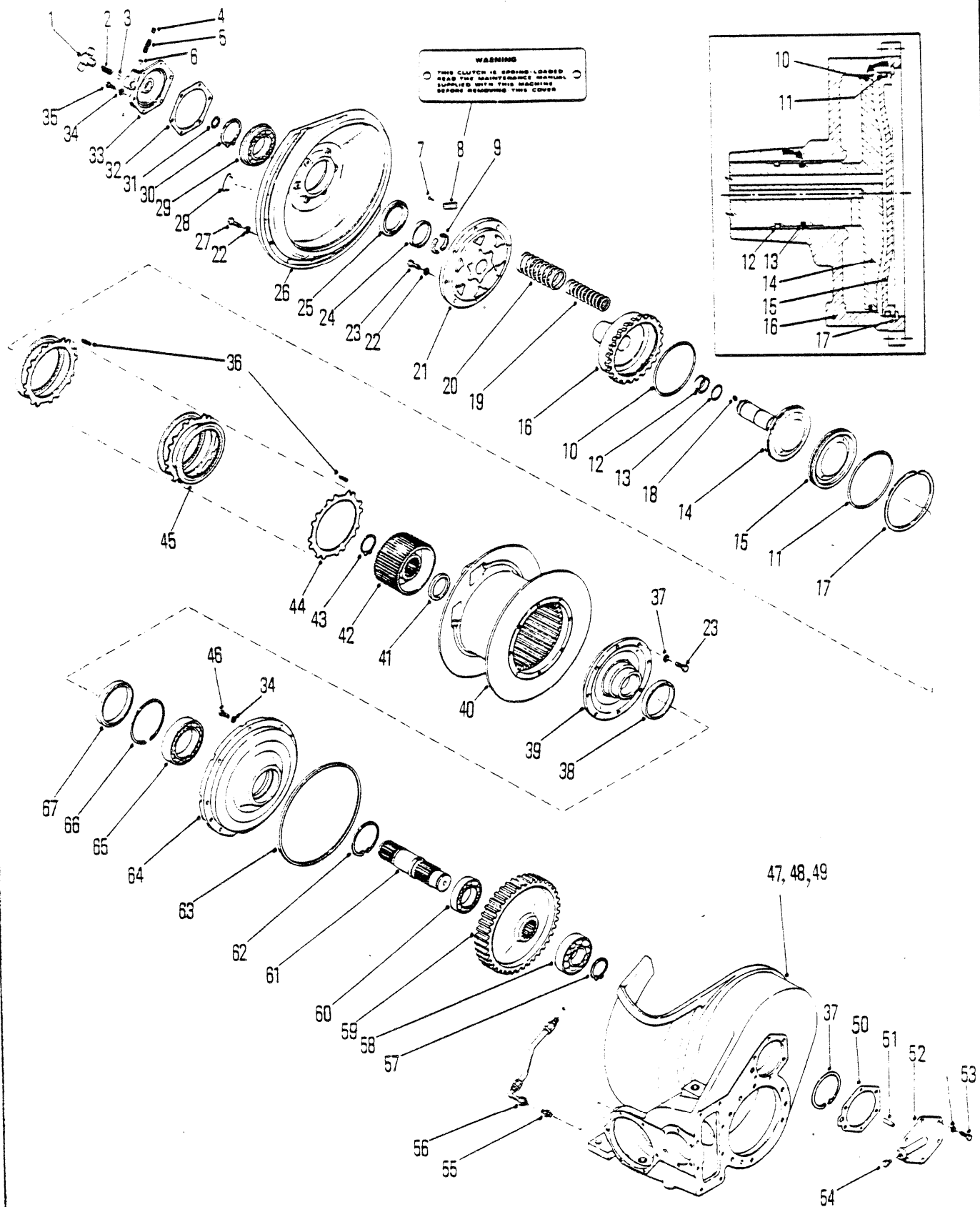
WINCH CONTROLS & HYDRAULICS
COMMANDES DE TREUIL ET D'HYDRAULIQUE
WINDEN- UND HYDRAULIKBEDIENUNG
CONTROLE E HIDRÁULICO DO GUINCHO
CONTROLES E HIDÁULICA DEL GUINCHE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	565389	1	Knob	bouton	Knopf	manipula	botón
2	1924505	1	Lever	levier	Hebel	alavanca	palanca
3	66D000008	1	Nut	écrou	Mutter	porca	tuerca
4	1F000316	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
5	1913819	1	Sleeve	manchon	Muffe	luva	manguito
6	675227	1	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
7	561912	2	Washer	rondelle	Scheibe	arruela	arandela
8	1522535	1	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
9	89F000003	1	Connector	raccord	Verbindungsstück	ligador	conector
10	231200	1	Valve	soupape	Ventil	válvula	válvula
11	89F000007	1	Connector	raccord	Verbindungsstück	ligador	conector
12	18K000005	1	Connector	raccord	Verbindungsstück	ligador	conector
13	1904807	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1916969	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905761	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	430143	1	Tee	raccord T	T-Verbindungsstück	te	te
18	1905133	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1904808	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1905864	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	15K000005	2	Connector	raccord	Verbindungsstück	ligador	conector
22	13K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
23	83F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	41K000002	1	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
25	731368	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
26	15K000005	2	Connector	raccord	Verbindungsstück	ligador	conector
27	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
28	18K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
29	1904807	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1904810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	15K000005	1	Connector	raccord	Verbindungsstück	ligador	conector

WINCH MASTER CONTROL UNIT-CLARK
UNITÉ DE CONTRÔLE PRINCIPAL DU TREUIL-CLARK
HAUPTSTEUEREINHEIT DER WINDE-CLARK
UNIDADE DE CONTRÔLE MESTRE DO GUINCHO-CLARK
UNIDAD MANDO PRINCIPAL DEL GUINCHE-CLARK

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	231200	1	Control assy	ass de contrôle	Steuereinheit	conj de control	conj control
1	202200	1	Spring	ressort	Feder	mola	resorte
2	216267	1	Nut	écrou	Mutter	porca	tuerca
3	217657	1	Washer	rondelle	Scheibe	arruela	arandela
4	222041	1	Stop	butoir	Anschlag	batente	tope
5	230965	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
6	25K040024	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	231258	1	Body	carrosserie	Karosserie	carroçria	carrocería
8	231312	1	Spool valve	bobine soupape	Spuienventil	bobina válvula	carrete válvula
9	231313	1	Sleeve	manchon	Muffe	luva	manguito
10	231314	1	Spring	ressort	Feder	mola	resorte
11	231315	1	Washer	rondelle	Scheibe	arruela	arandela
12	231319	2	Spring	ressort	Feder	mola	resorte
13	231320	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	231321	1	Cover	couvercle	Deckel	tampa	tapa
15	231322	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
16	231386	1	Spool	tiroir	Spule	carretel	carrete
17	231387	2	Retainer	arrêtoir	Halterung	retentor	retén
18	231389	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	234651	1	Seal	joint étanchéité	Dichtung	vedador	sello
20	664140	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
21	784433	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
22	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
23	4E000006	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	10J000012	1	Ball	bille	Kugel	esfera	bola

1 Inc 1 → 24



5375TP

WINCH-CABLE DRUM DRIVE SHAFT & CLUTCH WD-402-4

TREUIL-ARBRE D'ENTRAÎNEMENT DU TAMBOR DE CÂBLE ET EMBRAYAGE WD-402-4

WINDE-ANTRIEBSWELLE DER SEILTROMMEL UND KUPPLUNG WD-402-4

GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS E EMBREAGEM WD-402-4

GUINCHE-ARBOL IMPULSOR DEL TAMBOR DE CABLES Y EMBRAGUE WD-402-4

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	283955	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	207873	1	Screw	vis	Schraube	parafuso	tornillo
8	232338	1	Tag	etiquette	Etikett	etiqueta	etiqueta
9	231811	2	Ring	anneau	Ring	anel	anillo
10	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
11	25K040716	1	O ring	joint torique	O ring	anel-O	anillo-O
12	25K040200	2	O ring	joint torique	O ring	anel-O	anillo-O
13	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	232245	1	Clutch	embrayage	Kupplung	embreagem	embrague
15	232240	1	Plug	bouchon	Stopfen	bujão	tapón
16	232239	1	Piston	piston	Kolben	pistão	pistón
17	223989	1	Ring	anneau	Ring	anel	anillo
18	231231	1	Plug	bouchon	Stopfen	bujão	tapón
19	231333	6	Spring	ressort	Feder	mola	resorte
20	231332	6	Spring	ressort	Feder	mola	resorte
21	234597	1	Drum support	support du tambour	Trommelstütze	suporte do tambor	soporte del tambour
22	4E000008	25	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	17C000824	16	Bolt	boulon	Bolzen	parafuso	bulón
24	5S-----	1	Sleeve	manchon	Muffe	luva	manguito
25	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
26	232901	1	Cover	couvercle	Deckel	tampa	tapa
27	1C000822	9	Bolt	boulon	Bolzen	parafuso	bulón
28	222418	1	Plug	bouchon	Stopfen	bujão	tapón
29	231338	1	Bearing	palier	Lager	mancal	cojinete
30	225313	1	Ring	anneau	Ring	anel	anillo
31	223084	1	Ring	anneau	Ring	anel	anillo
32	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
33	232943	1	Cap	chapeau	Kappe	tampa	tapa
34	4E000006	20	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	1C000618	6	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
36	233029	12	Spring	ressort	Feder	mola	resorte
37	711178	1	Ring	anneau	Ring	anel	anillo
38	231843	1	Sleeve	manchon	Muffe	luva	manguito
39	232574	1	Support	support	Abstützung	suporte	soporte
40	232369	1	Drum	tambour	Trommel	tambor	tambor
41	234761	1	Seal	joint étanchéité	Dichtung	vedador	sello
42	232370	1	Hub&washer assy	ass moyeu et rond	Nabe & Beilageinh	cubo e conj arr	conj cubo y aran
43	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
44	232285	19	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo

¹ Inc 18

² Inc 38

³ Inc 24

⁴ Inc 1 → 68, Ref A6 24300

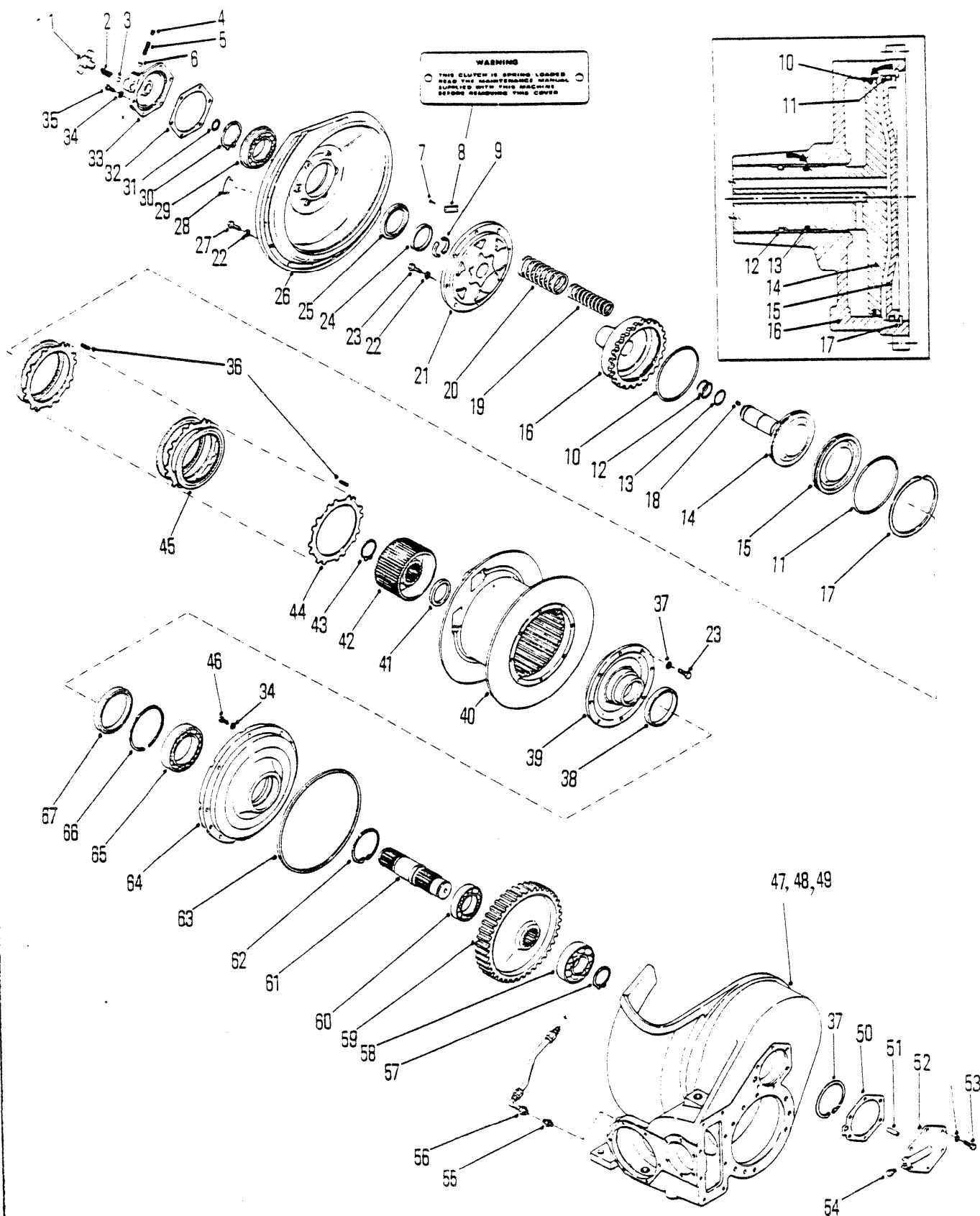
⁵ See 21

⁵ Voir 21

⁵ Siehe 21

⁵ Veja 21

⁵ Véase 21



5375TP

WINCH-CABLE DRUM DRIVE SHAFT & CLUTCH WD-402-4

TREUIL-ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE ET EMBRAYAGE WD-402-4

WINDE-ANTRIEBSWELLE DER SEILTROMMEL UND KUPPLUNG WD-402-4

GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS E EMBREAGEM WD-402-4

GUINCHE-ARBOL INPULSOR DEL TAMBOR DE CABLES Y EMBRAGUE WD-402-4

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
45	232628	18	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
46	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
47	233859	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche
48	220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
49	207878	2	Screw	vis	Schraube	parafuso	tornillo
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	1C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
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

¹ Inc 18

² Inc 38

³ Inc 24

⁴ Inc 1 → 68, Ref A6 24300

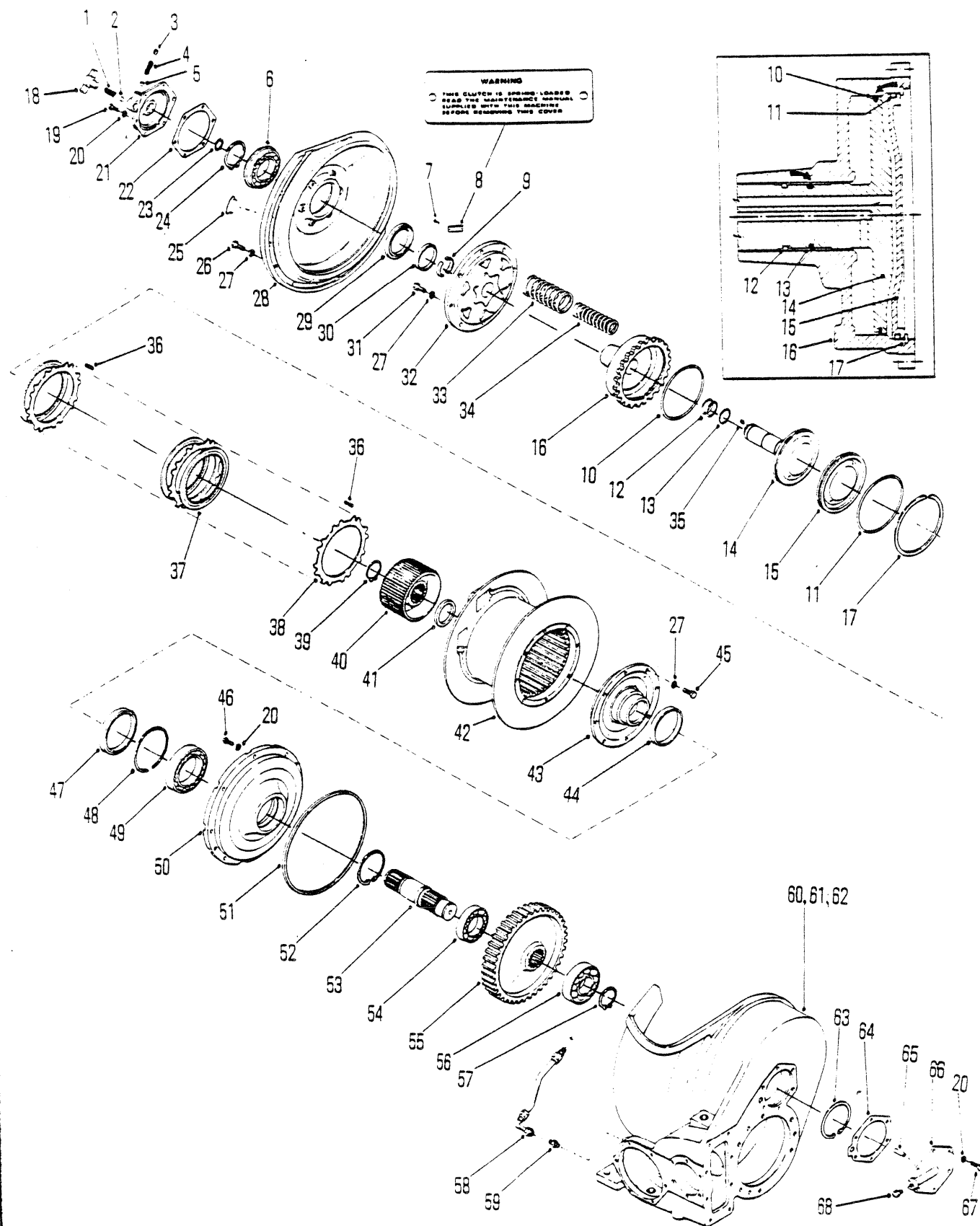
⁵ See 21

⁵ Voir 21

⁵ Siehe 21

⁵ Veja 21

⁵ Véase 21



5377TP

WINCH-CABLE DRUM DRIVE SHAFT & CLUTCH WD-412-1

TREUIL-ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE ET EMBRAYAGE WD-412-1

WINDE-ANTRIEBSWELLE DER SEILTROMMEL UND KUPPLUNG WD-412-1

GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS E EMBREAGEM WD-412-1

GUINCH-ARBOL IMPULSOR DEL TAMBOR DE CABLES Y EMBRAQUE WD-412-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	284248	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	232903	1	Spring	ressort	Feder	mola	resorte
2	232904	1	Button	bouton	Knopf	botão	botón
3	16F000006	1	Plug	bouchon	Stopfen	bujão	tapón
4	201413	1	Spring	ressort	Feder	mola	resorte
5	232947	1	Lock	serrure	Schloss	fechadura	cerradura
6	231338	1	Bearing	palier	Lager	mancal	cojinete
7	207873	1	Screw	vis	Schraube	parafuso	tornillo
8	232338	1	Tag	etiquette	Etikett	etiqueta	etiqueta
9	231811	2	Ring	anneau	Ring	anel	anillo
10	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
11	25K040716	1	O-ring	joint torique	O Ring	anel-O	anillo-O
12	25K040200	2	O-ring	joint torique	O Ring	anel-O	anillo-O
13	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	239216	1	Shaft	arbre	Welle	ávore	árbol
15	232240	1	Plug	bouchon	Stopfen	bujão	tapón
16	232239	1	Piston	piston	Kolben	pistão	pistón
17	223989	1	Ring	anneau	Ring	anel	anillo
18	232944	1	Bolt	boulon	Bolzen	parafuso	bulón
19	1C000618	6	Cap screw	vis à tête	Kopfschraube	parafuso de cabeça	tornillo de presión
20	4E000006	20	Gasket	garniture	Dichtung	gaxeta	empaquetadura
21	232943	1	Cap	chapeau	Kappe	tampa	tapa
22	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
23	223084	1	Ring	anneau	Ring	anel	anillo
24	225313	1	Ring	anneau	Ring	anel	anillo
25	222418	1	Plug	bouchon	Stopfen	bujão	tapón
26	1C000822	9	Bolt	boulon	Bolzen	parafuso	bulón
27	4E000008	25	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	232901	1	Cover	couvercle	Deckel	tampa	tapa
29	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
30	5S-----	1	Sleeve	manchon	Muffe	luva	manguito
31	1C000827	8	Bolt	boulon	Bolzen	parafuso	bulón
32	234597	1	Drum support	support du tambour	Trommelstütze	suporte do tambor	soporte del tambour
33	231332	6	Spring	ressort	Feder	mola	resorte
34	231333	6	Spring	ressort	Feder	mola	resorte
35	231231	1	Plug	bouchon	Stopfen	bujão	tapón
36	233029	12	Spring	ressort	Feder	mola	resorte
37	232628	18	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
38	232635	18	Disc outer .067in	disque exterieur	Scheibe aussen	disco exterior	disco externo
39	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
40	232370	1	Hub&washer 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	232369	1	Drum	tambour	Trommel	tambor	tambor
43	232574	1	Support	support	Abstützung	suporte	soporte
44	231843	1	Sleeve	manchon	Muffe	luva	manguito
45	17C000824	32	Bolt	boulon	Bolzen	parafuso	bulón

1 Inc 15

2 Inc 28

3 Inc 67

4 Inc 1 → 68, Ref A6 24400

5 See 47

5 Voir 47

5 Siehe 47

5 Veja 47

5 Véase 47

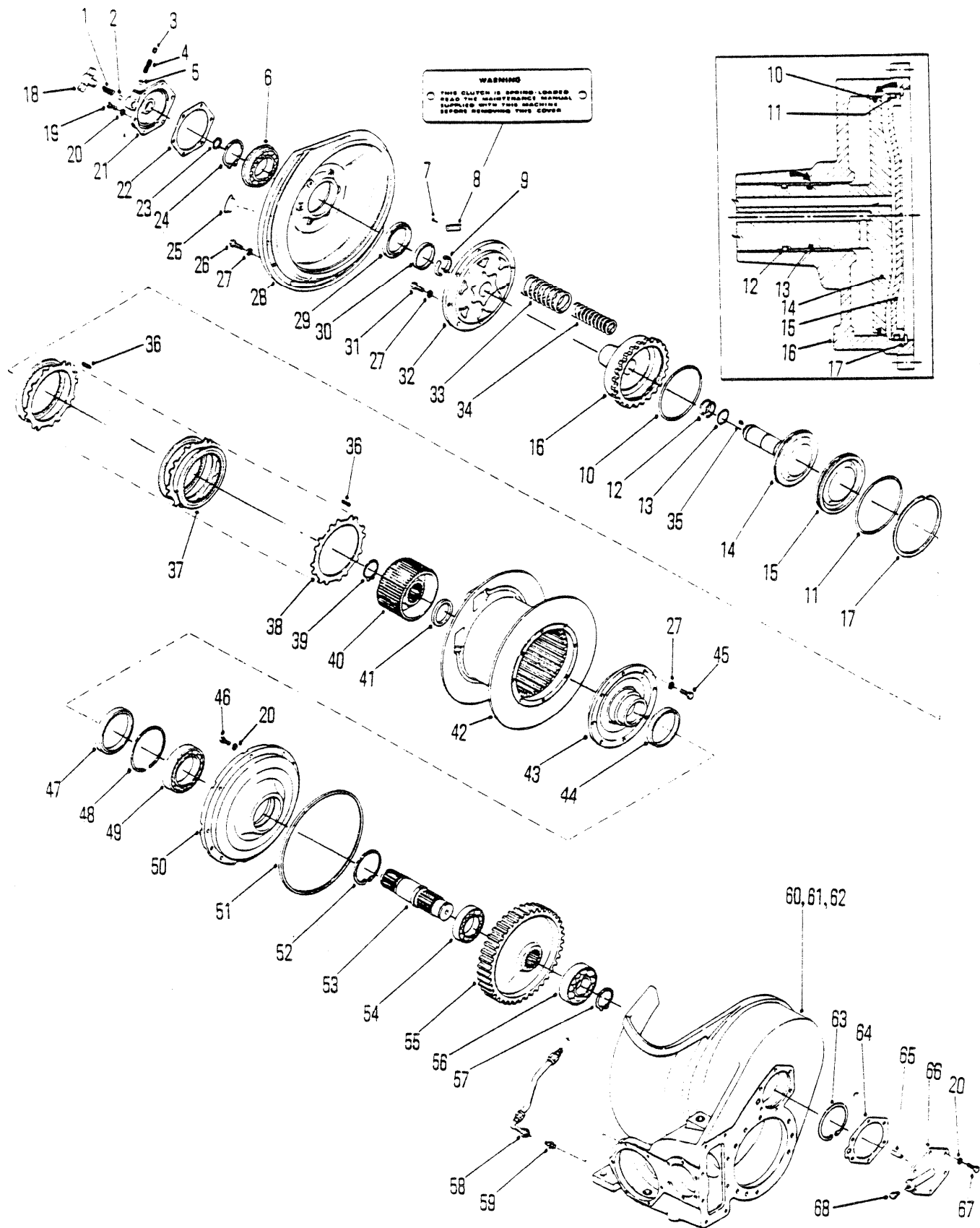
6 When servicing free spool discs, shim to maintain 6.669-6.768 dim.

6 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.

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

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

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



5377TP

WINCH-CABLE DRUM DRIVE SHAFT & CLUTCH WD-412-1

TREUIL-ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE ET EMBRAYAGE WD-412-1

WINDE-ANTRIEBSWELLE DER SEILTROMMEL UND KUPPLUNG WD-412-1

GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS E EMBREAGEM WD-412-1

GUINCH-ARBOL INPULSOR DEL TAMBOR DE CABLES Y EMBRAGUE WD-412-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
47	231842	1	Seal	joint étanchéité	Dichtung	vedador	sello
48	217693	1	Ring	anneau	Ring	anel	anillo
49	225800	1	Bearing	palier	Lager	mancal	cojinete
50	231294	1	Support	support	Abstützung	suporte	soporte
51	218777	1	O-ring	joint torique	O Ring	anel-O	anillo-O
52	952160	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
53	231290	1	Shaft	arbre	Welle	ávore	árbol
54	774623	1	Bearing	palier	Lager	mancal	cojinete
55	232368	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
56	225793	1	Bearing	palier	Lager	mancal	cojinete
57	230067	9	Bolt	boulon	Bolzen	parafuso	bulón
58	231399	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
59	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
60	233859	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche
61	220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
62	207878	2	Screw	vis	Schraube	parafuso	tornillo
63	711178	1	Ring	anneau	Ring	anel	anillo
64	231293	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
65	222031	1	Tube	tube	Rohr	tubo	tubo
66	231292	1	Cover	couvercle	Deckel	tampa	tapa
67	1C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
68	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón

¹ Inc 15

² Inc 28

³ Inc 67

⁴ Inc 1 → 68, Ref A6 24400

⁵ See 47

⁵ Voir 47

⁵ Siehe 47

⁵ Veja 47

⁵ Véase 47

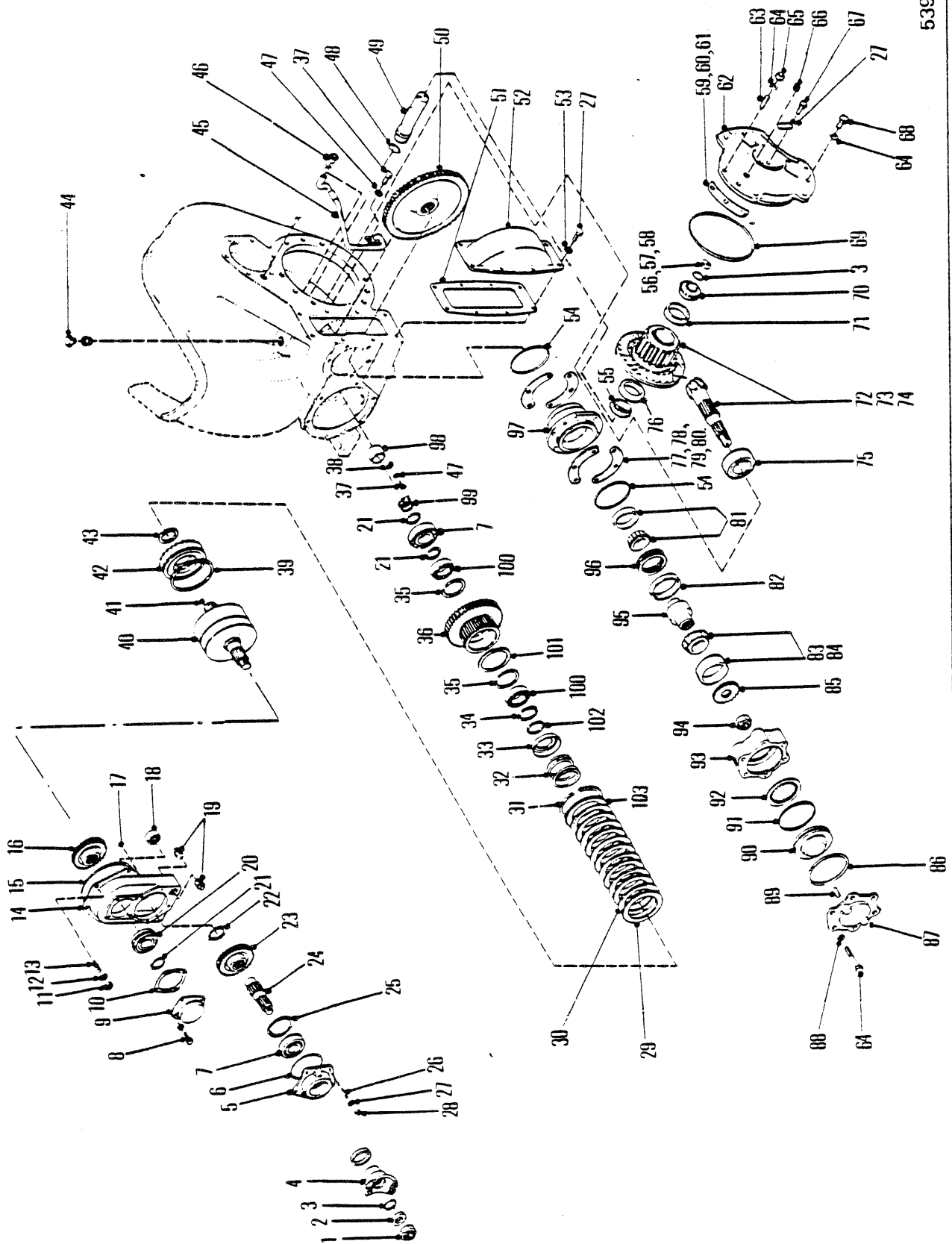
⁶ When servicing free spool discs, shim to maintain 6.669-6.768 dim.

⁶ 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.

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

⁶ Para o serviço e manutenção do disco com carrete livre usar calço para manterlo com 6.669-6.768 dim.

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



5390TP

WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-402-4

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-402-4

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-402-4

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

COM QUEDA DE ENGRENAGEM WD-402-4

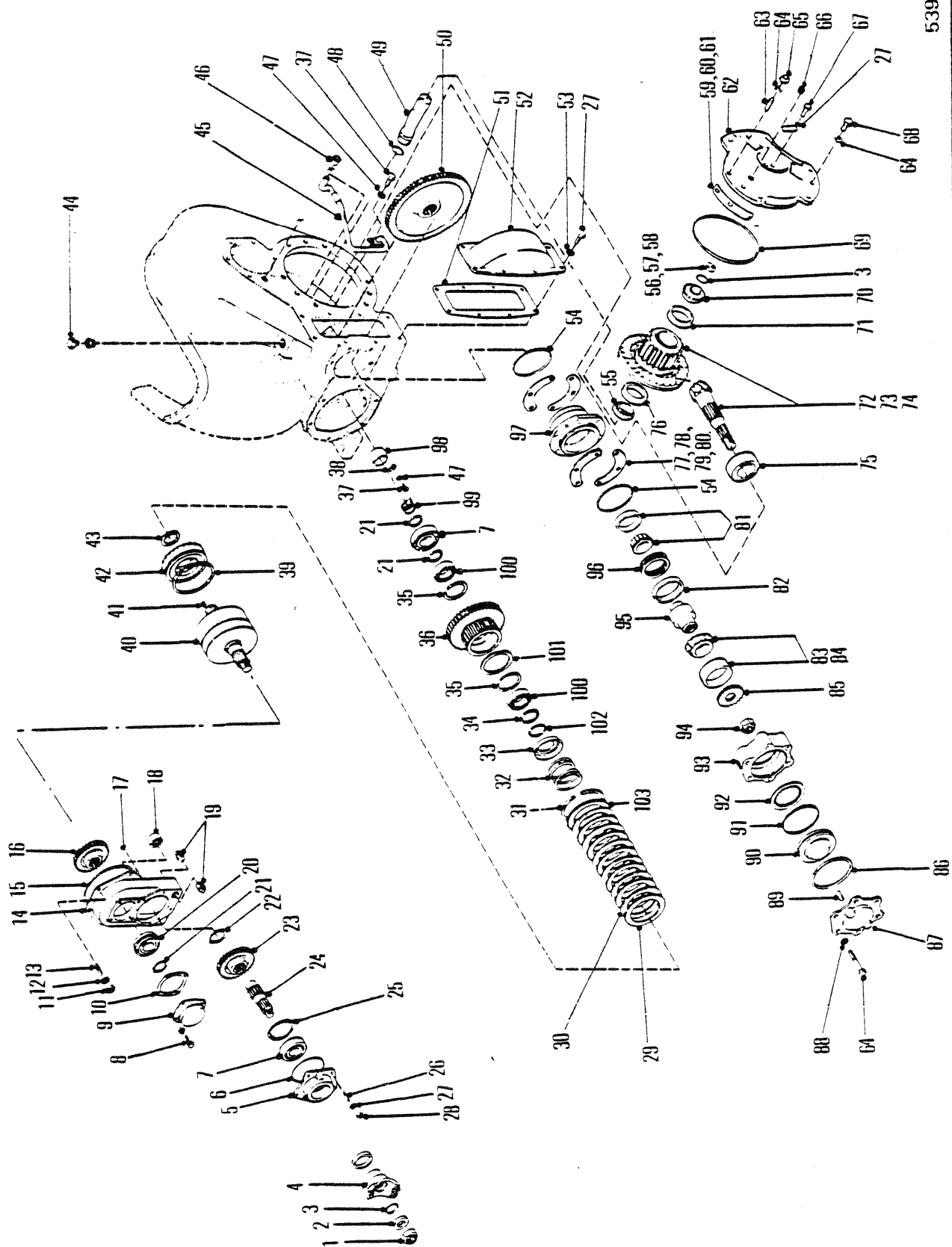
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON

CON ENGRENAGE CAIDA WD-402-4

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	216058	1	Nut	écrou	Mutter	porca	tuerca
2	102745	1	Washer	rondelle	Scheibe	arruela	arandela
3	25K040112	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	231553	1	Flange	bride	Flansch	flange	brida
5	235091	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
6	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	743439	2	Bearing	palier	Lager	mancal	cojinete
8	233128	4	Screw	vis	Schraube	parafuso	tornillo
9	221408	1	Cap	chapeau	Kappe	tampa	tapa
10	202076	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
11	2D000006	6	Nut	écrou	Mutter	porca	tuerca
12	4E000006	22	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	203253	12	Stud	goujon	Stift	prisioneiro	espárrago
14	232281	1	Housing	botier	Gehuse	carcaça	carcasa
15	25K040724	1	O-ring	joint torique	O Ring	anel-O	anillo-O
16	232559	1	Gear drop	réducteur à engren	Getriebeabfall	queda de engrenagem	caída del engranaje
17	25K020014	2	O-ring	joint torique	O Ring	anel-O	anillo-O
18	232282	1	Bearing	palier	Lager	mancal	cojinete
19	13F000016	2	Plug	bouchon	Stopfen	bujão	tapón
20	225956	2	Bearing	palier	Lager	mancal	cojinete
21	224083	3	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
22	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
23	216938	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
24	232283	1	Shaft	arbre	Welle	ávore	árbol
25	223901	1	Ring	anneau	Ring	anel	anillo
26	226862	5	Stud	goujon	Stift	prisioneiro	espárrago
27	4E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	2D000107	5	Nut	écrou	Mutter	porca	tuerca
29	224772	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
30	230911	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
31	215190	1	Ring	anneau	Ring	anel	anillo
32	230822	1	Spring	ressort	Feder	mola	resorte
33	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
34	654613	1	Ring	anneau	Ring	anel	anillo
35	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
36	231743	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
37	1C000510	2	Screw	vis	Schraube	parafuso	tornillo
38	230851	1	Lock	serrure	Schloss	fechadura	cerradura
39	224771	1	Ring	anneau	Ring	anel	anillo
40	235563	1	Drum&Shaft assy	tambour&arbre ens	Trommel&Welle voll	tambour&eixo conj	tambour&eje conj
41	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
42	802164	1	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
43	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
44	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero

¹ Ref A6 23150

² Inc 76



5390TP

WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-402-4

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-402-4

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-402-4

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

COM QUEDA DE ENGRENAGEM WD-402-4

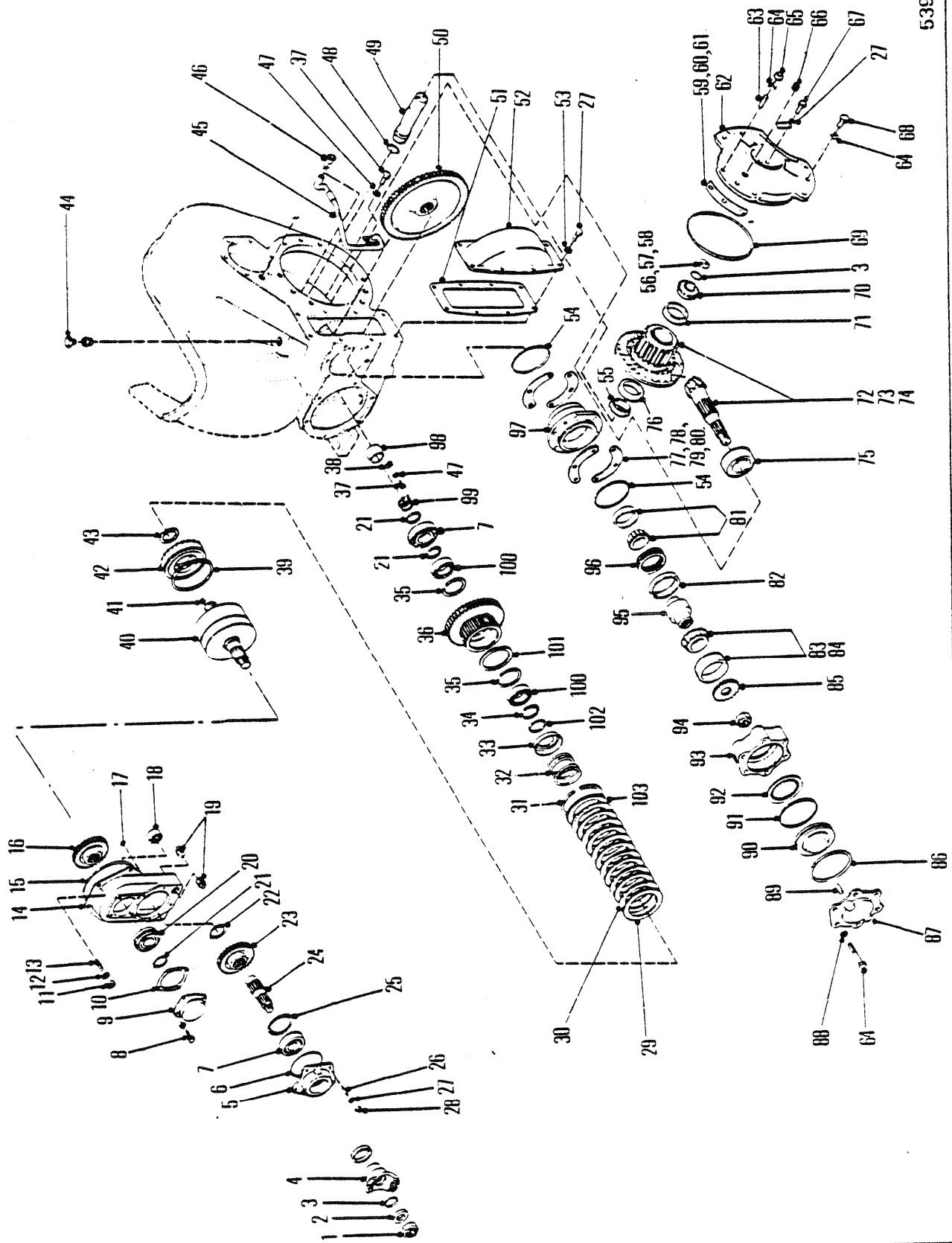
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓ GRUPO EJE CORONA CON

CON ENGRENAGE CAIDA WD-402-4

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
45	232348	1	Tube	tube	Rohr	tubo	tubo
46	222067	1	Sleeve	manchon	Muffe	luva	manguito
47	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
48	25K040200	1	O ring	joint torique	O ring	anel-O	anillo-O
49	232363	1	Shaft	arbre	Welle	ávore	árbol
50	231744	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
51	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
52	231278	1	Cover	couvercle	Deckel	tampa	tapa
53	1C000722	8	Screw	vis	Schraube	parafuso	tornillo
54	25K040428	2	O-ring	joint torique	O Ring	anel-O	anillo-O
55	232362	1	Cone	cône	Kegel	cone	cono
56	231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
57	231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
58	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
59	232365	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
60	232366	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
61	232367	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
62	233194	1	Cover	couvercle	Deckel	tampa	tapa
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	Bolzen	parafuso	bulón
68	1C000820	4	Screw	vis	Schraube	parafuso	tornillo
69	25K041000	1	O-ring	joint torique	O Ring	anel-O	anillo-O
70	1314774	1	Cone	cône	Kegel	cone	cono
71	1314773	1	Cup	cuvette	Schale	capa	cubeta
72	233302	1	Hub	moyeu	Nabe	cubo	cubo
73	9C000814	12	Bolt	boulon	Bolzen	parafuso	bulón
74	233361	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
75	225844	1	Roller	galet	Rolle	rolete	rodillo
76	1304638	1	Cup	cuvette	Schale	capa	cubeta
77	231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
78	231275	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
79	231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
80	232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
81	223222	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
82	233850	1	Retainer	arrêtoir	Halierung	retentor	retén
83	232355	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
84	232356	1	Bearing race	gorge roulement	Kugellagerlaufing	pista rolamento	pista radmiento
85	232160	1	Hub	moyeu	Nabe	cubo	cubo
86	25K040500	2	O-ring	joint torique	O Ring	anel-O	anillo-O
87	232158	1	Cover	couvercle	Deckel	tampa	tapa
88	1C0000864	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
89	211853	1	Pin	goupille	Stift	pino	pasador

¹ Ref A6 23150

² Inc 76



5390TP

WINCH-INPUT CLUTCH, PINION SHAFT, RING GEAR SHAFT

WITH DROP GEAR GROUP WD-402-4

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-402-4

WINDE-EINGANGSKUPPLUNG, RITZELWELLE, GEKRÖPFTE ZAHNKRANZWELLE WD-402-4

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

COM QUEDA DE ENGRENAGEM WD-402-4

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

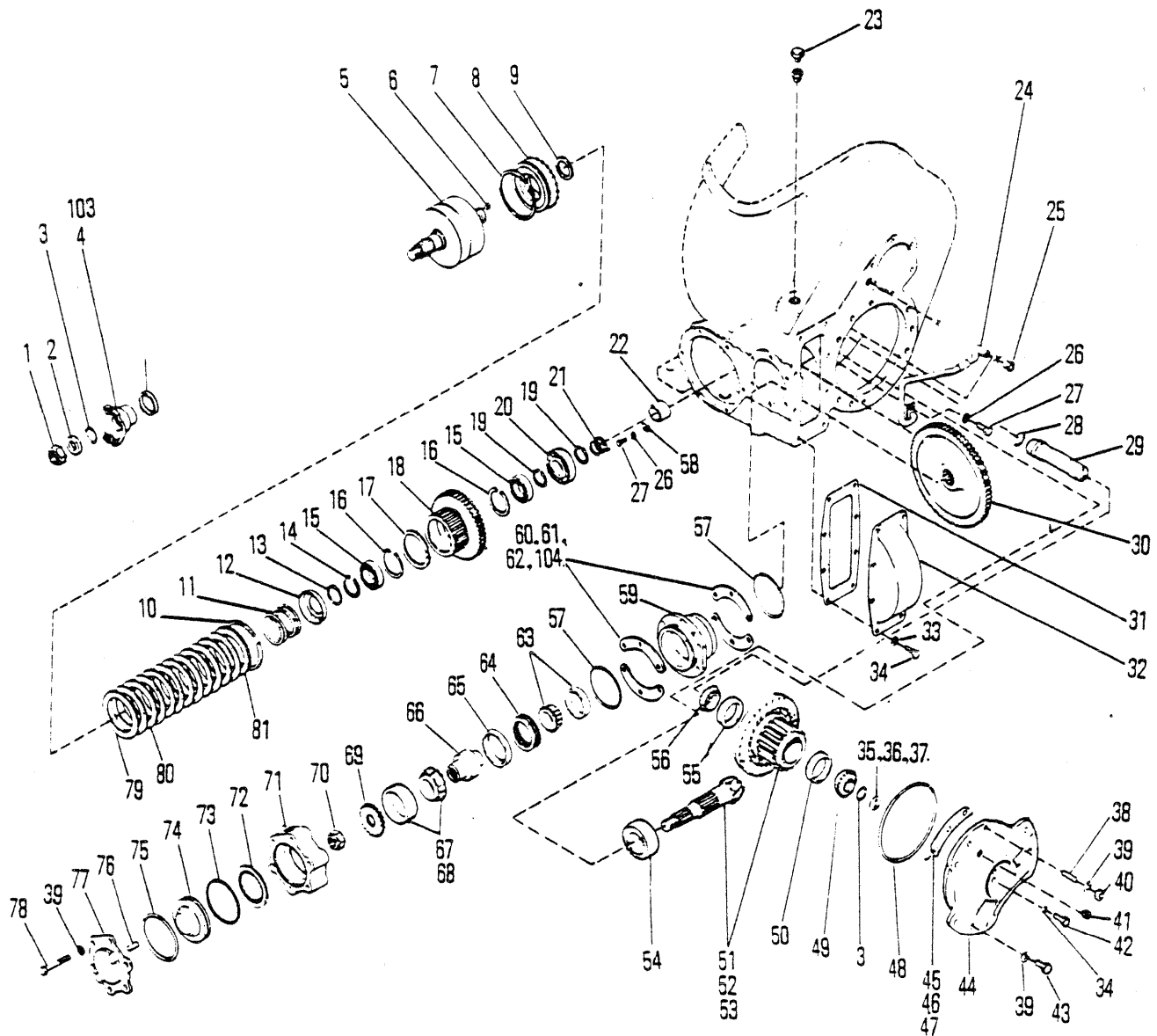
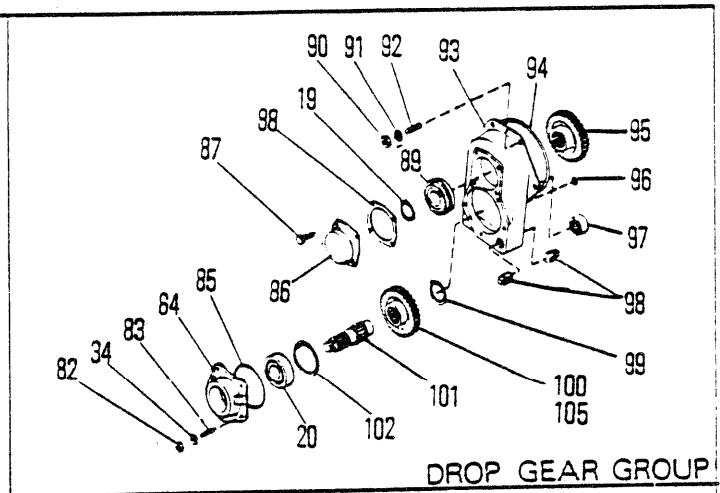
CON ENGRENAGE CAIDA WD-402-4

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
90	232157	1	Piston	piston	Kolben	pistão	pistón
91	217420	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
92	232159	1	Disc	disque	Scheibe	disco	disco
93	232357	1	Housing	botier	Gehuse	carcaça	carcasa
94	66D000020	1	Nut	écrou	Mutter	porca	tuerca
95	232350	1	Race	course	Laufring	canaleta	vía
96	232351	1	Sprag assy	ass de bras danc	Bremsklotzeinheit	conj de calços	conjunto del calzo
97	232349	1	Sprag	bras dancrage	Bremsklotz	colço	calzo
98	232346	1	Race	course	Laufring	canaleta	vía
99	215183	2	Ring	anneau	Ring	anel	anillo
100	230829	2	Bearing	palier	Lager	mancal	cojinete
101	731160	1	Ring	anneau	Ring	anel	anillo
102	232141	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
103	224774	1	End plate	plaque d'extrémité	Endplatte	placa terminal	placa extrema

¹ Ref A6 23150

² Inc 76

RANGER



5384TP

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

WD-412-1 & WD-411-2 & WD-411-3

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-412-1 & WD-411-2 & WD-411-3

WINDE-EINGANGSKUPPLUNG, RITZELWELLE,GEKRÖPFTE ZAHNKRANZWELLE

WD-412-1 & WD-411-2 & WD-411-3

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

COM QUEDA DE ENGRENAGEM WD-412-1 & WD-411-2 & WD-411-3

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

DE CAIDA WD-412-1 & WD-411-2 & WD-411-3

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
B	8 [†] 801790	1	Bearing Kit	ens de roulement	Lagersatz	conj do rolamento	conj cojinete
1	216058	1	Nut	écrou	Mutter	porca	tuerca
2	102745	1	Washer	rondelle	Scheibe	arruela	arandela
3	25K040112	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	7 [‡] 231553	1	Flange	bride	Flansch	flange	brida
5	5 [§] 235563	1	Drum&shaft assy	tambour&arbre ens	Trommel&Welle vollst	tambor&eixo conj	tambor&eje conj
6	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
7	224771	1	Ring	anneau	Ring	anel	anillo
8	802164	1	Piston Kit	jeu de pistons	Kolbensatz	jogo de pistão	juego de pistón
9	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	215190	1	Ring	anneau	Ring	anel	anillo
11	230822	1	Spring	ressort	Feder	mola	resorte
12	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
13	4 [¶] 232141	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	654613	1	Ring	anneau	Ring	anel	anillo
15	230829	2	Bearing	palier	Lager	mancal	cojinete
16	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
17	731160	1	Ring	anneau	Ring	anel	anillo
18	231743	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
19	224083	3	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
20	743439	2	Bearing	palier	Lager	mancal	cojinete
21	215183	2	Ring	anneau	Ring	anel	anillo
22	232346	1	Race	course	Laufring	canaleta	via
23	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
24	232348	1	Tube	tube	Rohr	tubo	tubo
25	222067	1	Sleeve	manchon	Muffe	luva	manguito
26	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	1C000510	2	Screw	vis	Schraube	parafuso	tornillo
28	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
29	232363	1	Shaft	arbre	Welle	ávore	árbol
30	231744	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
31	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	231278	1	Cover	couvercle	Deckel	tampa	tapa
33	1C000722	8	Screw	vis	Schraube	parafuso	tornillo
34	4E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	‡231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM

1 Ref A6 23250

2 □WD-411-2

3 □WD-411-3

4 ■WD-411-2

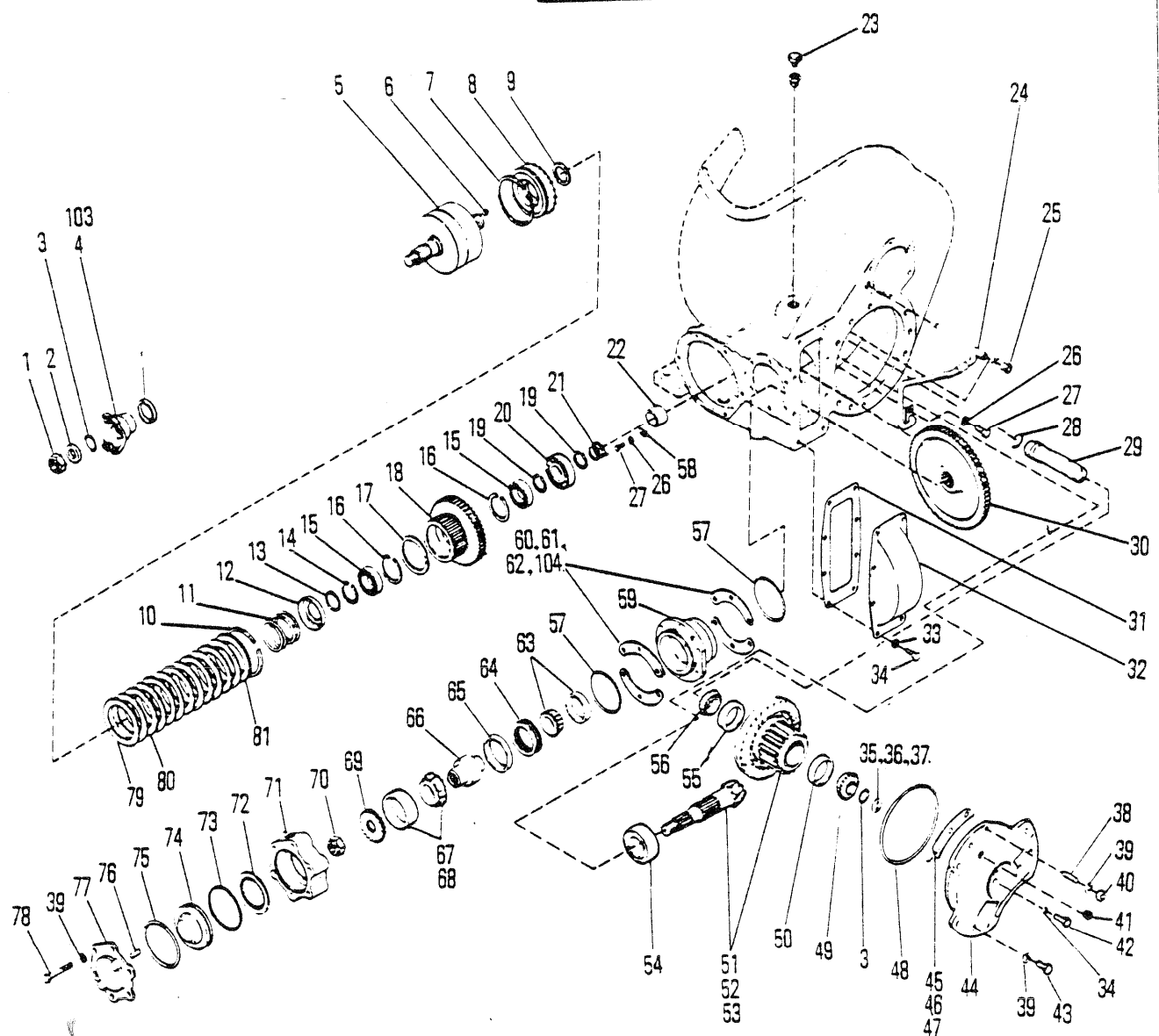
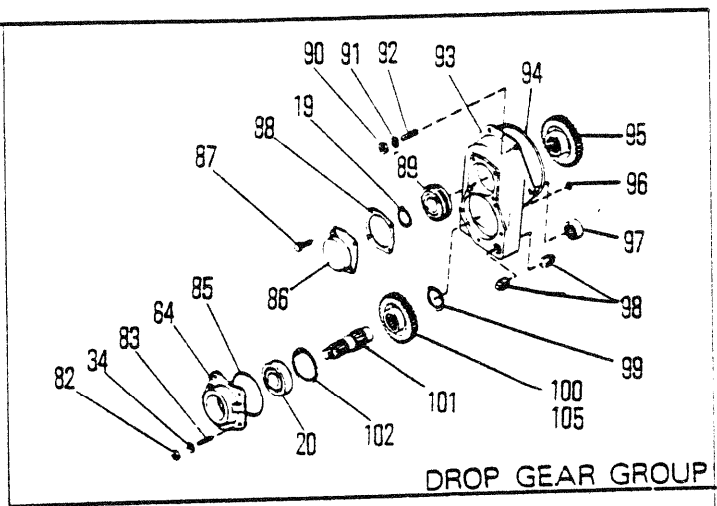
5 Inc. 90

6 Inc. 81

7 □WD-412-1

8 Inc 51 & 52

RANGER



5384TP

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

WD-412-1 & WD-411-2 & WD-411-3

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-412-1 & WD-411-2 & WD-411-3

WINDE-EINGANGSKUPPLUNG, RITZELWELLE,GEKRÖPFTE ZAHNKRANZWELLE

WD-412-1 & WD-411-2 & WD-411-3

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

COM QUEDA DE ENGRENAGEM WD-412-1 & WD-411-2 & WD-411-3

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

DE CAIDA WD-412-1 & WD-411-2 & WD-411-3

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	±231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
37	±231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
38	206770	1	Stud	goujon	Stift	prisioneiro	espárrago
39	4E000008	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
40	62D00008	5	Nut	écrou	Mutter	porca	tuerca
41	16F000024	1	Plug	bouchon	Stopfen	bujão	tapón
42	17C000724	2	Bolt	boulon	Bolzen	parafuso	bulón
43	1C000820	4	Screw	vis	Schraube	parafuso	tornillo
44	233194	1	Cover	couvercle	Deckel	tampa	tapa
45	±232365	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
46	±232366	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
47	±232367	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
48	25K041000	1	O-ring	joint torique	O Ring	anel-O	anillo-O
49	1314774	1	Cone	cône	Kegel	cone	cono
50	1314773	1	Cup	cuvette	Schale	capa	cubeta
51	±233361	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
52	233302	1	Hub	moyeu	Nabe	cubo	cubo
53	9C000814	12	Bolt	boulon	Bolzen	parafuso	bulón
54	225844	1	Roller	galet	Rolle	rolete	rodillo
55	1304638	1	Cup	cuvette	Schale	capa	cubeta
56	232362	1	Cone	cône	Kegel	cone	cono
57	25K040428	2	O-ring	joint torique	O Ring	anel-O	anillo-O
58	230851	1	Lock	serrure	Schloss	fechadura	cerradura
59	232349	1	Sprag	bras dancrage	Bremsklotz	colço	calzo
60	±231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
61	±231275	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
62	±231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
63	223222	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
64	232351	1	Sprag assy	ass de bras danc	Bremsklotzseinheit	conj de calços	conjunto del calzo
65	233850	1	Retainer	arrêtoir	Halterung	retentor	retén
66	232350	1	Race	course	Lauftring	canaleta	vía
67	232355	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
68	232356	1	Bearing race	gorge roulement	Kugellagerlaufing	pista rolamento	pista radmiento
69	232160	1	Hub	moyeu	Nabe	cubo	cubo
70	66D000020	1	Nut	écrou	Mutter	porca	tuerca

1 Ref A6 23250

2 □WD-411-2

3 □WD-411-3

4 ■WD-411-2

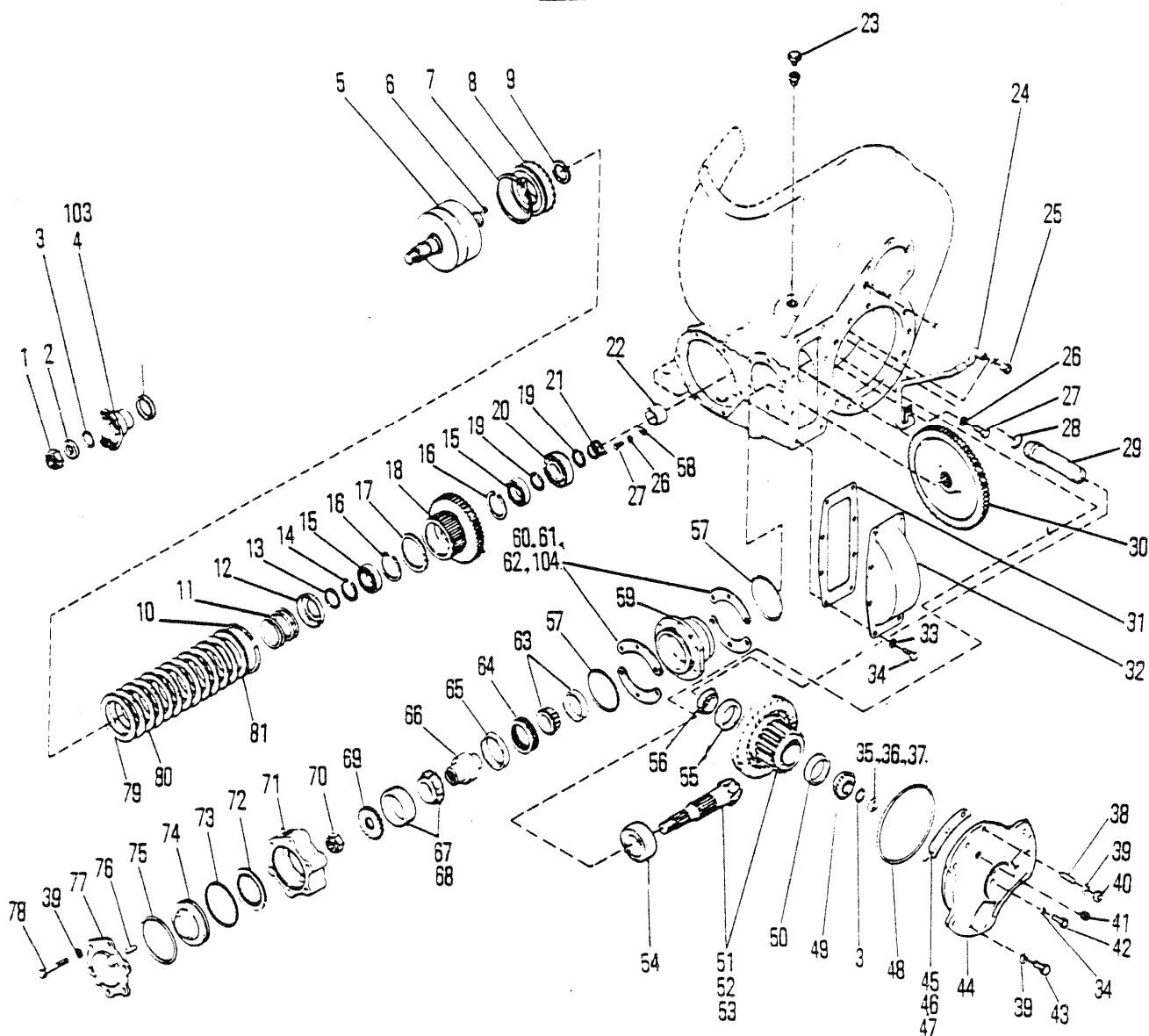
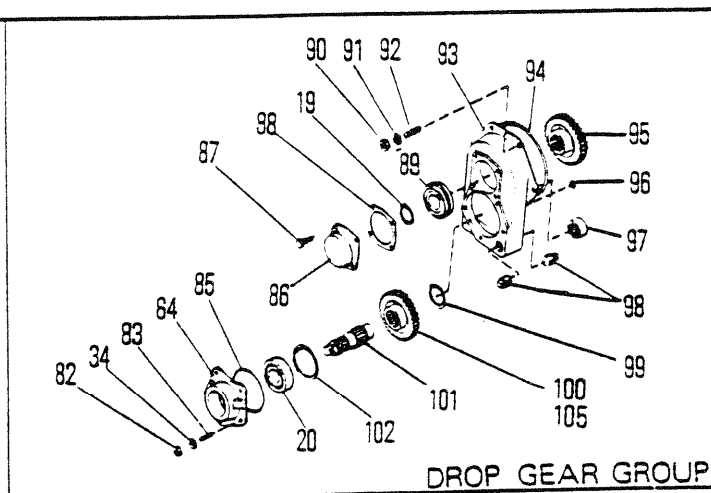
5 Inc. 90

6 Inc. 81

7 □WD-412-1

8 Inc 51 & 52

RANGER



5384TP

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

WD-412-1 & WD-411-2 & WD-411-3

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

D'ENGRENAGE DE LA COURONNE AVEC DE DECHARGE WD-412-1 & WD-411-2 & WD-411-3

WINDE-EINGANGSKUPPLUNG, RITZELWELLE,GEKRÖPFTE ZAHNKRANZWELLE

WD-412-1 & WD-411-2 & WD-411-3

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

COM QUEDA DE ENGRENAGEM WD-412-1 & WD-411-2 & WD-411-3

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

DE CAIDA WD-412-1 & WD-411-2 & WD-411-3

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
71	232357	1	Housing	botier	Gehuse	carcaça	carcasa
72	232159	1	Disc	disque	Scheibe	disco	disco
73	217420	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
74	232157	1	Piston	piston	Kolben	pistão	pistón
75	25K040500	2	O-ring	joint torique	O Ring	anel-O	anillo-O
76	211853	1	Pin	goupille	Stift	pino	pasador
77	232158	1	Cover	couvercle	Deckel	tampa	tapa
78	1C000864	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
79	224772	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
80	230911	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
81	224774	1	End plate	plaque dextrémité	Endplatte	placa terminal	placa extrema
82	62D000007	5	Nut	écrou	Mutter	porca	tuerca
83	226862	5	Stud	goujon	Stift	prisioneiro	espárrago
84	235091	1	Bearing cap	couvercle de roui	Lagerkappe	capa do rolamento	tapa del cojinete
85	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
86	221408	1	Cap	chapeau	Kappe	tampa	tapa
87	233128	4	Screw	vis	Schraube	parafuso	tornillo
88	202076	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
89	225956	2	Bearing	palier	Lager	mancal	cojinete
90	62D000006	6	Nut	écrou	Mutter	porca	tuerca
91	4E000006	22	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
92	203253	12	Stud	goujon	Stift	prisioneiro	espárrago
93	232281	1	Housing	botier	Gehuse	carcaça	carcasa
94	25K040724	1	O-ring	joint torique	O Ring	anel-O	anillo-O
95	232559	1	Gear drop	réducteur à engren	Getriebeabfall	queda de engrenagem	caída del engranaje
96	25K020014	2	O-ring	joint torique	O Ring	anel-O	anillo-O
97	232282	1	Bearing	palier	Lager	mancal	cojinete
98	16F000016	1	Plug	bouchon	Stopfen	bujão	tapón
99	224026	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
100	216938	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
101	232283	1	Shaft	arbre	Welle	ávore	árbol
102	223901	1	Ring	anneau	Ring	anel	anillo
103	231059	1	Flange	bride	Flansch	flange	brida
104	232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
105	216268	2	Gear	engrenage	Zahnrad	engrenagem	engranaje

¹ Ref A6 23250

² □WD-411-2

³ □WD-411-3

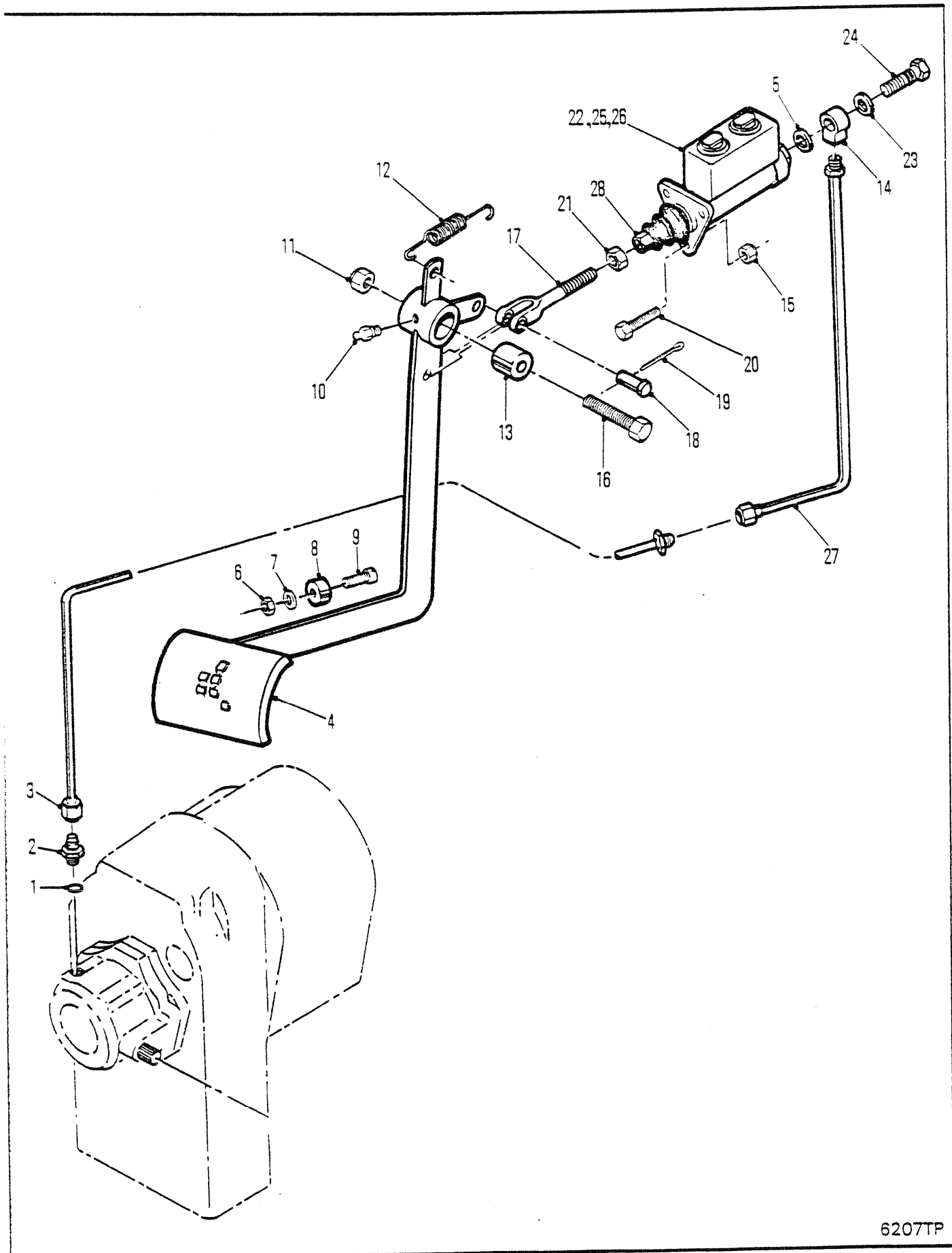
⁴ ■WD-411-2

⁵ Inc. 90

⁶ Inc. 81

⁷ □WD-412-1

⁸ Inc 51 & 52

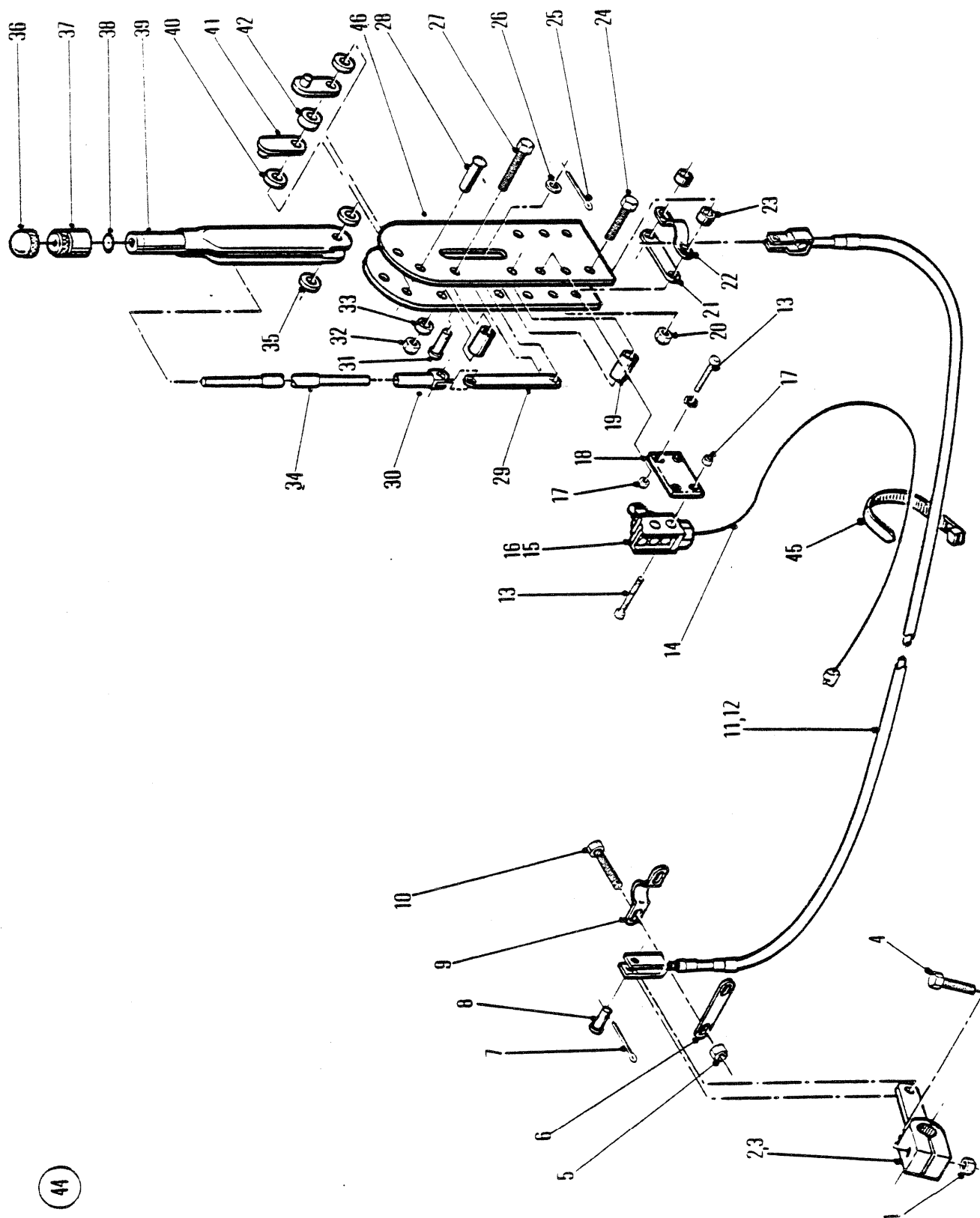


6207TP

SERVICE BRAKE CONTROLS
COMMANDES DE FREIN STANDARD
STANDARD BREMSENBEDIENUNGEN
CONTROLE DO SERVIÇO DE FREIO
CONTROLES FRENO SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	91F000005	1	O-ring	joint torique	O Ring	anel-O	anillo-O
2	1308081	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
3	1914496	1	Tube	tube	Rohr	tubo	tubo
4	1909576	1	Brake pedal assy	ens pédale freinage	Bremspedal	pedal do freio	pedal del freno
5	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	14D000010	1	Nut	écrou	Mutter	porca	tuerca
7	616775	1	Washer	rondelle	Scheibe	arruela	arandela
8	302568	1	Bumper	butoir	Stoßfänger	batente	tope
9	85G001006	1	Screw	vis	Schraube	parafuso	tornillo
10	12H000015	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
11	60D000010	1	Nut	écrou	Mutter	porca	tuerca
12	1937645	1	Spring	ressort	Feder	mola	resorte
13	1900710	1	Sleeve	manchon	Muffe	luva	manguito
14	620236	1	Fitting	ajustage	Verbindung	ajuste	accesorio
15	60D000006	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
16	18C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
17	2F0006106	1	Clevis	étrier	Schkel	garfo	horquilla
18	4F0008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
19	1F0000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
20	18C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
21	8D0000008	1	Nut	écrou	Mutter	porca	tuerca
22	1907714	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
23	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
24	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
25	†1990528	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
26	†1990602	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
27	1914497	1	Tube	tube	Rohr	tubo	tubo
28	2352551	1	Push rod	tige de pousee	Stosser	tirante de empuxe	barra de empuje

6206TP



43 44

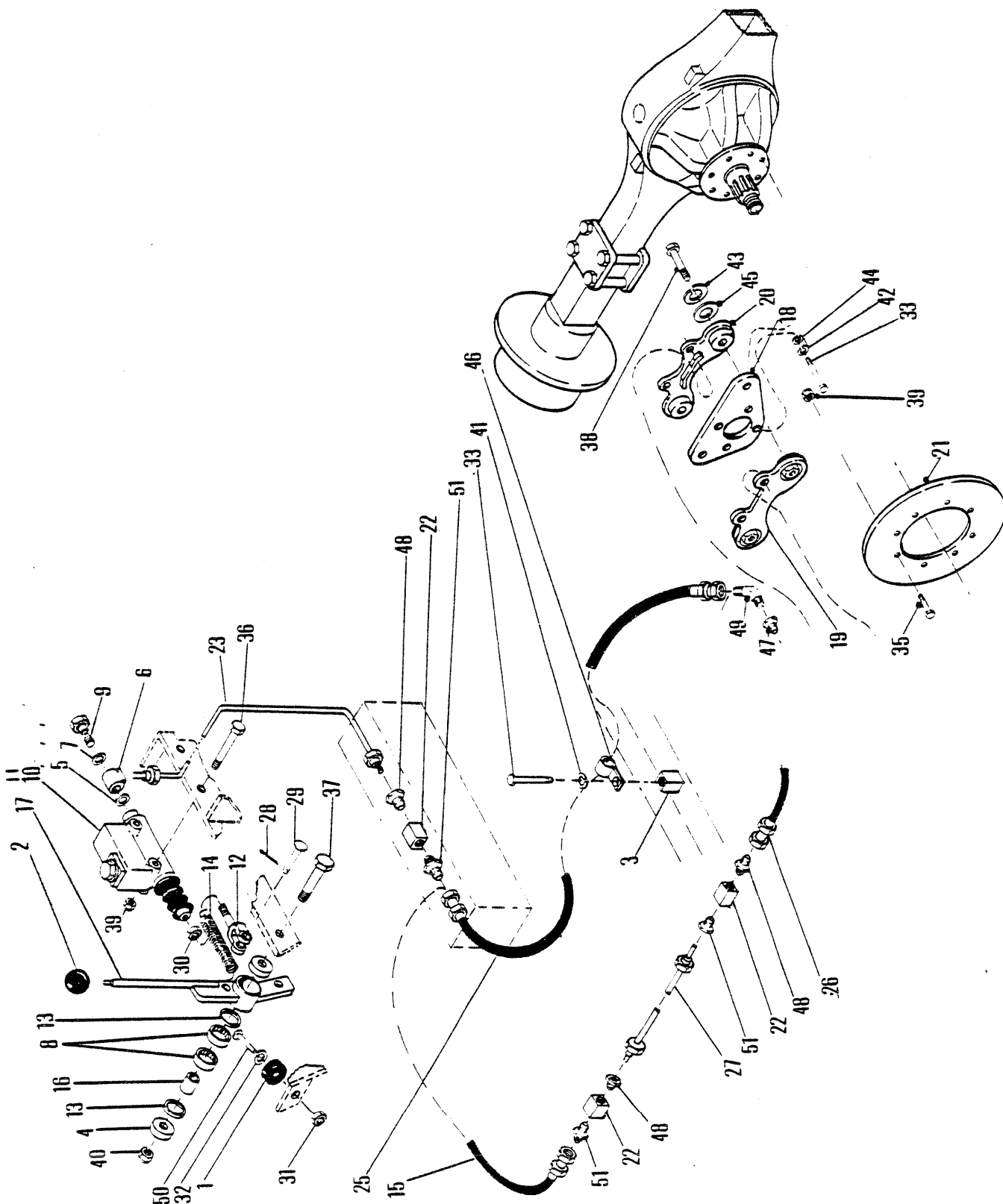
PARKING BRAKE CONTROLS COMMANDES DE FREIN DE STATIONNEMENT STANDBREMSENBEDIENUNGEN CONTROLE DO FREIO DE ESTACIONAR CONTROLES FRENO SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	63D000005	1	Nut	écrou	Mutter	porca	tuerca
2	² 1905426	1	Lever	levier	Hebel	alavanca	palanca
3	¹ 1917517	1	Lever	levier	Hebel	alavanca	palanca
4	17C000636	1	Bolt	boulon	Bolzen	parafuso	bulón
5	17D000002	2	Nut	écrou	Mutter	porca	tuerca
6	645092	1	Link	articulation	Gelenk	articulação	articulación
7	1F0000315	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
8	2F0006106	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
9	544616	1	Clamp	pince	Schelle	braçadeira	abrazadera
10	18C000516	2	Bolt	boulon	Bolzen	parafuso	bulón
11	² 1914499	1	Cable	câble	Kabel	cabo	cable
12	¹ 1918988	1	Cable	câble	Kabel	cabo	cable
13	85G000628	4	Screw	vis	Schraube	parafuso	tornillo
14	1549705	1	Cable	câble	Kabel	cabo	cable
15	583706	1	Microswitch	micro interrupt	Mikdroschalter	micro interrupt	micro interrupt
16	1923523	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
17	12D000006	4	Nut	écrou	Mutter	porca	tuerca
18	1517913	1	Flat	méplat	Fläche	bloco plano	planchuela
19	545005	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
20	17D000002	4	Nut	écrou	Mutter	porca	tuerca
21	645092	1	Link	articulation	Gelenk	articulação	articulación
22	544512	1	Clamp	pince	Schelle	braçadeira	abrazadera
23	635373	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	17C000540	2	Bolt	boulon	Bolzen	parafuso	bulón
25	1F0000312	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
26	619019	1	Washer	rondelle	Scheibe	arruela	arandela
27	17C000640	2	Bolt	boulon	Bolzen	parafuso	bulón
28	944054	1	Rivet	rivet	Niet	rebite	remache
29	862652	1	Link	articulation	Gelenk	articulação	articulación
30	944968	1	Tube	tube	Rohr	tubo	tubo
31	862738	1	Pin	goupille	Stift	pino	pasador
32	59D000006	2	Nut	écrou	Mutter	porca	tuerca
33	552914	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
34	866349	1	Screw	vis	Schraube	parafuso	tornillo
35	619024	2	Washer	rondelle	Scheibe	arruela	arandela
36	941227	1	Cap	chapeau	Kappe	tampa	tapa
37	941226	1	Base	base	Untergestell	base	base
38	25K030112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
39	866348	1	Body	carrosserie	Karosserie	carroçria	carroceria
40	862656	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
41	862653	2	Bracket	support	Winkel	grampo	grampa
42	862655	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
43	¹ 3951954	1	Lever	levier	Hebel	alavanca	palanca
44	³ 544998	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
45	1539058	1	Tie	attache	Haft	liame	atadura
46	944969	1	Bracket	support	Winkel	grampo	grampa

¹ □ 505C-101-CAC & → 507C-101-CAC & →

² □ 505B-101 → 9999-CAC, 507B-101 → 9999-CAC

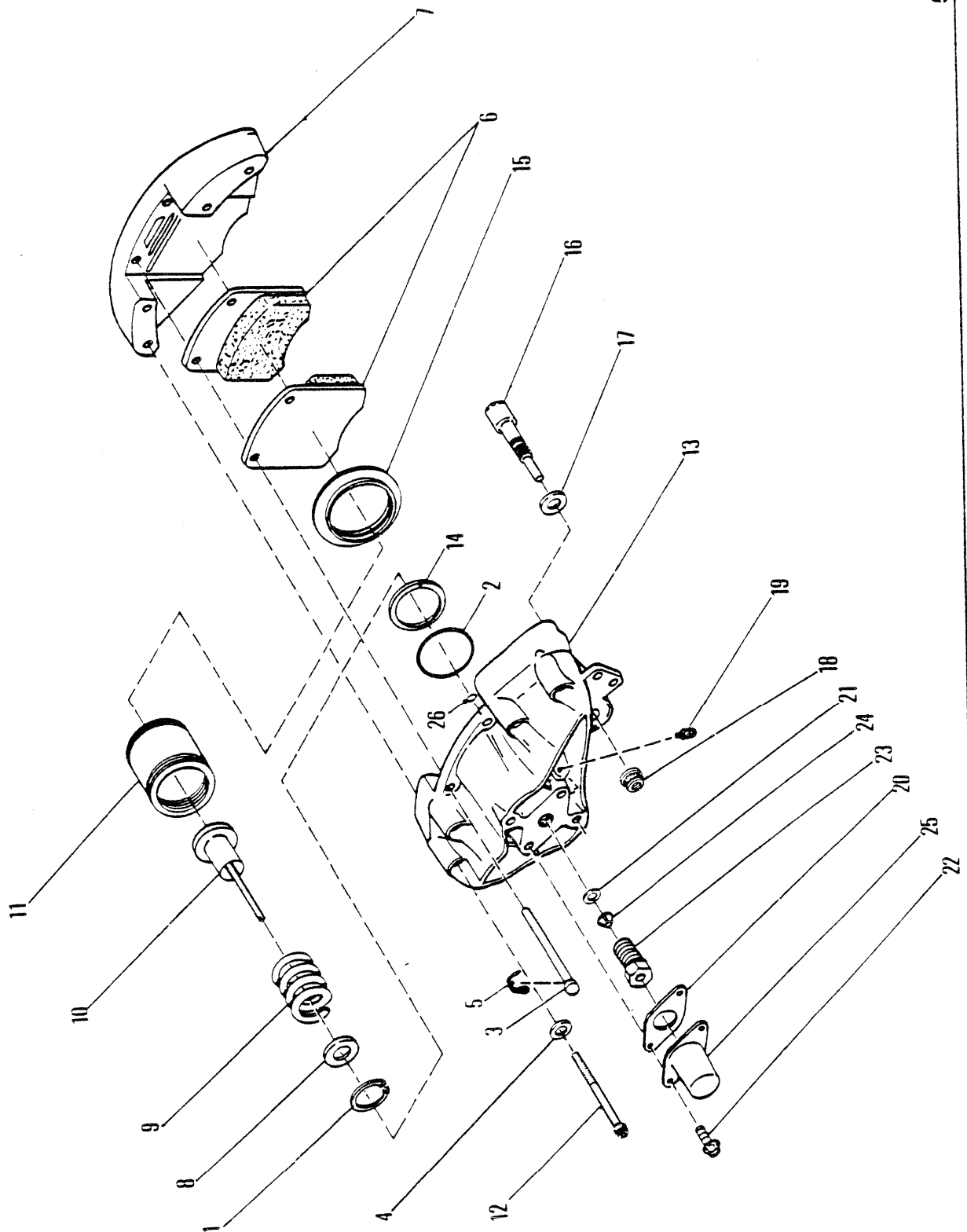
³ Inc 19 & 25 → 42



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	302568	1	Bumper	butoir	Stoßfinger	batente	tope
2	509772	1	Knob	bouton	Knopf	manipula	botón
3	522906	1	Block	bloc	Block	bloco	bloque
4	561912	2	Washer	rondelle	Scheibe	arruela	arandela
5	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
7	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	675227	2	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
9	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
10	869386	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
11	870042	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
12	1304885	1	Clevis	étrier	Schkel	garfo	horquilla
13	1522535	2	Wiper	racleur	Wischer	limpador	limpiador
14	1902893	1	Spring	ressort	Feder	mola	resorte
15	1902916	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1911588	1	Sleeve	manchon	Muffe	luva	manguito
17	1911758	1	Lever	levier	Hebel	alavanca	palanca
18	1911761	1	Bracket	support	Winkel	grampo	grampa
19	1911764	1	Bracket	support	Winkel	grampo	grampa
20	1911765	1	Bracket	support	Winkel	grampo	grampa
21	1911773	1	Disc	disque	Scheibe	disco	disco
22	1913645	3	Block	bloc	Block	bloco	bloque
23	1913651	1	Tube	tube	Rohr	tubo	tubo
24	1913655	1	Brake head assy	étrier frein ens	Bremskopf vollst	cabeça freio conj	cabeza freno conj
25	1916813	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
26	1S-----	-	Hose	tuyau flexible	Schlauch	mangueira	manguera
27	1S-----	-	Tube	tube	Rohr	tubo	tubo
28	1F000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
29	4F008127	1	Pin	goupille	Stift	pino	pasador
30	8D000007	1	Nut	écrou	Mutter	porca	tuerca
31	12D000008	1	Nut	écrou	Mutter	porca	tuerca
32	12E000008	1	Washer	rondelle	Scheibe	arruela	arandela
33	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
34	17C000928	4	Bolt	boulon	Bolzen	parafuso	bulón
35	18C000624	8	Bolt	boulon	Bolzen	parafuso	bulón
36	18C000652	2	Bolt	boulon	Bolzen	parafuso	bulón
37	18C000864	1	Bolt	boulon	Bolzen	parafuso	bulón
38	18C001060	2	Bolt	boulon	Bolzen	parafuso	bulón
39	18D000006	10	Nut	écrou	Mutter	porca	tuerca
40	18D000008	1	Nut	écrou	Mutter	porca	tuerca
41	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	24E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
43	24E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	25E000024	4	Washer	rondelle	Scheibe	arruela	arandela
45	25E000026	2	Washer	rondelle	Scheibe	arruela	arandela
46	30H000038	1	Clip	attache	Schelle	braçadeira	abrazadera
47	36F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
48	59F000003	3	Fitting	ajustage	Verbindung	ajuste	accesorio
49	84F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
50	85G000816	1	Bolt	boulon	Bolzen	parafuso	bulón
51	89F000003	3	Fitting	ajustage	Verbindung	ajuste	accesorio

1 Service with items 3,25,33,41,46
 1 Entretien avec art. 3,25,33,41,46
 1 Für wartung teile 3,25,33,41,46
 1 Serviço com itens 3,25,33,41,46
 1 Serv de mant con piezas 3,25,33,41,46

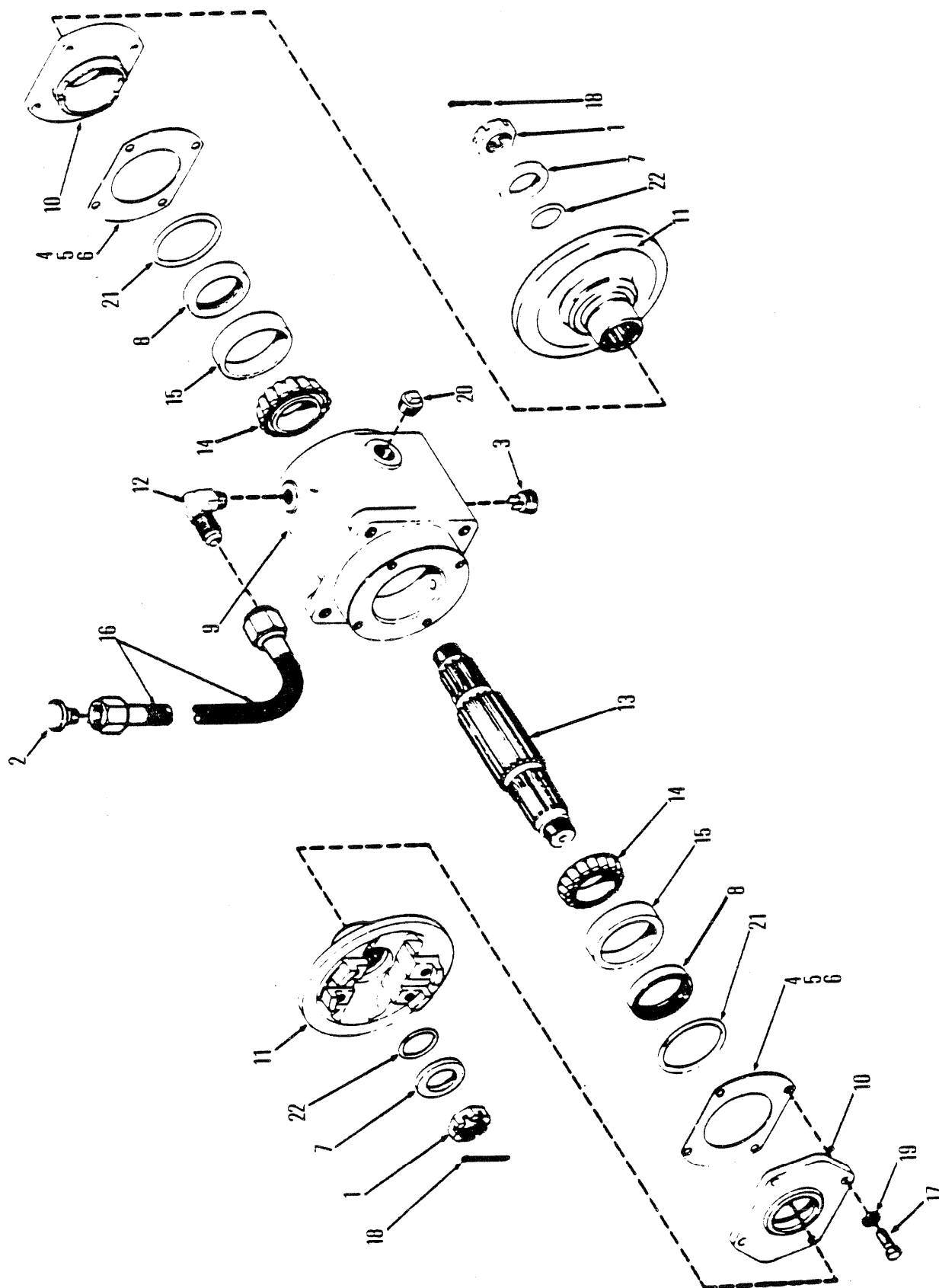


SECONDARY BRAKE ASSEMBLY ENSEMBLE FREIN SECONDAIRE SEKUNDÄRBREMSEINHEIT FREIO CONJUNTO SECUNDÁRIO FRENO CONJUNTO SECUNDARIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1913655	1	Brake head assy	étrier frein ens	Bremskopf vollst	cabeça freio conj	cabeza freno conj
B	² 1990881	1	Piston assy	piston ens	Kolben vollst	pistão conj	pistón conj
1	658524	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	25K060212	1	O ring	joint torique	O ring	anel-O	anillo-O
3	1990869	2	Pin	goupille	Stift	pino	pasador
4	1990870	4	Washer	rondelle	Scheibe	arruela	arandela
5	1990871	2	Clip	attache	Schelle	braçadeira	abrazadera
6	1990872	2	Pad	tampon	Polster	almofada	almohadilla
7	1990876	1	Casting	pièce en fonte	Gussteil	peça fundida	pieza fundida
8	1990877	1	Washer	rondelle	Scheibe	arruela	arandela
9	1990878	1	Spring	ressort	Feder	mola	resorte
10	1990879	1	Pin	goupille	Stift	pino	pasador
11	1990880	1	Piston	piston	Kolben	pistão	pistón
12	71G000644	4	Bolt	boulon	Bolzen	parafuso	bulón
13	1990882	1	Casting	pièce en fonte	Gussteil	peça fundida	pieza fundida
14	1990883	1	Ring	anneau	Ring	anel	anillo
15	1990884	1	Boot	capuchon	Kappe	capuz	capuchón
16	1990885	2	Stud	goujon	Stift	prisioneiro	espárrago
17	1990886	2	Washer	rondelle	Scheibe	arruela	arandela
18	1990887	2	Nut	écrou	Mutter	porca	tuerca
19	1990888	3	Screw	vis	Schraube	parafuso	tornillo
20	1990889	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
21	5290033	1	Washer	rondelle	Scheibe	arruela	arandela
22	5290052	1	Bolt	boulon	Bolzen	parafuso	bulón
23	5290053	1	Nut	écrou	Mutter	porca	tuerca
24	5290057	1	Collet	collet	Ring	colar	collar
25	5290058	1	Cap	chapeau	Kappe	tampa	tapa
26	25K020008	1	O ring	joint torique	O ring	anel-O	anillo-O

¹ Inc B & 1 → 26

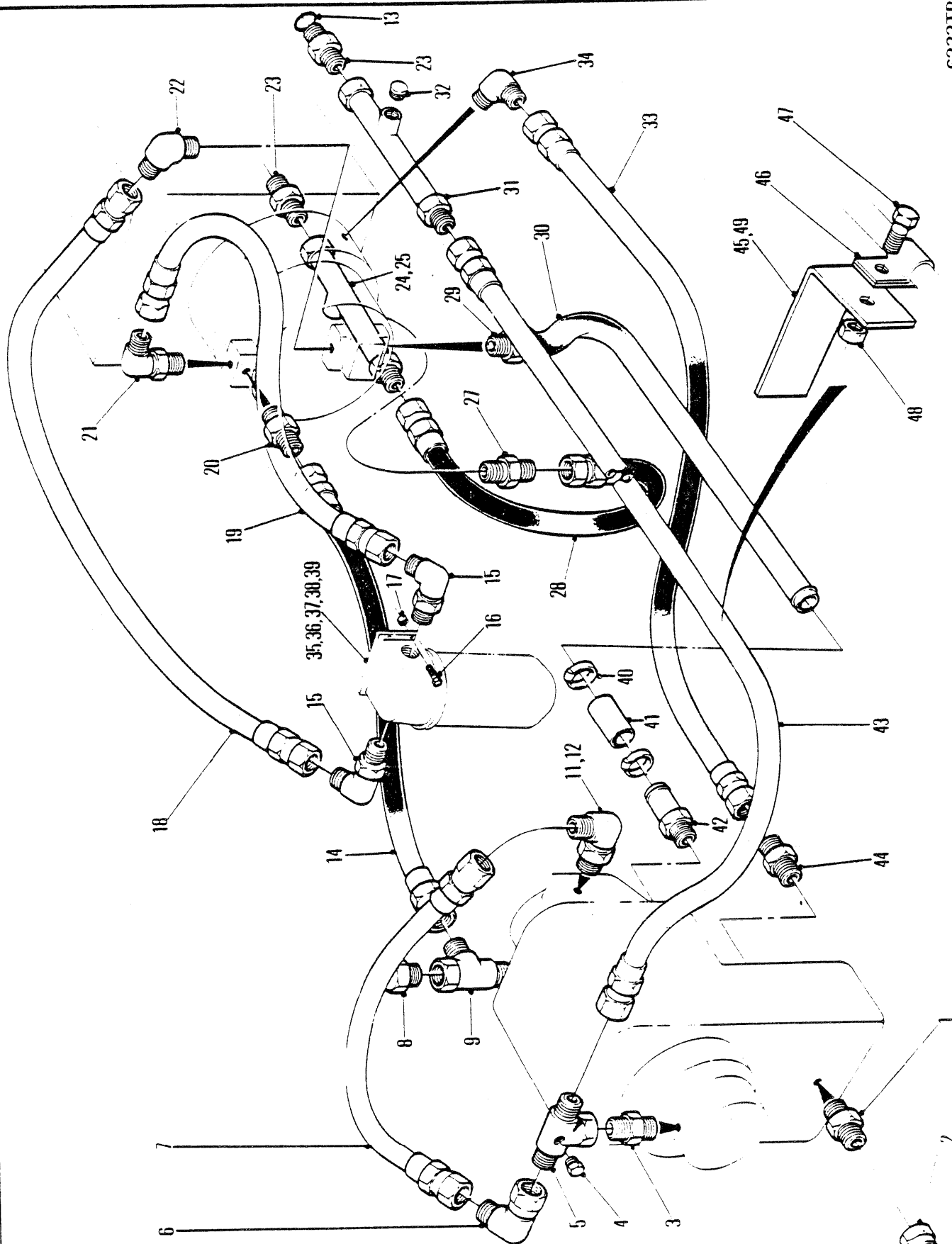
² Inc 1, 8 → 11



MID-MOUNT BEARING ASSEMBLY
PALIER INTERMÉDIAIRE, ENSEMBLE
MITTELLAGER VOLLSTÄNDIG
MANCAL CENTRAL, CONJUNTO
COJINETE CENTRAL, CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	231894	1	Mid mount	montage central	Mittelstütze	montante do meio	montaje intermedio
1	205928	2	Nut	écrou	Mutter	porca	tuerca
2	211433	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
3	215757	1	Plug	bouchon	Stopfen	bujão	tapón
4	217566	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
5	217567	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
6	217568	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
7	222179	2	Washer	rondelle	Scheibe	arruela	arandela
8	225823	2	Seal	joint étanchéité	Dichtung	vedador	sello
9	230529	1	Housing	botier	Gehuse	carcaça	carcasa
10	230690	1	Cap	chapeau	Kappe	tampa	tapa
11	231749	2	Flange	bride	Flansch	flange	brida
12	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	233007	1	Shaft	arbre	Welle	ávore	árbol
14	654141	2	Cone	cône	Kegel	cone	cono
15	856250	2	Cup	cuvette	Schale	capa	cubeta
16	1909703	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1C0000722	8	Bolt	boulon	Bolzen	parafuso	bulón
18	1F0000436	2	Cotter	goupille	Splint	contra-pino	pasador de chaveta
19	4E0000007	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	13F000012	1	Plug	bouchon	Stopfen	bujão	tapón
21	25K040308	2	O-ring	joint torique	O Ring	anel-O	anillo-O
22	25K060116	2	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc 1 → 22



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	19F000008	1	Reducer	réducteur	Reduzierstück	reductor	reductor
2	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	15K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
4	41K000002	1	Plug	bouchon	Stopfen	bujão	tapón
5	1904507	1	Tee	raccord T	T-Verbindungsstück	te	te
6	11K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	1905072	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	41K000002	1	Plug	bouchon	Stopfen	bujão	tapón
9	219K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
10	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
11	318K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	4,517K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	91F000008	8	O-ring	joint torique	O Ring	anel-O	anillo-O
14	1312817	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	517K000008	2	Elbow	coude	Winkelrohr	cotovêlo	codo
16	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
17	17D000003	4	Nut	écrou	Mutter	porca	tuerca
18	1905070	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1905071	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	215K000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
21	517K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	89F000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	515K000008	2	Fitting	ajustage	Verbindung	ajuste	accesorio
24	41907070	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
25	31905085	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
26	12K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	517K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
28	1902709	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	89F000010	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
30	1905087	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	61905085	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
32	41K000002	2	Plug	bouchon	Stopfen	bujão	tapón
33	1905069	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	517K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
35	71533614	1	Filter	filtre	filter	filtro	filtro
36	215502	1	Element	élément	Element	elemento	elemento
37	16191841	1	Shell	botier	Gehuse	carcaça	carcasa
38	16191839	1	Head	culasse	Kopf	cabeça	cabeza
39	1992218	1	Bolt	boulon	Bolzen	parafuso	bulón
40	756853	2	Clamp	pince	Schelle	braçadeira	abrazadera
41	799136	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
42	1309823	1	Fitting	ajustage	Verbindung	ajuste	accesorio
43	1904504	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
44	89F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
45	1905086	1	Bracket	support	Winkel	grampo	grampa
46	6H0000034	3	Clip	attache	Schelle	braçadeira	abrazadera
47	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
48	17D000003	3	Nut	écrou	Mutter	porca	tuerca
49	1900603	2	Bracket	support	Winkel	grampo	grampa

¹ Ref RSG 165A

² Inc 10

³ GM

⁴ CUM

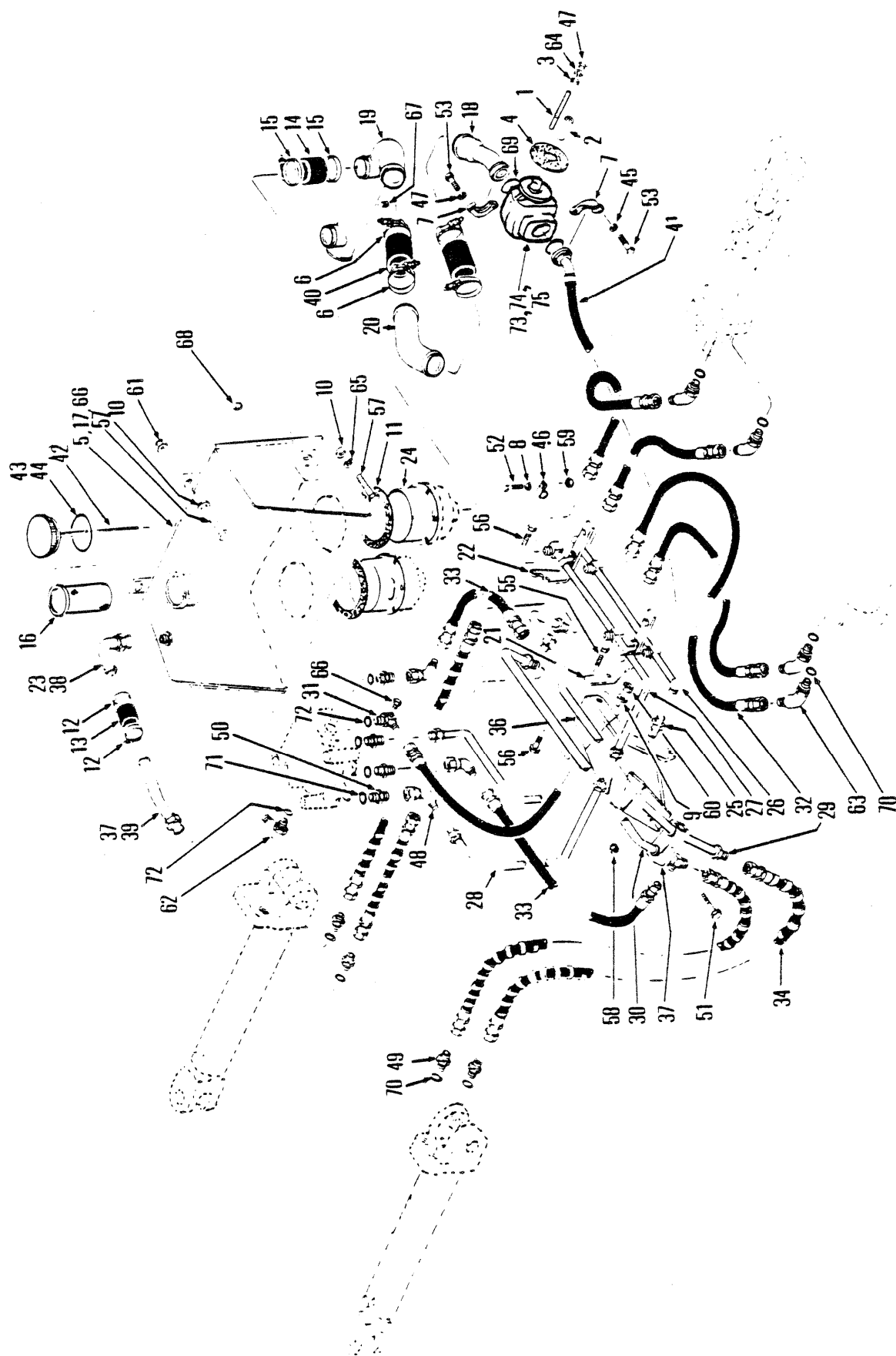
⁵ Inc 13

⁶ LH GM

⁷ Inc 36→39

668CUM
668GM

507B-101-CAC→507B-9999-CAC
505B-101-CAC→505B-9999-CAC



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	207647	6	Stud	goujon	Stift	prisioneiro	espárrago
2	214962	1	Sleeve	manchon	Muffe	luva	manguito
3	4E0000006	6	Washer	rondelle	Scheibe	arruela	arandela
4	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	525293	2	Magnet	aimant	Magnet	ímã	imán
6	540104	4	Clamp	pince	Schelle	braçadeira	abrazadera
7	19J000020	4	Flange	bride	Flansch	flange	brida
8	664404	4	Washer	rondelle	Scheibe	arruela	arandela
9	664405	3	Washer	rondelle	Scheibe	arruela	arandela
10	664427	3	Washer	rondelle	Scheibe	arruela	arandela
11	746525	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	756853	2	Clamp	pince	Schelle	braçadeira	abrazadera
13	763652	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	774143	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	879717	4	Clamp	pince	Schelle	braçadeira	abrazadera
16	1901464	1	Strainer	tamis	Sieb	coador	tamiz
17	1903561	1	Tank	réservoir	Tank	tanque	tanque
18	1903565	1	Tube	tube	Rohr	tubo	tubo
19	1903569	1	Tube	tube	Rohr	tubo	tubo
20	1903570	1	Tube	tube	Rohr	tubo	tubo
21	1903575	1	Bracket	support	Winkel	grampo	grampa
22	1903576	1	Bracket	support	Winkel	grampo	grampa
23	1903578	1	Tube	tube	Rohr	tubo	tubo
24	1904001	2	Sump pot	pot du puisard	Wannentopf	depósito de óleo	rec colec act
25	1904972	1	Tube	tube	Rohr	tubo	tubo
26	1904973	1	Tube	tube	Rohr	tubo	tubo
27	1904974	1	Tube	tube	Rohr	tubo	tubo
28	1904975	1	Tube	tube	Rohr	tubo	tubo
29	1904976	1	Tube	tube	Rohr	tubo	tubo
30	1904977	1	Tube	tube	Rohr	tubo	tubo
31	1904999	1	Elbow	coude	Winkelrohr	cotovêlo	codo
32	1905056	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
33	1905057	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	1905058	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	1906427	2	Clamp	pince	Schelle	braçadeira	abrazadera
36	1906430	1	Bracket	support	Winkel	grampo	grampa
37	1907198	1	Tube	tube	Rohr	tubo	tubo
38	1907199	1	Tube	tube	Rohr	tubo	tubo
39	1907235	1	Tube	tube	Rohr	tubo	tubo
40	1909046	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
41	1914207	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
42	1915756	1	Cap&Dipstick	bouch&régl-jauge	Kappe&Tauchstab	tampa e vareta	tapa y var
43	1990900	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
44	1990901	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
45	4E0000007	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 72

² When optional tilt Blade is mounted, remove 17K-11 & use 1907198 & 1907199

² Lorsque la lame à basculement en option est montée, enlever 17K-11 et utiliser 1907198 et 1907199.

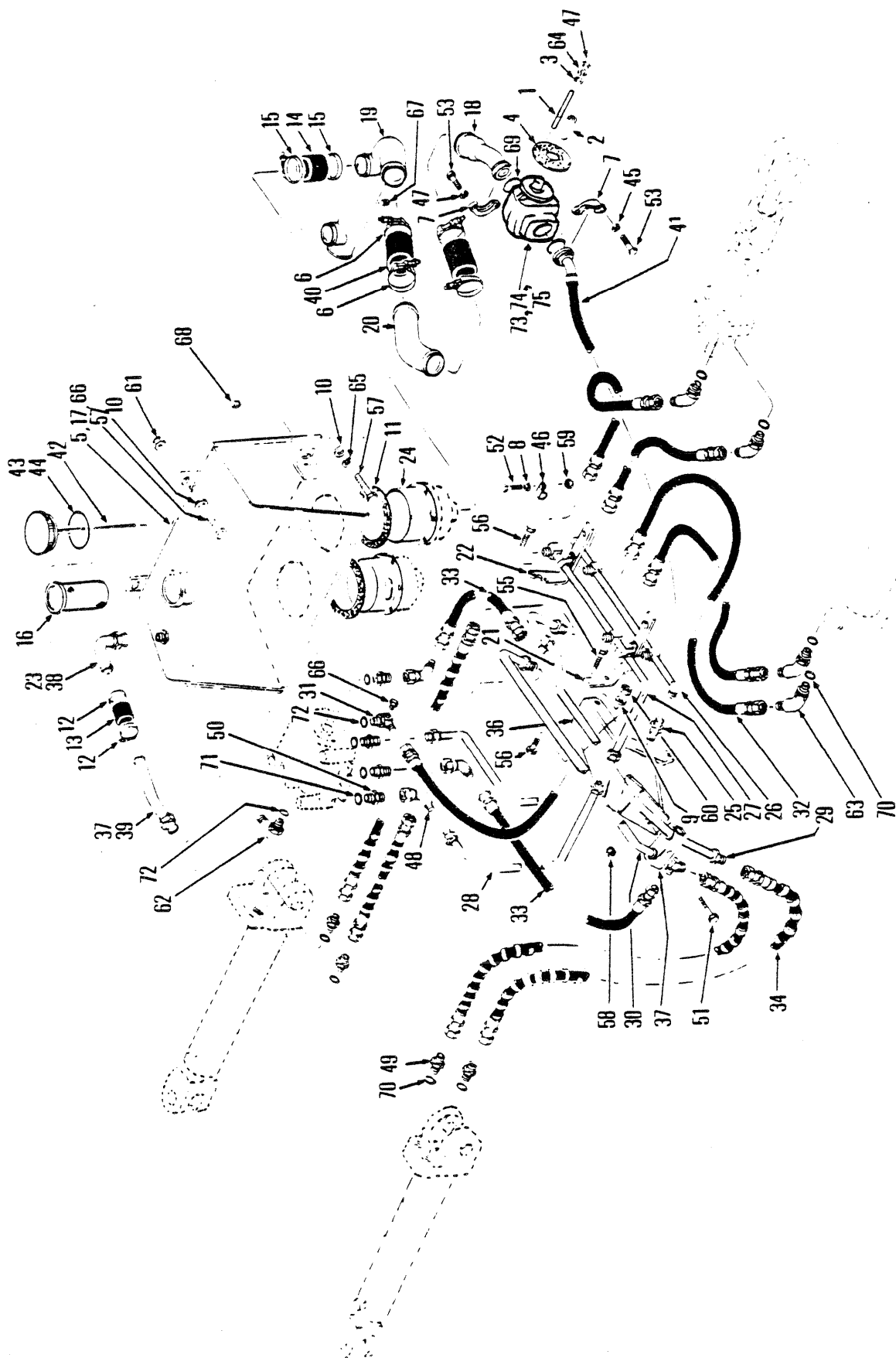
² Wenn Schräglügel - Sonderausstattung - montiert ist, 17K-11 ausbauen und 1907198 und 1907199 verwenden.

² Se for montada a lâmina inclinável opcional, remover 17K-11 e utilizar 1907198 e 1907199

² Al montar la Hoja inclinada opcional, extraer 17K-11 & utilizar 1907198 & 1907199.

³ Inc 71

⁴ Inc 70



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	6H0000020	4	Clip	attache	Schelle	braçadeira	abrazadera
47	8D0000006	6	Nut	écrou	Mutter	porca	tuerca
48	11K000010	2	Elbow	coude	Winkelrohr	cotovêlo	codo
49	⁴ 15K000008	4	Fitting	ajustage	Verbindung	ajuste	accesorio
50	³ 15K000010	4	Fitting	ajustage	Verbindung	ajuste	accesorio
51	17C000544	2	Bolt	boulon	Bolzen	parafuso	bulón
52	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
53	17C000720	8	Bolt	boulon	Bolzen	parafuso	bulón
54	17C000728	2	Bolt	boulon	Bolzen	parafuso	bulón
55	17C000732	2	Bolt	boulon	Bolzen	parafuso	bulón
56	17C000748	2	Bolt	boulon	Bolzen	parafuso	bulón
57	17C001024	3	Bolt	boulon	Bolzen	parafuso	bulón
58	17D000002	2	Nut	écrou	Mutter	porca	tuerca
59	17D000003	2	Nut	écrou	Mutter	porca	tuerca
60	17D000004	2	Nut	écrou	Mutter	porca	tuerca
61	17D000009	2	Nut	écrou	Mutter	porca	tuerca
62	^{1,2} 17K000011	1	Elbow	coude	Winkelrohr	cotovêlo	codo
63	⁴ 18K000008	4	Fitting	ajustage	Verbindung	ajuste	accesorio
64	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
65	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
66	40K000002	2	Plug	bouchon	Stopfen	bujão	tapón
67	40K000006	1	Plug	bouchon	Stopfen	bujão	tapón
68	40K000012	1	Plug	bouchon	Stopfen	bujão	tapón
69	58K000222	2	O-ring	joint torique	O Ring	anel-O	anillo-O
70	91F000008	8	O-ring	joint torique	O Ring	anel-O	anillo-O
71	91F000010	4	O-ring	joint torique	O Ring	anel-O	anillo-O
72	91F000011	2	O-ring	joint torique	O Ring	anel-O	anillo-O
73	1908731	1	Pump	pompe	Pumpe	bomba	bomba
74	1990414	1	Seal repair kit	ens rep du joint	Dichtungs Rep Satz	cj reparo vedador	conj rep sellador
75	1990413	1	Gear repair kit	trousse dengrenage	Zahnradreparaturatz	jogo reparo engrngm	juego repar engranje

¹ Inc 72

² When optional tilt Blade is mounted, remove 17K-11 & use 1907198 & 1907199

² Lorsque la lame à basculement en option est montée, enlever 17K-11 et utiliser 1907198 et 1907199.

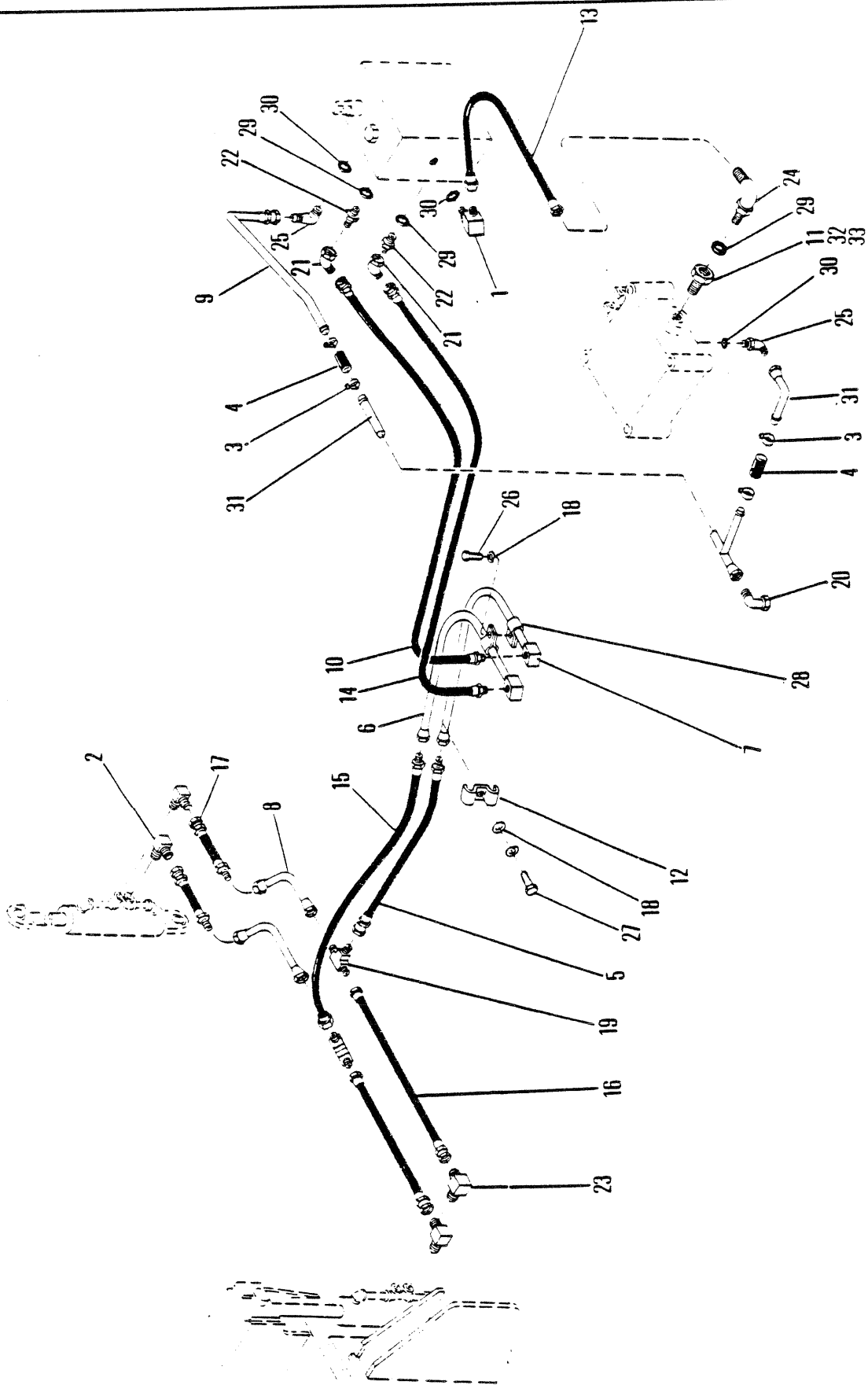
² Wenn Schräglügel - Sonderausstattung - montiert ist, 17K-11 ausbauen und 1907198 und 1907199 verwenden.

² Se for montada a lâmina inclinável opcional, remover 17K-11 e utilizar 1907198 e 1907199

² Al montar la Hoja inclinada opcional, extraer 17K-11 & utilizar 1907198 & 1907199.

³ Inc 71

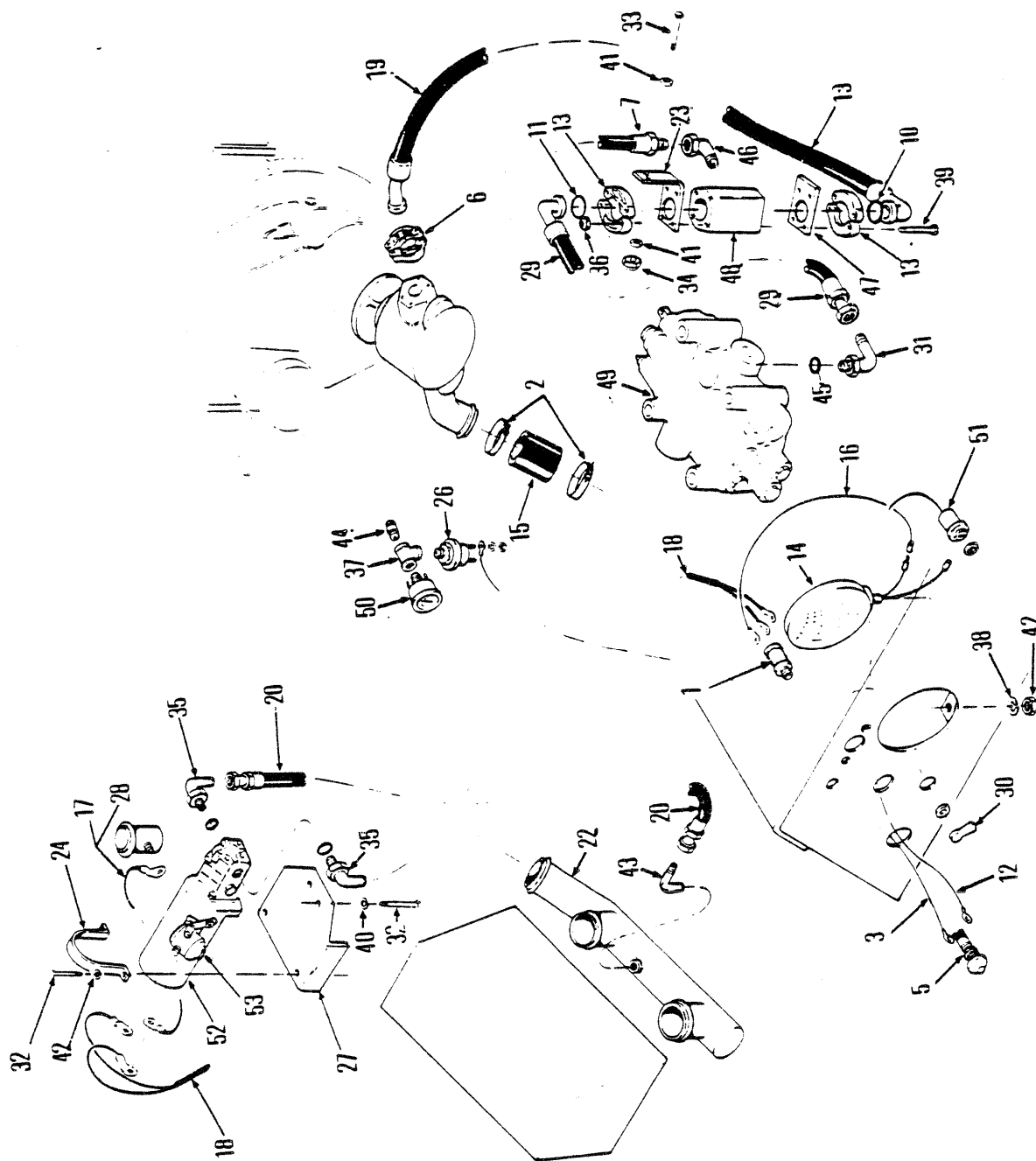
⁴ Inc 70



TILT BLADE HYDRAULICS
SYSTÈME HYDRAULIQUE DE PALE À BASCULE
KIPPSCHILD-HYDRAULIK
SISTEMA HIDRÁULICO DE INCLINAÇÃO DA LÂMINA
SISTEMA HIDRAULICO DE ANGULO DE LAMINA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	588820	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	730149	2	Elbow	coude	Winkelrohr	cotovêlo	codo
3	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
4	763652	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1301144	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1906401	1	Tube	tube	Rohr	tubo	tubo
7	1906402	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
8	1906408	2	Tube	tube	Rohr	tubo	tubo
9	1906415	1	Tube	tube	Rohr	tubo	tubo
10	1906423	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1906449	1	Fitting	ajustage	Verbindung	ajuste	accesorio
12	1906472	1	Clamp	pince	Schelle	braçadeira	abrazadera
13	1907270	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1907271	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1907329	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1907331	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1907332	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	10K000008	2	Tee	raccord T	T-Verbindungsstück	te	te
20	11K000011	1	Swivel nut	écrou à pivot	Drehkopfmutter	porca de rodizio	tuerca de articulación
21	12K000010	2	Fitting	ajustage	Verbindung	ajuste	accesorio
22	15K000010	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
23	730149	2	Elbow	coude	Winkelrohr	cotovêlo	codo
24	17K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	17K000011	2	Elbow	coude	Winkelrohr	cotovêlo	codo
26	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
27	18C000622	1	Bolt	boulon	Bolzen	parafuso	bulón
28	30H000043	2	Clip	attache	Schelle	braçadeira	abrazadera
29	91F000010	3	O-ring	joint torique	O Ring	anel-O	anillo-O
30	91F000011	3	O-ring	joint torique	O Ring	anel-O	anillo-O
31	-----	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
32	91F000011	1	O-ring	joint torique	O Ring	anel-O	anillo-O
33	58K000121	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc. 32 & 33



AUXILIARY STEERING ☒
DIRECTION AUXILIAIRE ☒
HILFSLENKUNG ☒
DIREÇÃO AUXILIAR ☒
DIRECCION AUXILIAR ☒

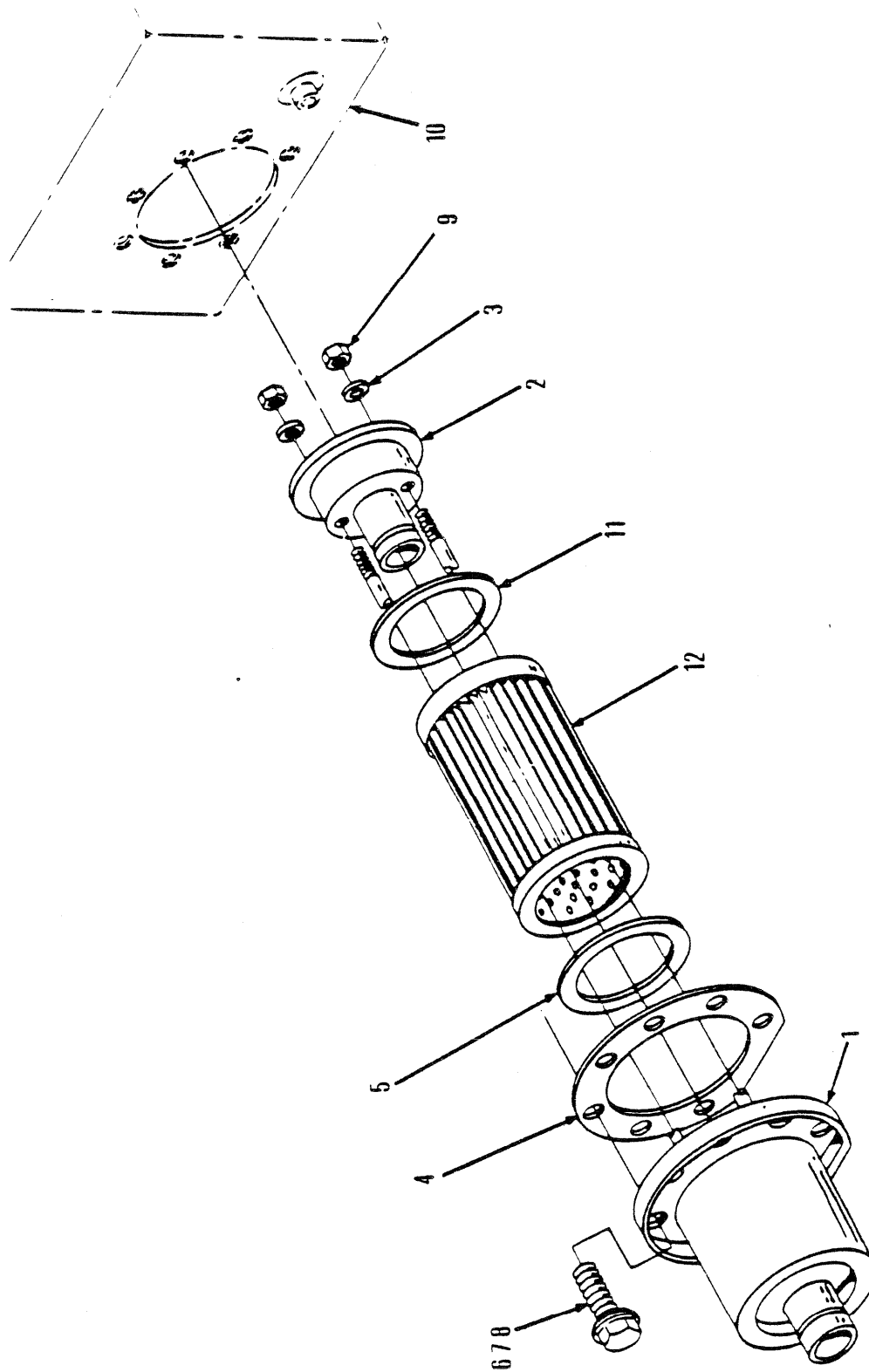
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1331196	1	Switch	interrupteur	Schalter	interruptor	interruptor
2	540104	2	Clamp	pince	Schelle	braçadeira	abrazadera
3	642734	1	Wire	fil	Draht	fio	cable
4	+653976	1	Ground wire	fil de terre	Massedraht	fio de terra	cable de tierra
5	656444	1	Light assy	assemblage élect	Lichteinheit	conj luzes	conj de luces
6	663094	2	Flange	bride	Flansch	flange	brida
7	791061	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	+876574	1	Bulb	ampoule	Birne	bulbo	lamparillo
9	+942746	1	Bulb	ampoule	Birne	bulbo	lamparillo
10	+990774	1	Lens	lentil	Linse	lente	lente
11	1306623	3	O ring	joint torique	O ring	anel-O	anillo-O
12	1313998	1	Wire	fil	Draht	fio	cable
13	19J000020	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
14	1545134	1	Light	lampe	Licht	lâmpada	lámpara
15	1909046	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1915393	1	Wire	fil	Draht	fio	cable
17	1915397	1	Wire	fil	Draht	fio	cable
18	1915398	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
19	1915411	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1915413	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	+1915429	1	Wire	fil	Draht	fio	cable
22	1915471	1	Tube	tube	Rohr	tubo	tubo
23	1915542	1	Bracket	support	Winkel	grampo	grampa
24	1915631	1	Strap	bande	Band	faixa	banda
25	1915658	1	Plate	plaque	Platte	placa	placa
26	1915715	1	Sender	capteur	Sender	sonda	sonda
27	1915718	1	Bracket	support	Winkel	grampo	grampa
28	1915720	1	Wire	fil	Draht	fio	cable
29	1916975	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1990984	1	Handle	manette	Handgriff	punho	manija
31	211K000007	4	Fitting	ajustage	Verbindung	ajuste	accesorio
32	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
34	17D000003	2	Nut	écrou	Mutter	porca	tuerca
35	317K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
36	18D000007	4	Nut	écrou	Mutter	porca	tuerca
37	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
38	23E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	18C000788	4	Bolt	boulon	Bolzen	parafuso	bulón
40	24E000016	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
41	25E000018	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	64D000008	1	Nut	écrou	Mutter	porca	tuerca
43	+83F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
44	89F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
45	91F000007	4	O ring	joint torique	O ring	anel-O	anillo-O
46	212K000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
47	○-----	-	Plate	plaque	Platte	placa	placa
48	○-----	-	Valve	soupape	Ventil	válvula	válvula
49	○-----	-	Valve	soupape	Ventil	válvula	válvula
50	○-----	-	Gauge	jauge	Instrument	calbrador	medidor
51	○-----	-	Switch	interrupteur	Schalter	interruptor	interruptor
52	○-----	-	Pump&motor	pompe et moteur	Pumpen&Motoren	bomba e motor	bomba y motor
53	○-----	-	Solenoid	solénoide	Schaltmagnet	solenóide	solenóide

¹ Inc 30

² Inc 45

³ Inc 27

⁴ Inc 41



HYDRAULIC TANK FILTER ASSEMBLY ENSEMBLE FILTRE RÉSERVOIR HYDRAULIQUE HYDRAULIKTANKEINHEIT CONJUNTO DO TANQUE HIDRÁULICO ESTRUCTURA DEL TANQUE HIDRÁULICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	^{1,3} 798781	1	Filter assy	ens du filtre	Filter vollst	conj do filtro	conj de filtro
B	^{2,3} 888331	-	Cartridge kit	ensemble cartouche	Patronensatz	conj cartucho	estuche cartucho
1	141675	1	Cover	couvercle	Deckel	tampa	tapa
2	142062	1	Valve	soupape	Ventil	válvula	válvula
3	791837	2	Washer	rondelle	Scheibe	arruela	arandela
4	⁵ 8-----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	⁵ 8-----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	⁺ 1917455	7	Seal	joint étanchéité	Dichtung	vedador	sello
7	⁺ 1917706	7	Bolt	boulon	Bolzen	parafuso	bulón
8	⁺ 1917707	7	Bolt	boulon	Bolzen	parafuso	bulón
9	44D000004	2	Nut	écrou	Mutter	porca	tuerca
10	○-----	-	Hydraulic tank	réservoir hydraul	Hydrauliktank	tanque hidráulico	tanque hidráulico
11	⁵ 8-----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	⁵ 8-----	1	Element	élément	Element	elemento	elemento

¹ Inc 1 → 5,9,11 & 12

² Inc 3,4,5, 11 & 12

³ 2 filters are required for model 668. Quantities listed are for 1 filter

³ 2 filtres sont nécessaires pour le modèle 668. Les quantités indiquées

³ Zwei Filter werden für das Modell 668 benötigt. Die angeführten sind

³ Exigem-se 2 filtros para o modelo 668. As quantidades indicadas são para 1 filtro

³ Se necesitan 2 filtros para el modelo 668. Las cantidades enumeradas son para 1 filtro.

⁴ Inc 6 & 8

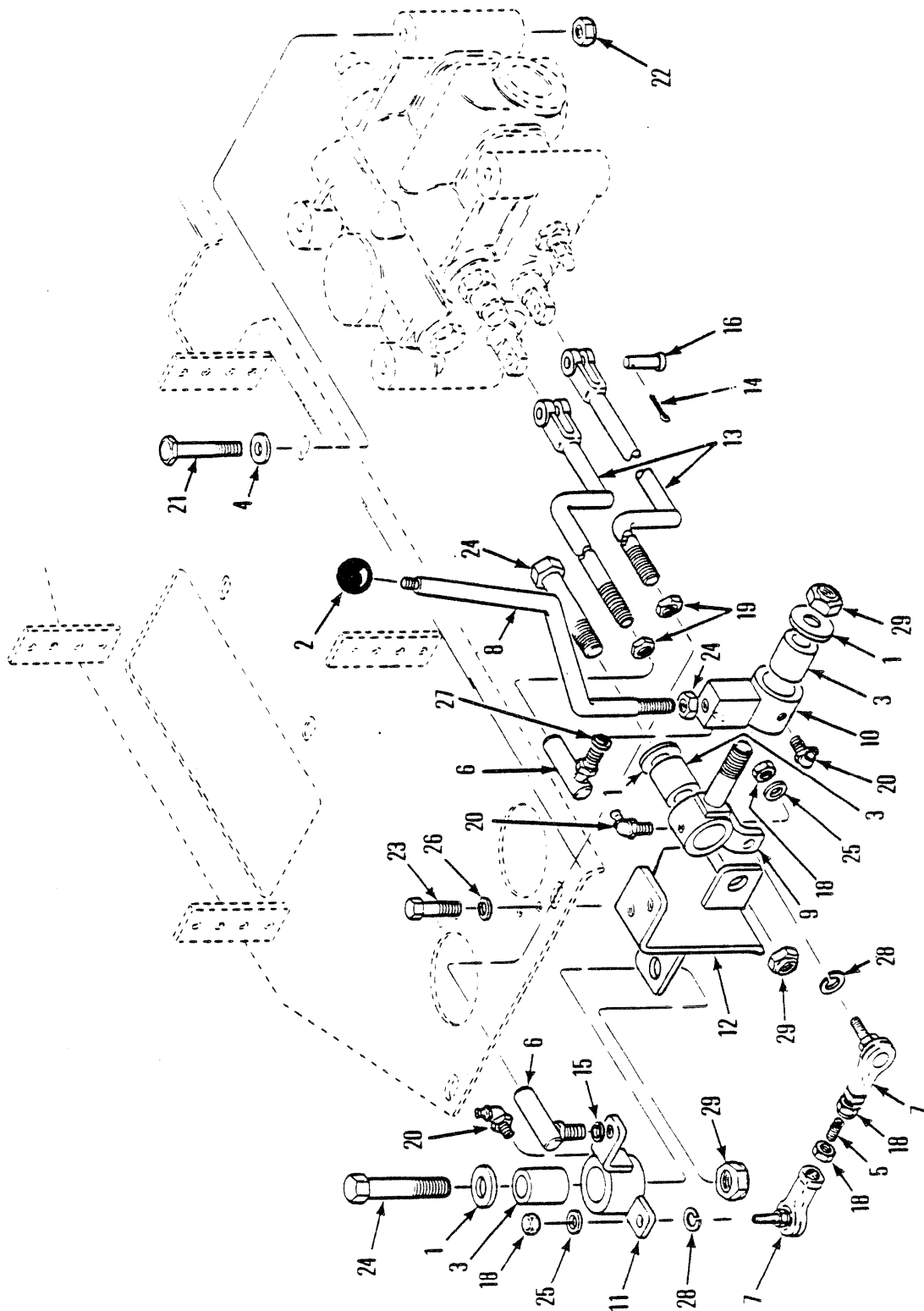
⁵ See B

⁵ Voir B

⁵ Siehe B

⁵ Veja B

⁵ Véase B



STEER & BLADE CONTROLS
CONTRÔLES DE GUIDAGE ET DE LAME
LENK UND BLATTSTEUERUNG
CONTRÔLES DE DIREÇÃO E LÂMINA
MANDOS DE DIRECCIÓN Y CUCHILLAS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	201497	3	Washer	rondelle	Scheibe	arruela	arandela
2	509772	1	Knob	bouton	Knopf	manipula	botón
3	570676	3	Bushing	chemise	Buchse	bucha	buje
4	664406	4	Washer	rondelle	Scheibe	arruela	arandela
5	743785	1	Rod	tige	Stange	varão	varilla
6	1301363	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
7	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
8	1906659	1	Lever	levier	Hebel	alavanca	palanca
9	1906660	1	Boss	moyeu	Nabe	cuo	cubo
10	1906661	1	Boss	moyeu	Nabe	cubo	cubo
11	1906662	1	Boss	moyeu	Nabe	cubo	cubo
12	1906664	1	Bracket	support	Winkel	grampo	grampa
13	1907170	2	Clevis	étrier	Schkel	garfo	horquilla
14	1F0000414	2	Pin	goupille	Stift	pino	pasador
15	4E0000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	4F0008127	2	Pin	goupille	Stift	pino	pasador
17	7D0000010	1	Nut	écrou	Mutter	porca	tuerca
18	8D0000005	2	Nut	écrou	Mutter	porca	tuerca
19	8D0000008	2	Nut	écrou	Mutter	porca	tuerca
20	12H000015	3	Fitting	ajustage	Verbindung	ajuste	accesorio
21	17C000888	4	Bolt	boulon	Bolzen	parafuso	bulón
22	17D000006	4	Nut	écrou	Mutter	porca	tuerca
23	18C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
24	18C001240	2	Bolt	boulon	Bolzen	parafuso	bulón
25	24E000005	1	Washer	rondelle	Scheibe	arruela	arandela
26	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	24E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	25E000015	1	Washer	rondelle	Scheibe	arruela	arandela
29	66D000012	3	Nut	écrou	Mutter	porca	tuerca

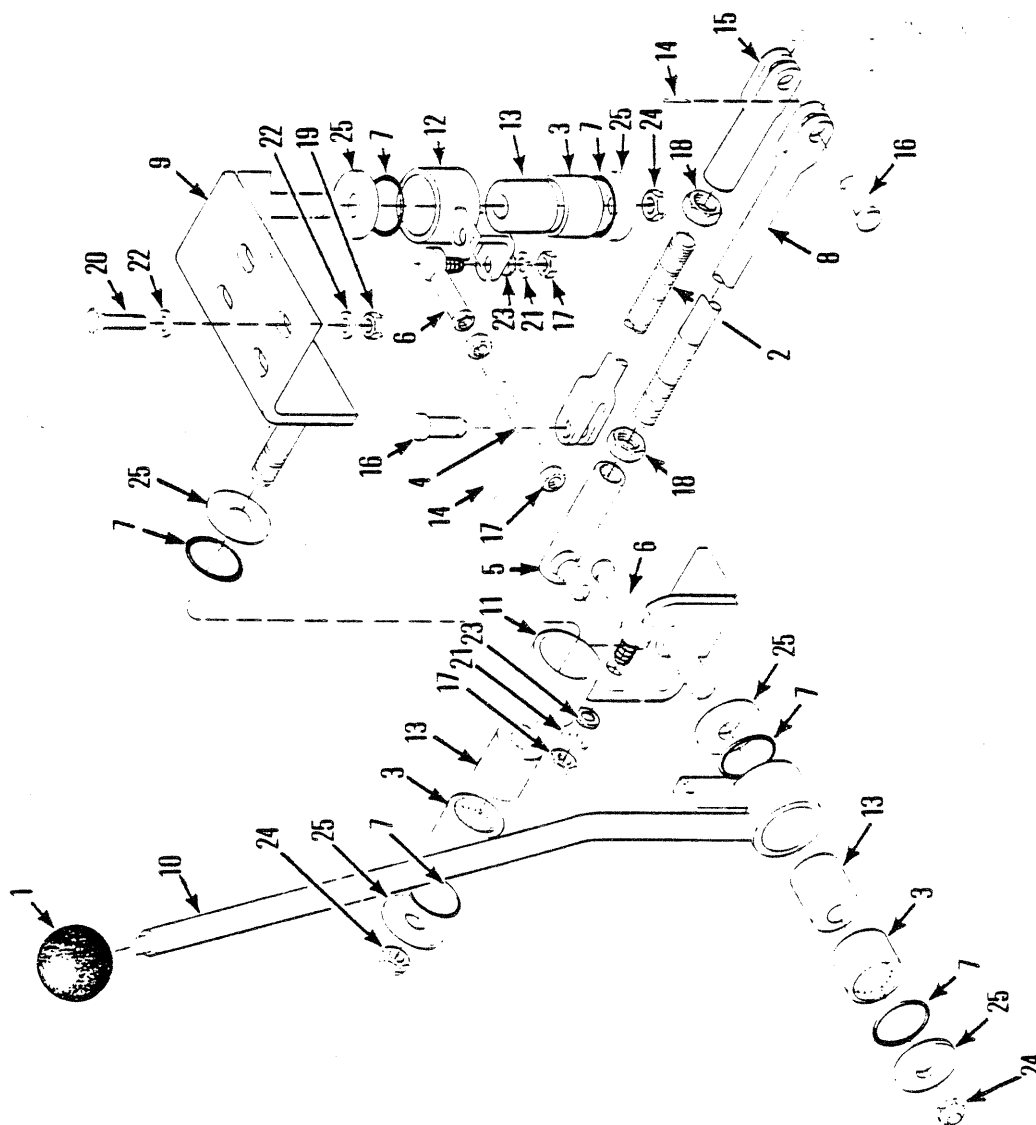
¹ When optional tilt Blade is installed, Clevis Assy. 1907170 is replaced by 1909411 Clevis Assy.

¹ Lorsque la lame à basculement en option est montée, l'ensemble étrier 1907170 est remplacé par l'ensemble étrier 1909411

¹ Wenn Schrägflügel - Sonderausstattung - montiert ist, Clevis-Aufbau 1907170 ausbauen und durch Clevis-Aufbau 1909411 ersetzen

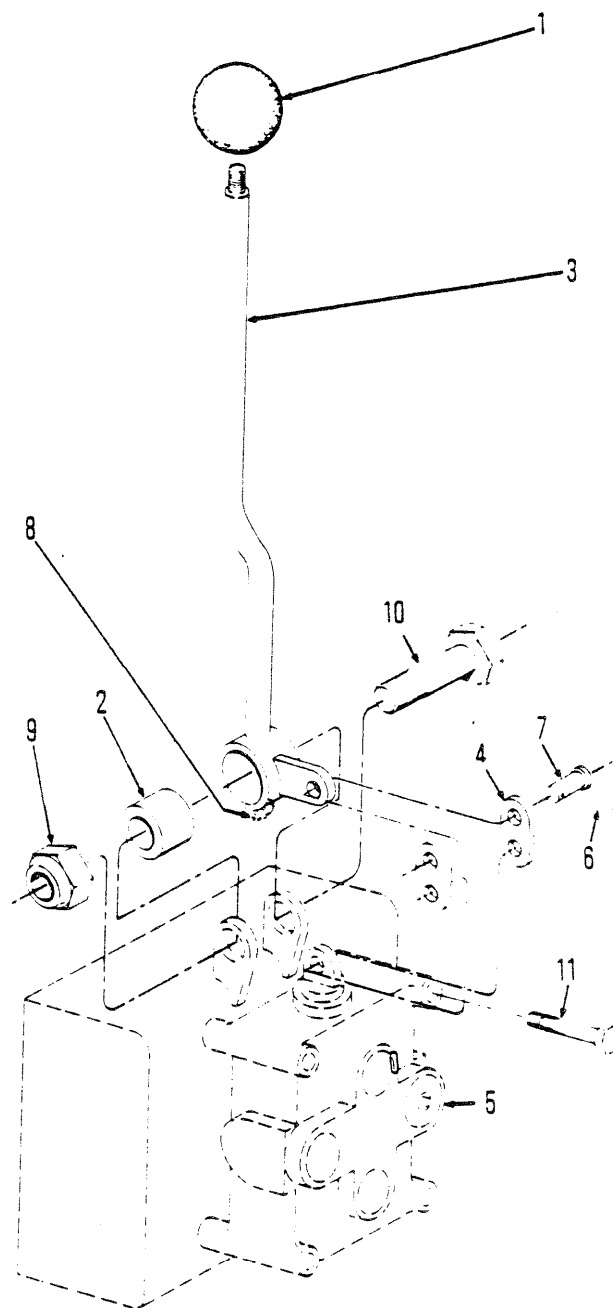
¹ Se for instalada a lâmina inclinável, o Conjunto de Forquilha 1907170 é substituído pelo conjunto de Forquilha 1909411

¹ Al instalar la Hoja inclinada opcional, el Conjunto de Abrazadera 1907170 se reemplaza por el Conjunto de Abrazadera 1909411



STEER & BLADE CONTROLS
CONTRÔLES DE GUIDAGE ET DE LAME
LENK UND BLATTSTEUERUNG
CONTRÔLES DE DIREÇÃO E LÂMINA
MANDOS DE DIRECCIÓN Y CUCHILLAS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manípula	botón
2	664803	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
3	675227	3	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
4	743785	1	Rod	tige	Stange	varão	varilla
5	774094	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
6	1317408	2	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
7	1522535	6	Wiper ring	anneau de came	Wischerring	anelo limpador	anillo restregador
8	1904938	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
9	1913805	1	Linkage support	supp de timonerie	Verbindungsstütze	apoio articulação	soporte articulación
10	1913806	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
11	1913807	1	Boss assy	ensemble bossage	Nabe vollst	conjunto do cubo	conjunto de botón
12	1913809	1	Boss assy	ensemble bossage	Nabe vollst	conjunto do cubo	conjunto de botón
13	1913819	3	Sleeve	manchon	Muffe	luva	manguito
14	1F0000414	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
15	2J008300	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
16	4F008127	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
17	8D000005	4	Nut	écrou	Mutter	porca	tuerca
18	8D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
19	17D000002	2	Nut	écrou	Mutter	porca	tuerca
20	17C000520	4	Bolt	boulon	Bolzen	parafuso	bulón
21	24E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	25E000015	8	Washer	rondelle	Scheibe	arruela	arandela
23	25E000017	2	Washer	rondelle	Scheibe	arruela	arandela
24	66D000008	3	Nut	écrou	Mutter	porca	tuerca
25	56 1912	6	Washer	rondelle	Scheibe	arruela	arandela

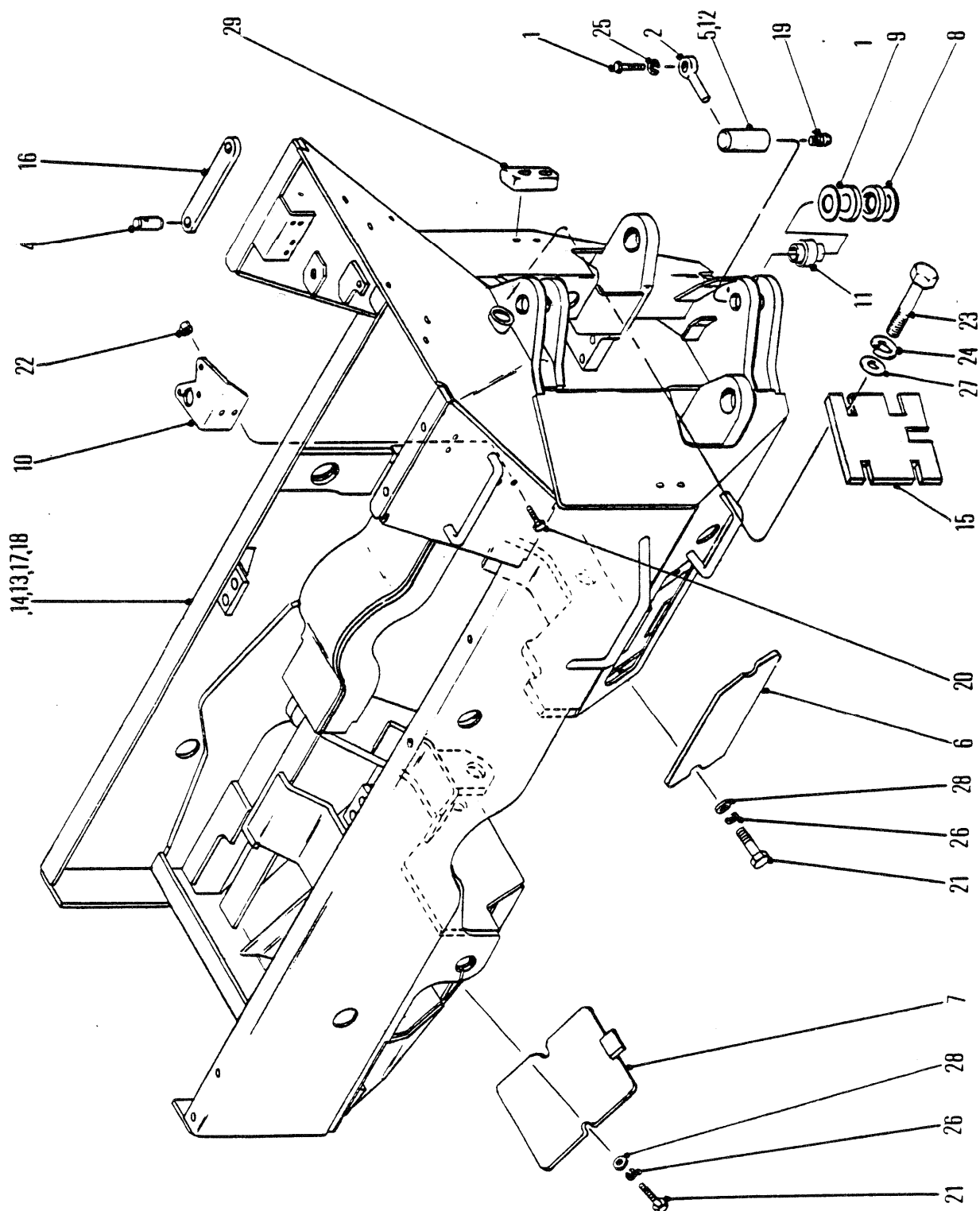


5876TP

CONTROLS-TILT BLADE
CONTRÔLES-LAME À BASCULE
STEUERUNGEN-KIPPSCHNEIDE
CONTRÔLES-INCLINAÇÃO DA LÂMINA
MANDOS-INCLINACIÓN DE LA CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1906301	1	Control assy	ass de contrôle	Steuereinheit	conj de control	conj control
1	509772	1	Knob	bouton	Knopf	manipula	botón
2	1900710	1	Sleeve	manchon	Muffe	luva	manguito
3	1906117	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
4	1906291	2	Link	articulation	Gelenk	articulação	articulación
5	○-----	1	Valve	oupape	Ventil	válvula	válvula
6	1F000414	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
7	4F008127	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
8	12H000015	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
9	17D000009	1	Nut	écrou	Mutter	porca	tuerca
10	17C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
11	17C000880	4	Bolt	boulon	Bolzen	parafuso	bulón

* Inc 1 → 4, 6, 7 & 10



**FRONT FRAME
CHÂSSIS AVANT
RAHMEN, VORDER
CHASSI DIANTEIRO
BASTIDOR DELANTERO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	124116	6	Bolt	boulon	Bolzen	parafuso	bulón
2	586452	6	Pin	goupille	Stift	pino	pasador
3	†669959	1	Stud	goujon	Stift	prisioneiro	espárrago
4	11317072	2	Faspin	faspin	Faspin	pino prend	horq
5	21903262	5	Pin	goupille	Stift	pino	pasador
6	1903645	2	Cover panel	panneau de couvercle	Deckplatte	painel de cobertura	panel de cubierta
7	1903652	1	Cover panel	panneau de couvercle	Deckplatte	painel de cobertura	panel de cubierta
8	1903689	4	Washer	rondelle	Scheibe	arruela	arandela
9	1905176	19	Shim	cale	Beilage	calço	planchita
10	1906152	1	Plate	plaque	Platte	placa	placa
11	1573309	2	Bushing	chemise	Buchse	bucha	buje
12	1908219	1	Pin	goupille	Stift	pino	pasador
13	31909279	1	Frame	châssis	Fahrgestell	chassi	bastidor
14	41909520	1	Frame	châssis	Fahrgestell	chassi	bastidor
15	1909993	1	Protector	protecteur	Schützerinrichtung	protetor	protector
16	11914390	1	Frame lock	serrure du châssis	Rahmenschlo-	trava do chassis	seguro de marco
17	51915145	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
18	61991052	1	Rail kit	jeu de rails	Schienen Kit	jogo de trilhos	juego de rieles
19	10H000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
20	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
21	17C001028	6	Bolt	boulon	Bolzen	parafuso	bulón
22	17D000003	2	Nut	écrou	Mutter	porca	tuerca
23	418C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
24	424E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	24E000008	10	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
26	24E000010	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
27	425E000017	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
28	25E000025	6	Washer	rondelle	Scheibe	arruela	arandela
29	7-----	2	Steering stop	arrêt de direction	Lenkanschlag	batente da direção	direc-parada

1 □ 505B-576-CAC&→, 507B-581-CAC&→

2 Upper Hinge
2 Articulation supérieure
2 Oberes Scharnier
2 Bisagra Superior
2 Bisagra Superior

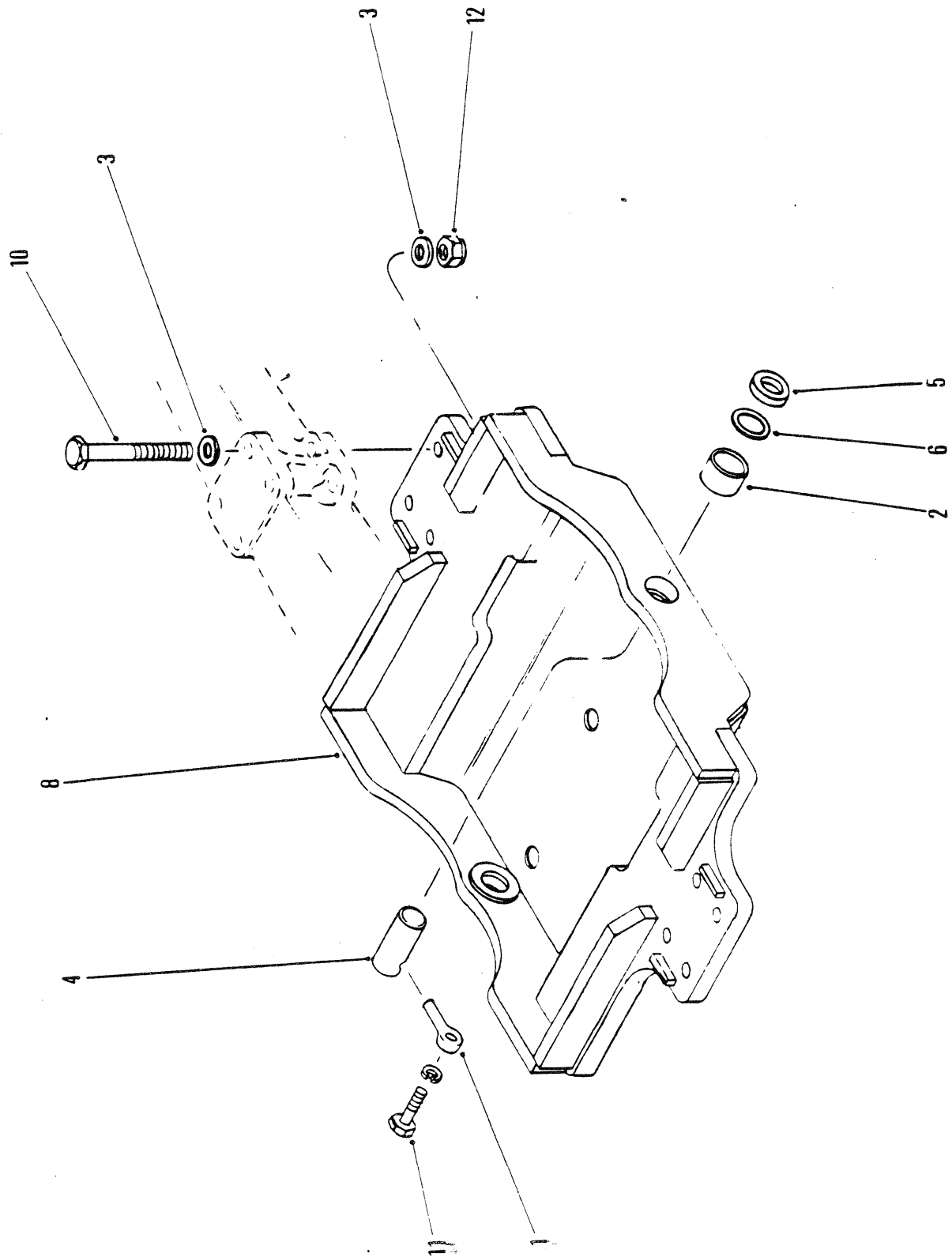
3 □ 505B-101→575-CAC, 507B-101→591-CAC

4 Used with optional tilt blade
4 Utilisé avec la lame à bascule facultative
4 Mit washseisem Kippblatt verwenden
4 Usado com lâmina inclinada optativa
4 Usar con cuchilla inclinada opcional

5 □ 505B-576-CAC&→, 507B-581-CAC&→

6 Ref RSG 47C

7 Ref Rim assembly
7 Ref ass de la jante
7 Ref Felgeneinheit
7 Ref conj de aros
7 Ref conj ilanta



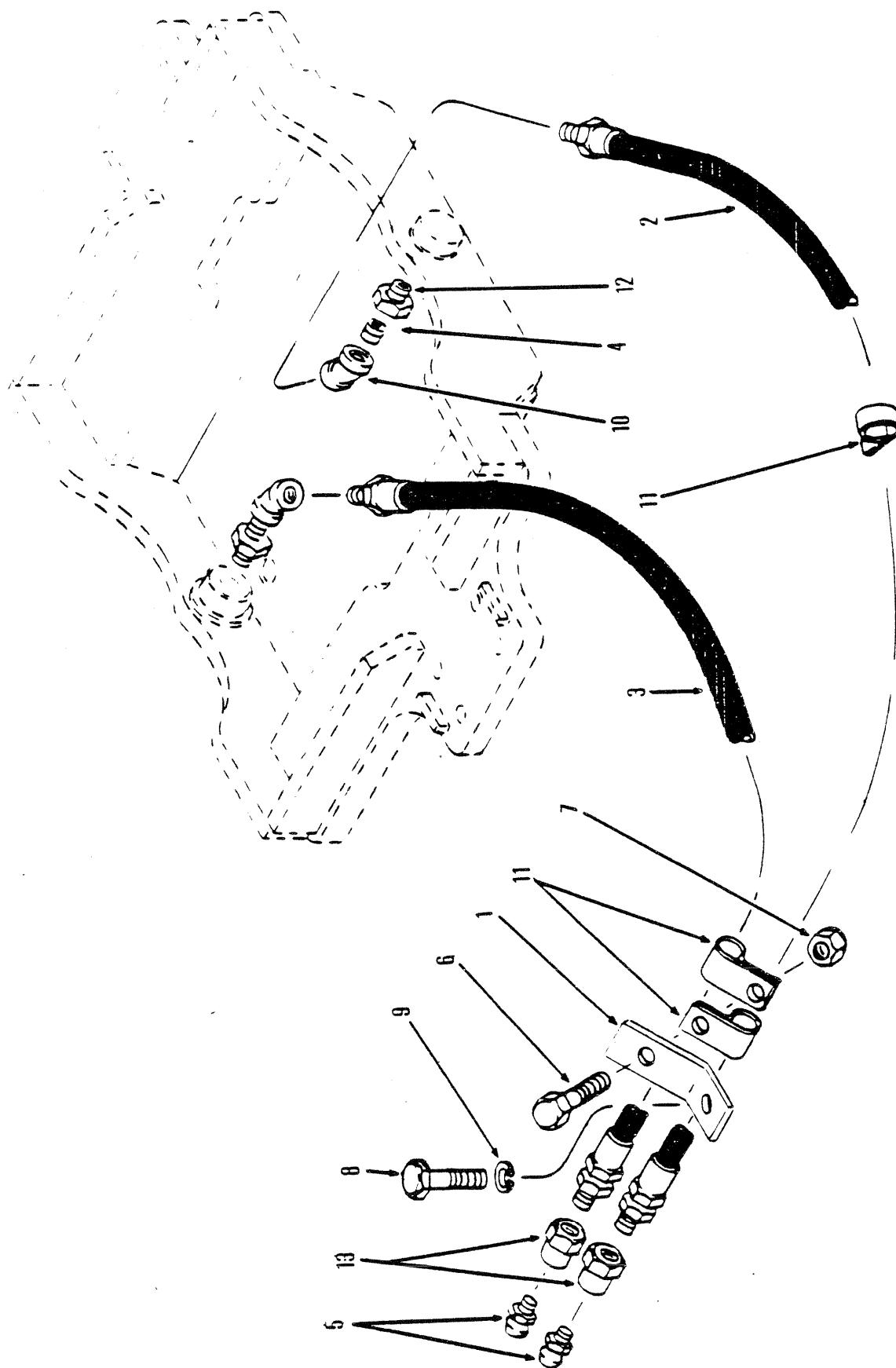
9

AXLE CRADLE & MOUNTING
ASSEMBLAGE ESSIEU ET BERCEAU
ACHSEN-UND WIEGENBEFESTIGUNG
MONTAGEM DO EIXO E ARMAÇÃO
MONTADURA DE EJE Y DE SOPORTE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1573309	2	Bushing	chemise	Buchse	bucha	buje
3	27E000016	16	Washer	rondelle	Scheibe	arruela	arandela
4	1903262	2	Pin	goupille	Stift	pino	pasador
5	1903689	2	Washer	rondelle	Scheibe	arruela	arandela
6	±1905176	-	Shim	cale	Beilage	calço	planchita
7	2+1906864	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	1908143	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
9	1991052	1	Cradle repair kit	jeu de répar du berc	Reparaturatz,Schlitten	jgo de conserto do berço	jgo de repar
10	18C016180	8	Bolt	boulon	Bolzen	parafuso	bulón
11	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
12	68D000016	8	Nut	écrou	Mutter	porca	tuerca

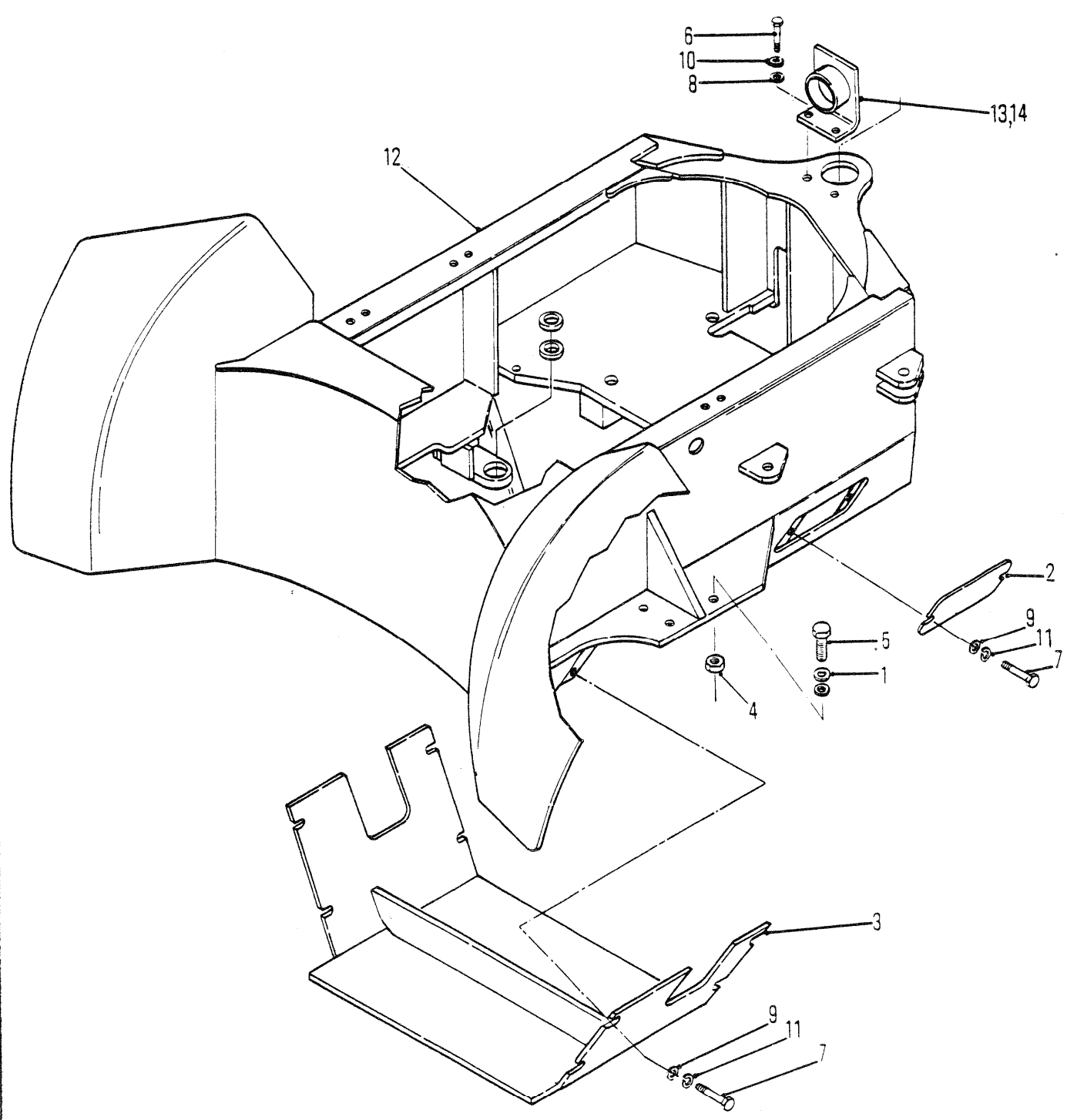
¹ Ref RSG 47D

² □505A-101→385-CAC, 507A-101→415-CAC



CRADLE LUBRICATION
LUBRIFICATION DU LIT
ACHSGABEL-SCHMIERUNG
LUBRIFICAÇÃO DO BERÇO
LUBRIFICACION DE LA CUNA

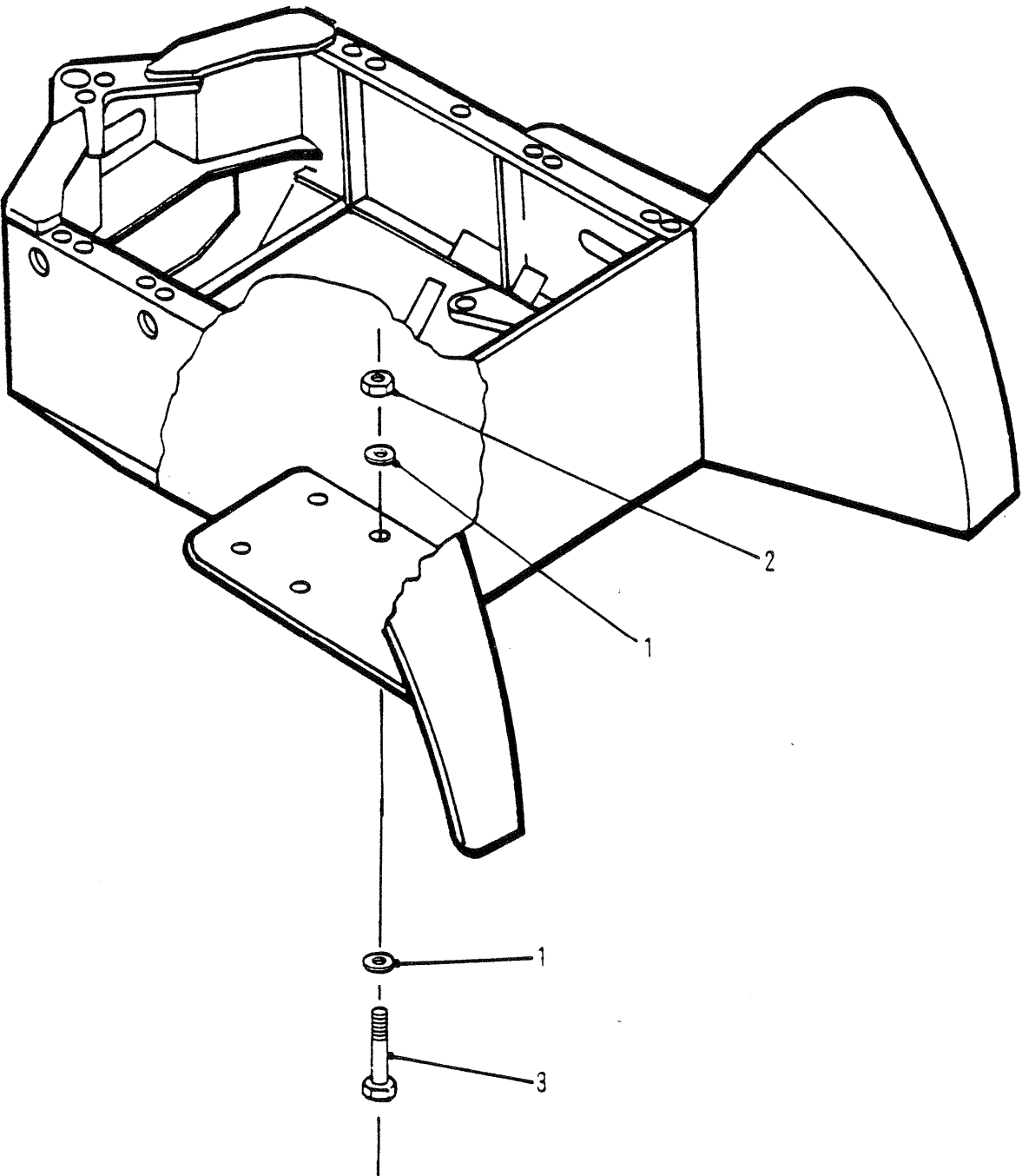
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1904293	1	Bracket	support	Winkel	grampo	grampa
2	1909688	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	1909689	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	5K0000106	2	Nipple	raccord	Nippel	niple	niple
5	11H000015	2	Fitting	ajustage	Verbindung	ajuste	accesorio
6	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
7	17D000003	1	Nut	écrou	Mutter	porca	tuerca
8	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
9	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	24F000001	2	Elbow	coude	Winkelrohr	cotovêlo	codo
11	30H000031	5	Clip	attache	Schelle	braçadeira	abrazadera
12	59F000001	2	Connector	raccord	Verbindungsstück	ligador	conector
13	60F000003	2	Connector	raccord	Verbindungsstück	ligador	conector



5536TP

**REAR FRAME
CHÂSSIS ARRIÈRE
RAHMEN, HINTER
CHASSI TRASEIRO
BASTIDOR TRASERO**

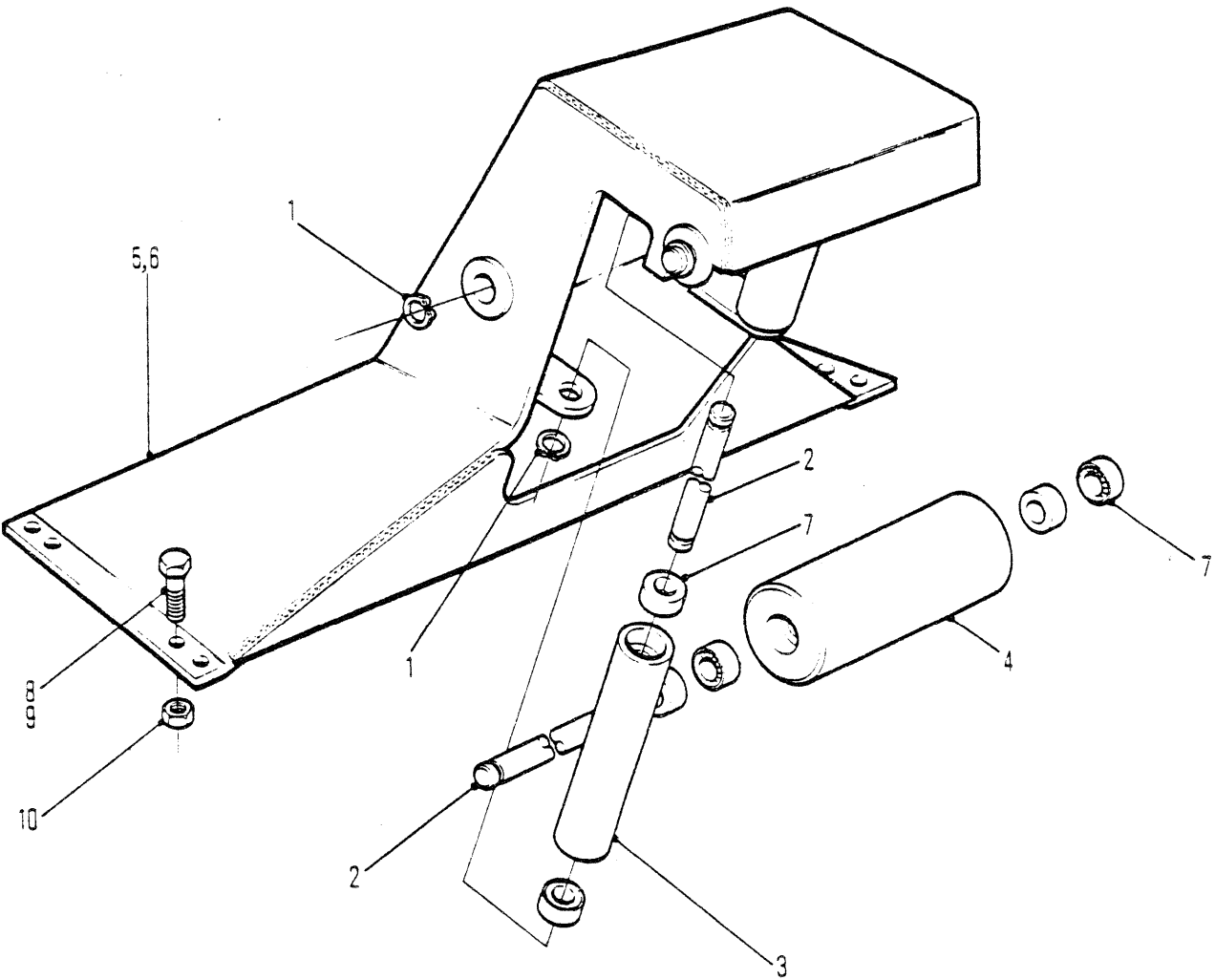
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	27E000016	16	Washer	rondelle	Scheibe	arruela	arandela
2	1908139	2	Cover	couvercle	Deckel	tampa	tapa
3	1913600	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
4	68D000016	8	Nut	écrou	Mutter	porca	tuerca
5	18C016168	8	Bolt	boulon	Bolzen	parafuso	bulón
6	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
7	17C001028	8	Bolt	boulon	Bolzen	parafuso	bulón
8	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	24E000010	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	27E000010	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
12	1913678	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
13	1903693	1	Bracket	support	Winkel	grampo	grampa
14	†1907506	1	Bracket	support	Winkel	grampo	grampa
15	†1907507	1	Guard	protecteur	Schutz	proteção	protector
16	†17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
17	†59D000008	2	Nut	écrou	Mutter	porca	tuerca



6456TP

REAR AXLE MOUNTING
MONTAGE DE L'ESSIEU ARRIÈRE
HINTERACHSEN-MONTAGE
SUPORTE 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	60D000016	8	Nut	écrou	Mutter	porca	tuerca
3	18C016168	8	Bolt	boulon	Bolzen	parafuso	bulón



5626TP

FAIRLEAD & MOUNTING
GUIDE - CÂBLE ET MONTAGE
FÜHRUNGSROLLE UND MONTAGE
RODA - GUIA E MONTAGEM
POLEA - GUIA Y MONTURA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1305943	8	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	1903596	4	Shaft	arbre	Welle	ávore	árbol
3	1903598	3	Roller	galet	Rolle	rolete	rodillo
4	1903601	1	Roller	galet	Rolle	rolete	rodillo
5	1903603	1	Fairlead assy	ass du guide câble	Führungseinheit	cj cond cabo	conj pol guía
6	1906663	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	1908372	10	Bearing	palier	Lager	mancal	cojinete
8	17C001244	8	Bolt	boulon	Bolzen	parafuso	bulón
9	17C001260	8	Bolt	boulon	Bolzen	parafuso	bulón
10	17D000010	8	Nut	écrou	Mutter	porca	tuerca

1 □ 505A-101 → 115-CAC, 507A-101 → 115-CAC

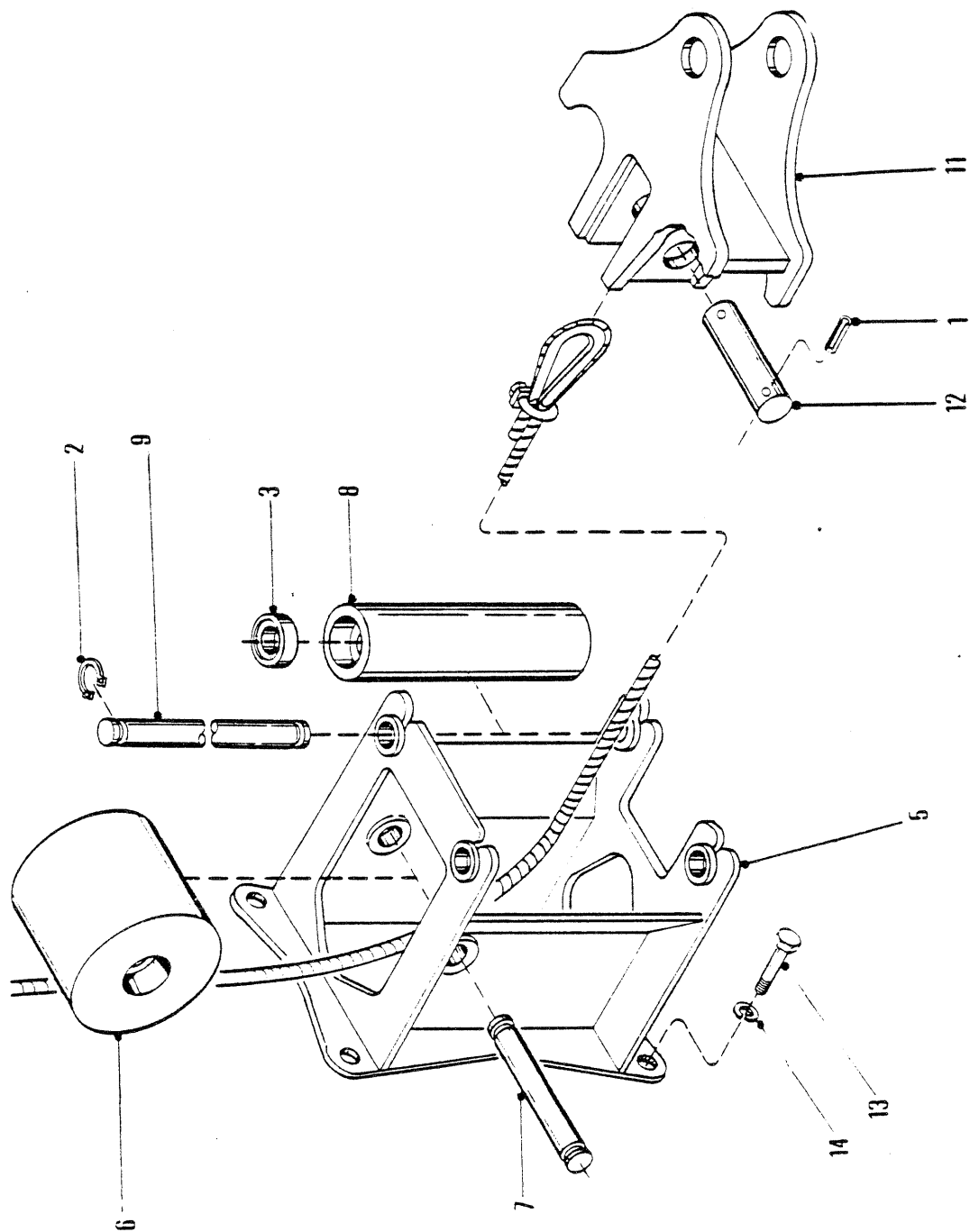
2 Open side of bearings should be together when assembled

2 Les côtés ouverts des paliers doivent être ensemble lors du montage

2 Offene Lagerseite muss bei Zusammenbau zusammen sein

2 Os lados abertos dos mancais devem estar juntos quando forem montados

2 Partes abiertas de los cojinetes deben estar juntas cuando estan armados



SCARIFYING FAIRLEAD ☒
 GUIDE DE CÂBLE ESCARIF ☒
 REISSPFLUG-FÜHRUNGSROLLE ☒
 GUIA DO CABO ESCARIF ☒
 POLEA GUÍA ESCARIF ☒

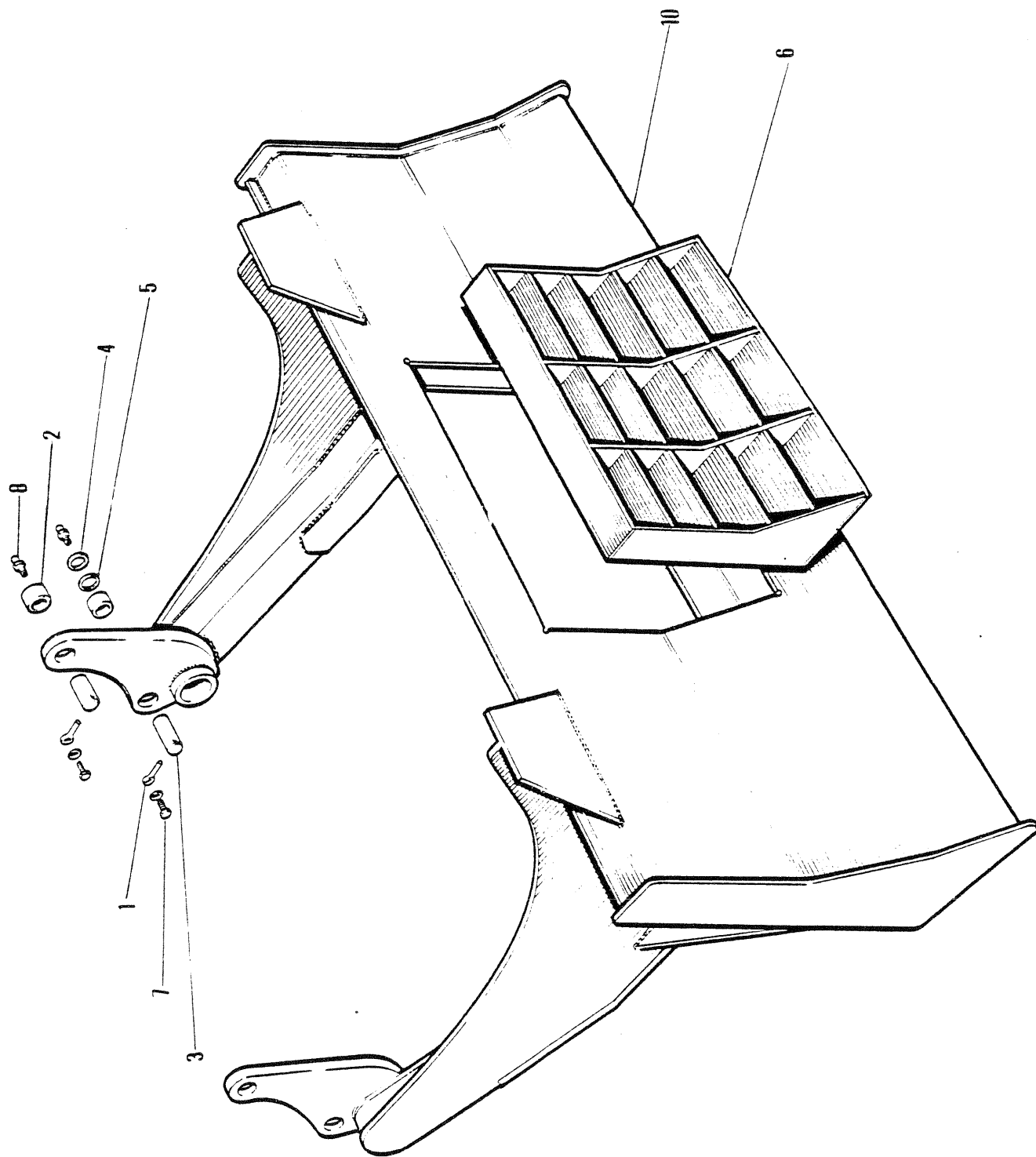
RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	658455	2	Pin	goupille	Stift	pino	pasador
2	1902877	6	Ring	anneau	Ring	anel	anillo
3	1908365	12	Bearing	palier	Lager	mancal	cojinete
4	1909281	1	Fairlead	guide câble	Führungsrolle	cond do cabo	polea guía
5	1909282	1	Housing	botier	Gehuse	carcaça	carcasa
6	1909289	1	Roller	galet	Rolle	rolete	rodillo
7	1909291	1	Shaft	arbre	Welle	ávore	árbol
8	1911818	2	Roller	galet	Rolle	rolete	rodillo
9	1911819	2	Shaft	arbre	Welle	ávore	árbol
10	1911924	1	Hitch assy	ass daccrochage	Hakeninheit	cj de enganche	conj enganche
11	1911925	1	Housing	botier	Gehuse	carcaça	carcasa
12	1911929	1	Pin	goupille	Stift	pino	pasador
13	17C001636	4	Bolt	boulon	Bolzen	parafuso	bulón
14	23E000016	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 2, 3, 5 → 9, 13 & 14

² Inc 1, 11 & 12

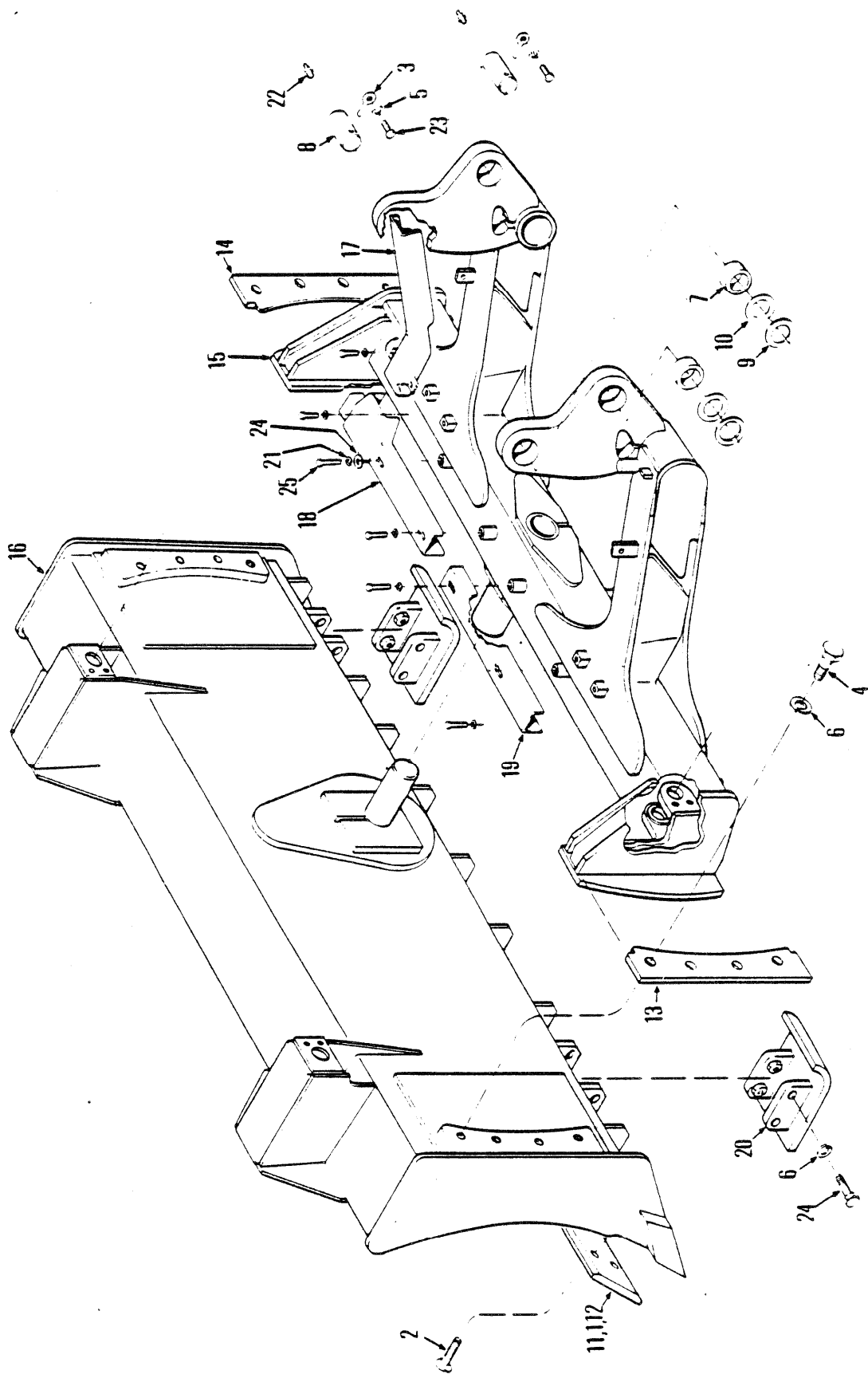
5598TP



BLADE & MOUNTING
PALE & MONTAGE
SCHAUFEL UND SCHAUFELMONTAGE
LÂMINA E SUPORTE
LAMINA Y SOPORTE

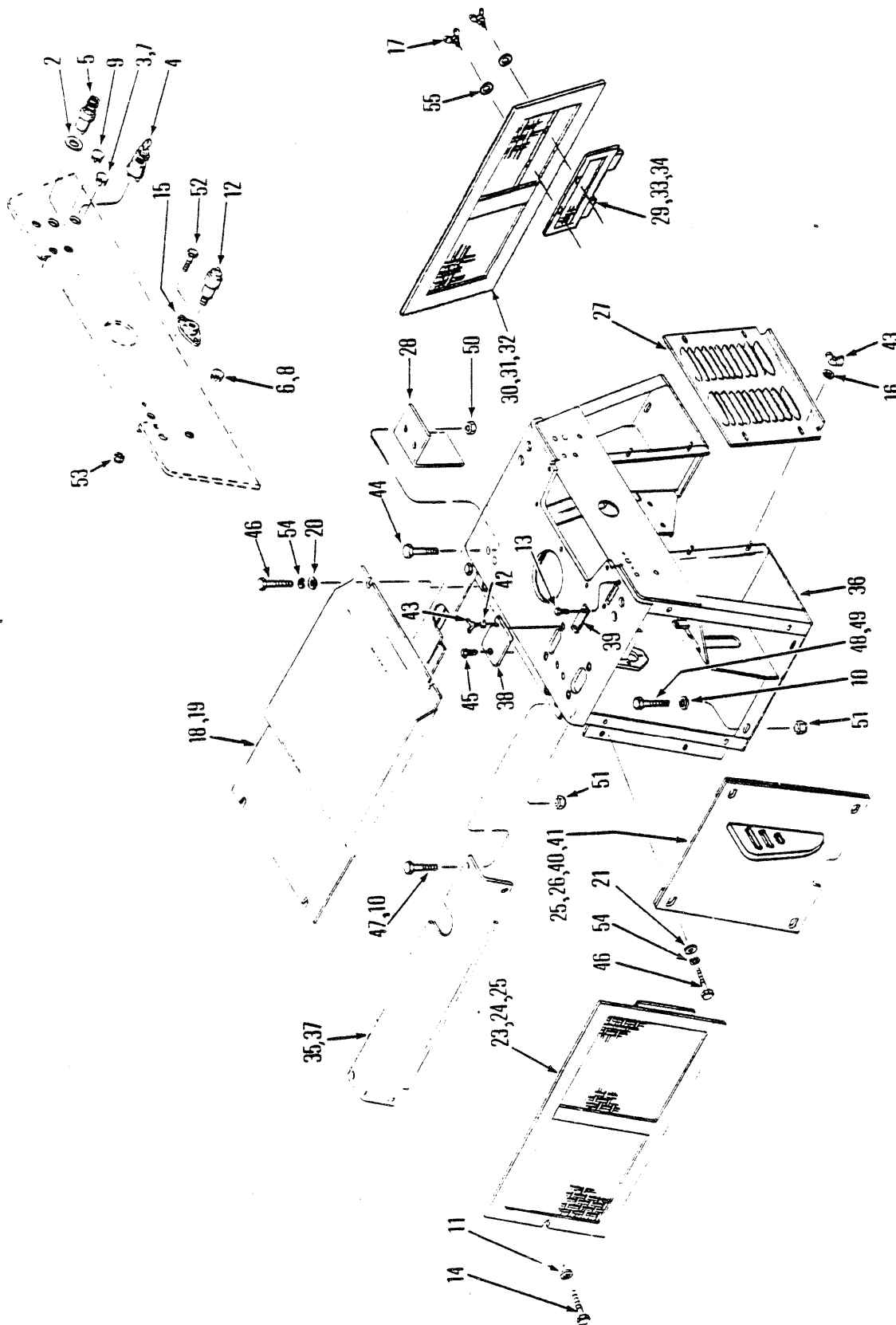
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	586452	4	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1573309	6	Bushing	chemise	Buchse	bucha	buje
3	1903262	4	Pin	goupille	Stift	pino	pasador
4	1903689	4	Washer	rondelle	Scheibe	arruela	arandela
5	±1905176	-	Shim	cale	Beilage	calço	planchita
6	†1921639	1	Grille	grille	Grill	grade	careta
7	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
8	10H000025	4	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
9	†24E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	1908088	1	Blade	lame	Schild	lâmina	cuchilla

† Site prep. option
† Préparation sur place, optionnel
† Vorbereitung am Platz, zur Wahl
† Preparação e opção do local
† Preparación de terreno, opcional



TILT BLADE ☒
LAME À BASCULE ☒
KIPPBLATT ☒
LÂMINA INCLINADA ☒
CUCHILLA INCLINADA ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	†560364	1	Cutting edge	lame coupe	Schneidkante	fio corte	cuchilla corte
2	580104	28	Bolt	boulon	Bolzen	parafuso	bulón
3	586452	4	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
4	17C001236	16	Bolt	boulon	Bolzen	parafuso	bulón
5	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
6	24E000012	16	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	1573309	6	Bushing	chemise	Buchse	bucha	buje
8	1903262	6	Pin	goupille	Stift	pino	pasador
9	1903689	4	Washer	rondelle	Scheibe	arruela	arandela
10	±1905176	-	Shim	cale	Beilage	calço	planchita
11	1906140	1	Cutting edge LH	lame coupe CG	Schneidkante L	fio corte LE	cuchilla corte LI
12	1906141	1	Cutting edge RH	lame coupe CD	Schneidkante R	fio corte LD	cuchilla corte LD
13	1906234	1	Retainer LH	arretoir CG	Halterung L	retentor LD	retén LD
14	1906256	1	Retainer RH	arretoir CD	Halterung R	retentor LE	retén LI
15	1906286	1	Frame	châssis	Fahrgestell	chassi	bastidor
16	1906300	1	Blade assy	ass de lame	Blatteinheit	conj de lâmina	disp de cuchilla
17	1907274	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
18	1907280	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
19	1907281	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
20	1907673	2	Skidshoe assy	ass du sabot dérap	Hemmschuh Einh	cj sapata resvalo	conj zapata patinado
21	4E0000006	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	10H000025	6	Fitting	ajustage	Verbindung	ajuste	accesorio
23	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
24	25E000018	7	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana



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

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1†-----	1	Kit	jeu	Satz	jogo	juego
2	547237	1	Decal	décalcanie	Abziehbild	decalcomania	calcomania
3	†552440	1	Switch	interrupteur	Schalter	interruptor	interruptor
4	573548	1	Ignition switch	interr dallumage	Zundschalter	chava de ignição	inter encendido
5	600259	1	Button	bouton	Knopf	botão	botón
6	696073	1	Plug	bouchon	Stopfen	bujão	tapón
7	743200	1	Plug	bouchon	Stopfen	bujão	tapón
8	2†900172	1	Ether start kit	jeu de démarr éther	Äther-Anlass-Satz	jgo arranque a éter	jgo ence
9	1†1310761	3	Plug	bouchon	Stopfen	bujão	tapón
10	25E000025	12	Washer	rondelle	Scheibe	arruela	arandela
11	25E000027	2	Washer	rondelle	Scheibe	arruela	arandela
12	1529625	1	Indicator	indicateur	Messer	indicador	indicador
13	85G000814	2	Screw	vis	Schraube	parafuso	tornillo
14	1901362	2	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
15	1901972	1	Flange	bride	Flansch	flange	brida
16	25E000017	4	Washer	rondelle	Scheibe	arruela	arandela
17	1903932	2	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
18	1†1904844	1	Panel assy	panneau ens	Tafel vollst	painel conj	panel conj
19	2†1904854	1	Panel assy	panneau ens	Tafel vollst	painel conj	panel conj
20	25E000021	12	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
21	25E000022	8	Washer	rondelle	Scheibe	arruela	arandela
22	3†1904872	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
23	4‡1905090	1	Panel side LH	panneau latéral CG	Seitenblech L	painel lateral LE	panel lateral LI
24	5‡1905105	1	Panel side LH	panneau latéral CG	Seitenblech L	painel lateral LE	panel lateral LI
25	1905111	1	Panel side LH	panneau latéral CG	Seitenblech L	painel lateral LE	panel lateral LI
26	3†1905164	1	Panel LH	panneau CG	Tafel L	painel esq	panel lado izq
27	1905218	1	Panel	panneau	Tafel	painel	panel
28	6†1905329	1	Bracket	support	Winkel	grampo	grampa
29	1906481	1	Access panel	panneau daccs	Blende	painel de acceso	panel de acceso
30	1906483	1	Panel side RH	panneau latéral CD	Seitenblech R	painel lateral LD	panel lateral LD
31	4‡1906515	1	Panel side RH	panneau latéral CD	Seitenblech R	painel lateral LD	panel lateral LD
32	5‡1906519	1	Panel side RH	panneau latéral CD	Seitenblech R	painel lateral LD	panel lateral LD
33	4‡1906996	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
34	5‡1906997	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
35	1908336	1	Rail assy LH	assemblage du rail G	Schieneneinheit L	conj do trilho LE	conjunto riel LI

1 CUM

2 GM

3 □ 505A-101 → 341-CAC, 507B-101 → 341-CAC

4 Solid

4 Plein

4 Massiv

4 Sólido

4 Sólido

5 Louvered

5 À volets

5 mit Luftschlitzen

5 Com fresta

5 Con aletas

6 RH-GM, LH-CUM

6 D-GM, G-CUM

6 R-GM, L-CUM

6 LD-GM, LE-CUM

6 LD-GM, LI-CUM

668CUM
668GM

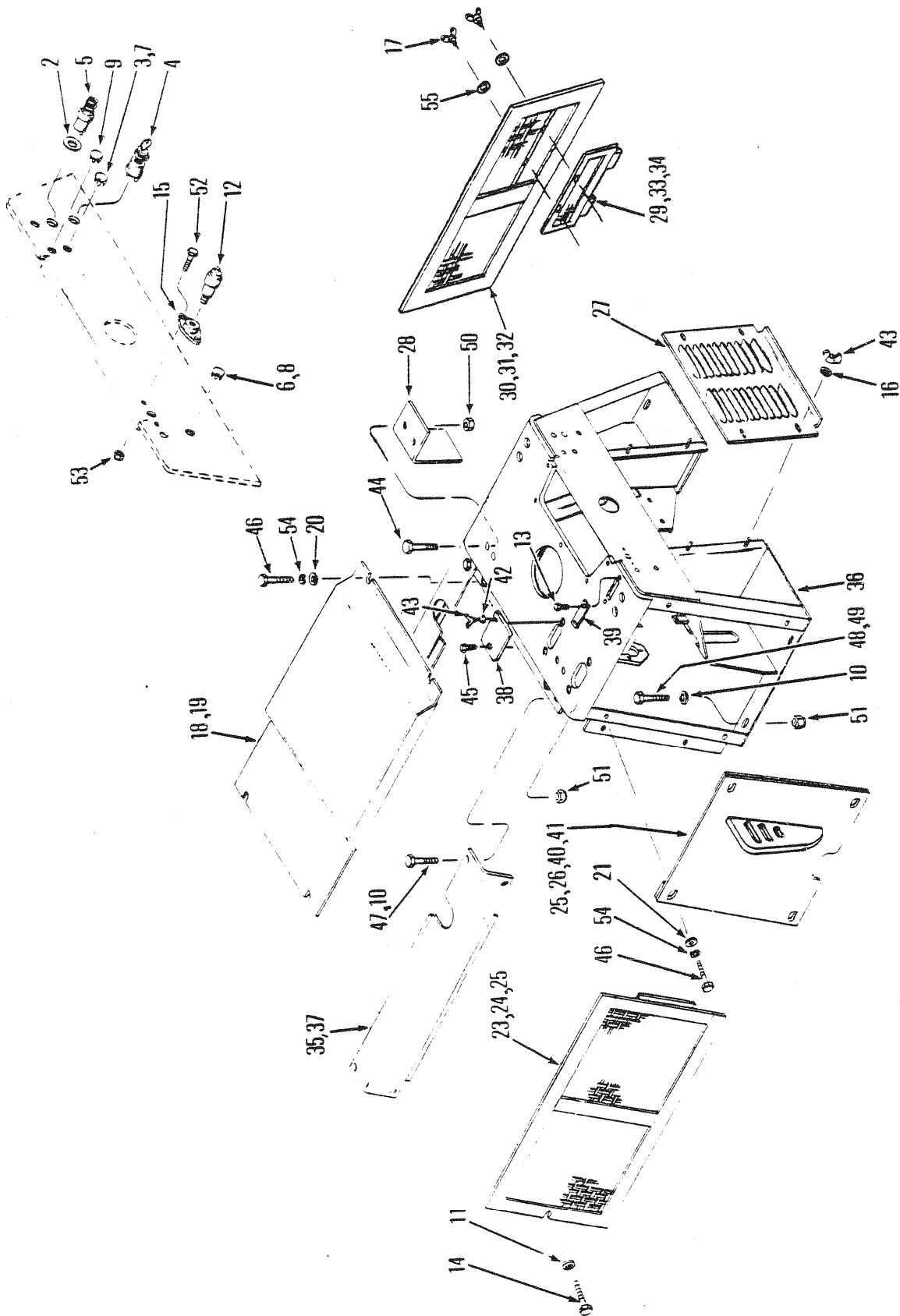
507B-101-CAC → 507B-9999-CAC
505B-101-CAC → 505B-9999-CAC

Ref 05632TP

001-86

1 K 18

GROUP B 4 10180



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	1909519	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
37	1908337	1	Rail assy RH	assemblage du rail D	Schieneneneinheit R	conj do trilho LD	conjunto rielLD
38	1913640	2	Cover	couvercle	Deckel	tampa	tapa
39	1913680	1	Cover	couvercle	Deckel	tampa	tapa
40	1914139	1	Panel LH	panneau CG	Tafel L	painel esq	panel lado izq
41	1914143	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
42	12E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
43	16D000006	4	Nut	écrou	Mutter	porca	tuerca
44	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
45	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
46	17C000820	12	Bolt	boulon	Bolzen	parafuso	bulón
47	17C001024	8	Bolt	boulon	Bolzen	parafuso	bulón
48	17C001028	2	Bolt	boulon	Bolzen	parafuso	bulón
49	17C001036	2	Bolt	boulon	Bolzen	parafuso	bulón
50	17D000001	2	Nut	écrou	Mutter	porca	tuerca
51	17D000009	12	Nut	écrou	Mutter	porca	tuerca
52	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
53	18D000004	2	Nut	écrou	Mutter	porca	tuerca
54	24E000008	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
55	24E000015	2	Washer	rondelle	Scheibe	arruela	arandela

¹ CUM

² GM

³ □ 505A-101 → 341-CAC, 507B-101 → 341-CAC

⁴ Solid

⁴ Plein

⁴ Massiv

⁴ Sólido

⁴ Sólido

⁵ Louvered

⁵ À volets

⁵ mit Luftschlitzen

⁵ Com fresta

⁵ Con aletas

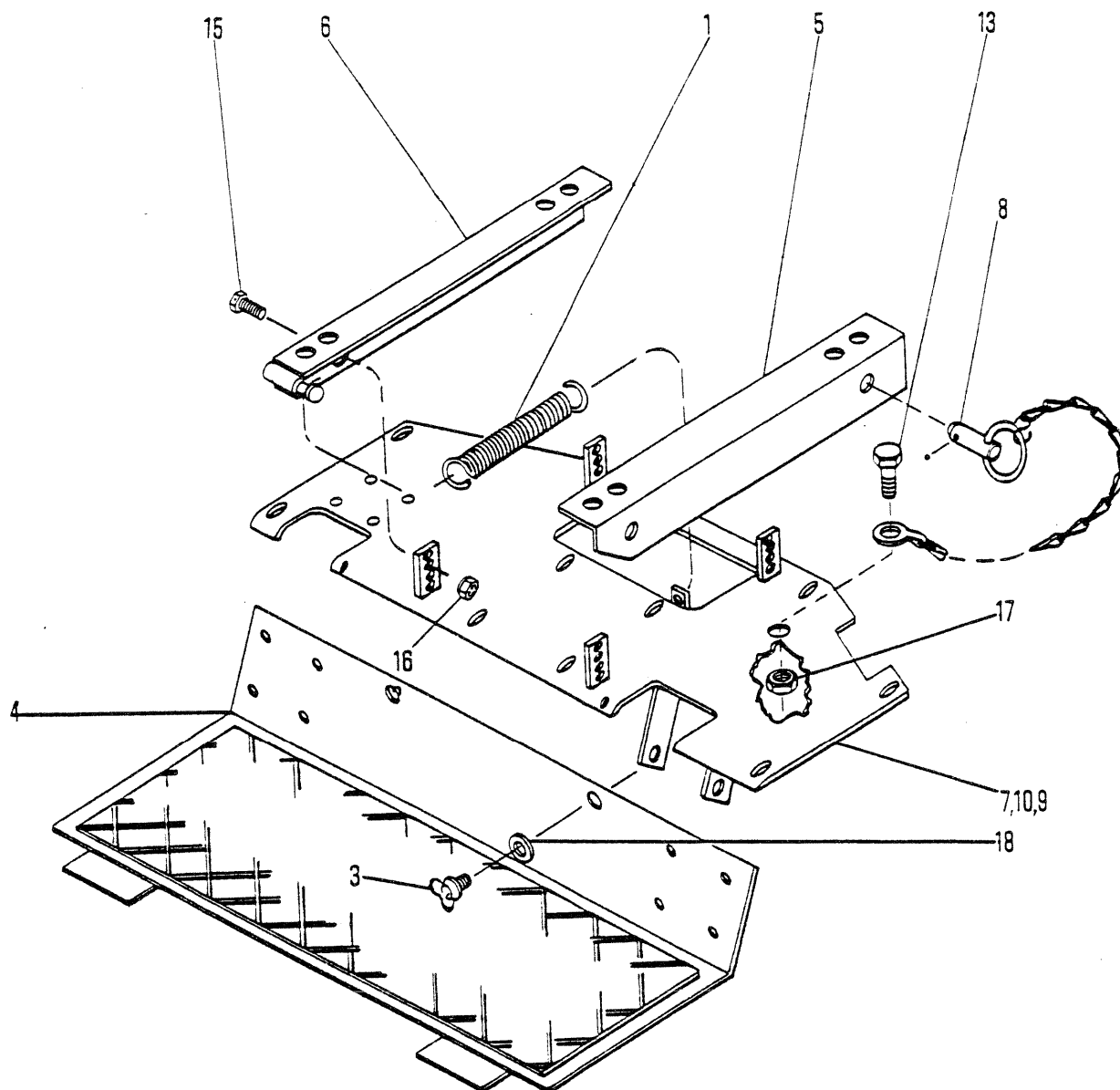
⁶ RH-GM, LH-CUM

⁶ D-GM, G-CUM

⁶ R-GM, L-CUM

⁶ LD-GM, LE-CUM

⁶ LD-GM, LI-CUM



5686TP

FLOORBOARD & SEAT SUPPORT PLANCHER ET SUPPORT DU SIÈGE BODENPLATTE UND SITZSTUTZE SUPORE ASSOALHO E ASSENTO SOPORTE PISO Y ASIENTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	² 550301	1	Spring	ressort	Feder	mola	resorte
2	[†] 1305373	1	Screw	vis	Schraube	parafuso	tornillo
3	1903932	2	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
4	1906843	1	Floorboard	plancher	Bodenblech	assoalho	piso
5	² 1908378	1	Seat support	support siège	Sitzabstützung	suporte assento	soporte asiento
6	² 1908380	1	Seat support	support siège	Sitzabstützung	suporte assento	soporte asiento
7	[†] 1909294	1	Seat plate	siège de la plaque	Plattensitz	asiento da chapa	asiento placa
8	² 1909699	2	Faspin assy	assemblage faspin	Faspin vollst	cj do pino prend	conjunto horq
9	1913810	1	Plate	plaque	Platte	placa	placa
10	² 1913813	1	Seat plate	siège de la plaque	Plattensitz	asiento da chapa	asiento placa
11	[†] 1916034	2	Bushing	chemise	Buchse	bucha	buje
12	[†] 1916989	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
13	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
14	[†] 17D000002	1	Nut	écrou	Mutter	porca	tuerca
15	² 18C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
16	² 18D000008	2	Nut	écrou	Mutter	porca	tuerca
17	24E000004	2	Nut	écrou	Mutter	porca	tuerca
18	25E000017	2	Washer	rondelle	Scheibe	arruela	arandela

[†] □ 505B-101 → 340-CAC & 507B-101 → 340-CAC

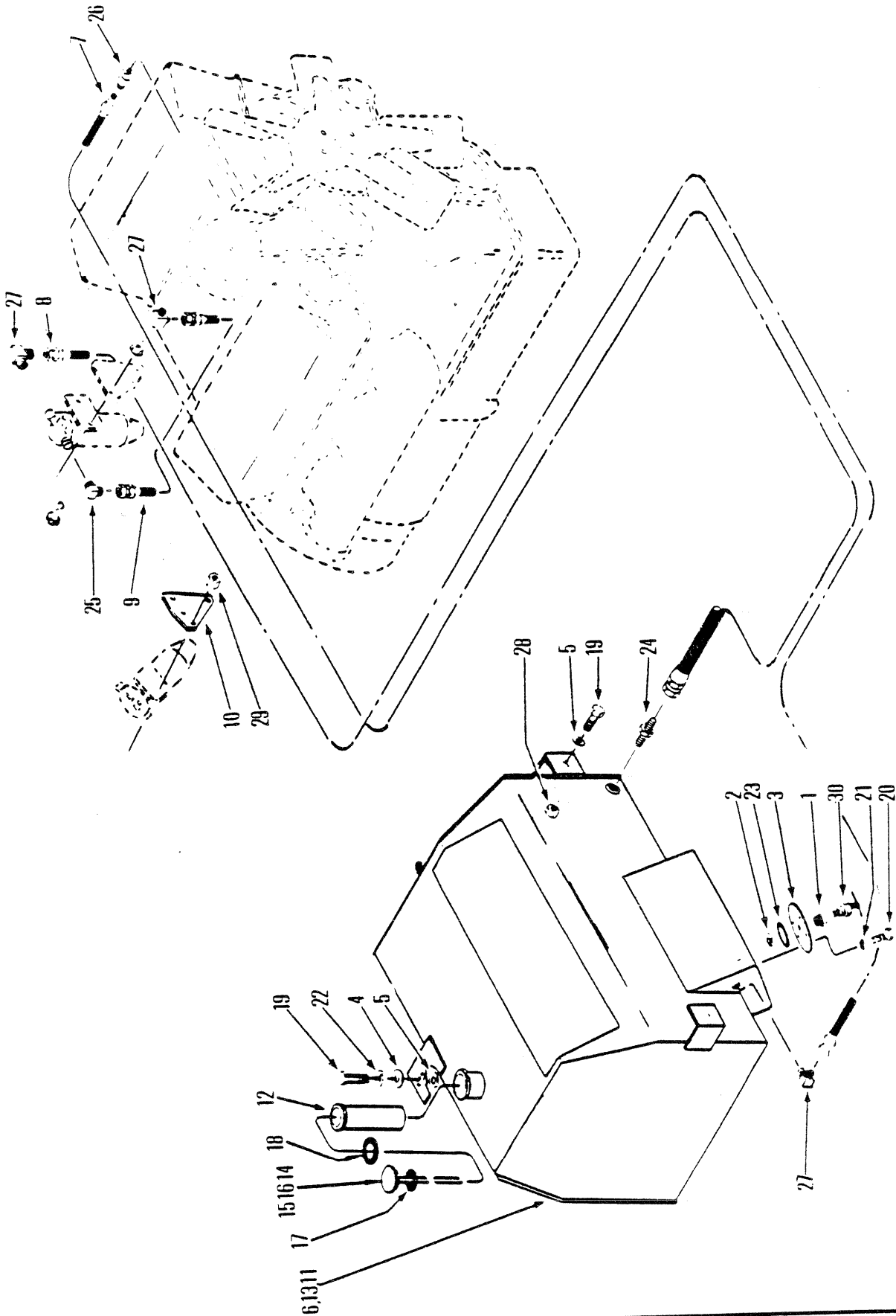
² Remove when optional bostrom seat is used

² Enlever si le siège inférieur facultatif est utilisé

² Entfernen, wenn Sondersitz verwendet wird

² Retirar ao usar assento optativo

² Quitar al usar asiento opcional

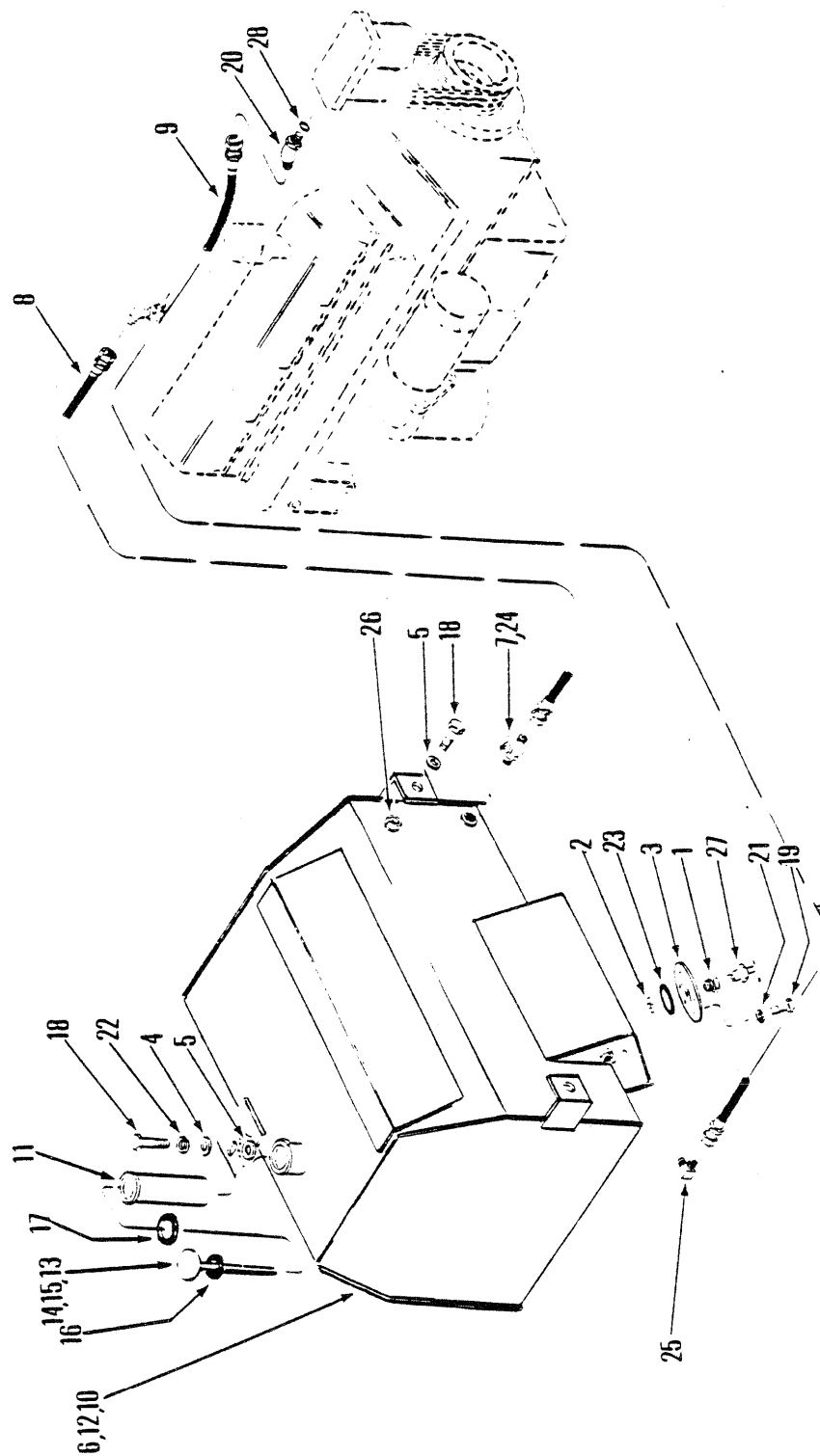


FUEL TANK & LINES
RÉSERVOIR DE CARBURANT & CANALISATION
KRAFTSTOFFTANK & LEITUNGEN
TANQUE DE COMBUSTÍVEL & TUBULAÇÕES
BEPÓSITO & LÍNEAS DE COMBUSTIBLE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	356622	1	Reducer	réducteur	Reduzierstück	reductor	reductor
2	525293	1	Magnet	aimant	Magnet	ímã	ímán
3	587613	1	Cover	couvercle	Deckel	tampa	tapa
4	664427	1	Washer	rondelle	Scheibe	arruela	arandela
5	664871	3	Pad	tampon	Polster	almofada	almohadilla
6	1904572	1	Tank	réservoir	Tank	tanque	tanque
7	1905192	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1905193	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1905752	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1905822	1	Bracket	support	Winkel	grampo	grampa
11	1905881	1	Tank	réservoir	Tank	tanque	tanque
12	1906705	1	Strainer	tamis	Sieb	coador	tamiz
13	1906711	1	Tank	réservoir	Tank	tanque	tanque
14	1915634	1	Cap	chapeau	Kappe	tampa	tapa
15	1915756	1	Cap	chapeau	Kappe	tampa	tapa
16	1919500	1	Cap	chapeau	Kappe	tampa	tapa
17	1990900	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
18	1990901	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
19	17C001032	3	Bolt	boulon	Bolzen	parafuso	bulón
20	18C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
21	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
24	38F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	38F000009	1	Elbow	coude	Winkelrohr	cotovêlo	codo
26	39F000006	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
27	42F000008	3	Elbow	coude	Winkelrohr	cotovêlo	codo
28	59D000010	2	Nut	écrou	Mutter	porca	tuerca
29	60D000006	2	Nut	écrou	Mutter	porca	tuerca
30	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga

1 505A-101 → 115-CAC

2 Inc 17 & 18



5672TP

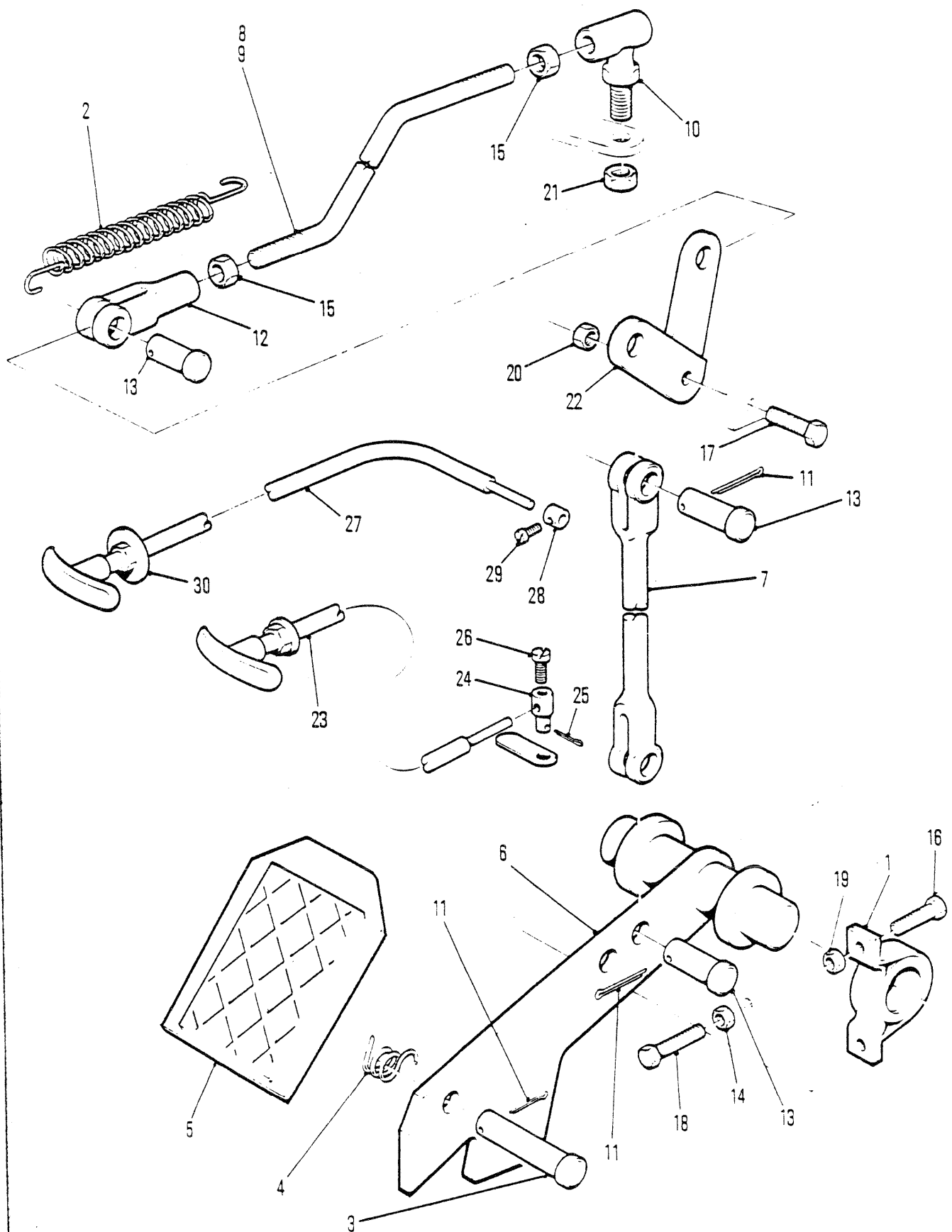
FUEL TANK & LINES
RÉSERVOIR DE CARBURANT & CANALISATION
KRAFTSTOFFTANK & LEITUNGEN
TANQUE DE COMBUSTÍVEL & TUBULAÇÕES
DEPÓSITO & LÍNEAS DE COMBUSTIBLE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	356622	1	Reducer	réducteur	Reduzierstück	reductor	reductor
2	525293	1	Magnet	aimant	Magnet	ímã	ímã
3	587613	1	Cover	couvercle	Deckel	tampa	tapa
4	664427	1	Washer	rondelle	Scheibe	arruela	arandela
5	664871	3	Pad	tampon	Polster	almofada	almohadilla
6	1904572	1	Tank	réservoir	Tank	tanque	tanque
7	1904875	1	Valve	soupape	Ventil	válvula	válvula
8	1905331	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1905332	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1905881	1	Tank	réservoir	Tank	tanque	tanque
11	1906705	1	Strainer	tamis	Sieb	coador	tamiz
12	1906711	1	Tank	réservoir	Tank	tanque	tanque
13	1915634	1	Cap	chapeau	Kappe	tampa	tapa
14	1915756	1	Cap	chapeau	Kappe	tampa	tapa
15	1919500	1	Cap	chapeau	Kappe	tampa	tapa
16	1990900	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
17	1990901	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
18	17C001032	3	Bolt	boulon	Bolzen	parafuso	bulón
19	18C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
20	18K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
24	38F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	42F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
26	59D000010	2	Nut	écrou	Mutter	porca	tuerca
27	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
28	91F000007	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 □ 507A-101 → 115-CAC

2 □ 507B-116 → 590-CAC

3 □ 507A-175-CAC & 507A-276-CAC →



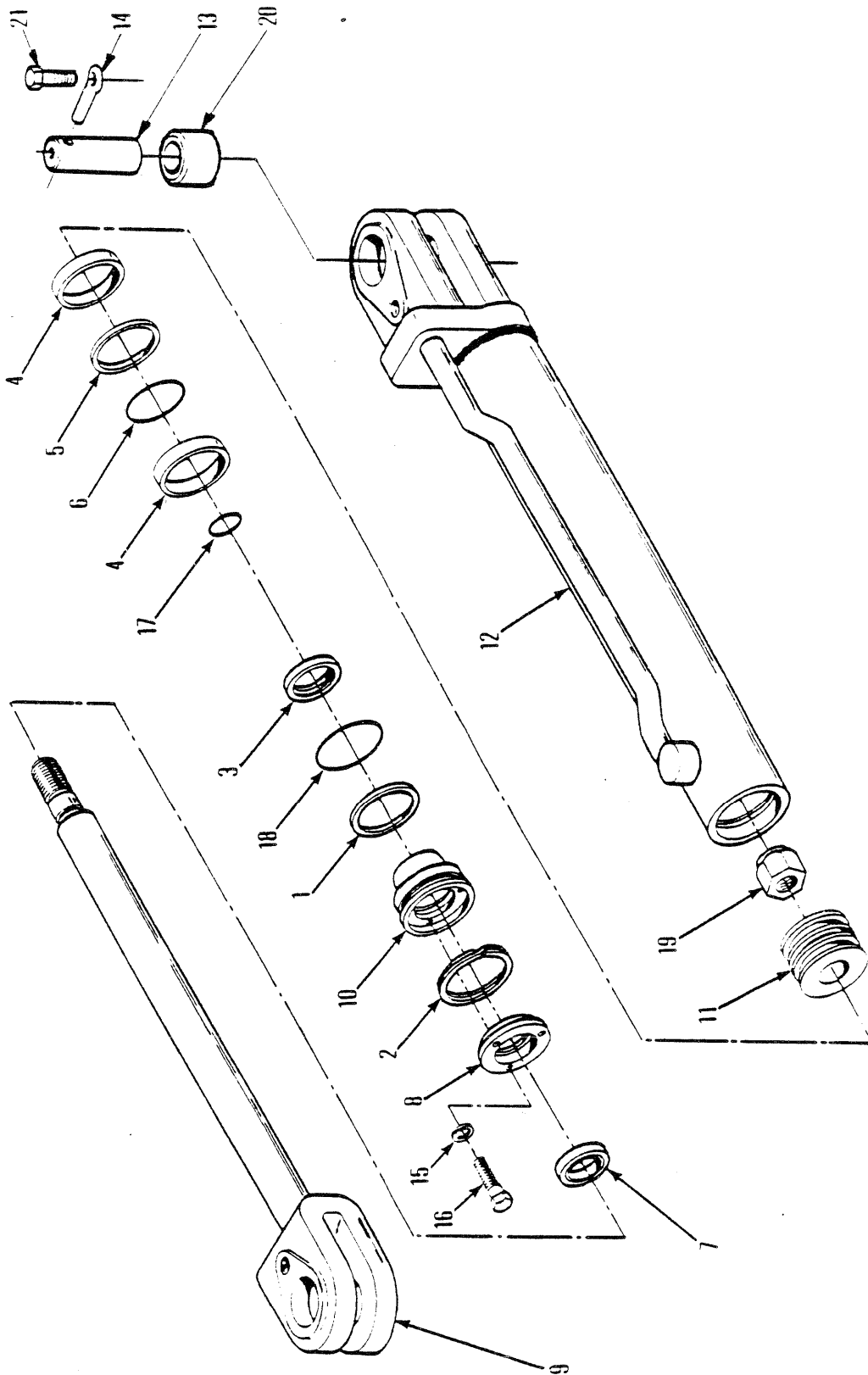
5654TP

ACCELERATOR & LINKAGE
ACCÉLÉRATEUR ET TRINGLERIE
BESCHLEUNIGUNGS-FUSSHEBEL UND GESTÄNGE
ACELERADOR E ARTICULAÇÃO
ACELERADOR & CONEXIÓN

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	399081	2	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
2	660148	1	Spring	ressort	Feder	mola	resorte
3	894831	1	Pin	goupille	Stift	pino	pasador
4	1901081	1	Spring	ressort	Feder	mola	resorte
5	1904946	1	Pedal	pédale	Pedal	pedal	pedal
6	1905109	1	Arm assembly	assemblage du bras	Armeinheit	conj do braço	estructura brazo
7	1905129	1	Clevis	étrier	Schkel	garfo	horquilla
8	1905134	1	Rod	tige	Stange	varão	varilla
9	1905247	1	Rod	tige	Stange	varão	varilla
10	2520346	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
11	1F0000310	3	Pin	goupille	Stift	pino	pasador
12	2J0005204	1	Clevis	étrier	Schkel	garfo	horquilla
13	4F0005062	3	Pin	goupille	Stift	pino	pasador
14	7D0000008	1	Nut	écrou	Mutter	porca	tuerca
15	8D0000005	2	Nut	écrou	Mutter	porca	tuerca
16	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
17	17C000524	1	Bolt	boulon	Bolzen	parafuso	bulón
18	17C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
19	17D000001	4	Nut	écrou	Mutter	porca	tuerca
20	17D000002	1	Nut	écrou	Mutter	porca	tuerca
21	18D000005	1	Nut	écrou	Mutter	porca	tuerca
22	1905097	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
23	1520193	1	Eng stop cable	cable arrêt moteur	Motorabstellkabel	fio parada motor	cable parada motor
24	1523209	1	Connector	raccord	Verbindungsstück	ligador	conector
25	1F0000208	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
26	2G0001008	1	Screw	vis	Schraube	parafuso	tornillo
27	1520190	1	Emgy stop cable	cable arrêt urgence	Notabstellkabel	cabo parada emergn	cable parada emergn
28	1523210	1	Connector	raccord	Verbindungsstück	ligador	conector
29	85G000806	1	Screw	vis	Schraube	parafuso	tornillo
30	531905	1	Plate	plaque	Platte	placa	placa

¹ GM

² CUM



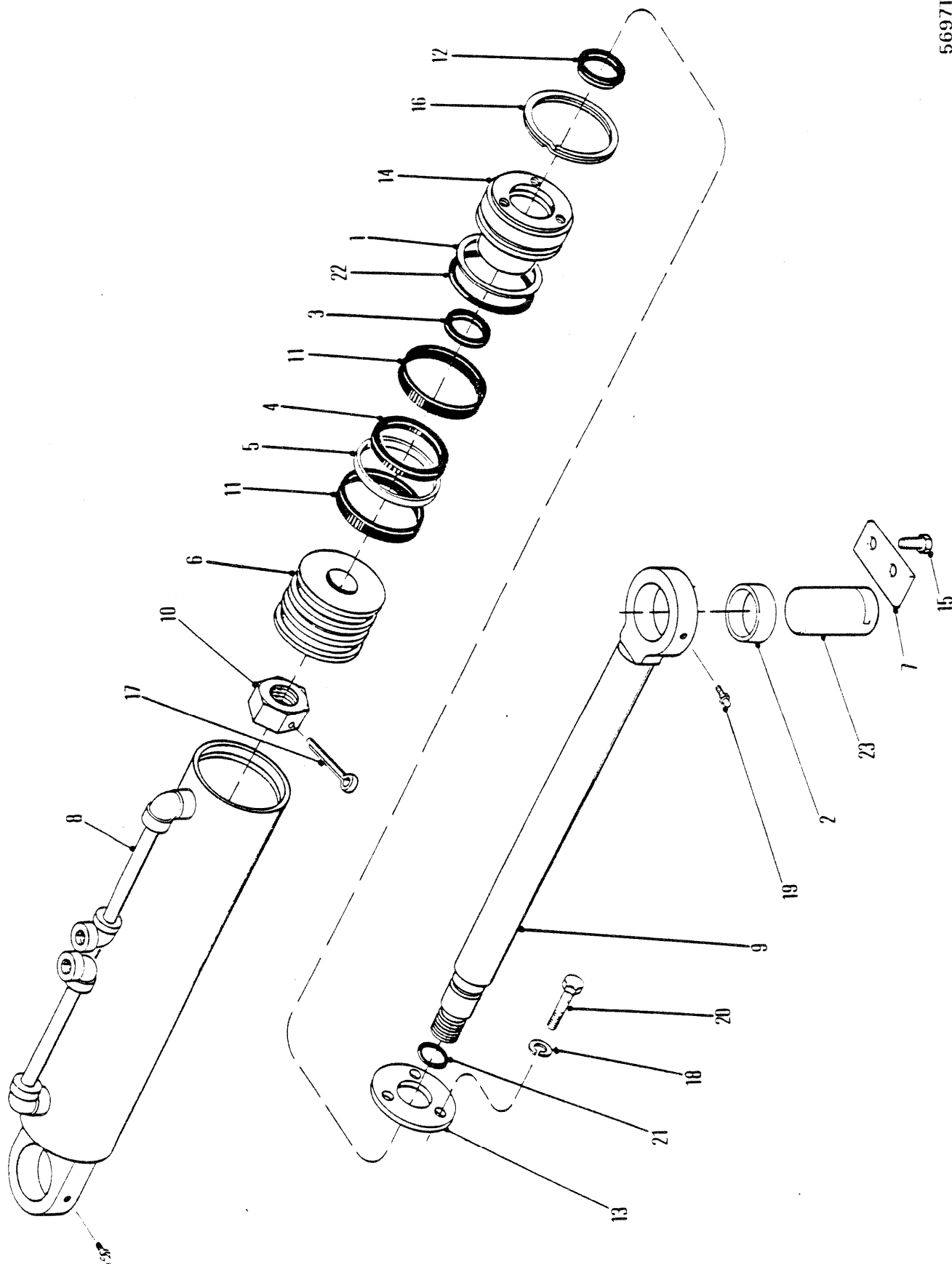
STEER & BLADE CYLINDER ASSEMBLY
ENSEMBLE CYLINDRE, DIRECTION ET LAME
ZYLINDEREINHEIT, STEUER & KLINGE
CONJUNTO DE CILINDRO, DIREÇÃO E LÂMINA
CONJUNTO DE CILINDRO DIRECCION Y CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1903548	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
B	² 1991085	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	743816	1	Ring	anneau	Ring	anel	anillo
2	784089	1	Ring	anneau	Ring	anel	anillo
3	1315740	1	Ring	anneau	Ring	anel	anillo
4	1503012	2	Ring	anneau	Ring	anel	anillo
5	2553206	1	Ring	anneau	Ring	anel	anillo
6	1503463	1	Ring	anneau	Ring	anel	anillo
7	1566194	1	Wiper	racleur	Wischer	limpador	limpiador
8	1903539	1	Ring	anneau	Ring	anel	anillo
9	1903542	1	Rod	tige	Stange	varão	varilla
10	³ 1928846	1	Cap	chapeau	Kappe	tampa	tapa
11	1903544	1	Piston	piston	Kolben	pistão	pistón
12	1903546	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
13	1903262	2	Pin	goupille	Stift	pino	pasador
14	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
15	4E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
17	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
18	25K040324	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	67D000020	1	Nut	écrou	Mutter	porca	tuerca
20	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc B & 1 → 21 Ref. RSG 286A

² Inc 2 → 7, 17 & 18

³ Ref RSG 286B



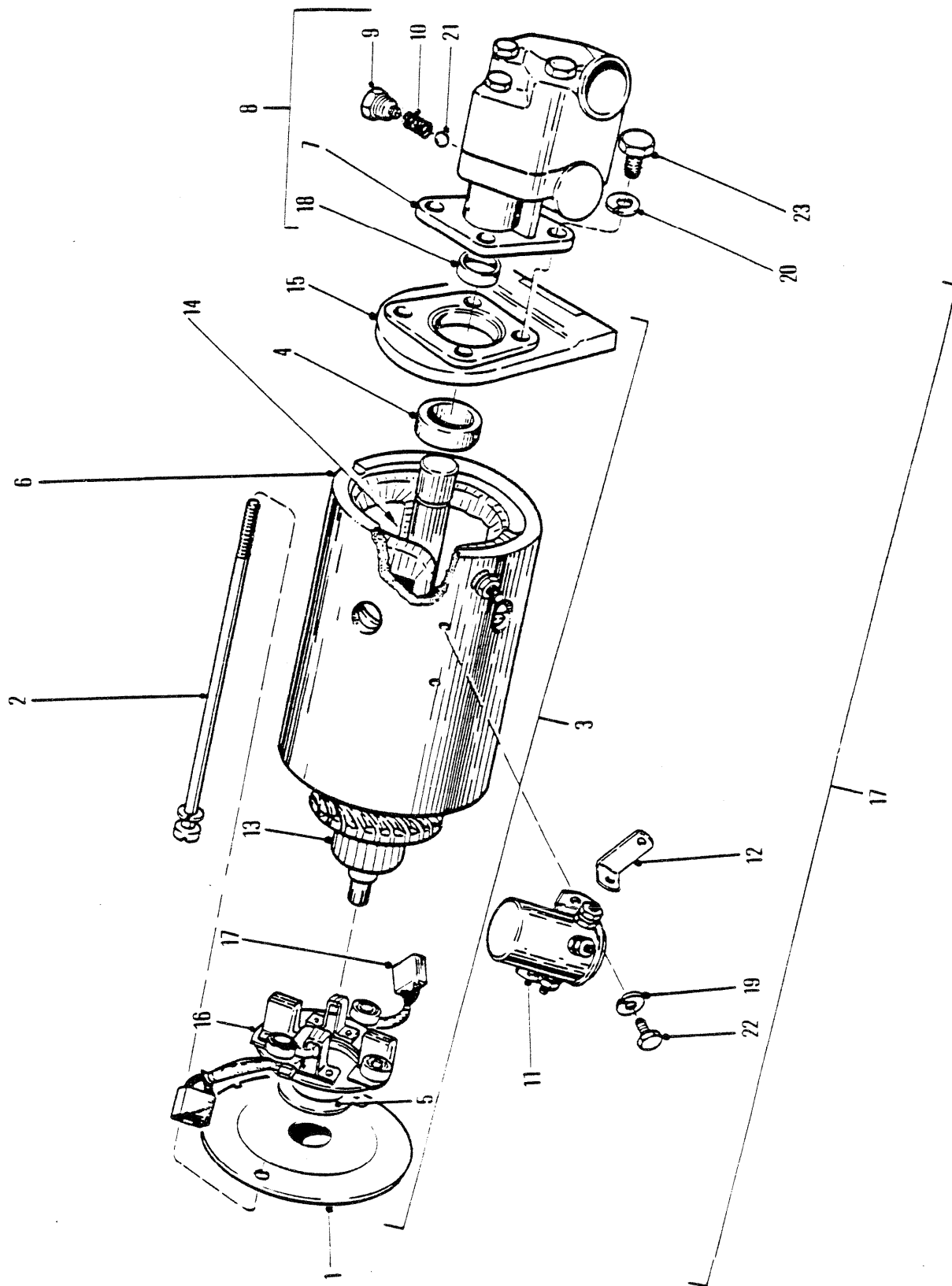
**CYLINDER ASSY TILT
ENS CYLIN À BASCULE
KIPPZYLINDER VOLLST
CON CILIN INCLINA
CON CILIN INCLINAC**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 2518802	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
B	² 2538177	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	562809	1	Ring	anneau	Ring	anel	anillo
2	713418	2	Bushing	chemise	Buchse	bucha	buje
3	2512995	1	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1503629	1	Ring	anneau	Ring	anel	anillo
5	2553205	1	Ring	anneau	Ring	anel	anillo
6	1503639	1	Piston	piston	Kolben	pistão	pistón
7	1532917	2	Lockplate	plaque darrêt	Schlossblech	chapa retentora	chapa seguridad
8	1508905	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
9	³ 1508911	1	Piston rod	tige piston	Kolbenstange	varão pistão	varilla pistón
10	1514638	1	Nut	écrou	Mutter	porca	tuerca
11	1530264	2	Ring	anneau	Ring	anel	anillo
12	1530266	1	Wiper ring	anneau de came	Wischerring	anillo limpador	anillo restregador
13	1530268	1	Retainer	arrêtoir	Halterung	retentor	retén
14	1530271	1	Cap	chapeau	Kappe	tampa	tapa
15	18C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
16	2506407	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
17	1F000640	1	Pin	goupille	Stift	pino	pasador
18	4E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	12H000015	2	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
20	17C000512	3	Bolt	boulon	Bolzen	parafuso	bulón
21	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
22	58K000236	1	O-ring	joint torique	O Ring	anel-O	anillo-O
23	1508556	2	Pin	goupille	Stift	pino	pasador

¹ Inc B & 1 → 23

² Inc 1, 2, 4, 5, 11, 12, 16, 21 & 22

³ Inc 21



PUMP & MOTOR ASSEMBLY ☒
ENSEMBLE DE POMPE ET DE MOTEUR ☒
PUMPEN UND MOTOREN-BAUGRUPPE ☒
CONJUNTO DE BOMBA E MOTOR ☒
CONJUNTO DE BOMBA Y MOTOR ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	886267	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
2	898224	2	Bolt assy	boulon ens	Bolzen vollst	parafuso conj	bulón conj
3	960373	1	Motor assy	ass de moteur	Motoreinheit	conj do motor	conj motor
4	990087	1	Bearing	palier	Lager	mancal	cojinete
5	992313	1	Washer	rondelle	Scheibe	arruela	arandela
6	8-----	-	Housing	botier	Gehuse	carcaça	carcasa
7	8-----	-	Housing	botier	Gehuse	carcaça	carcasa
8	3,5 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	1990977	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	4 1990982	1	Brush	balai	Bürste	escova	escobilla
17	1990983	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
18	3486395	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

¹ Inc 1, 2, 3, 5, 7, 13, 14, 15, 16 & 17

² Inc bushing

² Comprend chemise

² Einschl. Buchse

² Incl. bucha

² inc. buje

³ Inc 6, 9, 10, 18, 20, 21 & 23

⁴ Inc 17

⁵ For pump & motor assy - order 1915351

⁵ Pour ens de pompe et de moteur - commander 1915351

⁵ Für Pumpen und Motoren Baugruppe - bestelle 1915351

⁵ Para conj de bomba et motor - encomendar 1915351

⁵ Para conj de bomba y motor - ordenar 1915351

⁶ See 8

⁶ Voir 8

⁶ Siehe 8

⁶ Veja 8

⁶ Véase 8

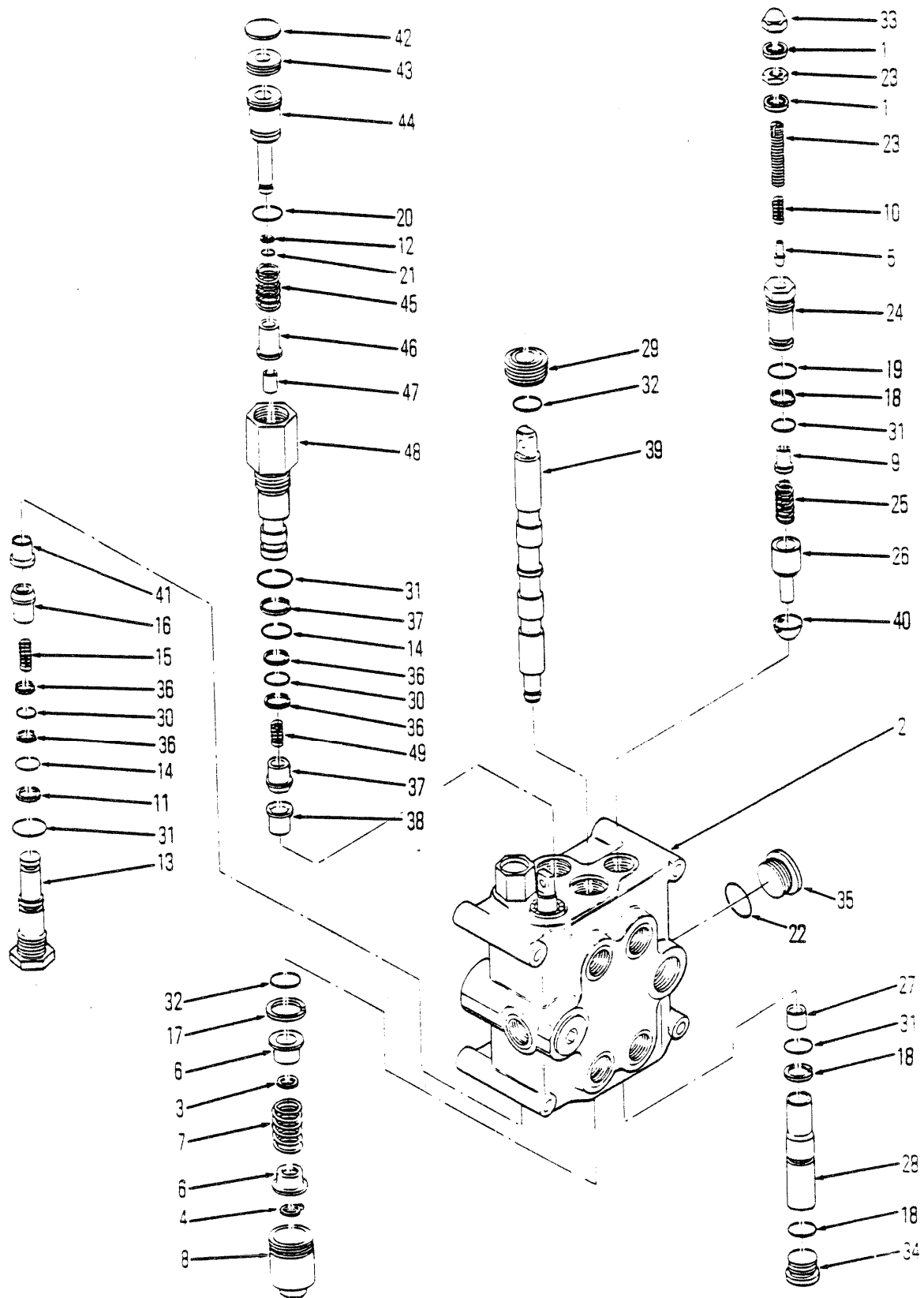
⁷ See 3

⁷ Voir 3

⁷ Siehe 3

⁷ Veja 3

⁷ Véase 3



5714TP

CONTROL VALVE SOUPAPE DE CONTRÔLE STEUERVENTILVÁLVULA DE CONTROLE VÁLVULA DE CONTROLE VÁLVULA DE CONTROL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11905826	1	Valve	soupape	Ventil	válvula	válvula
B	21990451	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
C	61990447	3	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
D	31990448	3	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	730396	2	Seal	joint étanchéité	Dichtung	vedador	sello
2	8S-----	-	Valve	soupape	Ventil	válvula	válvula
3	878233	2	Washer	rondelle	Scheibe	arruela	arandela
4	878235	2	Ring	anneau	Ring	anel	anillo
5	883734	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
6	943917	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	943918	2	Spring	ressort	Feder	mola	resorte
8	943919	2	Cap	chapeau	Kappe	tampa	tapa
9	944469	1	Seat	sige	Sitz	assento	asiento
10	944471	1	Spring	ressort	Feder	mola	resorte
11	73K000115	4	O-ring	joint torique	O Ring	anel-O	anillo-O
12	1990269	3	Ring	anneau	Ring	anel	anillo
13	1990439	1	Cap	chapeau	Kappe	tampa	tapa
14	1990441	4	Ring	anneau	Ring	anel	anillo
15	1990443	1	Spring	ressort	Feder	mola	resorte
16	1990444	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
17	1990446	2	Ring	anneau	Ring	anel	anillo
18	73K000117	2	Ring	anneau	Ring	anel	anillo
19	91F000009	2	O-ring	joint torique	O Ring	anel-O	anillo-O
20	1990449	3	O-ring	joint torique	O Ring	anel-O	anillo-O
21	25K020003	3	O-ring	joint torique	O Ring	anel-O	anillo-O
22	91F000010	3	O-ring	joint torique	O Ring	anel-O	anillo-O
23	1990452	2	Screw	vis	Schraube	parafuso	tornillo
24	1990453	1	Cap	chapeau	Kappe	tampa	tapa
25	1990455	1	Spring	ressort	Feder	mola	resorte
26	1990456	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
27	1990457	1	Seat	sige	Sitz	assento	asiento
28	1990458	1	Seat	sige	Sitz	assento	asiento
29	1990459	2	Retainer	arrêtoir	Halterung	retentor	retén
30	25K030020	4	O-ring	joint torique	O Ring	anel-O	anillo-O
31	25K030026	6	O-ring	joint torique	O Ring	anel-O	anillo-O
32	25K030100	4	O-ring	joint torique	O Ring	anel-O	anillo-O
33	47D000005	1	Nut	écrou	Mutter	porca	tuerca
34	47K000009	1	Plug	bouchon	Stopfen	bujão	tapón
35	47K000010	3	Plug	bouchon	Stopfen	bujão	tapón
36	73K000114	8	Ring	anneau	Ring	anel	anillo
37	8S-----	-	Poppet	clapet	Ventilkegel	gatilho	clapeta
38	1990265	1	Seat	sige	Sitz	assento	asiento
39	8S-----	-	Spool	tiroir	Spule	carretel	carrete
40	8S-----	-	Screen	crible	Sieb	tela	tamiz

1 Inc B,C,D & 1 → 49

2 Inc 1,2,5,9,10,23 → 28,31,33,34,38,39&40

3 Inc 11,12,14,20,21,30,36

4 Inc 32

5 Inc 53

6 1800 PSI 126.6 Kg Cm², Inc. 11,& 41 → 50

7 See 18

7 Voir 18

7 Siehe 18

7 Veja 18

7 Véase 18

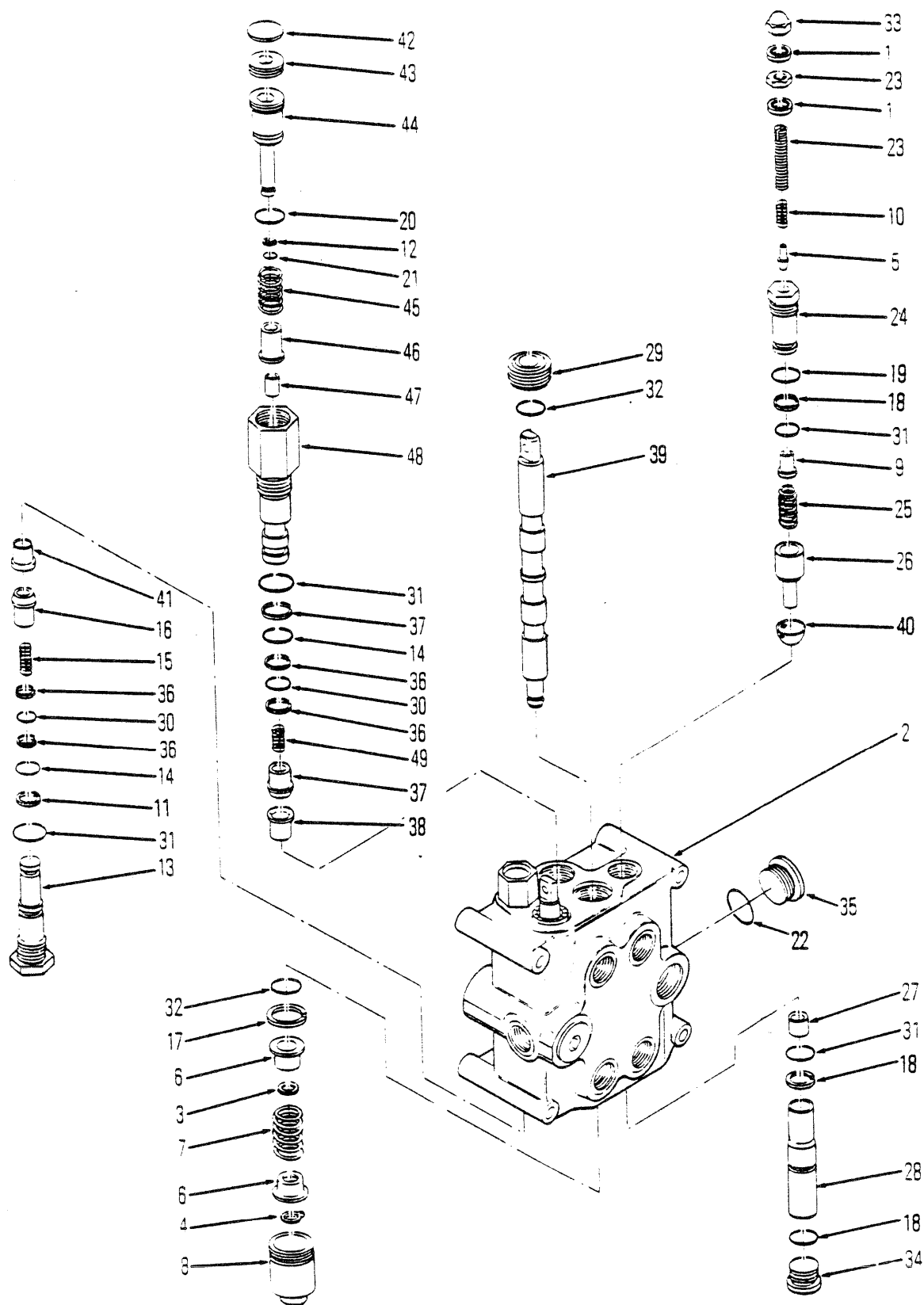
8 See A

8 Voir A

8 Siehe A

8 Veja A

8 Véase A



5714TP

CONTROL VALVE
SOUPAPE DE CONTRÔLE
STEUERVENTILVÁLVULA DE CONTROLE
VÁLVULA DE CONTROLE
VÁLVULA DE CONTROL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	78-----	-	Seat	sige	Sitz	assento	asiento
42	78-----	-	Plug	bouchon	Stopfen	bujão	tapón
43	78-----	-	Nut	écrou	Mutter	porca	tuerca
44	78-----	-	Spring guide	gude du ressort	Federführung	guia da mola	guía del resorte
45	78-----	-	Spring	ressort	Feder	mola	resorte
46	78-----	-	Plunger	plongeur	Druckstange	embolo	émbolo buzo
47	78-----	-	Seal	joint étanchéité	Dichtung	vedador	sello
48	78-----	-	Cap	chapeau	Kappe	tampa	tapa
49	78-----	-	Spring	ressort	Feder	mola	resorte

¹ Inc B,C,D & 1 → 49

² Inc 1,2,5,9,10,23 → 28,31,33,34,38,39&40

³ Inc 11,12,14,20,21,30,36

⁴ Inc 32

⁵ Inc 53

⁶ 1800 PSI 126.6 Kg Cm², Inc. 11, & 41 → 50

⁷ See 18

⁷ Voir 18

⁷ Siehe 18

⁷ Veja 18

⁷ Véase 18

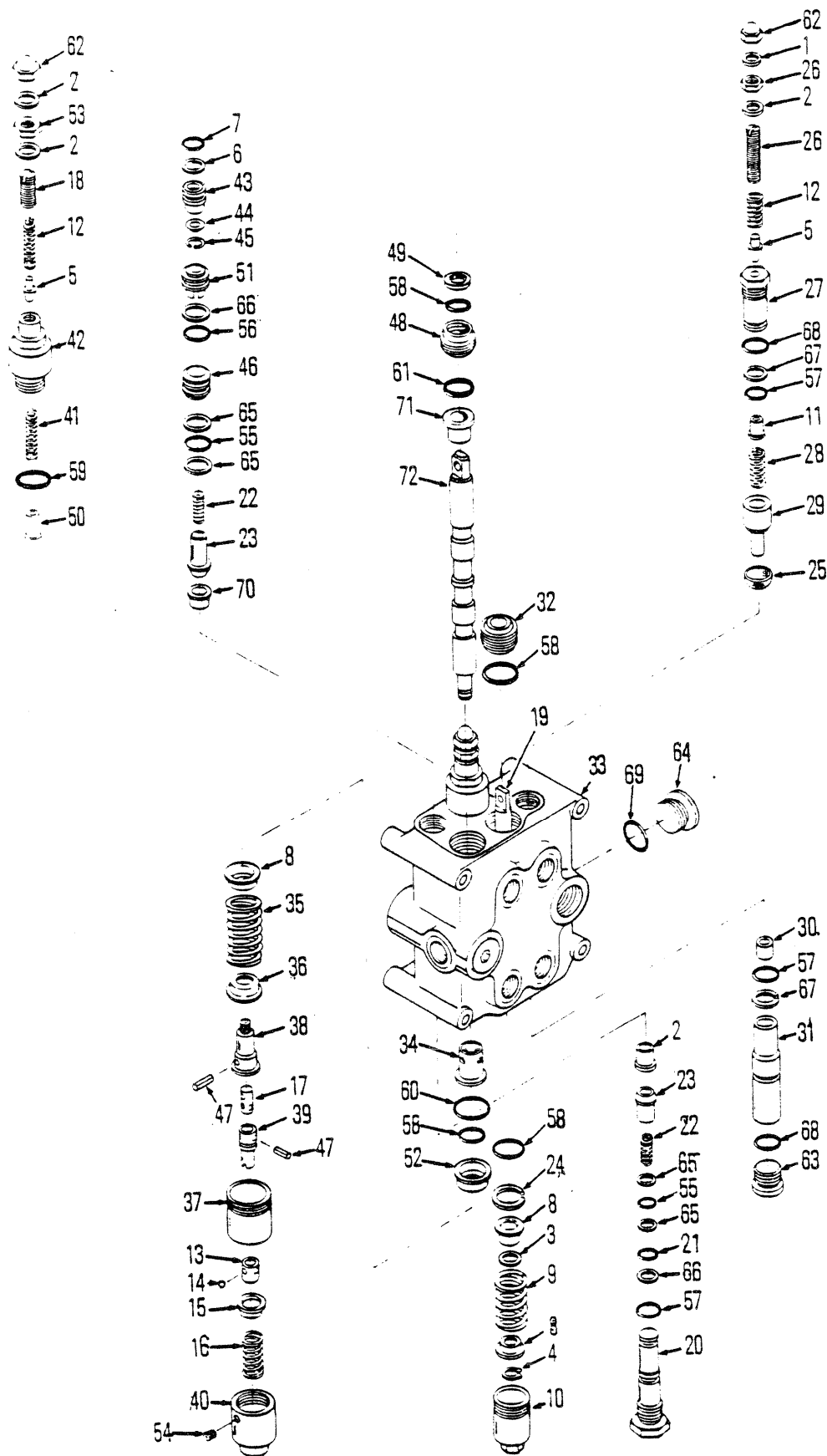
⁸ See A

⁸ Voir A

⁸ Siehe A

⁸ Veja A

⁸ Véase A



5716TP

CONTROL VALVE-TILT BLADE
SOUPAPE DE CONTRÔLE-LAME À BASCULE
STEUERVENTIL-KIPPSCHNEIDE
VÁLVULA DE CONTROLE-INCLINAÇÃO DA LÂMINA
VÁLVULA DE CONTROL-INCLINACIÓN DE LA CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1908482	1	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
B	1990451	1	Relief valve	soupape decharge	Überdr Ventil	valvula descarga	valvula alivio
C	1990577	1	Relief valve	soupape decharge	Überdr Ventil	valvula descarga	valvula alivio
1	730396	7	Seal	joint étanchéité	Dichtung	vedador	sello
2	§-----	-	Seat	sige	Sitz	assento	asiento
3	878233	2	Washer	rondelle	Scheibe	arruela	arandela
4	878235	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
5	883734	4	Poppet	clapet	Ventilkegel	gatilho	clapeta
6	899038	3	Ring	anneau	Ring	anel	anillo
7	899039	3	O-ring	joint torique	O Ring	anel-O	anillo-O
8	943917	5	Spacer	entretoise	Distanzteil	espaçador	espaciador
9	943918	2	Spring	ressort	Feder	mola	resorte
10	943919	2	Cap	chapeau	Kappe	tampa	tapa
11	944469	1	Seat	sige	Sitz	assento	asiento
12	944471	4	Spring	ressort	Feder	mola	resorte
13	946709	3	Ball	bille	Kugel	esfera	bola
14	946710	3	Ball	bille	Kugel	esfera	bola
15	946711	3	Detent cam	came de détende	Arretiernocke	camo de detenção	leva del retén
16	946712	3	Spring	ressort	Feder	mola	resorte
17	946923	1	Link	articulation	Gelenk	articulação	articulación
18	990108	3	Screw	vis	Schraube	parafuso	tornillo
19	§-----	-	Spool	tiroir	Spule	carretel	carrete
20	1990439	1	Cap	chapeau	Kappe	tampa	tapa
21	1990441	1	O-ring	joint torique	O Ring	anel-O	anillo-O
22	1990443	4	Spring	ressort	Feder	mola	resorte
23	1990444	4	Poppet	clapet	Ventilkegel	gatilho	clapeta
24	1990446	2	Ring	anneau	Ring	anel	anillo
25	§-----	-	Screen	crible	Sieb	tela	tamiz
26	1990452	2	Screw	vis	Schraube	parafuso	tornillo
27	1990453	1	Cap	chapeau	Kappe	tampa	tapa
28	1990455	1	Spring	ressort	Feder	mola	resorte
29	1990456	1	Plunger	plongeur	Druckstange	embolo	ébolo buzo
30	1990457	1	Seat	sige	Sitz	assento	asiento
31	1990458	1	Seat	sige	Sitz	assento	asiento
32	1990459	1	Retainer	arrêtoir	Halierung	retentor	retén
33	§-----	-	Valve	soupape	Ventil	válvula	válvula
34	1990580	1	Restrictor	limiteur	Beschränker	restrictor	limitador
35	1990581	1	Spring	ressort	Feder	mola	resorte
36	1990582	1	Spring	ressort	Feder	mola	resorte
37	1990583	3	Cap	chapeau	Kappe	tampa	tapa
38	1990584	1	Spool end	extrême de la bobine	Spulende	terminal do carr	term carretel
39	1990585	1	Detent	pice crantée	Arretierung	detentor	detén
40	1990586	3	Cap	chapeau	Kappe	tampa	tapa
41	1990587	3	Spring	ressort	Feder	mola	resorte
42	1990589	3	Cap	chapeau	Kappe	tampa	tapa
43	1990590	3	Poppet	clapet	Ventilkegel	gatilho	clapeta
44	1990591	3	Screen	crible	Sieb	tela	tamiz
45	1990592	3	Snap ring	circlips	Sperring	anel de trava	anillo de retención

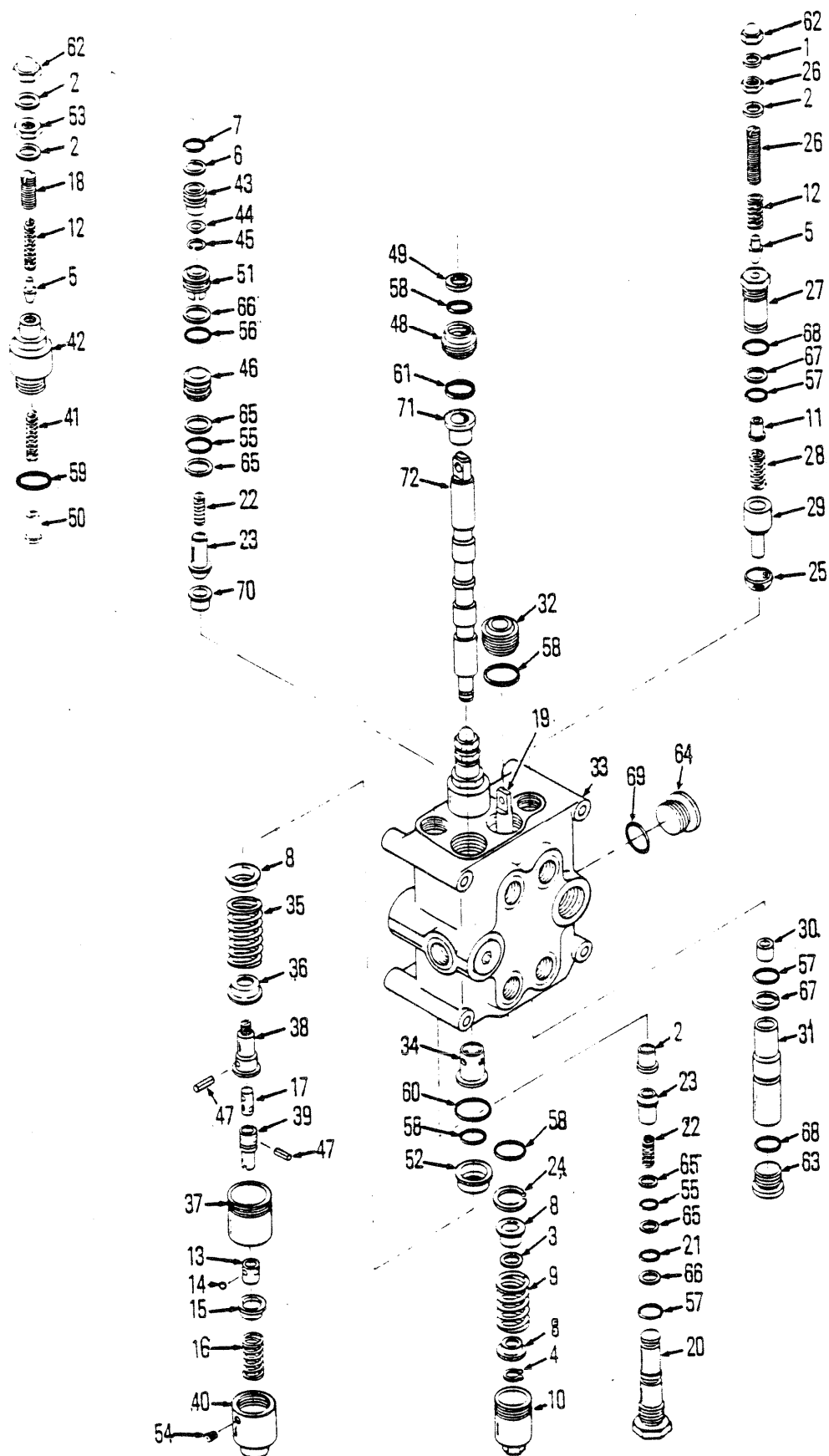
¹ Inc B,C & 1 → 72

² Inc 1, 2, 5, 11, 12, 26 → 31, 57, 62, 63, 67, 68 & 72

³ Inc 1, 5 → 7, 12, 18, 22, 23, 41 → 46, 51, 53, 55, 56, 59, 62, 65, 66 & 70

⁴ Inc 72

⁵ 1800 PSI 126.6 Kg Cm²



5716TP

CONTROL VALVE-TILT BLADE
SOUPAPE DE CONTRÔLE-LAME À BASCULE
STEUERVENTIL-KIPPSCHNEIDE
VÁLVULA DE CONTROLE-INCLINAÇÃO DA LÂMINA
VÁLVULA DE CONTROL-INCLINACIÓN DE LA CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	1990593	3	Sleeve	manchon	Muffe	luva	manguito
47	1990597	2	Pin	goupille	Stift	pino	pasador
48	1990598	1	Retainer	arrêtoir	Halterung	retentor	retén
49	1990599	1	Wiper	racleur	Wischer	limpador	limpiador
50	1990600	3	Seal	joint étancheité	Dichtung	vedador	sello
51	1990601	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
52	1990607	1	Retainer	arrêtoir	Halterung	retentor	retén
53	8D000005	3	Nut	écrou	Mutter	porca	tuerca
54	16G000408	3	Screw	vis	Schraube	parafuso	tornillo
55	25K030020	4	O-ring	joint torique	O Ring	anel-O	anillo-O
56	25K030022	3	O-ring	joint torique	O Ring	anel-O	anillo-O
57	25K030026	3	O-ring	joint torique	O Ring	anel-O	anillo-O
58	25K030100	5	O-ring	joint torique	O Ring	anel-O	anillo-O
59	25K030104	3	O-ring	joint torique	O Ring	anel-O	anillo-O
60	25K030112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
61	25K030114	1	O-ring	joint torique	O Ring	anel-O	anillo-O
62	47D000005	4	Nut	écrou	Mutter	porca	tuerca
63	47K000009	1	Plug	bouchon	Stopfen	bujão	tapón
64	47K000011	2	Plug	bouchon	Stopfen	bujão	tapón
65	73K000114	8	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
66	73K000115	4	O-ring	joint torique	O Ring	anel-O	anillo-O
67	73K000117	2	Ring	anneau	Ring	anel	anillo
68	91F000009	2	O-ring	joint torique	O Ring	anel-O	anillo-O
69	91F000011	2	O-ring	joint torique	O Ring	anel-O	anillo-O
70	S-----	-	Seat	sige	Sitz	assento	asiento
71	S-----	-	Sleeve	manchon	Muffe	luva	manguito
72	S-----	-	Spool	tiroir	Spule	carretel	carrete

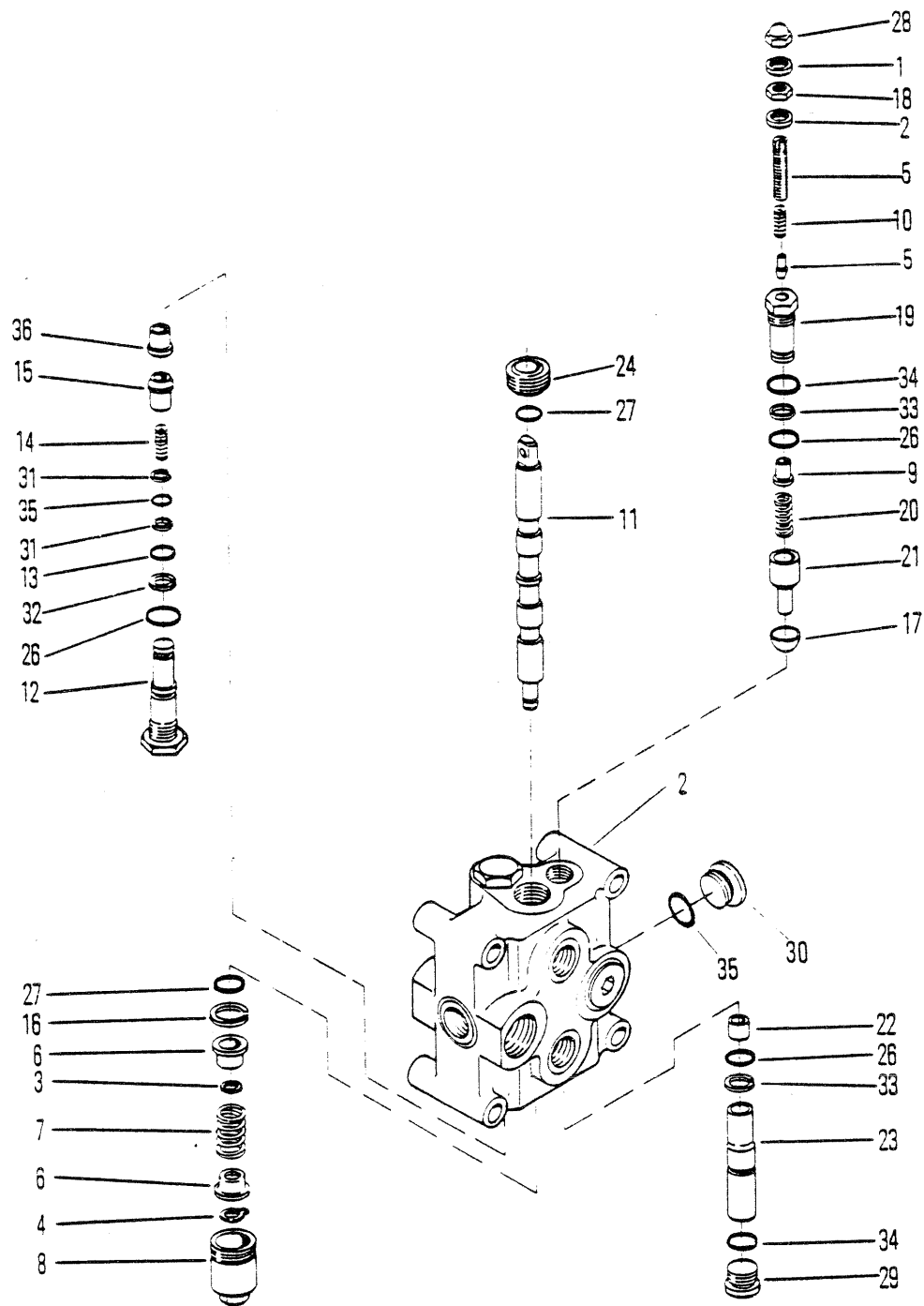
¹ Inc B,C & 1→72

² Inc 1, 2, 5, 11, 12, 26→31, 57, 62, 63, 67, 68 & 72

³ Inc 1, 5→7, 12, 18, 22, 23, 41→46, 51, 53, 55, 56, 59, 62, 65, 66 & 70

⁴ Inc 72

⁵ 1800 PSI 126.6 Kg Cm²



5726TP

VALVE ASSEMBLY-BLADE ✕
ENSEMBLE DE SOUPAPE-LAME ✕
VENTILGRUPPE-SCHNEIDE ✕
CONJUNTO DE VÁLVULA-LÂMINA ✕
CONJUNTO DE VÁLVULA-CUCHILLA ✕

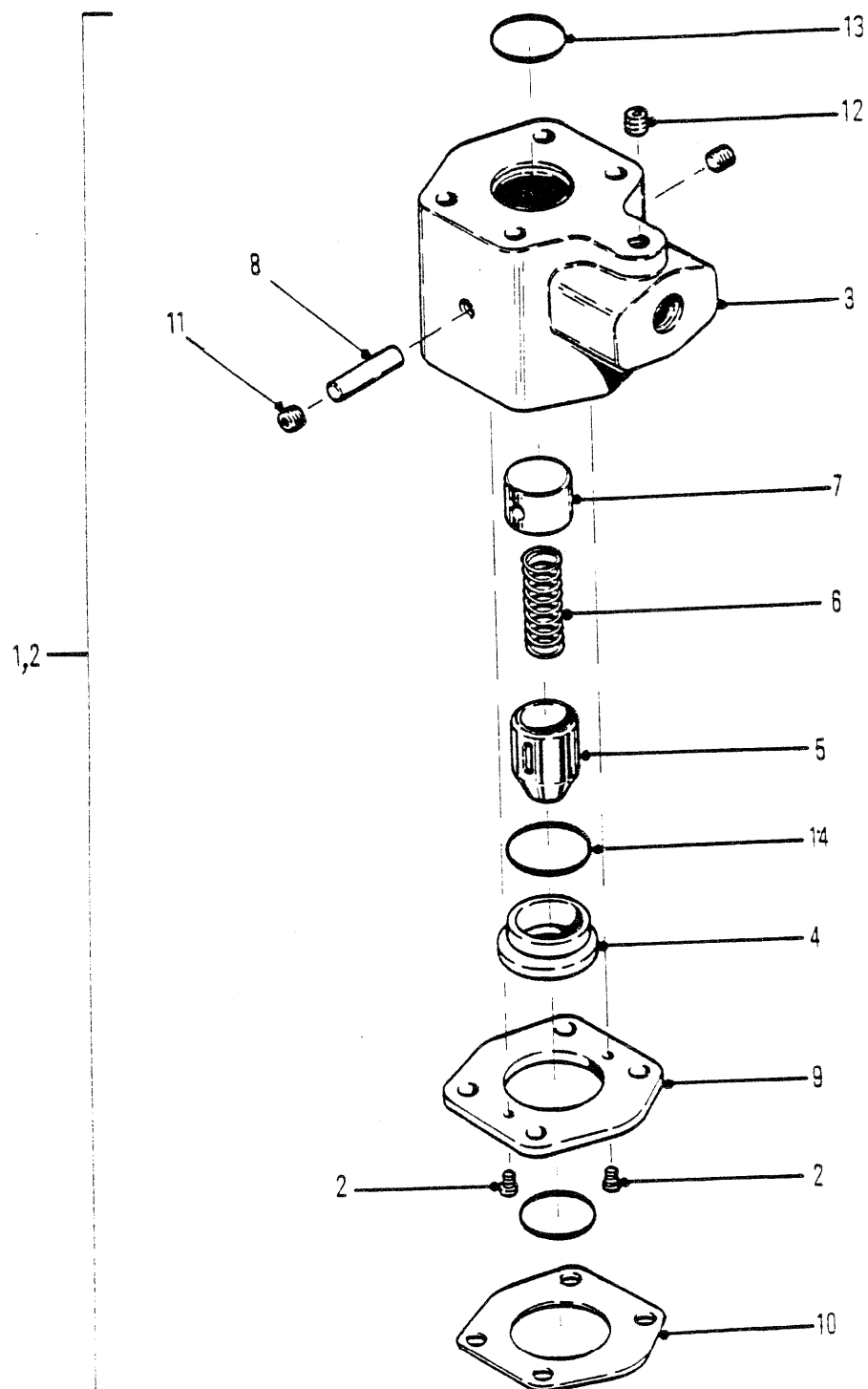
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1906317	1	Control valve	soupape de contrôle	Steurventil	válv de contr	válv de control
B	1990451	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
1	730396	2	Seal	joint étanchéité	Dichtung	vedador	sello
2	§-----	-	Housing	botier	Gehuse	carcaça	carcasa
3	878233	2	Washer	rondelle	Scheibe	arruela	arandela
4	878235	2	Ring	anneau	Ring	anel	anillo
5	883734	2	Poppet	clapet	Ventilkegel	gatilho	clapeta
6	943917	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	943918	2	Spring	ressort	Feder	mola	resorte
8	943919	2	Cap	chapeau	Kappe	tampa	tapa
9	944469	1	Seat	sige	Sitz	assento	asiento
10	944471	1	Spring	ressort	Feder	mola	resorte
11	§-----	-	Spool	tiroir	Spule	carretel	carrete
12	1990439	1	Cap	chapeau	Kappe	tampa	tapa
13	1990441	1	O-ring	joint torique	O Ring	anel-O	anillo-O
14	1990443	1	Spring	ressort	Feder	mola	resorte
15	1990444	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
16	1990446	2	Ring	anneau	Ring	anel	anillo
17	§-----	-	Screen	crible	Sieb	tela	tamiz
18	1990452	1	Nut	écrou	Mutter	porca	tuerca
19	1990453	1	Cap	chapeau	Kappe	tampa	tapa
20	1990455	1	Spring	ressort	Feder	mola	resorte
21	1990456	1	Plunger	plongeur	Druckstange	embolo	ébolo buzo
22	1990457	1	Seat	sige	Sitz	assento	asiento
23	1990458	1	Seat	sige	Sitz	assento	asiento
24	1990459	2	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
25	25K030020	1	O-ring	joint torique	O Ring	anel-O	anillo-O
26	25K030026	3	O-ring	joint torique	O Ring	anel-O	anillo-O
27	25K030100	4	O-ring	joint torique	O Ring	anel-O	anillo-O
28	47D000005	1	Nut	écrou	Mutter	porca	tuerca
29	47K000009	1	Plug	bouchon	Stopfen	bujão	tapón
30	47K000010	2	Plug	bouchon	Stopfen	bujão	tapón
31	73K000114	2	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
32	73K000115	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
33	73K000117	2	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
34	91F000009	2	O-ring	joint torique	O Ring	anel-O	anillo-O
35	91F000010	2	O-ring	joint torique	O Ring	anel-O	anillo-O
36	§-----	-	Seat	sige	Sitz	assento	asiento

¹ Inc B & 1 → 36

² Inc 1, 2, 5, 9, 10, 17 → 23, 26, 28, 29, 33 & 34

³ Inc 27

⁴ Inc 17

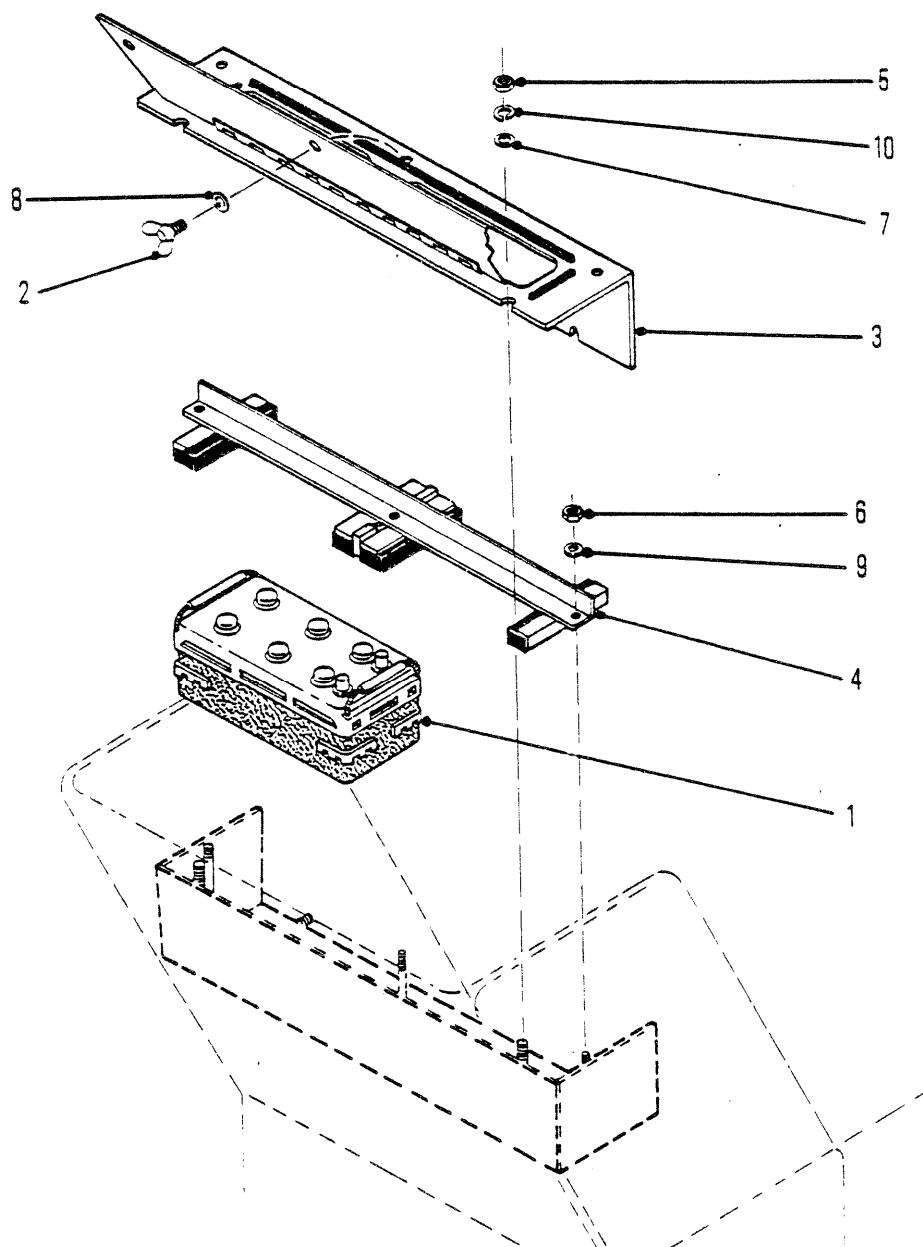


5760TP

CHECK VALVE ASSY
ENSEMBLE SOUPAPE DE SURETÉ
RÜCKSCHLAGVENTIL VOLLST
CONJUNTO VÁLVULA DE ESBARRO
CONJUNTO VÁLVULA RETENCIÓN

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1915388	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
2	85G000106	2	Bolt	boulon	Bolzen	parafuso	bulón
3	1990967	1	Housing	botier	Gehuse	carcaça	carcasa
4	1990968	1	Seat	sige	Sitz	assento	asiento
5	1990969	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
6	1990970	1	Spring	ressort	Feder	mola	resorte
7	1990971	1	Cup	cuvette	Schale	capa	cubeta
8	1990972	1	Pin	goupille	Stift	pino	pasador
9	1990973	1	Plate	plaque	Platte	placa	placa
10	6190354	1	Plate	plaque	Platte	placa	placa
11	16F000002	2	Plug	bouchon	Stopfen	bujão	tapón
12	16F000004	1	Plug	bouchon	Stopfen	bujão	tapón
13	25K040116	2	O-ring	joint torique	O Ring	anel-O	anillo-O
14	25K040124	1	O-ring	joint torique	O Ring	anel-O	anillo-O

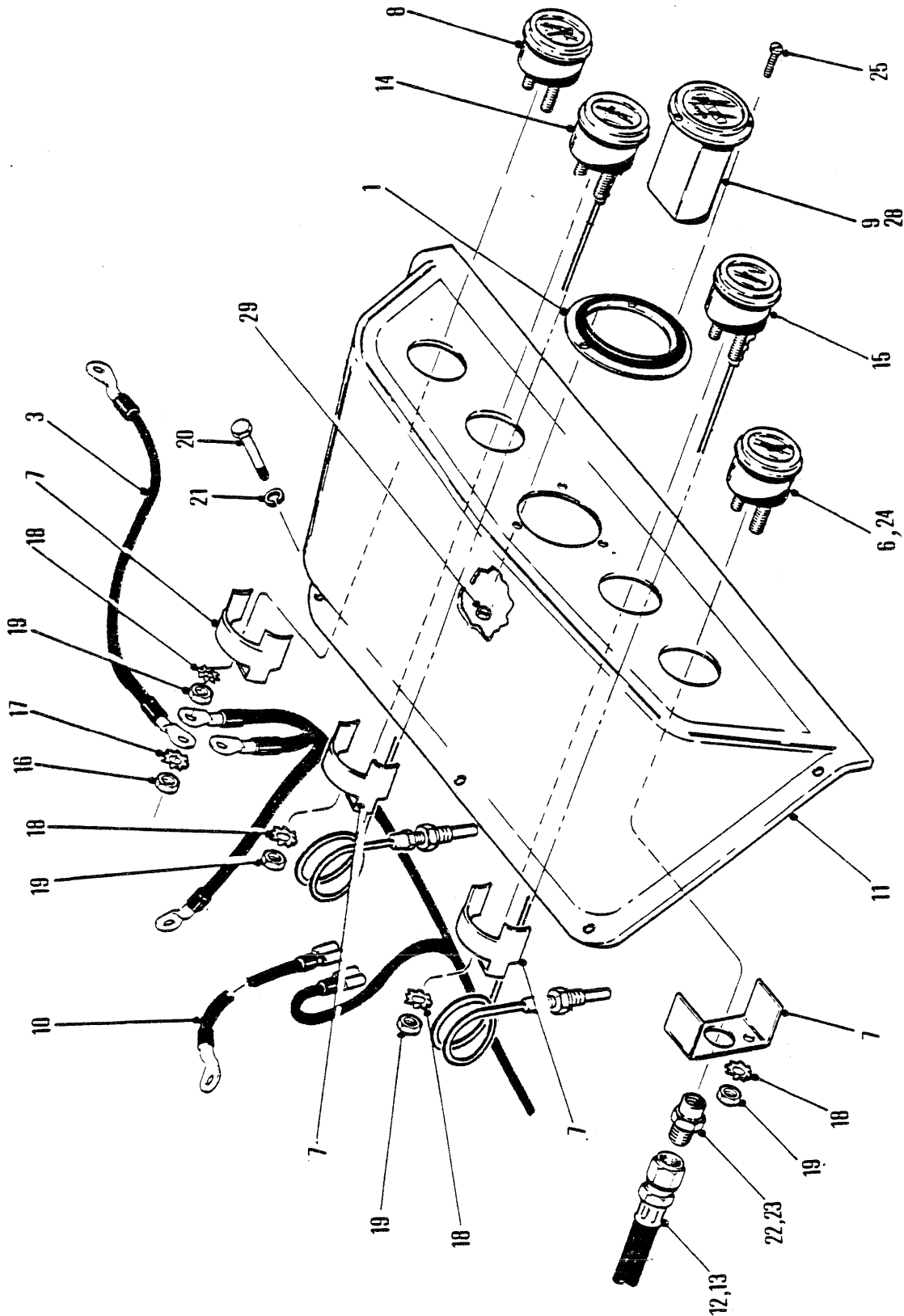
1 Inc 2 → 14



5751TP

**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	1801148	2	Battery	batterie	Batterie	bateria	bateria
2	1903932	3	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
3	1906768	1	Battery cover	couvercle batterie	Batteriedeckel	capa da bateria	cubierta bateria
4	1914972	1	Hold down assy	ass dinstallation	Halteeinheit	conj restritor	conj restringir
5	16D000006	4	Nut	écrou	Mutter	porca	tuerca
6	17D000003	3	Nut	écrou	Mutter	porca	tuerca
7	24E000008	4	Washer	rondelle	Scheibe	arruela	arandela
8	25E000015	3	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
9	25E000017	3	Washer	rondelle	Scheibe	arruela	arandela
10	25E000021	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad



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

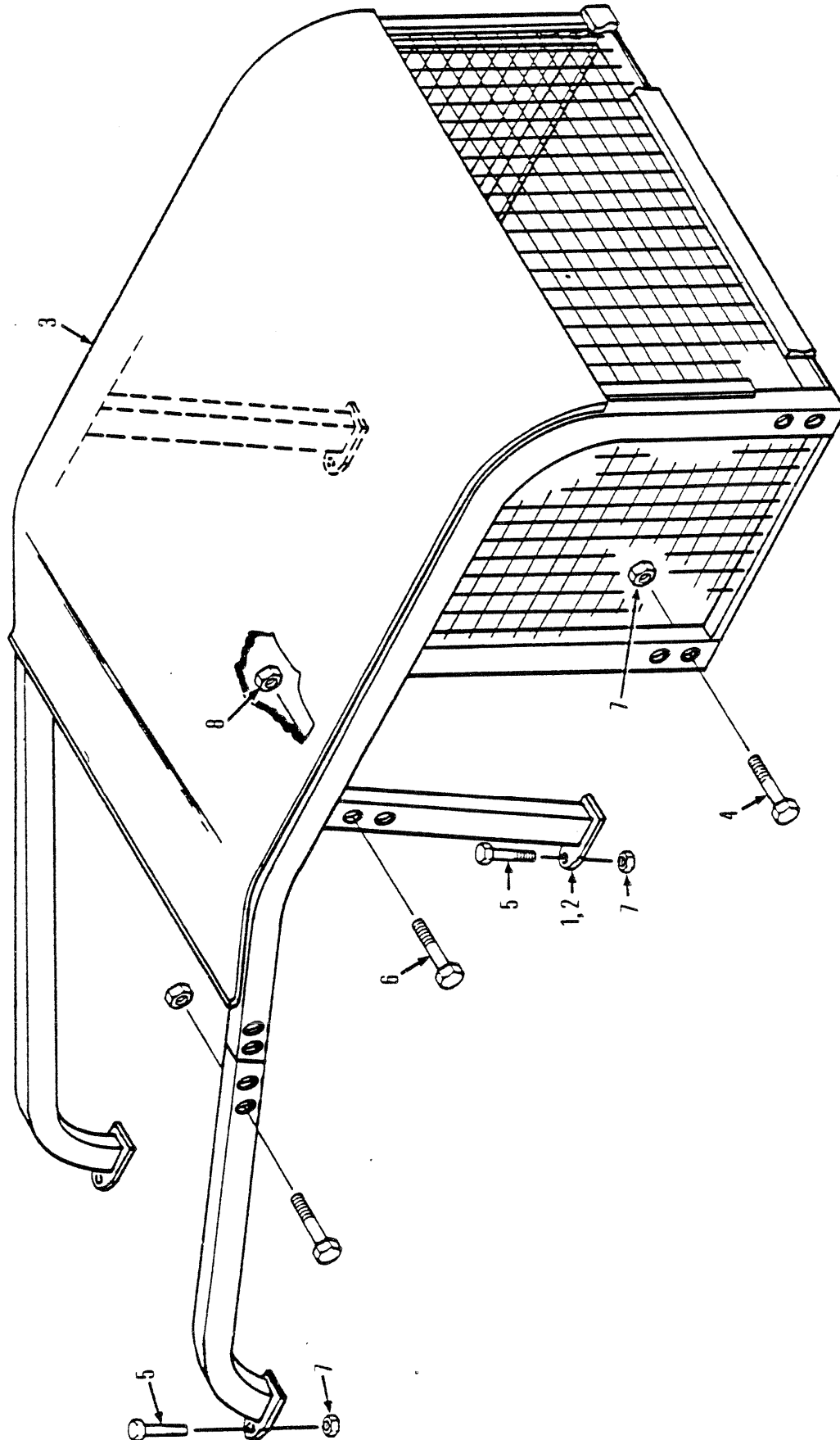
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	2524789	1	Damper vibration	amortisseur vibr	Schwingungsdampter	amortecedor vibr	amortiguador vibr
2	†653976	1	Wire	fil	Draht	fio	cable
3	695993	1	Wire	fil	Draht	fio	cable
4 ^{1,2}	†1504091	1	Tachometer	compte-tours	Tourenzähler	tacômetro	tacómetro
5	3†1936896	1	Tachometer	compte-tours	Tourenzähler	tacômetro	tacómetro
6	1531399	1	Gauge pressure	manomètre	Druckanzeige	cal da pressão	indicad presión
7	1534136	4	Bracket	support	Winkel	grampo	grampa
8	1798568	1	Gauge ammeter	jauge de lampmre	Ampremeter	cal do amperímetro	amperímetro
9	†1811377	1	Hourmeter kit	jeu compteur horaire	Stundenzählersatz	jogo horímetro	juego cuentahoras
10	1900460	1	Wire	fil	Draht	fio	cable
11	1902847	1	Panel	panneau	Tafel	painel	panel
12	2†1905532	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	3†1907166	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1908787	1	Gauge conv temp	jauge convertisseur	Tempmssr Drehmwndlr	termtro conversor	termtro convertidor
15	1908788	1	Gaug water temp	jauge de temp eau	Wassertemp anz	med temper água	med temp agua
16	12D000006	2	Nut	écrou	Mutter	porca	tuerca
17	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	12E000010	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	14D000010	6	Nut	écrou	Mutter	porca	tuerca
20	17C000412	5	Bolt	boulon	Boizen	parafuso	bulón
21	24E000004	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	39F000002	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
23	259F000002	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
24	79F000001	1	Pipe	tuyau	rohr	cano	cao
25	85G000608	3	Screw	vis	Schraube	parafuso	tornillo
26	2†1905195	1	Shaft	arbre	Welle	ávore	árbol
27	3†1907145	1	Shaft	arbre	Welle	ávore	árbol
28	2524589	1	Hourmeter	compteur dheures	Stundenzähler	horímetro	cuenta-horas
29	59D000006	3	Nut	écrou	Mutter	porca	tuerca

1 □ 505B-335 → 340-CAC

2 GM

3 CUM

4 Inc 1, 25, 28, & 29



CANOPY
DAIS
SCHUTZDACH
DOSSEL
DOSEL

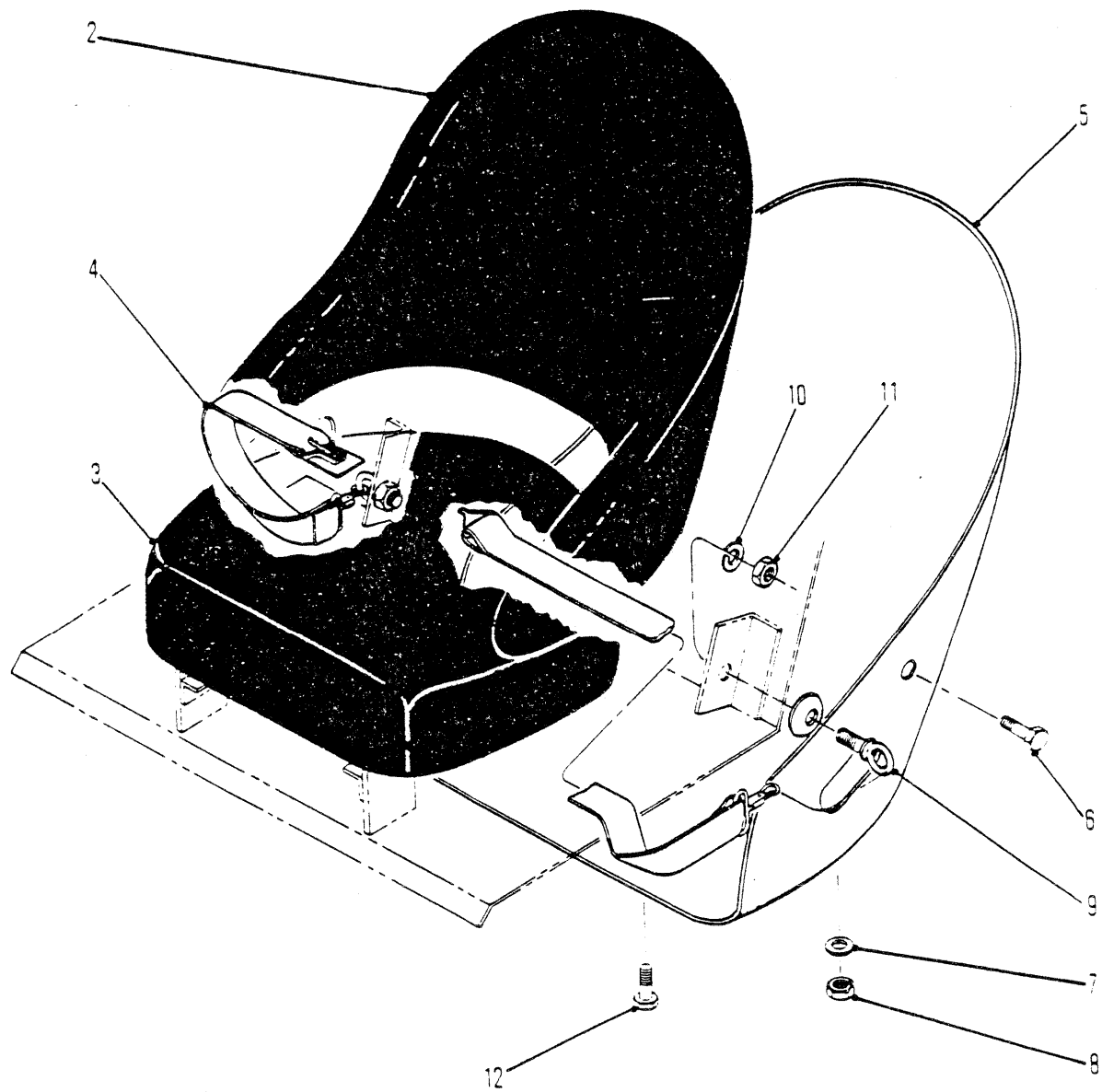
RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1906529	1	Support tube	tube de support	Stützrohr	suporte da tubo	tubo suporte
2	1906532	1	Support tube	tube de support	Stützrohr	suporte da tubo	tubo suporte
3	1914172	1	Canopy	dais	Schutzdach	dosel	dosel
4	17C001032	16	Bolt	boulon	Bolzen	parafuso	bulón
5	17C001048	20	Bolt	boulon	Bolzen	parafuso	bulón
6	17C001248	8	Bolt	boulon	Bolzen	parafuso	bulón
7	17D000009	12	Nut	écrou	Mutter	porca	tuerca
8	17D000010	16	Nut	écrou	Mutter	porca	tuerca

1 Ref RSG 125

668CUM
668GM

507B-101-CAC→507B-9999-CAC
505B-101-CAC→505B-9999-CAC



5829TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1572355	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
1	1920258	2	Angle	angle	Winkel	ângulo	angulo
2	944981	1	Cushion back	coussin dossier	Rückkissen	almofada espalda	cojin espaldar
3	944499	1	Cushion seat	coussin siege	Sitzkissen	almofada assento	cojin asiento
4	1917308	1	Seat belt assy	ens cour du sige	Sicherheitsgurt vollst	conj cinto de segurança	conj cint seguridad
5	944982	1	Bucket	godet	Schaufel	caçamba	cucharón
6	1C0000610	3	Bolt	boulon	Bolzen	parafuso	bulón
7	25E000015	4	Washer	rondelle	Scheibe	arruela	arandela
8	59D000005	4	Nut	écrou	Mutter	porca	tuerca
9	2522745	2	Bolt	boulon	Bolzen	parafuso	bulón
10	2522744	2	Washer	rondelle	Scheibe	arruela	arandela
11	60D000007	2	Nut	écrou	Mutter	porca	tuerca
12	1C0000610	1	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 2, 3, 5, 6 & 12.

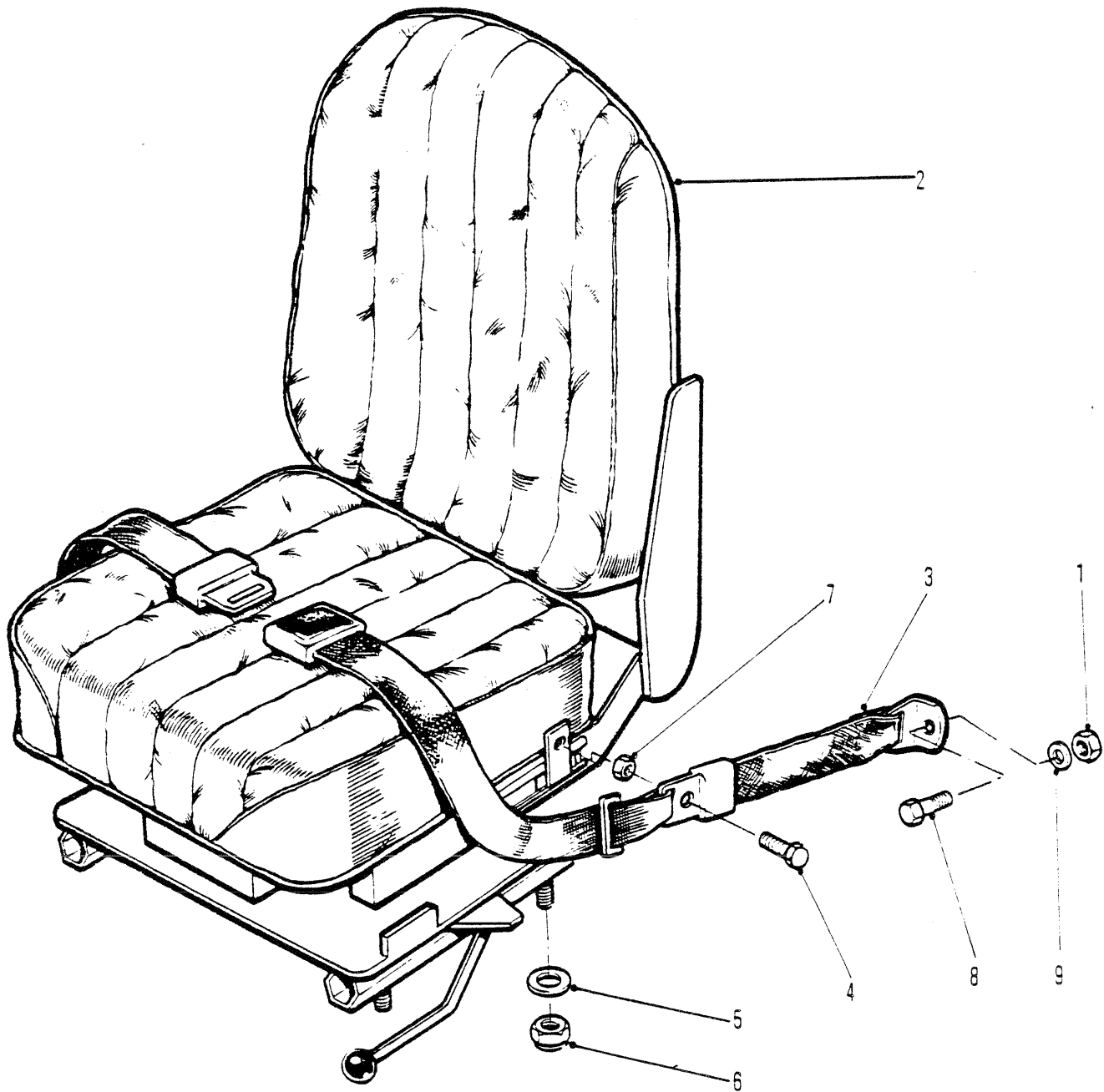
² Ref RSG 334. For service replacement of complete seat assembly, order 1935739 seat. Ref Group F2 40300.

² Réf RSG 334. Pour le remplacement, de l'ensemble siège complet, commander le siège 1935739. Groupe de réf F2 40300.

² Ref RSG 334. Zum Ersatz der vollständigen Sitzeinheit bestelle man Sitz 1935739. Referenzgruppe F2 40300.

² Ref RSG 334. Para reposição completa do conjunto do assento, ordene assento 1935739. Grupode referencia F2 40300.

² Ref RSG 334. Para el servicio de reemplazo del conjunto de asiento completo, ordene asiento 1935739. Referirse a Grupo F2 40300.



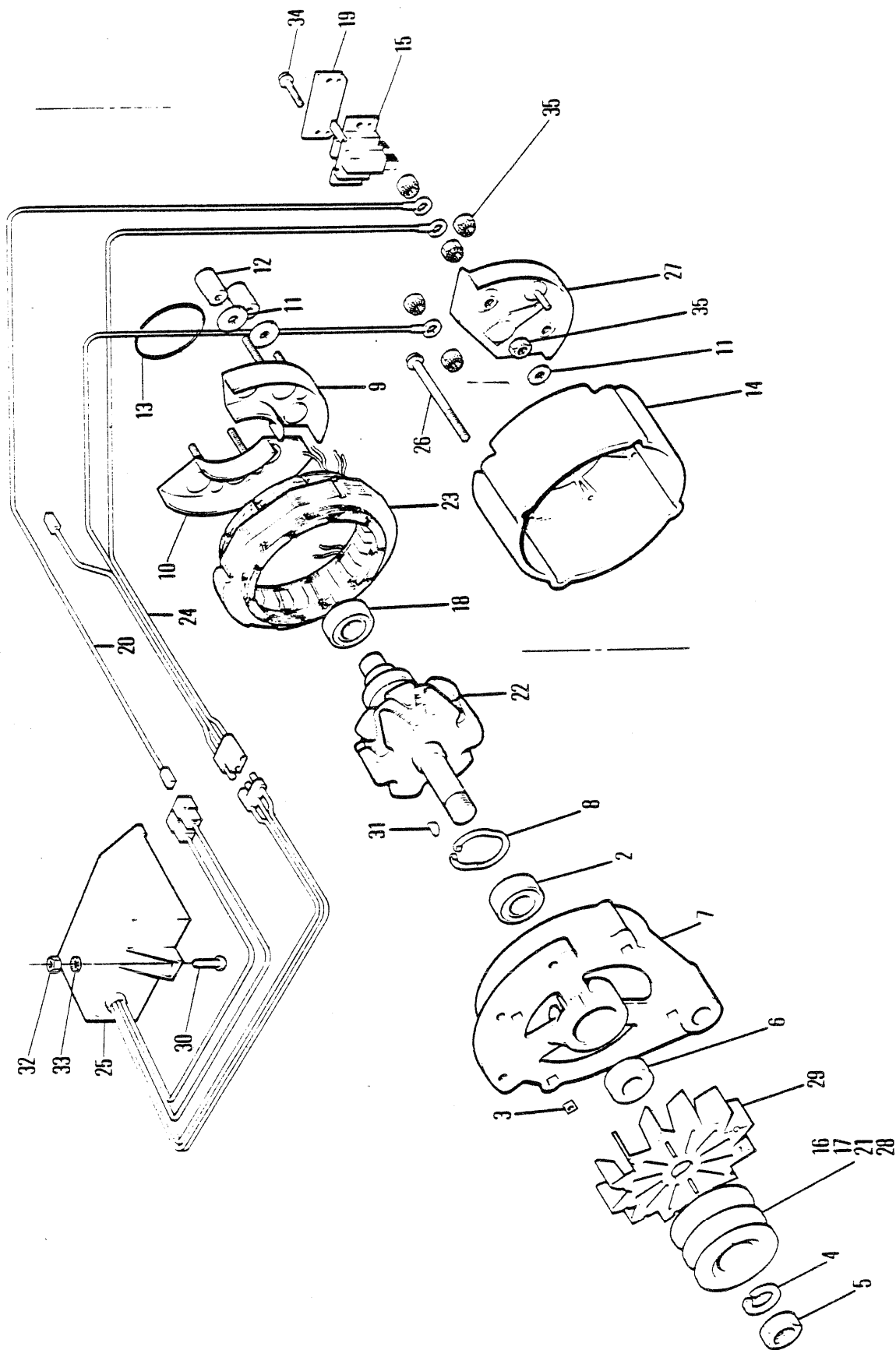
5831TP

SEAT ASSEMBLY-BOSTROM
SIÈGE, ENSEMBLE-BOSTROM
SITZ VOLLSTÄNDIG-BOSTROM
ASSENTO, CONJUNTO-BOSTROM
ASIENTO, CONJUNTO-BOSTROM

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	160D000007	2	Nut	écrou	Mutter	porca	tuerca
2	21921976	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
3	1928454	1	Seat belt assy	ens cour du sige	Sicherheitsgurt vollst	conj cinto de segurança	conj cint seguridad
4	17C000720	4	Bolt	boulon	Bolzen	parafuso	bulón
5	25E000015	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	59D000005	4	Nut	écrou	Mutter	porca	tuerca
7	17D000004	4	Nut	écrou	Mutter	porca	tuerca
8	2522745	2	Bolt	boulon	Bolzen	parafuso	bulón
9	2522744	2	Washer	rondelle	Scheibe	arruela	arandela

1 ■ 667 Cable
1 ■ 667 Câble
1 ■ 667 Kabel
1 ■ 667 Cabo
1 ■ 667 Cable

2 Standard on 880 machines
2 Standard sur les machines 880
2 Serienma für 880 Maschinen
2 Standard com máquinas 880
2 Standard con máquinas 880



5166TP

ALTERNATOR ALTERNATEUR ALTERNATOR ALTERNADOR ALTERNADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1907943	1	Alternator assy	ass de lalternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	○-----	-	Belt	courroie	Riemen	correia	correa
2	784950	1	Bearing	palier	Lager	mancal	cojinete
3	853847	4	Nut	écrou	Mutter	porca	tuerca
4	896978	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	896979	1	Nut	écrou	Mutter	porca	tuerca
6	896982	1	Fan Spacer	ventil entretoise	Vent Distanzteil	vent espaçador	vent espaciador
7	896983	1	Housing	botier	Gehuse	carcaça	carcasa
8	896985	1	Retainer	arrêtoir	Halterung	retentor	retén
9	896988	1	Diode	diode	Diode	diodo	diodo
10	896989	1	Diode	diode	Diode	diodo	diodo
11	896990	4	Washer	rondelle	Scheibe	arruela	arandela
12	896991	2	Sleeve	manchon	Muffe	luva	manguito
13	896992	1	Retainer	arrêtoir	Halterung	retentor	retén
14	896993	1	Housing	botier	Gehuse	carcaça	carcasa
15	² 896994	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
16	⁴ 1917720	1	Pulley	poulie	Riemenscheibe	polia	polea
17	○-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correia do alternador	Correa del alternador
18	1309108	1	Bearing	palier	Lager	mancal	cojinete
19	³ 8-----	1	Cover	couvercle	Deckel	tampa	tapa
20	1916142	1	Wire	fil	Draht	fio	cable
21	⁵ 1990105	1	Pulley	poulie	Riemenscheibe	polia	polea
22	1990106	1	Rotor	rotor	Rotor	rotor	rotor
23	1990109	1	Stator	stator	Stator	estator	estator
24	1990134	1	Cable	câble	Kabel	cabo	cable
25	1990135	1	Regulator	régulateur	Regler	regulador	regulador

¹ Inc 1→5, 7→18, 22→24, 26, 27, 29, 31, 34 & 35

² Inc 36

³ See item 15

³ Voir 15

³ Siehe 15

³ Veja 15

³ Véase 15

⁴ 3/8 inch Single Groove

⁴ Rainure simple 3/8"

⁴ Nute, einfach, 3/8"

⁴ Fenda Simples de 3/8 polegada

⁴ Ranura simple de 3/8 plg.

⁵ ☐ 668 3/8 inch Double Groove

⁵ ☐ 668 Rainure double 3/8"

⁵ ☐ 668 Nute doppelt 3/8"

⁵ ☐ 668 Fenda dupla 3/8 polegada

⁵ ☐ 668 Ranura doble 3/8 plg.

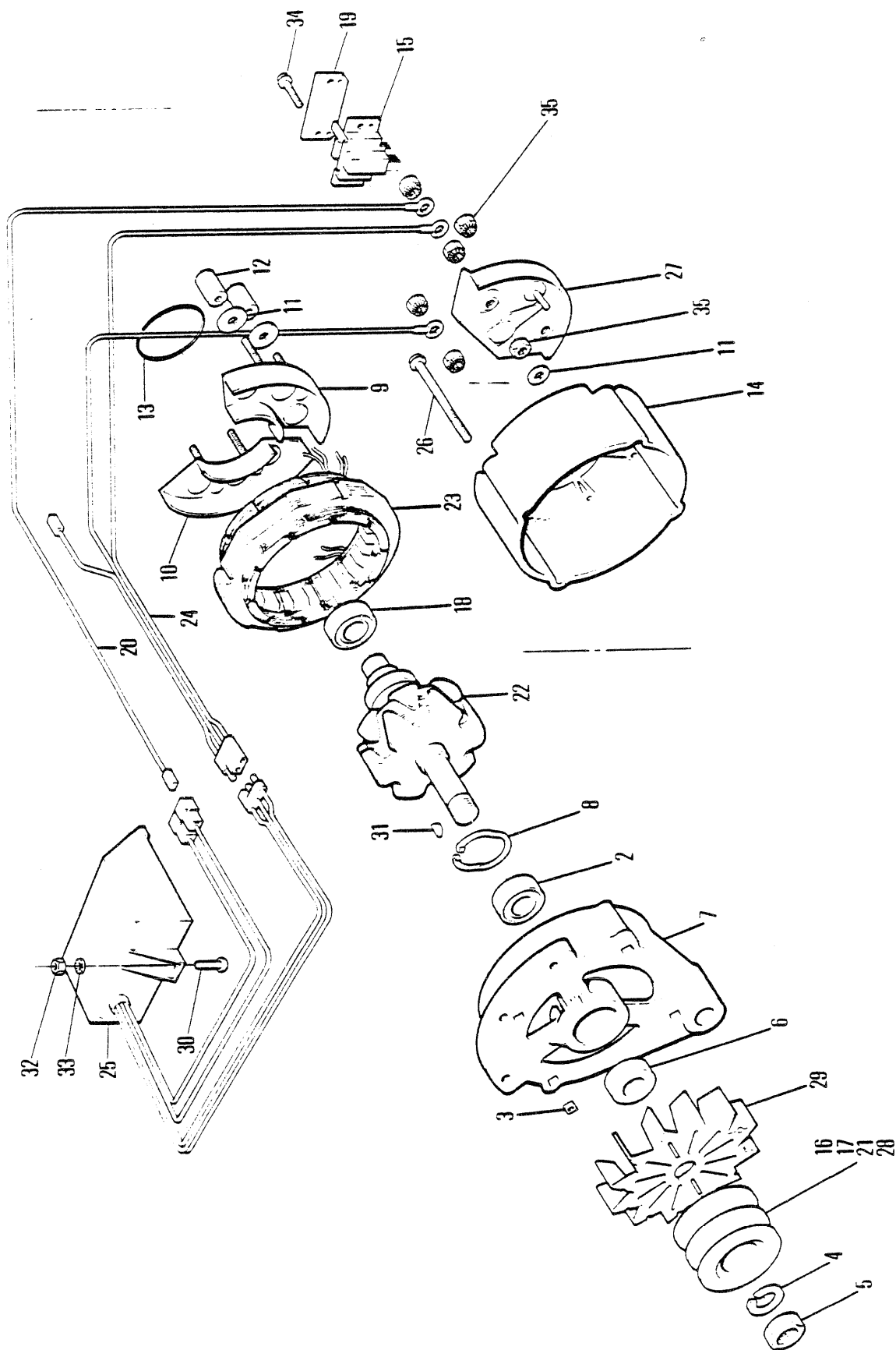
⁶ 1/2 inch Single Groove

⁶ Rainure simple 1/2"

⁶ Nute, einfach, 1/2"

⁶ Fenda Simples de 1/2 polegada

⁶ Ranura simple de 1/2 plg.



5166TP

ALTERNATOR ALTERNATEUR ALTERNATOR ALTERNADOR ALTERNADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
26	1990194	4	Bolt	boulon	Bolzen	parafuso	bulón
27	1990196	1	Diode, isolation	isolation diode	isolationsdiode	isolação do diodo	aislam diodo
28	1990300	1	Pulley	poulie	Riemenscheibe	polia	polea
29	1990503	1	Fan	ventilateur	Ventilator	ventilador	ventilador
30	3G0001010	3	Bolt	boulon	Bolzen	parafuso	bulón
31	6J0000405	1	Key	clavette	Keil	chaveta	chaveta
32	12D000010	3	Nut	écrou	Mutter	porca	tuerca
33	12E000010	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	18G000812	2	Bolt	boulon	Bolzen	parafuso	bulón
35	50D000010	6	Nut	écrou	Mutter	porca	tuerca

¹ Inc 1→5, 7→18, 22→24, 26, 27, 29, 31, 34 & 35

² Inc 36

³ See item 15

³ Voir 15

³ Siehe 15

³ Veja 15

³ Véase 15

⁴ 3/8 inch Single Groove

⁴ Rainure simple 3/8"

⁴ Nute, einfach, 3/8"

⁴ Fenda Simples de 3/8 polegada

⁴ Ranura simple de 3/8 pig.

⁵ □ 668 3/8 inch Double Groove

⁵ □ 668 Rainure double 3/8"

⁵ □ 668 Nute doppelt 3/8"

⁵ □ 668 Fenda dupla 3/8 polegada

⁵ □ 668 Ranura doble 3/8 pig.

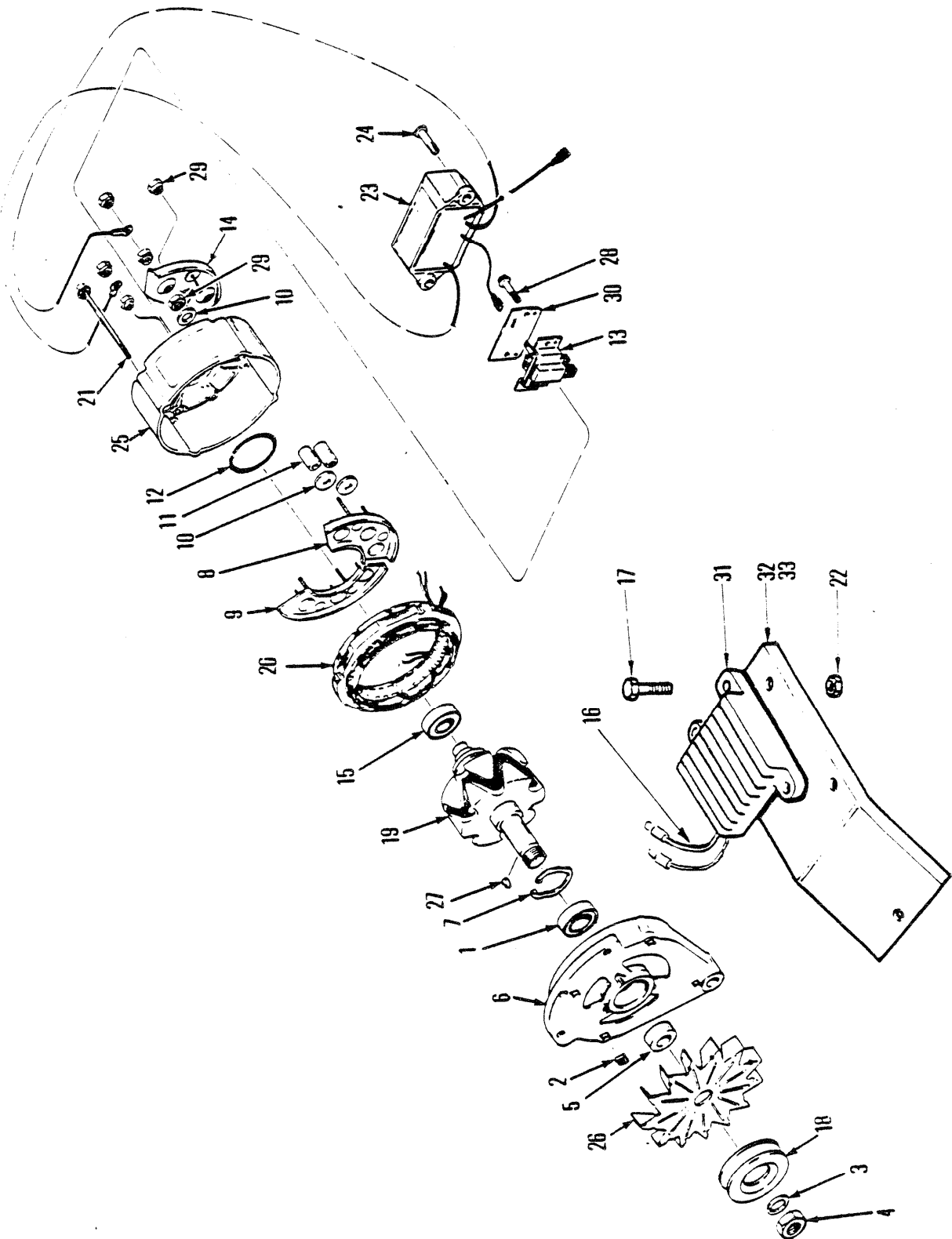
⁶ 1/2 inch Single Groove

⁶ Rainure simple 1/2"

⁶ Nute, einfach, 1/2"

⁶ Fenda Simples de 1/2 polegada

⁶ Ranura simple de 1/2 pig.



**ALTERNATOR
ALTERNATEUR
ALTERNATOR
ALTERNADOR
ALTERNADOR**

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1907944	1	Alternator assy	ass de lalternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	784950	1	Bearing	palier	Lager	mancal	cojinete
2	853847	4	Nut	écrou	Mutter	porca	tuerca
3	896978	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	896979	1	Nut	écrou	Mutter	porca	tuerca
5	896982	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	896983	1	Housing	botier	Gehuse	carcaça	carcasa
7	896985	1	Retainer	arrêtoir	Halterung	retentor	retén
8	896988	1	Diode	diode	Diode	diodo	diodo
9	896989	1	Diode	diode	Diode	diodo	diodo
10	896990	4	Washer	rondelle	Scheibe	arruela	arandela
11	896991	2	Sleeve	manchon	Muffe	luva	manguito
12	896992	1	Retainer	arrêtoir	Halterung	retentor	retén
13	² 896994	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
14	990932	1	Isolation diode	isolation diode	Isolationsdiode	isolação do diodo	aislam diodo
15	1309108	1	Bearing	palier	Lager	mancal	cojinete
16	1303213	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
17	17C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
18	^{3†} 1990105	1	Pulley	poulie	Riemenscheibe	polia	polea
19	1990106	1	Rotor	rotor	Rotor	rotor	rotor
20	1990109	1	Stator	stator	Stator	estator	estator
21	1990194	4	Bolt	boulon	Bolzen	parafuso	bulón
22	59D00006	1	Nut	écrou	Mutter	porca	tuerca
23	1991937	1	Voltage regulator	régulateur tension	Spannungsregler	regulador voltagem	regulador voltaje
24	1990501	3	Bolt	boulon	Bolzen	parafuso	bulón
25	1990502	1	Housing	botier	Gehuse	carcaça	carcasa
26	1990503	1	Fan	ventilateur	Ventilator	ventilador	ventilador
27	6J000405	1	Key	clavette	Keil	chaveta	chaveta
28	18G000812	2	Bolt	boulon	Bolzen	parafuso	bulón
29	50D000010	6	Nut	écrou	Mutter	porca	tuerca
30	⁴ 8-----	1	Cover	couvercle	Deckel	tampa	tapa
31	1917496	1	Load dump	bascul de chargemt	Lade-Kippvorrichtung	descarga de la presión	disposit carga entulhr
32	1917836	1	Bracket	support	Winkel	grampo	grampa
33	⁵ 1919477	1	Bracket	support	Winkel	grampo	grampa
34	○-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador

¹ Inc 1 → 15, 19 → 21, 24 → 30

² Inc 30

³ Double groove

³ Gorge double

³ Doppelnut

³ Canelura dupla

³ Muesca doble

⁴ See item 13

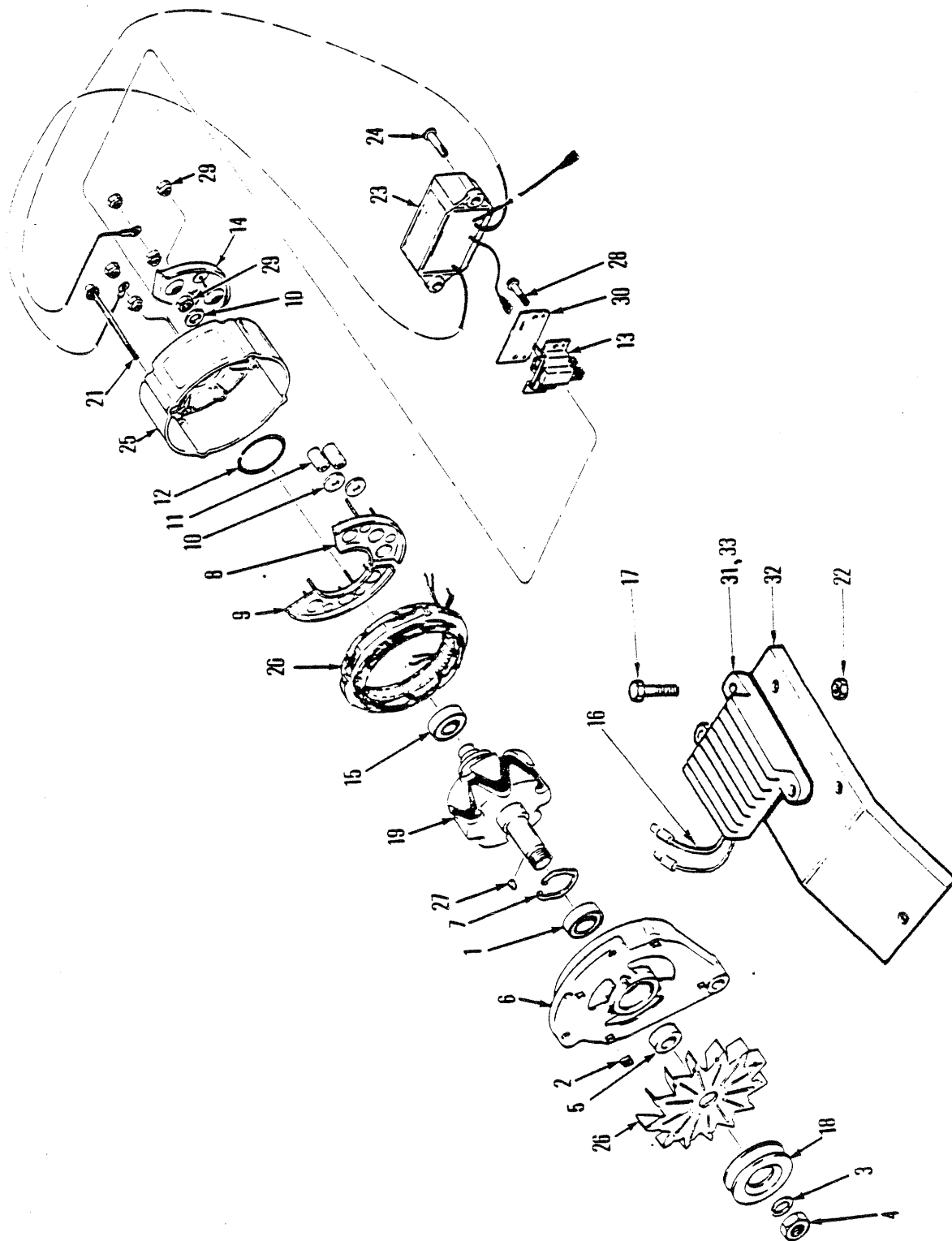
⁴ Voir 13

⁴ Siehe 13

⁴ Veja 13

⁴ Véase 13

⁵ □ 500H-2446 → 9999-CAC



ALTERNATOR ALTERNATEUR ALTERNATOR ALTERNADOR ALTERNADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1907944	1	Alternator assy	ass de lalternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	784950	1	Bearing	palier	Lager	mancal	cojinete
2	853847	4	Nut	écrou	Mutter	porca	tuerca
3	896978	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	896979	1	Nut	écrou	Mutter	porca	tuerca
5	896982	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	896983	1	Housing	botier	Gehuse	carcaça	carcasa
7	896985	1	Retainer	arrêtoir	Halterung	retentor	retén
8	896988	1	Diode	diode	Diode	diodo	diodo
9	896989	1	Diode	diode	Diode	diodo	diodo
10	896990	4	Washer	rondelle	Scheibe	arruela	arandela
11	896991	2	Sleeve	manchon	Muffe	luva	manguito
12	896992	1	Retainer	arrêtoir	Halterung	retentor	retén
13	896994	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
14	990932	1	Isolation diode	isolation diode	Isolationsdiode	isolação do diodo	aislam diodo
15	1309108	1	Bearing	palier	Lager	mancal	cojinete
16	1303213	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
17	17C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
18	1990105	1	Pulley	poulie	Riemenscheibe	polia	polea
19	1990106	1	Rotor	rotor	Rotor	rotor	rotor
20	1990109	1	Stator	stator	Stator	estator	estator
21	1990194	4	Bolt	boulon	Bolzen	parafuso	bulón
22	59D000006	1	Nut	écrou	Mutter	porca	tuerca
23	1991937	1	Voltage regulator	régulateur tension	Spannungsregler	regulador voltagem	regulador voltaje
24	1990501	3	Bolt	boulon	Bolzen	parafuso	bulón
25	1990502	1	Housing	botier	Gehuse	carcaça	carcasa
26	1990503	1	Fan	ventilateur	Ventilator	ventilador	ventilador
27	6J000405	1	Key	clavette	Keil	chaveta	chaveta
28	18G000812	2	Bolt	boulon	Bolzen	parafuso	bulón
29	50D000010	6	Nut	écrou	Mutter	porca	tuerca
30	3S-----	1	Cover	couvercle	Deckel	tampa	tapa
31	1917496	1	Load dump	bascui de chargemt	Lade-Kippvorrichtung	descarga de la presión	disposit carga entuihr
32	1917836	1	Bracket	support	Winkel	grampo	grampa
33	1919477	1	Bracket	support	Winkel	grampo	grampa
34	○-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador

¹ No longer available. For service replacement see Group F 2 50200

¹ Plus disponible. Pour le remplacement, voir groupe F 2 50200.

¹ Nicht mehr erhältlich. Zum Ersatz siehe man Gruppe F 2 50200.

¹ Não disponibilidade. Para reposição veja grupo F 2 50200.

¹ No se produce más. Para el servicio de reemplazo, ver grupo F 2 50200.

² Double groove

² Gorge double

² Doppelnut

² Canelura dupla

² Muesca doble

³ See item 13

³ Voir 13

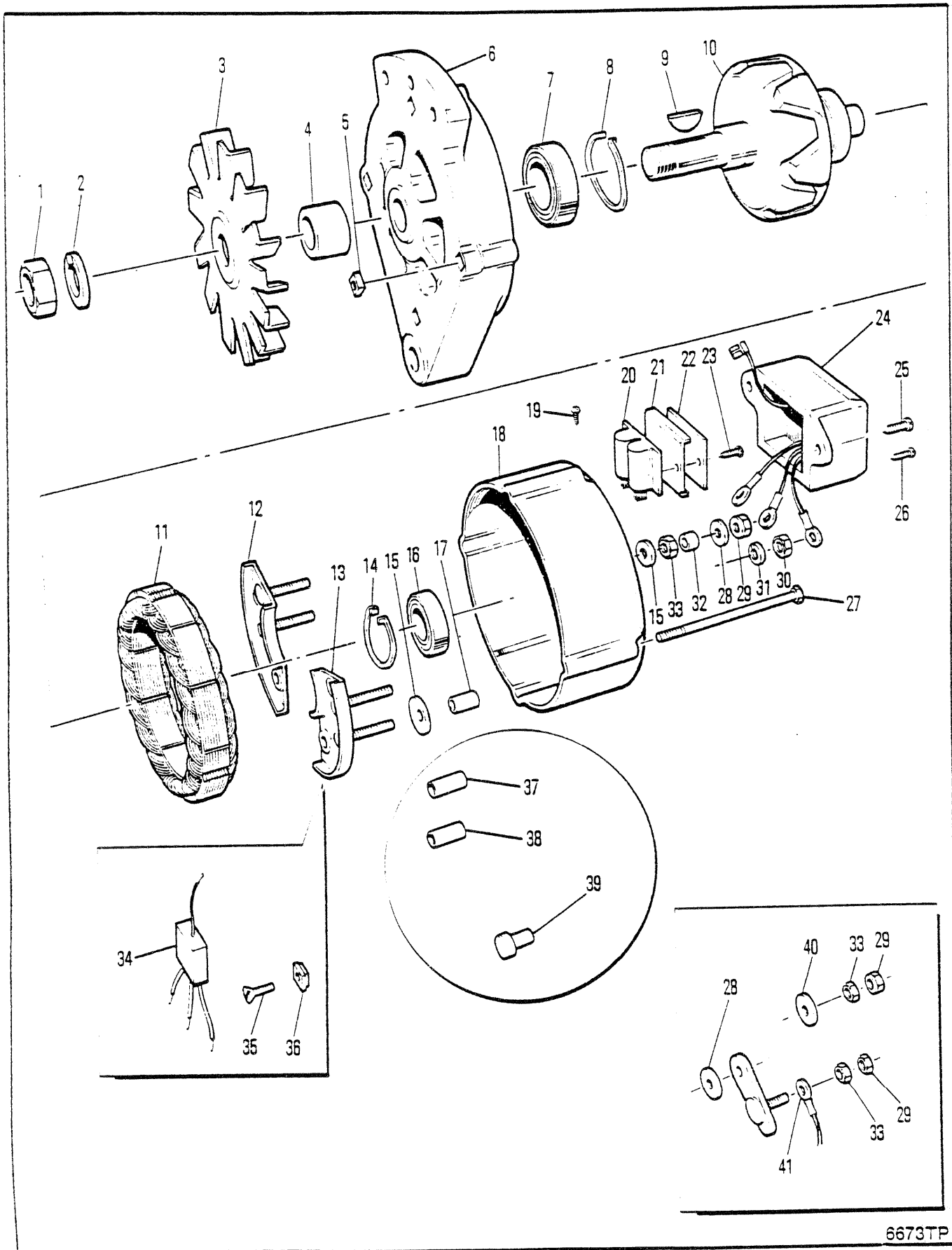
³ Siehe 13

³ Veja 13

³ Véase 13

⁴ Inc 30

RANGER



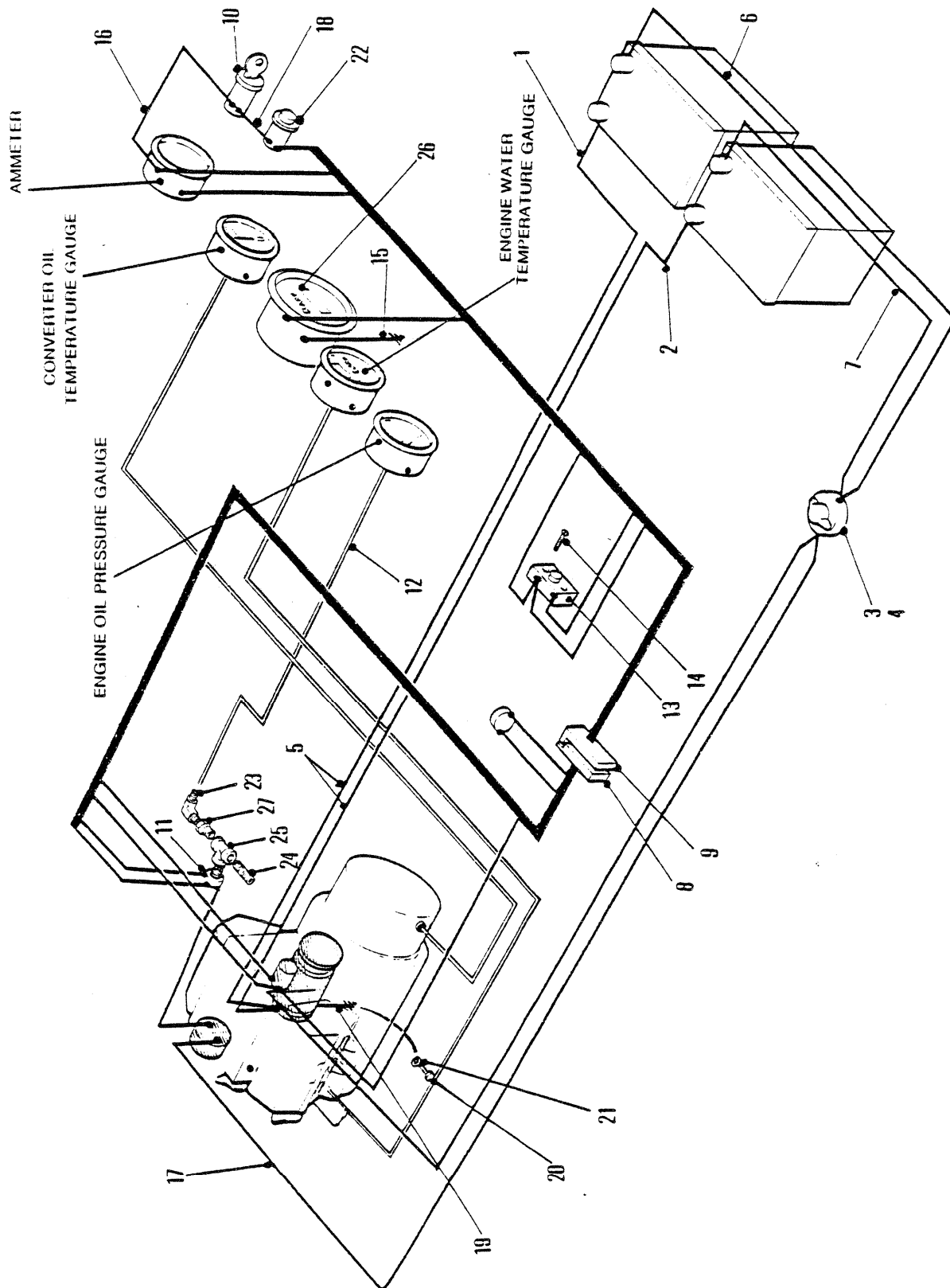
6673TP

**ALTERNATOR
ALTERNATEUR
ALTERNATOR
ALTERNADOR
ALTERNADOR**

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1938410	1	Alternator assy	ass de lalternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	62D000010	1	Nut	écrou	Mutter	porca	tuerca
2	4E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1992504	1	Fan	ventilateur	Ventilator	ventilador	ventilador
4	1992510	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	1992523	1	Nut	écrou	Mutter	porca	tuerca
6	1992500	1	Housing	botier	Gehuse	carcaça	carcasa
7	1991037	1	Bearing	palier	Lager	mancal	cojinete
8	1992505	1	Retainer	arrêtoir	Halterung	retentor	retên
9	6J000405	1	Key	clavette	Keil	chaveta	chaveta
10	1992501	1	Rotor	rotor	Rotor	rotor	rotor
11	1992502	1	Stator	stator	Stator	estator	estator
12	1992507	1	Diode	diode	Diode	diodo	diodo
13	1992508	1	Diode	diode	Diode	diodo	diodo
14	1992506	1	Retainer	arrêtoir	Halterung	retentor	retên
15	1992525	2	Washer	rondelle	Scheibe	arruela	arandela
16	1991038	1	Bearing	palier	Lager	mancal	cojinete
17	1992516	1	Sleeve	manchon	Muffe	luva	manguito
18	1992503	1	Housing	botier	Gehuse	carcaça	carcasa
19	966375	1	Screw	vis	Schraube	parafuso	tornillo
20	1992509	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
21	1992511	1	Dust shield	cache poussire	Staubschild	proteção de poeira	protec ctra polvo
22	1991034	1	Cover	couvercle	Deckel	tampa	tapa
23	45G000806	1	Screw	vis	Schraube	parafuso	tornillo
24	1992514	1	Voltage regulator	régulateur tension	Spannungsregler	regulador voltagem	regulador voltaje
25	1992527	1	Screw	vis	Schraube	parafuso	tornillo
26	1992528	1	Screw	vis	Schraube	parafuso	tornillo
27	1992521	1	Bolt	boulon	Bolzen	parafuso	bulón
28	1992524	2	Washer	rondelle	Scheibe	arruela	arandela
29	1992520	3	Nut	écrou	Mutter	porca	tuerca
30	61D000004	1	Nut	écrou	Mutter	porca	tuerca
31	4E000004	1	Washer	rondelle	Scheibe	arruela	arandela
32	1992515	1	Sleeve	manchon	Muffe	luva	manguito
33	12D000010	3	Nut	écrou	Mutter	porca	tuerca
34	1992513	1	Diode	diode	Diode	diodo	diodo
35	1992522	1	Bolt	boulon	Bolzen	parafuso	bulón
36	1992518	1	Insulator	isolant	Isolator	isolador	aislador
37	1992519	1	Sleeve	manchon	Muffe	luva	manguito
38	1992517	1	Sleeve	manchon	Muffe	luva	manguito
39	1992526	1	Stud	goujon	Stift	prisioneiro	espárrago
40	25E000011	1	Washer	rondelle	Scheibe	arruela	arandela
41	1992512	1	Cable assy	ens câble	Kabel vollst	conjunto do cabo	conjunto de cable

1 Inc 1→41



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909364	1	Cable	câble	Kabel	cabo	cable
2	1908267	1	Cable	câble	Kabel	cabo	cable
3	754019	1	Switch	interrupteur	Schalter	interruptor	interruptor
4	1901749	1	Plate	plaque	Platte	placa	placa
5	1908281	2	Cable	câble	Kabel	cabo	cable
6	1914113	1	Cable	câble	Kabel	cabo	cable
7	1914112	1	Cable	câble	Kabel	cabo	cable
8	1909377	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
9	1909376	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
10	1-----	-	Ignition switch	interr d'allumage	Zundschalter	chava de ignição	inter encendido
11	636260	1	Switch oil press	com, pres huile	Oeldruckschalter	int pressão óleo	inter pr aceite
12	1905532	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
14	85G000816	2	Screw	vis	Schraube	parafuso	tornillo
15	1900460	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
16	695993	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
17	1916142	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
18	631118	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
19	1905013	1	Ground strap	ligne de masse	Massestriefen	guarn de terra	flete de tierra
20	18C000624	1	Bolt	boulon	Bolzen	parafuso	bulón
21	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	1-----	1	Starter button	bouton démarrage	Anknopf	batão arranque	botón arranque
23	25F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	5K0000108	1	Nipple	raccord	Nippel	niple	niple
25	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
26	1-----	1	Hourmeter	compteur d'heures	Stundenzähler	horímetro	cuenta-horas
27	59F000002	2	Fitting	ajustage	Verbindung	ajuste	accesorio

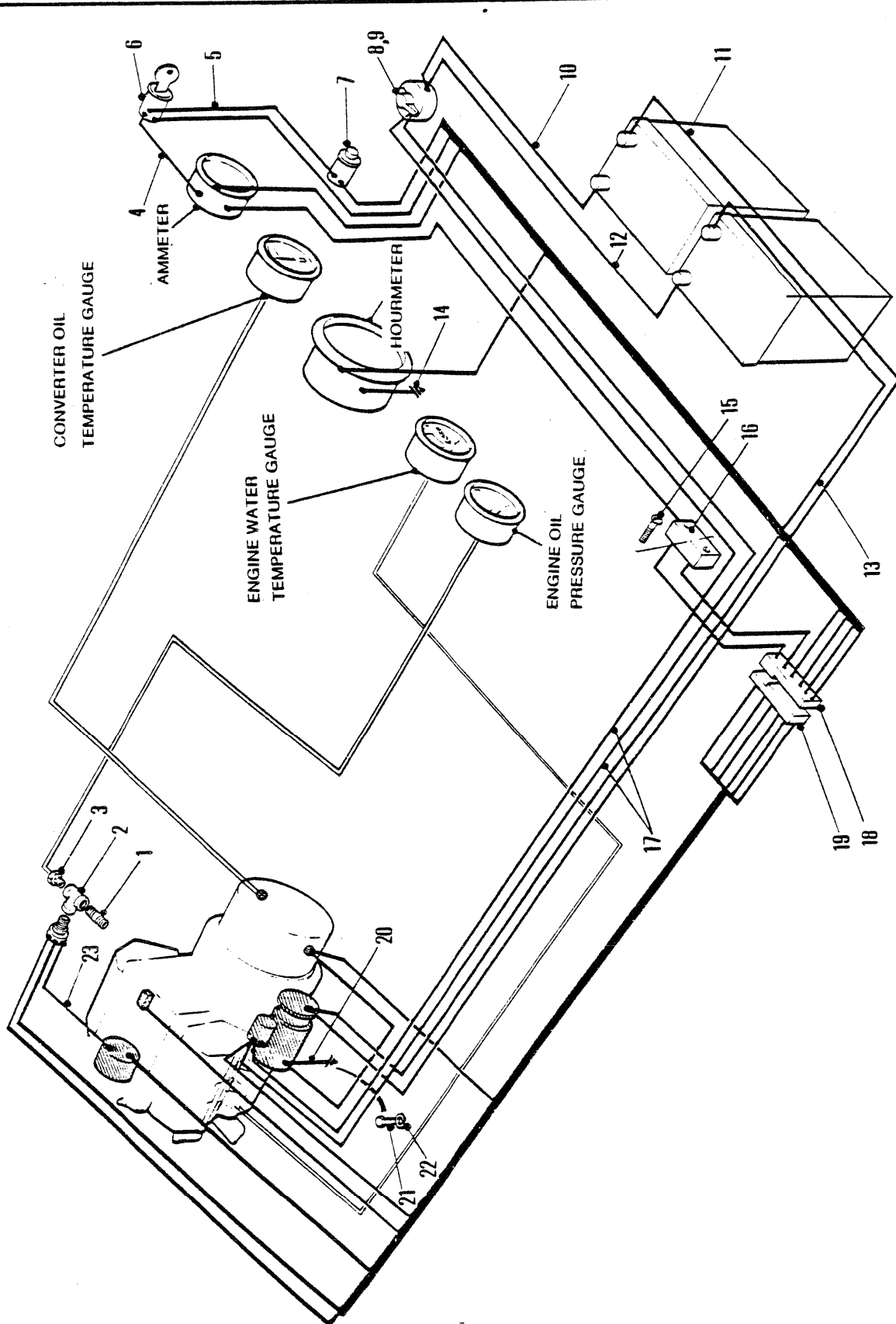
1 Ref Instrument Panel

1 Ref Tableau de bord

1 Ref Instrumentenbrett

1 Ref Painel de instrumentos

1 Ref Panel de instrumentos



ELECTRICAL SYSTEM
SYSTÈME ELECTRIQUE
ELEKTRISCHE ANLAGE
SISTEMA ELECTRICO
SISTEMA ELECTRICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	5K0000108	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	695993	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
5	631118	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
6	1-----	-	Ignition switch	interr dallumage	Zundschalter	chava de ignição	inter encendido
7	1-----	-	Starter button	bouton démarrage	Anlkнопf	batão arranque	botón arranque
8	754019	1	Switch	interrupteur	Schalter	interruptor	interruptor
9	1901749	1	Plate	plaque	Platte	placa	placa
10	1909364	1	Cable	câble	Kabel	cabo	cable
11	1908264	1	Cable	câble	Kabel	cabo	cable
12	1908267	1	Cable	câble	Kabel	cabo	cable
13	1908269	1	Cable	câble	Kabel	cabo	cable
14	1900460	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
15	85G000816	2	Screw	vis	Schraube	parafuso	tornillo
16	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
17	1914495	2	Cable	câble	Kabel	cabo	cable
18	1909375	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
19	1909378	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
20	1905013	1	Ground strap	ligne de masse	Massestriefen	quarn de terra	flete de tierra
21	18C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
22	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	1916142	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec

1 Ref Instrument Panel
1 Ref Tableau de bord
1 Ref Instrumentenbrett
1 Ref Painel de instrumentos
1 Ref Panel de instrumentos

RANGER

RANGER

CLARK

668 B

COVERED BY ONE OR MORE
OF THE FOLLOWING PATENTS

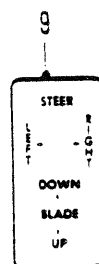
UNITED STATES

3,443,344	3,554,046	3,176,752	3,142,195
3,446,779	3,209,135	3,263,714	3,367,356
3,465,609	3,473,566	3,217,503	3,724,585
3,741,343	3,846,820	3,886,705	3,887,750
3,859,216	3,893,345	3,886,705	3,924,867
3,946,683	3,949,626	3,960,371	3,990,869
4,024,922	4,030,776		

CANADA
PATENTED 1960 1966 Re 1960 1966
1971 1973 1974

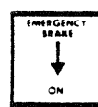
CAUTION
NEGATIVE GROUND

WARNING
DO NOT TURN BATTERY DISCONNECT
SWITCH TO "OFF" POSITION
WHILE ENGINE IS RUNNING



FORWARD HIGH
(N) MED.
REVERSE LOW
TRANSMISSION CONTROL

CAUTION
↑ ONLY APPROVED HEAVY
DUTY BRAKE FLUID
IS TO BE USED TO FILL
THE MASTER CYLINDER.
REFER TO MACHINE
OPERATOR'S MANUAL



WARNING
NO ROOM FOR A MAN IN THIS AREA
WHEN MACHINE IS TURNED.
DO NOT STAND OR WORK IN THIS
AREA WHEN ENGINE IS RUNNING.
USE SAFETY LINKS WHEN SERVICING.

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

CAUTION
↑ ONLY APPROVED
TRANSMISSION FLUID
IS TO BE USED TO FILL
THE MASTER CYLINDER.
REFER TO MACHINE
OPERATOR'S MANUAL.

Chassis **CLARK** Lubrication Instructions **RANGER** Drive Line

NOTE: THIS DECAL ONLY FOR
MACHINES WITH TOTAL
ENCLOSED VMD MOUNT BRAKE

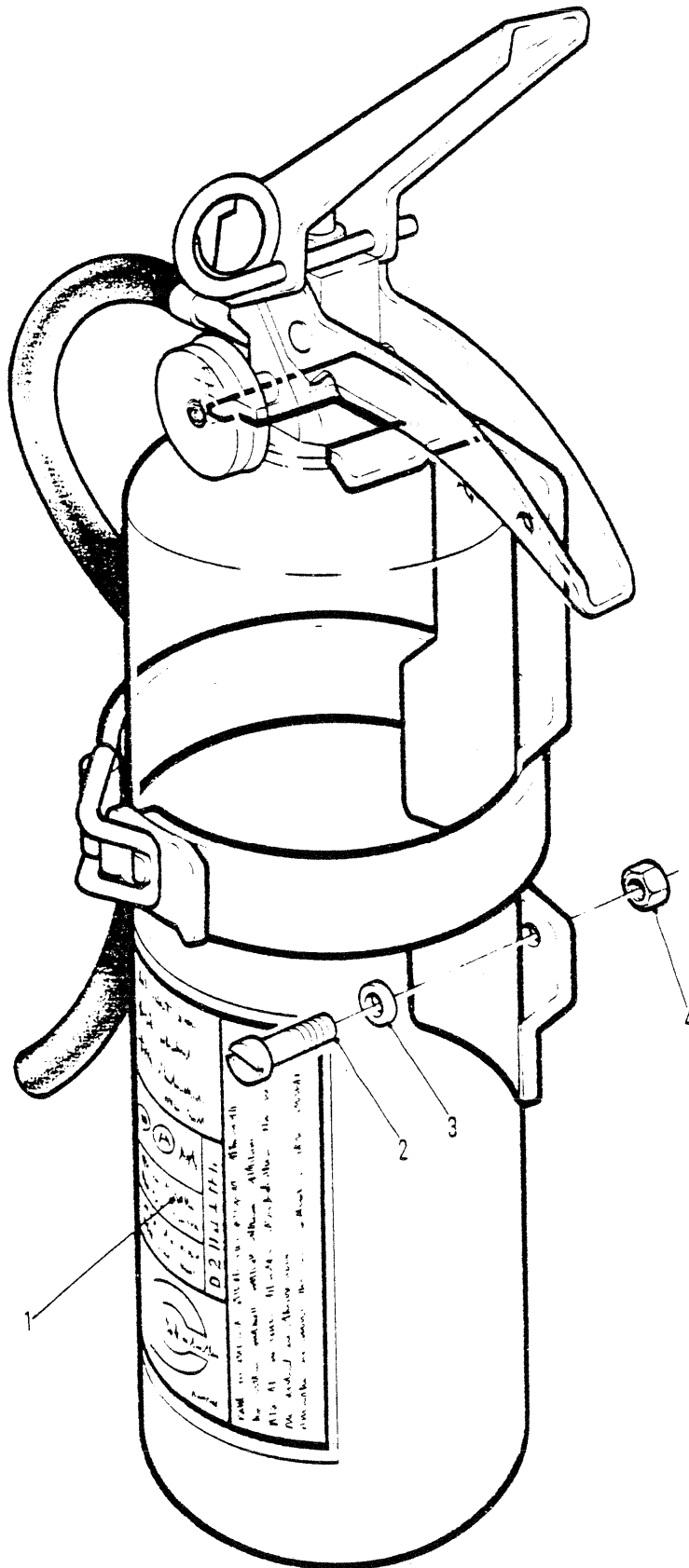
Lubricant Key

6433TP

**DECALS
DÉCALQUES
ABZIEHBILD
DECALCOMANIAS
CALCOMANÍAS**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1921450	2	Decal Ranger	décal Ranger	Abzbld Ranger	decal Ranger	calc Ranger
2	1921456	3	Decal Clark	décal Clark	Abzbld Clark	decal Clark	calc Clark
3	1512006	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
4	1900774	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
5	1921451	2	Decal 668	décal 668	Abzbld 668	decal 668	calc 668
6	1921457	2	Decal B	décal B	Abzbld B	decal B	calc B
7	1904287	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	2536249	4	Decal Lift	décal lever	Abziehbild Heben	decal levantar	calcom levantar
9	1903012	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
10	1903015	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1908058	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
12	1920468	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1913556	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
14	1916836	1	Decal Lube Inst	notice instr graissage	Abzbld Schmieranw	inst lube decal	calco inst del aceite
15	1913668	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1511711	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

RANGER

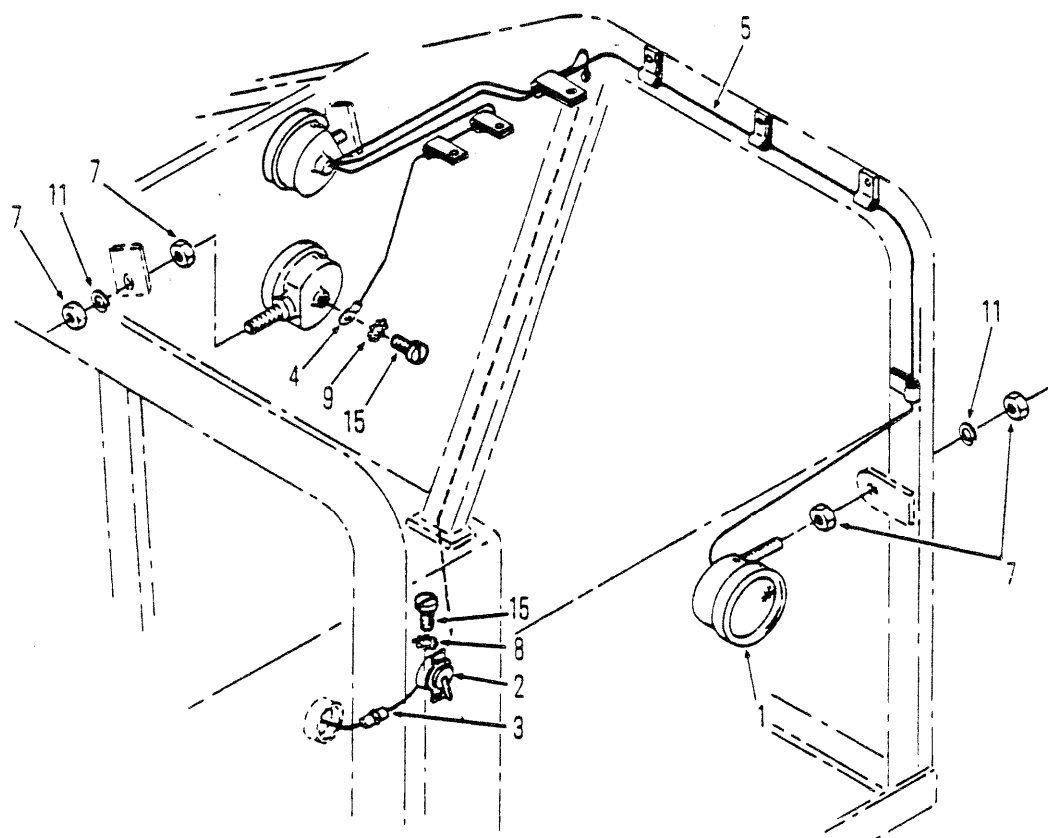


6607TP

668B

**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	85G001010	-	Bolt	boulon	Bolzen	parafuso	bulón
3	-----	-	Washer	rondelle	Scheibe	arruela	arandela
4	50D000010	-	Nut	écrou	Mutter	porca	tuerca

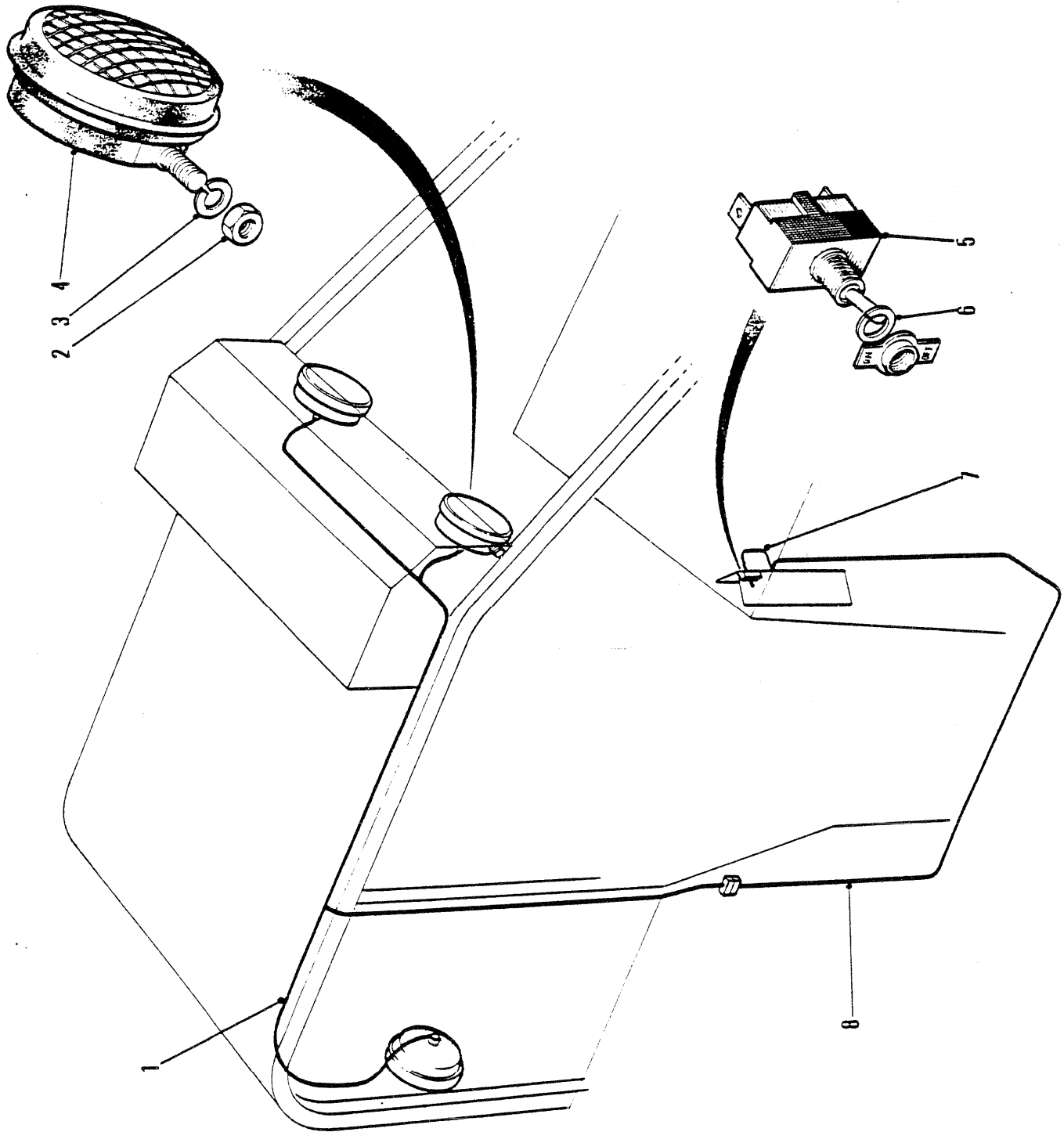


5763TP

LIGHTS
PHARES
SCHEINWERFER-LEUCHTEN
LUZES
LUCES

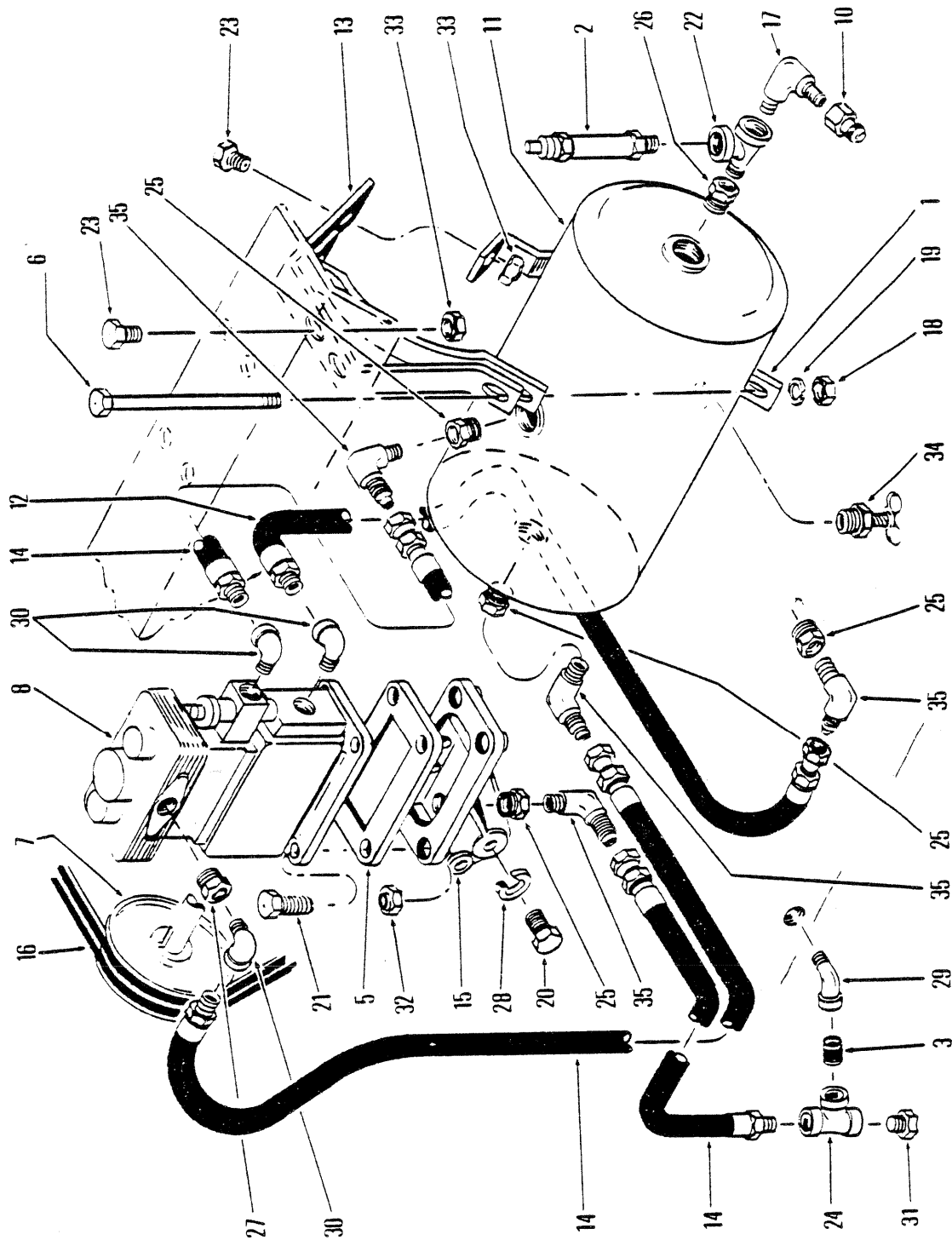
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	547529	3	Light assy	assemblage élect	Lichteinheit	conj luzes	conj de luces
2	1501478	1	Switch	interrupteur	Schalter	interruptor	interruptor
3	611074	1	Fuse	fusible	Sicherung	fusível	fusible
4	740320	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
5	1909130	2	Wire	fil	Draht	fio	cable
6	1911571	1	Fuse wire	câble de fusible	Sicherungsdraht	filamento fusível	alambre de fusible
7	1D0000008	6	Nut	écrou	Mutter	porca	tuerca
8	12E0000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	12E0000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	17E0000010	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	24E0000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	30H0000013	5	Clip	attache	Schelle	braçadeira	abrazadera
13	31H0000009	2	Clip	attache	Schelle	braçadeira	abrazadera
14	65G001008	7	Screw	vis	Schraube	parafuso	tornillo
15	85G000806	3	Bolt	boulon	Bolzen	parafuso	bulón

† Inc 3



LIGHTS☒
PHARES☒
SCHEINWERFER LEUCHTEN☒
LUZES☒
LUCES☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1925329	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
2	61D000008	6	Nut	écrou	Mutter	porca	tuerca
3	12E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	547529	3	Headlight assy	phare ens	Scheinwerfer vollst	farol dianteiro conj	faro delantero conj
5	1501478	1	Switch toggle	intér mâch artic	Kippschalter	interr de art	pal conmutador
6	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	1911571	1	Fuse wire	câble de fusible	Sicherungsdraht	filamento fusível	alambre de fusible
8	1925328	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj



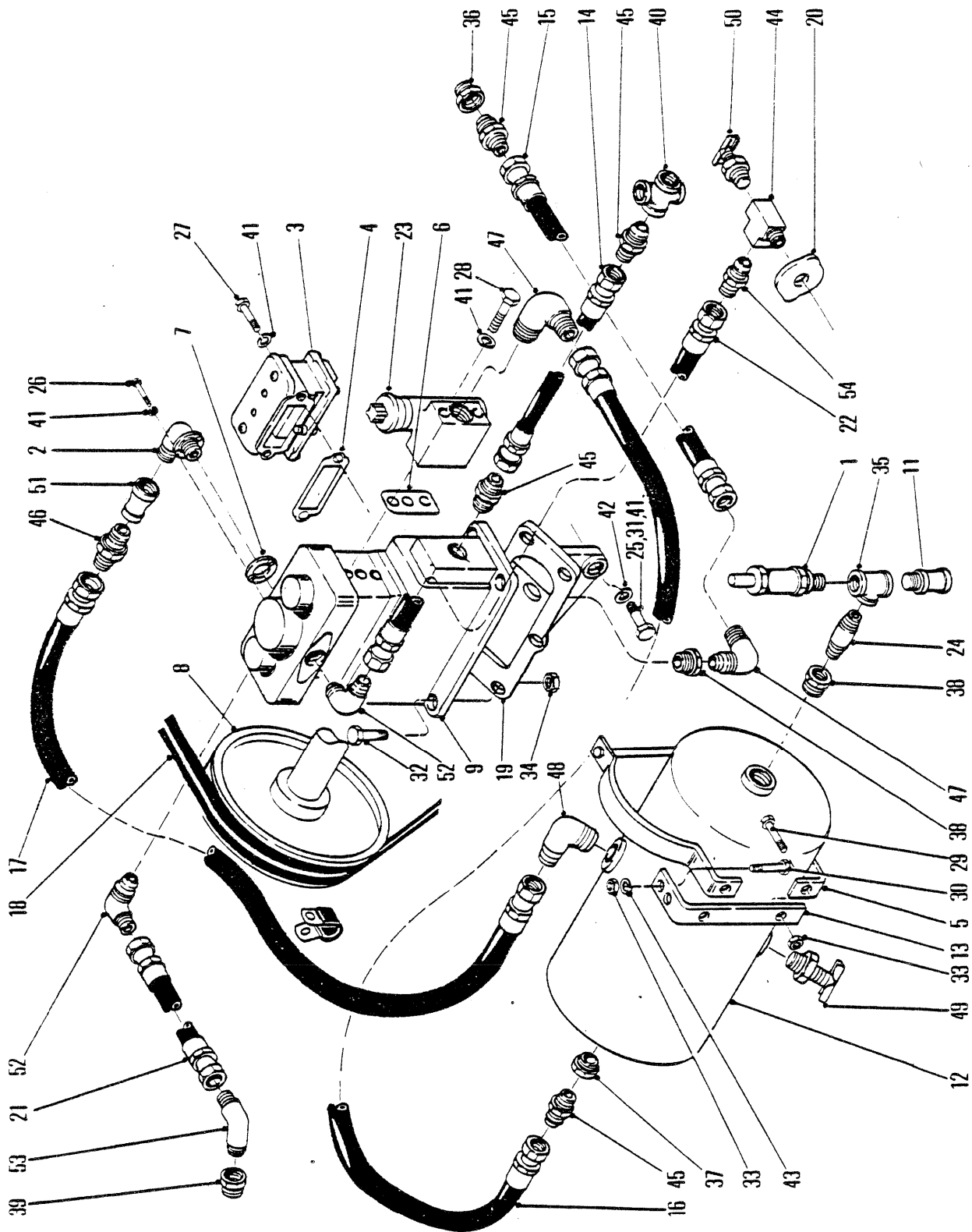
4

AIR COMPRESSOR ☒
COMPRESSEUR D'AIR ☒
LUFTKOMPRESSOR ☒
COMPRESSOR DE AR ☒
COMPRESOR DE AIRE ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1905528	1	Air compressor	compresseur dair	Luftkompressor	compressor ar	compresor aire
1	505384	4	Band	bande	Band	banda	banda
2	507815	1	Safety valve	soupape de sreté	Sicherheitsventil	válvula de segurança	válvula de seguridad
3	547003	1	Nipple	raccord	Nippel	niple	niple
4	² 941214	2	Band	bande	Band	banda	banda
5	952001	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	958653	2	Bolt	boulon	Bolzen	parafuso	bulón
7	1655019	1	Pulley	poulie	Riemenscheibe	polia	polea
8	1655043	1	Air compressor	compresseur dair	Luftkompressor	compressor ar	compresor aire
9	⁺ 1902093	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1902094	1	Valve	soupape	Ventil	válvula	válvula
11	1902571	1	Reservoir	réservoir	Behälter	reservatório	depósito
12	1902593	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1905448	2	Bracket	support	Winkel	grampo	grampa
14	1905510	3	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905521	1	Bracket	support	Winkel	grampo	grampa
16	1905527	1	Belt	courroie	Riemen	correia	correa
17	85F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
18	1D0000006	2	Nut	écrou	Mutter	porca	tuerca
19	4E0000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000720	4	Bolt	boulon	Bolzen	parafuso	bulón
22	17F000002	1	Tee	raccord T	T-Verbindungsstück	te	te
23	18C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
24	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
25	19F000002	4	Bushing	chemise	Buchse	bucha	buje
26	19F000003	1	Bushing	chemise	Buchse	bucha	buje
27	19F000004	1	Bushing	chemise	Buchse	bucha	buje
28	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	25F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
30	26F000001	3	Elbow	coude	Winkelrohr	cotovêlo	codo
31	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
32	42D000007	4	Nut	écrou	Mutter	porca	tuerca
33	43D000006	8	Nut	écrou	Mutter	porca	tuerca
34	72F000002	1	Drain cock	robinet vidange	Abflusshahn	torneira purga	grifo purga
35	83F000003	4	Elbow	coude	Winkelrohr	cotovêlo	codo

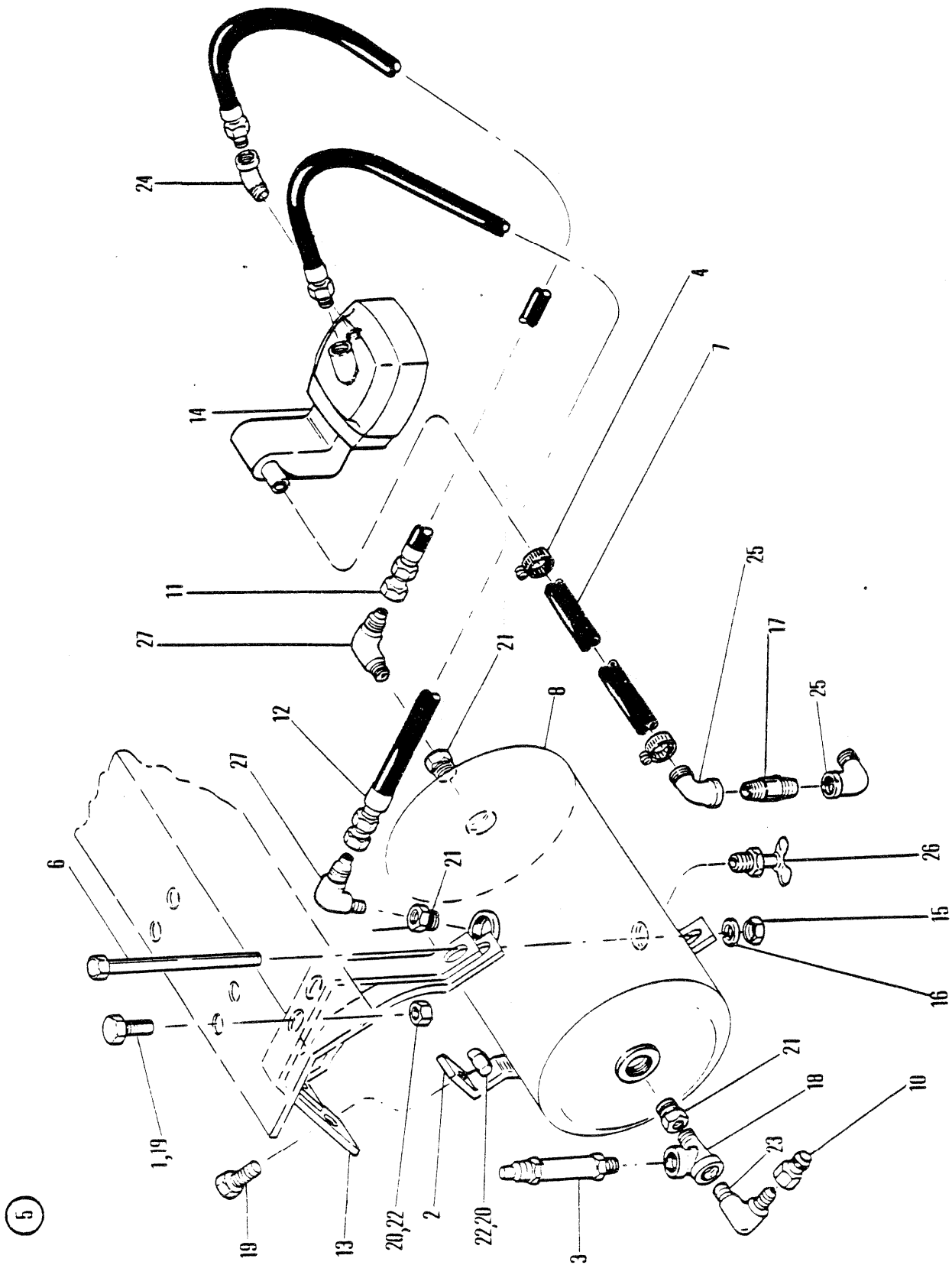
¹ Inc 1 → 35

² Inc 1, 6, 18 & 19



AIR COMPRESSOR ☒
COMPRESSEUR D'AIR ☒
LUFTKOMPRESSOR ☒
COMPRESSOR DE AR ☒
COMPRESOR DE AIRE ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	507815	1	Safety valve	soupape de sreté	Sicherheitsventil	válvula de segurança	válvula de seguridad
2	522846	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	875002	1	Air strainer	filtre à air	Luftsieb vollst	conj ralo de ar	conj filtro de aire
4	875012	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	941214	2	Bracket	support	Winkel	grampo	grampa
6	942646	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	951948	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	1655019	1	Pulley	poulie	Riemenscheibe	polia	polea
9	1655043	1	Air compressor	compresseur dair	Luftkompressor	compressor ar	compresor aire
10	†1902093	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1902094	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
12	1902571	1	Reservoir	réservoir	Behlter	reservatório	depósito
13	1914749	2	Bracket	support	Winkel	grampo	grampa
14	1914750	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1914751	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1914752	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1914753	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1914754	1	Belt	courroie	Riemen	correia	correa
19	1915459	1	Support	support	Abstützung	suporte	soporte
20	1915461	1	Cover	couvercle	Deckel	tampa	tapa
21	1915467	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1915468	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
23	3215964	1	Governor	régulateur	Regulator	regulador	regulador
24	5K0000207	1	Connector	raccord	Verbindungsstück	ligador	conector
25	†17C000520	1	Bolt	boulon	Bolzen	parafuso	bulón
26	17C000528	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C000536	2	Bolt	boulon	Bolzen	parafuso	bulón
28	17C000544	2	Bolt	boulon	Bolzen	parafuso	bulón
29	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
30	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
31	17C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
32	17C000728	4	Bolt	boulon	Bolzen	parafuso	bulón
33	17D000003	8	Nut	écrou	Mutter	porca	tuerca
34	17D000004	1	Nut	écrou	Mutter	porca	tuerca
35	18F000002	1	Tee	raccord T	T-Verbindungsstück	te	te
36	19F000001	1	Reducer	réducteur	Reduzierstück	reductor	reductor
37	19F000002	1	Reducer	réducteur	Reduzierstück	reductor	reductor
38	19F000003	2	Reducer	réducteur	Reduzierstück	reductor	reductor
39	19F000006	1	Reducer	réducteur	Reduzierstück	reductor	reductor
40	21F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
41	†24E000005	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	24E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
43	25E000017	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	30F000002	1	Tee	raccord T	T-Verbindungsstück	te	te
45	38F000003	4	Connector	raccord	Verbindungsstück	ligador	conector
46	38F000009	1	Connector	raccord	Verbindungsstück	ligador	conector
47	42F010003	2	Elbow	coude	Winkelrohr	cotovêlo	codo
48	42F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
49	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
50	72F000003	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
51	76F000004	1	Reducer	réducteur	Reduzierstück	reductor	reductor
52	83F000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
53	84F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
54	89F000006	1	Connector	raccord	Verbindungsstück	ligador	conector



5

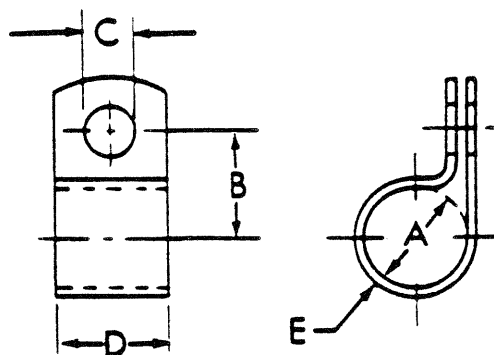
AIR COMPRESSOR ☒
COMPRESSEUR D'AIR ☒
LUFTKOMPRESSOR ☒
COMPRESSOR DE AR ☒
COMPRESOR DE AIRE ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1908697	1	Air compressor	compresseur dair	Luftkompressor	compressor ar	compresor aire
1	209915	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
2	505384	1	Band	bande	Band	banda	banda
3	507815	1	Safety valve	soupape de sreté	Sicherheitsventil	válvula de segurança	válvula de seguridad
4	521874	2	Clamp	pince	Schelle	braçadeira	abrazadera
5	2941214	2	Band assy	bande ens	Band vollst	banda conj	banda conj
6	958653	1	Bolt	boulon	Bolzen	parafuso	bulón
7	31307059	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1902069	1	Reservoir	réservoir	Behälter	reservatório	depósito
9	1902093	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1902094	1	Valve	soupape	Ventil	válvula	válvula
11	1905430	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	1905431	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1905448	2	Bracket	support	Winkel	grampo	grampa
14	-----	1	Air compressor	compresseur dair	Luftkompressor	compressor ar	compresor aire
15	1D0000006	1	Nut	écrou	Mutter	porca	tuerca
16	4E0000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
17	5K0000624	1	Nipple	raccord	Nippel	niple	niple
18	17F000002	1	Tee	raccord T	T-Verbindungsstück	te	te
19	18C000624	8	Bolt	boulon	Bolzen	parafuso	bulón
20	18D000006	8	Nut	écrou	Mutter	porca	tuerca
21	19F000005	3	Bushing	chemise	Buchse	bucha	buje
22	25E000017	8	Washer	rondelle	Scheibe	arruela	arandela
23	26F000002	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	26F000004	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	26F000005	2	Fitting	ajustage	Verbindung	ajuste	accesorio
26	72F000002	1	Drain cock	robinet vidange	Abflusshahn	torneira purga	grifo purga
27	83F000005	2	Elbow	coude	Winkelrohr	cotovêlo	codo

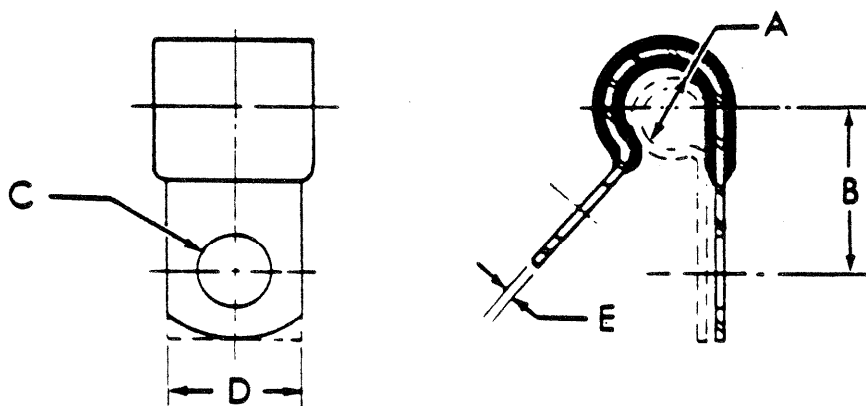
¹ Inc 28 & 19

² Inc 6, 4, 14 & 23

³ 15 - 381.0 MM



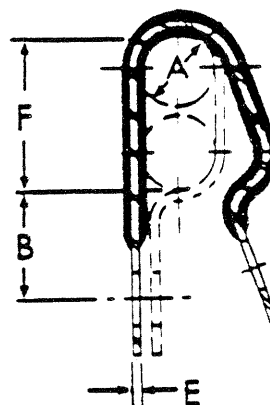
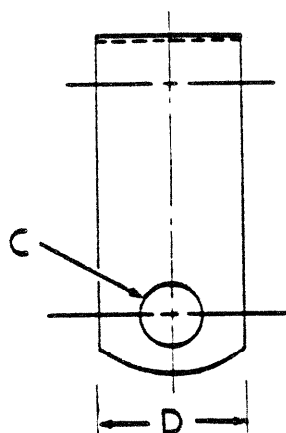
No.	Part No.	A		B		C		D		E	
1	6H-04	1/4	6.35	5/8	15.87	13/32	10.32	3/4	19.05	.032	0.81
2	6H-06	1/4	6.35	25/32	19.84	17/32	13.49	7/8	22.22	.032	0.81
3	6H-09	5/16	7.94	21/32	16.67	13/32	10.32	3/4	19.05	.032	0.81
4	6H-30	1/2	12.70	3/4	19.05	13/32	10.32	3/4	19.05	.048	1.22
5	6H-41	7/8	22.22	1-1/16	26.99	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

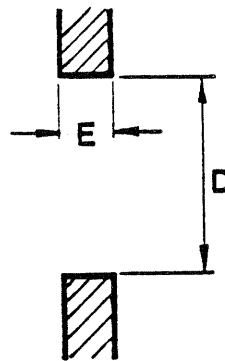
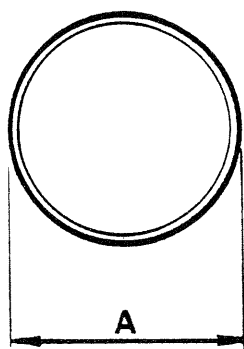
RANGER

DATA-F2-95000-0178



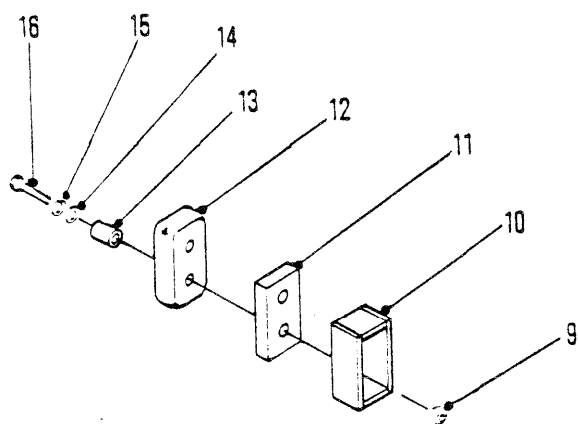
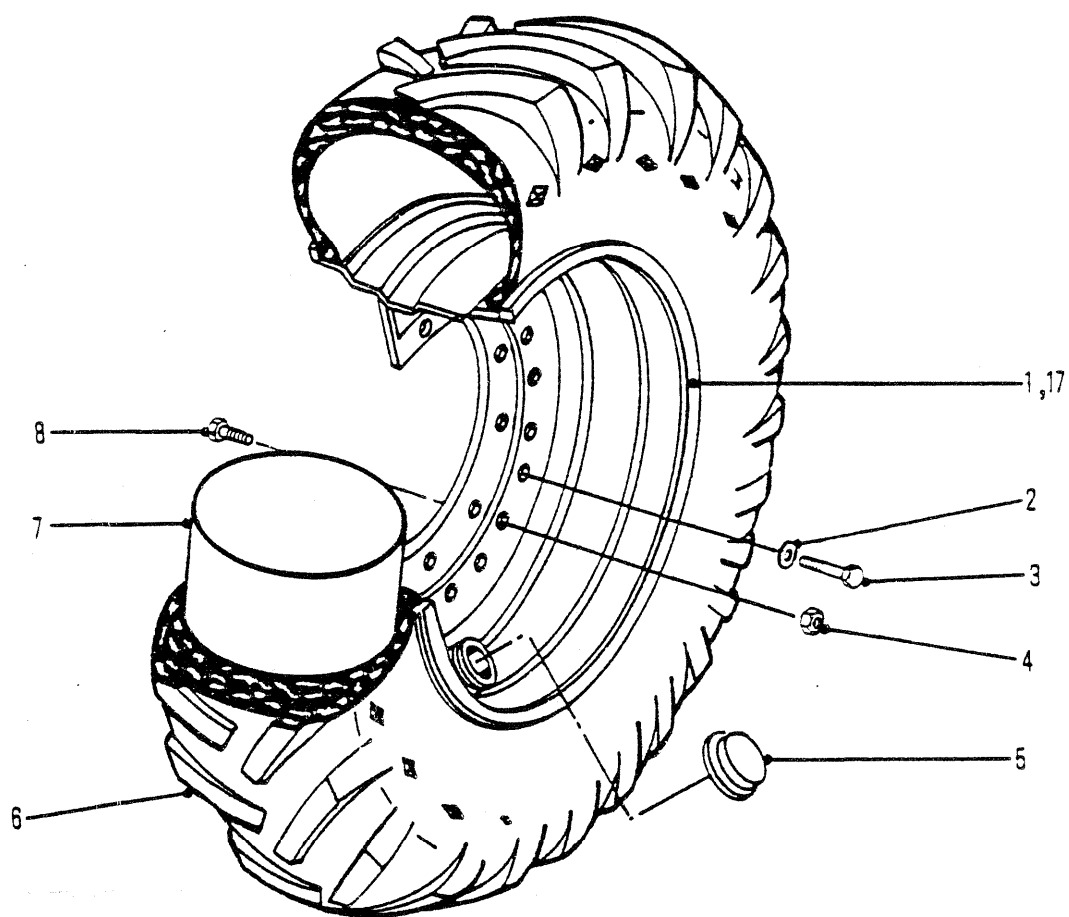
No.	Part No.		A	B		C		D		E		F	
30	31H-09	1/4	6.35	3/8	9.52	7/32	5.55	7/16	11.11	.050	1.27	1/2	12.70
31	31H-19	3/8	9.52	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	3/4	19.05
32	31H-20	3/8	9.52	19/32	15.08	15/32	11.90	7/8	22.22	.050	1.27	3/4	19.05
33	31H-31	9/16	14.29	17/32	13.49	13/32	10.32	3/4	19.05	.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

5779TP(2 OF 2)



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

RANGER



5986TP

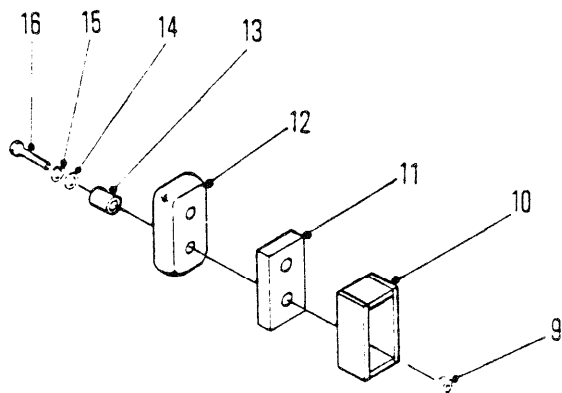
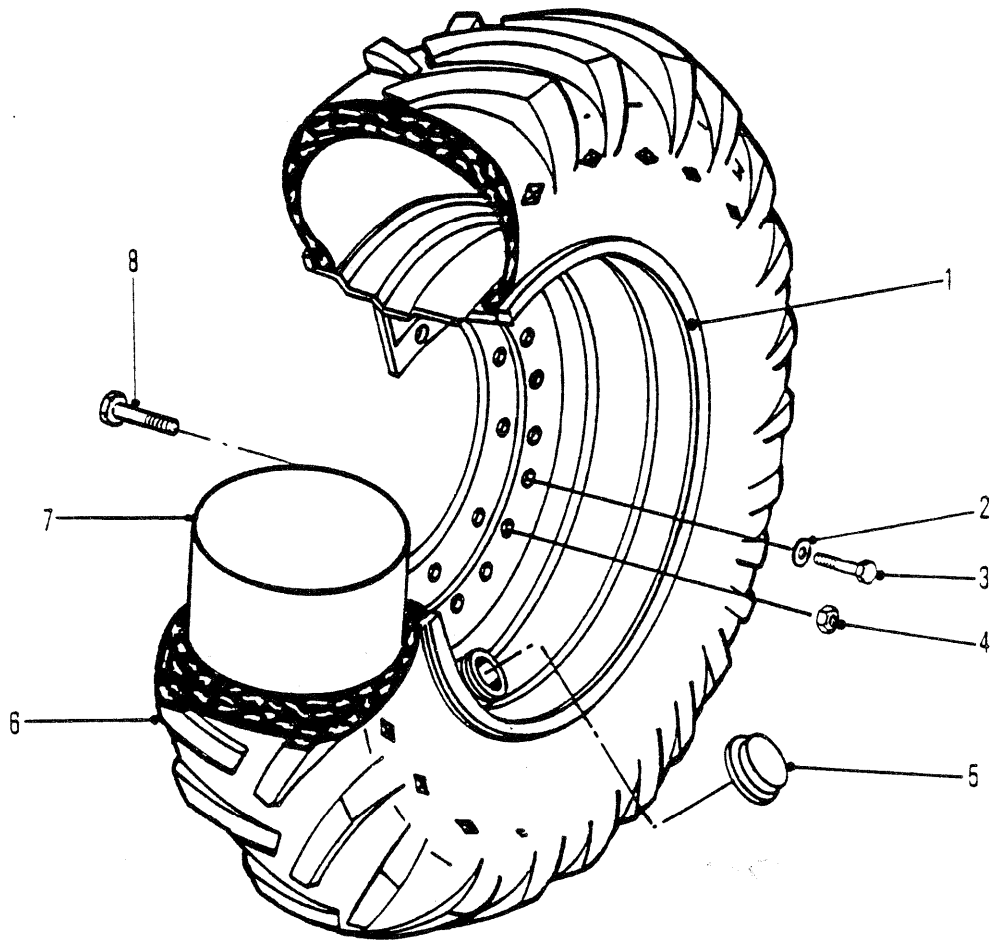
RIM ASSEMBLY - 30.5 X 32 TIRES
ASSEMBLAGE DE LA JANTE - 30.5 X 32 PNEUMATIQUE
FELGENEINHEIT - 30.5 X 32 REIFEN
CONJUNTO DE AROS - 30.5 X 32 PNEUMÁTICO
CONJUNTO ILANTA - 30.5 X 32 NEUMÁTICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909079	4	Rim	jante	Felgen	aros	llanta
2	23E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	17C001624	3	Bolt	boulon	Bolzen	parafuso	bulón
4	103522	40	Nut	écrou	Mutter	porca	tuerca
5	1914255	4	Cap	chapeau	Kappe	tampa	tapa
6	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	-	Tube	tube	Rohr	tubo	tubo
8	1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
9	-----	-	Nut	écrou	Mutter	porca	tuerca
10	-----	-	Stop	butoir	Anschlag	batente	tope
11	1906606	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	1937919	2	Steer stop	Butée d'arrêt guidage	Steueranschlag	batente de direção	limitador de dirección
13	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	664427	4	Washer	rondelle	Scheibe	arruela	arandela
15	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
17	21928393	4	Rim	jante	Felgen	aros	llanta

¹ □ 668 Cable

² □ 668 Gr

RANGER



5986TP

RIM ASSEMBLY - 28.1 X 26 TIRES

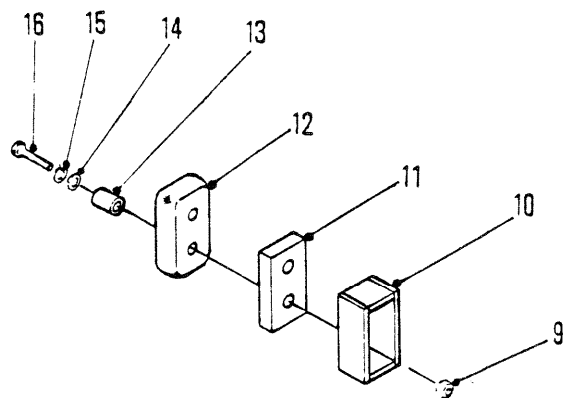
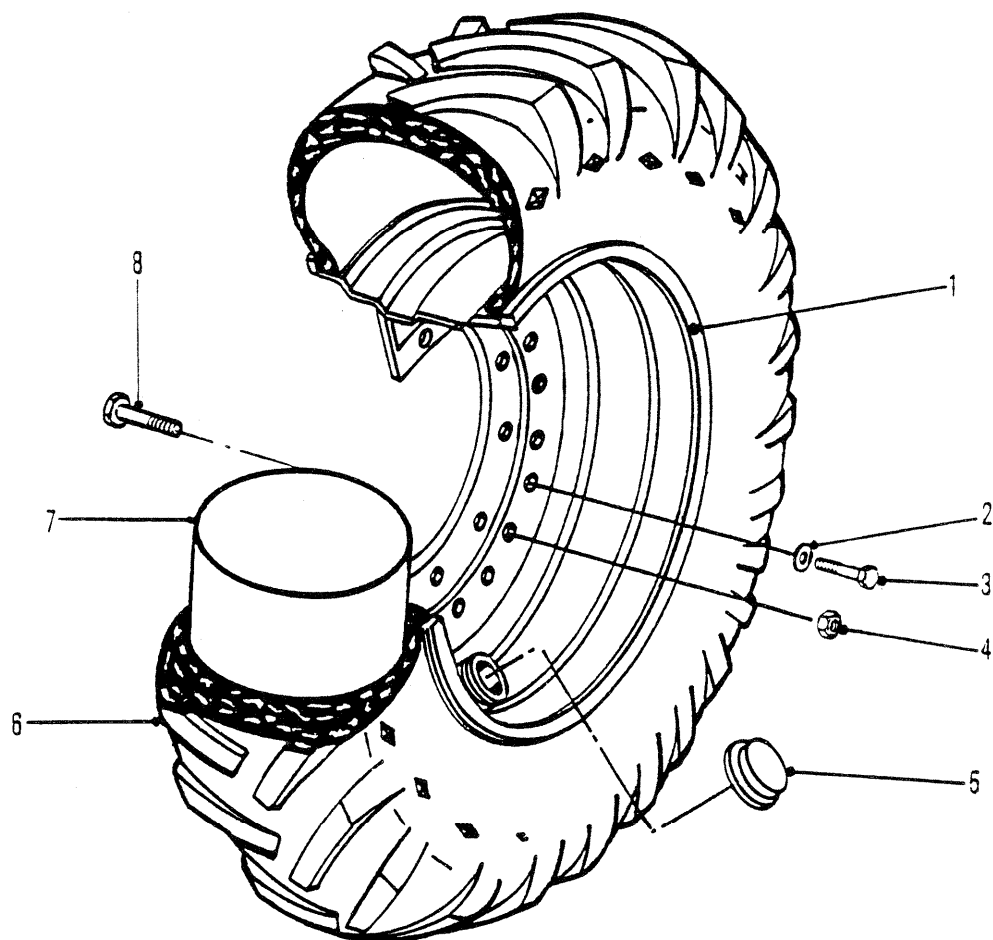
ASSEMBLAGE DE LA JANTE - 28.1 X 26 PNEUMATIQUE

FELGENEINHEIT - 28.1 X 26 REIFEN

CONJUNTO DE AROS - 28.1 X 26 PNEUMÁTICO

CONJUNTO ILANTA - 28.1 X 26 NEUMÁTICO

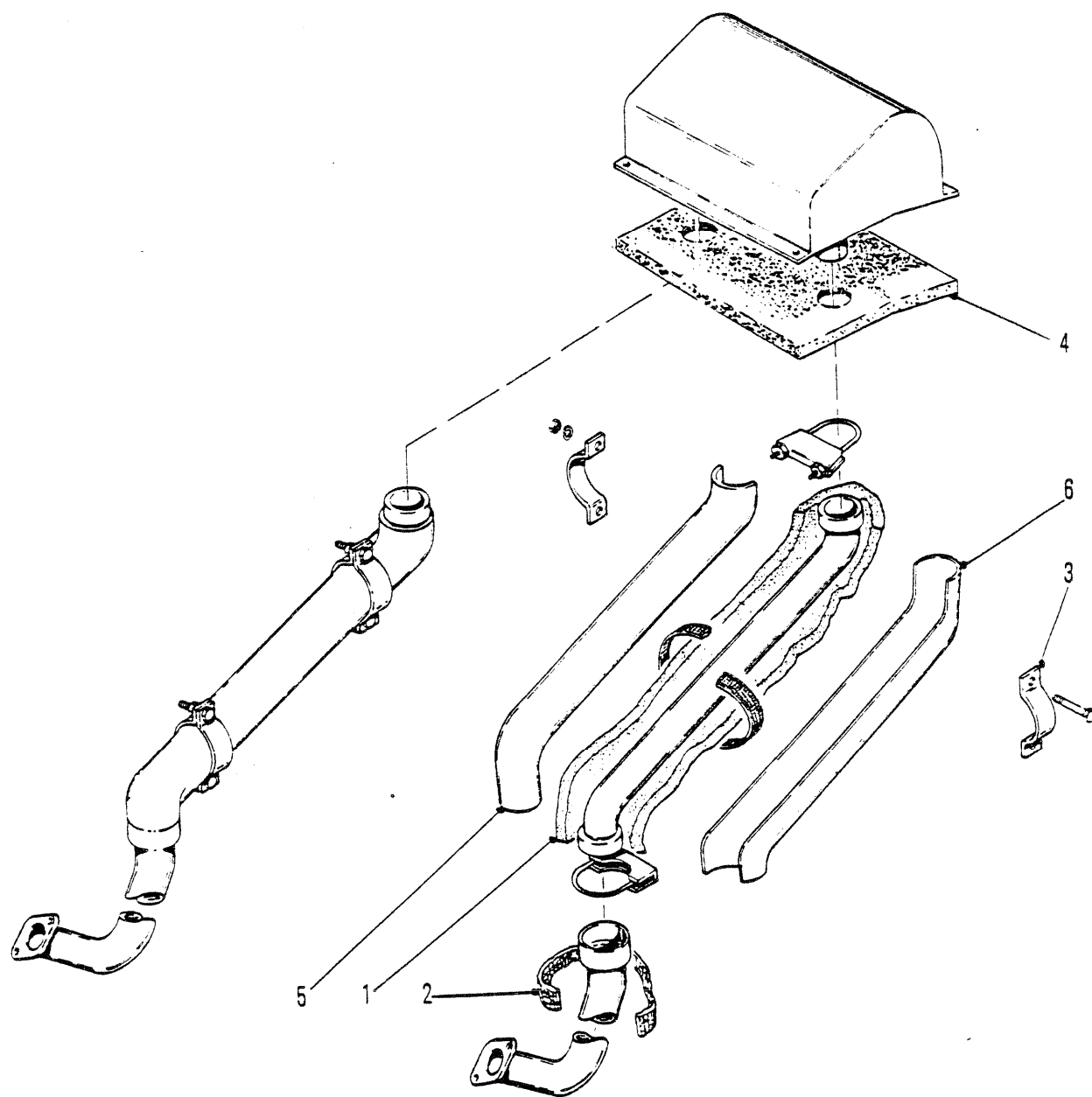
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1905373	4	Rim	jante	Felgen	aros	llanta
2	23E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	17C00816	3	Bolt	boulon	Bolzen	parafuso	bulón
4	103522	40	Nut	écrou	Mutter	porca	tuerca
5	1914255	4	Cap	chapeau	Kappe	tampa	tapa
6	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	-	Tube	tube	Rohr	tubo	tubo
8	1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
9	-----	-	Nut	écrou	Mutter	porca	tuerca
10	-----	-	Stop	butoir	Anschlag	batente	tope
11	1906606	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	1937919	2	Steer stop	Butée darrêt guidage	Steueranschlag	batente de direção	limitador de direccion
13	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	664427	4	Washer	rondelle	Scheibe	arruela	arandela
15	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón



5986TP

RIM ASSEMBLY - 24.5 X 32 TIRES
ASSEMBLAGE DE LA JANTE - 24.5 X 32 PNEUMATIQUE
FELGENEINHEIT - 24.5 X 32 REIFEN
CONJUNTO DE AROS - 24.5 X 32 PNEUMÁTICO
CONJUNTO ILANTA - 24.5 X 32 NEUMÁTICO

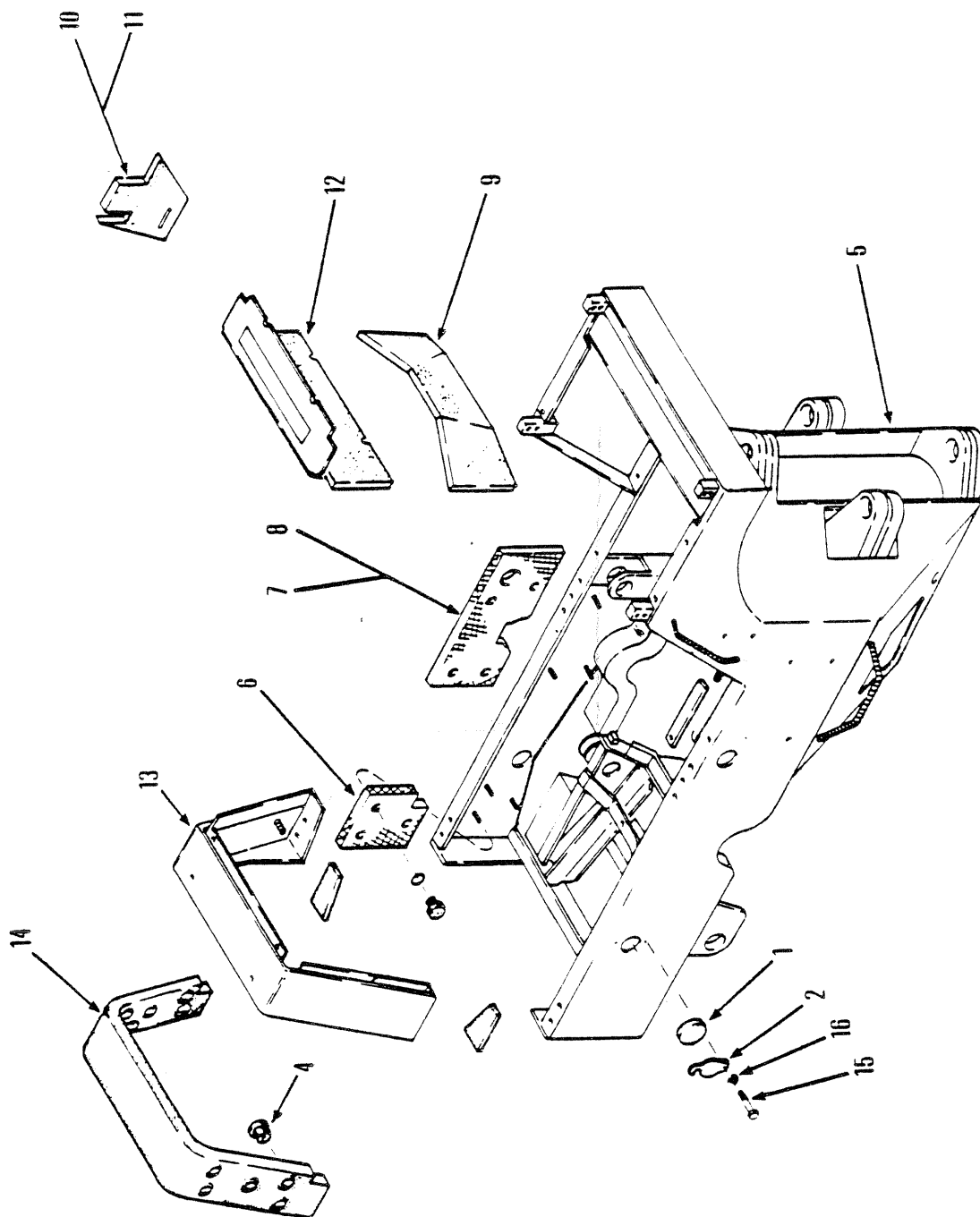
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909080	4	Rim	jante	Felgen	aros	llanta
2	23E000016	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	17C01624	3	Bolt	boulon	Bolzen	parafuso	bulón
4	103522	40	Nut	écrou	Mutter	porca	tuerca
5	1914255	4	Cap	chapeau	Kappe	tampa	tapa
6	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	-	Tube	tube	Rohr	tubo	tubo
8	1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
9	-----	-	Nut	écrou	Mutter	porca	tuerca
10	-----	-	Stop	butoir	Anschlag	batente	tope
11	1906606	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	1937919	2	Steer stop	Butée darrêt guidage	Steueranschlag	batente de direção	limitador de direccion
13	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	664427	4	Washer	rondelle	Scheibe	arruela	arandela
15	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón



5784TP

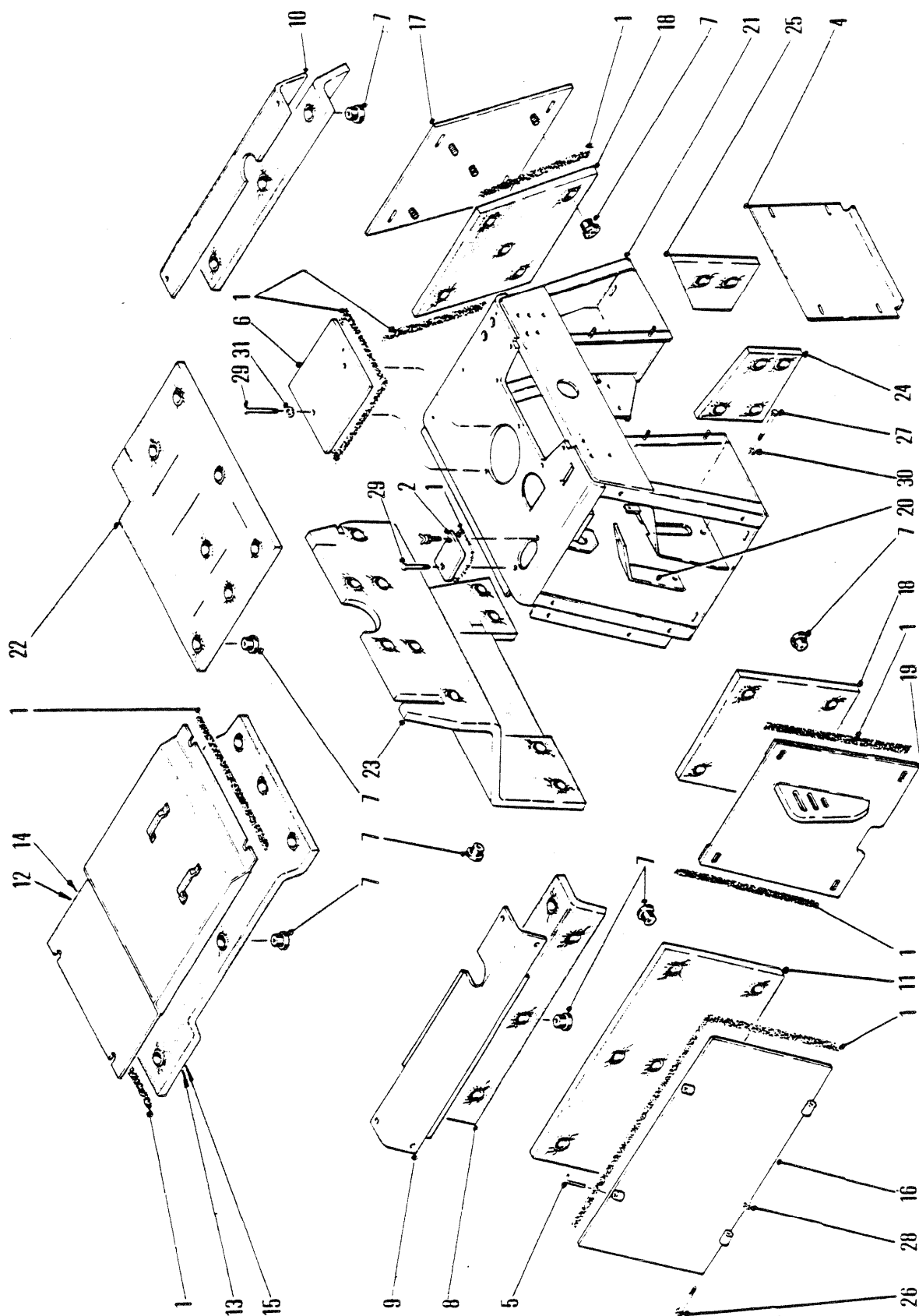
INSULATION-MUFFLER
ISOLATION-POTD'ÉCHAPPEMENT
ISOLIERUNG-SCHALLDÄMPFER
INSULAÇÃO-SILENCIADOR
 AISLAMIENTO-SILENCIADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	‡1909264	-	Insulation	isolation	Isolierung	isolamento	aislación
2	‡1909266	-	Insulation	isolation	Isolierung	isolamento	aislación
3	1914083	12	Clamp	pince	Schelle	braçadeira	abrazadera
4	1915576	1	Insulation	isolation	Isolierung	isolamento	aislación
5	1915577	1	Guard LH	protecteur CG	Schutz L	proteção LE	protector LI
6	1915578	1	Guard LH	protecteur CG	Schutz L	proteção LE	protector LI
7	‡1915694	1	Guard RH	protecteur CD	Schutz R	proteção LD	protector LD
8	‡1915695	1	Guard RH	protecteur CD	Schutz R	proteção LD	protector LD



**INSULATION-FRONT FRAME
ISOLATION-CHÂSSIS AVANT
ISOLIERUNG-VORDERRAHMEN
ISOLAÇÃO-CHASSI DIANTEIRO
AISLAMIENTTO-BASTIDOR DELANTERO**

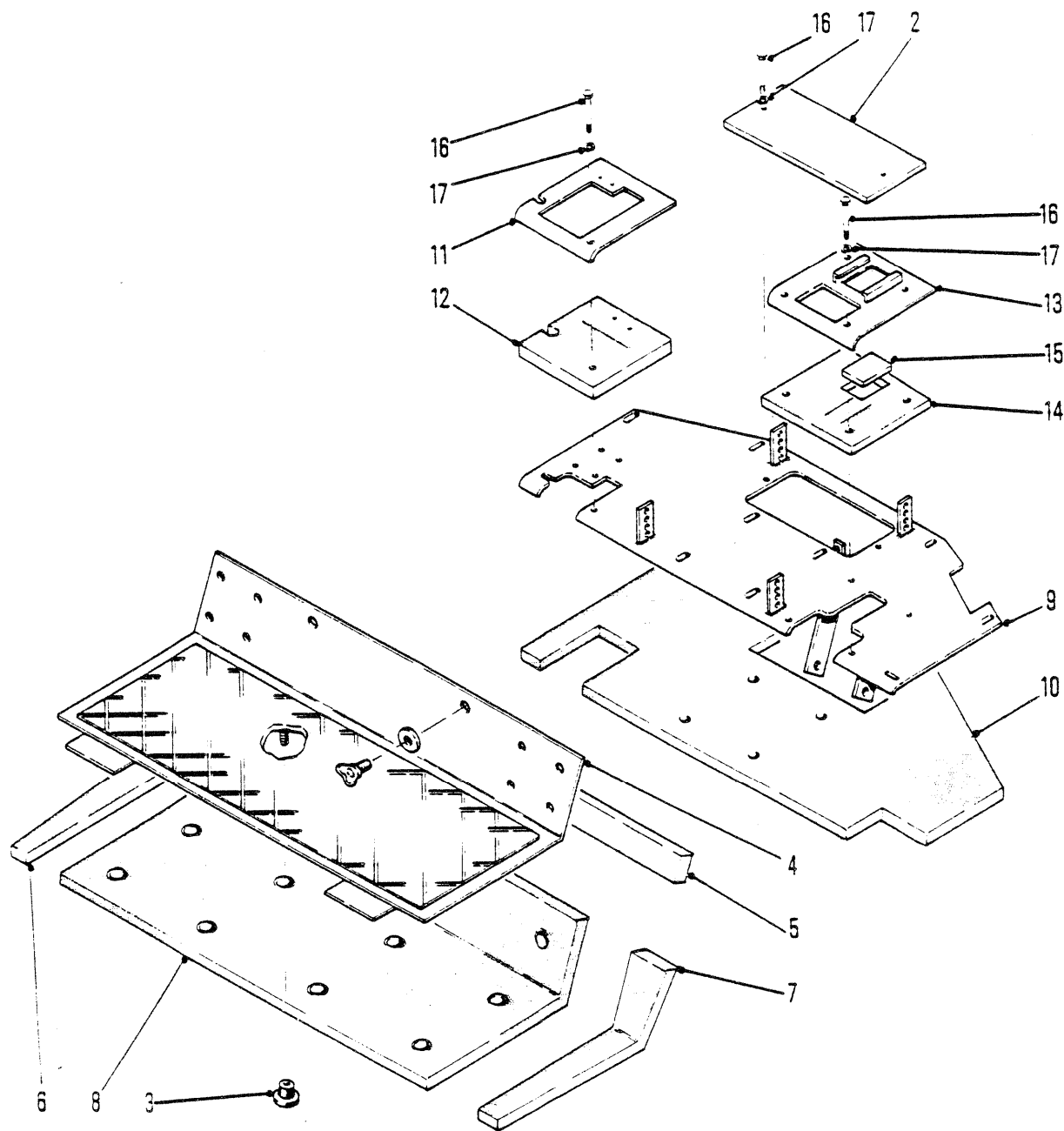
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	‡1779870	-	Bead	baguette	Wulst	rebôrdó	reborde
2	1909212	4	Cover	couvercle	Deckel	tampa	tapa
3	‡1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
4	1914284	35	Fastener	attache	Verschlu-	prendedor	abrazadera
5	1915551	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
6	1915552	2	Insulation	isolation	Isolierung	isolamento	aislación
7	1915554	1	Insulation LH	isolation CG	Isolierung L	isolamento LE	aislación LI
8	1915556	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
9	1915558	1	Insulation	isolation	Isolierung	isolamento	aislación
10	1915559	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
11	1915560	1	Insulation LH	isolation CG	Isolierung L	isolamento LE	aislación LI
12	1915574	1	Insulation	isolation	Isolierung	isolamento	aislación
13	1915610	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
14	1915611	1	Insulation	isolation	Isolierung	isolamento	aislación
15	17C000614	8	Bolt	boulon	Bolzen	parafuso	bulón
16	24E000006	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad



**INSULATION-FIREWALL
ISOLATION-PAROI ANTI-INCENDIE
ISOLIERUNG-STIRNWAND-BRANDSCHOTT
INSULAÇÃO-PAREDE GUARDAFOGO
AISLAMIENTO-PARED CONTRA FUEGO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	‡1779870	-	Bead	baguette	Wulst	rebórdo	reborde
2	1905750	2	Cover	couvercle	Deckel	tampa	tapa
3	‡1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
4	1914002	1	Cover	couvercle	Deckel	tampa	tapa
5	1914040	4	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
6	1914055	1	Cover plate	couvre-joint	Deckelplatte	prato cobertura	cubreplaca
7	1914284	67	Fastener	attache	Verschlu-	prendedor	abrazadera
8	1915580	2	Insulation	isolation	Isolierung	isolamento	aislación
9	1915582	1	Side rail LH	rail du côté G	Seitingeländer L	trilho lateral LE	riel lateral LI
10	1915584	1	Side Rail RH	rail du côté D	Seitingeländer R	trilho lateral LD	riel lateral LD
11	1915617	2	Insulation	isolation	Isolierung	isolamento	aislación
12	1915641	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
13	1915643	1	Insulation	isolation	Isolierung	isolamento	aislación
14	1915645	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
15	1915646	1	Insulation	isolation	Isolierung	isolamento	aislación
16	1915651	2	Side panel	panneau latéral	Seitenblech	painel lateral	panel lateral
17	1915669	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
18	1915670	2	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
19	1915673	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
20	1915676	1	Cover plate assy	ens couvre joint	Deckelplatte vollst	conj prato cobertura	conj cubreplaca
21	1915677	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
22	1915678	1	Insulation	isolation	Isolierung	isolamento	aislación
23	1915680	1	Insulation	isolation	Isolierung	isolamento	aislación
24	1915682	1	Insulation	isolation	Isolierung	isolamento	aislación
25	1915684	1	Insulation	isolation	Isolierung	isolamento	aislación
26	17C000408	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C010104	4	Bolt	boulon	Bolzen	parafuso	bulón
28	17D000009	4	Nut	écrou	Mutter	porca	tuerca
29	18C000614	4	Bolt	boulon	Bolzen	parafuso	bulón
30	24E000004	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
31	24E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

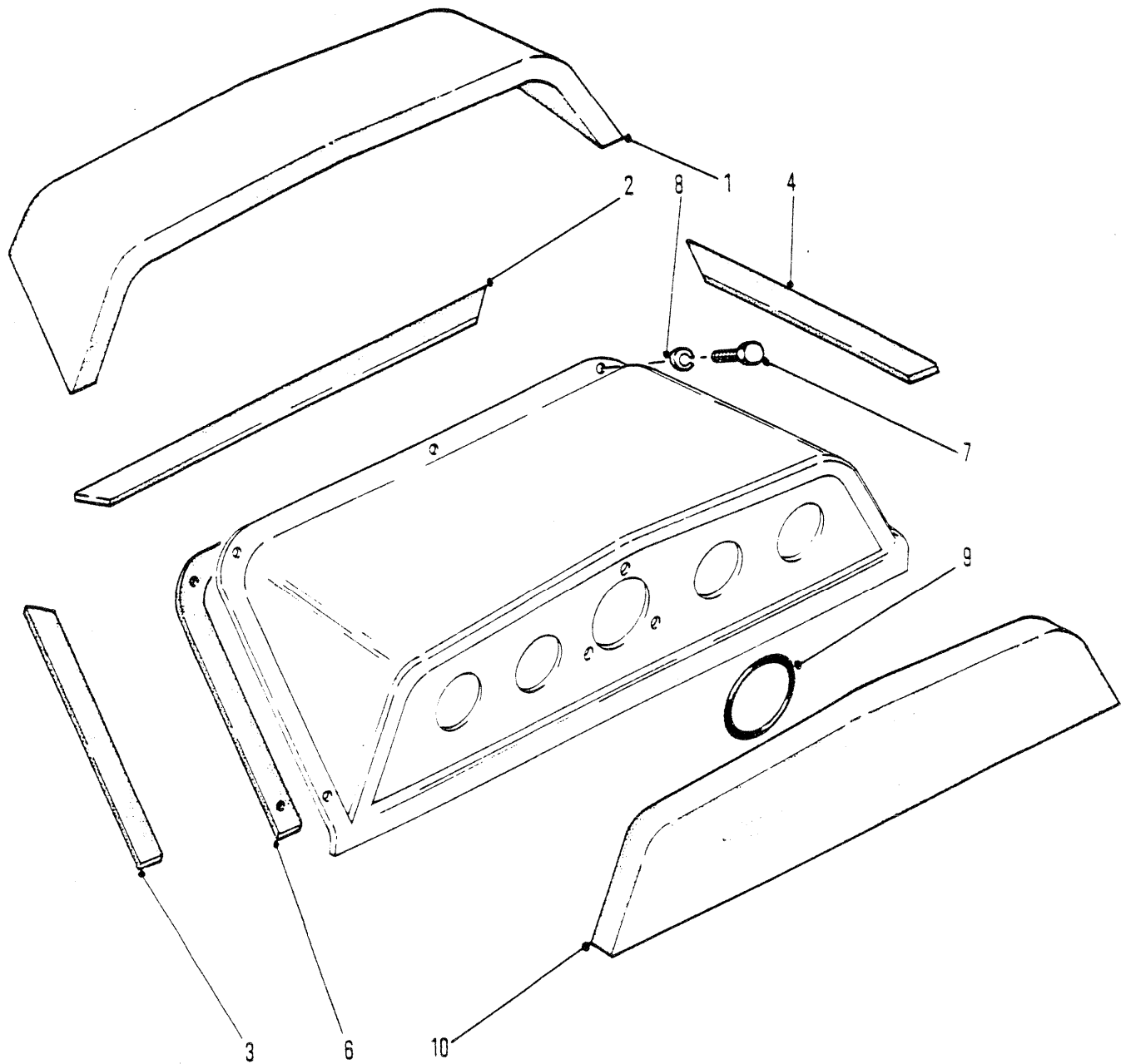
1 GM



5796TP

**INSULATION-FLOORBOARD
ISOLATION-PLAQUE DE PLANCHER
ISOLIERUNG-BODENPLATTE
ISOLAMENTO-PISO
AISLAMIENTO-PISO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
2	1914016	1	Cover	couvercle	Deckel	tampa	tapa
3	1914284	23	Fastener	attache	Verschlu-	prendedor	abrazadera
4	1915589	1	Plate	plaque	Platte	placa	placa
5	1915590	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	1915591	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	1915592	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	1915593	1	Insulation assy	ens isolation	Isolierung vollst	conj isolamento	conj aislación
9	1915599	1	Plate	plaque	Platte	placa	placa
10	1915600	1	Insulation	isolation	Isolierung	isolamento	aislación
11	1915601	1	Retainer	arrêtoir	Halterung	retentor	retén
12	1915602	1	Insulation	isolation	Isolierung	isolamento	aislación
13	1915603	1	Retainer	arrêtoir	Halterung	retentor	retén
14	1915606	1	Insulation	isolation	Isolierung	isolamento	aislación
15	1915607	1	Cover	couvercle	Deckel	tampa	tapa
16	17C000412	7	Bolt	boulon	Bolzen	parafuso	bulón
17	24E000004	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

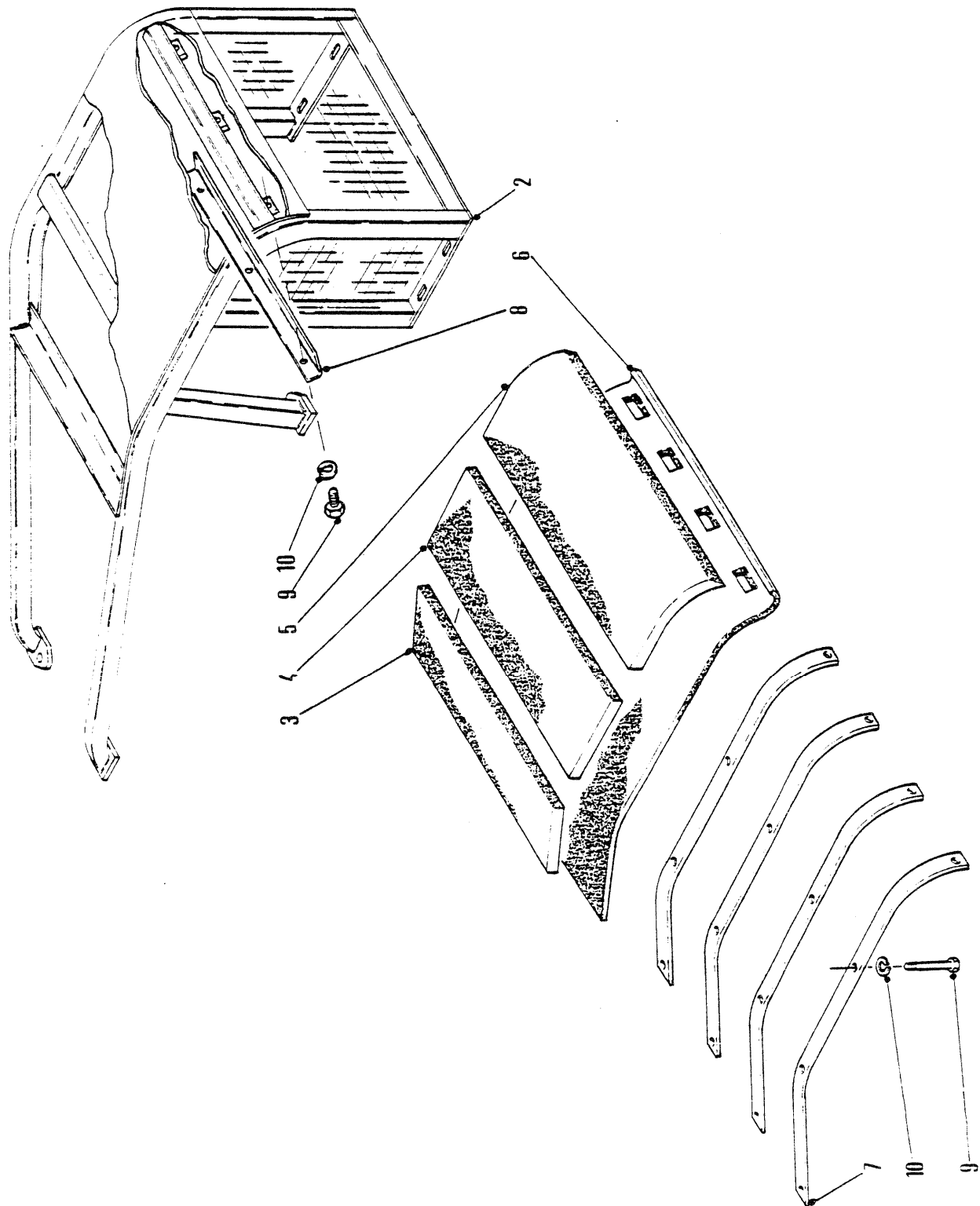


5798TP

INSULATION-INSTRUMENT PANEL ☒
ISOLATION-TABLEAU DE BORD ☒
ISOLIERUNG-INSTRUMENTENBRETT ☒
ISOLAMENTO-PAINEL DE INSTRUMENTOS ☒
AISLACIÓN-PANEL DE INSTRUMENTOS ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909247	1	Insulation	isolation	Isolierung	isolamento	aislación
2	1909248	1	Insulation	isolation	Isolierung	isolamento	aislación
3	1909249	1	Insulation LH	isolation CG	Isolierung L	isolamento LE	aislación LI
4	1909250	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
5	1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
6	1915077	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	17C000420	5	Bolt	boulon	Bolzen	parafuso	bulón
8	24E000004	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	25K040200	4	O-ring	joint torique	O Ring	anel-O	anillo-O
10	1909246	1	Insulation	isolation	Isolierung	isolamento	aislación

1 664,666



INSULATION-CANOPY
ISOLATION-DAIS
ISOLIERUNG-KLAPPVERDECK
INSULAÇÃO-DOSEL
 AISLAMIENTO-DOSEL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
2	1915496	1	Canopy	dais	Schutzdach	dosel	dosel
3	1915497	1	Insulation	isolation	Isolierung	isolamento	aislación
4	1915498	1	Insulation	isolation	Isolierung	isolamento	aislación
5	1915499	1	Insulation	isolation	Isolierung	isolamento	aislación
6	1915500	1	Insulation	isolation	Isolierung	isolamento	aislación
7	1915501	4	Strap	bande	Band	faixa	banda
8	1915502	1	Support	support	Abstützung	suporte	soporte
9	18C000610	12	Bolt	boulon	Bolzen	parafuso	bulón
10	24E000006	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

FAN BELT CHART

DATA-J1 10000-0183

668B

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

*Matched-set of two (2) belts

ALTERNATOR DRIVE BELT CHART

DATA-J1 20000-0183

668B

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

RANGER

ENGINE FILTERS - DETROIT DIESEL

SPIN-ON

DATA-J1 50000-0183

668B

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

ENGINE FILTERS - CUMMINS

SPIN-ON

DATA-J1 50000-0183

668B

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

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101196	A 4 15400	1 E 2	119853	A 4 20400	1 E 7
	A 4 15410	1 E 4	119889	A 4 10400	1 D 22
	A 4 25450	1 E 10		A 4 20400	1 E 7
101204	A 4 15400	1 E 2	119931	A 4 10400	1 D 22
101217	A 4 25450	1 E 11		A 4 20400	1 E 7
101222	A 4 25450	1 E 11	120707	A 4 10400	1 D 22
101223	A 4 15400	1 E 2		A 4 20400	1 E 7
	A 4 15410	1 E 4	121236	A 4 15410	1 E 4
	A 4 25450	1 E 11		A 4 25450	1 E 10
101224	A 4 15400	1 E 2	121237	A 4 15400	1 E 2
	A 4 15410	1 E 4	121241	A 4 15410	1 E 4
102745	A 3 30100	1 C 6		A 4 25450	1 E 11
	A 6 24300	1 G 16	121245	A 4 25450	1 E 10
	A 6 24400	1 G 22	121632	A 4 30300	1 E 16
103522	F 2 97300	2 D 18	121633	A 4 30300	1 E 16
	F 2 97350	2 D 20	122701	A 4 10400	1 D 22
	F 2 97400	2 D 22		A 4 20400	1 E 7
104412	A 4 10400	1 D 22	122976	A 4 10400	1 D 22
	A 4 15400	1 E 2		A 4 20400	1 E 7
	A 4 20400	1 E 7	123748	A 4 15400	1 E 2
106206	A 4 15400	1 E 2		A 4 15410	1 E 4
106355	A 4 30300	1 E 16		A 4 25450	1 E 10
106357	A 4 30300	1 E 16	123831	A 4 15400	1 E 2
106358	A 3 34150	1 D 10		A 4 15410	1 E 4
	A 4 30300	1 E 16		A 4 25450	1 E 10
106359	A 4 30300	1 E 16	123891	A 4 10400	1 D 22
106457	A 4 10400	1 D 22		A 4 20400	1 E 7
	A 4 20400	1 E 7	123947	A 4 20400	1 E 7
106547	A 3 30300	1 C 12	124116	B 1 10130	1 J 6
	A 4 10400	1 D 22	124601	A 4 10400	1 D 22
	A 4 20400	1 E 7		A 4 20400	1 E 7
106998	A 4 20400	1 E 7	125248	A 4 20400	1 E 7
107477	A 4 15400	1 E 2	125578	A 4 15400	1 E 2
	A 4 15410	1 E 4		A 4 15410	1 E 4
	A 4 25450	1 E 10		A 4 25450	1 E 10
107482	A 4 15400	1 E 2	125579	A 4 15400	1 E 2
	A 4 15410	1 E 4		A 4 15410	1 E 4
	A 4 25450	1 E 11		A 4 25450	1 E 10
108871	A 4 15400	1 E 2	125602	A 4 10400	1 D 22
	A 4 15410	1 E 4	125769	A 4 20400	1 E 7
	A 4 25450	1 E 11	126468	A 4 15400	1 E 2
110559	A 4 10400	1 D 22		A 4 15410	1 E 4
	A 4 20400	1 E 7		A 4 25450	1 E 10
112278	A 4 10400	1 D 22	126625	A 4 15410	1 E 4
	A 4 20400	1 E 7	126949	A 4 15410	1 E 4
112292	A 4 15400	1 E 2		A 4 25450	1 E 10
	A 4 15410	1 E 4	127566	A 4 15410	1 E 4
	A 4 25450	1 E 10		A 4 25450	1 E 10
112295	A 4 10400	1 D 22	127819	A 4 10400	1 D 22
	A 4 20400	1 E 7		A 4 20400	1 E 7
112587	A 4 10400	1 D 22	128401	A 4 15400	1 E 2
	A 4 20400	1 E 7		A 4 15410	1 E 4
113292	A 4 10400	1 D 22		A 4 25450	1 E 10
	A 4 20400	1 E 7	128622	A 4 25450	1 E 10
113929	A 4 10400	1 D 22	128623	A 4 15410	1 E 4
	A 4 20400	1 E 7	128624	A 4 15400	1 E 2
114351	A 4 15400	1 E 2	141675	A 9 16050	1 I 15
	A 4 15410	1 E 4	142062	A 9 16050	1 I 15
	A 4 25450	1 E 10	192619	A 4 10400	1 D 22
116584	A 4 30300	1 E 16	192620	A 4 10400	1 D 22
117105	A 4 15400	1 E 2	192621	A 4 20400	1 E 7
117225	A 4 10400	1 D 22	200991	A 3 30100	1 C 7
	A 4 20400	1 E 7	201413	A 6 23150	1 G 6
117448	A 4 10400	1 D 22		A 6 23250	1 G 11
	A 4 20400	1 E 7	201497	A 9 20350	1 I 19
117693	A 4 15410	1 E 4	201607	A 3 30300	1 C 12
118478	A 4 15400	1 E 2	201951	A 2 14000	1 B 22
118786	A 4 10400	1 D 22	202076	A 6 24300	1 G 16
	A 4 20400	1 E 7		A 6 24400	1 G 24
119209	A 4 20400	1 E 7	202200	A 6 14000	1 G 2
119211	A 4 20400	1 E 7	203253	A 6 24300	1 G 16
119213	A 4 20400	1 E 7		A 6 24400	1 G 24
119469	A 4 10400	1 D 22	205928	A 7 50150	1 H 18
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	A 3 30100	1 C 7	218777	A 6 23150	1 G 7
207647	A 2 14000	1 B 22		A 6 23250	1 G 12
	A 9 10150	1 I 2	219370	A 3 30100	1 C 6
207873	A 2 14000	1 B 23	219373	A 3 30100	1 C 6
	A 6 23150	1 G 6	220079	A 3 30550	1 C 17
	A 6 23250	1 G 11	220725	A 2 14000	1 B 23
207878	A 6 23150	1 G 7		A 6 23150	1 G 7
	A 6 23250	1 G 12		A 6 23250	1 G 12
209313	A 2 14000	1 B 23	220983	A 2 25050	1 C 2
209915	F 2 92150	2 D 8	221408	A 6 24300	1 G 16
211433	A 7 50150	1 H 18		A 6 24400	1 G 24
211853	A 6 24300	1 G 17	222006	A 2 14000	1 B 23
	A 6 24400	1 G 24	222031	A 6 23150	1 G 7
214118	A 3 30100	1 C 7		A 6 23250	1 G 12
214295	A 3 30100	1 C 7	222041	A 6 14000	1 G 2
214596	A 2 14000	1 B 23	222067	A 3 30100	1 C 6
214730	A 2 14000	1 B 22		A 6 24300	1 G 17
214924	A 2 14000	1 B 23		A 6 24400	1 G 22
214925	A 2 14000	1 B 23	222079	A 2 14000	1 B 22
214928	A 2 14000	1 B 22	222179	A 3 30100	1 C 7
214929	A 2 14000	1 B 22		A 7 50150	1 H 18
214930	A 2 14000	1 B 22	222312	A 2 25050	1 C 2
214931	A 2 14000	1 B 22	222318	A 2 25050	1 C 2
214936	A 2 14000	1 B 22	222418	A 6 23150	1 G 6
214943	A 2 25050	1 C 2		A 6 23250	1 G 11
214946	A 2 25050	1 C 2	222960	A 3 30100	1 C 7
214949	A 2 25050	1 C 2	223084	A 6 23150	1 G 6
214951	A 2 14000	1 B 22		A 6 23250	1 G 11
214953	A 2 14000	1 B 23	223124	A 2 14000	1 B 23
214954	A 2 14000	1 B 22	223125	A 2 14000	1 B 23
214956	A 2 14000	1 B 22	223222	A 6 24300	1 G 17
214958	A 2 14000	1 B 23		A 6 24400	1 G 23
214961	A 2 14000	1 B 22	223349	A 3 30550	1 C 17
214962	A 9 10150	1 I 2	223862	A 3 30100	1 C 7
214979	A 2 14000	1 B 22	223874	A 3 30550	1 C 17
214981	A 2 14000	1 B 22	223877	A 6 24300	1 G 16
214983	A 2 14000	1 B 22		A 6 24400	1 G 22
214984	A 2 14000	1 B 23	223881	A 3 30300	1 C 12
214987	A 2 14000	1 B 22		A 3 30550	1 C 17
214988	A 2 14000	1 B 23	223887	A 3 30550	1 C 17
215183	A 3 30550	1 C 17	223901	A 3 30100	1 C 6
	A 6 24300	1 G 18		A 6 24300	1 G 16
	A 6 24400	1 G 22		A 6 24400	1 G 24
215190	A 3 31000	1 C 21	223925	A 3 30100	1 C 6
	A 3 32000	1 D 2	223964	A 3 30550	1 C 17
	A 3 33000	1 D 6	223989	A 6 23150	1 G 6
	A 6 24300	1 G 16		A 6 23250	1 G 11
	A 6 24400	1 G 22	224009	A 2 14000	1 B 22
215196	A 3 34150	1 D 10	224023	A 4 10400	1 D 22
215197	A 3 34150	1 D 10		A 4 20400	1 E 7
215199	A 3 34150	1 D 10	224026	A 3 30100	1 C 6
215200	A 3 34150	1 D 10		A 6 24300	1 G 16
215502	A 8 10175	1 H 22		A 6 24400	1 G 24
	J 1 50000	2 F 5	224039	A 2 14000	1 B 22
215757	A 3 30100	1 C 8	224065	A 3 30100	1 C 7
	A 7 50150	1 H 18	224083	A 3 30100	1 C 7
215909	A 2 14000	1 B 23		A 3 30550	1 C 17
216058	A 3 30100	1 C 6		A 6 24300	1 G 16
	A 6 24300	1 G 16		A 6 24400	1 G 22
	A 6 24400	1 G 22	224106	A 3 30550	1 C 17
216267	A 6 14000	1 G 2	224315	A 3 34150	1 D 10
216268	A 6 24400	1 G 24	224368	A 2 25050	1 C 2
216362	A 2 14000	1 B 23	224369	A 2 25050	1 C 2
216938	A 6 24300	1 G 16	224771	A 3 31000	1 C 21
	A 6 24400	1 G 24		A 3 32000	1 D 2
217420	A 6 24300	1 G 18		A 3 33000	1 D 6
	A 6 24400	1 G 24		A 6 24300	1 G 16
217509	A 3 30300	1 C 12		A 6 24400	1 G 22
217566	A 7 50150	1 H 18	224772	A 3 31000	1 C 21
217567	A 7 50150	1 H 18		A 3 32000	1 D 2
217568	A 7 50150	1 H 18		A 3 33000	1 D 6
217657	A 3 34150	1 D 10		A 6 24300	1 G 16
	A 6 14000	1 G 2		A 6 24400	1 G 24
217693	A 6 23150	1 G 7	224774	A 3 31000	1 C 21

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	A 3 33000	1 D 6	231229	A 3 30550	1 C 17
	A 6 24300	1 G 18	231230	A 3 30100	1 C 7
	A 6 24400	1 G 24	231231	A 6 23150	1 G 6
225313	A 6 23150	1 G 6		A 6 23250	1 G 11
	A 6 23250	1 G 11	231258	A 6 14000	1 G 2
225601	A 3 30100	1 C 6	231274	A 6 24300	1 G 17
225603	A 3 30100	1 C 6		A 6 24400	1 G 23
	A 3 30550	1 C 17	231275	A 6 24300	1 G 17
225793	A 6 23150	1 G 7		A 6 24400	1 G 23
	A 6 23250	1 G 12	231276	A 6 24300	1 G 17
225800	A 6 23150	1 G 7		A 6 24400	1 G 23
	A 6 23250	1 G 12	231278	A 6 24300	1 G 17
225823	A 3 30100	1 C 7		A 6 24400	1 G 22
	A 7 50150	1 H 18	231279	A 6 24300	1 G 17
225844	A 6 24300	1 G 17		A 6 24400	1 G 22
	A 6 24400	1 G 23	231283	A 6 24300	1 G 17
225856	A 3 34150	1 D 10		A 6 24400	1 G 22
225956	A 6 24300	1 G 16	231284	A 6 24300	1 G 17
	A 6 24400	1 G 24		A 6 24400	1 G 23
226862	A 6 24300	1 G 16	231285	A 6 24300	1 G 17
	A 6 24400	1 G 24		A 6 24400	1 G 23
227495	A 3 30300	1 C 12	231290	A 6 23150	1 G 7
227874	A 3 34150	1 D 10		A 6 23250	1 G 12
227881	A 3 30300	1 C 12	231292	A 6 23150	1 G 7
228931	A 3 34150	1 D 10		A 6 23250	1 G 12
230067	A 6 23150	1 G 7	231293	A 6 23150	1 G 7
	A 6 23250	1 G 12		A 6 23250	1 G 12
230529	A 7 50150	1 H 18	231294	A 6 23150	1 G 7
230690	A 7 50150	1 H 18		A 6 23250	1 G 12
230822	A 3 30550	1 C 17	231303	A 6 23150	1 G 6
	A 6 24300	1 G 16		A 6 23250	1 G 11
	A 6 24400	1 G 22	231308	A 6 23150	1 G 6
230829	A 3 30550	1 C 17		A 6 23250	1 G 11
	A 6 24300	1 G 18	231312	A 6 14000	1 G 2
	A 6 24400	1 G 22	231313	A 6 14000	1 G 2
230851	A 3 30100	1 C 6	231314	A 6 14000	1 G 2
	A 6 24300	1 G 16	231315	A 6 14000	1 G 2
	A 6 24400	1 G 23	231319	A 6 14000	1 G 2
230857	A 3 31000	1 C 21	231320	A 6 14000	1 G 2
	A 3 32000	1 D 2	231321	A 6 14000	1 G 2
	A 3 33000	1 D 6	231322	A 6 14000	1 G 2
	A 6 24300	1 G 16	231332	A 6 23150	1 G 6
	A 6 24400	1 G 22		A 6 23250	1 G 11
230860	A 3 30550	1 C 17	231333	A 6 23150	1 G 6
230871	A 3 30550	1 C 17		A 6 23250	1 G 11
230885	A 3 30550	1 C 17	231336	A 6 23150	1 G 6
230886	A 3 30550	1 C 17		A 6 23250	1 G 11
230888	A 3 30550	1 C 17	231338	A 6 23150	1 G 6
230889	A 3 30550	1 C 17		A 6 23250	1 G 11
230900	A 3 30100	1 C 7	231386	A 6 14000	1 G 2
230906	A 3 30550	1 C 17	231387	A 6 14000	1 G 2
230911	A 3 33000	1 D 6	231389	A 6 14000	1 G 2
	A 6 24300	1 G 16	231390	A 3 30100	1 C 7
	A 6 24400	1 G 24	231399	A 6 23150	1 G 7
230921	A 3 30100	1 C 7		A 6 23250	1 G 12
230952	A 3 30300	1 C 12	231405	A 3 30100	1 C 8
230954	A 3 30100	1 C 7	231406	A 3 30100	1 C 8
230957	A 3 30550	1 C 17	231553	A 3 30100	1 C 6
230965	A 6 14000	1 G 2		A 6 24300	1 G 16
230968	A 3 30550	1 C 17		A 6 24400	1 G 22
231017	A 6 23150	1 G 6	231606	A 3 30100	1 C 7
	A 6 23250	1 G 11	231611	A 3 30100	1 C 7
231034	A 3 30300	1 C 12	231624	A 3 30100	1 C 6
231055	A 3 30300	1 C 12	231628	A 3 30100	1 C 6
231058	A 3 30100	1 C 6	231629	A 3 30100	1 C 6
231059	A 6 24400	1 G 24	231630	A 3 30100	1 C 6
231146	A 3 34150	1 D 10	231632	A 3 30550	1 C 17
231155	A 3 34150	1 D 10	231633	A 3 30100	1 C 6
231158	A 3 34150	1 D 10	231635	A 3 30100	1 C 6
231164	A 3 34150	1 D 10	231636	A 3 30100	1 C 6
231176	A 3 30550	1 C 17	231639	A 3 30300	1 C 12
231193	A 3 30550	1 C 17	231646	A 3 30300	1 C 12
231194	A 3 33000	1 D 6	231647	A 3 30550	1 C 17
231200	A 6 11150	1 F 20	231692	A 3 30300	1 C 12

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231695	A 3 30100	1 C 8		A 6 24400	1 G 23
231699	A 3 30300	1 C 12	232356	A 6 24300	1 G 17
231701	A 3 30300	1 C 12		A 6 24400	1 G 23
231703	A 3 30300	1 C 13	232357	A 6 24300	1 G 18
231704	A 3 30300	1 C 12		A 6 24400	1 G 24
231705	A 3 30300	1 C 12	232362	A 6 24300	1 G 17
231708	A 3 30300	1 C 12		A 6 24400	1 G 23
231709	A 3 30300	1 C 12	232363	A 6 24300	1 G 17
231741	A 3 30300	1 C 12		A 6 24400	1 G 22
231743	A 6 24300	1 G 16	232365	A 6 24300	1 G 17
	A 6 24400	1 G 22		A 6 24400	1 G 23
231744	A 6 24300	1 G 17	232366	A 6 24300	1 G 17
	A 6 24400	1 G 22		A 6 24400	1 G 23
231749	A 3 30100	1 C 7	232367	A 6 24300	1 G 17
	A 7 50150	1 H 18		A 6 24400	1 G 23
231751	A 3 30300	1 C 13	232368	A 6 23150	1 G 7
231752	A 3 30300	1 C 12		A 6 23250	1 G 12
231782	A 3 30100	1 C 6	232369	A 6 23150	1 G 6
231798	A 3 30100	1 C 6		A 6 23250	1 G 11
231811	A 6 23150	1 G 6	232370	A 6 23150	1 G 6
	A 6 23250	1 G 11		A 6 23250	1 G 11
231817	A 3 30100	1 C 7	232394	A 3 30300	1 C 12
231818	A 3 30100	1 C 8	232535	A 2 14000	1 B 23
231839	A 3 34150	1 D 10	232559	A 6 24300	1 G 16
231840	A 3 34150	1 D 10		A 6 24400	1 G 24
231842	A 6 23150	1 G 7	232574	A 6 23150	1 G 6
	A 6 23250	1 G 12		A 6 23250	1 G 11
231843	A 6 23150	1 G 6	232628	A 6 23150	1 G 7
	A 6 23250	1 G 11		A 6 23250	1 G 11
231848	A 3 30100	1 C 8	232635	A 6 23250	1 G 11
231849	A 3 30100	1 C 8	232715	A 6 24300	1 G 17
231850	A 3 30100	1 C 8		A 6 24400	1 G 24
231851	A 3 30100	1 C 8	232792	A 3 34150	1 D 10
231894	A 7 50150	1 H 18	232901	A 6 23150	1 G 6
232081	A 3 30550	1 C 17		A 6 23250	1 G 11
232088	A 3 30550	1 C 17	232903	A 6 23150	1 G 6
232089	A 3 30550	1 C 17		A 6 23250	1 G 11
	A 6 24300	1 G 16	232904	A 6 23150	1 G 6
	A 6 24400	1 G 22		A 6 23250	1 G 11
232141	A 6 24300	1 G 18	232943	A 6 23150	1 G 6
	A 6 24400	1 G 22		A 6 23250	1 G 11
232157	A 6 24300	1 G 18	232944	A 6 23150	1 G 6
	A 6 24400	1 G 24		A 6 23250	1 G 11
232158	A 6 24300	1 G 17	232947	A 6 23150	1 G 6
	A 6 24400	1 G 24		A 6 23250	1 G 11
232159	A 6 24300	1 G 18	233007	A 7 50150	1 H 18
	A 6 24400	1 G 24	233029	A 6 23150	1 G 6
232160	A 6 24300	1 G 17		A 6 23250	1 G 11
	A 6 24400	1 G 23	233089	A 2 14000	1 B 23
232239	A 6 23150	1 G 6	233092	A 2 14000	1 B 23
	A 6 23250	1 G 11	233128	A 6 24300	1 G 16
232240	A 6 23150	1 G 6		A 6 24400	1 G 24
	A 6 23250	1 G 11	233166	A 3 31000	1 C 21
232245	A 6 23150	1 G 6		A 3 32000	1 D 2
232281	A 6 24300	1 G 16	233194	A 6 24300	1 G 17
	A 6 24400	1 G 24		A 6 24400	1 G 23
232282	A 6 24300	1 G 16	233302	A 6 24300	1 G 17
	A 6 24400	1 G 24		A 6 24400	1 G 23
232283	A 6 24300	1 G 16	233361	A 6 24300	1 G 17
	A 6 24400	1 G 24		A 6 24400	1 G 23
232285	A 6 23150	1 G 6	233389	A 3 30550	1 C 17
232313	A 3 30550	1 C 17	233390	A 3 30550	1 C 17
232338	A 6 23150	1 G 6	233488	A 3 30550	1 C 17
	A 6 23250	1 G 11	233534	A 3 30300	1 C 12
232346	A 6 24300	1 G 18	233598	A 2 14000	1 B 22
	A 6 24400	1 G 22		A 6 24300	1 G 16
232348	A 6 24300	1 G 17		A 6 24400	1 G 22
	A 6 24400	1 G 22	233652	A 3 30100	1 C 7
232349	A 6 24300	1 G 18	233656	A 3 30550	1 C 17
	A 6 24400	1 G 23	233701	A 3 30100	1 C 6
232350	A 6 24300	1 G 18	233702	A 3 30550	1 C 17
	A 6 24400	1 G 23	233850	A 6 24300	1 G 17
232351	A 6 24300	1 G 18		A 6 24400	1 G 23
	A 6 24400	1 G 23	233859	A 6 23150	1 G 7

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233888	A 3 30300	1 C 12	515425	A 1 20600	1 B 6
233895	A 3 30300	1 C 12	521874	F 2 92150	2 D 8
234597	A 6 23150	1 G 6	522846	F 2 92100	2 D 6
	A 6 23250	1 G 11	522906	A 7 30225	1 H 10
234651	A 6 14000	1 G 2	525293	A 9 10150	1 I 2
234663	A 3 30100	1 C 6		D 1 10220	1 L 2
234761	A 6 23150	1 G 6		D 1 10240	1 L 4
	A 6 23250	1 G 11	531029	A 1 15510	1 A 17
234834	A 3 30300	1 C 12		A 1 15600	1 A 21
234836	A 3 30100	1 C 8	531905	D 1 20250	1 L 8
234864	A 3 30100	1 C 6	540104	A 9 10150	1 I 2
235034	A 3 32000	1 D 2		A 9 15050	1 I 11
235038	A 3 31000	1 C 21	540797	A 1 20500	1 B 2
235091	A 6 24300	1 G 16	544512	A 7 29300	1 H 6
	A 6 24400	1 G 24	544609	A 1 20500	1 B 2
235435	A 3 30300	1 C 12		A 1 25350	1 B 10
235563	A 6 24300	1 G 16	544616	A 7 29300	1 H 6
	A 6 24400	1 G 22	544998	A 7 29300	1 H 6
235593	A 2 14000	1 B 23	545005	A 7 29300	1 H 6
235961	A 2 14000	1 B 22	547003	F 2 92050	2 D 4
	A 9 10150	1 I 2	547237	B 4 10180	1 K 18
236395	A 3 34150	1 D 10	547529	F 2 90150	2 C 21
236892	A 3 30300	1 C 13		F 2 90400	2 D 2
236893	A 3 30300	1 C 13	549243	A 1 10900	1 A 13
236937	A 2 14000	1 B 23	550301	C 1 10170	1 K 23
236938	A 2 14000	1 B 23	551476	A 1 15510	1 A 17
237331	A 3 30300	1 C 13	552440	B 4 10180	1 K 18
237405	A 2 14000	1 B 22	552914	A 7 29300	1 H 6
237576	A 3 30100	1 C 6	557527	J 1 20000	2 F 3
237725	A 3 30100	1 C 7	560364	B 3 14000	1 K 14
237749	A 3 30300	1 C 12	561912	A 6 11150	1 F 20
238270	A 3 30300	1 C 12		A 7 30225	1 H 10
238425	A 3 30300	1 C 12	562809	E 1 15000	1 L 16
238426	A 3 30300	1 C 13	565389	A 6 11150	1 F 20
238535	A 3 30100	1 C 6	567416	A 1 15510	1 A 17
239216	A 6 23250	1 G 11		A 1 15600	1 A 21
239493	A 3 30300	1 C 13	569739	A 1 10800	1 A 9
239742	A 2 14000	1 B 23		A 1 10900	1 A 13
	A 3 30550	1 C 17	570676	A 9 20350	1 I 19
239953	A 3 30550	1 C 17	573548	B 4 10180	1 K 18
240467	A 2 14000	1 B 23	580104	B 3 14000	1 K 14
240978	A 3 30300	1 C 12	583270	A 1 25450	1 B 14
240979	A 3 30300	1 C 12	583706	A 7 29300	1 H 6
241684	A 3 30100	1 C 6	584501	A 1 10900	1 A 13
242408	A 3 30100	1 C 7	584502	A 1 15510	1 A 17
242873	A 3 31000	1 C 21		A 1 15600	1 A 21
	A 3 32000	1 D 2	586452	B 1 10130	1 J 6
	A 3 33000	1 D 6		B 1 15250	1 J 10
283402	A 3 30100	1 C 6		B 3 12000	1 K 10
283955	A 6 23150	1 G 6		B 3 14000	1 K 14
284054	A 2 14000	1 B 22		E 1 10080	1 L 12
284248	A 6 23250	1 G 11	587613	D 1 10220	1 L 2
302568	A 7 20160	1 H 2		D 1 10240	1 L 4
	A 7 30225	1 H 10	588820	A 9 12000	1 I 7
331196	A 9 15050	1 I 11	600259	B 4 10180	1 K 18
356622	D 1 10220	1 L 2	611074	F 2 90150	2 C 21
	D 1 10240	1 L 4	613750	A 7 20160	1 H 2
399081	D 1 20250	1 L 8		A 7 30225	1 H 10
430143	A 6 11150	1 F 20	616775	A 7 20160	1 H 2
450230	A 2 14000	1 B 22	616796	A 1 10800	1 A 9
505384	F 2 92050	2 D 4		A 1 10900	1 A 13
	F 2 92150	2 D 8	619018	A 3 30100	1 C 8
507815	F 2 92050	2 D 4	619019	A 1 15510	1 A 17
	F 2 92100	2 D 6		A 7 29300	1 H 6
	F 2 92150	2 D 8	619023	A 2 14000	1 B 23
509763	A 1 25350	1 B 10		A 3 30300	1 C 12
509772	A 3 36100	1 D 18	619024	A 7 29300	1 H 6
	A 7 30225	1 H 10	619025	A 2 14000	1 B 23
	A 9 20350	1 I 19	620235	A 7 30225	1 H 10
	A 9 20400	1 I 21	620236	A 7 20160	1 H 2
	A 9 23000	1 J 2	620238	A 7 20160	1 H 2
511512	A 1 25450	1 B 14		A 7 30225	1 H 10
513865	A 1 20500	1 B 2	631118	F 2 51600	2 C 8
514279	A 1 25450	1 B 14		F 2 51620	2 C 10

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	A 7 29300	1 H 6	692722	A 7 20160	1 H 2
636260	F 2 51600	2 C 8		A 7 30225	1 H 10
	F 2 51620	2 C 10	695993	F 1 20250	2 B 6
641297	A 3 30300	1 C 13		F 2 51600	2 C 8
642734	A 9 15050	1 I 11		F 2 51620	2 C 10
645092	A 7 29300	1 H 6	696073	B 4 10180	1 K 18
651912	A 9 20400	1 I 21		F 2 95050	2 D 11
653976	A 9 15050	1 I 11	710749	A 3 30300	1 C 12
	F 1 20250	2 B 6		A 3 30550	1 C 17
654141	A 7 50150	1 H 18	711161	A 6 23150	1 G 6
654613	A 3 30550	1 C 17		A 6 23250	1 G 11
	A 6 24300	1 G 16	711178	A 6 23150	1 G 6
	A 6 24400	1 G 22		A 6 23250	1 G 12
656427	A 3 36100	1 D 18	711298	A 2 14000	1 B 22
656444	A 9 15050	1 I 11	712203	A 1 10800	1 A 9
658038	A 3 30550	1 C 17	713186	A 2 14000	1 B 22
658160	A 1 10800	1 A 9	713418	E 1 15000	1 L 16
658455	B 2 12100	1 K 6	730149	A 9 12000	1 I 7
658524	A 7 35050	1 H 14	730396	E 2 30300	2 A 9
659065	A 2 14000	1 B 23		E 2 30360	2 A 14
660148	D 1 20250	1 L 8		E 2 30950	2 A 19
660178	A 2 25050	1 C 2	731160	A 3 30550	1 C 17
660738	A 1 20500	1 B 2		A 6 24300	1 G 18
	A 1 20600	1 B 6		A 6 24400	1 G 22
661862	F 2 95050	2 D 11	731368	A 6 11150	1 F 20
663094	A 9 15050	1 I 11	740320	F 2 90150	2 C 21
664140	A 3 34150	1 D 10	742240	A 3 30100	1 C 7
	A 6 14000	1 G 2	742262	A 4 10400	1 D 22
664404	A 3 36100	1 D 18		A 4 20400	1 E 7
	A 9 10150	1 I 2	742263	A 4 10400	1 D 22
664405	A 9 10150	1 I 2		A 4 20400	1 E 7
664406	A 9 20350	1 I 19	743035	A 2 14000	1 B 23
664420	A 1 10900	1 A 13	743039	A 3 30100	1 C 6
664422	A 1 25450	1 B 14	743200	B 4 10180	1 K 18
	A 3 36100	1 D 18		F 2 95050	2 D 11
664423	A 3 36100	1 D 18	743208	F 2 95050	2 D 11
664425	A 3 36100	1 D 18	743439	A 3 30100	1 C 7
664427	A 1 10900	1 A 13		A 6 24300	1 G 16
	A 9 10150	1 I 2		A 6 24400	1 G 22
	D 1 10220	1 L 2	743785	A 9 20350	1 I 19
	D 1 10240	1 L 4		A 9 20400	1 I 21
	F 2 97300	2 D 18	743816	E 1 10080	1 L 12
	F 2 97350	2 D 20	746525	A 9 10150	1 I 2
	F 2 97400	2 D 22	754019	F 2 51600	2 C 8
664428	A 1 10900	1 A 13		F 2 51620	2 C 10
664803	A 9 20400	1 I 21	756853	A 1 10800	1 A 9
664871	D 1 10220	1 L 2		A 1 10900	1 A 13
	D 1 10240	1 L 4		A 8 10175	1 H 22
666542	A 2 14000	1 B 23		A 9 10150	1 I 2
666697	A 3 30100	1 C 8		A 9 12000	1 I 7
669959	B 1 10130	1 J 6	763652	A 9 10150	1 I 2
675227	A 6 11150	1 F 20		A 9 12000	1 I 7
	A 7 30225	1 H 10	774024	A 4 10400	1 D 22
	A 9 20400	1 I 21		A 4 20400	1 E 7
675252	A 4 15400	1 E 2	774094	A 9 20400	1 I 21
	A 4 15410	1 E 4	774143	A 9 10150	1 I 2
	A 4 25450	1 E 10	774623	A 6 23150	1 G 7
675254	A 4 15400	1 E 2		A 6 23250	1 G 12
	A 4 15410	1 E 4	784089	E 1 10080	1 L 12
	A 4 25450	1 E 10	784433	A 6 14000	1 G 2
675259	A 4 15400	1 E 2	784663	A 1 10800	1 A 9
	A 4 15410	1 E 4		A 1 10900	1 A 13
	A 4 25450	1 E 10	784950	F 2 50070	2 B 22
675260	A 4 15400	1 E 2		F 2 50110	2 C 2
	A 4 15410	1 E 4		F 2 50125	2 C 4
	A 4 25450	1 E 10	791061	A 9 15050	1 I 11
675262	A 4 15400	1 E 2	791837	A 9 16050	1 I 15
	A 4 15410	1 E 4	798781	A 9 16050	1 I 15
	A 4 25450	1 E 10	799136	A 8 10175	1 H 22
675263	A 4 15400	1 E 2	801524	A 2 14000	1 B 23
	A 4 15410	1 E 4	801608	A 2 14000	1 B 23
	A 4 25450	1 E 10	801790	A 6 24400	1 G 22
675265	A 4 15400	1 E 2	801941	A 3 30300	1 C 12
	A 4 15410	1 E 4	801942	A 3 30300	1 C 12

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802138	A 3 34150	1 D 10		F 2 50125	2 C 4
802164	A 3 31000	1 C 21	896991	F 2 50070	2 B 22
	A 3 32000	1 D 2		F 2 50110	2 C 2
	A 3 33000	1 D 6		F 2 50125	2 C 4
	A 6 24300	1 G 16	896992	F 2 50070	2 B 22
	A 6 24400	1 G 22		F 2 50110	2 C 2
815200	A 4 15400	1 E 2		F 2 50125	2 C 4
	A 4 15410	1 E 4	896993	F 2 50070	2 B 22
	A 4 25450	1 E 10	896994	F 2 50070	2 B 22
816039	A 4 10400	1 D 23		F 2 50110	2 C 2
	A 4 20400	1 E 7		F 2 50125	2 C 4
816104	A 4 15400	1 E 2	898224	E 2 20000	1 L 20
841378	A 4 25450	1 E 10	899038	E 2 30360	2 A 14
841379	A 4 15400	1 E 2	899039	E 2 30360	2 A 14
853847	F 2 50070	2 B 22	900172	B 4 10180	1 K 18
	F 2 50110	2 C 2	940081	A 5 20100	1 E 24
	F 2 50125	2 C 4	940090	A 5 20100	1 E 24
856250	A 7 50150	1 H 18		A 5 20150	1 F 2
862652	A 7 29300	1 H 6	940091	A 5 20100	1 E 24
862653	A 7 29300	1 H 6	940092	A 5 20150	1 F 2
862655	A 7 29300	1 H 6	940250	A 5 30250	1 F 6
862656	A 7 29300	1 H 6		A 5 40650	1 F 10
862738	A 7 29300	1 H 6		A 5 40700	1 F 12
863364	A 1 10800	1 A 9		A 5 50150	1 F 16
	A 1 10900	1 A 13	940251	A 5 30250	1 F 6
866348	A 7 29300	1 H 6		A 5 40650	1 F 10
866349	A 7 29300	1 H 6		A 5 40700	1 F 12
869386	A 7 30225	1 H 10		A 5 50150	1 F 16
870042	A 7 30225	1 H 10	941214	F 2 92050	2 D 4
875002	F 2 92100	2 D 6		F 2 92100	2 D 6
875012	F 2 92100	2 D 6		F 2 92150	2 D 8
876574	A 9 15050	1 I 11	941226	A 7 29300	1 H 6
878233	E 2 30300	2 A 9	941227	A 7 29300	1 H 6
	E 2 30360	2 A 14	941474	A 1 25450	1 B 14
	E 2 30950	2 A 19	942646	F 2 92100	2 D 6
878235	E 2 30300	2 A 9	942735	A 5 30250	1 F 6
	E 2 30360	2 A 14		A 5 40650	1 F 10
	E 2 30950	2 A 19		A 5 40700	1 F 12
879717	A 1 10900	1 A 13		A 5 50150	1 F 16
	A 9 10150	1 I 2	942744	A 5 10430	1 E 20
883734	E 2 30300	2 A 9	942746	A 9 15050	1 I 11
	E 2 30360	2 A 14	942749	A 5 30250	1 F 6
	E 2 30950	2 A 19		A 5 40650	1 F 10
886267	E 2 20000	1 L 20		A 5 40700	1 F 12
886526	A 1 25350	1 B 10		A 5 50150	1 F 16
	A 1 25450	1 B 14	942750	A 5 10430	1 E 20
886527	A 1 25350	1 B 10	942751	A 5 10430	1 E 20
	A 1 25450	1 B 14	943917	E 2 30300	2 A 9
888331	A 9 16050	1 I 15		E 2 30360	2 A 14
892250	A 3 30300	1 C 13		E 2 30950	2 A 19
892833	A 1 25450	1 B 14	943918	E 2 30300	2 A 9
894831	D 1 20250	1 L 8		E 2 30360	2 A 14
896978	F 2 50070	2 B 22		E 2 30950	2 A 19
	F 2 50110	2 C 2	943919	E 2 30300	2 A 9
	F 2 50125	2 C 4		E 2 30360	2 A 14
896979	F 2 50070	2 B 22		E 2 30950	2 A 19
	F 2 50110	2 C 2	944054	A 7 29300	1 H 6
	F 2 50125	2 C 4	944404	A 1 25350	1 B 10
896982	F 2 50070	2 B 22	944408	J 1 50000	2 F 5
	F 2 50110	2 C 2	944469	E 2 30300	2 A 9
	F 2 50125	2 C 4		E 2 30360	2 A 14
896983	F 2 50070	2 B 22		E 2 30950	2 A 19
	F 2 50110	2 C 2	944471	E 2 30300	2 A 9
	F 2 50125	2 C 4		E 2 30360	2 A 14
896985	F 2 50070	2 B 22		E 2 30950	2 A 19
	F 2 50110	2 C 2	944499	F 2 40100	2 B 14
	F 2 50125	2 C 4	944810	A 1 25350	1 B 10
896988	F 2 50070	2 B 22	944968	A 7 29300	1 H 6
	F 2 50110	2 C 2	944969	A 7 29300	1 H 6
	F 2 50125	2 C 4	944981	F 2 40100	2 B 14
896989	F 2 50070	2 B 22	944982	F 2 40100	2 B 14
	F 2 50110	2 C 2	945060	A 1 25450	1 B 14
	F 2 50125	2 C 4	945208	A 5 10430	1 E 20
896990	F 2 50070	2 B 22		A 5 20150	1 F 2

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945445	J 1 50000	2 F 5	1315447	A 3 30100	1 C 7
945446	J 1 50000	2 F 5	1315740	E 1 10080	1 L 12
946008	J 1 50000	2 F 5	1317072	B 1 10130	1 J 6
946011	J 1 50000	2 F 5	1317408	A 9 20350	1 I 19
946709	E 2 30360	2 A 14		A 9 20400	1 I 21
946710	E 2 30360	2 A 14	1500793	A 1 20500	1 B 2
946711	E 2 30360	2 A 14	1501478	F 2 90150	2 C 21
946712	E 2 30360	2 A 14		F 2 90400	2 D 2
946860	A 1 25350	1 B 10	1501855	J 1 10000	2 F 1
	A 1 25450	1 B 14	1503012	E 1 10080	1 L 12
946898	A 1 25350	1 B 10	1503463	E 1 10080	1 L 12
946899	A 1 25350	1 B 10	1503629	E 1 15000	1 L 16
946923	E 2 30360	2 A 14	1503639	E 1 15000	1 L 16
947289	J 1 10000	2 F 1	1504091	F 1 20250	2 B 6
947293	J 1 50000	2 F 5	1508556	E 1 15000	1 L 16
947382	A 5 10430	1 E 20	1508905	E 1 15000	1 L 16
948284	A 5 40650	1 F 10	1508911	E 1 15000	1 L 16
949095	J 1 50000	2 F 5	1511711	F 2 60270	2 C 12
949096	J 1 50000	2 F 5	1512006	F 2 60270	2 C 12
949098	J 1 50000	2 F 5	1514638	E 1 15000	1 L 16
949985	J 1 20000	2 F 3	1517913	A 7 29300	1 H 6
951948	F 2 92100	2 D 6	1520190	D 1 20250	1 L 8
952001	F 2 92050	2 D 4	1520193	D 1 20250	1 L 8
952160	A 6 23150	1 G 7	1522535	A 6 11150	1 F 20
	A 6 23250	1 G 12		A 7 30225	1 H 10
955743	A 4 10400	1 D 23		A 9 20400	1 I 21
	A 4 20400	1 E 7	1523209	D 1 20250	1 L 8
958653	F 2 92050	2 D 4	1523210	D 1 20250	1 L 8
	F 2 92150	2 D 8	1529625	A 1 25350	1 B 10
960243	A 1 25350	1 B 10		B 4 10180	1 K 18
960373	E 2 20000	1 L 20	1530009	A 1 25350	1 B 10
960419	J 1 20000	2 F 3	1530264	E 1 15000	1 L 16
961028	J 1 50000	2 F 5	1530266	E 1 15000	1 L 16
961172	J 1 50000	2 F 5	1530268	E 1 15000	1 L 16
961262	J 1 20000	2 F 3	1530271	E 1 15000	1 L 16
961658	J 1 20000	2 F 3	1531399	F 1 20250	2 B 6
963023	J 1 50000	2 F 5	1532917	E 1 15000	1 L 16
966375	F 2 50200	2 C 6	1533614	A 8 10175	1 H 22
990087	E 2 20000	1 L 20	1534136	F 1 20250	2 B 6
990108	E 2 30360	2 A 14	1539058	A 7 29300	1 H 6
990774	A 9 15050	1 I 11	1545134	A 9 15050	1 I 11
990932	F 2 50110	2 C 2	1549705	A 7 29300	1 H 6
	F 2 50125	2 C 4	1566194	E 1 10080	1 L 12
992313	E 2 20000	1 L 20	1572355	F 2 40100	2 B 14
993689	A 1 25450	1 B 14	1573309	B 1 10130	1 J 6
1300057	F 2 95050	2 D 11		B 1 15250	1 J 10
1301144	A 9 12000	1 I 7		B 3 12000	1 K 10
1301363	A 9 20350	1 I 19		B 3 14000	1 K 14
1303213	F 2 50110	2 C 2		E 1 10080	1 L 12
	F 2 50125	2 C 4	1636460	A 1 15510	1 A 17
1304638	A 6 24300	1 G 17	1655019	F 2 92050	2 D 4
	A 6 24400	1 G 23		F 2 92100	2 D 6
1304885	A 7 30225	1 H 10	1655043	F 2 92050	2 D 4
1305106	J 1 20000	2 F 3		F 2 92100	2 D 6
1305202	J 1 20000	2 F 3	1667685	A 1 15510	1 A 17
1305373	C 1 10170	1 K 23	1779870	G 2 30000	2 E 6
1305943	B 2 10040	1 K 2		G 3 30000	2 E 10
1306623	A 9 15050	1 I 11	1798568	F 1 20250	2 B 6
1307059	F 2 92150	2 D 8	1801148	F 1 10150	2 B 2
1308081	A 7 20160	1 H 2	1811377	F 1 20250	2 B 6
1309108	F 2 50070	2 B 22	1900460	F 1 20250	2 B 6
	F 2 50110	2 C 2		F 2 51600	2 C 8
	F 2 50125	2 C 4		F 2 51620	2 C 10
1309823	A 8 10175	1 H 22	1900603	A 8 10175	1 H 22
1310761	B 4 10180	1 K 18	1900710	A 7 20160	1 H 2
	F 2 95050	2 D 11		A 9 23000	1 J 2
1312817	A 8 10175	1 H 22	1900774	F 2 60270	2 C 12
1312820	A 1 15600	1 A 21	1900903	A 3 36100	1 D 18
1313998	A 9 15050	1 I 11	1901081	D 1 20250	1 L 8
1314713	A 3 30100	1 C 8	1901362	B 4 10180	1 K 18
1314773	A 6 24300	1 G 17	1901464	A 9 10150	1 I 2
	A 6 24400	1 G 23	1901632	A 1 10800	1 A 9
1314774	A 6 24300	1 G 17		A 1 10900	1 A 13
	A 6 24400	1 G 23	1901718	A 1 25450	1 B 14

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	F 2 51620	2 C 10	1904600	J 1 10000	2 F 1
1901972	A 1 25350	1 B 10	1904799	A 1 25350	1 B 10
	A 1 25450	1 B 14	1904807	A 6 11150	1 F 20
	B 4 10180	1 K 18	1904808	A 6 11150	1 F 20
1902069	F 2 92150	2 D 8	1904810	A 6 11150	1 F 20
1902093	F 2 92050	2 D 4	1904844	B 4 10180	1 K 18
	F 2 92100	2 D 6	1904854	B 4 10180	1 K 18
	F 2 92150	2 D 8	1904870	A 1 25350	1 B 10
1902094	F 2 92050	2 D 4	1904871	A 1 20500	1 B 2
	F 2 92100	2 D 6	1904872	B 4 10180	1 K 18
	F 2 92150	2 D 8	1904875	D 1 10240	1 L 4
1902275	F 2 51600	2 C 8	1904878	A 1 20500	1 B 2
	F 2 51620	2 C 10	1904887	A 1 10800	1 A 9
1902571	F 2 92050	2 D 4		A 1 10900	1 A 13
	F 2 92100	2 D 6	1904893	A 1 15510	1 A 17
	F 2 92050	2 D 4		A 1 15600	1 A 21
1902593	A 8 10175	1 H 22	1904895	A 3 36100	1 D 18
1902709	A 3 36100	1 D 18	1904898	A 3 36100	1 D 18
1902755	F 1 20250	2 B 6	1904901	A 3 36100	1 D 18
1902847	B 2 12100	1 K 6	1904904	A 3 36100	1 D 18
1902877	A 7 30225	1 H 10	1904907	A 3 36100	1 D 18
1902893	A 7 30225	1 H 10	1904909	A 3 36100	1 D 18
1902916	F 2 60270	2 C 12	1904914	A 1 15510	1 A 17
1903012	F 2 60270	2 C 12	1904927	A 1 25450	1 B 14
1903015	B 1 10130	1 J 6	1904938	A 9 20400	1 I 21
1903262	B 1 15250	1 J 10	1904946	D 1 20250	1 L 8
	B 3 12000	1 K 10	1904972	A 9 10150	1 I 2
	B 3 14000	1 K 14	1904973	A 9 10150	1 I 2
	E 1 10080	1 L 12	1904974	A 9 10150	1 I 2
1903539	E 1 10080	1 L 12	1904975	A 9 10150	1 I 2
1903542	E 1 10080	1 L 12	1904976	A 9 10150	1 I 2
1903544	E 1 10080	1 L 12	1904977	A 9 10150	1 I 2
1903546	E 1 10080	1 L 12	1904999	A 9 10150	1 I 2
1903548	E 1 10080	1 L 12	1905013	F 2 51600	2 C 8
1903549	A 1 10900	1 A 13		F 2 51620	2 C 10
1903551	A 1 10800	1 A 9	1905056	A 9 10150	1 I 2
	A 1 10900	1 A 13	1905057	A 9 10150	1 I 2
1903553	A 1 10900	1 A 13	1905058	A 9 10150	1 I 2
1903561	A 9 10150	1 I 2	1905069	A 8 10175	1 H 22
1903565	A 9 10150	1 I 2	1905070	A 8 10175	1 H 22
1903569	A 9 10150	1 I 2	1905071	A 8 10175	1 H 22
1903570	A 9 10150	1 I 2	1905072	A 8 10175	1 H 22
1903575	A 9 10150	1 I 2	1905085	A 8 10175	1 H 22
1903576	A 9 10150	1 I 2	1905086	A 8 10175	1 H 22
1903578	A 9 10150	1 I 2	1905087	A 8 10175	1 H 22
1903590	A 1 10800	1 A 9	1905090	B 4 10180	1 K 18
1903596	B 2 10040	1 K 2	1905097	D 1 20250	1 L 8
1903598	B 2 10040	1 K 2	1905098	A 1 10800	1 A 9
1903601	B 2 10040	1 K 2	1905100	A 1 15510	1 A 17
1903603	B 2 10040	1 K 2	1905101	A 1 15510	1 A 17
1903645	B 1 10130	1 J 6	1905105	B 4 10180	1 K 18
1903652	B 1 10130	1 J 6	1905109	D 1 20250	1 L 8
1903678	A 1 10800	1 A 9	1905111	B 4 10180	1 K 18
	A 1 10900	1 A 13	1905129	D 1 20250	1 L 8
1903680	F 2 97300	2 D 18	1905133	A 6 11150	1 F 20
	F 2 97350	2 D 20	1905134	D 1 20250	1 L 8
	F 2 97400	2 D 22	1905164	B 4 10180	1 K 18
1903689	B 1 10130	1 J 6	1905176	B 1 10130	1 J 6
	B 1 15250	1 J 10		B 1 15250	1 J 10
	B 3 12000	1 K 10		B 3 12000	1 K 10
	B 3 14000	1 K 14		B 3 14000	1 K 14
1903693	B 1 20900	1 J 18	1905192	D 1 10220	1 L 2
1903932	B 4 10180	1 K 18	1905193	D 1 10220	1 L 2
	C 1 10170	1 K 23	1905195	F 1 20250	2 B 6
	F 1 10150	2 B 2	1905218	B 4 10180	1 K 18
1904001	A 9 10150	1 I 2	1905247	D 1 20250	1 L 8
1904129	A 1 15510	1 A 17	1905268	A 1 10800	1 A 9
	A 1 15600	1 A 21	1905329	B 4 10180	1 K 18
1904243	A 1 25450	1 B 14	1905331	D 1 10240	1 L 4
1904287	F 2 60270	2 C 12	1905332	D 1 10240	1 L 4
1904293	B 1 17100	1 J 14	1905369	A 1 15600	1 A 21
1904504	A 8 10175	1 H 22	1905373	F 2 97350	2 D 20
1904507	A 8 10175	1 H 22	1905392	A 1 20600	1 B 6
1904572	D 1 10220	1 L 2	1905396	A 1 10900	1 A 13

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1905426	A 7 29300	1 H 6	1906871	A 5 50150	1 F 16
1905430	F 2 92150	2 D 8	1906956	A 5 40700	1 F 12
1905431	F 2 92150	2 D 8	1906987	A 3 35103	1 D 14
1905435	A 1 10800	1 A 9	1906989	A 3 35103	1 D 14
	A 1 10900	1 A 13	1906996	B 4 10180	1 K 18
1905436	A 1 10800	1 A 9	1906997	B 4 10180	1 K 18
	A 1 10900	1 A 13	1907063	A 1 15600	1 A 21
1905437	A 1 10800	1 A 9	1907064	A 1 15600	1 A 21
	A 1 10900	1 A 13	1907070	A 8 10175	1 H 22
1905438	A 1 10800	1 A 9	1907145	F 1 20250	2 B 6
	A 1 10900	1 A 13	1907166	F 1 20250	2 B 6
1905448	F 2 92050	2 D 4	1907170	A 9 20350	1 I 19
	F 2 92150	2 D 8	1907198	A 9 10150	1 I 2
1905510	F 2 92050	2 D 4	1907199	A 9 10150	1 I 2
1905521	F 2 92050	2 D 4	1907235	A 9 10150	1 I 2
1905527	F 2 92050	2 D 4	1907270	A 9 12000	1 I 7
1905528	F 2 92050	2 D 4	1907271	A 9 12000	1 I 7
1905532	F 1 20250	2 B 6	1907274	B 3 14000	1 K 14
	F 2 51600	2 C 8	1907280	B 3 14000	1 K 14
1905668	A 1 15510	1 A 17	1907281	B 3 14000	1 K 14
1905750	G 3 30000	2 E 10	1907329	A 9 12000	1 I 7
1905752	D 1 10220	1 L 2	1907331	A 9 12000	1 I 7
1905761	A 6 11150	1 F 20	1907332	A 9 12000	1 I 7
1905822	D 1 10220	1 L 2	1907381	A 1 10900	1 A 13
1905826	E 2 30300	2 A 9	1907383	A 1 10900	1 A 13
1905864	A 6 11150	1 F 20	1907506	B 1 20900	1 J 18
1905881	D 1 10220	1 L 2	1907507	B 1 20900	1 J 18
	D 1 10240	1 L 4	1907673	B 3 14000	1 K 14
1906117	A 9 23000	1 J 2	1907714	A 7 20160	1 H 2
1906140	B 3 14000	1 K 14	1907858	A 1 10800	1 A 9
1906141	B 3 14000	1 K 14	1907943	F 2 50070	2 B 22
1906152	B 1 10130	1 J 6	1907944	F 2 50110	2 C 2
1906234	B 3 14000	1 K 14		F 2 50125	2 C 4
1906256	B 3 14000	1 K 14	1908058	F 2 60270	2 C 12
1906286	B 3 14000	1 K 14	1908088	B 3 12000	1 K 10
1906291	A 9 23000	1 J 2	1908139	B 1 20900	1 J 18
1906300	B 3 14000	1 K 14	1908143	B 1 15250	1 J 10
1906301	A 9 23000	1 J 2	1908219	B 1 10130	1 J 6
1906317	E 2 30950	2 A 19	1908264	F 2 51620	2 C 10
1906401	A 9 12000	1 I 7	1908267	F 2 51600	2 C 8
1906402	A 9 12000	1 I 7		F 2 51620	2 C 10
1906408	A 9 12000	1 I 7	1908269	F 2 51620	2 C 10
1906415	A 9 12000	1 I 7	1908281	F 2 51600	2 C 8
1906418	A 3 35103	1 D 14	1908315	A 5 20100	1 E 24
1906419	A 3 35103	1 D 14	1908316	A 5 10430	1 E 20
1906423	A 9 12000	1 I 7	1908326	A 1 20500	1 B 2
1906424	A 3 36100	1 D 18		A 1 20600	1 B 6
1906427	A 9 10150	1 I 2	1908336	B 4 10180	1 K 18
1906430	A 9 10150	1 I 2	1908337	B 4 10180	1 K 19
1906449	A 9 12000	1 I 7	1908349	A 1 20600	1 B 6
1906472	A 9 12000	1 I 7	1908350	A 1 20600	1 B 6
1906481	B 4 10180	1 K 18	1908351	A 1 20500	1 B 2
1906483	B 4 10180	1 K 18	1908352	A 1 20500	1 B 2
1906515	B 4 10180	1 K 18	1908365	B 2 12100	1 K 6
1906519	B 4 10180	1 K 18	1908372	B 2 10040	1 K 2
1906529	F 2 10140	2 B 10	1908378	C 1 10170	1 K 23
1906532	F 2 10140	2 B 10	1908380	C 1 10170	1 K 23
1906606	F 2 97300	2 D 18	1908482	E 2 30360	2 A 14
	F 2 97350	2 D 20	1908523	A 1 10800	1 A 9
	F 2 97400	2 D 22	1908524	A 1 10800	1 A 9
1906659	A 9 20350	1 I 19	1908525	A 1 10800	1 A 9
1906660	A 9 20350	1 I 19	1908526	A 1 10800	1 A 9
1906661	A 9 20350	1 I 19	1908534	A 1 15510	1 A 17
1906662	A 9 20350	1 I 19	1908538	A 1 15600	1 A 21
1906663	B 2 10040	1 K 2	1908697	F 2 92150	2 D 8
1906664	A 9 20350	1 I 19	1908731	A 9 10150	1 I 3
1906705	D 1 10220	1 L 2	1908768	A 1 20500	1 B 2
	D 1 10240	1 L 4		A 1 20600	1 B 6
1906711	D 1 10220	1 L 2	1908787	F 1 20250	2 B 6
	D 1 10240	1 L 4	1908788	F 1 20250	2 B 6
1906768	F 1 10150	2 B 2	1908806	F 2 80000	2 C 17
1906843	C 1 10170	1 K 23	1908910	A 1 10800	1 A 9
1906864	B 1 15250	1 J 10	1908911	A 1 10900	1 A 13
1906865	A 1 15600	1 A 21	1909046	A 9 10150	1 I 2

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1909046	A 9 15050	1 I 11	1914016	G 4 10100	2 E 14
1909079	F 2 97300	2 D 18	1914040	G 3 30000	2 E 10
1909080	F 2 97400	2 D 22	1914055	G 3 30000	2 E 10
1909130	F 2 90150	2 C 21	1914083	G 1 30000	2 E 2
1909212	G 2 30000	2 E 6	1914112	F 2 51600	2 C 8
1909246	G 5 10000	2 E 18	1914113	F 2 51600	2 C 8
1909247	G 5 10000	2 E 18	1914139	B 4 10180	1 K 19
1909248	G 5 10000	2 E 18	1914143	B 4 10180	1 K 19
1909249	G 5 10000	2 E 18	1914172	F 2 10140	2 B 10
1909250	G 5 10000	2 E 18	1914206	A 1 15510	1 A 17
1909264	G 1 30000	2 E 2	1914207	A 9 10150	1 I 2
1909266	G 1 30000	2 E 2	1914233	A 1 15600	1 A 21
1909279	B 1 10130	1 J 6	1914255	F 2 97300	2 D 18
1909281	B 2 12100	1 K 6		F 2 97350	2 D 20
1909282	B 2 12100	1 K 6		F 2 97400	2 D 22
1909289	B 2 12100	1 K 6	1914284	G 2 30000	2 E 6
1909291	B 2 12100	1 K 6		G 3 30000	2 E 10
1909294	C 1 10170	1 K 23		G 4 10100	2 E 14
1909364	F 2 51600	2 C 8	1914390	B 1 10130	1 J 6
	F 2 51620	2 C 10	1914495	F 2 51620	2 C 10
1909375	F 2 51620	2 C 10	1914496	A 7 20160	1 H 2
1909376	F 2 51600	2 C 8	1914497	A 7 20160	1 H 2
1909377	F 2 51600	2 C 8	1914499	A 7 29300	1 H 6
1909378	F 2 51620	2 C 10	1914749	F 2 92100	2 D 6
1909439	A 1 20500	1 B 2	1914750	F 2 92100	2 D 6
	A 1 20600	1 B 6	1914751	F 2 92100	2 D 6
1909519	B 4 10180	1 K 19	1914752	F 2 92100	2 D 6
1909520	B 1 10130	1 J 6	1914753	F 2 92100	2 D 6
1909576	A 7 20160	1 H 2	1914754	F 2 92100	2 D 6
1909688	B 1 17100	1 J 14	1914793	A 1 10900	1 A 13
1909689	B 1 17100	1 J 14	1914794	A 1 10900	1 A 13
1909699	C 1 10170	1 K 23	1914795	A 1 10900	1 A 13
1909703	A 7 50150	1 H 18	1914972	F 1 10150	2 B 2
1909993	B 1 10130	1 J 6	1915077	G 5 10000	2 E 18
1911562	A 5 40650	1 F 10	1915145	B 1 10130	1 J 6
1911571	F 2 90150	2 C 21	1915388	E 2 50000	2 A 23
	F 2 90400	2 D 2	1915393	A 9 15050	1 I 11
1911588	A 7 30225	1 H 10	1915397	A 9 15050	1 I 11
1911718	A 1 25450	1 B 14	1915398	A 9 15050	1 I 11
1911724	A 1 25350	1 B 10	1915411	A 9 15050	1 I 11
1911758	A 7 30225	1 H 10	1915413	A 9 15050	1 I 11
1911761	A 7 30225	1 H 10	1915429	A 9 15050	1 I 11
1911764	A 7 30225	1 H 10	1915459	F 2 92100	2 D 6
1911765	A 7 30225	1 H 10	1915461	F 2 92100	2 D 6
1911773	A 7 30225	1 H 10	1915467	F 2 92100	2 D 6
1911818	B 2 12100	1 K 6	1915468	F 2 92100	2 D 6
1911819	B 2 12100	1 K 6	1915471	A 9 15050	1 I 11
1911924	B 2 12100	1 K 6	1915496	G 6 10200	2 E 22
1911925	B 2 12100	1 K 6	1915497	G 6 10200	2 E 22
1911929	B 2 12100	1 K 6	1915498	G 6 10200	2 E 22
1913556	F 2 60270	2 C 12	1915499	G 6 10200	2 E 22
1913600	B 1 20900	1 J 18	1915500	G 6 10200	2 E 22
1913640	B 4 10180	1 K 19	1915501	G 6 10200	2 E 22
1913645	A 7 30225	1 H 10	1915502	G 6 10200	2 E 22
1913651	A 7 30225	1 H 10	1915542	A 9 15050	1 I 11
1913655	A 7 30225	1 H 10	1915549	A 5 20150	1 F 2
	A 7 35050	1 H 14	1915551	G 2 30000	2 E 6
1913668	F 2 60270	2 C 12	1915552	G 2 30000	2 E 6
1913678	B 1 20900	1 J 18	1915554	G 2 30000	2 E 6
1913680	B 4 10180	1 K 19	1915556	G 2 30000	2 E 6
1913799	A 1 10800	1 A 9	1915558	G 2 30000	2 E 6
1913805	A 9 20400	1 I 21	1915559	G 2 30000	2 E 6
1913806	A 9 20400	1 I 21	1915560	G 2 30000	2 E 6
1913807	A 9 20400	1 I 21	1915574	G 2 30000	2 E 6
1913809	A 9 20400	1 I 21	1915576	G 1 30000	2 E 2
1913810	C 1 10170	1 K 23	1915577	G 1 30000	2 E 2
1913813	C 1 10170	1 K 23	1915578	G 1 30000	2 E 2
1913819	A 6 11150	1 F 20	1915580	G 3 30000	2 E 10
	A 9 20400	1 I 21	1915582	G 3 30000	2 E 10
1913913	G 2 30000	2 E 6	1915584	G 3 30000	2 E 10
	G 3 30000	2 E 10	1915589	G 4 10100	2 E 14
	G 4 10100	2 E 14	1915590	G 4 10100	2 E 14
	G 5 10000	2 E 18	1915591	G 4 10100	2 E 14
	G 6 10200	2 E 22	1915592	G 4 10100	2 E 14
1914002	G 3 30000	2 E 10	1915593	G 4 10100	2 E 14

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1915599	G 4 10100	2 E 14	1925329	F 2 90400	2 D 2
1915600	G 4 10100	2 E 14	1925981	A 3 35103	1 D 14
1915601	G 4 10100	2 E 14	1928393	F 2 97300	2 D 18
1915602	G 4 10100	2 E 14	1928445	A 1 20500	1 B 2
1915603	G 4 10100	2 E 14		A 1 20600	1 B 6
1915606	G 4 10100	2 E 14	1928454	F 2 40200	2 B 18
1915607	G 4 10100	2 E 14	1928846	E 1 10080	1 L 12
1915610	G 2 30000	2 E 6	1931218	J 1 20000	2 F 3
1915611	G 2 30000	2 E 6	1936896	F 1 20250	2 B 6
1915617	G 3 30000	2 E 10	1937645	A 7 20160	1 H 2
1915631	A 9 15050	1 I 11	1937919	F 2 97300	2 D 18
1915634	D 1 10220	1 L 2		F 2 97350	2 D 20
	D 1 10240	1 L 4		F 2 97400	2 D 22
1915641	G 3 30000	2 E 10	1938410	F 2 50200	2 C 6
1915643	G 3 30000	2 E 10	1990105	F 2 50070	2 B 22
1915645	G 3 30000	2 E 10		F 2 50110	2 C 2
1915646	G 3 30000	2 E 10		F 2 50125	2 C 4
1915651	G 3 30000	2 E 10	1990106	F 2 50070	2 B 22
1915658	A 9 15050	1 I 11		F 2 50110	2 C 2
1915669	G 3 30000	2 E 10		F 2 50125	2 C 4
1915670	G 3 30000	2 E 10	1990109	F 2 50070	2 B 22
1915673	G 3 30000	2 E 10		F 2 50110	2 C 2
1915676	G 3 30000	2 E 10		F 2 50125	2 C 4
1915677	G 3 30000	2 E 10	1990134	F 2 50070	2 B 22
1915678	G 3 30000	2 E 10	1990135	F 2 50070	2 B 22
1915680	G 3 30000	2 E 10	1990194	F 2 50070	2 B 23
1915682	G 3 30000	2 E 10		F 2 50110	2 C 2
1915684	G 3 30000	2 E 10		F 2 50125	2 C 4
1915694	G 1 30000	2 E 2	1990196	F 2 50070	2 B 23
1915695	G 1 30000	2 E 2	1990248	A 1 25450	1 B 14
1915715	A 9 15050	1 I 11	1990249	A 1 25450	1 B 14
1915718	A 9 15050	1 I 11	1990250	A 1 25450	1 B 14
1915720	A 9 15050	1 I 11	1990265	E 2 30300	2 A 9
1915756	A 9 10150	1 I 2	1990269	E 2 30300	2 A 9
	D 1 10220	1 L 2	1990300	F 2 50070	2 B 23
	D 1 10240	1 L 4	1990413	A 9 10150	1 I 3
1916034	C 1 10170	1 K 23	1990414	A 9 10150	1 I 3
1916142	F 2 50070	2 B 22	1990418	A 5 20100	1 E 24
	F 2 51600	2 C 8	1990422	A 5 50150	1 F 16
	F 2 51620	2 C 10	1990423	A 5 10430	1 E 20
1916223	A 3 35103	1 D 14	1990424	A 5 20100	1 E 24
1916813	A 7 30225	1 H 10	1990426	A 5 50150	1 F 16
1916836	F 2 60270	2 C 12	1990436	J 1 20000	2 F 3
1916969	A 6 11150	1 F 20	1990439	E 2 30300	2 A 9
1916975	A 9 15050	1 I 11		E 2 30360	2 A 14
1916989	C 1 10170	1 K 23		E 2 30950	2 A 19
1917308	F 2 40100	2 B 14	1990441	E 2 30300	2 A 9
1917455	A 9 16050	1 I 15		E 2 30360	2 A 14
1917496	F 2 50110	2 C 2		E 2 30950	2 A 19
	F 2 50125	2 C 4	1990443	E 2 30300	2 A 9
	A 7 29300	1 H 6		E 2 30360	2 A 14
1917517	A 9 16050	1 I 15		E 2 30950	2 A 19
1917706	A 9 16050	1 I 15	1990444	E 2 30300	2 A 9
1917707	F 2 50070	2 B 22		E 2 30360	2 A 14
1917720	F 2 50110	2 C 2		E 2 30950	2 A 19
1917836	F 2 50125	2 C 4	1990446	E 2 30300	2 A 9
	A 1 10900	1 A 13		E 2 30360	2 A 14
1918857	A 7 29300	1 H 6		E 2 30950	2 A 19
1918988	F 2 50110	2 C 2	1990447	E 2 30300	2 A 9
1919477	F 2 50125	2 C 4	1990448	E 2 30300	2 A 9
	D 1 10220	1 L 2	1990449	E 2 30300	2 A 9
1919500	D 1 10240	1 L 4	1990451	E 2 30300	2 A 9
	F 2 40100	2 B 14		E 2 30360	2 A 14
1920258	F 2 60270	2 C 12		E 2 30950	2 A 19
1920468	F 2 60270	2 C 12	1990452	E 2 30300	2 A 9
1921450	F 2 60270	2 C 12		E 2 30360	2 A 14
1921451	F 2 60270	2 C 12		E 2 30950	2 A 19
1921456	F 2 60270	2 C 12	1990453	E 2 30300	2 A 9
1921457	F 2 60270	2 C 12		E 2 30360	2 A 14
1921639	B 3 12000	1 K 10		E 2 30950	2 A 19
1921976	F 2 40200	2 B 18	1990455	E 2 30300	2 A 9
1922597	J 1 20000	2 F 3		E 2 30360	2 A 14
1922742	A 1 10900	1 A 13		E 2 30950	2 A 19
1923523	A 7 29300	1 H 6	1990456	E 2 30300	2 A 9
1924505	A 6 11150	1 F 20		E 2 30360	2 A 14
1925328	F 2 90400	2 D 2			

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1990456	E 2 30950	2 A 19	1990968	E 2 50000	2 A 23
1990457	E 2 30300	2 A 9	1990969	E 2 50000	2 A 23
	E 2 30360	2 A 14	1990970	E 2 50000	2 A 23
	E 2 30950	2 A 19	1990971	E 2 50000	2 A 23
1990458	E 2 30300	2 A 9	1990972	E 2 50000	2 A 23
	E 2 30360	2 A 14	1990973	E 2 50000	2 A 23
	E 2 30950	2 A 19	1990974	E 2 20000	1 L 20
1990459	E 2 30300	2 A 9	1990975	E 2 20000	1 L 20
	E 2 30360	2 A 14	1990976	E 2 20000	1 L 20
	E 2 30950	2 A 19	1990977	E 2 20000	1 L 20
1990468	A 5 40650	1 F 10	1990978	E 2 20000	1 L 20
1990476	J 1 10000	2 F 1	1990979	E 2 20000	1 L 20
1990501	F 2 50110	2 C 2	1990980	E 2 20000	1 L 20
	F 2 50125	2 C 4	1990981	E 2 20000	1 L 20
1990502	F 2 50110	2 C 2	1990982	E 2 20000	1 L 20
	F 2 50125	2 C 4	1990983	E 2 20000	1 L 20
1990503	F 2 50070	2 B 23	1990984	A 9 15050	1 I 11
	F 2 50110	2 C 2	1991034	F 2 50200	2 C 6
	F 2 50125	2 C 4	1991037	F 2 50200	2 C 6
1990515	J 1 10000	2 F 1	1991038	F 2 50200	2 C 6
1990528	A 7 20160	1 H 2	1991039	A 1 15600	1 A 21
1990577	E 2 30360	2 A 14	1991052	B 1 10130	1 J 6
1990580	E 2 30360	2 A 14		B 1 15250	1 J 10
1990581	E 2 30360	2 A 14	1991085	E 1 10080	1 L 12
1990582	E 2 30360	2 A 14	1991829	F 2 97300	2 D 18
1990583	E 2 30360	2 A 14		F 2 97350	2 D 20
1990584	E 2 30360	2 A 14		F 2 97400	2 D 22
1990585	E 2 30360	2 A 14	1991937	F 2 50110	2 C 2
1990586	E 2 30360	2 A 14		F 2 50125	2 C 4
1990587	E 2 30360	2 A 14	1991995	J 1 20000	2 F 3
1990589	E 2 30360	2 A 14	1992017	J 1 10000	2 F 1
1990590	E 2 30360	2 A 14	1992018	J 1 10000	2 F 1
1990591	E 2 30360	2 A 14	1992140	J 1 10000	2 F 1
1990592	E 2 30360	2 A 14	1992166	A 5 20150	1 F 2
1990593	E 2 30360	2 A 15	1992214	J 1 50000	2 F 5
1990597	E 2 30360	2 A 15	1992215	J 1 50000	2 F 5
1990598	E 2 30360	2 A 15	1992216	J 1 50000	2 F 5
1990599	E 2 30360	2 A 15	1992217	J 1 50000	2 F 5
1990600	E 2 30360	2 A 15	1992218	A 8 10175	1 H 22
1990601	E 2 30360	2 A 15	1992235	J 1 50000	2 F 5
1990602	A 7 20160	1 H 2	1992247	J 1 50000	2 F 5
1990607	E 2 30360	2 A 15	1992248	J 1 50000	2 F 5
1990616	A 5 30250	1 F 6	1992255	A 5 40650	1 F 10
1990638	A 1 28100	1 B 18	1992259	A 5 30250	1 F 6
1990639	A 1 28100	1 B 18	1992340	J 1 10000	2 F 1
1990640	A 1 28100	1 B 18	1992354	J 1 20000	2 F 3
1990869	A 7 35050	1 H 14	1992366	J 1 50000	2 F 5
1990870	A 7 35050	1 H 14	1992367	J 1 50000	2 F 5
1990871	A 7 35050	1 H 14	1992368	J 1 50000	2 F 5
1990872	A 7 35050	1 H 14	1992449	J 1 10000	2 F 1
1990873	A 5 40700	1 F 12		J 1 20000	2 F 3
1990874	A 5 40700	1 F 12	1992450	J 1 50000	2 F 5
1990876	A 7 35050	1 H 14	1992453	J 1 10000	2 F 1
1990877	A 7 35050	1 H 14	1992500	F 2 50200	2 C 6
1990878	A 7 35050	1 H 14	1992501	F 2 50200	2 C 6
1990879	A 7 35050	1 H 14	1992502	F 2 50200	2 C 6
1990880	A 7 35050	1 H 14	1992503	F 2 50200	2 C 6
1990881	A 7 35050	1 H 14	1992504	F 2 50200	2 C 6
1990882	A 7 35050	1 H 14	1992505	F 2 50200	2 C 6
1990883	A 7 35050	1 H 14	1992506	F 2 50200	2 C 6
1990884	A 7 35050	1 H 14	1992507	F 2 50200	2 C 6
1990885	A 7 35050	1 H 14	1992508	F 2 50200	2 C 6
1990886	A 7 35050	1 H 14	1992509	F 2 50200	2 C 6
1990887	A 7 35050	1 H 14	1992510	F 2 50200	2 C 6
1990888	A 7 35050	1 H 14	1992511	F 2 50200	2 C 6
1990889	A 7 35050	1 H 14	1992512	F 2 50200	2 C 6
1990900	A 9 10150	1 I 2	1992513	F 2 50200	2 C 6
	D 1 10220	1 L 2	1992514	F 2 50200	2 C 6
	D 1 10240	1 L 4	1992515	F 2 50200	2 C 6
1990901	A 9 10150	1 I 2	1992516	F 2 50200	2 C 6
	D 1 10220	1 L 2	1992517	F 2 50200	2 C 6
	D 1 10240	1 L 4	1992518	F 2 50200	2 C 6
1990956	A 5 20150	1 F 2	1992519	F 2 50200	2 C 6
1990957	A 5 20150	1 F 2	1992520	F 2 50200	2 C 6
1990967	E 2 50000	2 A 23	1992521	F 2 50200	2 C 6

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1992522	F 2 50200	2 C 6			
1992523	F 2 50200	2 C 6			
1992524	F 2 50200	2 C 6			
1992525	F 2 50200	2 C 6			
1992526	F 2 50200	2 C 6			
1992527	F 2 50200	2 C 6			
1992528	F 2 50200	2 C 6			
2106309	A 4 10400	1 D 23			
	A 4 20400	1 E 7			
2106367	A 4 10400	1 D 22			
	A 4 20400	1 E 7			
2106971	A 4 10400	1 D 22			
	A 4 20400	1 E 7			
2107397	A 4 10400	1 D 22			
	A 4 20400	1 E 7			
2109022	A 4 15400	1 E 2			
2352551	A 7 20160	1 H 2			
2502452	J 1 10000	2 F 1			
2506407	E 1 15000	1 L 16			
2512995	E 1 15000	1 L 16			
2518802	E 1 15000	1 L 16			
2520346	D 1 20250	1 L 8			
2522744	F 2 40100	2 B 14			
	F 2 40200	2 B 18			
2522745	F 2 40100	2 B 14			
	F 2 40200	2 B 18			
2524589	F 1 20250	2 B 6			
2524789	F 1 20250	2 B 6			
2536249	F 2 60270	2 C 12			
2538177	E 1 15000	1 L 16			
2553205	E 1 15000	1 L 16			
2553206	E 1 10080	1 L 12			
3150709	A 1 25350	1 B 10			
	A 1 28100	1 B 18			
3215964	F 2 92100	2 D 6			
3292565	A 5 10430	1 E 20			
3293198	A 1 25350	1 B 10			
3486395	E 2 20000	1 L 20			
3678178	J 1 10000	2 F 1			
3678231	J 1 10000	2 F 1			
3951954	A 7 29300	1 H 6			
4200080	A 3 30300	1 C 12			
5290033	A 7 35050	1 H 14			
5290052	A 7 35050	1 H 14			
5290053	A 7 35050	1 H 14			
5290057	A 7 35050	1 H 14			
5290058	A 7 35050	1 H 14			
6190354	E 2 50000	2 A 23			
6191839	A 8 10175	1 H 22			
6191841	A 8 10175	1 H 22			
6515007	A 1 25450	1 B 14			