

664B
SKIDDER
PARTS
MANUAL
No. 6510

Information contained herein pertains to
Machine serial numbers listed below:

CABLE DETROIT - 514E

CABLE DETROIT - 514F

GRAPPLE DETROIT - 508A

GRAPPLE DETROIT - 508B

GRAPPLE DETROIT - 508C

Record Your Machine
Serial Number Here

RANGER
Forestry Equipment

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

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

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

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

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

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

BEI TEILBESTELLUNG jeweils Modell und Seriennummer der Maschine angeben.

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

Clark Equipment Company empfiehlt den Gebrauch von fabrikhergestellten Originalteilen und das Wartungs-Know-How, das unsere Handler 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 EXPEDICAÇÃO 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

ZEICHENERKLARUNG

○	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
dlff	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.....	arrière	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.....	presioón
contr.....	contrôle	rech.....	rechange
conv.....	convertisseur	réd.....	réduction
couv.....	couvercle	refroid.....	refroidisseur
déc.....	décalcamanie	rég.....	régulateur
déch.....	décharge	renf.....	renford
dém.....	démarreur	rép.....	réparation
diff.....	differential	rés.....	réservoir
direct.....	direction	RFM.....	Modification sur Place Ranger
disj.....	disjonteur	roul.....	roulement
élé.....	élément	sec.....	section
embr.....	embrayage	sens.....	sensible
engr.....	engrenage	sol.....	solenóide
ens.....	ensemble	soup.....	soupape
étan.....	étancheite	temp.....	temperature
ext.....	exterieur	trs.....	trousse
filt.....	filtre	unlv.....	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 Differential
Drehwand Drehmomentwandler

Einl Einheit
E-z Einsatz

Geh Gehuse
Ges Geschwindigkeit
Getr Getriebe

H Hinten
Hlitr Halterung
Hyd Hydraulik

Komp Kompressor
Kontr Kontrolle
Konv Konverter
Kppl Kupplung
Krftst Kraftstoff

L Links
Lrlf 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

Trelbrmn 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	accessrio	Indic	indicador
acopl	acoplemento	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
arti	articulao	lubr	lubrifica
asp	aspirao	manôim	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
dif	diferencial	sup	superior
direç	direco	supt	suporte
disj	disjuntor	tamb	tambor
el	elemento	temp	temperatura
embr	embreagem	term	termmetro
emerg	emergncia	TR	traseiro
engr	engrenagem	trans	transmisso
equip	equipamento	unid	unidade
esf	esfrico	univ	universal
estac	estacionamento	válv	vivula
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
 acces accesorio
 acondic acondicionador
 acopl acoplemento
 acum acumulador
 adapt adaptador
 alim alimentaci
 alm almohadilla
 aloj alojamiento
 alter alternador
 amort amortiguador
 aran arandela
 rb rbol
 artl articulaci
 asp aspiraci
 bat batera
 cal calcomana
 chav chaveta
 cil cilindro
 coj cojinete
 comb combustible
 conj/cj conjunto
 contr control
 conv convertidor
 corr correa
 crist cristales
 crr corredera
 cub cubierta
 cuch cucharn
 DE delantero
 dep depsito
 desc descarga
 direc direccin
 disp dispositivo
 disy disyuntor
 el elemento
 embr embregue
 emerg emergencia
 empaq empaquedura
 engr engruaje
 env envolvente
 esf esfrico
 estac estacionamiento
 et etiqueta
 ext exterior
 filt filtro
 herra herramientas
 hid hidrulico

inc incluyo
 ind indicador
 inf inferior
 inst instrumentos
 int interior
 inter interruptor
 jgo juego
 LD lado derecho
 LI lado izquierdo
 limp limpiador
 lubr lubricaci
 manô manmetro
 med medidor
 parb parabrisas
 pescf pescante
 planet planetario
 port portador
 pres presin
 prot protector
 rad radiador
 rec recambio
 reg regulador
 rep reparo
 res resorte
 resp respirador
 RFM Modificaci De Terreno Ranger
 rod rodamiento
 sec seccin
 segur seguridad
 sens sensora
 sol solenide
 sold soldadura
 sop soporte
 suc succin
 sup superior
 tamb tambor
 temp temperatura
 termô termmetro
 TR trasero
 trans transmissin
 unid unidad
 univ universal
 vlv vlvula
 vel velocidad
 vent ventilador
 vibr vibrao

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DIRECTION AUXILIAIRE ☒	A 9 14000
DISC DE CONTRÔLES DU FREIN DE SERVICE	A 7 15300
DISC DE CONTRÔLES DU FREIN DE SERVICE ☒	A 7 15375
DISC DE CONTRÔLES DU FREIN DE SERVICE	A 7 15400
DISC DE CONTRÔLES DU FREIN DE SERVICE ☒	A 7 15475

E

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ENSEMBLE CYLINDRE, DIRECTION ET LAME	E 1 10040
.....	E 1 10040
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.....	A 5 40475
.....	A 5 40500
ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE - MARCH AV & AR & BASSE	A 3 11000
ENSEMBLE D'EMBRAYAGE DU TREUIL-GEARMATIC-9	A 6 17050
ENSEMBLE D'ENCASTREMENT DU TREUIL-GEARMATIC-9	A 6 16050
ENSEMBLE D'ENGRENAGE DE LA COURONNE DU TREUIL ET DE PIGNON DU TREUIL-GEARMATIC-9	A 6 20050
ENSEMBLE DE CULASSE ROTATIVE DE GRAPPIN	E 2 70000
ENSEMBLE DE CULASSE ROTATIVE	E 2 70000
ENSEMBLE DE CYLINDRE À FREIN DU TREUIL-GEARMATIC-9	A 6 19050
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT FD-17600	A 4 14950
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT - 17600	A 4 15000
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT FD-17900 & FD-17800	A 4 15600
.....	A 4 15610
ENSEMBLE DE GRAPPIN 102 IN - 2,59 M	B 6 10020
ENSEMBLE DE GRAPPIN 70 IN - 1778,0 MM	B 6 10000
ENSEMBLE DE POMPE ET DE MOTEUR ☒	E 2 20000
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ENSEMBLE DIFFÉRENTIAL-PALIER ET COUSSINENT, ARRIÈRE RD-17800&17900	A 4 25610
ENSEMBLE EMBRAYAGE, MARCH AV & AR & BASSE	A 3 11000
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ENSEMBLE ESSIEU ARRIÈRE	A 4 20015
.....	A 4 20610
ENSEMBLE ESSIEU AVANT	A 4 10000
.....	A 4 10600
ENSEMBLE FILTRE RÉSERVOIR HYDRAULIQUE	A 9 16050
ENSEMBLE SOUPAPE DE SURETÉ	E 2 50000
ENSEMBLE VERIN, GRAPPIN À GRUMES 70 IN - 1778,0 MM	E 1 13000
ENSEMBLE VERIN, GRAPPIN À GRUMES	E 1 13000
ENSEMBLE VERIN, GRAPPIN À GRUMES 102 IN - 2590,8 MM	E 1 13050
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F

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	A 7 25000
FREIN PRIMAIRE - DISQUE	A 7 10200
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G

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H

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HYDRAULIQUES-CULASSE DE MOTEUR	A 10 12000

I

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J

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L

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M

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	A 3 15150
MOTEUR, FILTRE	J 1 50000

P

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	F 2 90500
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	C 1 10060
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R

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	D 1 10300
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S

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	A 1 20115
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T

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U

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V

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A

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ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB - FD-17600	A 4 10000
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB - 17800 - HD	A 4 10600
ACHSENLAGERUNG, VOLLSTÄNDIG	B 1 15060
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ADAPTERGRUPPE DER WINDE-GEARMATIC-9	A 6 21200
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	F 2 50100
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	A 1 20115
	A 1 20115

B

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	F 1 10040
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	A 3 20100
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	A 7 15375
	A 7 15400
	A 7 15475
BEDIENUNG, TROMMEL DER STANDARDBREMSSE	A 7 15100
	A 7 15150
	A 7 15200
BEDIENUNG, WINDE	A 6 10060
	A 6 11010
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	C 1 10060
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	A 10 20100
	A 10 20150
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BOGENEINHEIT	B 5 10000
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	B 4 10065
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DIENSTBREMSSE - SCHEIBE	A 7 10200
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	A 4 15600
	A 4 15610
	A 4 25610
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E

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	F 2 51075

F

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FELGENEINHEIT - 23.1 X 26 REIFEN	F 2 96900
FELGENEINHEIT - 24.5 X 32 REIFEN	F 2 96850
FELGENEINHEIT - 28.1 X 26 REIFEN	F 2 96800
FEUERLÖSCHER	F 2 80000
FEURERSICHERHEITSSATZ	H 1 10050
FILTER, MOTOR-	J 1 50000
FÜHRUNGSROLLE UND MONTAGE	B 2 10000

G

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GELENKWELLE VOLLSTÄNDIG, GETRIEBE/DREHMOMENTWANDLER	A 5 10220
GELENKWELLE VOLLSTÄNDIG, GETRIEBE/MITTELLAGER	A 5 50050
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GETRIEBE VOLLSTÄNDIG - 2420	A 3 10000
	A 3 10050
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	A 8 10040
GETRIEBE-MONTAGE	A 3 15050
	A 3 15150
GETRIEBEKUPPLUNGSGRUPPE, SCHNELL	A 3 12000
GETRIEBEREGELVENTIL	A 3 13050
	A 3 13050
GETRIEBESCHALTHEBEL	A 3 20050
	A 3 20100
GREIFER-BAUGRUPPE 102 IN - 2,59 M	B 6 10020
GREIFER-BAUGRUPPE 70 IN - 1778,0 MM	B 6 10000
GREIFERDREHKOPF VOLLSTÄNDIG	E 2 70000

H

HAUPSTEUEREINHEIT DER WINDE-GEARMATIC	A 6 13000
HAUPSTEUEREINHEIT DER WINDE-CLARK	A 6 14000
HILFSLLENKUNG	A 9 14000
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HINTERACHSEN, MONTAGE	B 1 23000
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	A 4 20610
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	B 1 20150
	B 1 20750
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INHALTSVERZEICHNIS (forts)

H

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HYDRAULIKTANKEINHEIT	A 9 16050

I

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INSTRUMENTENBRETT	F 1 20350
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K

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KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN	A 5 40500
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KONTROLLSCHEIBE DER STANDBREMSE ☒	A 7 15375
KONTROLLSCHEIBE DER STANDBREMSE	A 7 15400
KONTROLLSCHEIBE DER STANDBREMSE ☒	A 7 15475
KONTROLLTROMMEL DER STANDBREMSE	A 7 15100
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L

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M

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MOTORBEFESTIGUNGEN GM	A 1 15050
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P

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R

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S

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SCHEINWERFER LEUCHTEN ☒	F 2 90000
SCHEINWERFER LEUCHTEN ☒	F 2 90050
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SCHUTZDACH	F 2 10100

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STEUERUNGEN-BOGEN UND GREIFER	A 10 20100
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V

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Z

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TRANSMISSÃO/GUINCHO	A 5 20050
CONJUNTO EMBREAGEM DA TRANSMISSÃO	
- MARCHA À FRENTE & À RÉ & BAIXA	A 3 11000
CONJUNTO EMBREAGEM DO GUINCHO-GEARMATIC-9	A 6 17050
CONJUNTO HÉLICE EIXO, TRANSMISSÃO-EIXO FRENTE	A 5 30100
CONJUNTO VÁLVULA DE ESBARRO	E 2 50000
CONTROLE E HIDRÁULICO DO GUINCHO-CLARK	A 6 11010
CONTROLE E HIDRÁULICO DO GUINCHO	A 6 10060
CONTROLES DA TRANSMISSÃO	A 3 20100
	A 3 20050
CONTROLES DE DIREÇÃO E LÂMINA	A 9 20100
	A 9 20200
CONTROLES DO ARCO E GARRAS	A 10 20000
	A 10 20100
	A 10 20150
CONTROLES DO ESTRANGULADOR	D 1 20060
CONTROLES-ARCO E GARRA	A 10 20000
	A 10 20100
	A 10 20150
CONTROLES, GUINCHO	A 6 10060
	A 6 11010
CONTROLES, SERVIÇO DO DISCO DE FREIO	A 7 15300
	A 7 15375
	A 7 15400
	A 7 15475
CONTROLES, SERVIÇO DO TAMBOR DE FREIO	A 7 15100
	A 7 15150
	A 7 15200
CONTROLES, TRANSMISSÃO	A 3 20050
	A 3 20100
CONVERSOR, CONJUNTO	A 2 10170

D

DECALCOMANIAS	F 2 60000
DIFERENCIAL DIANTEIRO E CONJUNTO SUPORTE	A 4 14950
	A 4 15000
	A 4 15600
	A 4 15610
	A 4 25610
DIREÇÃO AUXILIAR ☒	A 9 14000
DISCO DE CONTROLE DE FREIO DE SERVIÇO	A 7 15300
DISCO DE CONTROLE DE FREIO DE SERVIÇO ☒	A 7 15375
DISCO DE CONTROLE DE FREIO DE SERVIÇO	A 7 15400
DISCO DE CONTROLE DE FREIO DE SERVIÇO ☒	A 7 15475
DOSSEL	F 2 10040
	F 2 10100

E

EIXO DIANTEIRO, CONJUNTO - FD-17600	A 4 10000
EIXO DIANTEIRO, CONJUNTO - 17800 - HD ☒	A 4 10600
EIXO PROPULSOR, TRANSMISSÃO/CONVERTIDOR,	
CONJUNTO	A 5 10220

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E

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CENTRAL CONJUNTO	A 5 50050
EIXO PROPULSOR, TRANSMISSÃO/CHUMACEIRA	A 5 60025
EIXO TRASEIRO, CONJUNTO RD17800 SERVIÇO PESADO	A 4 20610
EIXO TRASEIRO, CONJUNTO 17600	A 4 20015
EIXO, CONJUNTO DO BÊRÇO	B 1 15060
EMBREAGEM, CONJUNTO, ALTA	A 3 12000
EXTINTOR DE INCÊNDIO	F 2 80000

F

FILTRO DE AR	A 1 25100
FREIO DE DISCO DE CALIBRE	A 7 10150
FREIO DE ESTACIONAMENTO	A 7 25000
FREIO MANUTENÇÃO - CALIBRADOR DISCO	A 7 10150
FREIO MANUTENÇÃO - DISCO	A 7 10100
FREIO MANUTENÇÃO - DISCO	A 7 10200
FREIO MANUTENÇÃO - TAMBOR	A 7 10000
FREIO MANUTENÇÃO - TAMBOR	A 7 10050
FREIO-COXIM DE MANCAL E SUPORTE	A 7 40150
FREIO, ESTACIONAMENTO	A 7 25000

G

GRAMPOS	F 2 95000
GRUPO DE EMBREAGEM DA TRANSMISSÃO, ALTA	A 3 12000
GUINCHO-EMBREAGEM DE ENTRADA, EIXO DE PINHÃO	
E EIXO DE ENGRENAGE W-311-1	A 6 24150
GUINCHO -GRUPO DE EMBREAGEM DE ENTRADA, EIXO DE	
PINHÃO E GRUPO DE EIXO DE ENGR W-300	A 6 24050
GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS	
E EMBREAGEM W-300	A 6 22010
GUINCHO-EIXO IMPULSOR DO TAMBOR DE CABOS	
E EMBREAGEM W311-1	A 6 23000

H

HIDRÁULICA-ARCO E GARRA	A 10 10000
HIDRAULICA-CABEÇA DO MOTOR	A 10 12000
HIDRAULICO, GUINCHO	A 6 10060
	A 6 11010
HIDRÁULICOS, DIREÇÃO E LÂMINA	A 9 10075

I

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INSULAÇÃO-PAREDE GUARDAFOGO	G 3 10000
INSULAÇÃO-SILENCIADOR	G 1 10000
INSULAÇÃO-TAPETE DO PISO E ASSENTO	G 4 10000
ISOLAÇÃO-CHASSI DIANTEIRO	G 2 10000
ISOLAMENTO-PAINEL DE INSTRUMENTOS	G 5 10000

J

JÓGO EXTINTOR DE INCÊNDIO	H 1 10050
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L

LÂMINA E SUPORTE	B 3 10020
LUBRIFICAÇÃO DO BÊRÇO	B 1 16000
LUZES	F 2 90000
	F 2 90050
	F 2 90500

M

MECANISMO AUTO-CENTRANTE	E 2 80000
MOTOR, FILTROS DO	J 1 50000

P

PAINEL DE INSTRUMENTOS	F 1 20050
	F 1 20350

R

RADIADOR E CONEXÕES	A 1 10100
	A 1 10150
	A 1 10300
	A 1 10310
RODA - GUIA E MONTAGEM	B 2 10000

S

SILENCIADOR	A 1 20050
	A 1 20115
	A 1 20115
SISTEMA DE ESCAPE	A 1 20050
SISTEMA ELECTRICO	F 2 51050
	F 2 51075
SISTEMA HIDRÁULICO DA DIREÇÃO E DA LÂMINA	A 9 10075
SISTEMA HIDRÁULICO,	
TRANSMISSÃO & CONVERSOR DE TORQUE	A 8 10020
	A 8 10040
SUPORTE ASSOALHO E ASSENTO	C 1 10040
	C 1 10060
SUPORTE DA TRANSMISSÃO	A 3 15050
	A 3 15150
SUPORTE DO EIXO TRASEIRO	B 1 23000
	B 1 23150
SUPORTE PLANET CONJUNTO FD 17600 & RD 17600	A 4 30100
SUPORTE PLANET CONJUNTO FD & RD 17620 & 17800	A 4 30110
SUPORTES DE MONTAGEM DO MOTOR GM	A 1 15025
	A 1 15050

T

TAMBOR DE CABOS E CINTA DE FREIO	
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	A 7 15150
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TANQUE DE COMBUSTÍVEL & TUBULAÇÕES	D 1 10030
	D 1 10300
TRANSMISSÃO E CONVERTEDORES HIDRÁULICOS	A 8 10020
	A 8 10040
TRANSMISSÃO, CONJUNTO - 2420	A 3 10000
	A 3 10050

U

UNIDADE DE CONTRÔLE MESTRE DO	
GUINCHO-GEARMATIC	A 6 13000
UNIDADE DE CONTRÔLE MESTRE DO GUINCHO-CLARK	A 6 14000

V

VÁLVULA, REGULADOR	A 2 25050
VÁLVULA DE CONTRÔLE, ARCO, GARRA & MOTOR	E 2 30650
VÁLVULA DE CONTRÔLE, TRANSMISSÃO	A 3 13050
	A 3 13050
VÁLVULA DE GARRA DE FECHADURA	E 2 40000
VÁLVULA DO REGULADOR	A 2 25050
VÁLVULA, CONTRÔLE DE TRANSMISSÃO	A 3 13050
VÁLVULA, DIRÇÃO E LÂMINA	E 2 30100
	E 2 30100
	E 2 30200
	E 2 30200
VÁLVULA, GARRA DA FECHADURA	E 2 40000

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AISLAMIENTO-DOSEL	G 6 10000
AISLAMIENTO-PARED CONTRA FUEGO	G 3 10000
AISLAMIENTO-PISO Y ASIENTO	G 4 10000
AISLAMIENTO-SILENCIADOR	G 1 10000
AISLAMIENTTO-BASTIDOR DELANTERO	G 2 10000
ALTERNADOR	F 2 50050
	F 2 50100
ARBOL PROPULSOR, TRANSMISIÓN/ CONVERTIDOR, CONJUNTO	A 5 10220
ARBOL PROPULSOR, TRANSMISIÓN/ COJINETE CENTRAL CONJUNTO	A 5 50050
ARBOL PROPULSOR, TRANSMISIÓN/DESCANSO	A 5 60025
ARCO Y AGARRE, CONTROLES	A 10 20000
	A 10 20100
	A 10 20150
ARCO Y AGARRE, HIDRAULICOS	A 10 10000
ARMAZON TRASERA Y SOPORTE	B 1 20050
	B 1 20150
	B 1 20750
ASIENTO, CONJUNTO	F 2 40000

B

BANDAS DE FRENO Y TAMBOR DE CABLE, GUINCHE	A 6 18050
BASTIDOR DELANTERO & TRASERO	B 1 10040
	B 1 10060
BASTIDOR TRASERO	B 1 20050
	B 1 20150
	B 1 20750
BATERÍA & MONTAJE DE BATERÍA	F 1 10020
	F 1 10040
BOTÓN	F 2 95050

C

CALCOMANÍAS	F 2 60000
COMPRESOR DE AIRE	F 2 92000
CONJUNTO ADAPTADOR DEL GUINCHE-GEARMATIC-19	A 6 21050
CONJUNTO ADAPTADOR DEL GUINCHE-GEARMATIC-9	A 6 21200
CONJUNTO DE ANILLO Y PINNÓN, GUINCHE-GEARMATIC	A 6 20050
CONJUNTO DE ARCO	E 1 12000
CONJUNTO DE ASIENTO ROTATORIO	F 2 40050
CONJUNTO DE BOMBA Y MOTOR	E 2 20000
CONJUNTO DE CABEZA ROTATORIA DE AGARRE	E 2 70000
CONJUNTO DE CABEZA ROTATORIA	E 2 70000
CONJUNTO DE CARCASA, GUINCHE	A 6 16050
CONJUNTO DE CILINDRO DE FRENO, GUINCHE-GEARMATIC	A 6 19050
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS 70 IN - 1778,0 MM	E 1 13000
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS	E 1 13000
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS 102 IN - 2590,8 MM	E 1 13050
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS	E 1 13050
CONJUNTO DE CILINDRO DIRECCION Y CUCHILLA	E 1 10040
CONJUNTO DE CILINDRO, ARCO	E 1 12000
CONJUNTO DE CILINDRO, DIRECCION Y CUCHILLA	E 1 10040
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO FD-17600	A 4 14950
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO - 17600	A 4 15000
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO FD-17900 & FD-17800	A 4 15600
	A 4 15610
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO RD-17800&17900	A 4 25610

CONJUNTO DE EJE DELANTERO	A 4 10000
	A 4 10600
CONJUNTO DE EJE TRASERO	A 4 20015
	A 4 20610
CONJUNTO DE EMBRAGUE, GUINCHE	A 6 17050
CONJUNTO DE GARRA 102 IN - 2,59 M	B 6 10020
CONJUNTO DE GARRA 70 IN -1778,0 MM	B 6 10000
CONJUNTO DEL CONTRAFUEGOS	B 4 10040
	B 4 10060
	B 4 10065
CONJUNTO DEL EJE CARDAN, TRANSMISIÓN-EJE DELANTERO	A 5 30100
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS	A 5 40150
	A 5 40475
	A 5 40500
CONJUNTO DEL EMBRAGUE, MARCHA ADELANTE, RETROCESO & BAJA	A 3 11000
CONJUNTO DO ARCO	B 5 10000
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE	A 5 20050
CONJUNTO EMBRAGUE DEL GUINCHE-GEARMATIC-9	A 6 17050
CONJUNTO ENVOLTURA DEL GUINCHE-GEARMATIC-9	A 6 16050
CONJUNTO ILANTA - 18.4 X 34 NEUMÁTICO	F 2 96950
CONJUNTO ILANTA - 18.4 X 26 NEUMÁTICO	F 2 97000
CONJUNTO ILANTA - 23.1 X 26 NEUMÁTICO	F 2 96900
CONJUNTO ILANTA - 24.5 X 32 NEUMÁTICO	F 2 96850
CONJUNTO ILANTA - 28.1 X 26 NEUMÁTICO	F 2 96800
CONJUNTO TRANSMISIÓN-EMBRAGUE - MARCHA ADELANTE, RETROCESO & BAJA	A 3 11000
CONJUNTO VÁLVULA RETENCIÓN	E 2 50000
CONTROLES DE LA TRANSMISIÓN	A 3 20050
	A 3 20100
CONTROLES DEL REGULADOR	D 1 20060
CONTROLES E HIDÁULICA DEL GUINCHE-CLARK	A 6 11010
CONTROLES E HIDÁULICA DEL GUINCHE	A 6 10060
CONTROLES, DISCO DE FRENO DE SERVICIO	A 7 15300
	A 7 15375
	A 7 15400
	A 7 15475
CONTROLES, GUINCHE	A 6 10060
	A 6 11010
CONTROLES, TAMBOR DE FRENO DE SERVICIO	A 7 15100
	A 7 15150
	A 7 15200
CONTROLES, TRANSMISION	A 3 20050
	A 3 20100
CONTROLS, DIRECCIÓN Y CUCHILLAS	A 9 20100
	A 9 20200
CONVERTIDOR, CONJUNTO	A 2 10170

D

DEPÓSITO & LÍNEAS DE COMBUSTIBLE	D 1 10030
	D 1 10300
DIFERENCIAL DELANTERO Y CONJUNTO DE CARCASA	A 4 14950
	A 4 15000
	A 4 15600
	A 4 15610
	A 4 25610
DIRECCION AUXILIAR	A 9 14000
DISCO DE CONTROL DEL FRENO DE SERVICIO	A 7 15300
DISCO DE CONTROL DEL FRENO DE SERVICIO	A 7 15375
DISCO DE CONTROL DEL FRENO DE SERVICIO	A 7 15400
DISCO DE CONTROL DEL FRENO DE SERVICIO	A 7 15475
DOSEL	F 2 10040
	F 2 10100

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E

EJE DELANTERO, CONJUNTO - FD-17600	A 4 10000
EJE DELANTERO, CONJUNTO - 17800 - HD ☒	A 4 10600
EJE TRASERO, CONJUNTO RD17800 EXTRA-FUERTE REFORZADO	A 4 20610
EJE TRASERO, CONJUNTO 17600	A 4 20015
EJE, CONJUNTO DEL CABALLETE	B 1 15060
EMBRAGUE, CONJUNTO, ALTA	A 3 12000
ESTRUCTURA DEL TANQUE HIDRÁULICO	A 9 16050
EXTINTOR DE FUEGO	F 2 80000

F

FILTRO DEL AIRE	A 1 25100
FRENO DE ESTACIONAMIENTO	A 7 25000
FRENO DEL DISCO DE CALIBRE	A 7 10150
FRENO SERVICIO - CALIBRADOR DISCO	A 7 10150
FRENO SERVICIO - DISCO ☒	A 7 10100
FRENO SERVICIO - DISCO	A 7 10200
FRENO SERVICIO - TAMBOR	A 7 10000
FRENO SERVICIO - TAMBOR ☒	A 7 10050
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FRENOS, ESTACIONAMIENTO	A 7 25000

G

GRAPAS	F 2 95000
GRUPO DE EMBRAGUE DE LA TRANSMISIÓN, ALTA	A 3 12000
GUINCHE - CONJUNTO CILINDRO DE FRENO-GEARMATIC-9	A 6 19050
GUINCHE-ARBOL IMPULSOR DEL TAMBOR DE CABLES Y EMBRAGUE W-300	A 6 22010
GUINCHE-ARBOL IMPULSOR DEL TAMBOR DE CABLES Y EMBRAGUE W311-1	A 6 23000
GUINCHE-CONJUNTO CORONA Y PIÑÓN-GEARMATIC-9	A 6 20050
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓN Y GRUPO DEL EJE CORONA W-300	A 6 24050
GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓN Y EJE CORONA W-311-1	A 6 24150
GUINCHE, HIDRÁULICA	A 6 10060
	A 6 11010
GUINCHOE - TAMBOR DE CABLES Y BANDA DE FRENOS-GEARMATIC-9	A 6 18050

H

HIDRÁULICA CABEZA MOTOR	A 10 12000
HIDRÁULICA-ARCO Y GARRA	A 10 10000
HIDRÁULICA-CABEZA DEL MOTOR	A 10 12000
HIDRÁULICOS, DIRECCIÓN Y CUCHILLA	A 9 10075

J

JUEGO CONTRAFUEGO	H 1 10050
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L

LAMINA Y SOPORTE	B 3 10020
LUBRIFICACION DE LA CUNA	B 1 16000
LUCES☒	F 2 90000
	F 2 90050
	F 2 90500

M

MANDOS DE DIRECCIÓN Y CUCHILLAS	A 9 20100
	A 9 20200
MANDOS-ARCO Y GARRA	A 10 20000
	A 10 20100
	A 10 20150

MECANISMO AUTO CENTRADOR	E 2 80000
MOTOR, FILTROS PARA	J 1 50000

P

PANEL DE INSTRUMENTOS	F 1 20050
	F 1 20350
PATAS DE MONTAJE ELÁSTICO DEL MOTOR GM	A 1 15025
	A 1 15050
POLEA - GUÍA Y MONTURA	B 2 10000

R

RADIADOR Y CONEXIONES	A 1 10100
	A 1 10150
	A 1 10300
	A 1 10310

S

SILENCIADOR	A 1 20050
	A 1 20115
	A 1 20115
SILENCIADOR DEL FILTRO DE AIRE Y SOPORTE	A 1 20050
	A 1 20115
SISTEMA DE ESCAPE	A 1 20050
SISTEMA ELECTRICO	F 2 51050
	F 2 51075
SISTEMA HIDRÁULICO DE DIRECCIÓN Y DE LAMINA	A 9 10075
SISTEMA HIDRÁULICO, TRANSMISIÓN & CONVERTIDOR DE PAR	A 8 10020
	A 8 10040
SOPORTE DE LA TRANSMISIÓN	A 3 15050
	A 3 15150
SOPORTE DEL EJE TRASERO	B 1 23000
	B 1 23150
SOPORTE PISO Y ASIENTO	C 1 10040
	C 1 10060
SOPORTE PLANET CONJUNTO FD 17600 & RD 17600	A 4 30100
SOPORTE PLANET CONJUNTO FD & RD 17620 & 17800☒	A 4 30110

T

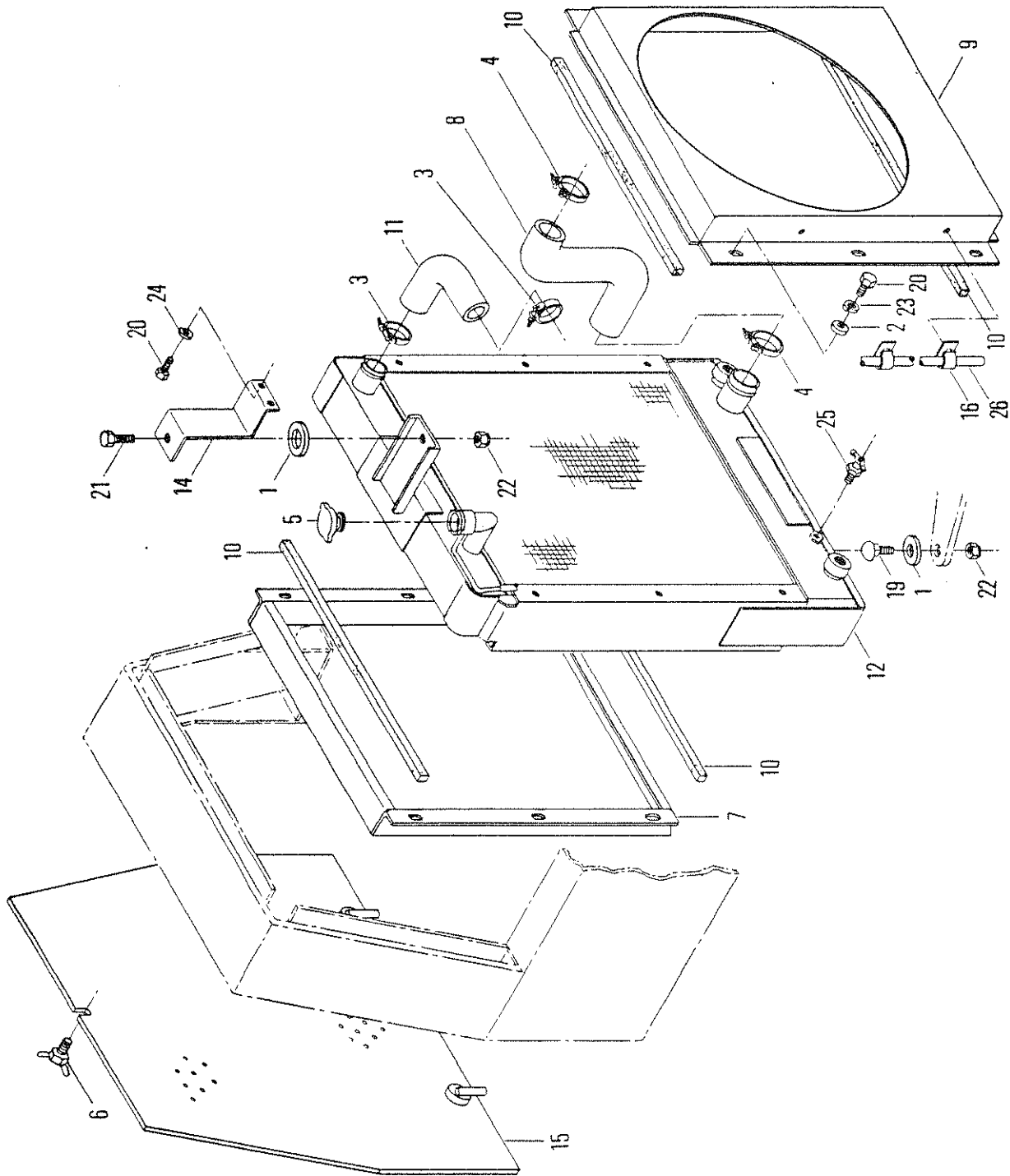
TAMBOR DE CONTROLS DEL FRENO DE SERVICIO	A 7 15100
	A 7 15150
	A 7 15200
TRANSMISIÓN Y CONVERTIDORES HIDRÁULICOS	A 8 10020
	A 8 10040
TRANSMISIÓN, CONJUNTO - 2420	A 3 10000
	A 3 10050

U

UNIDAD MANDO PRINCIPAL DEL GUINCHE-GEARMATIC	A 6 13000
UNIDAD MANDO PRINCIPAL DEL GUINCHE-CLARK	A 6 14000

V

VÁLVULA, REGULADOR	A 2 25050
VÁLVULA DE CERRADURA DE GARRA	E 2 40000
VÁLVULA DE CONTROL DE TRANSMISIÓN	A 3 13050
	A 3 13050
VÁLVULA DE CONTROL, ARCO, AGARRADERA Y MOTOR	E 2 30650
VÁLVULA DE CONTROL, DIRECCIÓN Y CUCHILLA	E 2 30100
	E 2 30200
VÁLVULA DEL REGULADOR	A 2 25050
VÁLVULA, CERRADURA DE GARRA	E 2 40000
VÁLVULA, CONTROL DE TRANSMISIÓN	A 3 13050
VÁLVULA, DIRECCIÓN Y CUCHILLA	E 2 30100
	E 2 30200



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	518233	3	Pad	tampon	Polster	almofada	almohadilla
2	619018	8	Washer	rondelle	Scheibe	arruela	arandela
3	784663	2	Clamp	pince	Schelle	braçadeira	abrazadera
4	879717	2	Clamp	pince	Schelle	braçadeira	abrazadera
5	884378	1	Cap	chapeau	Kappe	tampa	tapa
6	1901362	1	Bolt	boulon	Bolzen	parafuso	bulón
7	1901378	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
8	1901528	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1901565	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
10	1901632	4	Weatherstrip	calfatage	Zugluftabschliesser	tira vedadora	calafate ventana
11	1902613	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
12	1904582	1	Radiator assy	radiateur ens	Kühler vollst	radiador conj	radiador conj
13	1907026	2	Support	support	Abstützung	suporte	soporte
14	1907027	1	Bracket	support	Winkel	grampo	grampa
15	1908725	1	Grille	grille	Grill	grade	careta
16	1990258	2	Clip	attache	Schelle	braçadeira	abrazadera
17	1990504	1	Gasket	garniture	Dichtung	gaxeta	empacquetadura
18	1990505	1	Sight glass	viseur	Anzeigeglas	visor	miralla
19	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
20	17C000408	8	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
22	17D000006	5	Nut	écrou	Mutter	porca	tuerca
23	24E000004	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	24E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
26	S-----	1	Tube	tube	Rohr	tubo	tubo

¹ Item 13 & 14 are serviced together

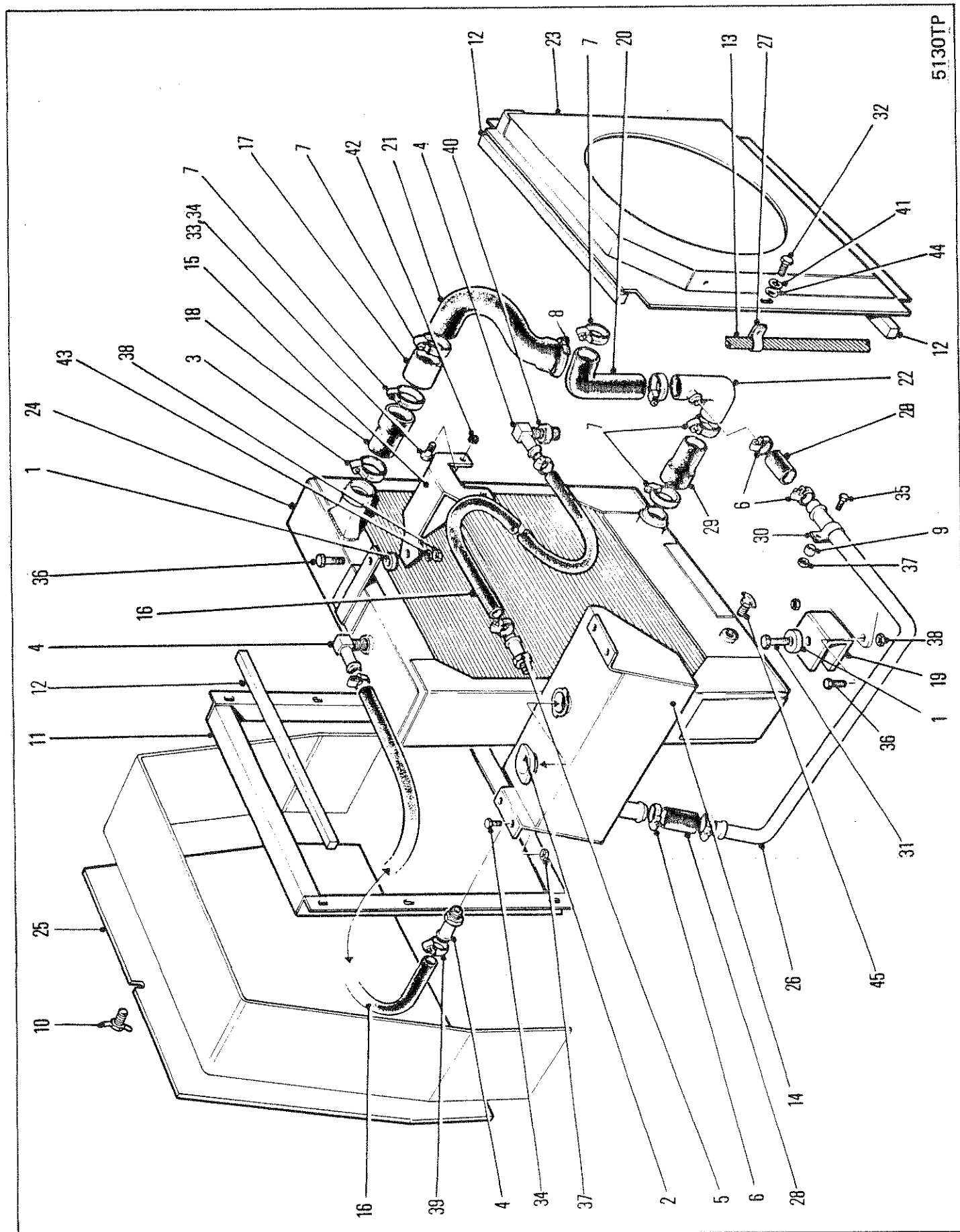
¹ L'entretien des articles 13 et 14 se fait en même temps

¹ Pos. 13 & 14 werden gemeinsam gewartet

¹ a manutenção dos itens 13 e 14 é feita ao mesmo tempo

¹ Los artículos 13 & 14 son mantenidos juntos

² Ref RSG 160A & 181A



5130TP

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

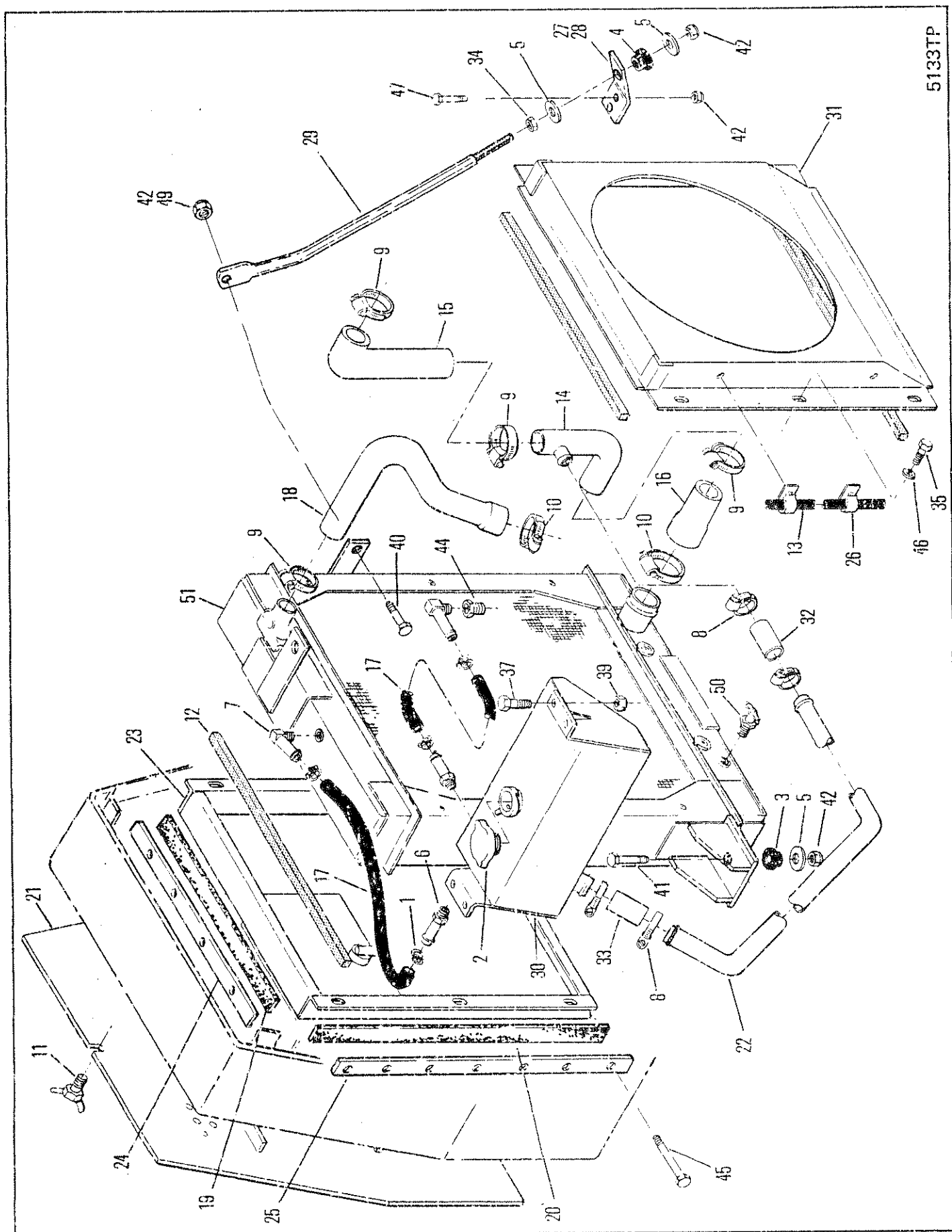
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	518233	3	Pad	tampon	Polster	almofada	almohadilla
2	1926961	1	Cap	chapeau	Kappe	tampa	tapa
3	42H000028	2	Clamp	pince	Schelle	braçadeira	abrazadera
4	666838	3	Elbow	coude	Winkelrohr	cotovêlo	codo
5	666863	1	Connector	raccord	Verbindungsstück	ligador	conector
6	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
7	784663	8	Clamp	pince	Schelle	braçadeira	abrazadera
8	875248	1	Clamp	pince	Schelle	braçadeira	abrazadera
9	1301253	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	1901362	1	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
11	1901378	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
12	1901632	4	Weatherstrip	caifatage	Zugluftabschliesser	tira vedadora	cafatate ventana
13	1904058	1	Tube	tube	Rohr	tubo	tubo
14	1904594	1	Surge tank	réservoir dexpan	Buffertank	tanque de compens	tq golpe sobrtén
15	1904695	1	Bracket	support	Winkel	grampo	grampa
16	1904728	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1904747	1	Tube	tube	Rohr	tubo	tubo
18	1904748	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1907026	2	Bracket	support	Winkel	grampo	grampa
20	1907974	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1907981	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1907984	1	Tube	tube	Rohr	tubo	tubo
23	1908108	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
24 ^{1,20}	1908109	1	Radiator assy	radiateur ens	Kühler vollst	radiador conj	radiador conj
25	1908725	1	Grille assembly	ensemble-grille	Grillsatz	conjunto da grade	conjunto de la rejilla
26	1908984	1	Tube	tube	Rohr	tubo	tubo
27	1914340	2	Clamp	pince	Schelle	braçadeira	abrazadera
28	1M008030	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	1M016050	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	6H000020	1	Clip	attache	Schelle	braçadeira	abrazadera
31	7C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
32	17C000410	8	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000610	1	Bolt	boulon	Bolzen	parafuso	bulón
34	17C000620	5	Bolt	boulon	Bolzen	parafuso	bulón
35	17C000648	1	Bolt	boulon	Bolzen	parafuso	bulón
36	17C000824	3	Bolt	boulon	Bolzen	parafuso	bulón
37	17D000003	6	Nut	écrou	Mutter	porca	tuerca
38	17D000006	5	Nut	écrou	Mutter	porca	tuerca
39	17H000008	4	Clamp	pince	Schelle	braçadeira	abrazadera
40	19F000004	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
41	24E000004	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
43	24E000021	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
44	25E000013	8	Washer	rondelle	Scheibe	arruela	arandela
45	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
46	1991157	1	Bottom tank	reservoir inférieur	Unterer Tank	reservatório inferior	depósito inferior

¹ Ref RSG 160B & 181A

² Inc 46

664GM
664GMGR

514E-101-CAC → 514F-2910-CAC
508A-317-CAC → 508B-9999-CAC

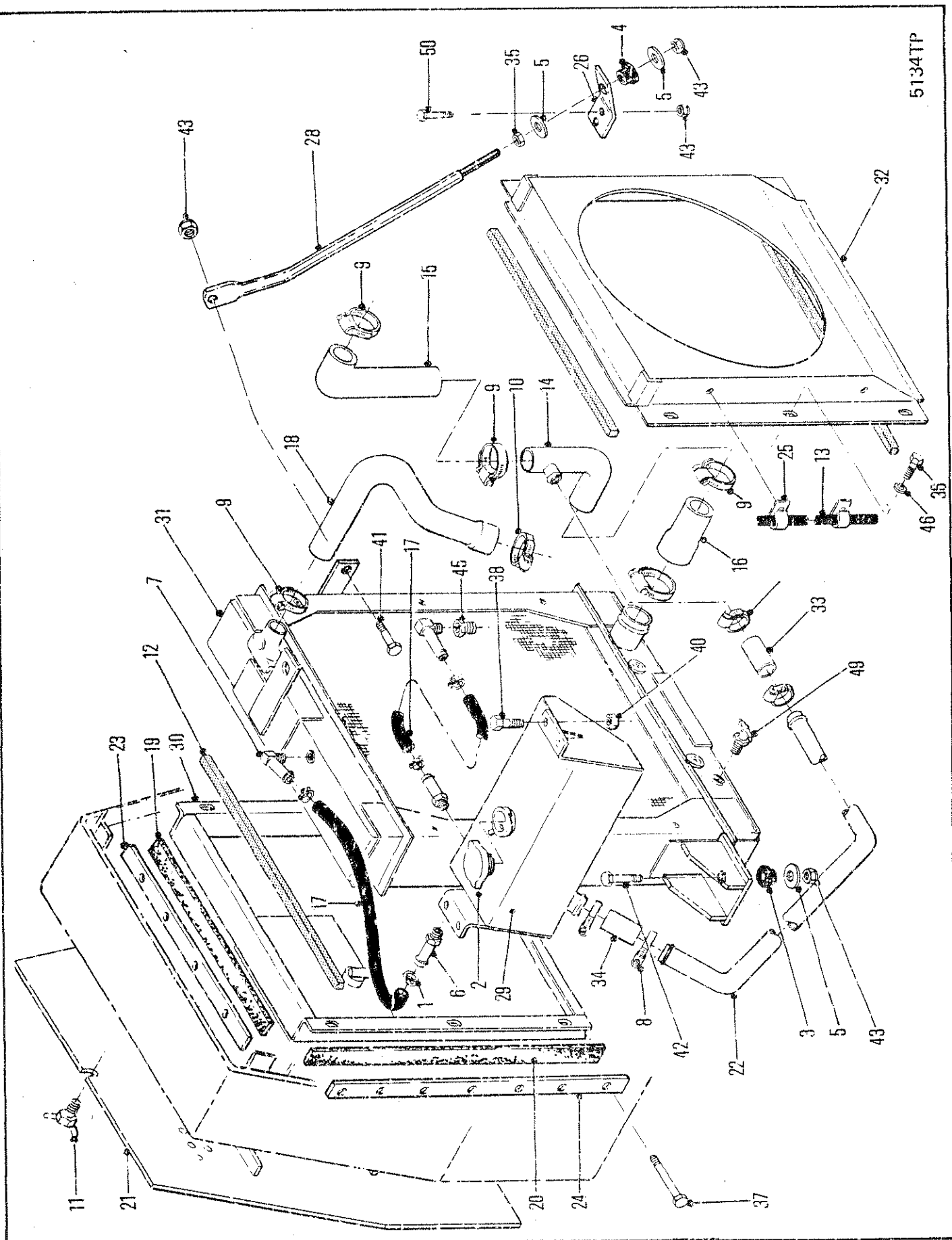


5133TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	364199	4	Clamp	pince	Schelle	braçadeira	abrazadera
2	1926961	1	Cap	chapeau	Kappe	tampa	tapa
3	569739	2	Mount	support	Befestigung	apoio	montura
4	584501	2	Mount	support	Befestigung	apoio	montura
5	616796	6	Washer	rondelle	Scheibe	arruela	arandela
6	666838	2	Connector	raccord	Verbindungsstück	ligador	conector
7	666863	2	Connector	raccord	Verbindungsstück	ligador	conector
8	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
9	784663	4	Clamp	pince	Schelle	braçadeira	abrazadera
10	875248	2	Clamp	pince	Schelle	braçadeira	abrazadera
11	1901362	1	Bolt	boulon	Bolzen	parafuso	bulón
12	1901632	4	Weatherstrip	calfatage	Zugluftabschliesser	tira vedadora	calafate ventana
13	1904058	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1904588	1	Tube	tube	Rohr	tubo	tubo
15	1904595	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1904700	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1904728	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1904746	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1905762	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
20	1905766	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
21	1908725	1	Grille	grille	Grill	grade	careta
22	1909533	1	Tube	tube	Rohr	tubo	tubo
23	1911514	1	Front shroud	capot avant	Vord Haube	arco de ref. d'ant	cubierta delant
24	1911520	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
25	1911522	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
26	1914340	2	Clip	attache	Schelle	braçadeira	abrazadera
27	1914969	1	Bracket	support	Winkel	grampo	grampa
28	1914970	1	Bracket	support	Winkel	grampo	grampa
29	1915040	2	Rod	tige	Stange	varão	varilla
30	1915188	1	Surge tank	réservoir dexpan	Buffertank	tanque de compens	tg. golpe sobrtén
31	1918848	1	Rear shroud	capot arrière	Hintere Haube	aro de ref. tras	cubierta tras
32	1M008030	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
33	1M008040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	8D000008	2	Nut	écrou	Mutter	porca	tuerca
35	17C000410	16	Bolt	boulon	Bolzen	parafuso	bulón
36	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
37	17C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
38	17D000001	16	Nut	écrou	Mutter	porca	tuerca
39	17D000003	4	Nut	écrou	Mutter	porca	tuerca
40	18C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
41	18C000844	2	Bolt	boulon	Bolzen	parafuso	bulón
42	18D000008	10	Nut	écrou	Mutter	porca	tuerca
43	19F000001	1	Reducer	réducteur	Reduzierstück	reductor	reductor
44	19F000004	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
45	17C000412	14	Bolt	boulon	Bolzen	parafuso	bulón
46	24E000004	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
47	24E000824	4	Bolt	boulon	Bolzen	parafuso	bulón
48	25E000013	12	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
49	25E000021	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
50	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
51	1915103	1	Radiator assy	radiateur ens	Kühler vollst	radiador conj	radiador conj

1 Ref RSG 160A, 181A & 138B

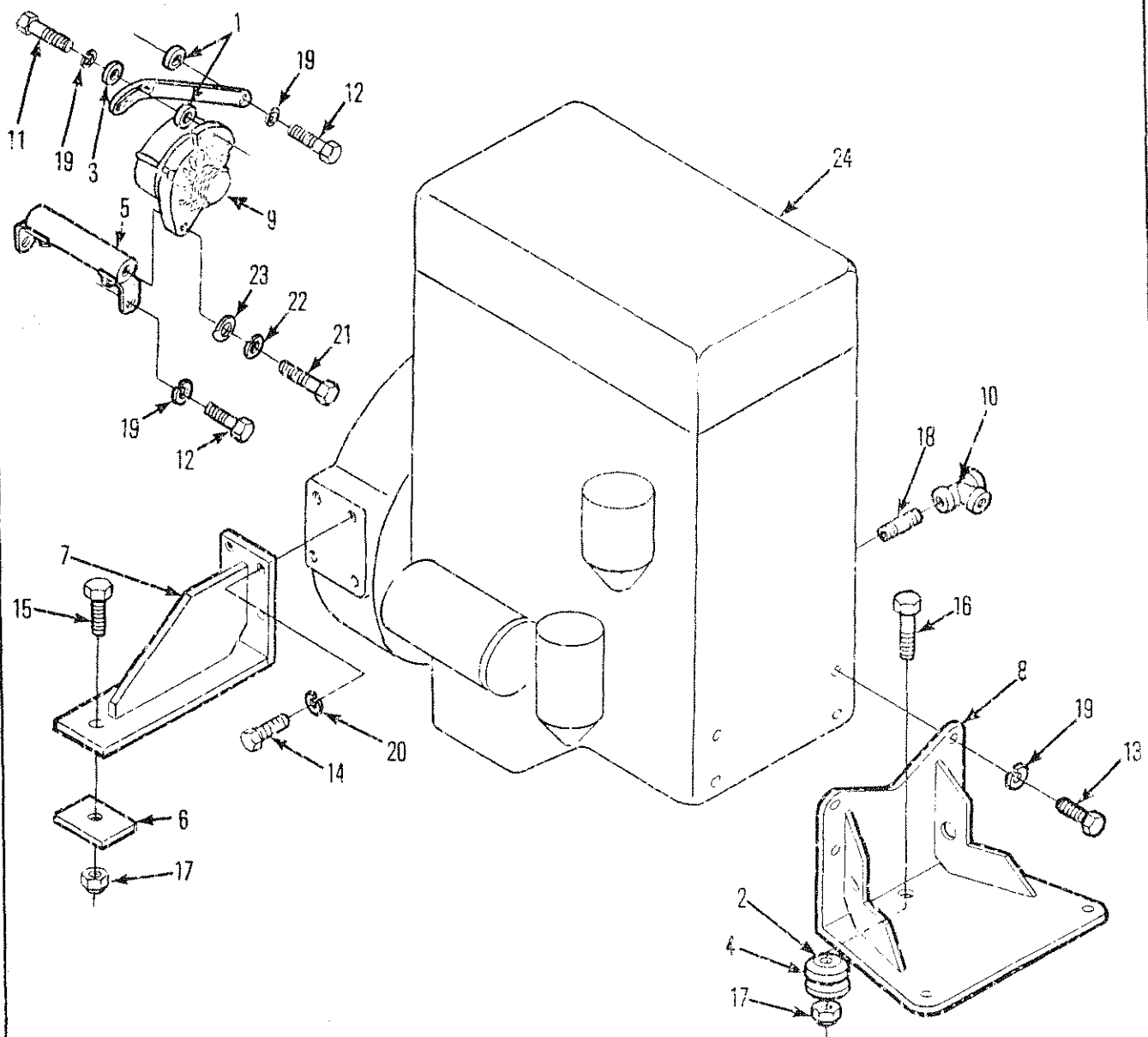


5134TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	364199	4	Clamp	pince	Schelle	braçadeira	abrazadera
2	1926961	1	Cap	chapeau	Kappe	tampa	tapa
3	569739	2	Mount	support	Befestigung	apoio	montura
4	584501	2	Mount	support	Befestigung	apoio	montura
5	616796	6	Washer	rondelle	Scheibe	arruela	arandela
6	666838	2	Connector	raccord	Verbindungsstück	ligador	conector
7	666863	2	Connector	raccord	Verbindungsstück	ligador	conector
8	756853	4	Clamp	pince	Schelle	braçadeira	abrazadera
9	784663	4	Clamp	pince	Schelle	braçadeira	abrazadera
10	875248	2	Clamp	pince	Schelle	braçadeira	abrazadera
11	1901362	1	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
12	1901632	4	Weatherstrip	caifatage	Zugluftabschliesser	tira vedadora	calafate ventana
13	1904058	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1904588	1	Tube	tube	Rohr	tubo	tubo
15	1904595	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1904700	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1904728	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1904746	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1905762	2	Rubber strip	bande de caoutchouc	Gummistreifen	tira de borracha	tira de goma
20	1905766	2	Rubber strip	bande de caoutchouc	Gummistreifen	tira de borracha	tira de goma
21	1908725	1	Grille	grille	Grill	grade	careta
22	1909533	1	Tube	tube	Rohr	tubo	tubo
23	1911520	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
24	1911522	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
25	1914340	2	Clamp	pince	Schelle	braçadeira	abrazadera
26	1914969	1	Bracket	support	Winkel	grampo	grampa
27	1914970	1	Bracket	support	Winkel	grampo	grampa
28	1915040	2	Rod	tige	Stange	varão	varilla
29	1915188	1	Surge tank	réservoir d'expansion	Buffertank	tanque de compens	tq golpe sobrtén
30	1922371	1	Shroud front	capot avant	Vord Haube	arco de ref. diant	cubierta delant
31	1922460	1	Radiator	radiateur	Kühler	radiador	radiador
32	1923097	1	Shroud rear	capot arrière	Hintee Haube	aro de ref. tras	cubierta tras
33	1M008030	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	1M008040	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	8D000008	2	Nut	écrou	Mutter	porca	tuerca
36	17C000410	16	Bolt	boulon	Bolzen	parafuso	bulón
37	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
38	17C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
39	17D000001	16	Nut	écrou	Mutter	porca	tuerca
40	17D000003	4	Nut	écrou	Mutter	porca	tuerca
41	18C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
42	18C000844	2	Bolt	boulon	Bolzen	parafuso	bulón
43	18D000008	10	Nut	écrou	Mutter	porca	tuerca
44	19F000001	1	Reducer	réducteur	Reduzierstück	reductor	reductor
45	19F000004	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
46	24E000004	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
47	25E000013	12	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
48	25E000021	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
49	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
50	18C000824	4	Bolt	boulon	Bolzen	parafuso	bulón

1 Ref RSG 138C



5190TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	209915	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
2	524703	1	Pad	tampon	Polster	almofada	almohadilla
3	619019	1	Washer	rondelle	Scheibe	arruela	arandela
4	664427	1	Washer	rondelle	Scheibe	arruela	arandela
5	1667685	1	Mounting kit	ensemble de montage	Befestigungssatz	conj montagem	conj montura
6	1900802	2	Pad	tampon	Polster	almofada	almohadilla
7	1901024	2	Bracket	support	Winkel	grampo	grampa
8	1905051	1	Bracket	support	Winkel	grampo	grampa
9	10-----	-	Alternator	alternateur	Alternator	alternador	alternador
10	5K000108	1	Tee	raccord T	T-Verbindungsstück	te	te
11	17C000516	1	Bolt	boulon	Bolzen	parafuso	bulón
12	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
13	17C000650	4	Bolt	boulon	Bolzen	parafuso	bulón
14	17C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
15	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
16	17C001048	1	Bolt	boulon	Bolzen	parafuso	bulón
17	17D000009	3	Nut	écrou	Mutter	porca	tuerca
18	18F000001	1	Nipple	raccord	Nippel	niple	niple
19	24E000006	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	24E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	2S-----	1	Bolt	boulon	Bolzen	parafuso	bulón
22	2S-----	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	2S-----	1	Washer	rondelle	Scheibe	arruela	arandela
24	-----	1	Engine	moteur	Motor	motor	motor
25	10-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador
26	10-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent

¹ Inc. 21 → 23

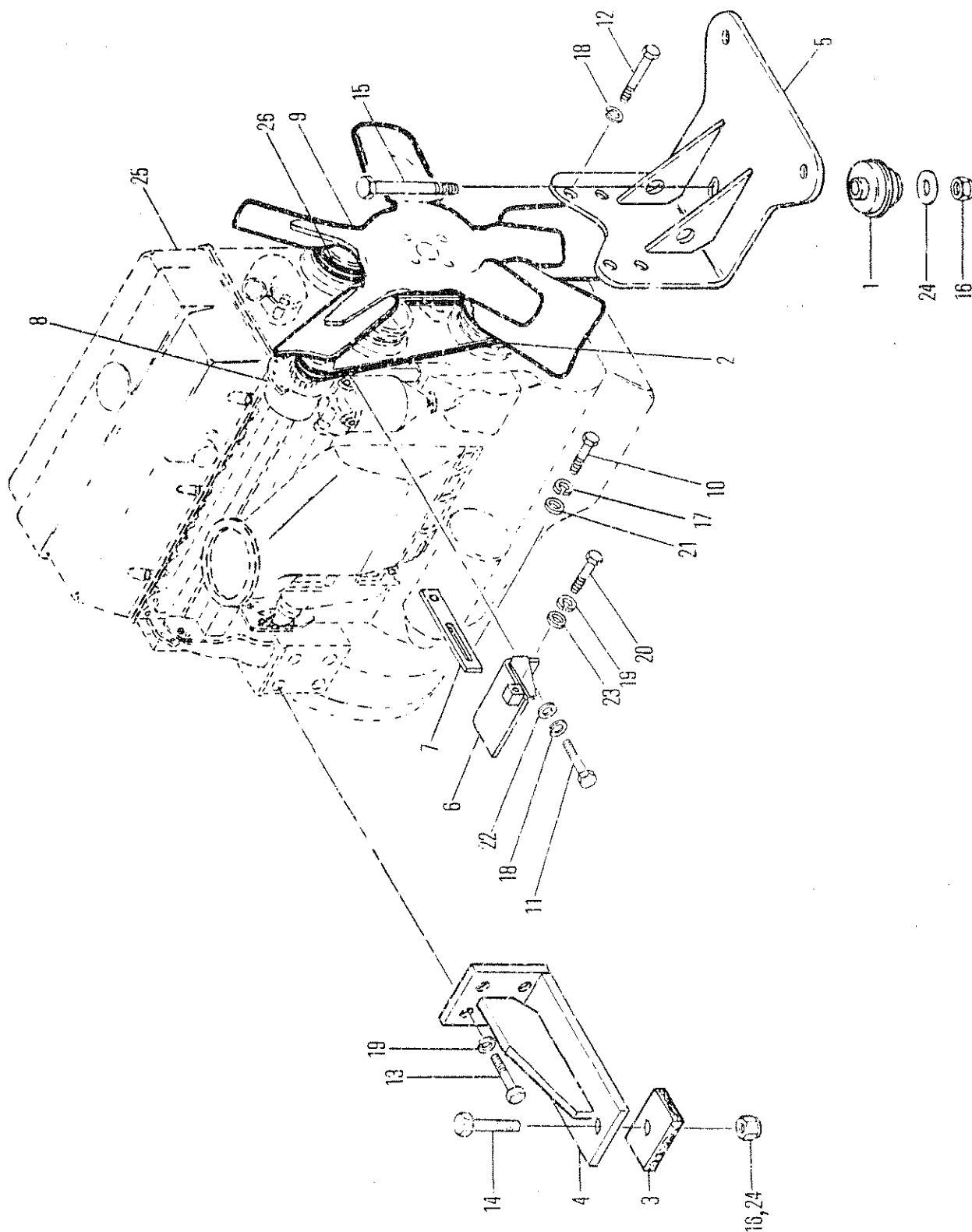
² See item 5

² Voir 5

² Siehe 5

² Veja 5

² Véase 5

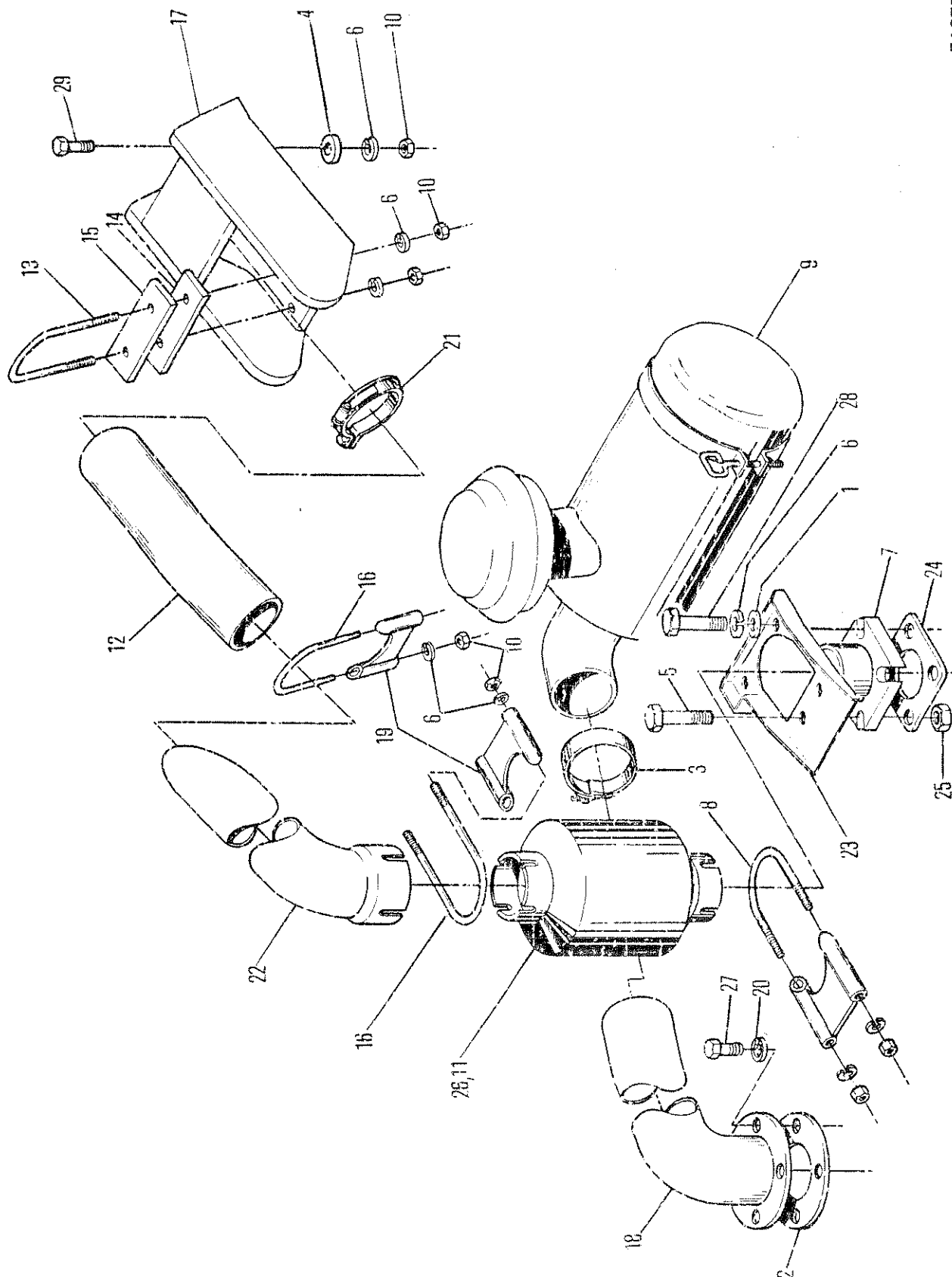


ENGINE MOUNTINGS GM
SUPPORTS ÉLASTIQUE DU MOTEUR GM
MOTORBEFESTIGUNGEN GM
SUPORTES DE MONTAGEM DO MOTOR GM
PATAS DE MONTAJE ELÁSTICO DEL MOTOR GM

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	524703	1	Pad	tampon	Polster	almofada	almohadilla
2	○-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correia do alternador	Correa del alternador
3	1900802	2	Pad	tampon	Polster	almofada	almohadilla
4	1901024	2	Bracket	support	Winkel	grampo	grampa
5	1905051	1	Bracket	support	Winkel	grampo	grampa
6	1905417	1	Bracket	support	Winkel	grampo	grampa
7	1921275	1	Strap	bande	Band	faixa	banda
8	○-----	-	Alternator	alternateur	Alternator	alternador	alternador
9	1907711	1	Sucker fan	ventilateur aspirant	Saugerventil	ventoinha aspiração	ventilador de succión
10	17C000514	1	Bolt	boulon	Bolzen	parafuso	bulón
11	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
12	17C000660	4	Bolt	boulon	Bolzen	parafuso	bulón
13	17C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
14	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
15	17C001048	1	Bolt	boulon	Bolzen	parafuso	bulón
16	17D000009	3	Nut	écrou	Mutter	porca	tuerca
17	24E000005	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	24E000006	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	24E000008	9	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	24E000840	1	Bolt	boulon	Bolzen	parafuso	bulón
21	25E000015	1	Washer	rondelle	Scheibe	arruela	arandela
22	25E000017	3	Washer	rondelle	Scheibe	arruela	arandela
23	25E000021	1	Washer	rondelle	Scheibe	arruela	arandela
24	25E000025	1	Washer	rondelle	Scheibe	arruela	arandela
25	-----	-	Engine	moteur	Motor	motor	motor
26	○-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent

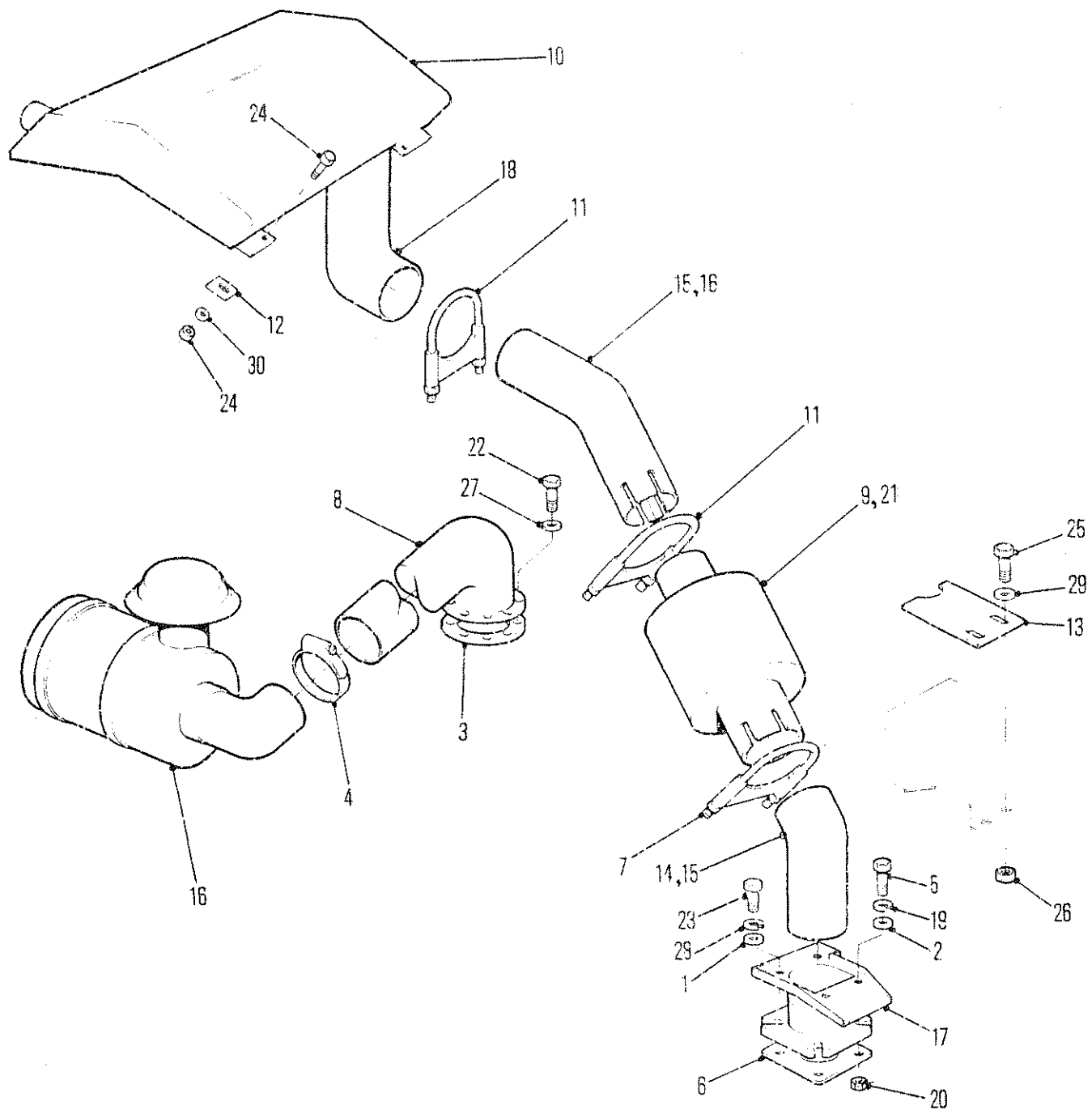
¹ 664

² Inc 24



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	209915	4	Washer	rondelle	Scheibe	arruela	arandela
2	527096	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
3	43H001450	2	Clamp	pince	Schelle	braçadeira	abrazadera
4	664871	2	Washer	rondelle	Scheibe	arruela	arandela
5	1304938	2	Bolt	boulon	Bolzen	parafuso	bulón
6	24E000006	22	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	1901475	2	Flange	flange	Flansch	bride	brida
8	1901479	2	Clamp	pince	Schelle	braçadeira	abrazadera
9	1901718	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
10	63D000006	14	Nut	écrou	Mutter	porca	tuerca
11	1901766	2	Muffler	silencieux	Auspufftopf	silenciador	silenciador
12	1901844	2	Tailpipe	tuyau déchappement	Auspuffrohr	cano escape	caño escape
13	1901852	2	U-bolt	boulon U	U-Bolzen	cavilha U	bulón U
14	1901854	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
15	1901855	1	Flat	méplat	Fläche	bloco plano	planchuela
16	1901856	4	U-bolt	boulon U	U-Bolzen	cavilha U	bulón U
17	1901859	2	Guard	protecteur	Schutz	proteção	protector
18	1902041	1	Tube	tube	Rohr	tubo	tubo
19	1902064	4	Clamp	pince	Schelle	braçadeira	abrazadera
20	24E000005	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	1902719	2	Rain cap	capuchon deau	Regenkappe	coberta p/chuva	tapa p/lluvia
22	1904410	2	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
23	1909003	1	Debris shield	ecran de débris	Schutzschild	abrigo de esc	resg deshechos
24	1990270	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
25	8D000006	2	Nut	écrou	Mutter	porca	tuerca
26	†13F000012	2	Plug	bouchon	Stopfen	bujão	tapón
27	17C000514	8	Bolt	boulon	Bolzen	parafuso	bulón
28	17C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
29	17C000628	2	Bolt	boulon	Bolzen	parafuso	bulón

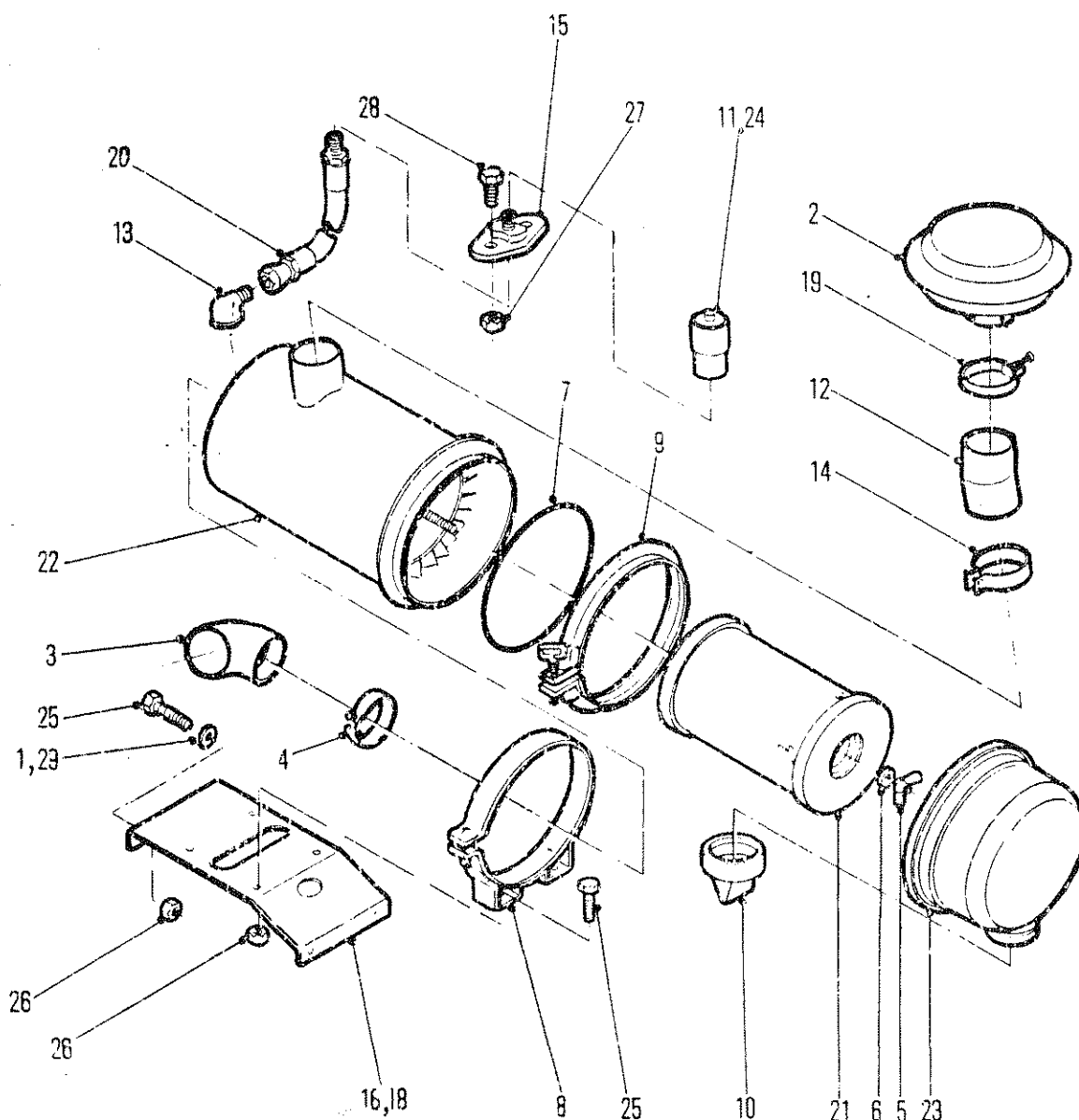


6657TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	209915	3	Washer	rondelle	Scheibe	arruela	arandela
2	215909	1	Washer	rondelle	Scheibe	arruela	arandela
3	527096	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
4	43H001450	1	Clamp	pince	Schelle	braçadeira	abrazadera
5	1304938	1	Bolt	boulon	Bolzen	parafuso	bulón
6	1700333	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	1901479	1	Clamp	pince	Schelle	braçadeira	abrazadera
8	1902041	1	Tube	tube	Rohr	tubo	tubo
9	1902490	1	Spark arrester	pare-étincelles	Funkenfnger	para-faíscas	apagachispa
10	1902842	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
11	1902848	2	Clamp	pince	Schelle	braçadeira	abrazadera
12	1902971	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
13	1906452	1	Cover	couvercle	Deckel	tampa	tapa
14	1906454	1	Flange	flange	Flansch	bride	brida
15	1906455	2	Exhaust tube	tuyau déchappement	Auspuffrohr	tubo de exaustão	cano de escape
16	○-----	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
17	1909003	1	Debris shield	ecran de débris	Schutzschild	abrigo de esc	resg deshechos
18	1902835	1	Tube	tube	Rohr	tubo	tubo
19	4E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	7D000006	1	Nut	écrou	Mutter	porca	tuerca
21	13F000006	1	Plug	bouchon	Stopfen	bujão	tapón
22	17C000514	4	Bolt	boulon	Bolzen	parafuso	bulón
23	17C000620	3	Bolt	boulon	Bolzen	parafuso	bulón
24	17C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
26	17D000001	2	Nut	écrou	Mutter	porca	tuerca
27	24E000005	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	24E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	25E000013	2	Washer	rondelle	Scheibe	arruela	arandela
30	25E000021	4	Washer	rondelle	Scheibe	arruela	arandela

□ 514E-101 → 1150-CAC, 508A-101 → 320-CAC



5230TP

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

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1901718	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
1	103293	4	Washer	rondelle	Scheibe	arruela	arandela
2	5111512	1	Cap	chapeau	Kappe	tampa	tapa
3	1902171	2	Elbow	coude	Winkelrohr	cotovêlo	codo
4	43H001450	1	Clamp	pince	Schelle	braçadeira	abrazadera
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	pince	Schelle	braçadeira	abrazadera
10	946860	1	Valve,vacuator	soupape exhausteur	Ventilabfluss	válvula evacuação	válvula e
11	31529625	1	Indicator assy	indicateur ens	Messer volist	indicador conj	indicador conj
12	1901701	1	Tube,extension	exten de conduite	Schlauchverlanger	extensao do tubo	extension tubo
13	85F000004	1	Fitting	ajustage	Verbindung	ajuste	acessorio
14	1901722	1	Clamp	pince	Schelle	braçadeira	abrazadera
15	1901972	1	Flange	bride	Flansch	flange	brida
16	1902030	1	Mount	support	Befestigung	apoio	montura
17	6†1906507	1	Screen	crible	Sieb	tela	tamiz
18	1915075	1	Mount	support	Befestigung	apoio	montura
19	4S-----	1	Clamp	pince	Schelle	braçadeira	abrazadera
20	1917182	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1990248	1	Element,filter	élément filtre	Filtereinsatz	elemento filtro	elemento filtro
22	1990249	1	Body	carrosserie	Karosserie	carroçria	carroceria
23	1990250	1	Cup	cuvette	Schale	capa	cubeta
24	26515007	1	Indicator assy	indicateur ens	Messer volist	indicador conj	indicador conj
25	17C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
26	17D000003	8	Nut	écrou	Mutter	porca	tuerca
27	18D000004	2	Nut	écrou	Mutter	porca	tuerca
28	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
29	25E000017	4	Washer	rondelle	Scheibe	arruela	arandela

¹ Inc 5 → 7, 9, 10 & 21 → 23

² CUM

³ GM

⁴ See 2

⁴ Voir 2

⁴ Siehe 2

⁴ Veja 2

⁴ Véase 2

⁵ Inc. 19

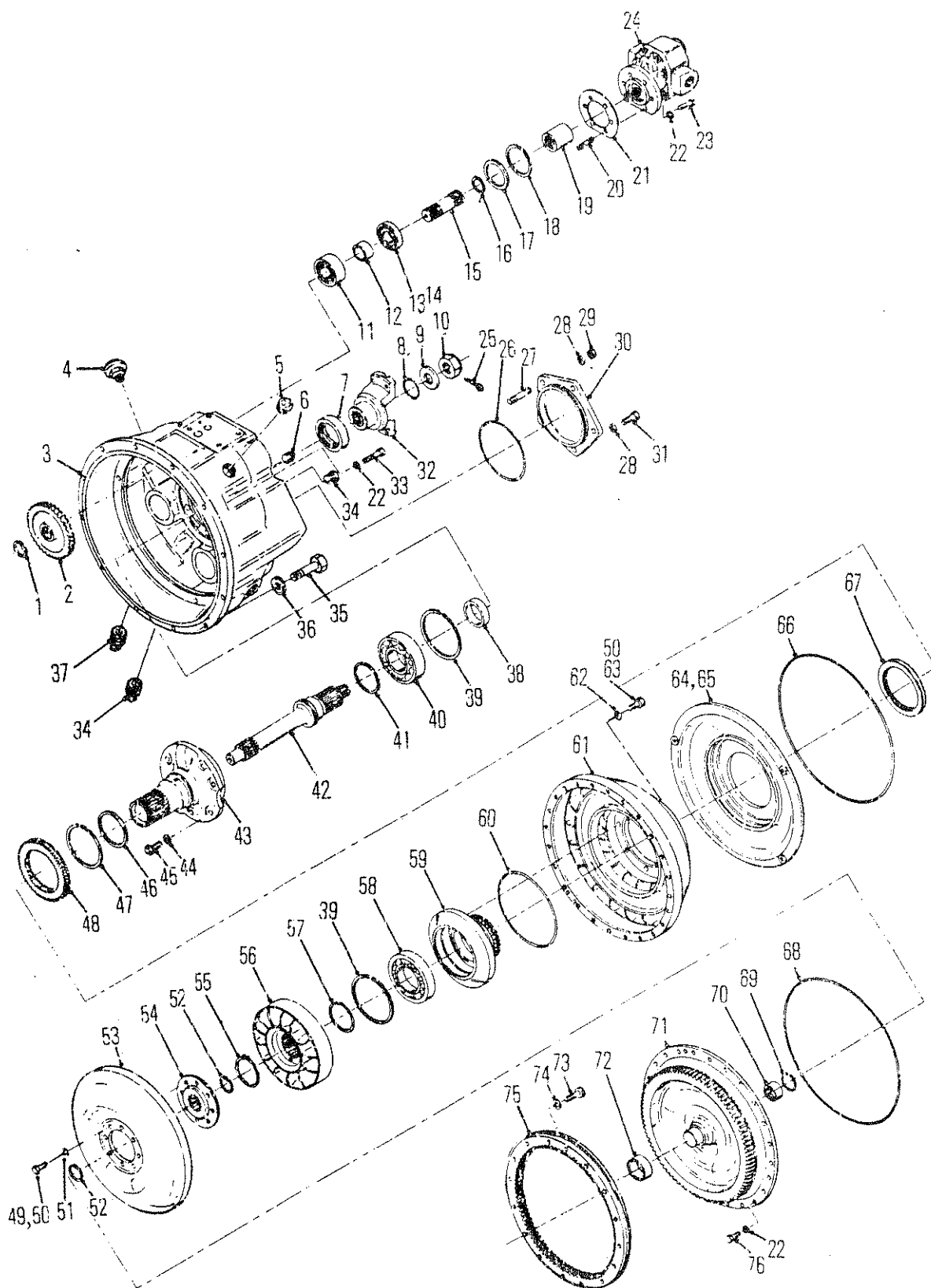
⁶ ☐ Soundproof machines only.

⁶ ☐ Machines insonorisées seulement

⁶ ☐ Nur für Maschinen mit Schallabdichtung

⁶ ☐ Motores de isolamento acústica

⁶ ☐ Máquinas insonorizadas solamente



6528TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	286288	1	Torque conv	convert de couple	Drenmomentwandler	conversor de torque	convtdor torsión
B	801524	1	Cover	couvercle	Deckel	tampa	tapa
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	102745	1	Washer	rondelle	Scheibe	arruela	arandela
10	201951	1	Nut	écrou	Mutter	porca	tuerca
11	214936	2	Bearing	palier	Lager	mancal	cojinete
12	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
13	214954	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
14	214956	2	Bearing	palier	Lager	mancal	cojinete
15	214928	2	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor
16	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
17	214929	2	Washer	rondelle	Scheibe	arruela	arandela
18	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
19	214961	1	Sleeve	manchon	Muffe	luva	manguito
20	207647	6	Stud	goujon	Stift	prisioneiro	espárrago
21	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
22	4E000006	33	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	8D000006	6	Nut	écrou	Mutter	porca	tuerca
24	450230	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
25	1F000424	1	Pin	goupille	Stift	pino	pasador
26	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
27	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
28	4E000007	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	8D000007	2	Nut	écrou	Mutter	porca	tuerca
30	214979	1	Cover	couvercle	Deckel	tampa	tapa
31	1C000720	6	Screw	vis	Schraube	parafuso	tornillo
32	215702	1	Flange,output	bride sortie	Flansche Ausgangs	flange saída	platina salida
33	1C000628	3	Screw	vis	Schraube	parafuso	tornillo
34	40K000002	3	Plug	bouchon	Stopfen	bujão	tapón
35	17C000620	12	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc. 237242 ring and 237243 spring

¹ Compren anneau 237242 et ressort 237243

¹ Hatte Ring 237242 und Feder 237243

¹ Incl. o anel 237242 et a mola 237243

¹ Inc. anillos 237242 y resortes 237243

² 801524 Inc 71 & 72

³ See B

³ Voir B

³ Siehe B

³ Veja B

³ Véase B

⁴ Inc. 57 and 229565 Reaction Member

⁴ Comprend 57 & 229565 stator

⁴ Ernschl. 57 and 229565 Stator

⁴ Incl. 57 & 229565 estator

⁴ Inc. 57 & 229565 estator

⁵ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

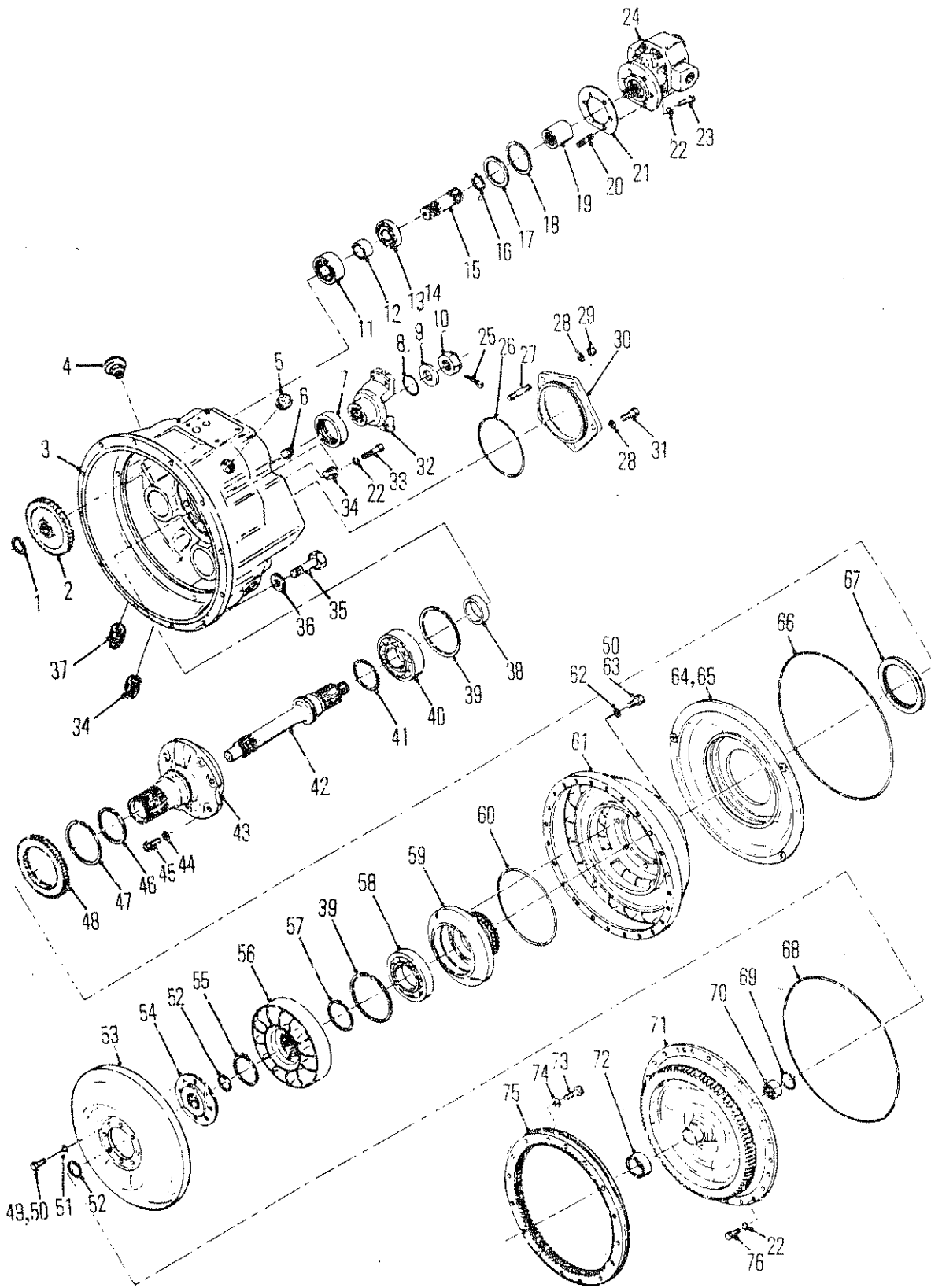
⁵ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium n° 237025 avec le déflecteur en aluminium.

⁵ Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminium Typ Nr. 237025.

⁵ Serviço do Defletor de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁵ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁶ Inc. 1→40, 43→81.



6528TP

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

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	24E000006	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
37	40K000016	1	Plug	bouchon	Stopfen	bujão	tapón
38	214984	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
39	214953	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
40	239742	1	Bearing	palier	Lager	mancal	cojinete
41	222079	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
42	214983	1	Shaft	arbre	Welle	ávore	árbol
43	237405	1	Stator	stator	Stator	estator	estator
44	7E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
45	1C000820	6	Screw	vis	Schraube	parafuso	tornillo
46	1801984	1	Ring kit	ens de la couronne	Ringsatz	conjunto de anéis	conj anillo
47	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
48	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
49	209313	8	Screw	vis	Schraube	parafuso	tornillo
50	28H000018	9	Lockwire	fil blocage	Sicherungsdraht	fio segurança	alambre seguridad
51	619023	1	Washer	rondelle	Scheibe	arruela	arandela
52	659065	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
53	222684	1	Turbine	turbine	Turbine	turbina	turbina
54	214924	1	Hub	moyeu	Nabe	cubo	cubo
55	743035	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
56	4801607	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
57	229566	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
58	214596	1	Bearing	palier	Lager	mancal	cojinete
59	214923	1	Hub	moyeu	Nabe	cubo	cubo
60	60K040616	1	O-ring	joint torique	O Ring	anel-O	anillo-O
61	214920	1	Impeller	impulseur	Pumprad	impulsor	impulsor
62	619025	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
63	4C000714	8	Bolt	boulon	Bolzen	parafuso	bulón
64	5214925	1	Oil baffle	défecteur huile	Iddeflektor	defletor óleo	deflector aceite
65	5802003	1	Baffle kit	jeu de déflecteur	Deflektorsatz	jogo deflector	juego de deflector
66	232535	1	Quad ring	anneau quadruple	Viererring	anel quad	anillo bastidor
67	5235593	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
68	60K041200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
69	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
70	214988	1	Bearing	palier	Lager	mancal	cojinete

¹ Inc. 237242 ring and 237243 spring

¹ Compren anneau 237242 et ressort 237243

¹ Hatte Ring 237242 und Feder 237243

¹ Incl. o anel 237242 et a mola 237243

¹ Inc. anillos 237242 y resortes 237243

² 801524 Inc 71 & 72

³ See B

³ Voir B

³ Siehe B

³ Veja B

³ Véase B

⁴ Inc. 57 and 229565 Reaction Member

⁴ Comprend 57 & 229565 stator

⁴ Ernschl. 57 and 229565 Stator

⁴ Incl. 57 & 229565 estator

⁴ Inc. 57 & 229565 estator

⁵ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

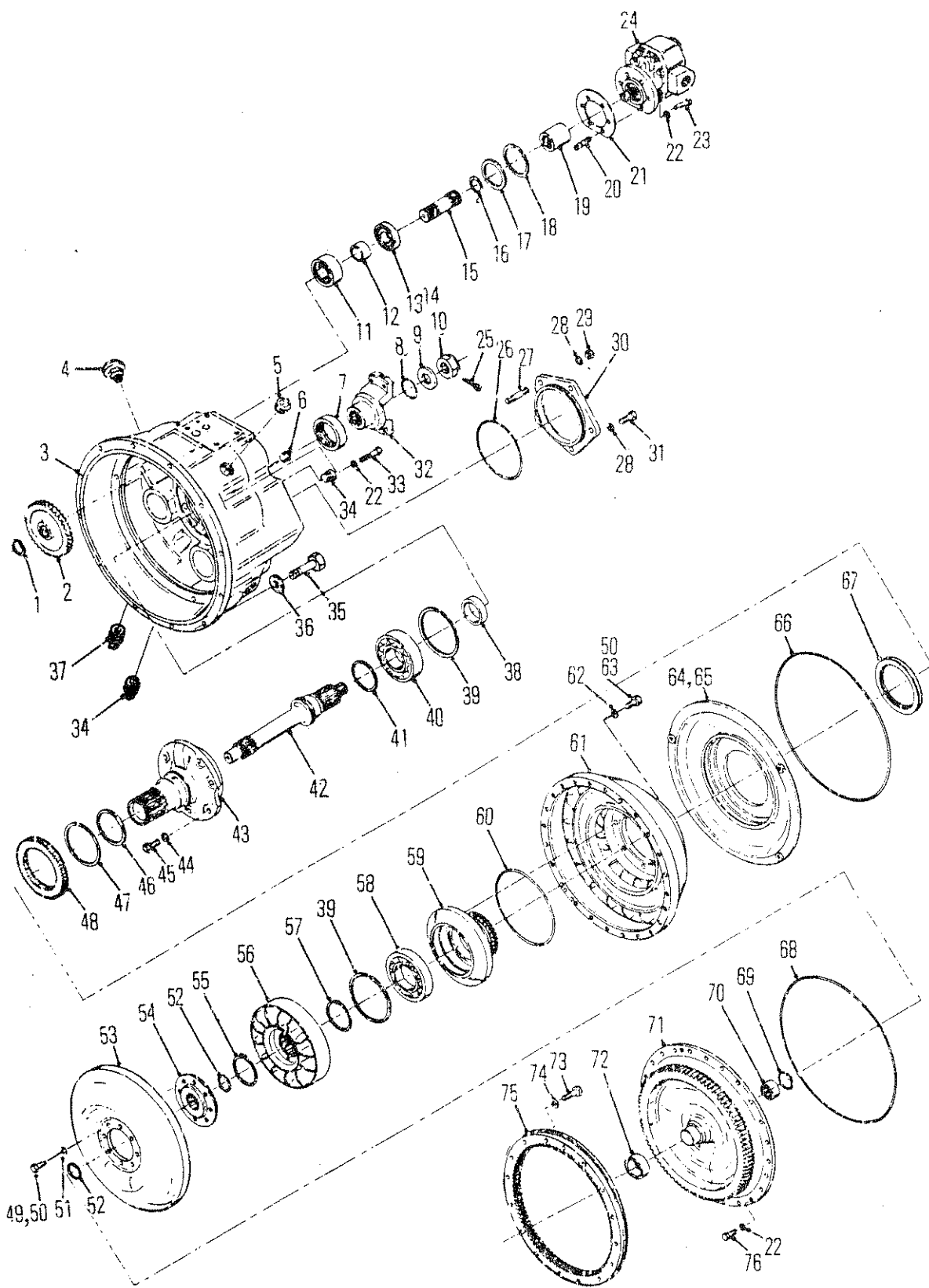
⁵ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint dy type aluminum n° 237025 avec le déflecteur en aluminum.

⁵ Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminum Typ Nr. 237025.

⁵ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁵ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁶ Inc. 1→40, 43→81.



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
70	214988	1	Bearing	palier	Lager	mancal	cojinete
71	§-----	1	Cover	couvercle	Deckel	tampa	tapa
72	222006	1	Sleeve	manchon	Muffe	luva	manguito
73	236288	16	Bolt	boulon	Bolzen	parafuso	bulón
74	215909	16	Washer	rondelle	Scheibe	arruela	arandela
75	233089	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
76	1C000616	24	Bolt	boulon	Bolzen	parafuso	bulón
77	†5C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
78	†207873	2	Screw	vis	Schraube	parafuso	tornillo
79	†223124	1	Cover	couvercle	Deckel	tampa	tapa
80	†223125	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
81	†220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre

¹ Inc. 237242 ring and 237243 spring

¹ Compren anneau 237242 et ressort 237243

¹ Hatte Ring 237242 und Feder 237243

¹ Incl. o anel 237242 et a mola 237243

¹ Inc. anillos 237242 y resortes 237243

² 801524 Inc 71 & 72

³ See B

³ Voir B

³ Siehe B

³ Veja B

³ Véase B

⁴ Inc. 57 and 229565 Reaction Member

⁴ Comprend 57 & 229565 stator

⁴ Ernschl. 57 and 229565 Stator

⁴ Incl. 57 & 229565 estator

⁴ Inc. 57 & 229565 estator

⁵ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

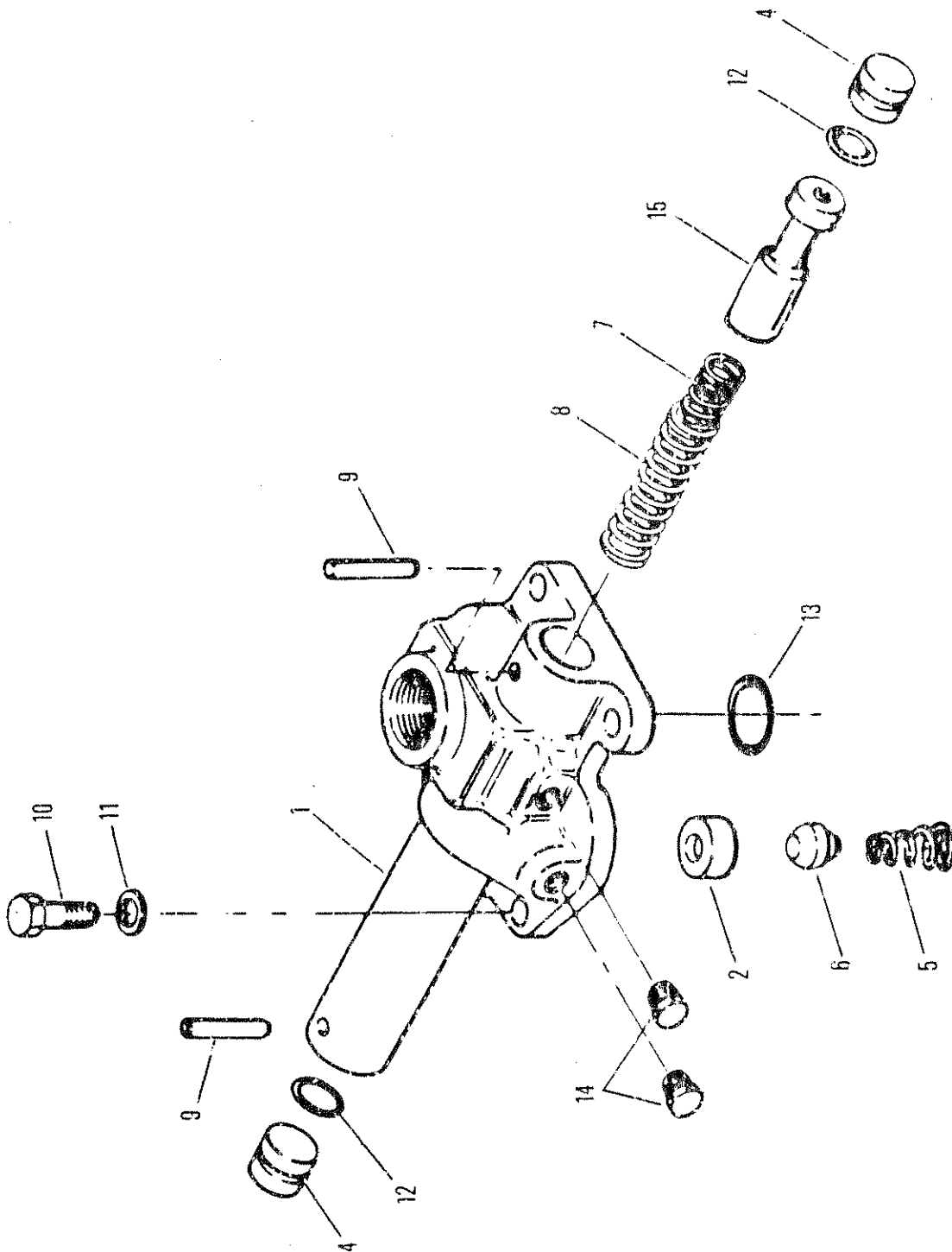
⁵ L'entretien du déflecteur en acier nécessite la trousse n. 802003. Utilisez le joint du type acier 235593 avec le joint dy type aluminum n. 237025 avec le déflecteur en aluminum.

⁵ Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminum Typ Nr. 237025.

⁵ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁵ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Alumínio No. 802003. Use sello tipo acero No. 235593 con el Deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁶ Inc. 1→40, 43→81.



REGULATOR VALVE
VANNE RÉGULATRICE
REGELVENTIL
VÁLVULA DO REGULADOR
VÁLVULA DEL REGULADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	214943	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

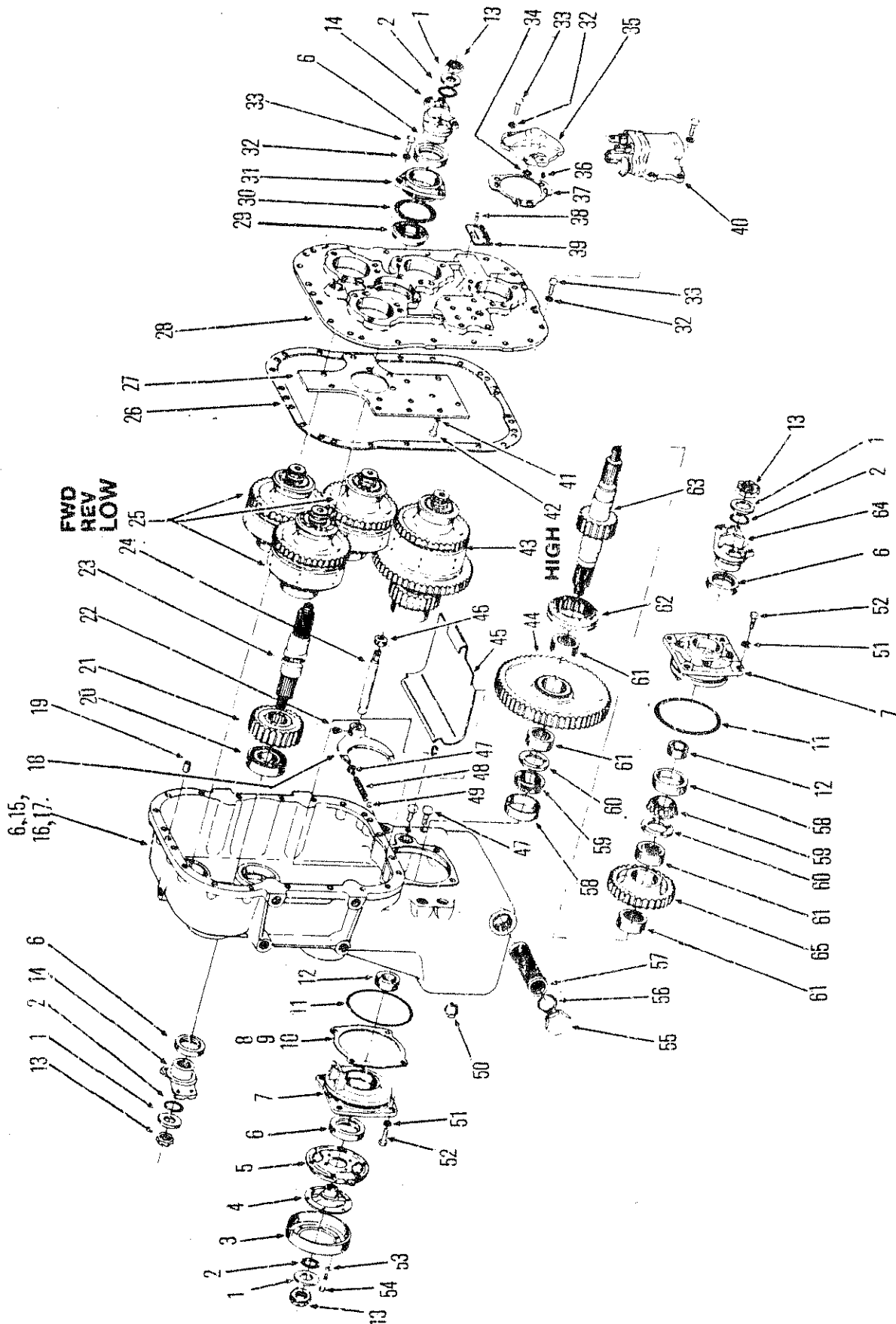
² See A

² Voir A

² Siehe A

² Veja A

² Véase A



5250TP

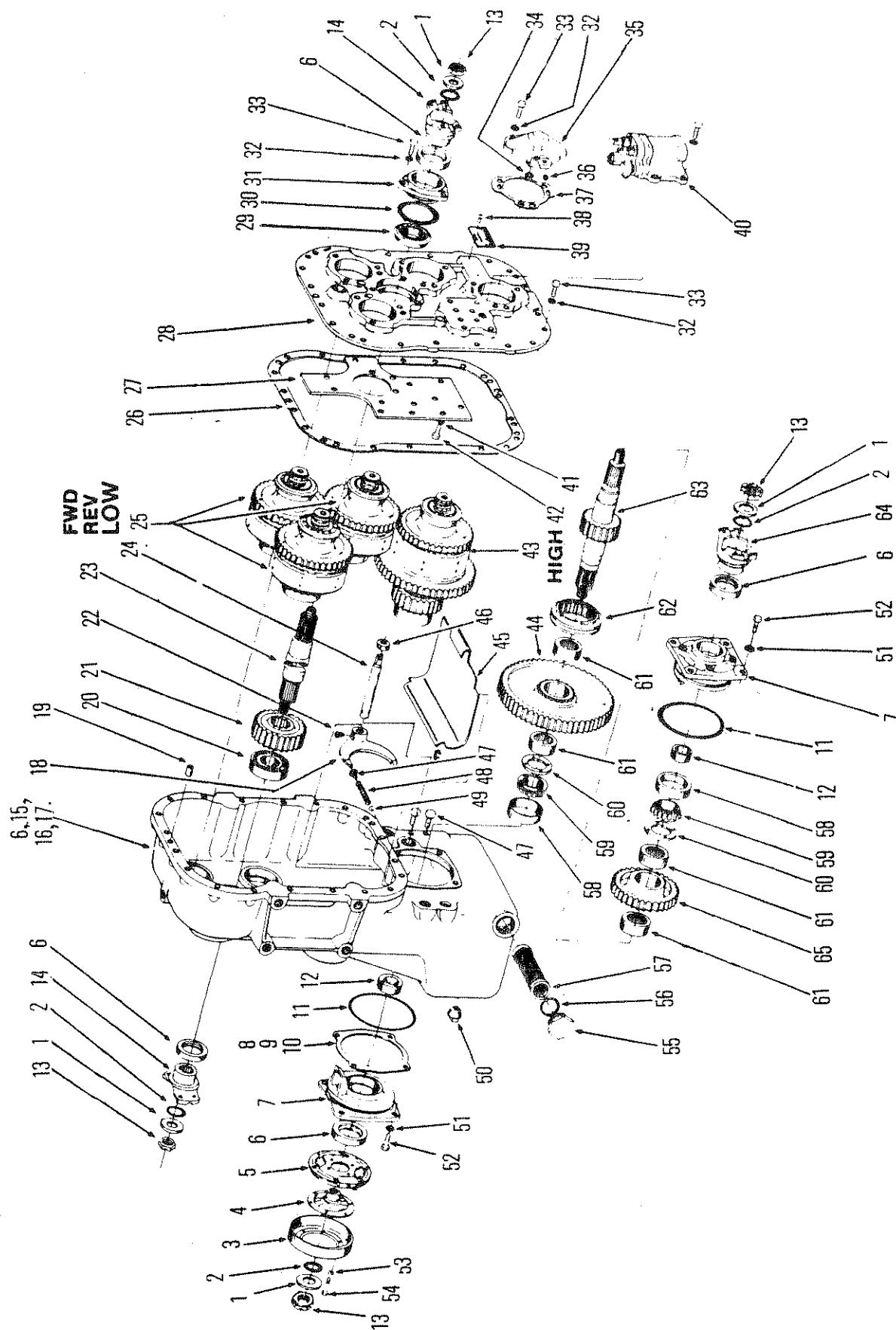
TRANSMISSION ASSEMBLY - 2420
TRANSMISSION ENSEMBLE - 2420
GETRIEBE VOLLSTÄNDIG - 2420
TRANSMISSÃO, CONJUNTO - 2420
TRANSMISIÓN, CONJUNTO - 2420

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1282475	1	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
1	102745	4	Washer	rondelle	Scheibe	arruela	arandela
2	25K040112	4	O-ring	joint torique	O Ring	anel-O	anillo-O
3	30-----	1	Drum	tambour	Trommel	tambor	tambor
4	215550	1	Flange	bride	Flansch	flange	brida
5	30-----	1	Backing plate	plaque de renfort	Stützplatte	placa de apoio	chapa soporte
6	206864	5	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
7	215155	2	Cap	chapeau	Kappe	tampa	tapa
8	215156	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
9	215157	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
10	215158	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
11	25K040524	2	O-ring	joint torique	O Ring	anel-O	anillo-O
12	215162	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
13	216058	4	Nut	écrou	Mutter	porca	tuerca
14	215702	2	Flange,output	bride sortie	Flansche Ausgangs	flange saída	platina salida
15	218353	1	Plug	bouchon	Stopfen	bujão	tapón
16	801363	1	Trans case	carter de trans	Getriebegehäuse	caixa de transmis	caja transmisión
17	14F000016	3	Plug	bouchon	Stopfen	bujão	tapón
18	215146	1	Fork	fourche	Gabel	garfo	horquilla
19	214295	2	Pin	goupille	Stift	pino	pasador
20	225603	1	Bearing	palier	Lager	mancal	cojinete
21	215166	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
22	201566	1	Bolt	boulon	Bolzen	parafuso	bulón
23	217952	1	Shaft	arbre	Welle	ávore	árbol
24	215145	1	Rail	barre	Gelnder	trilho	riel
25	0-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
26	215144	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
27	215143	1	Plate	plaque	Platte	placa	placa
28	215141	1	Cover	couvercle	Deckel	tampa	tapa
29	225824	1	Bearing	palier	Lager	mancal	cojinete
30	25K040316	1	O-ring	joint torique	O Ring	anel-O	anillo-O
31	215198	1	Cap	chapeau	Kappe	tampa	tapa
32	4E0000007	35	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	1C0000718	35	Bolt	boulon	Bolzen	parafuso	bulón
34	25K030016	4	O-ring	joint torique	O Ring	anel-O	anillo-O
35	215163	4	Cap	chapeau	Kappe	tampa	tapa
36	16F000006	4	Plug	bouchon	Stopfen	bujão	tapón
37	215164	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
38	207873	2	Screw	vis	Schraube	parafuso	tornillo
39	221391	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
40	0-----	1	Control valve	soupape de contrôle	Steuventil	válv de contr	valv de control
41	5E0000006	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	1C0000614	15	Bolt	boulon	Bolzen	parafuso	bulón
43	0-----	1	Clutch-high	embrayage-haut	Kupplung-hoch	embreagem-alta	embrague-alta
44	228068	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
45	228943	1	Plate	plaque	Platte	placa	placa

¹ Inc 27, 43 & 46

² Inc 14

³ Ref A7 15000 & A7 15050



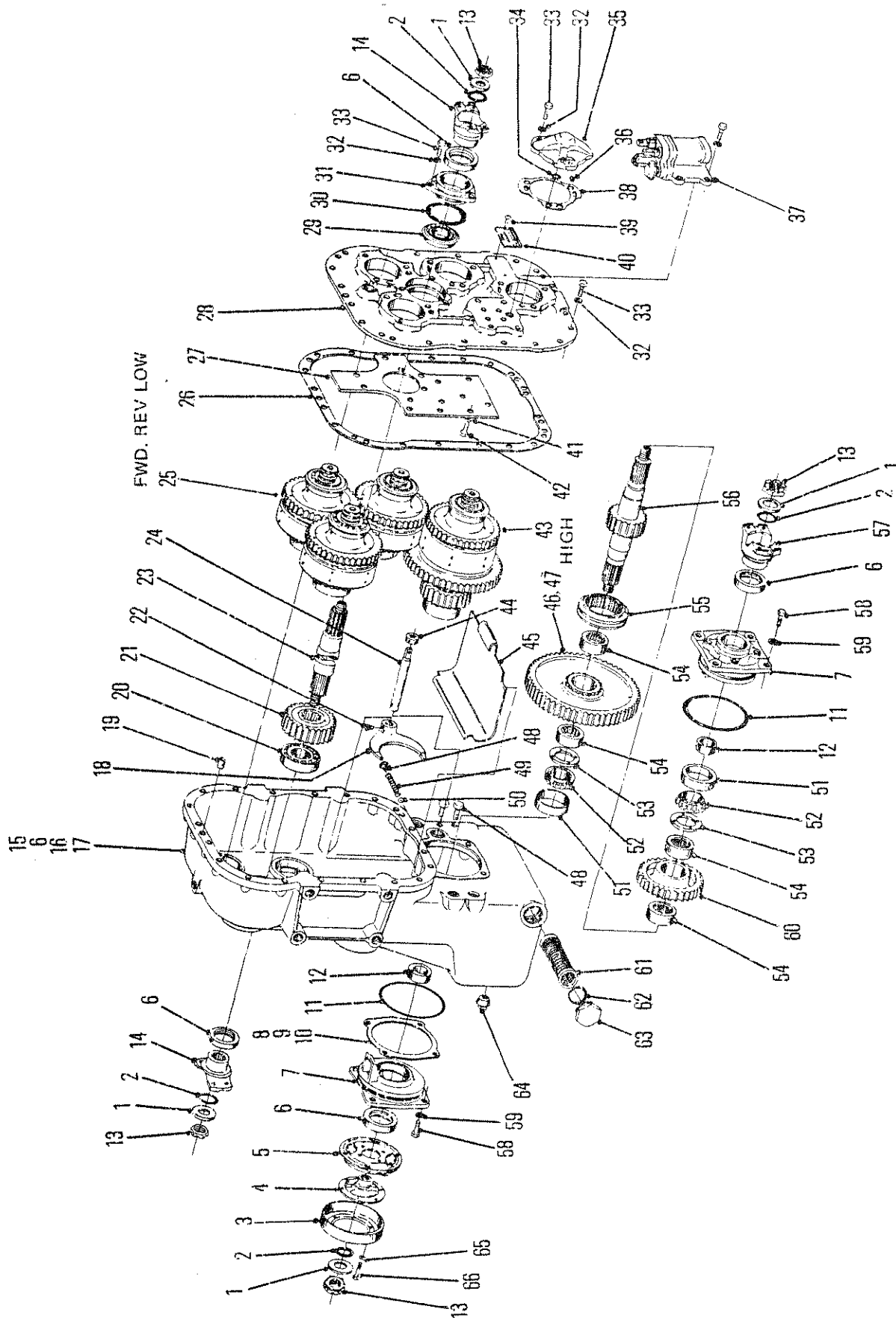
TRANSMISSION ASSEMBLY - 2420
TRANSMISSION ENSEMBLE - 2420
GETRIEBE VOLLSTÄNDIG - 2420
TRANSMISSÃO, CONJUNTO - 2420
TRANSMISIÓN, CONJUNTO - 2420

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	239892	1	Seal	joint étanchéité	Dichtung	vedador	sello
47	40K000004	3	Plug	bouchon	Stopfen	bujão	tapón
48	215191	1	Spring	ressort	Feder	mola	resorte
49	10J000012	1	Ball	bille	Kugel	esfera	bola
50	215757	1	Plug	bouchon	Stopfen	bujão	tapón
51	5E0000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
52	1C0000820	8	Bolt	boulon	Bolzen	parafuso	bulón
53	4E0000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
54	2C0000612	6	Bolt	boulon	Bolzen	parafuso	bulón
55	219370	1	Plug	bouchon	Stopfen	bujão	tapón
56	219373	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
57	215205	1	Screen	crible	Sieb	tela	tamiz
58	675544	2	Cup	cuvette	Schale	capa	cubeta
59	675548	2	Cone	cône	Kegel	cone	cono
60	215154	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
61	225079	4	Bearing	palier	Lager	mancal	cojinete
62	215149	1	Hub	moyeu	Nabe	cubo	cubo
63	215551	1	Shaft	arbre	Welle	ávore	árbol
64	214985	2	Flange	bride	Flansch	flange	brida
65	228069	1	Gear	engrenage	Zahnrad	engrenagem	engranaje

¹ Inc 27, 43 & 46

² Inc 14

³ Ref A7 15000 & A7 15050



TRANSMISSION ASSEMBLY - 2420
TRANSMISSION ENSEMBLE - 2420
GETRIEBE VOLLSTÄNDIG - 2420
TRANSMISSÃO, CONJUNTO - 2420
TRANSMISIÓN, CONJUNTO - 2420

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	284106	2	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
1	102745	4	Washer	rondelle	Scheibe	arruela	arandela
2	25K040112	4	O-ring	joint torique	O Ring	anel-O	anillo-O
3	60-----	1	Drum brake	tambour frein	Trommel Brems	tambor freio	tambor freno
4	215550	1	Flange	bride	Flansch	flange	brida
5	6-----	1	Backing plate	plaque de renfort	Stützplatte	placa de apoio	chapa soporte
6	206864	5	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
7	215155	2	Cap	chapeau	Kappe	tampa	tapa
8	215156	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
9	215157	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
10	215158	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
11	25K040524	2	O-ring	joint torique	O Ring	anel-O	anillo-O
12	215162	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
13	216058	4	Nut	écrou	Mutter	porca	tuerca
14	215702	2	Flange,output	bride sortie	Flansche Ausgangs	flange saída	platina salida
15	14F000016	3	Plug	bouchon	Stopfen	bujão	tapón
16	218353	1	Plug	bouchon	Stopfen	bujão	tapón
17	1801363	1	Trans case	carter de trans	Getriebgehäuse	caixa de transmis	caja transmisión
18	215146	1	Fork	fourche	Gabel	garfo	horquilla
19	214295	2	Pin	goupille	Stift	pino	pasador
20	225603	1	Bearing	palier	Lager	mancal	cojinete
21	215166	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
22	201566	1	Bolt	boulon	Bolzen	parafuso	bulón
23	217952	1	Shaft	arbre	Welle	ávore	árbol
24	215145	1	Rail	barre	Gelnder	trilho	riel
25	0-----	3	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
26	215144	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
27	215143	1	Plate	plaque	Platte	placa	placa
28	215141	1	Cover	couvercle	Deckel	tampa	tapa
29	225824	1	Bearing	palier	Lager	mancal	cojinete
30	25K040316	1	O-ring	joint torique	O Ring	anel-O	anillo-O
31	215198	1	Cap	chapeau	Kappe	tampa	tapa
32	4E000007	35	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	1C000718	15	Bolt	boulon	Bolzen	parafuso	bulón
34	25K030016	4	O-ring	joint torique	O Ring	anel-O	anillo-O
35	215163	4	Cap	chapeau	Kappe	tampa	tapa
36	16F000006	4	Plug	bouchon	Stopfen	bujão	tapón
37	0-----	1	Control valve	soupape de contrôle	Steuventil	válv de contr	valv de control
38	215164	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
39	207873	2	Screw	vis	Schraube	parafuso	tornillo
40	221391	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre

1 Inc 6 & 15 → 17

2 Inc 27, 43 & 44

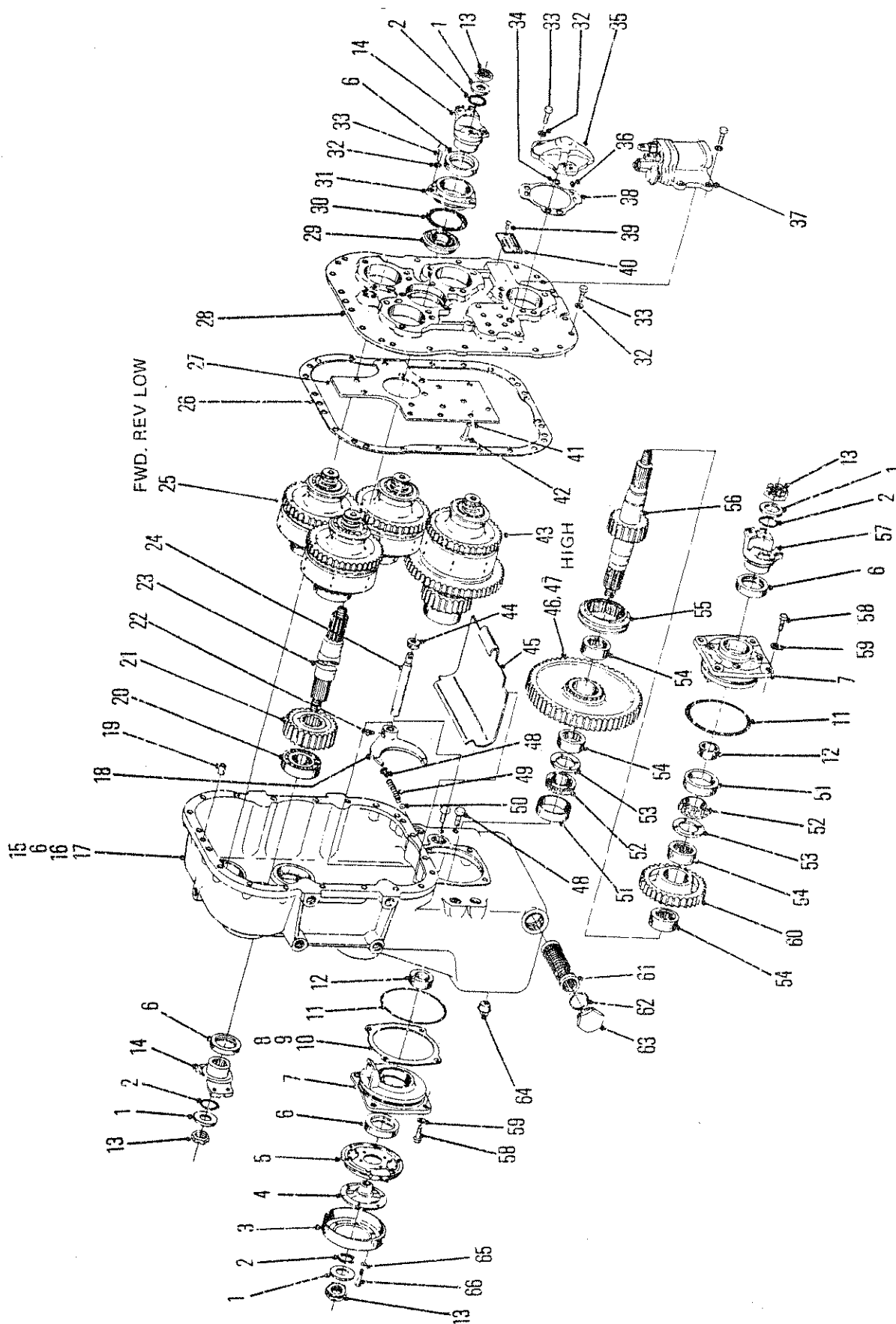
3 Inc 14

4 Inc 29 & 46

5 Inc 12 & 37

6 Ref Drum Brake
6 Ref Tambour Frein
6 Ref Trommel Brems
6 Ref Tambor Freio
6 Ref Tambor Freno

7 See item 47
7 Voir 47
7 Siehe 47
7 Veja 47
7 Véase 47



TRANSMISSION ASSEMBLY - 2420
TRANSMISSION ENSEMBLE - 2420
GETRIEBE VOLLSTÄNDIG - 2420
TRANSMISSÃO, CONJUNTO - 2420
TRANSMISIÓN, CONJUNTO - 2420

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	5E000006	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	1C000614	15	Bolt	boulon	Bolzen	parafuso	bulón
43	○-----	1	Clutch-high	embrayage-haut	Kupplung-hoch	embreagem-alta	embrague-alta
44	239892	1	Seal	joint étanchéité	Dichtung	vedador	sello
45	228943	1	Plate	plaque	Platte	placa	placa
46	7228068	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
47	4215150	1	Gear assy	ens engrenage	Zahnradatz	conj engrenagem	conj engranaje
48	40K000004	3	Plug	bouchon	Stopfen	bujão	tapón
49	215191	1	Spring	ressort	Feder	mola	resorte
50	10J000012	1	Ball	bille	Kugel	esfera	bola
51	675544	2	Cup	cuvette	Schale	capa	cubeta
52	675548	2	Cone	cône	Kegel	cone	cono
53	215154	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
54	225079	4	Bearing	palier	Lager	mancal	cojinete
55	215149	1	Hub	moyeu	Nabe	cubo	cubo
56	215551	1	Shaft	arbre	Welle	ávore	árbol
57	214985	1	Flange	bride	Flansch	flange	brida
58	1C000820	8	Screw	vis	Schraube	parafuso	tornillo
59	5E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
60	5228069	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
61	215205	1	Screen	crible	Sieb	tela	tamiz
62	219373	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
63	219370	1	Plug	bouchon	Stopfen	bujão	tapón
64	215757	1	Plug	bouchon	Stopfen	bujão	tapón
65	4E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
66	2C000612	6	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 6 & 15 → 17

² Inc 27, 43 & 44

³ Inc 14

⁴ Inc 29 & 46

⁵ Inc 12 & 37

⁶ Ref Drum Brake

⁶ Ref Tambour Frein

⁶ Ref Trommel Brems

⁶ Ref Tambor Freio

⁶ Ref Tambor Freno

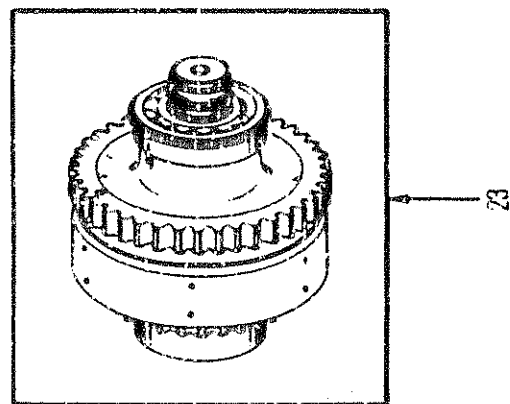
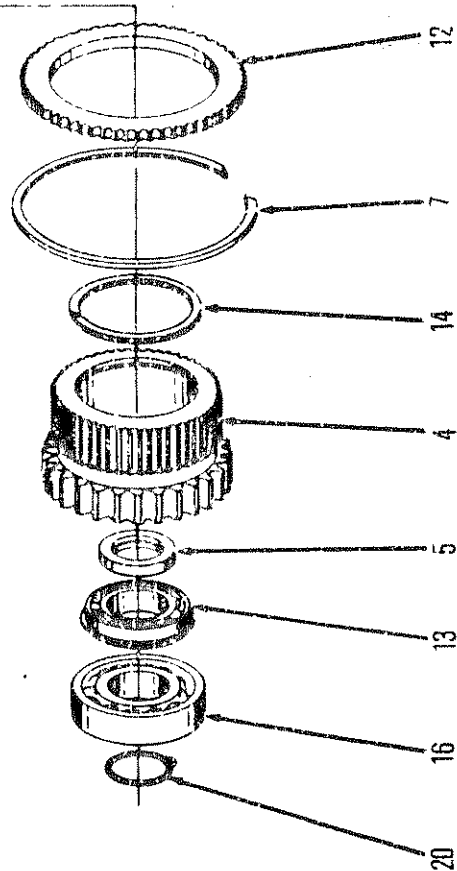
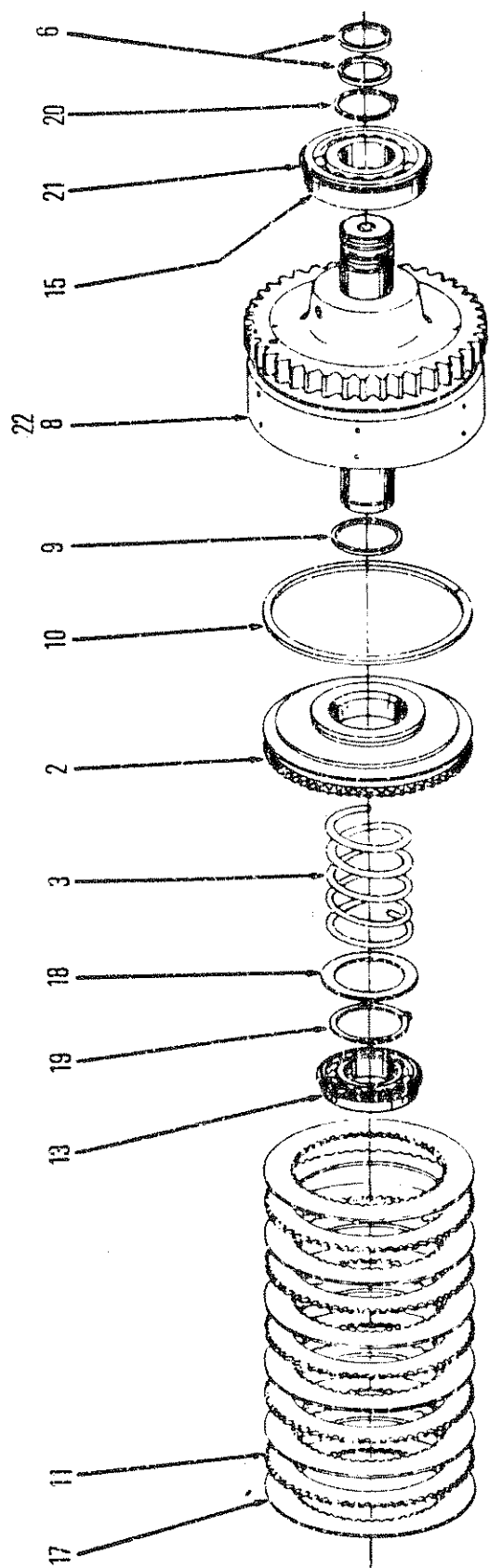
⁷ See item 47

⁷ Voir 47

⁷ Siehe 47

⁷ Veja 47

⁷ Véase 47



TRANSMISSION CLUTCH ASSEMBLY - FORWARD, REVERSE & LOW
ENSEMBLE D'EMBAYAGE DE BOÎTE DE VITESSE - MARCH AV & AR & BASSE
GETRIEBE KUPPLUNGSBAUGRUPPE - VORWÄRTS, RÜCKWARTS & ERSTE
CONJUNTO EMBREAGEM DA TRANSMISSÃO - MARCHA À FRENTE & À RÉ & BAIXA
CONJUNTO TRANSMISIÓN-EMBRAGUE - MARCHA ADELANTE, RETROCESO & BAJA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215176	1	Seat	sige	Sitz	assento	asiento
2	215177	1	Piston	piston	Kolben	pistão	pistón
3	215179	1	Spring	ressort	Feder	mola	resorte
4	215180	1	Gear&hub assy	ens engren&moyeu	Zahnrad&nabe vollst	engren&cubo conj	engran&cubo conj
5	215182	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	215183	2	Ring	anneau	Ring	anel	anillo
7	215190	1	Ring	anneau	Ring	anel	anillo
8	215663	1	Clutch drum	tambour dembrayage	Kupplungsstrommel	tambor da embreagem	tambor del embrague
9	223085	1	Ring	anneau	Ring	anel	anillo
10	224771	1	Ring	anneau	Ring	anel	anillo
11	224772	5	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
12	224774	1	End plate	plaque dextrémité	Endplatte	placa terminal	placa extrema
13	225076	2	Bearing	palier	Lager	mancal	cojinete
14	225077	1	Ring	anneau	Ring	anel	anillo
15	225602	1	Bearing	palier	Lager	mancal	cojinete
16	225603	1	Bearing	palier	Lager	mancal	cojinete
17	238313	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
18	616848	1	Washer	rondelle	Scheibe	arruela	arandela
19	654613	1	Ring	anneau	Ring	anel	anillo
20	659065	2	Ring	anneau	Ring	anel	anillo
21	945374	1	Ring	anneau	Ring	anel	anillo
22	10J000006	1	Ball	bille	Kugel	esfera	bola
23	3S-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrague conj

¹ Inc 1 & 22

² Inc 21

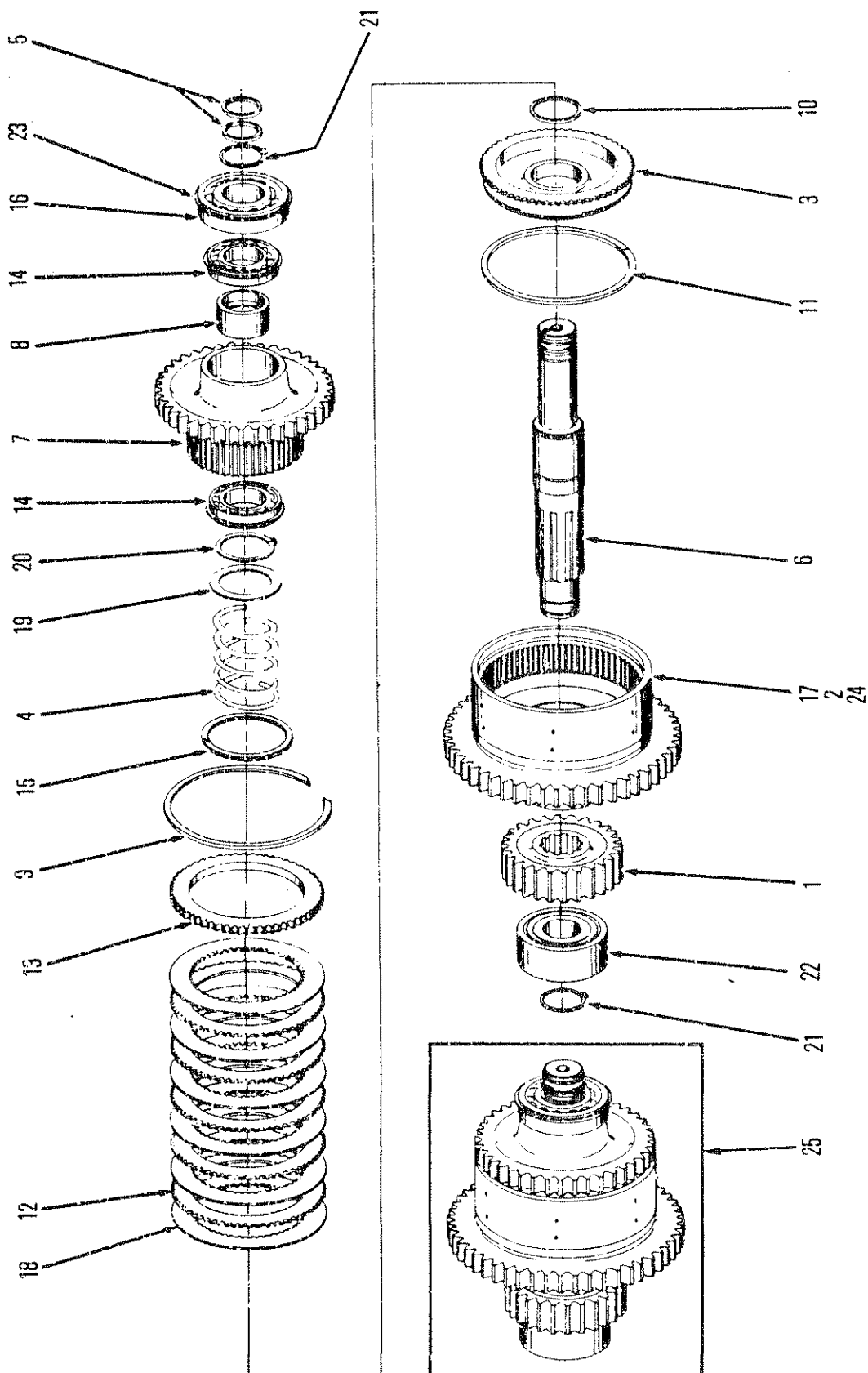
³ This group is used 3 times in transmission - Quantities listed are for 1 Clutch

³ Ce groupe est utilisé trois fois dan la boîte de vitesse - Les quantités indiquées ci-dessous son pour 1 groupe d'embrayage

³ Diese Gruppe wird 3 Mal für Getriebe verwendet - Unten angeführte Stückzahlen sind

³ Este grupo e usada 3 vèzes na transmissão - As quantidades abaixo são para 1 Embreagem

³ Este grupo se usa 3veces en la transmisión - Las cantidades mencionadas abajo son para un Embrague

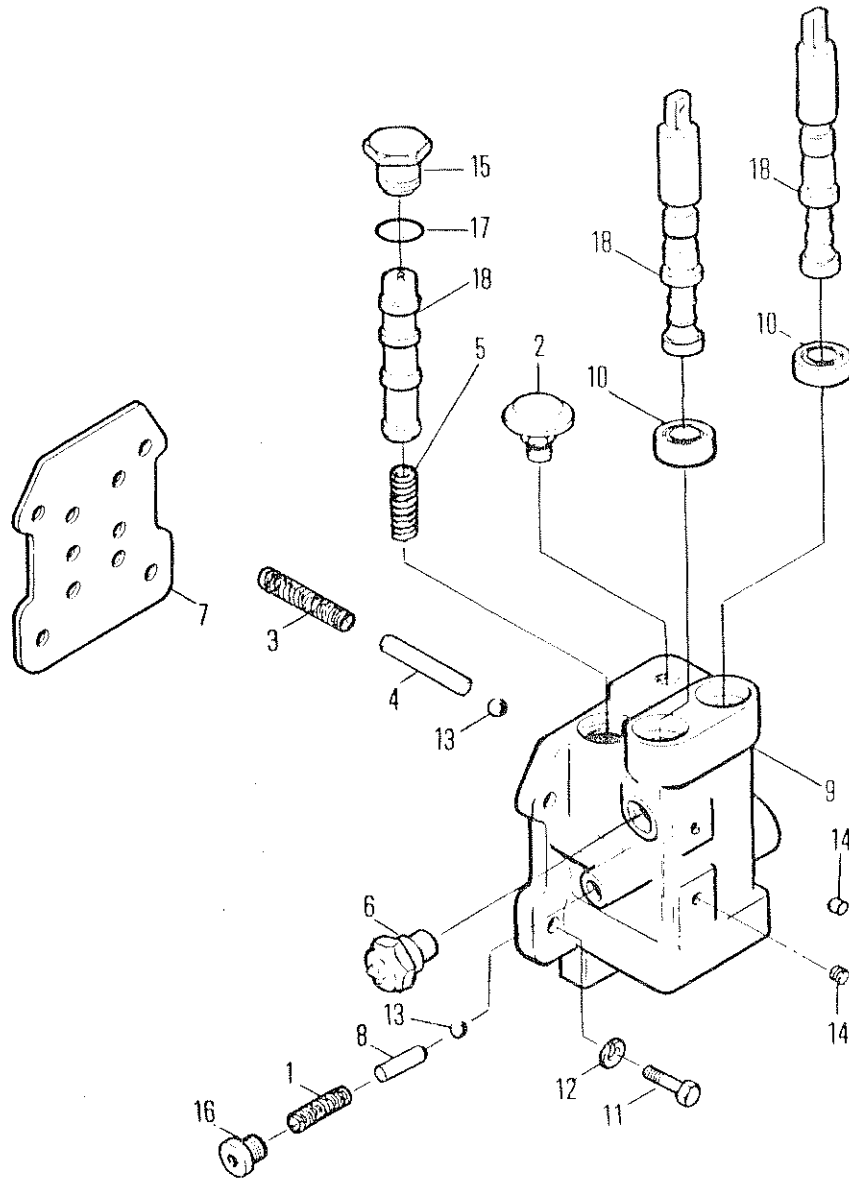


TRANSMISSION CLUTCH ASSEMBLY, HIGH
ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE, HAUT
GETRIEBE-KUPPLUNGSBAUGRUPPE, HOCH
CONJUNTO EMBREAGEM DA TRANSMISSÃO, ALTA
CONJUNTO TRANSMISIÓN-EMBRAGUE, ALTA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	215166	1	Gear (26T)	engrenage (26T)	Zahnrad (26T)	engrenagem (26T)	engranaje (26T)
2	215176	1	Seat	sige	Sitz	assento	asiento
3	215177	1	Piston	piston	Kolben	pistão	pistón
4	215179	1	Spring	ressort	Feder	mola	resorte
5	215183	2	Ring	anneau	Ring	anel	anillo
6	215184	1	Shaft	arbre	Welle	ávore	árbol
7	215188	1	Hub&Gear	engren et moyeu	Zahnrad&Nable	engren&cubo	engran&cubo
8	215189	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
9	215190	1	Ring	anneau	Ring	anel	anillo
10	223085	1	Ring	anneau	Ring	anel	anillo
11	224771	1	Ring	anneau	Ring	anel	anillo
12	224772	5	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
13	224774	1	Plate end	plaque d'extrémité	Endplatte	placa terminal	placa extrema
14	225076	2	Bearing	palier	Lager	mancal	cojinete
15	225077	1	Ring	anneau	Ring	anel	anillo
16	225602	1	Bearing	palier	Lager	mancal	cojinete
17	227952	1	Drum&gear assy	ass tamb et sign	Trommel&Getr einh	conj engr e tambor	conj tamb y engr
18	238313	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
19	616848	1	Washer	rondelle	Scheibe	arruela	arandela
20	654613	1	Ring retaining	bague d'arrêt	Haltering	anel retentor	anillo de retención
21	659065	2	Ring retaining	bague d'arrêt	Haltering	anel retentor	anillo de retención
22	799595	1	Bearing	palier	Lager	mancal	cojinete
23	945374	1	Ring retaining	bague d'arrêt	Haltering	anel retentor	anillo de retención
24	10J000006	1	Ball	bille	Kugel	esfera	bola
25	§-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj

¹ Inc 23

² Inc 2 & 24 (53T)



5259TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	² 229466	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
1	202200	1	Spring	ressort	Feder	mola	resorte
2	211433	1	Air breather assy	ens du reniflard	Entlüfter vollst	conj respiradouro ar	conjunto aireador
3	215147	1	Spring	ressort	Feder	mola	resorte
4	215194	1	Pin	goupille	Stift	pino	pasador
5	220363	1	Spring	ressort	Feder	mola	resorte
6	224620	1	Switch	interrupteur	Schalter	interruptor	interruptor
7	229009	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	229010	1	Pin	goupille	Stift	pino	pasador
9	-----	1	Housing	botier	Gehuse	carcaça	carcasa
10	239892	1	Seal	joint étanchéité	Dichtung	vedador	sello
11	1C000718	4	Bolt	boulon	Bolzen	parafuso	bulón
12	4E000007	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	10J000012	2	Ball	bille	Kugel	esfera	bola
14	16F000001	2	Plug	bouchon	Stopfen	bujão	tapón
15	³ 24K000007	1	Plug	bouchon	Stopfen	bujão	tapón
16	47K000003	1	Plug	bouchon	Stopfen	bujão	tapón
17	91F000007	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	^{1,4} 229006	1	Spool	tiroir	Spule	carretel	carrete
20	^{1,4} 229006	1	Spool	tiroir	Spule	carretel	carrete

¹ For correct assembly spool must be installed with the letter R in the upright position

¹ Pour un montage correct, le tiroir doit être installé avec la lettre R en position verticale

¹ Spule muss mit dem Buchstaben R in aufgerichteter Position installiert werden

¹ Para montagem correta o carretel deve ser instalado com a letra R em posição vertical

¹ Para un montaje correcto, el manguito debe instalarse con la letra R en su posición vertical normal

² Inc 1 → 20

³ Inc 17

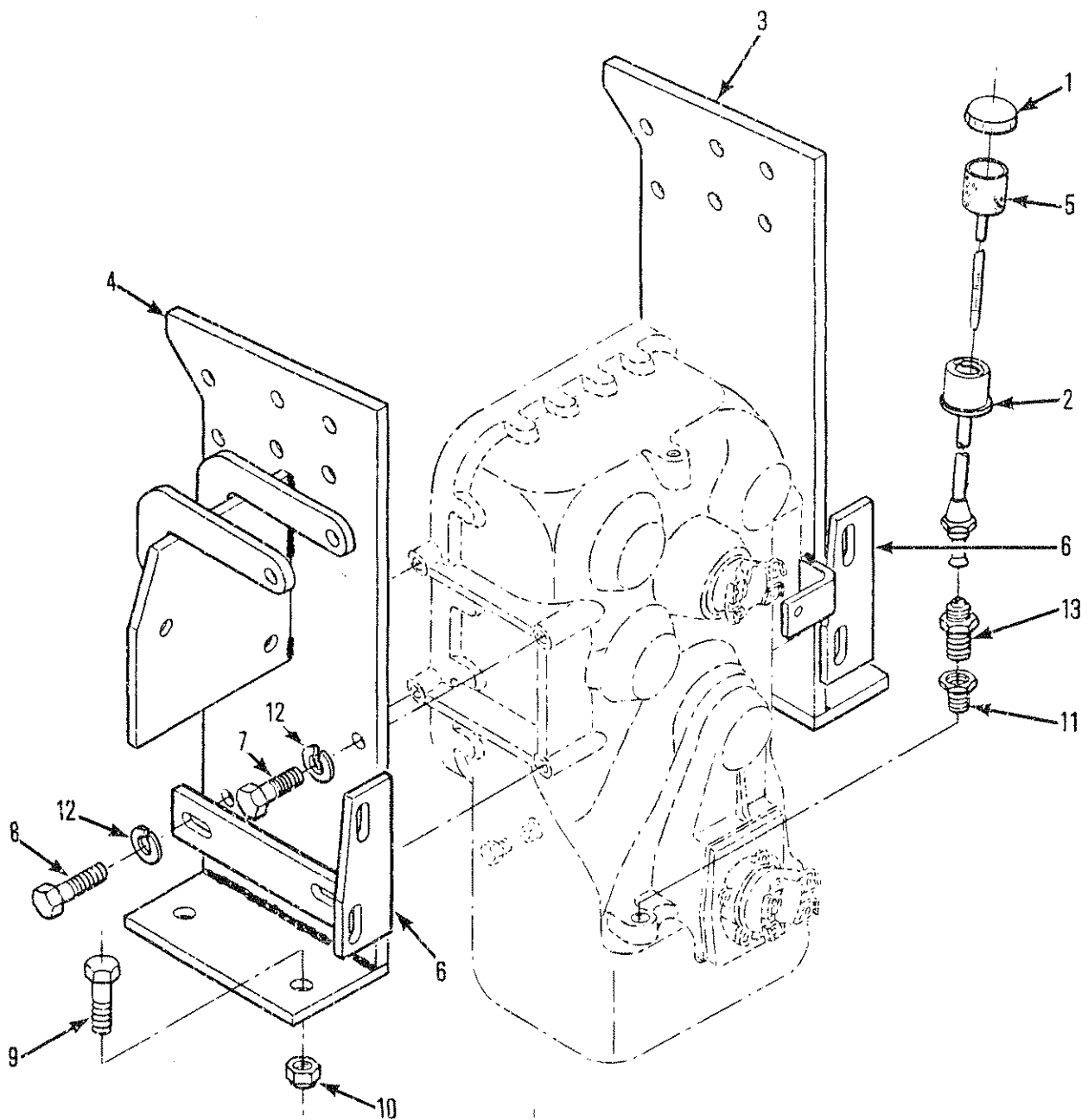
⁴ See A

⁴ Voir A

⁴ Siehe A

⁴ Veja A

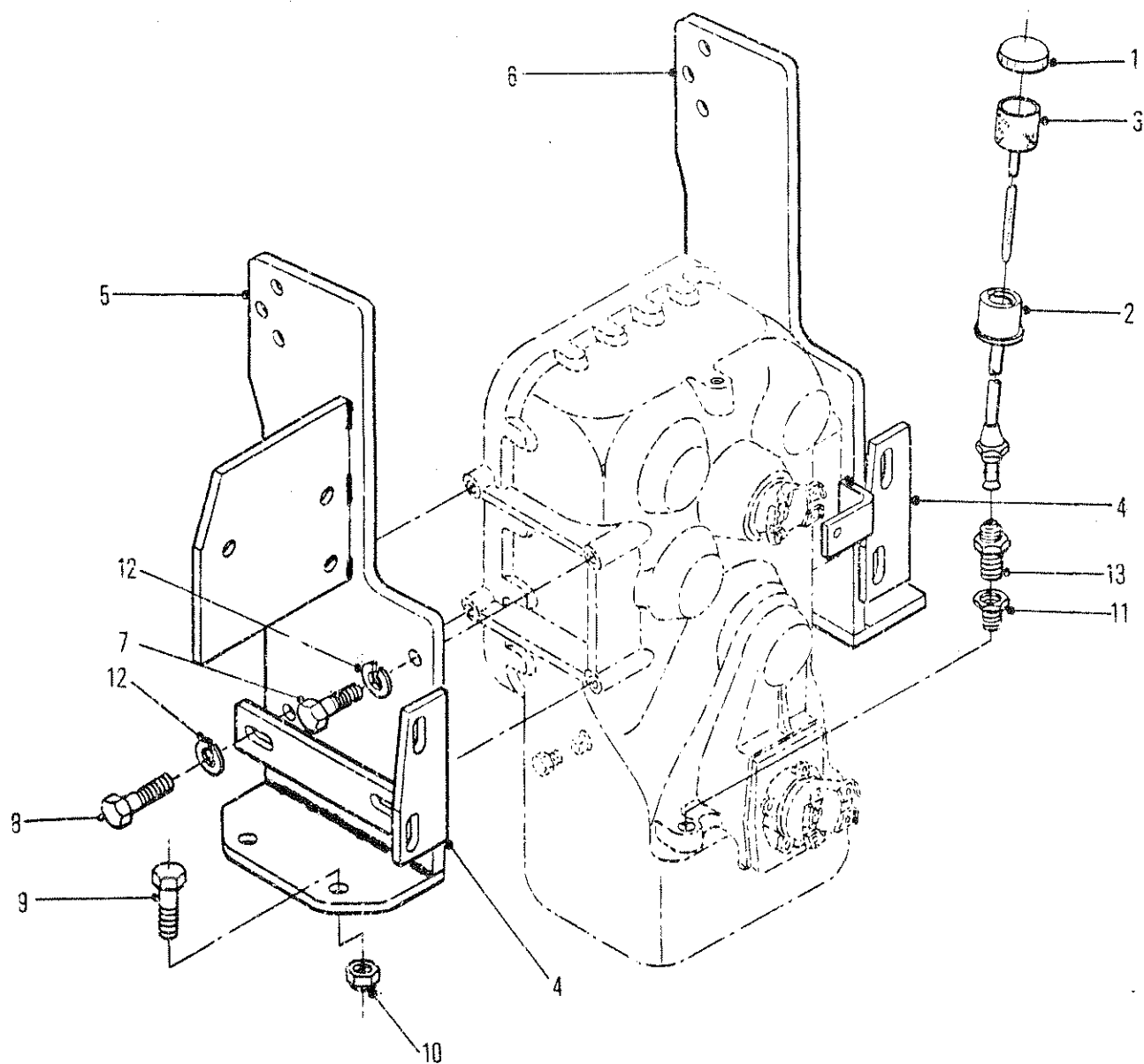
⁴ Véase A



5261TP

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

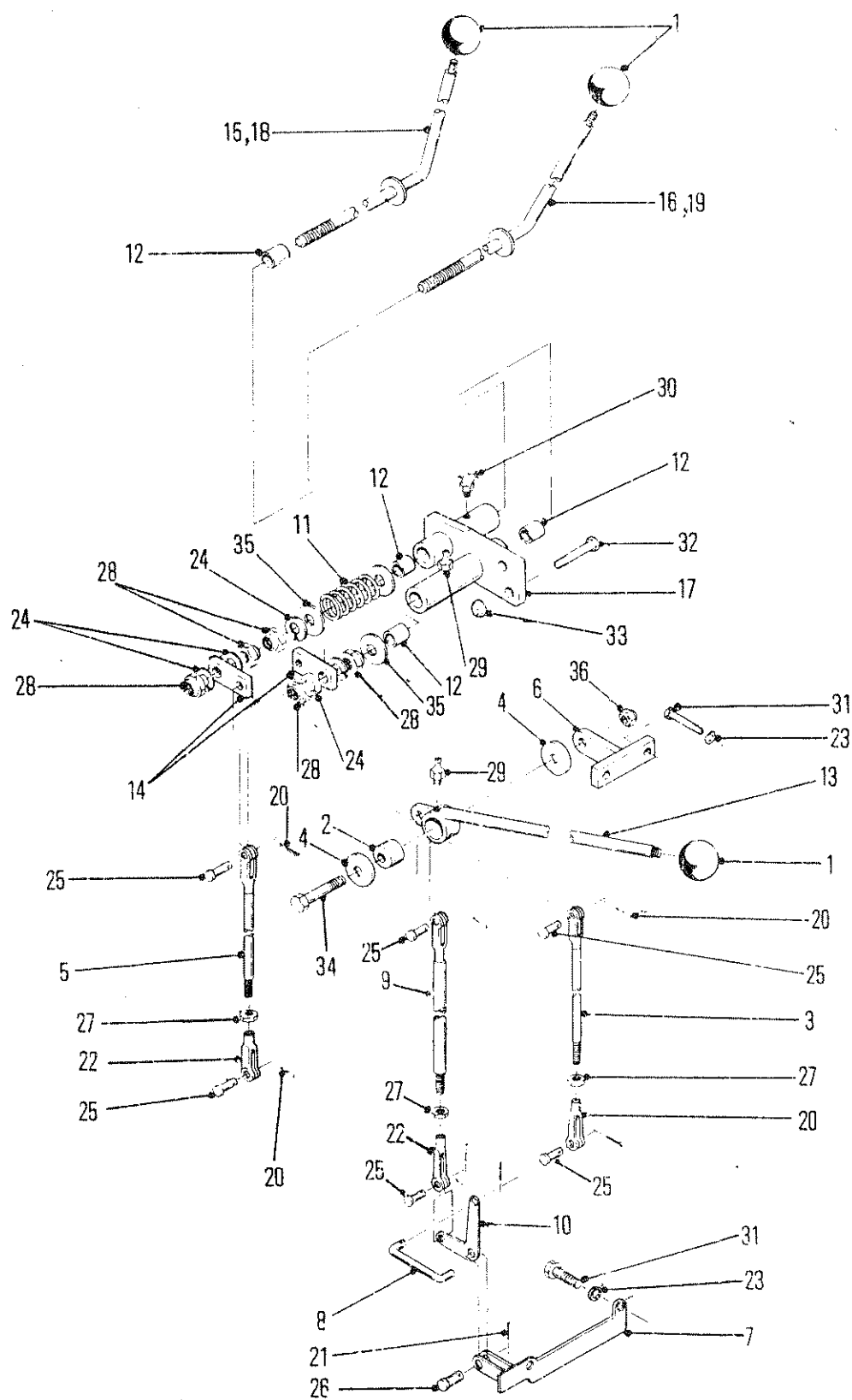
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	539837	1	Cap	chapeau	Kappe	tampa	tapa
2	1900666	1	Filler neck	goulot remplissage	Einfüllstutzen	tubo enchimento	tubo llenado
3	1900885	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
4	1900900	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
5	1901380	1	Dipstick assy	ass de la jauge	Tauchstabeinheit	cj vareta medição	conj cucharón
6	1905442	2	Bracket	support	Winkel	grampo	grampa
7	17C001228	4	Bolt	boulon	Bolzen	parafuso	bulón
8	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
9	17C001240	4	Bolt	boulon	Bolzen	parafuso	bulón
10	18D000012	4	Nut	écrou	Mutter	porca	tuerca
11	19F000009	1	Bushing	chemise	Buchse	bucha	buje
12	24E000012	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	38F000011	1	Fitting	ajustage	Verbindung	ajuste	accesorio



5263TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	539837	1	Cap	chapeau	Kappe	tampa	tapa
2	1900666	1	Filler neck	goulot remplissage	Einfüllstutzen	tubo enchimento	tubo llenado
3	1901380	1	Dipstick assy	ass de la jauge	Tauchstabeinheit	cj vareta medição	conj cucharón
4	1905442	2	Bracket	support	Winkel	grampo	grampa
5	1909834	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
6	1915983	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
7	17C001228	4	Bolt	boulon	Bolzen	parafuso	bulón
8	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
9	18C001244	4	Bolt	boulon	Bolzen	parafuso	bulón
10	18D000012	4	Nut	écrou	Mutter	porca	tuerca
11	19F000009	1	Bushing	chemise	Buchse	bucha	buje
12	24E000012	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	38F000011	1	Fitting	ajustage	Verbindung	ajuste	accesorio

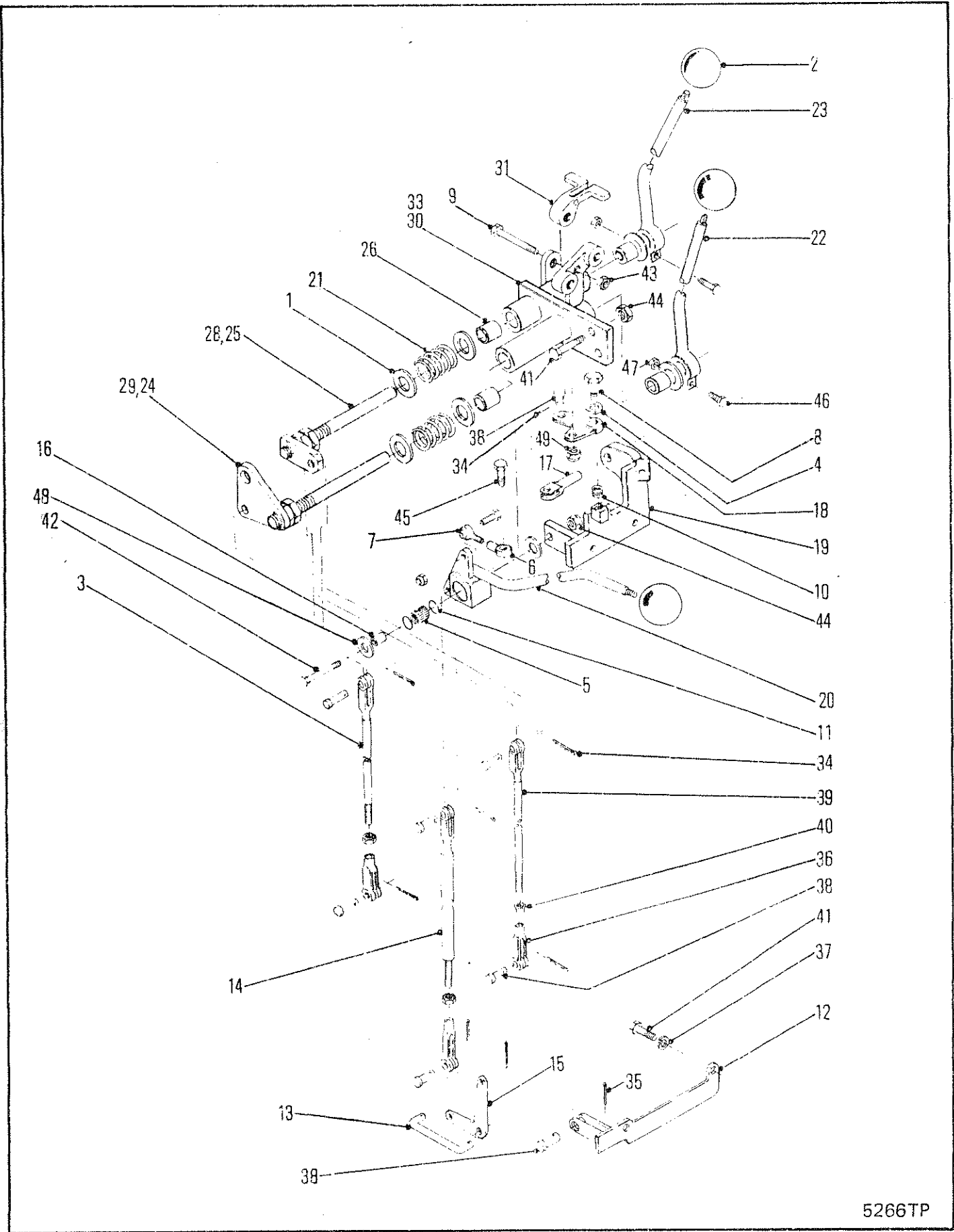


5265TP

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	3	Knob	bouton	Knopf	manipula	botón
2	585596	1	Sleeve	manchon	Muffe	luva	manguito
3	600007	1	Rod	tige	Stange	varão	varilla
4	616795	1	Washer	rondelle	Scheibe	arruela	arandela
5	1317198	1	Rod	tige	Stange	varão	varilla
6	1900491	1	Bracket	support	Winkel	grampo	grampa
7	1900497	1	Bracket	support	Winkel	grampo	grampa
8	1900501	1	Link	articulation	Gelenk	articulação	articulación
9	1900503	1	Rod	tige	Stange	varão	varilla
10	1900793	1	Bellcrank	levier coudé	Kniehebel	balancinho	balancín
11	1901345	1	Spring	ressort	Feder	mola	resorte
12	1901352	2	Sleeve	manchon	Muffe	luva	manguito
13	1901359	1	Lever control	contrôle de levier	Hebelsteuerung	alavanca controle	control de palanca
14	1902328	2	Link	articulation	Gelenk	articulação	articulación
15	1902352	1	Lever control	contrôle de levier	Hebelsteuerung	alavanca controle	control de palanca
16	1902353	1	Lever control	contrôle de levier	Hebelsteuerung	alavanca controle	control de palanca
17	1902356	1	Bracket	support	Winkel	grampo	grampa
18	1909816	1	Lever control	contrôle de levier	Hebelsteuerung	alavanca controle	control de palanca
19	1909817	1	Lever control	contrôle de levier	Hebelsteuerung	alavanca controle	control de palanca
20	1F0000312	7	Pin	goupille	Stift	pino	pasador
21	1F0000412	1	Pin	goupille	Stift	pino	pasador
22	2J0006208	3	Clevis	étrier	Schkel	garfo	horquilla
23	4E0000007	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	4E0000010	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	4F0006106	6	Pin	goupille	Stift	pino	pasador
26	4F080127	1	Pin	goupille	Stift	pino	pasador
27	8D0000006	3	Nut	écrou	Mutter	porca	tuerca
28	8D0000010	5	Nut	écrou	Mutter	porca	tuerca
29	10H000025	2	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
30	11H000015	1	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
31	17C000724	4	Bolt	boulon	Bolzen	parafuso	bulón
32	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
33	17D000006	2	Nut	écrou	Mutter	porca	tuerca
34	18C000836	1	Bolt	boulon	Bolzen	parafuso	bulón
35	25E000025	3	Washer	rondelle	Scheibe	arruela	arandela
36	67D000008	1	Nut	écrou	Mutter	porca	tuerca

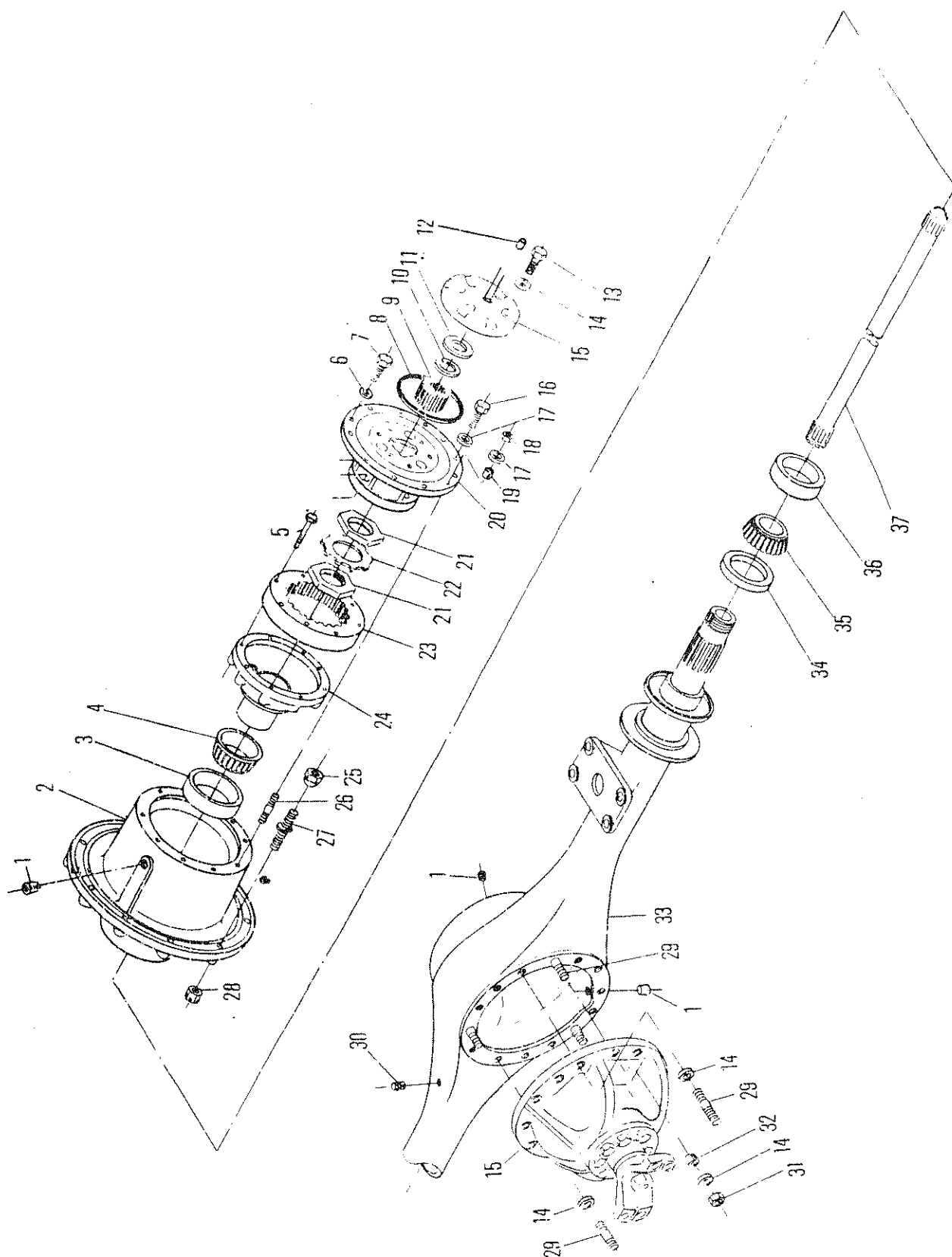
1 □ C-9044-101 → 9999, C-9046-101 → 9999, 500D-101 → 9999



5266TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	201497	6	Washer	rondelle	Scheibe	arruela	arandela
2	565389	3	Knob	bouton	Knopf	manipula	botón
3	600007	1	Rod	tige	Stange	varão	varilla
4	664174	1	Washer	rondelle	Scheibe	arruela	arandela
5	675227	1	Bearing	palier	Lager	mancal	cojinete
6	710818	1	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
7	710852	1	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
8	713008	1	Bolt	boulon	Bolzen	parafuso	bulón
9	1305373	1	Shoulder screw	vis dépaulement	Ansatzschraube	parafuso de esbarro	tornillo de tope
10	1312081	1	Bearing	palier	Lager	mancal	cojinete
11	1522535	2	Seal	joint étanchéité	Dichtung	vedador	sello
12	1900497	1	Bracket	support	Winkel	grampo	grampa
13	1900501	1	Rod	tige	Stange	varão	varilla
14	1900503	1	Rod	tige	Stange	varão	varilla
15	1900793	1	Bell Crank	levier coudé	Kniehebel	balancinho	balancín
16	1913819	1	Sleeve	manchon	Muffe	luva	manguito
17	1914780	1	Pin	goupille	Stift	pino	pasador
18	1914783	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
19	1914789	1	Bracket	support	Winkel	grampo	grampa
20	1914791	1	Lever	levier	Hebel	alavanca	palanca
21	1915771	2	Spring	ressort	Feder	mola	resorte
22	1915773	1	Lever	levier	Hebel	alavanca	palanca
23	1915775	1	Lever	levier	Hebel	alavanca	palanca
24	191777	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
25	1915780	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
26	1915785	4	Seal	joint étanchéité	Dichtung	vedador	sello
27	1916034	2	Bushing	chemise	Buchse	bucha	buje
28	1916060	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
29	1916061	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancín cj
30	1916062	1	Bracket	support	Winkel	grampo	grampa
31	1916985	1	Lockplate	plaque darrêt	Schlossblech	chapa retentora	chapa seguridad
32	1916989	1	Plunger	plongeur	Druckstange	embolo	ébolo buzo
33	1917680	1	Bracket	support	Winkel	grampo	grampa
34	1F0000312	9	Pin	goupille	Stift	pino	pasador
35	1F0001412	1	Pin	goupille	Stift	pino	pasador
36	2J0006208	3	Clevis	étrier	Schkel	garfo	horquilla
37	4E0000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
38	4F0006106	2	Pin	goupille	Stift	pino	pasador
39	1317198	1	Rod	tige	Stange	varão	varilla
40	8D0000006	3	Nut	écrou	Mutter	porca	tuerca
41	17C000828	4	Bolt	boulon	Bolzen	parafuso	bulón
42	17C000848	1	Bolt	boulon	Bolzen	parafuso	bulón
43	17D000002	1	Nut	écrou	Mutter	porca	tuerca
44	17D000006	3	Nut	écrou	Mutter	porca	tuerca
45	18C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
46	18C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
47	18D000006	2	Nut	écrou	Mutter	porca	tuerca
48	25E000022	2	Washer	rondelle	Scheibe	arruela	arandela
49	66D000006	2	Nut	écrou	Mutter	porca	tuerca



AXLE ASSEMBLY, FRONT-17600

ESSIEU AV, ENSEMBLE-17600

ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-17600

EIXO DIANTEIRO, CONJUNTO-17600

EJE DELANTERO, CONJUNTO-17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	² 192544	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	² 192545	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	³ 107016	2	Intrnal gear&hub	engren int&moy	Internes Rad&Nabe	cubo e engr int	engr y cubo int
1	11F000012	4	Plug	bouchon	Stopfen	bujão	tapón
2	1122470	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
3	672181	2	Cup	cuvette	Schale	capa	cubeta
4	672182	2	Cone	cône	Kegel	cone	cono
5	106880	16	Bolt	boulon	Bolzen	parafuso	bulón
6	3E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	1C000808	4	Bolt	boulon	Bolzen	parafuso	bulón
8	114089	2	Ring	anneau	Ring	anel	anillo
9	106058	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
10	224028	2	Ring	anneau	Ring	anel	anillo
11	106455	2	Washer	rondelle	Scheibe	arruela	arandela
12	11F000004	2	Plug	bouchon	Stopfen	bujão	tapón
13	1C000720	12	Screw	vis	Schraube	parafuso	tornillo
14	112278	26	Washer	rondelle	Scheibe	arruela	arandela
15	○114119	2	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
16	100970	10	Bolt	boulon	Bolzen	parafuso	bulón
17	106762	20	Washer	rondelle	Scheibe	arruela	arandela
18	64D000008	10	Nut	écrou	Mutter	porca	tuerca
19	112287	10	Dowel	goujon	Stift	espiga	espiga
20	○-----	2	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
21	114433	4	Nut	écrou	Mutter	porca	tuerca
22	101274	2	Lock	serrure	Schloss	fechadura	cerradura
23	106059	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
24	113850	2	Hub	moyeu	Nabe	cubo	cubo
25	⁵ 1900649	20	Nut	écrou	Mutter	porca	tuerca
26	116419	10	Stud	goujon	Stift	prisioneiro	espárrago
27	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
28	103076	20	Nut	écrou	Mutter	porca	tuerca
29	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
30	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
31	64D000007	14	Nut	écrou	Mutter	porca	tuerca
32	103216	3	Dowel	goujon	Stift	espiga	espiga
33	⁴ 125682	1	Housing axle	boîtier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
34	122664	2	Seal	joint étanchéité	Dichtung	vedador	sello
35	799408	2	Cone	cône	Kegel	cone	cono
36	658985	2	Cup	cuvette	Schale	capa	cubeta
37	112054	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje

¹ Inc 3 & 36

² Inc C, 1→37

³ Inc 23,37 & 5

⁴ No longer available

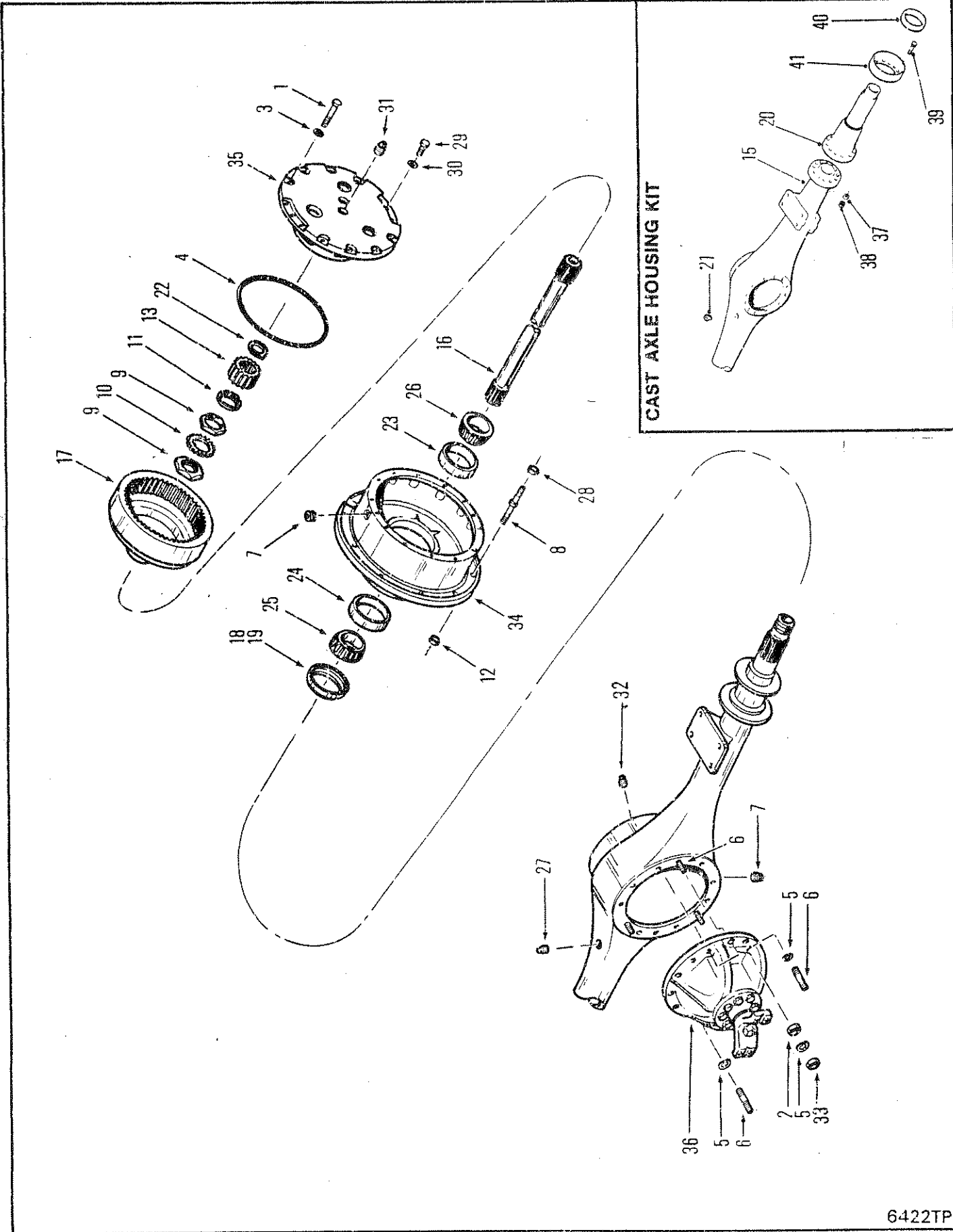
⁴ N'est plus disponible

⁴ Nicht mehr erhältlich

⁴ Não está mais disponível

⁴ No se produce más

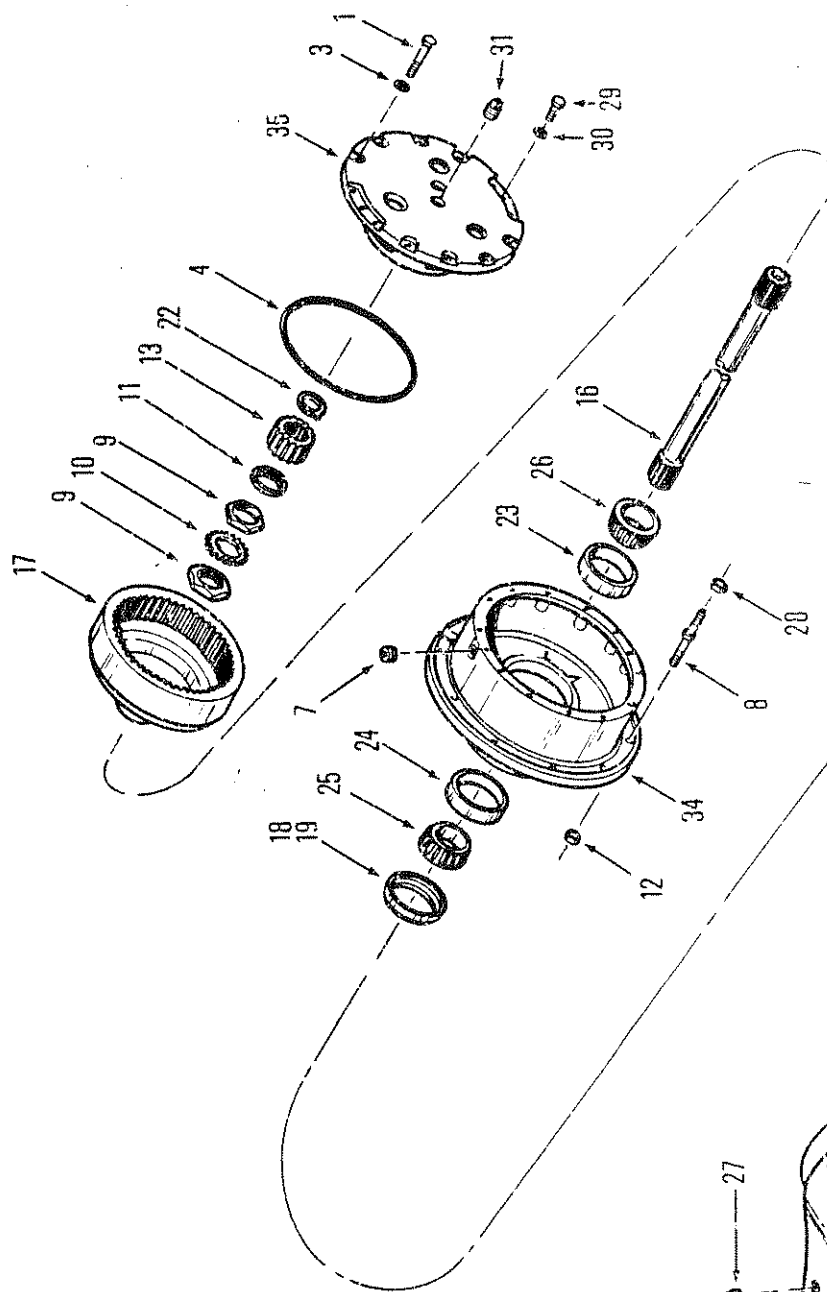
⁵ Ref S.B. Group 771, No. 04, 9/86.



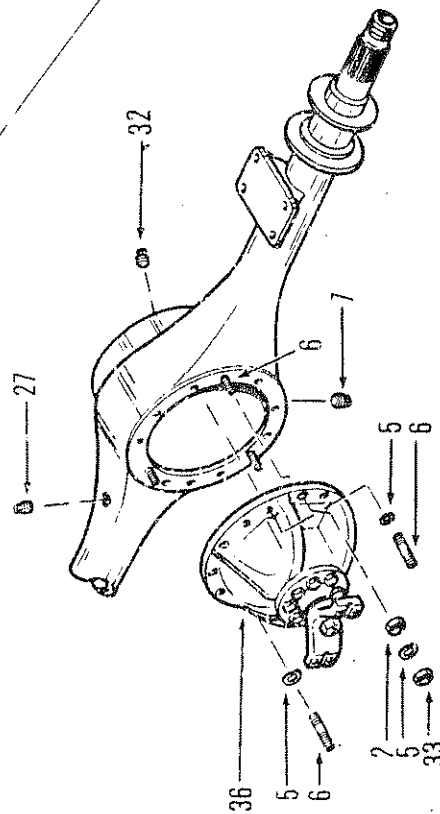
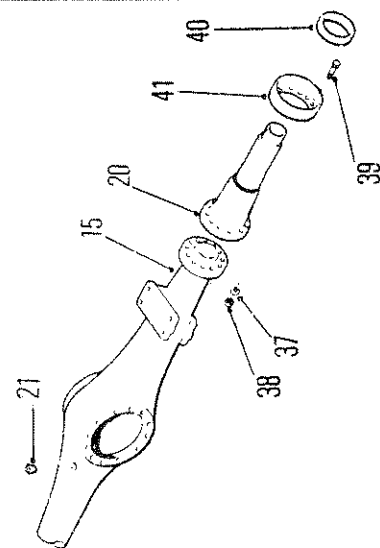
AXLE ASSEMBLY, FRONT - 17800 - HD
ESSIEU AV, ENSEMBLY - 17800 - HD
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB - 17800 - HD
EIXO DIANTEIRO, CONJUNTO - 17800 - HD
EJE DELANTERO, CONJUNTO - 17800 - HD

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	191799	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	191800	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	841036	1	Housing kit	ens boitier	Gehäuse vollst	conj caçaca	juego carcasa
1	100970	24	Bolt	boulon	Bolzen	parafuso	bulón
2	103216	3	Dowel	goujon	Stift	espiga	espiga
3	106762	24	Washer	rondelle	Scheibe	arruela	arandela
4	107348	2	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
5	112278	42	Washer	rondelle	Scheibe	arruela	arandela
6	119270	42	Stud	goujon	Stift	prisioneiro	espárrago
7	119469	3	Plug	bouchon	Stopfen	bujão	tapón
8	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
9	121013	4	Nut	écrou	Mutter	porca	tuerca
10	121014	2	Lock	serrure	Schloss	fechadura	cerradura
11	121015	2	Sleeve	manchon	Muffe	luva	manguito
12	86D000012	20	Nut	écrou	Mutter	porca	tuerca
13	121804	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
14	121851	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
15	2106470	1	Axle housing	boitier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
16	123672	2	Shaft	arbre	Welle	ávore	árbol
17	123904	2	Gear&hub	engren&moyeu	Zahnrad&Nabe	engren&cubo	engran&cubo
18	124325	2	Seal	joint étanchéité	Dichtung	vedador	sello
19	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
20	121802	2	Spindle	fusée	Spindel	haste	eje
21	19F000012	1	Bushing	chemise	Buchse	bucha	buje
22	224028	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
23	668553	2	Cup	cuvette	Schale	capa	cubeta
24	672004	2	Cup	cuvette	Schale	capa	cubeta
25	672005	2	Cone	cône	Kegel	cone	cono
26	675261	2	Cone	cône	Kegel	cone	cono
27	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
28	1900649	20	Nut	écrou	Mutter	porca	tuerca
29	1C000808	4	Bolt	boulon	Bolzen	parafuso	bulón

- 1 When 121012 is used alone, replace with 128117 oil seal.
1 Lorsque 121012 est utilisé seul, le remplacer par le joint d'étanchéité d'huile 128117
1 Wenn Posten 121012 allein verwendet wird, durch Öldichtung 128117 ersetzen.
1 Se 121012 for utilizado isoladamente, substituir por junta de óleo 128117
1 Al utilizar 121012 solo, reemplazar con selladura para aceite 128117
- 2 When 121012 is used with 121169, replace the pair with 124325.
2 Lorsque 121012 est utilisé avec 121169, remplacer les deux par 124325.
2 Wenn Posten 121012 mit Buchse 121169 verwendet wird, das Paar durch Öldichtung 124325 ersetzen.
2 Se utilizado com 121169, substituir o par por 124325.
2 Al utilizar 121012 con 121169, reemplazar el par con 124325.
- 3 Optional, with no-spin differential.
3 Facultatif, avec différentiel anti-patinage.
3 Wahlweise, mit no-spin Differential.
3 Facultativo, com diferencial anti-patinante.
3 Opcional, con diferencial anti-patinaje.
- 4 Inc 34
- 5 See item 14
5 Voir article 14
5 Siehe Teil 14
5 Ver item 14
5 Ver item 14
- 6 Inc 15, 20, 21, 37→41
- 7 Standard, without no-spin differential.
7 Standard, sans différentiel anti-patinage.
7 Serienmäßig, ohne no spin Differential.
7 Standard, sem diferencial anti-patinante.
7 Standard, sin diferencial anti-patinaje.



CAST AXLE HOUSING KIT



6422TP

AXLE ASSEMBLY, FRONT - 17800 - HD
ESSIEU AV, ENSEMBLY - 17800 - HD
ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB - 17800 - HD
EIXO DIANTEIRO, CONJUNTO - 17800 - HD
EJE DELANTERO, CONJUNTO - 17800 - HD

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
30	3E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
31	11F000004	2	Plug	bouchon	Stopfen	bujão	tapón
32	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
33	64D000007	14	Nut	écrou	Mutter	porca	tuerca
34	58-----	-	Hub	moyeu	Nabe	cubo	cubo
35	0-----	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
36	0-----	1	Diff carrier assy	ens chassis port dif	Träger Diffagr voll	conj suporte dif	conj sopor
37	104412	20	Washer	rondelle	Scheibe	arruela	arandela
38	106998	20	Nut	écrou	Mutter	porca	tuerca
39	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
40	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
41	2107398	2	Seal	joint étanchéité	Dichtung	vedador	sello

¹ When 121012 is used alone, replace with 128117 oil seal.

¹ Lorsque 121012 est utilisé seul, le remplacer par le joint d'étanchéité d'huile 128117

¹ Wenn Posten 121012 allein verwendet wird, durch Öldichtung 128117 ersetzen.

¹ Se 121012 for utilizado isoladamente, substituir por junta de óleo 128117

¹ Al utilizar 121012 solo, reemplazar con selladura para aceite 128117

² When 121012 is used with 121169, replace the pair with 124325.

² Lorsque 121012 est utilisé avec 121169, remplacer les deux par 124325.

² Wenn Posten 121012 mit Buchse 121169 verwendet wird, das Paar durch Öldichtung 124325 ersetzen.

² Se utilizado com 121169, substituir o par por 124325.

² Al utilizar 121012 con 121169, reemplazar el par con 124325.

³ Optional, with no-spin differential.

³ Facultatif, avec différentiel anti-patinage.

³ Wahlweise, mit no-spin Differential.

³ Facultativo, com diferencial anti-patinante.

³ Opcional, con diferencial anti-patinaje.

⁴ Inc 34

⁵ See item 14

⁵ Voir article 14

⁵ Siehe Teil 14

⁵ Ver item 14

⁵ Ver item 14

⁶ Inc 15, 20, 21, 37→41

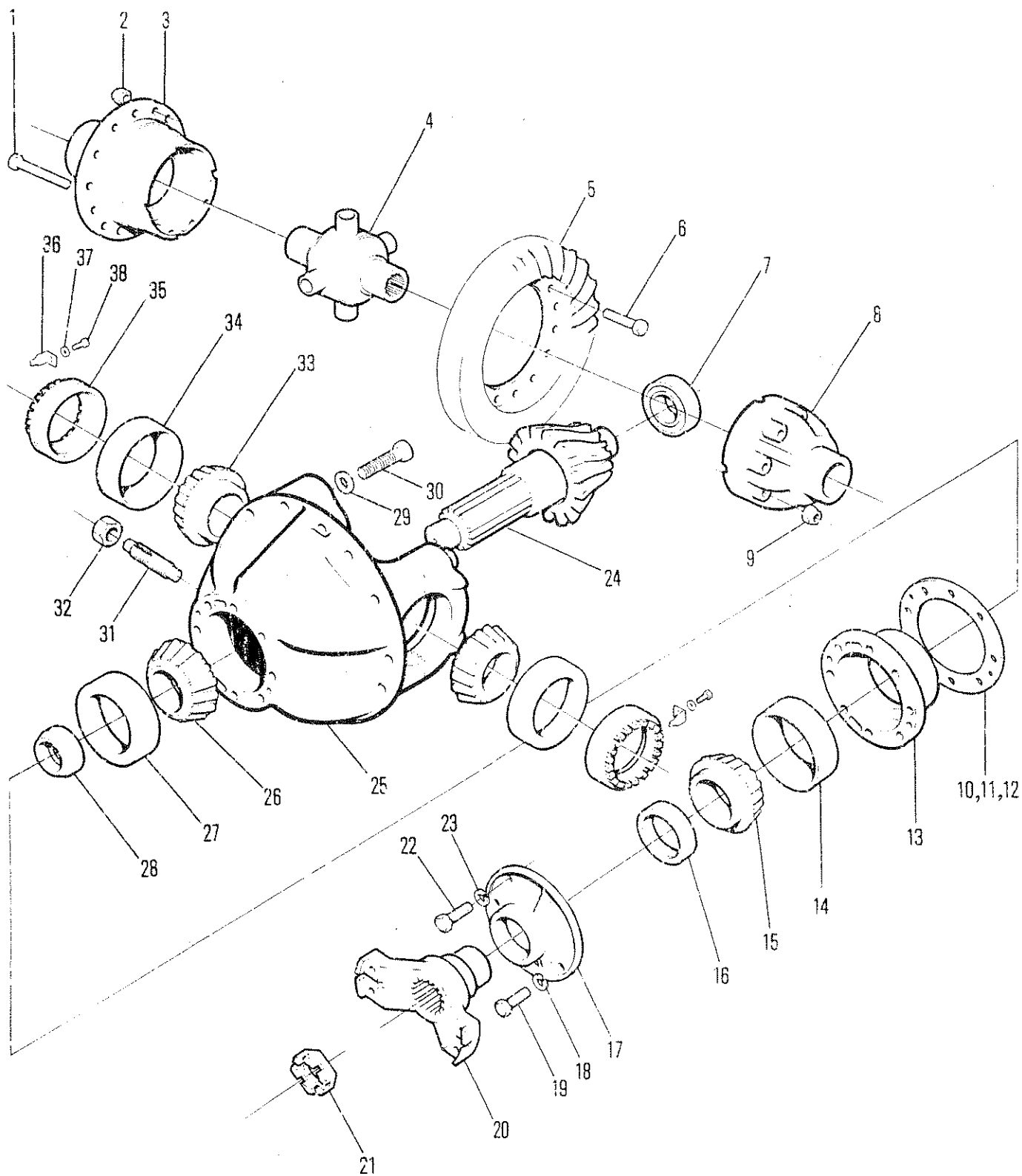
⁷ Standard, without no-spin differential.

⁷ Standard, sans différentiel anti-patinage.

⁷ Serienmässig, ohne so spin Differential.

⁷ Standard, sem diferencial anti-patinante.

⁷ Standard, sin diferencial anti-patinaje.



5979TF

DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17600
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17600
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17600
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	127991	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	124436	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
C	124435	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
D	112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
E	815204	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	ig corona&pasador
F	124886	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
1	100174	8	Bolt	boulon	Bolzen	parafuso	bulón
2	104182	8	Nut	écrou	Mutter	porca	tuerca
3	-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
4	125600	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
5	-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
6	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
7	675536	1	Bearing	palier	Lager	mancal	cojinete
8	-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
9	106762	12	Washer	rondelle	Scheibe	arruela	arandela
10	5112354	-	Shim	cale	Beilage	calço	planchita
11	125576	19	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
12	125577	19	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
13	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
14	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
15	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
16	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
17	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
18	4E000005	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	17C000932	5	Bolt	boulon	Bolzen	parafuso	bulón
20	106081	1	Flange	flange	Flansch	bride	brida
21	2107447	1	Nut	écrou	Mutter	porca	tuerca
22	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
23	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	-----	1	Pinion	pignon	Ritzel	pinhão	pion
25	-----	1	Housing	botier	Gehuse	carcaca	carcasa
26	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
27	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
28	815040	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
29	4E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	123830	4	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presiô
31	123800	1	Screw	vis	Schraube	parafuso	tornillo
32	8D000014	1	Nut	écrou	Mutter	porca	tuerca
33	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
34	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
35	122765	2	Adjusting nut	vis dajustage	Einstellmutter	porca de ajuste	tuerca de ajuste
36	100941	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
37	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
38	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón

1 No longer available, Inc B,C,D,E,F 1→38
 1 N'est plus disponible, comprend B,C,D,E,F 1→38
 1 Nicht mehr erhältlich, einschli B,C,D,E,F, 1→38
 1 Não está mais disponível, incl. B,C,D,E,F, 1→38
 1 No se produce más, inc. B,C,D,E, 1→38

2 Inc 1, 3, 8 & 9

3 Inc B, 1, 3, 4, 8 & 9

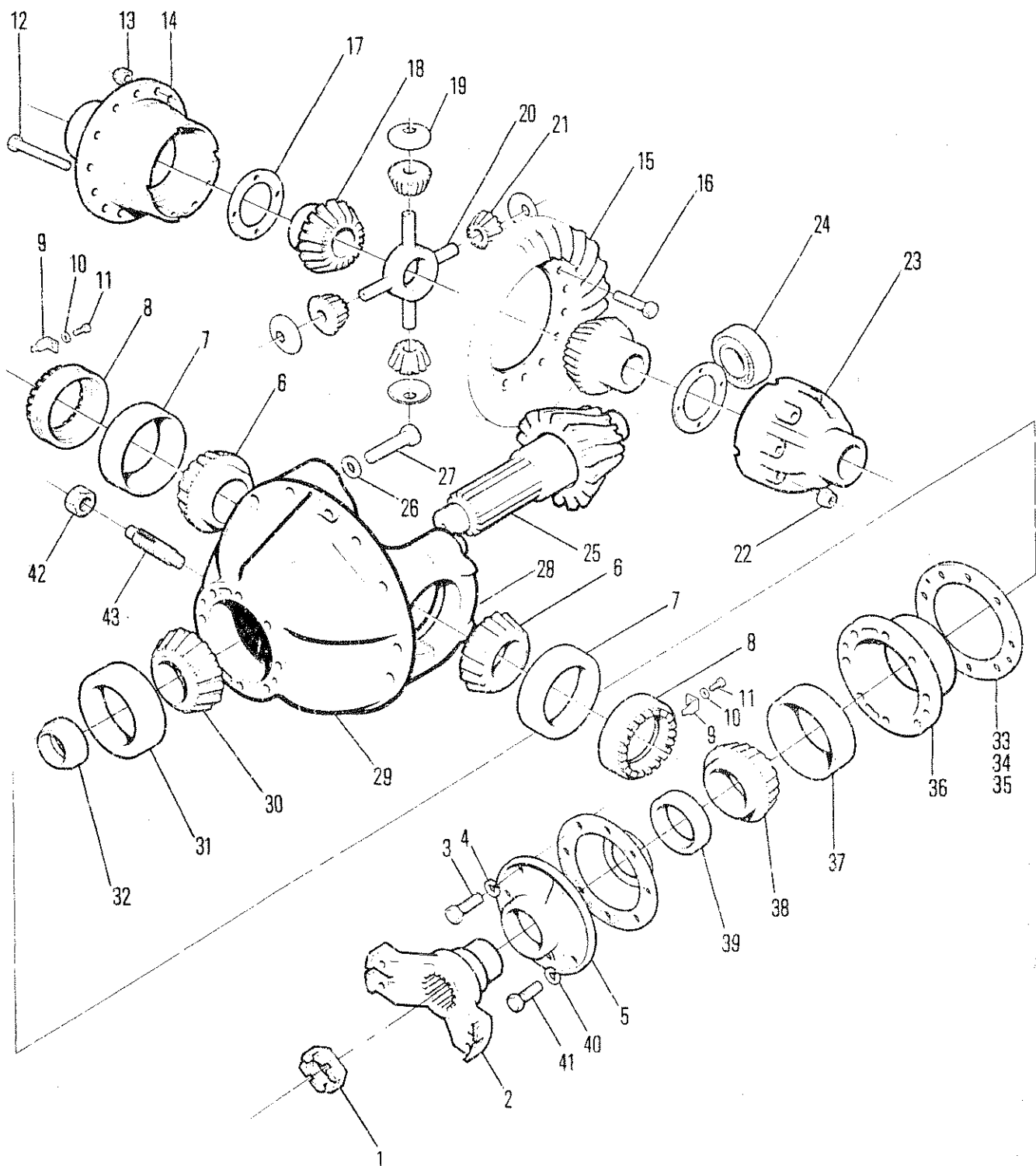
4 Inc 29 & 30

5 Quantity two (2) needed when ordering one (1) 112354 Shim
 5 Quantité (2) lors de la commande de (1) cale 112354
 5 Menge (2) bei Bestellung von (1) Beilage 112354
 5 Quantidade (2) pedir quando necessitar (1) Calço no. 112354
 5 Cantidad Se necesitan (2) cuando se ordena (1) Planchita 112354

6 Inc 5 & 24

7 Inc B, E, 1→4, 6, 8 & 9

664GM 514E-101-CAC→514F-9999-CAC
 664GMGR 508A-101-CAC→508C-9999-CAC



5323TP

DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17600
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17600
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17600
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 127990	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	² 112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
C	³ 126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
D	⁴ 815204	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
E	⁵ 124995	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
F	⁶ 124444	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
G	⁶ 816099	1	Gear kit	engrenage jeu	Zahnradatz	engrenagem jôgo	engranaje juego
1	² 107447	1	Nut	écrou	Mutter	porca	tuerca
2	¹ 106081	1	Flange	flange	Flansch	bride	brida
3	¹ 7C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
4	¹ 4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	¹ 112352	1	Retainer	arrêtoir	Halterung	retentor	retén
6	² 675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
7	² 675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
8	² 122765	2	Adjusting nut	vis dajustage	Einstellmutter	porca de ajuste	tuerca de ajuste
9	² 100941	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
10	² 4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	² 1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
12	⁸ 100174	8	Bolt	boulon	Bolzen	parafuso	bulón
13	⁸ 104182	8	Nut	écrou	Mutter	porca	tuerca
14	-----	1	Flange half	demi-flasque	Flanschlfte	meia flange	media brida
15	-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
16	¹² 100176	12	Bolt	boulon	Bolzen	parafuso	bulón
17	² 100173	2	Washer	rondelle	Scheibe	arruela	arandela
18	² 9S-----	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
19	⁴ 100172	4	Washer	rondelle	Scheibe	arruela	arandela
20	⁴ 100171	4	Spider	croisillon	Kreuzgelenk	cruzeta	cruceta
21	¹ 9S-----	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
22	⁸ 106762	8	Washer	rondelle	Scheibe	arruela	arandela
23	-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
24	¹ 675536	1	Bearing	palier	Lager	mancal	cojinete
25	-----	1	Pinion	pignon	Ritzel	pinhão	pion
26	⁴ 26E000012	4	Washer	rondelle	Scheibe	arruela	arandela
27	⁴ 123830	4	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presió
28	¹ 9S-----	1	Diff case	boitier differential	Differentialgehäuse	diferencial carcaca	diferencial carcasa
29	¹ 815784	1	Carrier assy	porteur ens	Trger vollst	conj suporte	conj soporte
30	¹ 667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
31	¹ 667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
32	¹ 815040	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
33	[±] 112354	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
34	[±] 125578	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
35	[±] 125577	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM

¹ No longer available. Inc 1→43
¹ N'est plus disponible, comprend 1→43
¹ Nicht mehr erhältlich, einschl 1→43
¹ Não está mais disponível, incl 1→43
¹ No se produce más, inc 1→43

² Inc. 42 & 43

³ Inc 12, 14, 22 & 23

⁴ Inc. 15 & 25

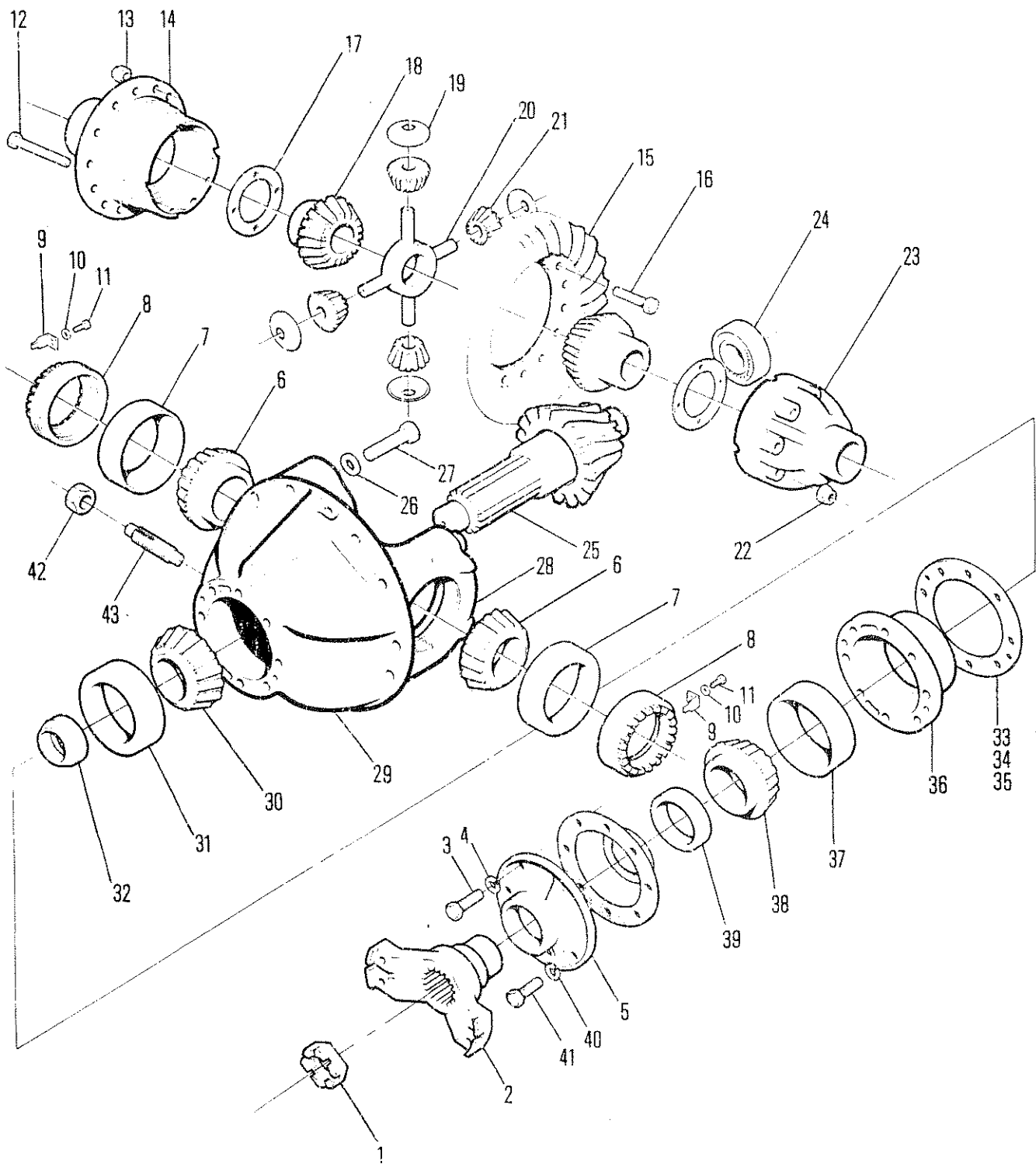
⁵ Inc F, 12, 14, 17→23

⁶ Inc C,D, 12→14, 16→23

⁷ Inc. B, 42 & 43

⁸ Inc 18 & 21

⁹ See G



5323TP

DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17600
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17600
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17600
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
37	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
38	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
39	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
40	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
41	17C000936	5	Bolt	boulon	Bolzen	parafuso	bulón
42	8D000014	1	Nut	écrou	Mutter	porca	tuerca
43	123800	1	Screw	vis	Schraube	parafuso	tornillo

¹ No longer available, Inc 1→43
¹ N'est plus disponible, comprend 1→43
¹ Nicht mehr erhältlich, einschli 1→43
¹ Não está mais disponível, incl 1→43
¹ No se produce más, inc 1→43

² Inc. 42 & 43

³ Inc 12, 14, 22 & 23

⁴ Inc. 15 & 25

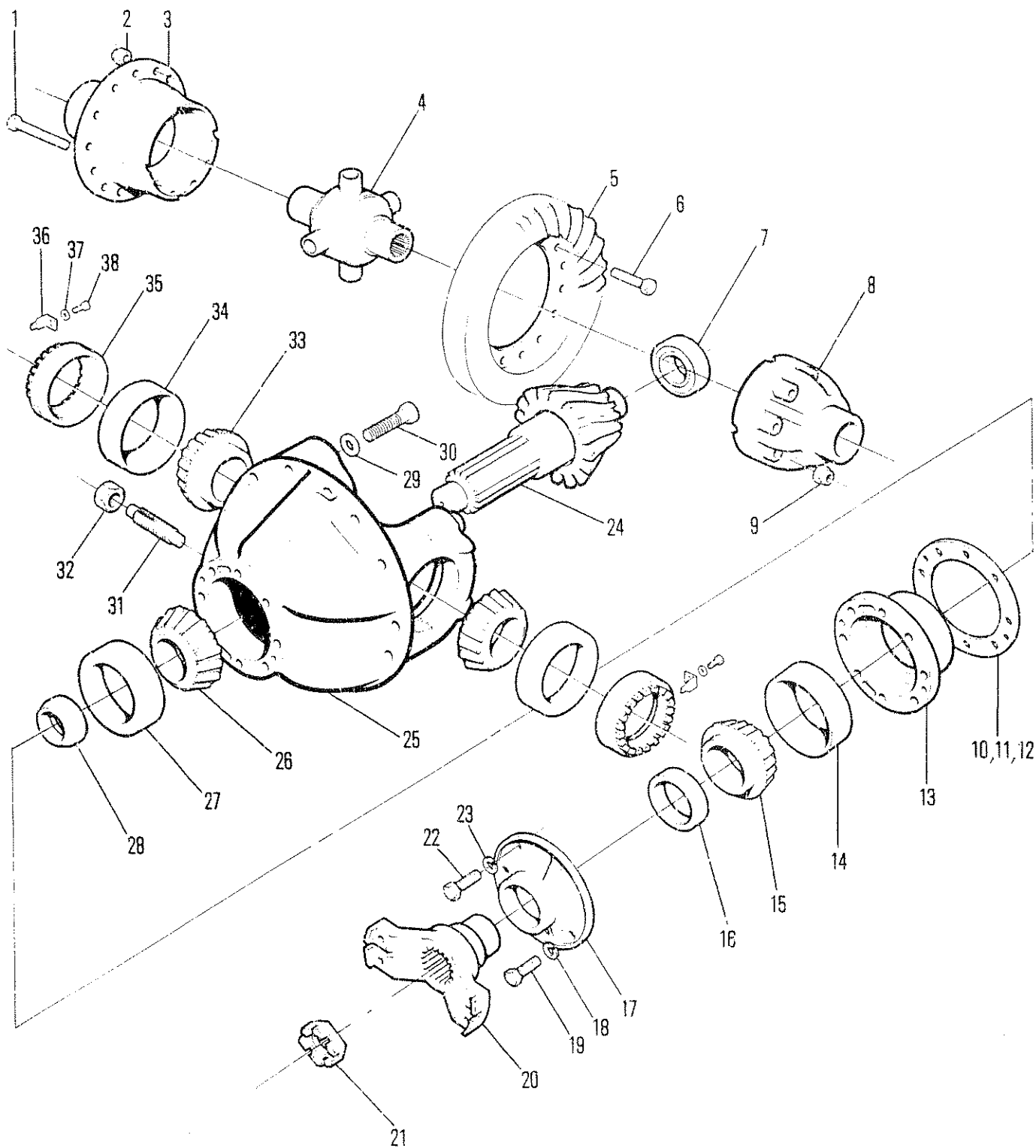
⁵ Inc F, 12, 14, 17→23

⁶ Inc C,D, 12→14, 16→23

⁷ Inc. B, 42 & 43

⁸ Inc 18 & 21

⁹ See G



DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17900 & 17800
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17900 & 17800
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17900 & 17800
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17900 & 17800
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17900 & 17800

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 127994	1	Diff&Carr assy	ens dif porte-plan	Diff&Träger voll	conj difer&sup	conj difer&sop
B	² 124436	1	Diff case assy	boîtier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
C	³ 124435	1	Diff body	corps de diff	Differentialkörper	corpo do dif	cuerpo diferenc
D	⁴ 112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
E	⁵ 118150	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzstz	jogo coroa&pinhão	ig corona&pasador
F	⁷ 124886	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
1	100174	8	Bolt	boulon	Bolzen	parafuso	bulón
2	104182	8	Nut	écrou	Mutter	porca	tuerca
3	-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
4	125600	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
5	-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
6	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
7	675536	1	Bearing	palier	Lager	mancal	cojinete
8	-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
9	106762	12	Washer	rondelle	Scheibe	arruela	arandela
10	⁵ 112354	-	Shim	cale	Beilage	calço	planchita
11	¹ 125576	19	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
12	¹ 125577	19	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
13	124041	1	Pinion brg cage	cage roul de pign	Ritzzellagerkäfig	grade rol pinhão	jaula coj piñon
14	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
15	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
16	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
17	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
18	4E000005	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	17C000932	5	Bolt	boulon	Bolzen	parafuso	bulón
20	106081	1	Flange	flange	Flansch	bride	brida
21	2107447	1	Nut	écrou	Mutter	porca	tuerca
22	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
23	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	-----	1	Pinion	pignon	Ritzel	pinhão	piñon
25	-----	1	Housing	boîtier	Gehuse	carcaca	carcasa
26	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
27	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
28	815040	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
29	4E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	123830	4	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presiô
31	123800	1	Screw	vis	Schraube	parafuso	tornillo
32	8D000014	1	Nut	écrou	Mutter	porca	tuerca
33	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
34	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
35	122765	2	Adjusting nut	vis dajustage	Einstellmutter	porca de ajuste	tuerca de ajuste
36	100941	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
37	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
38	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ No longer available, Inc B,C,D,E,F 1→38
¹ N'est plus disponible, comprend B,C,D,E,F 1→38
¹ Nicht mehr erhältlich, einschl B,C,D,E,F, 1→38
¹ Não está mais disponível, incl. B,C,D,E,F, 1→38
¹ No se produce más, inc. B,C,D,E, 1→38

² Inc 1, 3, 8 & 9

³ Inc B,1, 3, 4, 8 & 9

⁴ Inc 29 & 30

⁵ Quantity two (2) needed when ordering one (1) 112354 Shim

⁵ Quantité (2) lors de la commande de (1) cale 112354

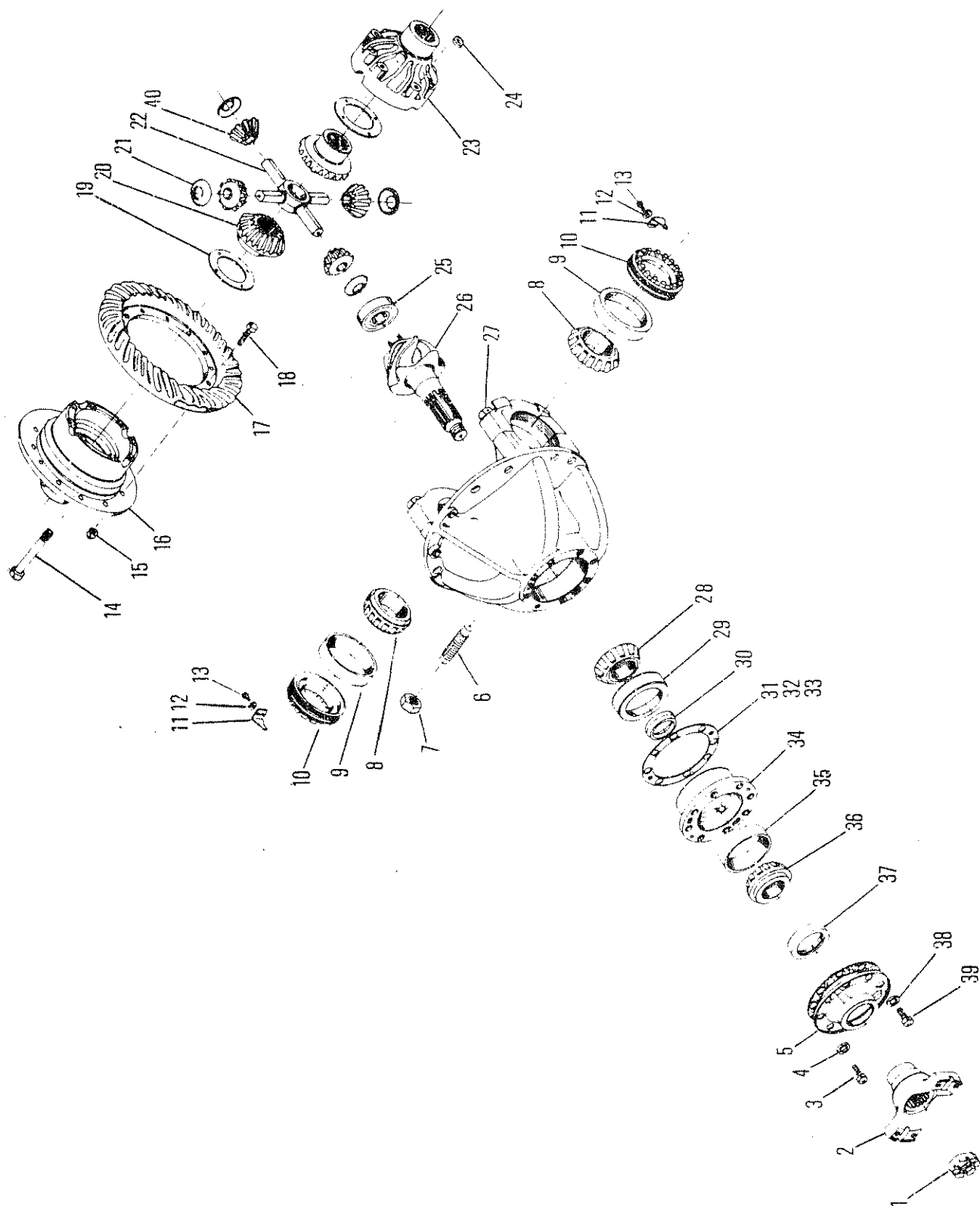
⁵ Menge (2) bei Bestellung von (1) Beilage 112354

⁵ Quantidade (2) pedir quando necessitar (1) Calço no. 112354

⁵ Cantidad Se necesitan (2) cuando se ordena (1) Planchita 112354

⁶ Inc 5 & 24

⁷ Inc B, E, 1→4, 6, 8 & 9



DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17900 & 17800
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT FD-17900 & FD-17800
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE FD-17900 & FD-17800
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO FD-17900 & FD-17800
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO FD-17900 & FD-17800

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1127993	1	Diff&Carr assy	ens dif porte-plan	Diff&Träger voll	conj difer&sup	conj difer&sop
B	2126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaça cj	dif carcasa cj
C	3124444	1	Diff body	corps de diff	Differentialkörper	corpo do dif	cuerpo diferenc
D	4112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veículo	capota&transportador
E	5118150	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
F	6124179	1	Diff assy	différentiel ens	Differential voll	diferencial cj	diferencial cj
G	816099	1	Gear kit	engrenage jeu	Zahnradatz	engrenagem jôgo	engranaje juego
1	2107447	1	Nut	écrou	Mutter	porca	tuerca
2	106081	1	Flange	flange	Flansch	brida	brida
3	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
4	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
6	123800	1	Screw	vis	Schraube	parafuso	tornillo
7	8D000014	1	Nut	écrou	Mutter	porca	tuerca
8	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
9	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
10	122765	2	Adjusting nut	vis dajustage	Einstellmutter	porca de ajuste	tuerca de ajuste
11	100941	2	Nut lock	frein décrou	Schraubensicherung	contraporca	contratuerca
12	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
14	100174	8	Bolt	boulon	Bolzen	parafuso	bulón
15	104182	8	Nut	écrou	Mutter	porca	tuerca
16	-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
17	-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
18	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
19	100173	2	Washer	rondelle	Scheibe	arruela	arandela
20	9S-----	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
21	100172	4	Washer	rondelle	Scheibe	arruela	arandela
22	100171	1	Spider	croisillon	Kreuzgelenk	cruzeta	cruceta
23	-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
24	106762	12	Washer	rondelle	Scheibe	arruela	arandela
25	675536	1	Bearing	palier	Lager	mancal	cojinete
26	-----	1	Pinion	pignon	Ritzel	pinhão	pion
27	-----	1	Diff carrier assy	ens chassis port dif	Träger Diffagr voll	conj suporte dif	conj sopor
28	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
29	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
30	815040	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
31	112354	2	Shim	cale	Beilage	calço	planchita
32	125576	-	Shim	cale	Beilage	calço	planchita
33	125577	-	Shim	cale	Beilage	calço	planchita
34	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula conj piñon
35	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
36	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
37	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
38	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	17C000932	5	Bolt	boulon	Bolzen	parafuso	bulón
40	9S-----	4	Gear	engrenage	Zahnrad	engrenagem	engranaje

1 No longer available, Inc B,C,D,E,F 1→39
 1 N'est plus disponible, comprend B,C,D,E,F 1→39
 1 Nicht mehr erhältlich, einschl B,C,D,E,F, 1→39
 1 Não está mais disponível, incl. B,C,D,E,F, 1→39
 1 No se produce más, inc. B,C,D,E, 1→39

2 Inc 14→16, & 23

3 Inc B,14→16, 19→23

4 Inc 6,7 & 27

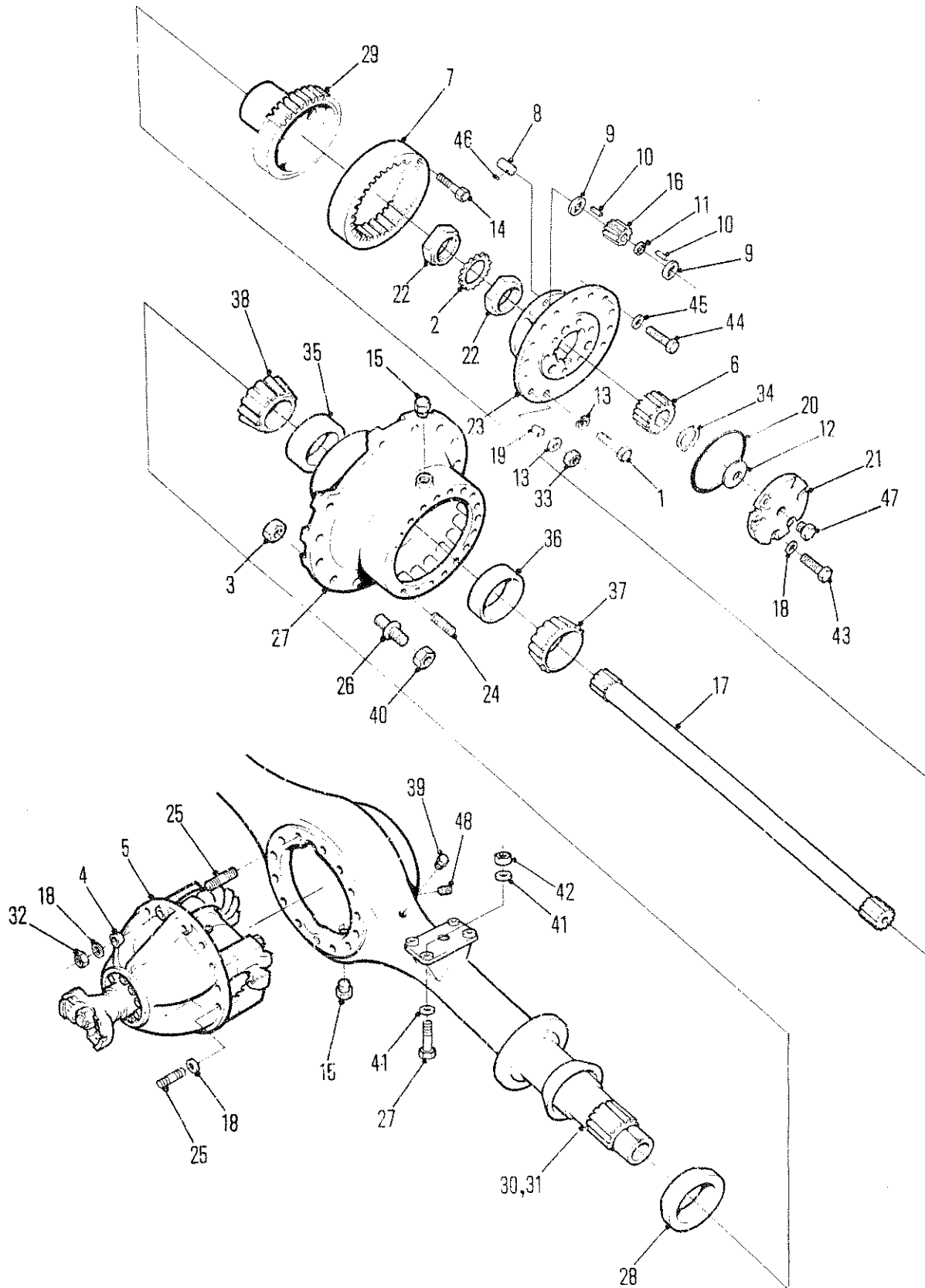
5 Inc 17 & 26

6 Inc B,C,E 15&18

7 Inc 20 & 40

8 See item G

664GM 514E-101-CAC→514F-9999-CAC
 664GMGR 508A-101-CAC→508C-9999-CAC



5367TP

AXLE ASSEMBLY, REAR 17600
ESSIEU AR ENSEMBLE 17600
ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB 17600
EIXO TRASEIRO, CONJUNTO 17600
EJE TRASERO, CONJUNTO 17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2193054	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	1192546	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	4107016	2	Intrnal gear&hub	engren int&moy	Internes Rad&Nabe	cubo e engr int	engr y cubo int
D	3122470	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
1	100970	10	Bolt	boulon	Bolzen	parafuso	bulón
2	101274	2	Nut	écrou	Mutter	porca	tuerca
3	103076	20	Nut	écrou	Mutter	porca	tuerca
4	103216	3	Dowel	goujon	Stift	espiga	espiga
5	0-----	1	Diff&Carrier assy	ens dif porte-plan	Diff&Träger voll	conj difer&sup	conj difer&sop
6	106058	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
7	106059	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
8	106349	6	Shaft	arbre	Welle	ávore	árbol
9	106350	12	Washer	rondelle	Scheibe	arruela	arandela
10	106351	348	Roller	galet	Rolle	rolete	rodillo
11	106352	6	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	106455	2	Washer	rondelle	Scheibe	arruela	arandela
13	106762	20	Washer	rondelle	Scheibe	arruela	arandela
14	106880	16	Bolt	boulon	Bolzen	parafuso	bulón
15	11F000004	2	Plug	bouchon	Stopfen	bujão	tapón
16	109088	6	Pinion	pignon	Ritzel	pinhão	pion
17	112054	2	Axle Shaft	arbre dessieu	Achsenwelle	á haste eixo	á barra eje
18	112278	26	Washer	rondelle	Scheibe	arruela	arandela
19	112287	10	Dowel	goujon	Stift	espiga	espiga
20	114089	2	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
21	5114119	2	Cap	chapeau	Kappe	tampa	tapa
22	114433	4	Nut	écrou	Mutter	porca	tuerca
23	114450	2	Planet spider	porte planétaire	Planetenkreuz	aranha do planeta	estrella planet
24	116419	10	Stud	goujon	Stift	prisioneiro	espárrago
25	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
26	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
27	18C001256	8	Bolt	boulon	Bolzen	parafuso	bulón
28	122664	2	Seal	joint étanchéité	Dichtung	vedador	sello
29	125482	2	Hub	moyeu	Nabe	cubo	cubo
30	7125683	1	Housing axle	boitier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
31	6127668	1	Housing axle	boitier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
32	64D000007	14	Nut	écrou	Mutter	porca	tuerca
33	64D000008	10	Nut	écrou	Mutter	porca	tuerca
34	224028	2	Ring	anneau	Ring	anel	anillo
35	658985	2	Cup	cuvette	Schale	capa	cubeta
36	672181	2	Cup	cuvette	Schale	capa	cubeta
37	672182	2	Cone	cône	Kegel	cone	cono
38	799408	2	Cone	cône	Kegel	cone	cono
39	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
40	1900649	20	Nut	écrou	Mutter	porca	tuerca

1 Inc 1 → 49

2 □ 514F-2326-CAC →, Inc 1 → 49

3 Inc 14 & 35

4 Inc 14, 7 & 29

5 Inc 12

6 □ 514F-2326-CAC → No longer available

6 □ 514F-2326-CAC → N'est plus disponible

6 □ 514F-2326-CAC → Nicht mehr erhältlich

6 □ 514F-2326-CAC → Não está mais disponível

6 □ 514F-2326-CAC → No se produce más

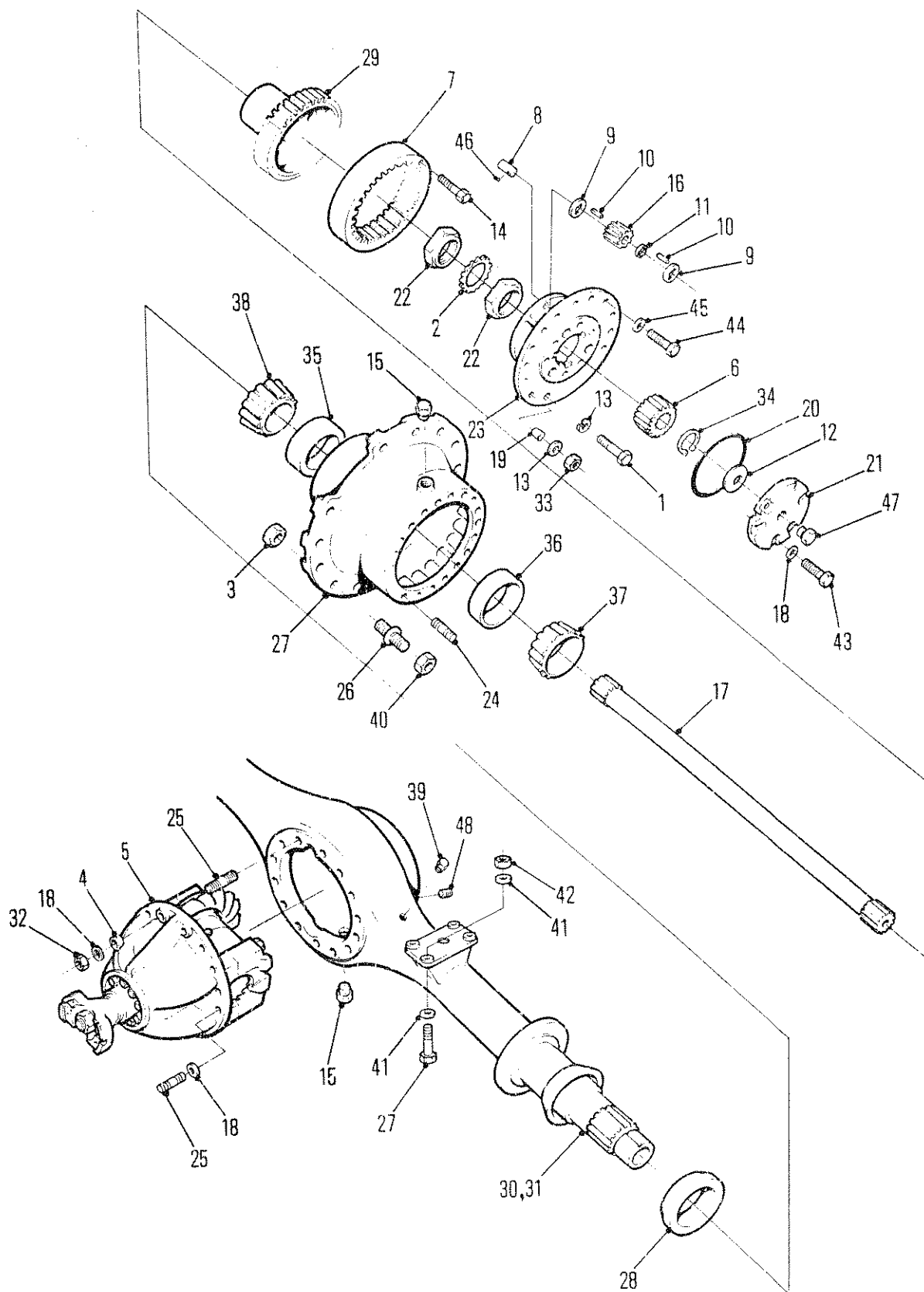
7 No longer available

7 N'est plus disponible

7 Nicht mehr erhältlich

7 Não está mais disponível

7 No se produce más



5367TP

AXLE ASSEMBLY, REAR 17600
ESSIEU AR ENSEMBLE 17600
ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB 17600
EIXO TRASEIRO, CONJUNTO 17600
EJE TRASERO, CONJUNTO 17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	1900671	16	Washer	rondelle	Scheibe	arruela	arandela
42	60D000012	-	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
43	1C000720	12	Screw	vis	Schraube	parafuso	tornillo
44	1C000808	4	Bolt	boulon	Bolzen	parafuso	bulón
45	3E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
46	10J000012	6	Ball	bille	Kugel	esfera	bola
47	11F000004	2	Plug	bouchon	Stopfen	bujão	tapón
48	11F000012	4	Plug	bouchon	Stopfen	bujão	tapón
49	18C001256	8	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1→49

² □514F-2326-CAC→, Inc 1→49

³ Inc 14 & 35

⁴ Inc 14, 7 & 29

⁵ Inc 12

⁶ □514F-2326-CAC→ No longer available

⁶ □514F-2326-CAC→ N'est plus disponible

⁶ □514F-2326-CAC→ Nicht mehr erhältlich

⁶ □514F-2326-CAC→ Não está mais disponível

⁶ □514F-2326-CAC→ No se produce más

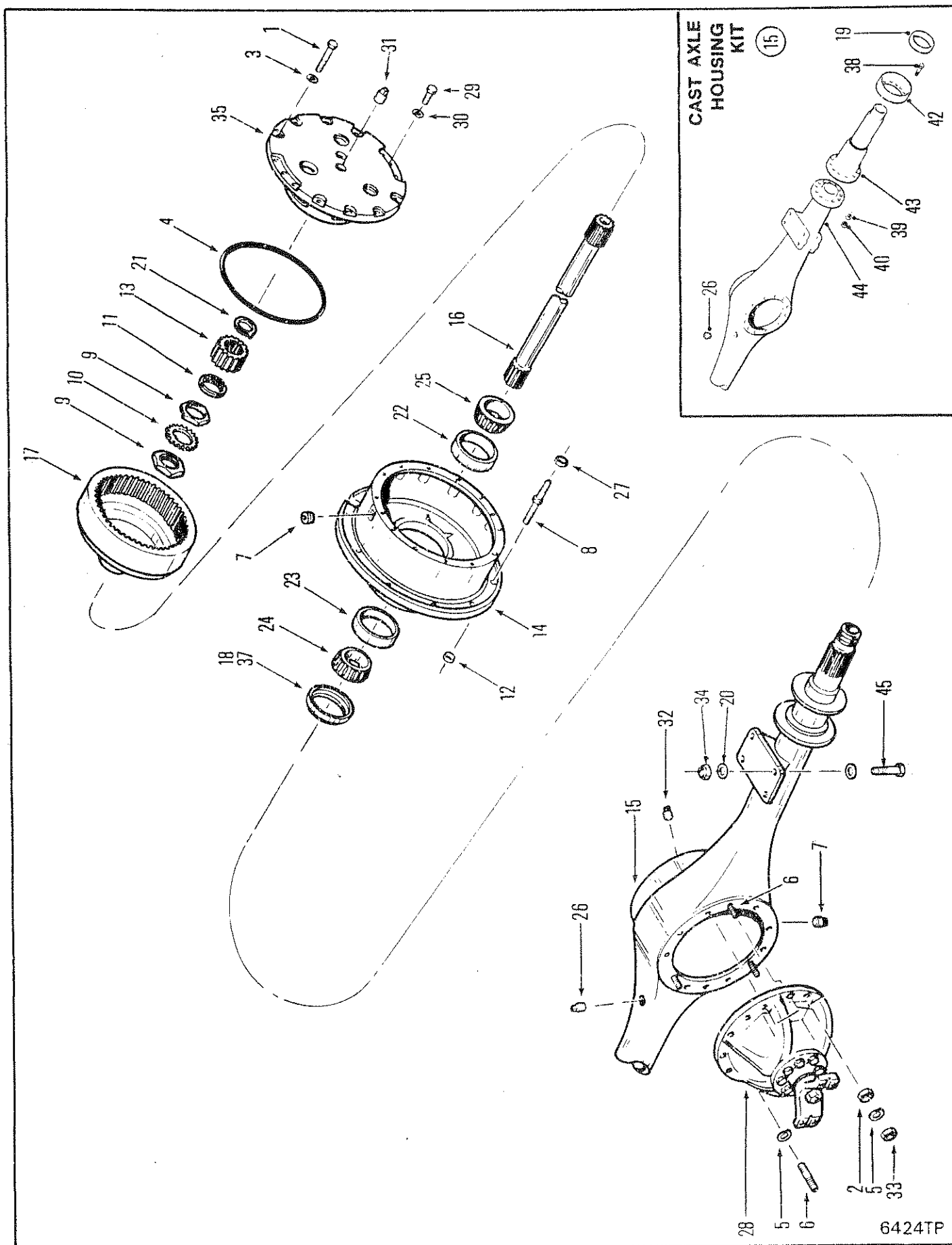
⁷ No longer available

⁷ N'est plus disponible

⁷ Nicht mehr erhältlich

⁷ Não está mais disponível

⁷ No se produce más



AXLE ASSEMBLY, REAR-17800 HEAVY DUTY
ESSIEU AR ENSEMBLE-17800 SERVICE DUR
ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB-17800 HOCHLEISTUNGS-AUSFÜHRUNG
EIXO TRASEIRO, CONJUNTO-17800 SERVIÇO PESADO
EJE TRASERO, CONJUNTO-17800 EXTRA-FUERTE REFORZADO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1191801	1	Rear drive axle	ess de trac AR	Hinterantriebsachse	eixo acion tras	eje impuls post
1	100970	24	Bolt	boulon	Bolzen	parafuso	bulón
2	103216	3	Dowel	goujon	Stift	espiga	espiga
3	106762	24	Washer	rondelle	Scheibe	arruela	arandela
4	107348	2	Ring	anneau	Ring	anel	anillo
5	112278	14	Washer	rondelle	Scheibe	arruela	arandela
6	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
7	119469	3	Plug	bouchon	Stopfen	bujão	tapón
8	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
9	121013	4	Nut	écrou	Mutter	porca	tuerca
10	121014	2	Nut lock	frein écrou	Schraubensicherung	contraporca	contratuerca
11	121015	2	Sleeve	manchon	Muffe	luva	manguito
12	86D000012	20	Nut	écrou	Mutter	porca	tuerca
13	121804	2	Sun gear	engrenage principal	Umlauftring	engrenagem solar	engrenaje planetario
14	2121851	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
15	4841037	1	Housing kit	ens boîtier	Gehäuse vollst	conj carcaça	juego carcasa
16	123672	2	Shaft	arbre	Welle	ávore	árbol
17	123904	2	Int gear&hub	ingren int&moy	Internes Rad&Nabe	cubo e engr int	engr y cubo int
18	124325	2	Seal	joint étanchéité	Dichtung	vedador	sello
19	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
20	1907578	8	Washer	rondelle	Scheibe	arruela	arandela
21	224028	2	Ring	anneau	Ring	anel	anillo
22	668553	2	Cup	cuvette	Schale	capa	cubeta
23	672004	2	Cup	cuvette	Schale	capa	cubeta
24	672005	2	Cone	cône	Kegel	cone	cono
25	675261	2	Cone	cône	Kegel	cone	cono
26	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
27	1900649	20	Nut	écrou	Mutter	porca	tuerca
28	0-----	1	Diff carrier assy	ens chassis port dif	Träger Diffagr voll	conj soporte dif	conj sopor
29	1C000808	4	Bolt	boulon	Bolzen	parafuso	bulón
30	3E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
31	11F000004	2	Plug	bouchon	Stopfen	bujão	tapón
32	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
33	64D000007	4	Nut	écrou	Mutter	porca	tuerca
34	18D000014	8	Nut	écrou	Mutter	porca	tuerca
35	0-----	-	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
36	19F000012	1	Bushing	chemise	Buchse	bucha	buje
37	3-----	2	Seal	joint étanchéité	Dichtung	vedador	sello
38	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
39	104412	20	Washer	rondelle	Scheibe	arruela	arandela
40	106998	20	Nut	écrou	Mutter	porca	tuerca
41	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón
42	2107398	2	Seal	joint étanchéité	Dichtung	vedador	sello
43	816098	2	Spindle kit	ensemble fusée	Spindel vollst	jôgo de haste	juego de huso
44	2106473	1	Housing	boîtier	Gehuse	carcaça	carcasa

¹ Inc. 1→44

² Inc 8, 12 & 24

³ When 121012 is used alone, replace with 128117 seal. When 121012 is used with 121169 sleeve, replace the pair with 124325 oil seal.

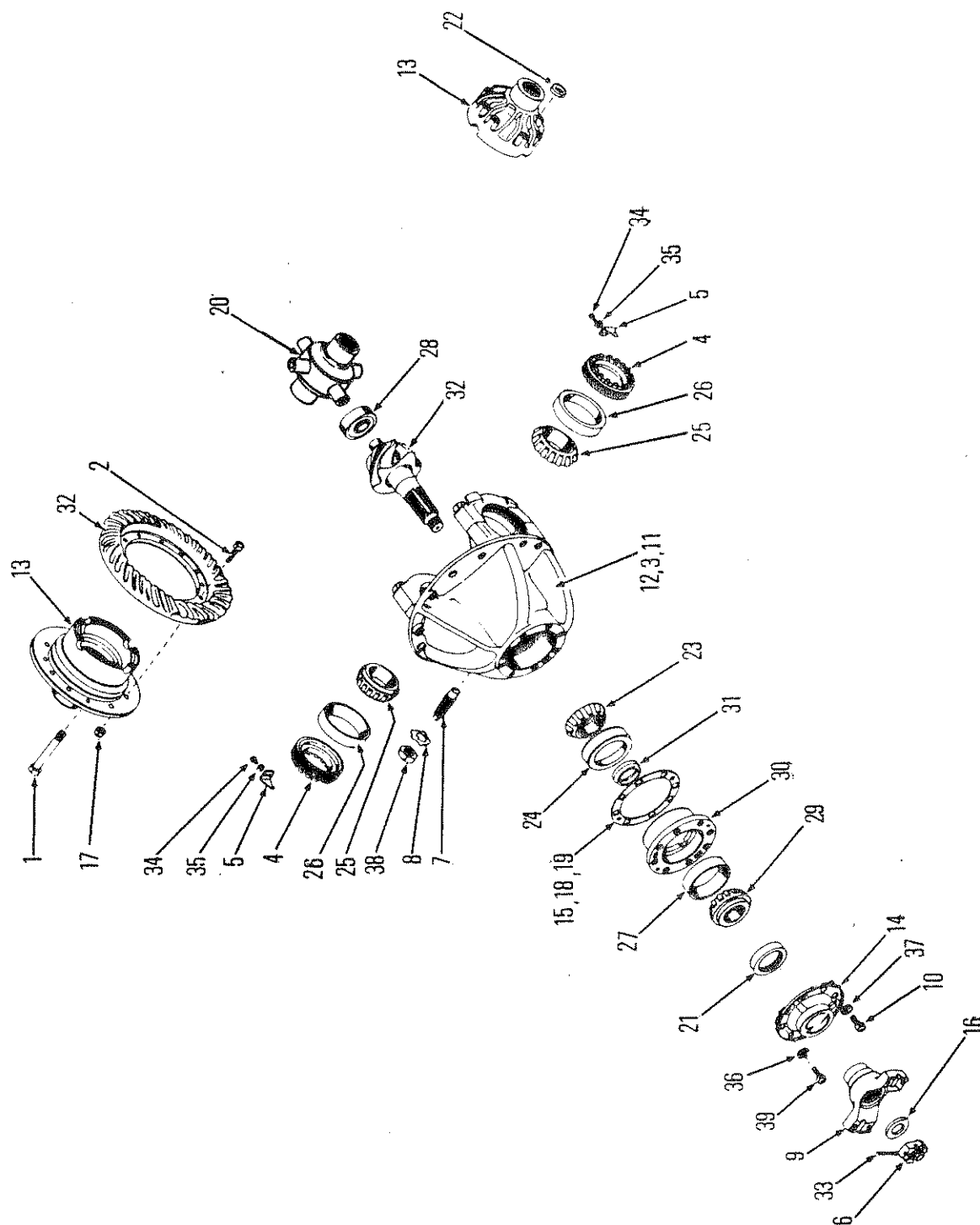
³ Lorsque 121012 est utilisé seul, le remplacer par le joint 128117. Lorsque 121012 est utilisé avec le manchon 121169, remplacer les deux par le joint d'étanchéité d'huile 124325.

³ Wenn Posten 121012 allein verwendet wird, durch Dichtung 128117 ersetzen. Bei Verwendung von 121012 mit Buchse 121169, das Paar durch Öldichtung 124325 ersetzen.

³ Se for utilizado somente 121012, substituir por junta 128117. Se 121012 for utilizado com luva 121169, substituir o par por junta de óleo 124325.

³ Al utilizar 121012 solo, reemplazar con selladura 128117. Al utilizar 121012 con camisa 121169, reemplazar el par n selladura para aceite 124325.

⁴ Inc 36, 38→44



DIFFERENTIAL & CARRIER ASSEMBLY, REAR-17600
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINENT, ARRIÈRE-17600
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN-17600
CONJUNTO DO DIFFERENCIAL & SUPORTE, TRASEIRA-17600
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO-17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1127992	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	1124997	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
C	1124435	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
1	17C000856	12	Bolt	boulon	Bolzen	parafuso	bulón
2	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
3	1123830	4	Bolt	boulon	Bolzen	parafuso	bulón
4	100940	1	Nut	écrou	Mutter	porca	tuerca
5	100941	1	Lock	serrure	Schloss	fechadura	cerradura
6	100950	1	Nut	écrou	Mutter	porca	tuerca
7	100953	1	Screw	vis	Schraube	parafuso	tornillo
8	100954	1	Lock	serrure	Schloss	fechadura	cerradura
9	106081	1	Flange	flange	Flansch	bride	brida
10	17C000928	5	Bolt	boulon	Bolzen	parafuso	bulón
11	111656	4	Washer	rondelle	Scheibe	arruela	arandela
12	112279	1	Cap&carrier	bouchon&porteur	Träger &Verschluss	cobert&veiculo	caopota&transportdor
13	1126894	1	Diff case kit	trsse corps differ	Diffgehäuse bausatz	jogo carcaca dif	juego carcaca dif
14	112352	1	Retainer	arrêtoir	Halierung	retentor	retén
15	112354	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
16	112928	1	Washer	rondelle	Scheibe	arruela	arandela
17	86D000008	12	Nut	écrou	Mutter	porca	tuerca
18	1125576	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
19	1125577	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
20	125600	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
21	127989	1	Seal	joint étanchéité	Dichtung	vedador	sello
22	106762	12	Washer	rondelle	Scheibe	arruela	arandela
23	667277	1	Cone	cône	Kegel	cone	cono
24	667278	1	Cup	cuvette	Schale	capa	cubeta
25	675248	1	Cone	cône	Kegel	cone	cono
26	675249	1	Cup	cuvette	Schale	capa	cubeta
27	675257	1	Cup	cuvette	Schale	capa	cubeta
28	675536	1	Bearing	palier	Lager	mancal	cojinete
29	710288	1	Cone	cône	Kegel	cone	cono
30	112350	1	Pinion brg cage	cage roul de pign	Ritzzellagerkäfig	grade rol pinhão	jaula coj piñon
31	815040	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
32	815202	1	Gear & pin set	ens cour dentée goup	Tellerrad & Ritzstz	jogo coroa & pinhão	jg corona & pasador
33	1F000428	1	Pin	goupille	Stift	pino	pasador
34	3C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
35	4E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
37	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
38	8D000014	1	Nut	écrou	Mutter	porca	tuerca
39	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 39

² Inc 1, 2, 17

³ Inc 1

⁴ Inc 1 & 17

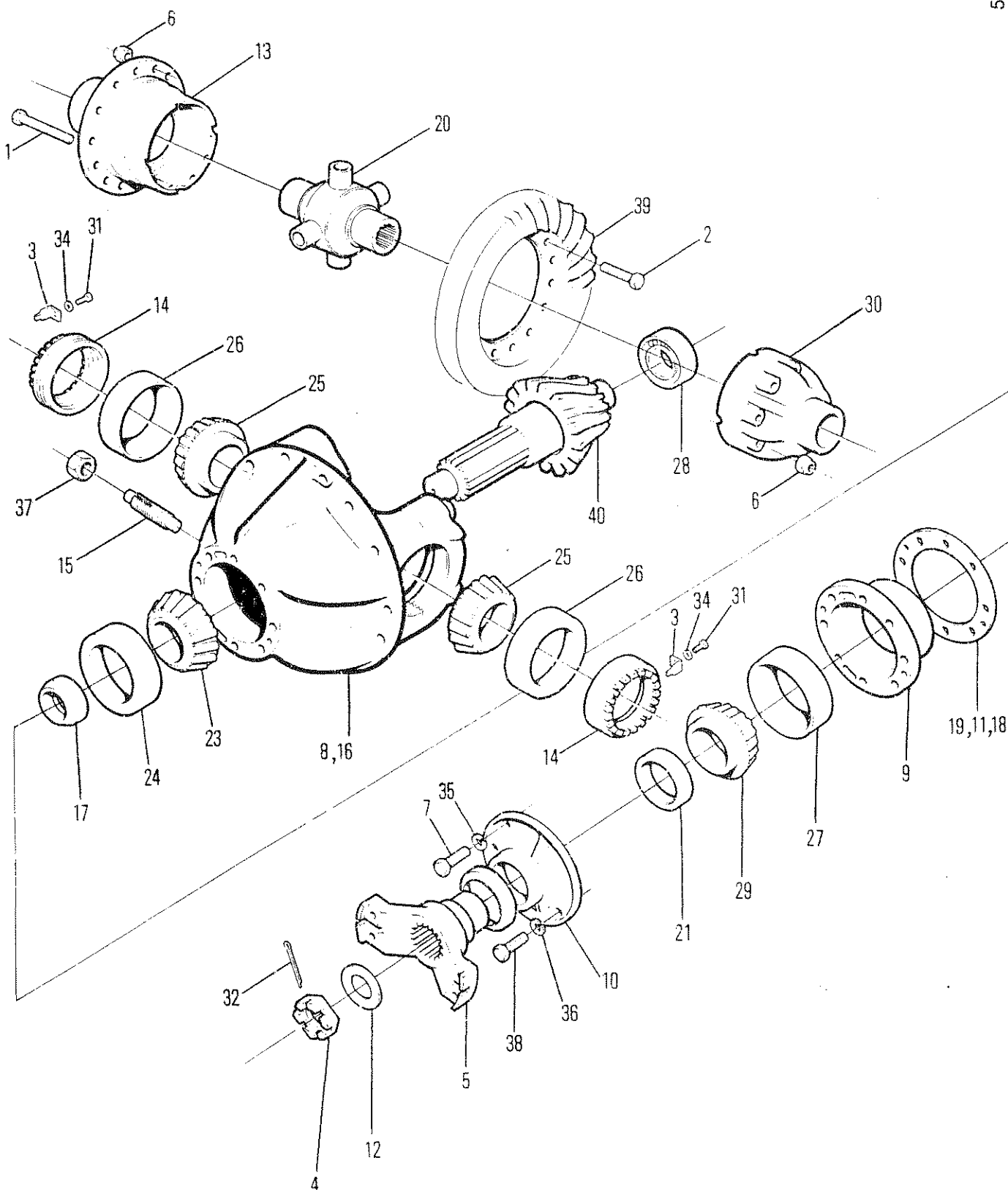
⁵ Quantity two (2) needed when ordering one (1) 112354 Shim

⁵ Quantité(2) lors de la commande de (1) cale 112354

⁵ Menge (2) bei Bestellung von(1) Beilag 112354

⁵ Quantidade (2) pedir quando necessitar (1_ Calço no. 112354

⁵ Cantidad Se necesitan (2) cuando se ordena (1) Planchita 112354



DIFFERENTIAL & CARRIER ASSEMBLY, REAR RD-17800&17900
ENSEMBLE DIFFÉRENTIAL-PALIER ET COUSSINENT, ARRIÈRE RD-17800&17900
DIFFERENTIALGETRIEBE UND TRÄGERAUFBAU, HINTEN RD-17800&17900
CONJUNTO DO DIFFERENCIAL E SUPORTE, TRASEIRA RD-17800&17900
CONJUNTO DE LA SUSPENSIÓN Y DIFERENCIAL, TRASERO RD-17800&17900

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	6127995	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	2124439	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
C	3124435	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
D	5126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
E	8110127	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzsatz	jogo coroa&pinhão	ig corona&pasador
1	17C000856	8	Bolt	boulon	Bolzen	parafuso	bulón
2	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
3	100941	2	Lock	serrure	Schloss	fechadura	cerradura
4	100950	1	Nut	écrou	Mutter	porca	tuerca
5	106081	1	Flange	bride	Flansch	flange	brida
6	18D000008	12	Nut	écrou	Mutter	porca	tuerca
7	17C000928	5	Bolt	boulon	Bolzen	parafuso	bulón
8	112279	1	Cap&carrier	bouchon&porteur	Träger &Verschluss	cobert&veiculo	caopota&transportdor
9	112351	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
10	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
11	7112354	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
12	119298	1	Washer	rondelle	Scheibe	arruela	arandela
13	4S-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
14	122765	2	Nut	écrou	Mutter	porca	tuerca
15	123800	1	Screw	vis	Schraube	parafuso	tornillo
16	123830	4	Bolt	boulon	Bolzen	parafuso	bulón
17	124040	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
18	125576	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
19	125577	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
20	125600	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
21	127989	1	Seal	joint étanchéité	Dichtung	vedador	sello
22	S-----	1	Pinion	pignon	Ritzel	pinhão	pion
23	667277	1	Cone	cône	Kegel	cone	cono
24	667278	1	Cup	cuvette	Schale	capa	cubeta
25	675248	2	Cone	cône	Kegel	cone	cono

1 Loctite 277 is used as a sealant on the inside surfaces of items 9 & 10
1 Loctite 277 est utilisé pour sceller les surfaces intérieures des articles 9 et 10
1 Loctite 277 wird als Dichtmittel an der Innenfläche der Pos. 9 & 10
1 Usar Loctite 277 par evitar afrouxamento na superfície interna dos itens 9 e 10
1 Loctite 277 es usado como sellador de las superficies interiores de los artículos 9 & 10

2 Inc 1, 6, 2, 20 & 22

3 Inc 1, 13, 20 & 30

4 See 30

4 Voir 30

4 Siehe 30

4 Veja 30

4 Véase 30

5 Inc 1, 6, 13 & 30

6 No longer available

6 N'est plus disponible

6 Nicht mehr erhältlich

6 Não está mais disponível

6 No se produce más

7 Quantity two (2) needed when ordering one (1) 112354 Shim

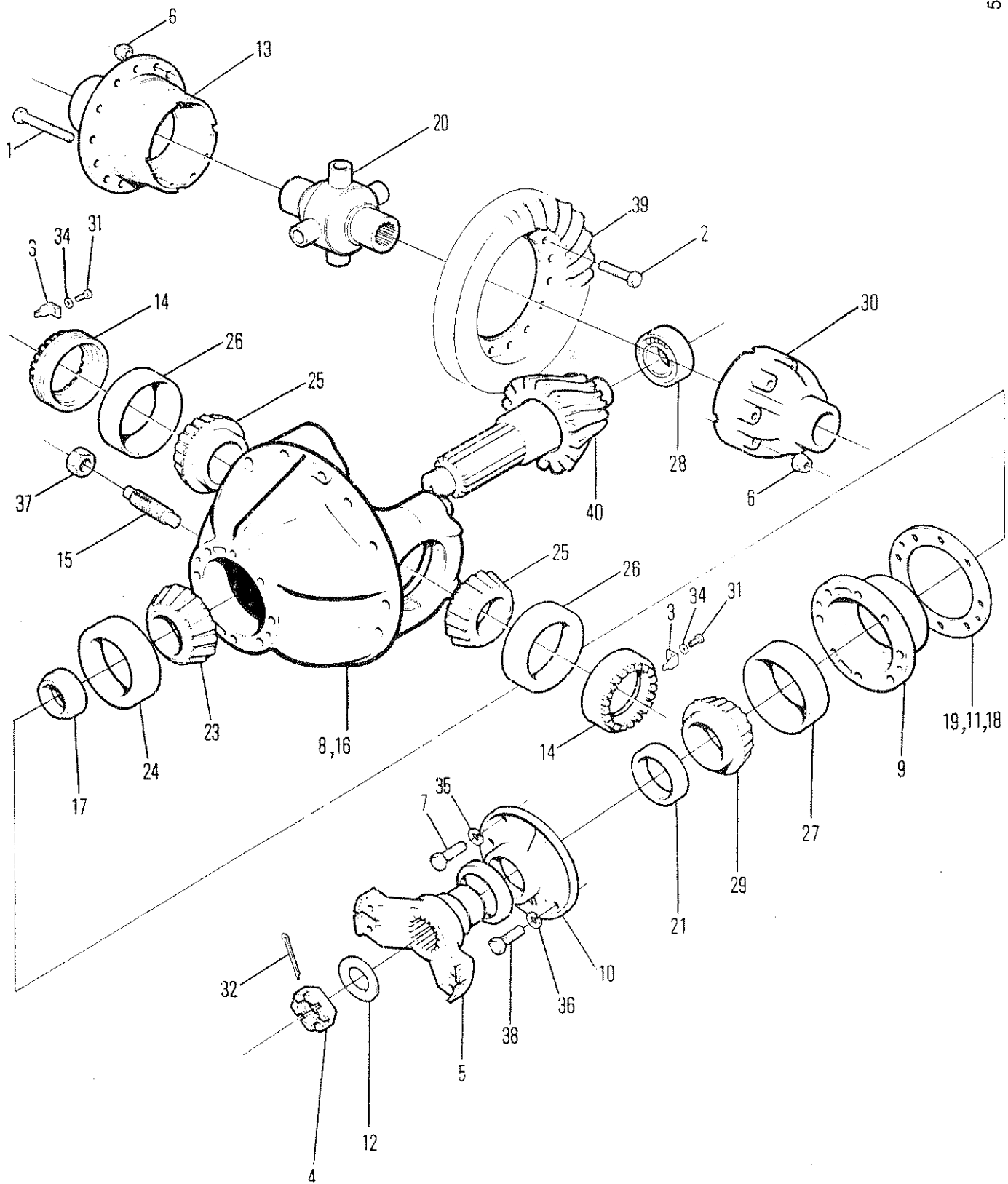
7 Quantité (2) lors de la commande de (1) cale 112354

7 Menge (2) bei Bestellung von (1) Beilag 112354

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

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

8 Inc 39 & 22



DIFFERENTIAL & CARRIER ASSEMBLY, REAR RD-17800&17900
ENSEMBLE DIFFÉRENTIAL-PALIER ET COUSSINENT, ARRIÈRE RD-17800&17900
DIFFERENTIALGETRIEBE UND TRÄGERAUFBAU, HINTEN RD-17800&17900
CONJUNTO DO DIFFERENCIAL E SUPORTE, TRASEIRA RD-17800&17900
CONJUNTO DE LA SUSPENSIÓN Y DIFERENCIAL, TRASERO RD-17800&17900

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
26	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
27	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
28	675536	1	Bearing	palier	Lager	mancal	cojinete
29	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
30	4S-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
31	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
32	1F000428	1	Pin	goupille	Stift	pino	pasador
33	3E000012	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
37	8D000014	1	Nut	écrou	Mutter	porca	tuerca
38	17C000828	5	Bolt	boulon	Bolzen	parafuso	bulón
39	8S-----	1	Ring Gear				

- ¹ Loctite 277 is used as a sealant on the inside surfaces of items 9 & 10
¹ Loctite 277 est utilisé pour sceller les surfaces intérieures des articles 9 et 10
¹ Loctite 277 wird als Dichtmittel an der Innentfläche der Pos. 9 & 10
¹ Usar Loctite 277 par evitar afrouxamento na superfície interna dos itens 9 e 10
¹ Loctite 277 es usado como sellador de las superficies interiores de los artículos 9 & 10

² Inc 1, 6, 2, 20 & 22

³ Inc 1, 13, 20 & 30

⁴ See 30

⁴ Voir 30

⁴ Siehe 30

⁴ Veja 30

⁴ Véase 30

⁵ Inc 1, 6, 13 & 30

⁶ No longer available

⁶ N'est plus disponible

⁶ Nicht mehr erhältlich

⁶ Não está mais disponível

⁶ No se produce más

⁷ Quantity two (2) needed when ordering one (1) 112354 Shim

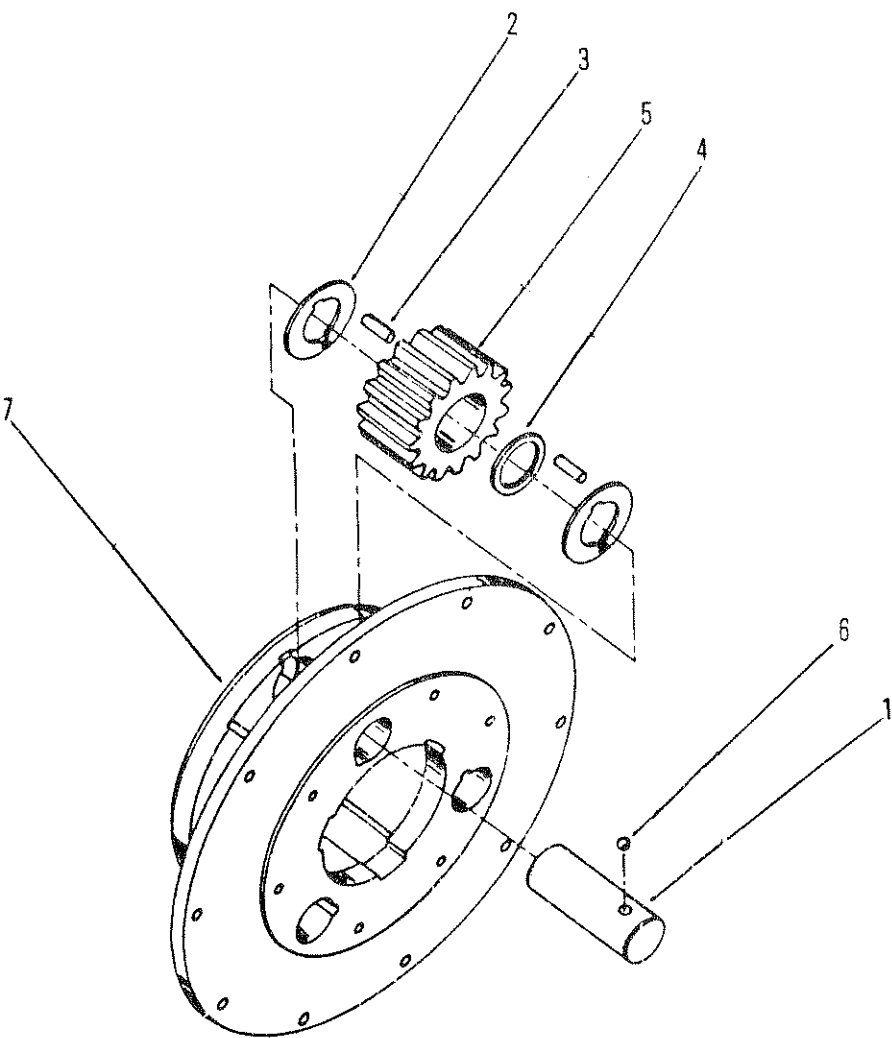
⁷ Quantité (2) lors de la commande de (1) cale 112354

⁷ Menge (2) bei Bestellung von (1) Beilag 112354

⁷ Quantidade (2) pedir quando necessitar (1) Calço no. 112354

⁷ Cantidad Se necesitan (2) cuando se ordena (1) Planchita 112354

⁸ Inc 39 & 22

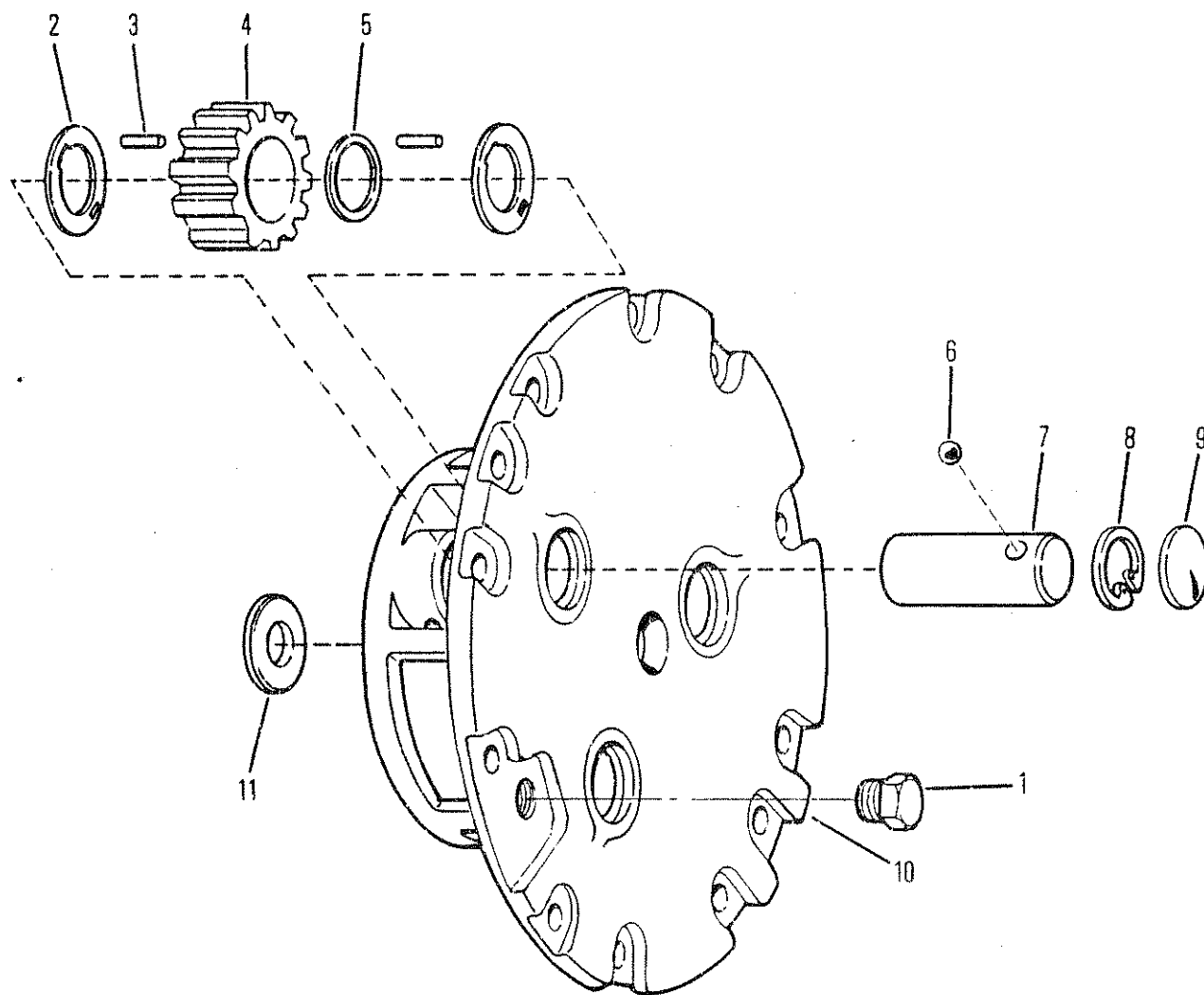


5333TP

PLANET CARRIER ASSEMBLY FD 17600 & RD 17600
PORTE PLANÉTAIRE ENSEMBLE FD 17600 & RD 17600
PLANENTRÄGER VOLLST FD 17600 & RD 17600
SUPORTE PLANET CONJUNTO FD 17600 & RD 17600
SOPORTE PLANET CONJUNTO FD 17600 & RD 17600

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	816090	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	106349	3	Shaft	arbre	Welle	ávore	árbol
2	106350	6	Washer	rondelle	Scheibe	arruela	arandela
3	106351	-	Roller	galet	Rolle	rolete	rodillo
4	106352	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	109088	3	Pinion	pignon	Ritzel	pinhão	pion
6	10J000012	3	Ball	bille	Kugel	esfera	bola
7	816092	1	Planet carrier	port planétaire	Planetträger	sup planet	sup planet

1 Inc 1 → 7



5983TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12127398	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	24K000007	1	Plug	bouchon	Stopfen	bujão	tapón
2	124574	6	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
3	124576	174	Roller needle	roul à aiguilles	Nadelrolle	rolete agulha	rodillo aguja
4	124573	3	Gear	engrenage	Zahnrad	engrenagem	engranaje
5	124577	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	10J000012	3	Lock ball	boule de verrouillage	Sperrkugel	esfera de travamento	bola de seguridad
7	124575	3	Shaft	arbre	Welle	ávore	árbol
8	672907	3	Snap ring	circlips	Sperring	anel de trava	anillo de retención
9	12F000200	3	Plug	bouchon	Stopfen	bujão	tapón
10	127399	1	Planet carrier	port planétaire	Planeträger	sup planet	sup planet
11	121166	1	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje

¹ Inc 1 → 11

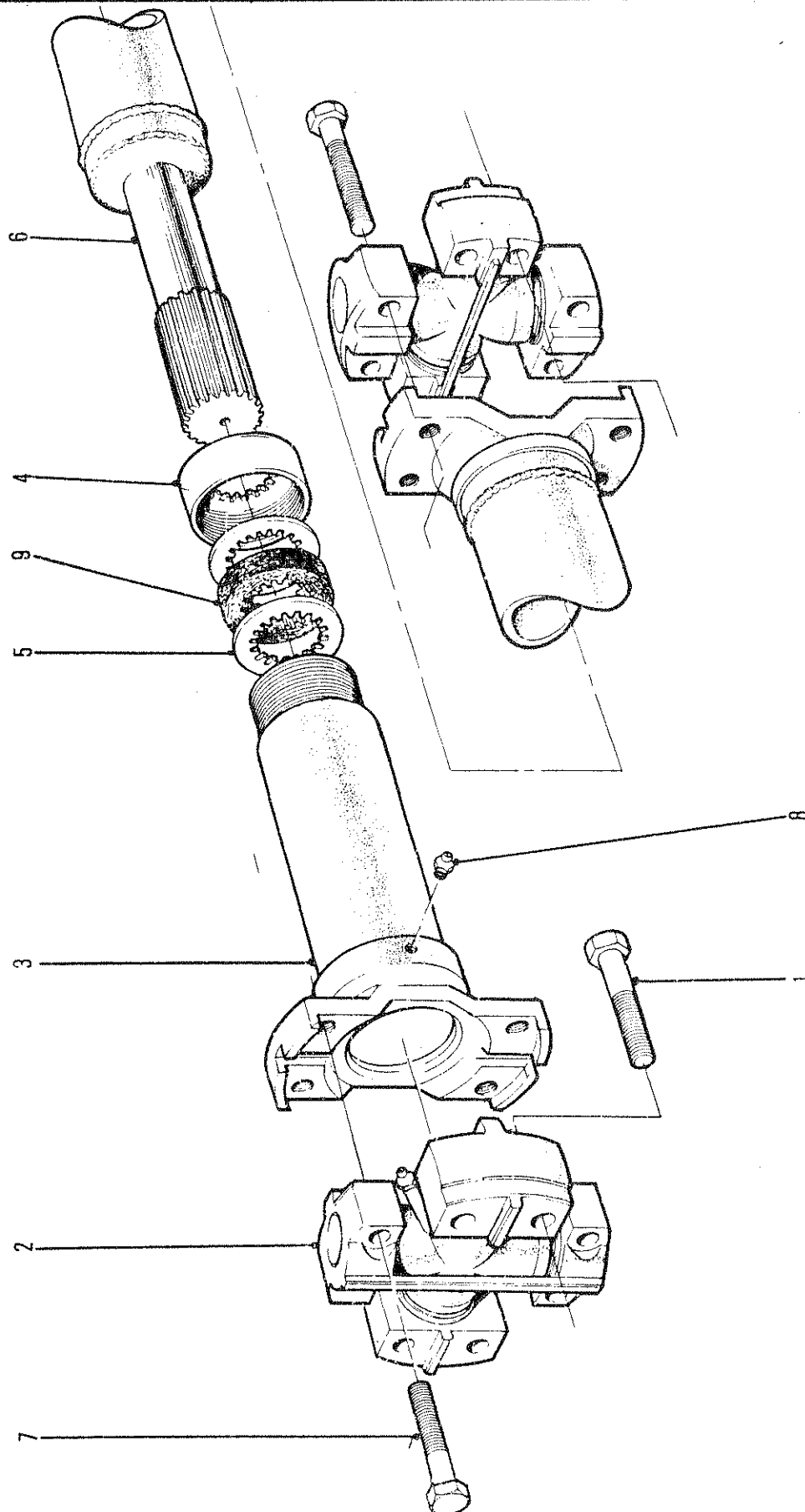
² No longer available. To service complete assembly order 1-2107707. See Group A4 30120.

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

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

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

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

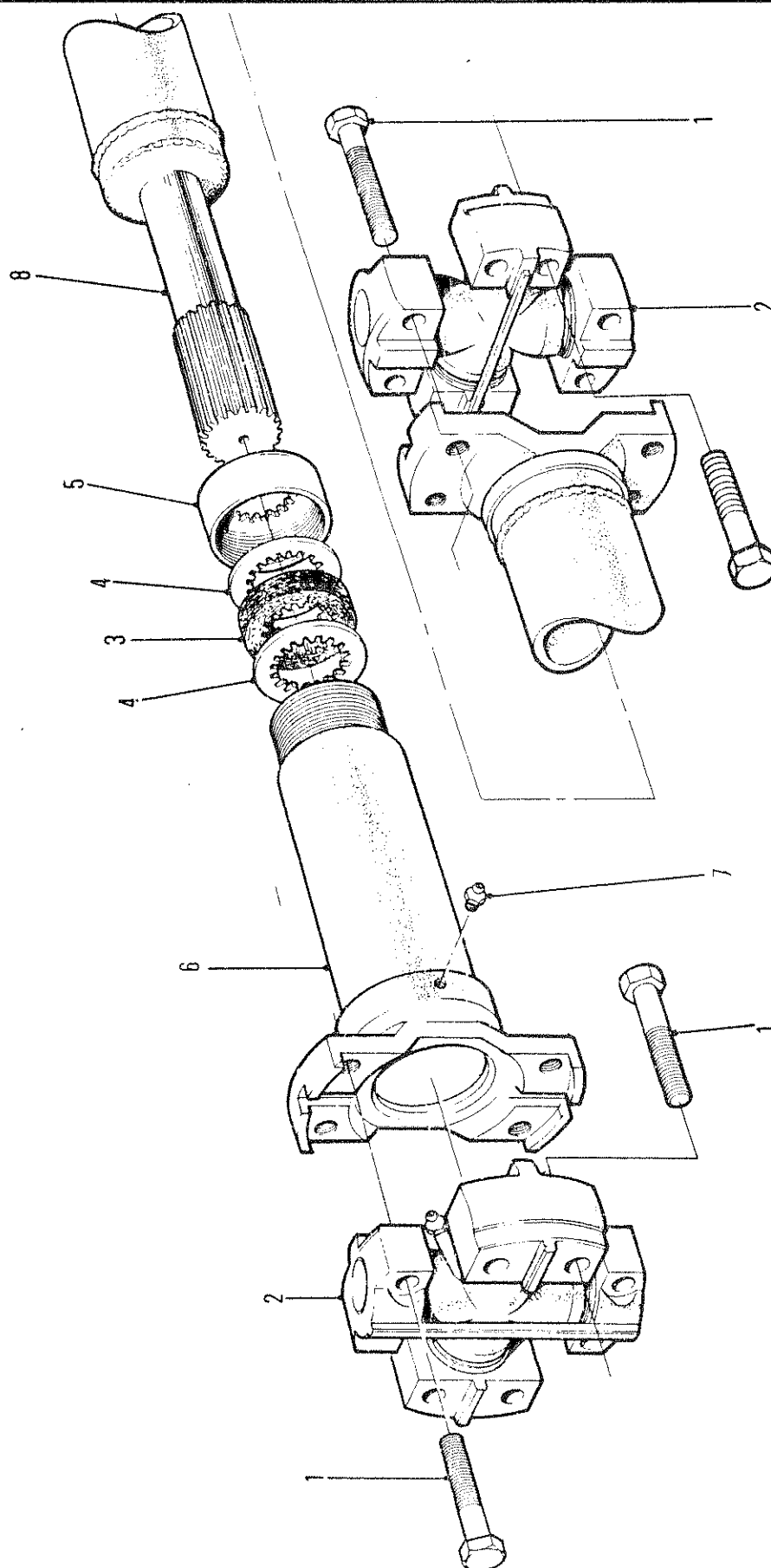


PROPELLER SHAFT ASSEMBLY, TRANSMISSION/CONVERTER
ARBRE D'ENTRAÎNEMENT, TRANSMISSION/CONVERTISSEUR ENSEMBLE
GELLENKSELLE VOLLSTÄNDIG, GETRIEBE/DREHMOMENTWANDLER
EIXO PROPULSOR, TRANSMISSÃO/CONVERTIDOR, CONJUNTO
ARBOL PROPULSOR, TRANSMISSION/CONVERTIDOR, CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11925884	1	Propshaft	arbre de l'hélice	Propellerwelle	eixo de propulsão	eje propulsor
B	21992250	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
2	887737	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
4	940654	1	Retainer	arrêtoir	Halterung	retentor	retén
5	1991954	2	Washer	rondelle	Scheibe	arruela	arandela
6	1991955	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	18C000524	8	Bolt	boulon	Bolzen	parafuso	bulón
8	10H000035	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
9	940081	1	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Inc B,2→9

² Inc 4, 5,8 & 9



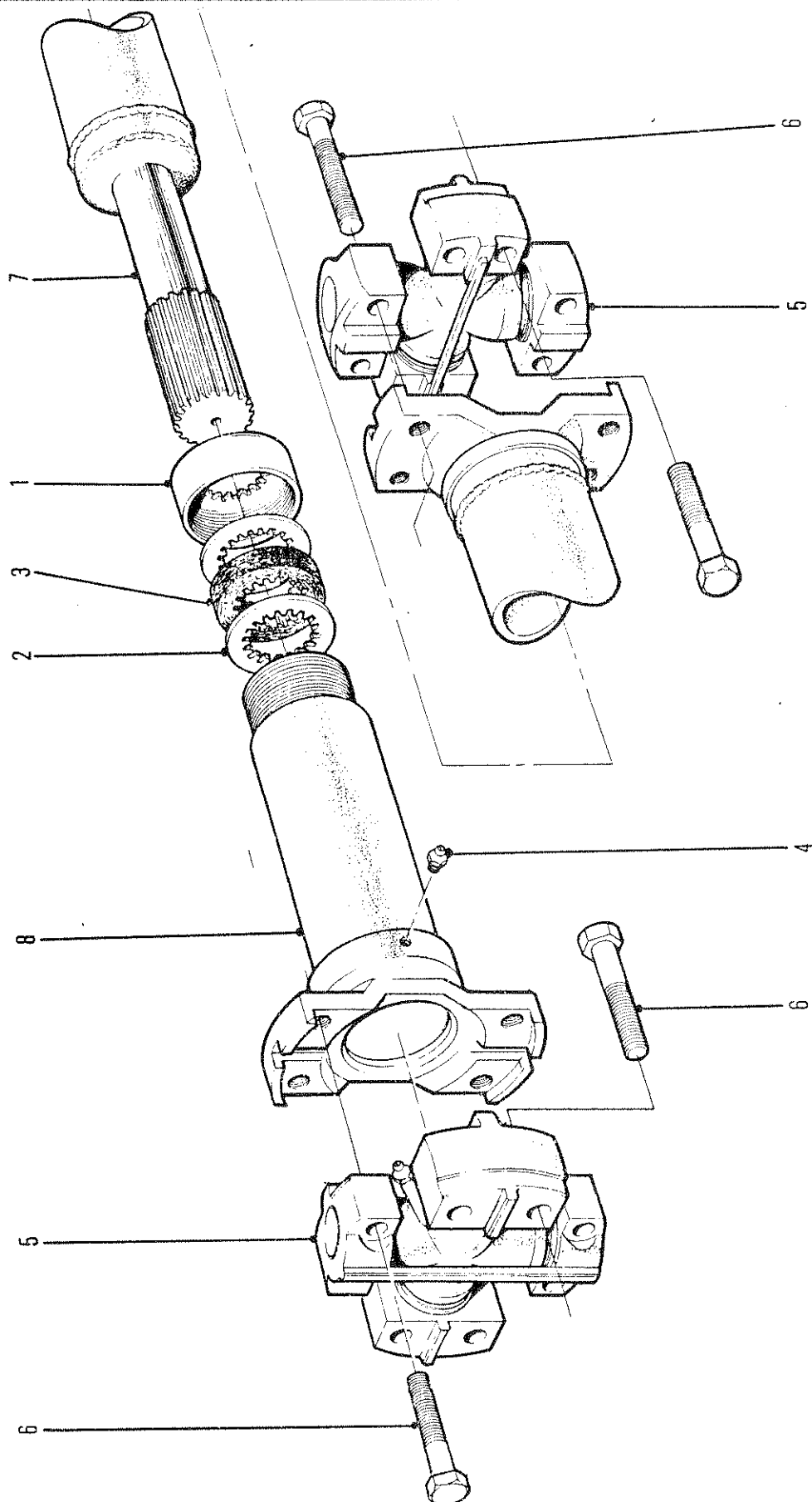
PROPELLER SHAFT ASSEMBLY TRANSMISSION/WINCH
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1911539	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1992254	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	18C000524	16	Bolt	boulon	Bolzen	parafuso	bulón
2	887737	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	940081	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	940653	2	Washer	rondelle	Scheibe	arruela	arandela
5	940654	1	Retainer	arrêtoir	Halterung	retenor	retén
6	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
7	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
8	1990111	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo

¹ Inc B, 1→8

² Inc 3→7

6275TP



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	1911538	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	940224	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	940091	2	Washer	rondelle	Scheibe	arruela	arandela
3	940092	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
5	944862	2	Spider assy	ens croisillon	Kreuzgefenk vollst	conj cruzeta	conj cruceta
6	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
7	1990114	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
8	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop

¹ Inc 1→8 No longer available. For service replacement, order 1935461 Propshaft Assembly.

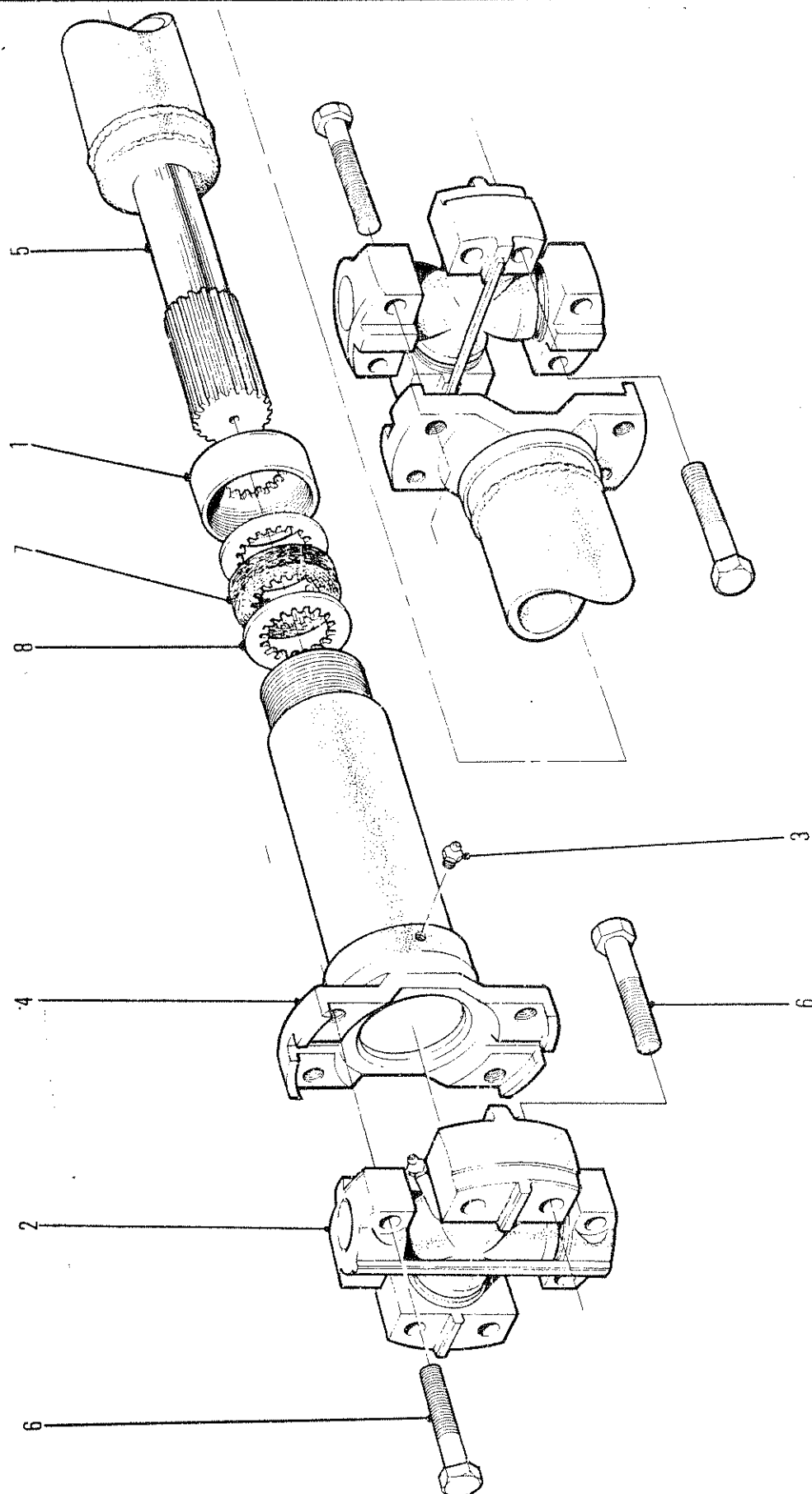
¹ Inc 1→8 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1935461.

¹ Inc 1→8 Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1935461.

¹ Inc 1→8 Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1935461.

¹ Inc 1→8 No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1935461.

² Inc 1→4,6&8



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 ² 1924487	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	4 ¹ 1991313	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940090	1	Retainer	arrêtoir	Halierung	retentor	retén
2	3944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
4	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
5	1991311	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
7	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	5299100	2	Washer	rondelle	Scheibe	arruela	arandela

¹ Used only on machines equipped with 1917296 - midmount assy.

¹ Utilisé uniquement sur machines équipées de 1917296 - ensemble montage au milieu

¹ Wird nur für Maschinen verwendet, die mit 1917296 - Mittelaufbau ausgerüstet sind.

¹ Utilizado apenas em máquinas equipadas com conjunto de montagem intermediária 1917296

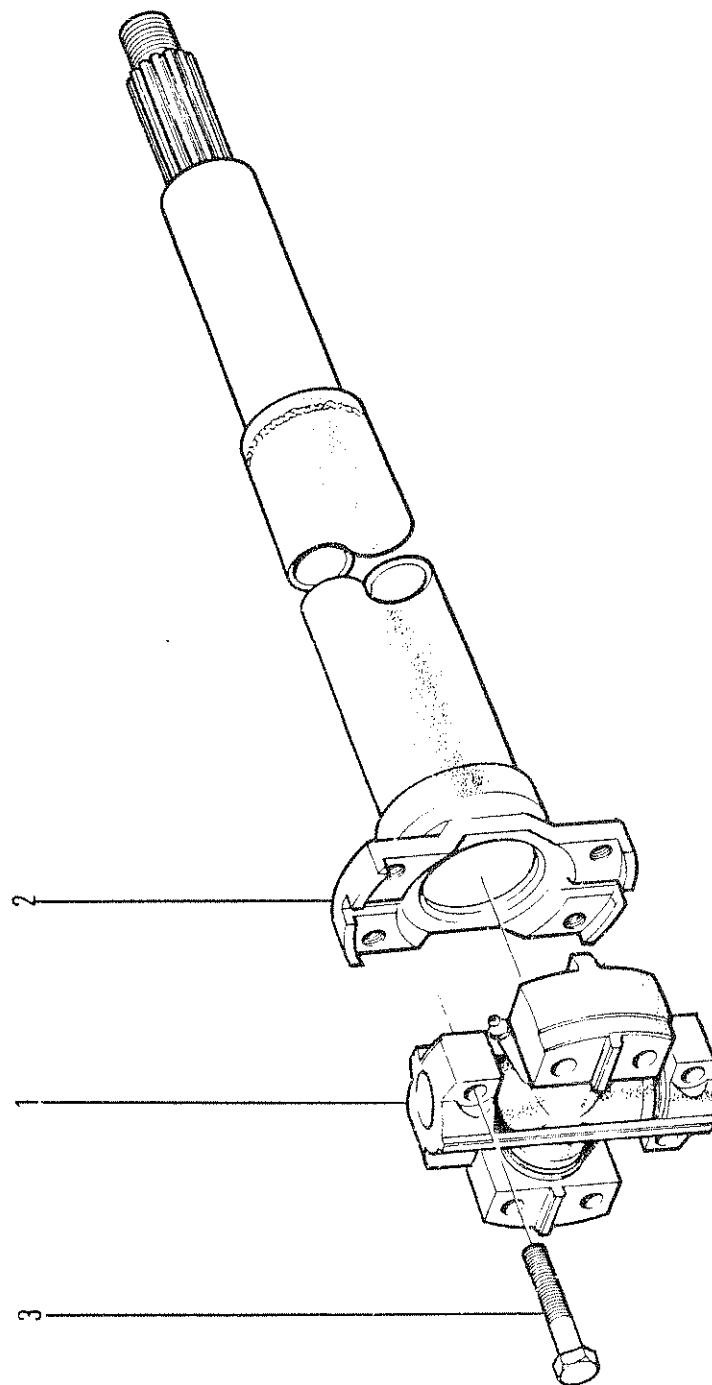
¹ Utilizado sólo en máquinas equipadas con 1917296 - conjunto de montaje intermedio

² Inc 1→8

³ Inc 3

⁴ Inc 1,7 & 8

6157

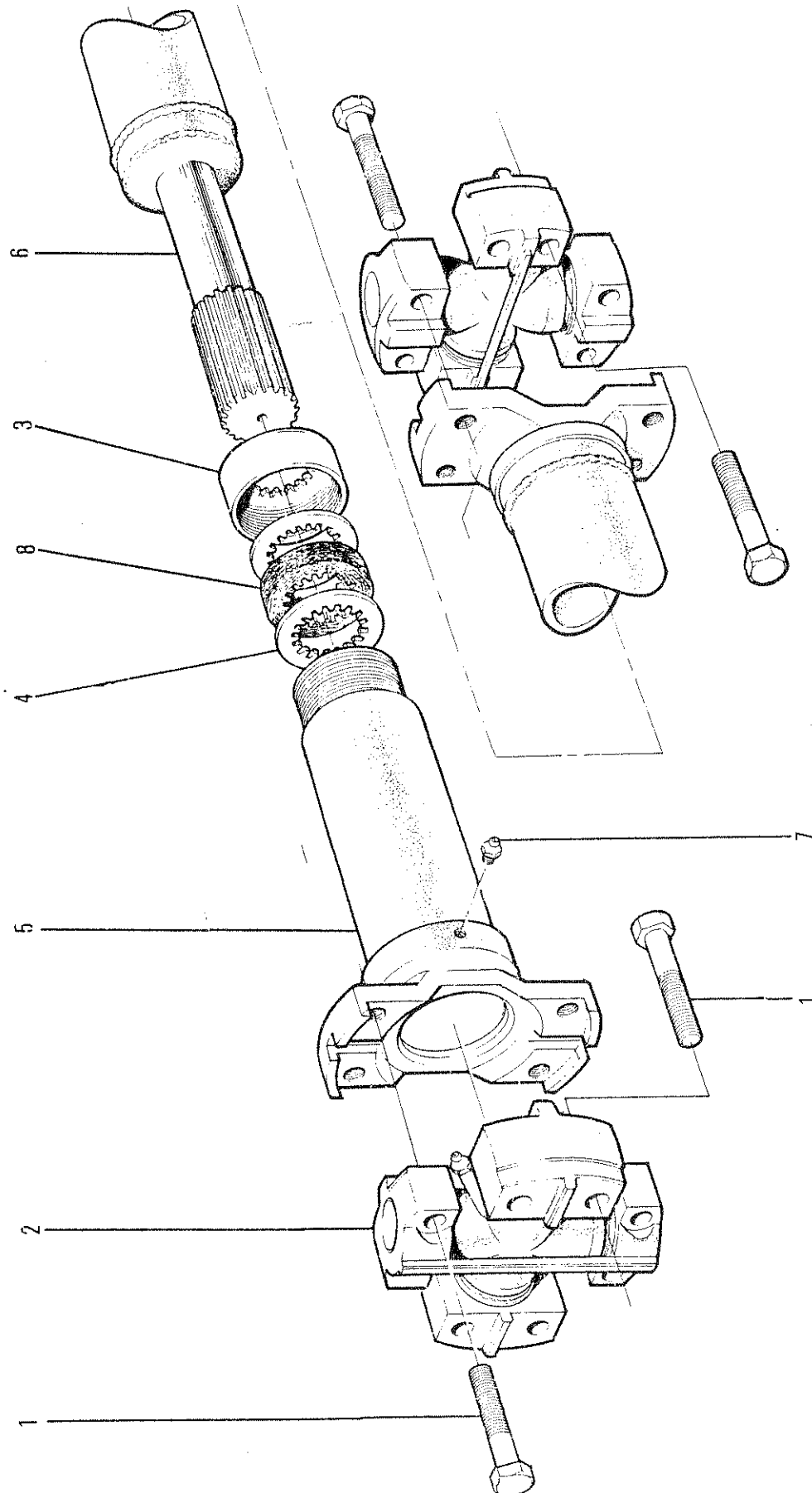


6287TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1911543	1	Propshaft	arbre de l'hélice	Propellerwelle	eixo de propulsão	eje propulsor
1	944862	1	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
2	1990104	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
3	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón

1 Inc 1 → 3



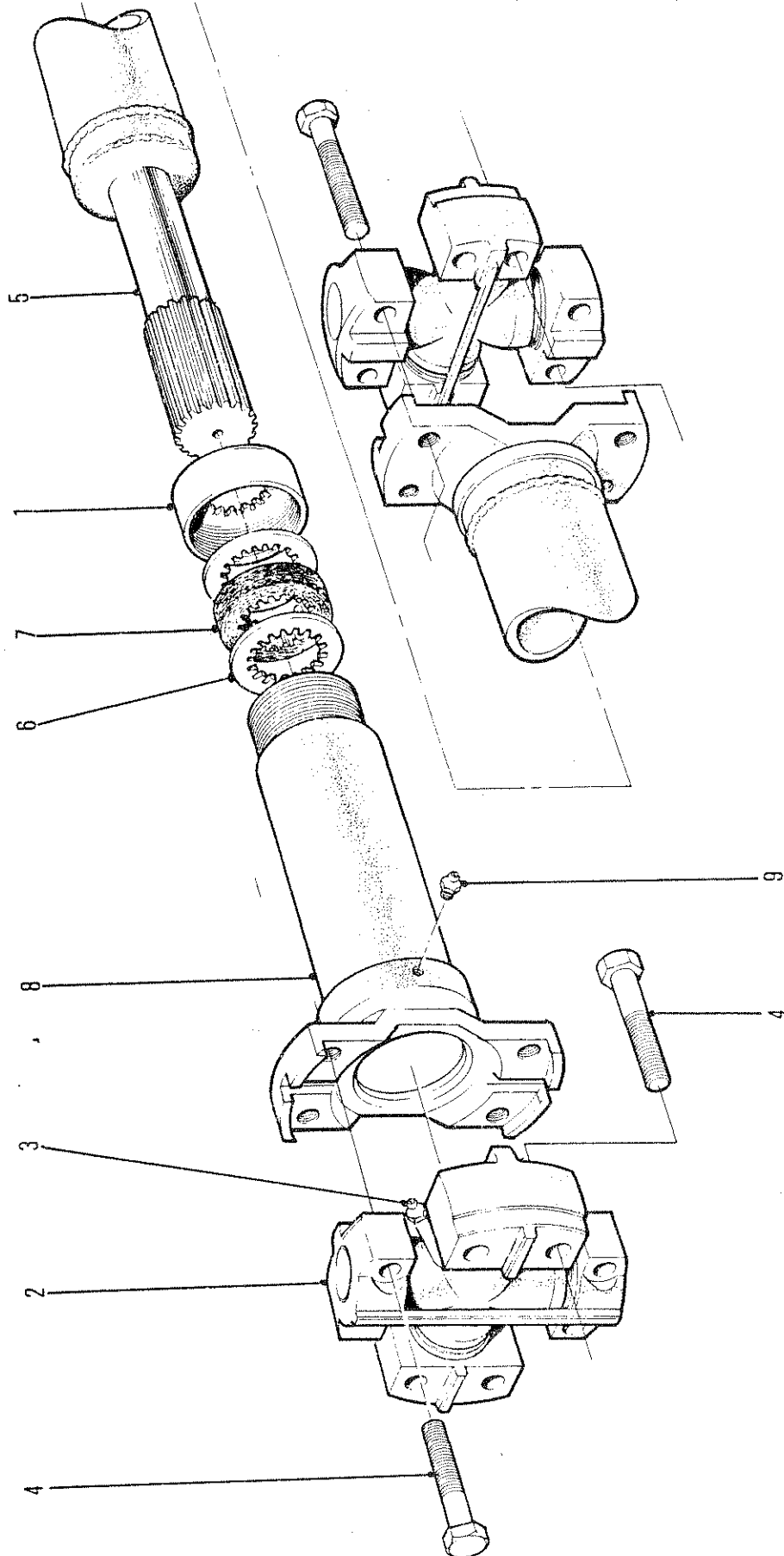
6288TP

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	1925428	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1991953	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	940090	1	Cap	chapeau	Kappe	tampa	tapa
4	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
5	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
6	1991951	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	10H000035	1	Fitting	ajustage	Verbindung	ajuste	accesorio
8	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Inc B, 1→8

² Inc 3→5 & 8



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

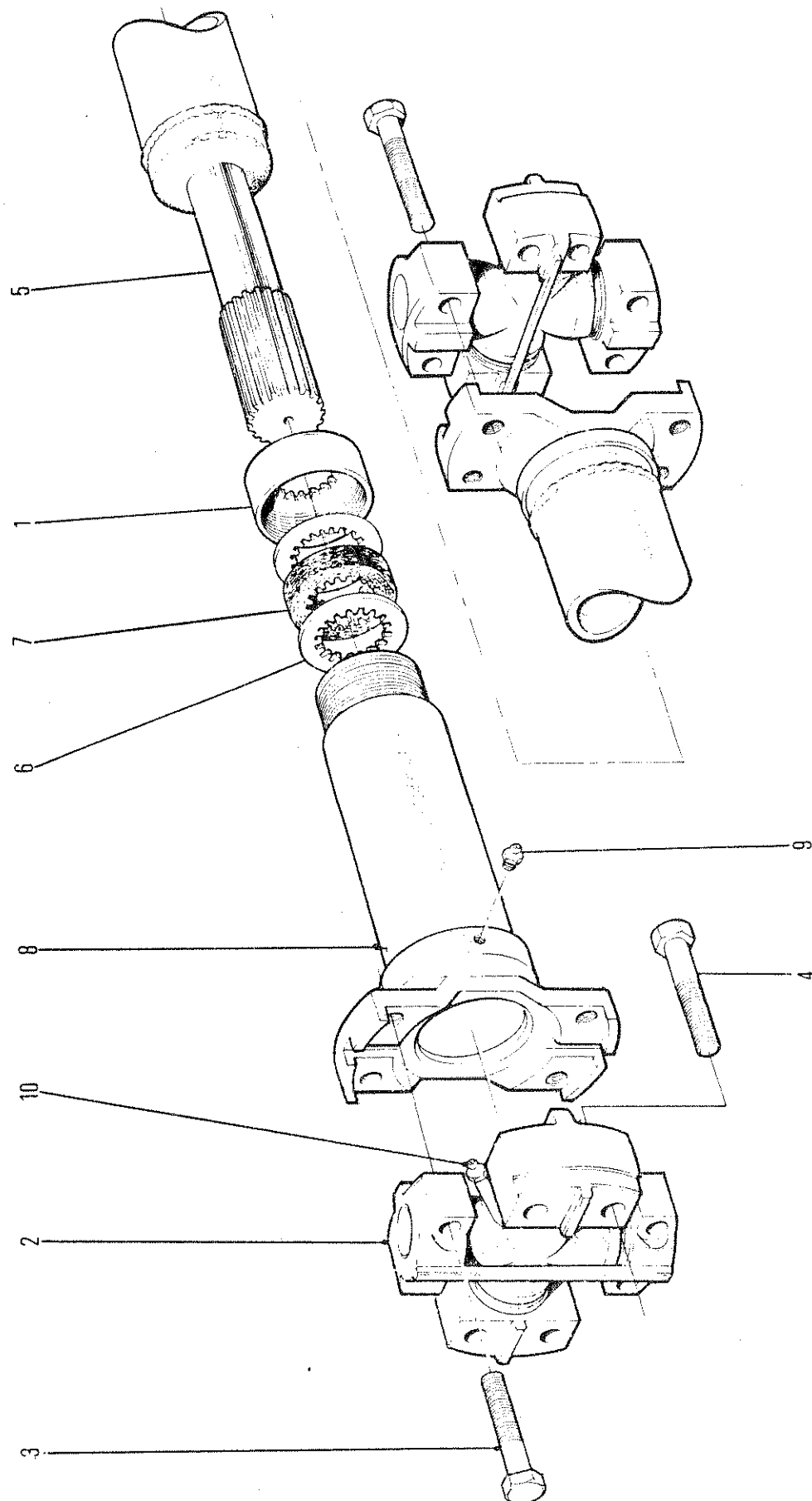
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1911528	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1992253	1	Slip yoke assy	ens chape coulissante	Gleitjoch vollst	cj bloco corredião	cj acople telescópico
1	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	10H000035	2	Fitting	ajustage	Verbindung	ajuste	accesorio
4	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
5	1990124	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	1990125	2	Washer	rondelle	Scheibe	arruela	arandela
7	1990126	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	§-----	1	Slip yoke	chape coulissante	Gleitkupplg	garfo corredião	acople telescópico
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio

1 Inc 1 → 9 No longer available. For service replacement, order 1935462 Propshaft Assembly.
 1 Inc 1 → 9 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1935462.
 1 Inc 1 → 9 Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1935462.
 1 Inc 1 → 9 Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1935462.
 1 Inc 1 → 9 No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1935462.

2 Inc 3

3 Inc 1 & 6 → 9

4 Services with kit 940224
 4 Réparer avec le jeu 940224
 4 Mit Kit Nr. 940224 warten
 4 Prestar manutenção com estojo No. 940224
 4 Mantener con estuche 940224



PROPELLER SHAFT ASSEMBLY, TRANSMISSION/PILLOW BLOCK
ARBRE D'ENTRAÎNEMENT, TRANSMISSION/PALIER
GELENKWELLE VOLLSTÄNDIG, GETRIEBE/LAGERBOCK
EIXO PROPULSOR, TRANSMISSÃO/CHUMACEIRA
ARBOL PROPULSOR, TRANSMISIÓN/DESCANSO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1911528	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	³ 1992253	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	⁴ 940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	² 944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
4	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
5	1990124	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	1990125	2	Washer	rondelle	Scheibe	arruela	arandela
7	1990126	1	Washer	rondelle	Scheibe	arruela	arandela
8	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
9	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	10H000035	2	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc 1→10 No longer available. For service replacement, order 1935462 Propshaft Assembly.

¹ Inc 1→10 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1935462.

¹ Inc 1→10 Nicht mehr erhältlich. Zum Ersatz bestelle man die Antriebswelle 1935462.

¹ Inc 1→10 Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 1935462.

¹ Inc 1→10 No se produce más. Para el servicio de reemplazo, ordene de árbol propulsor 1935462.

² Inc 10

³ Inc 1 & 6→9

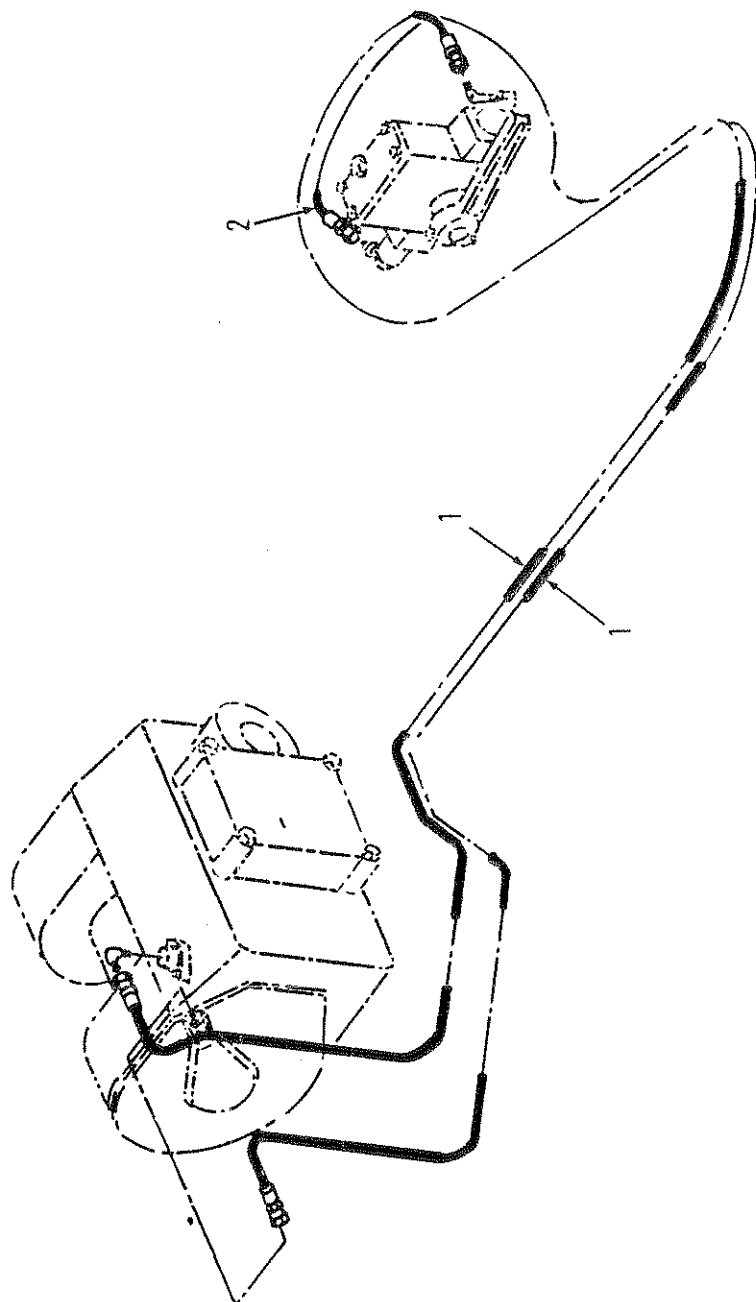
⁴ Services with kit 940224

⁴ Réparer avec le jeu 940224

⁴ Mit Kit Nr. 940224 warten

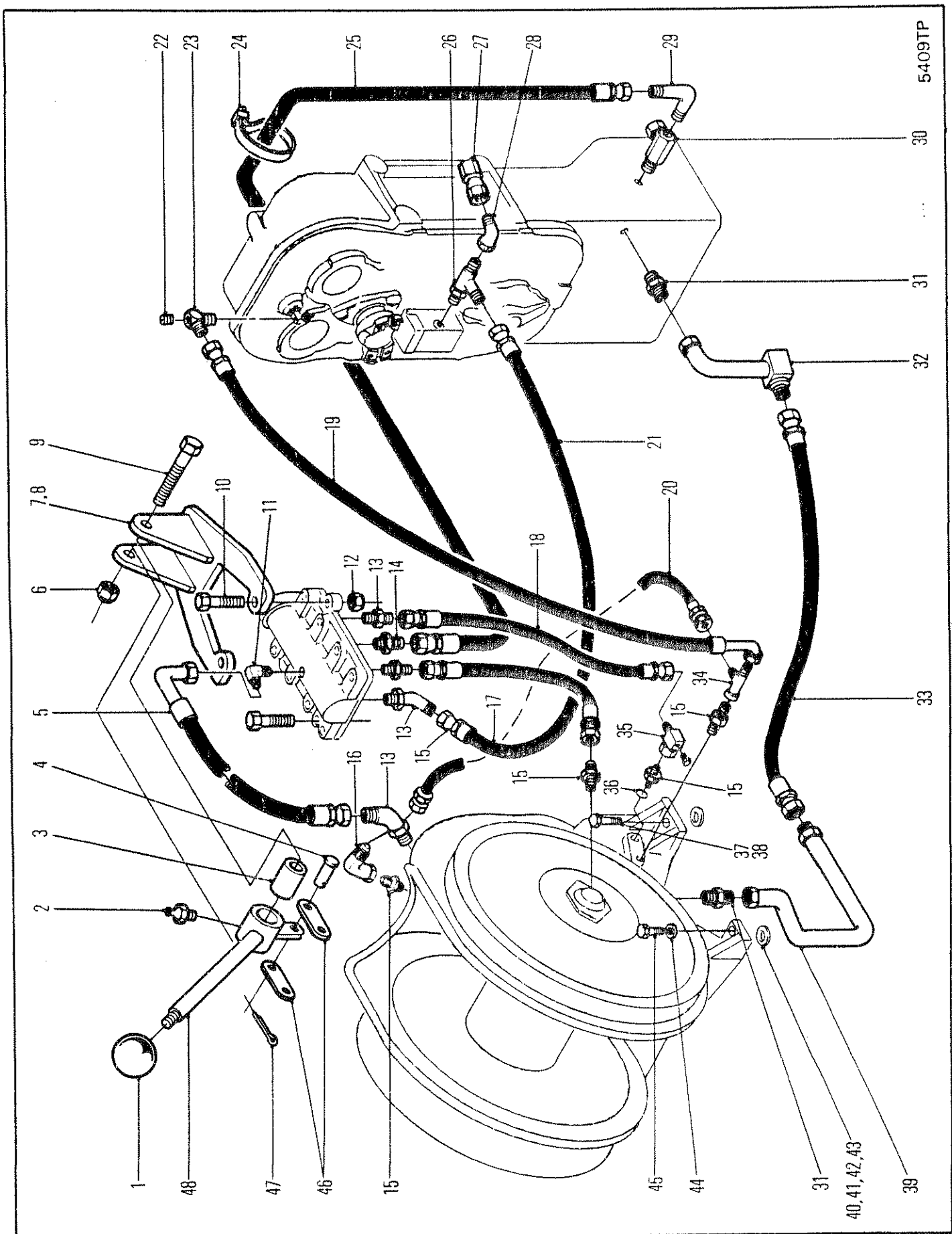
⁴ Prestar manutenção com estojo No. 940224

⁴ Mantener con estuche 940224



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	1902052	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	83F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo

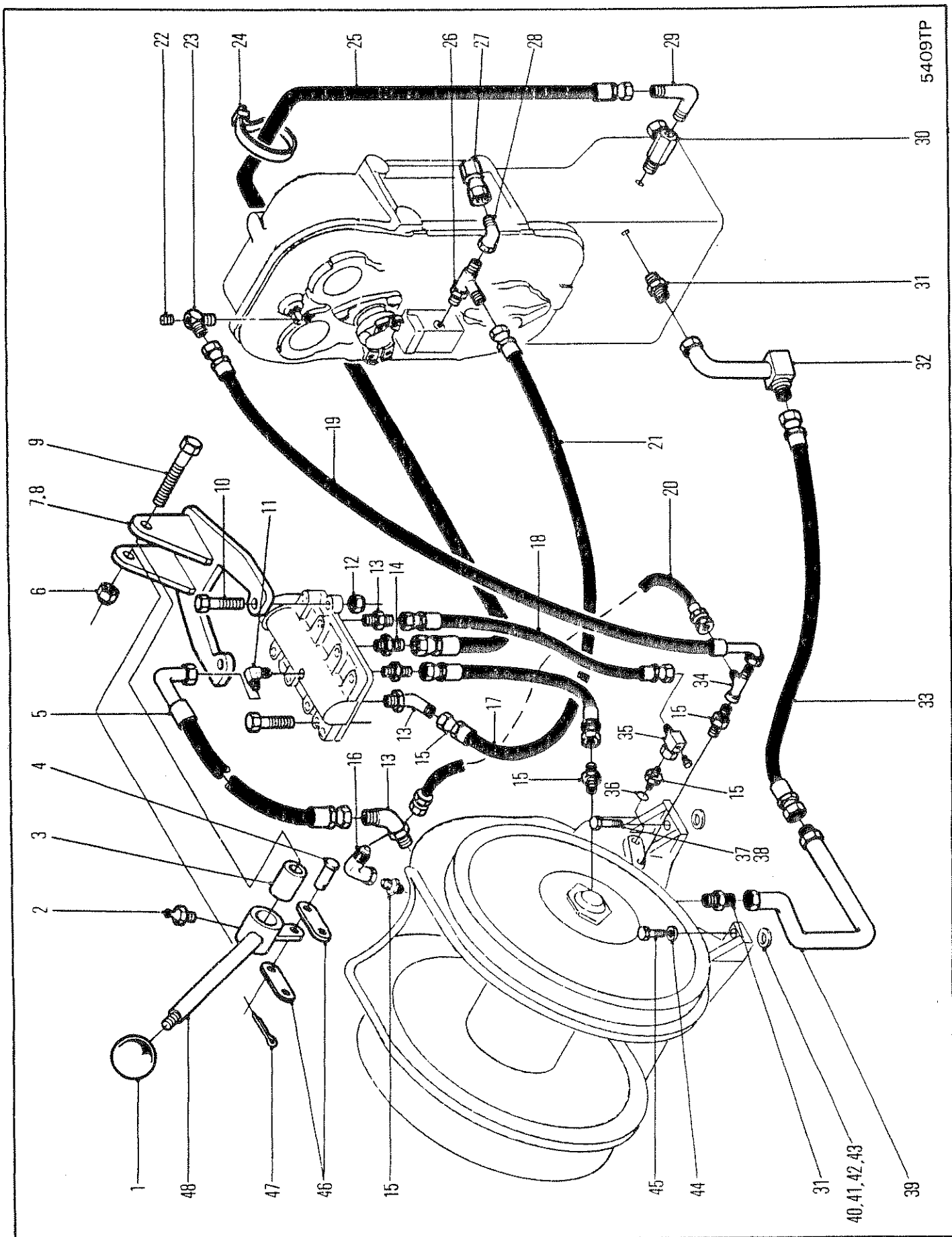


5409TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manípula	botón
2	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
3	1902755	1	Sleeve	manchon	Muffe	luva	manguito
4	894831	2	Pin	goupille	Stift	pino	pasador
5	1904810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	17D000006	1	Nut	écrou	Mutter	porca	tuerca
7	1902750	1	Bracket	support	Winkel	grampo	grampa
8	1919951	1	Bracket	support	Winkel	grampo	grampa
9	17C000628	1	Bolt	boulon	Bolzen	parafuso	bulón
10	17C000636	2	Bolt	boulon	Bolzen	parafuso	bulón
11	83F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	17D000003	3	Nut	écrou	Mutter	porca	tuerca
13	18K000005	4	Fitting	ajustage	Verbindung	ajuste	accesorio
14	89F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
15	15K000005	4	Fitting	ajustage	Verbindung	ajuste	accesorio
16	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	1905117	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1904807	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1906369	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1905864	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	2750296	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	40K000007	1	Plug	bouchon	Stopfen	bujão	tapón
23	793742	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	1539058	1	Tie strap	bande dattache	Befestigungsband	cinta de ligação	banda de atadura
25	1916969	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
26	21K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
27	1542360	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
28	12K000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
29	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
30	716464	1	Fitting	ajustage	Verbindung	ajuste	accesorio
31	89F000010	2	Elbow	coude	Winkelrohr	cotovêlo	codo
32	1906286	1	Frame	châssis	Fahrgestell	chassi	bastidor
33	1906370	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	113K000005	1	Tee	raccord T	T-Verbindungsstück	te	te
35	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
36	91F000005	1	O-ring	joint torique	O Ring	anel-O	anillo-O
37	17C002044	2	Bolt	boulon	Bolzen	parafuso	bulón
38	17C002040	2	Bolt	boulon	Bolzen	parafuso	bulón
39	1906387	1	Tube	tube	Rohr	tubo	tubo
40	27E000016	-	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
41	1928246	-	Shim .0179	cale 0,45MM	Beilage 0,45MM	calço 0,45MM	planchita 0,45MM
42	1928247	-	Shim .0478	cale 1,21MM	Beilage 1,21MM	calço 1,21MM	planchita 1,21MM
43	1928248	-	Shim .0299	cale 0,76MM	Beilage 0,76MM	calço 0,76MM	planchita 0,76MM
44	1503564	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
45	17C002048	2	Bolt	boulon	Bolzen	parafuso	bulón

1 DW-311-1

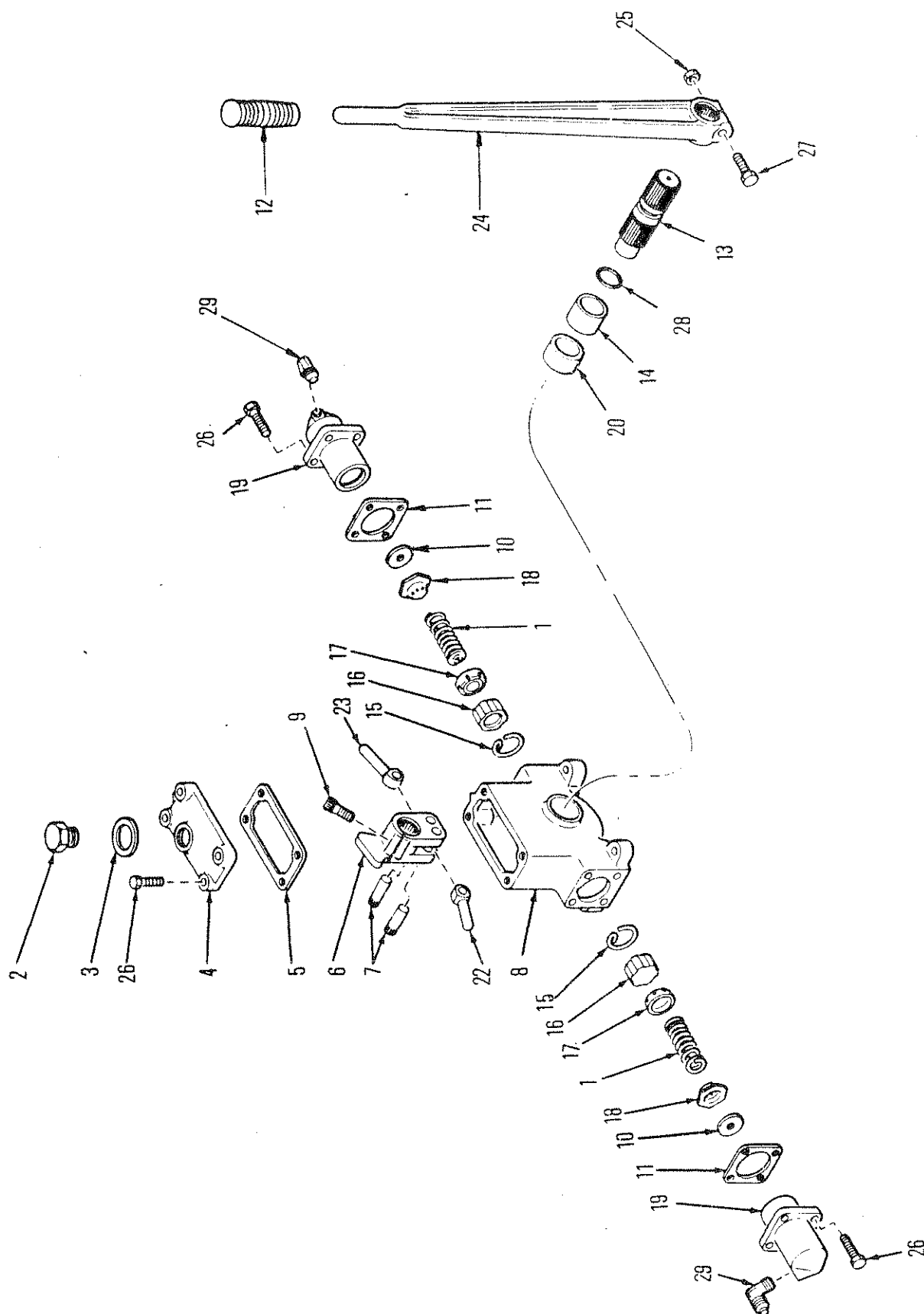


5409TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	1902756	2	Link	articulation	Gelenk	articulação	articulación
47	1F0000316	2	Pin,cotter	goupille fendue	Splint	contrapino	chaveta dos patas
48	1905159	1	Lever	levier	Hebel	alavanca	palanca
49	†1905685	1	Hose guide	guide de tuyau souple	Schlauchführung	guia de mangueira	guia de manguera
50	†17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
51	†675227	1	Bearing	palier	Lager	mancal	cojinete

† □W-311-1



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990147	2	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
B	1990402	1	Master control	command principal	Hauptkontr Einh	contr mestre	contr maestro
1	1991923	2	Spring	ressort	Feder	mola	resorte
2	1990137	1	Filler cap	bouchon de remplis	Fülldeckel	tampa de abastesc	tapa de llenadao
3	1990138	1	Washer	rondelle	Scheibe	arruela	arandela
4	1990139	1	Cover	couvercle	Deckel	tampa	tapa
5	1990140	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	1990141	1	Rocker arm	culbuteur	Schwingarm	braço do balancim	brazo de balancin
7	1990142	2	Pin	goupille	Stift	pino	pasador
8	1990144	1	Housing	botier	Gehuse	carcaça	carcasa
9	1990145	1	Bolt	boulon	Bolzen	parafuso	bulón
10	3§-----	2	Washer	rondelle	Scheibe	arruela	arandela
11	1990148	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	1990149	1	Grip	poignée	Griff	punho	mango
13	1990152	1	Shaft	arbre	Welle	ávore	árbol
14	1990154	1	Bushing	chemise	Buchse	bucha	buje
15	1990197	2	Lock ring	anneau blocage	Klemmring	anel trava	anillo seguridad
16	1990198	2	Piston	piston	Kolben	pistão	pistón
17	1990199	2	Cup	cuvette	Schale	capa	cubeta
18	21990200	2	Valve	soupape	Ventil	válvula	válvula
19	1990201	2	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
20	1990257	1	Bushing	chemise	Buchse	bucha	buje
21	41991920	2	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
22	1990403	1	Pushrod	tige de pousee	Stosser	tirante de empuxe	barra de empuje
23	1990404	1	Pushrod	tige de pousee	Stosser	tirante de empuxe	barra de empuje
24	1991028	1	Handle	manette	Handgriff	punho	manija
25	2D0000006	1	Nut	écrou	Mutter	porca	tuerca
26	17C000514	12	Bolt	boulon	Bolzen	parafuso	bulón
27	18C000628	1	Bolt	boulon	Bolzen	parafuso	bulón
28	25K040024	1	O-ring	joint torique	O Ring	anel-O	anillo-O
29	83F000003	2	Elbow	coude	Winkelrohr	cotovêlo	codo
30	3§-----	2	Washer	rondelle	Scheibe	arruela	arandela
31	41991920	2	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación

¹ Inc 1, 10, 15 → 19

² Inc 10

³ See 18

³ Voir 18

³ Siehe 18

³ Veja 18

³ Véase 18

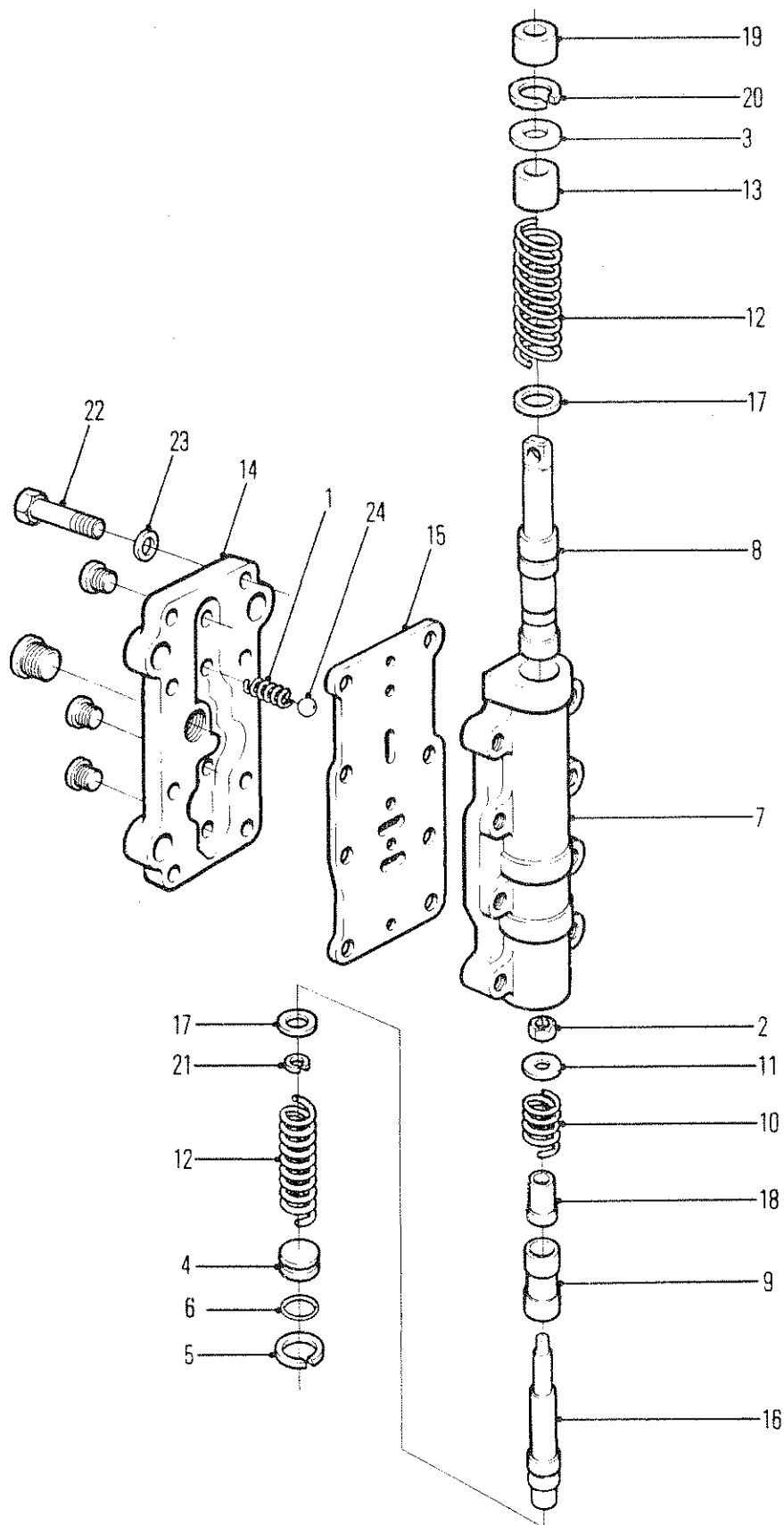
⁴ Inc 1, 11 & 15 → 18 and one (1) capsule of 1991922 Lubricating Fluid

⁴ Y compris 1, 11 & 15 → 18 et (1) bouchon de fluid lubrifiant 1991922

⁴ Einschliesslich 1, 11 & 15 → 18 sowie (1) Kapsel Schmierflüssigkeit 1991922

⁴ Inclusive 1, 11 & 15 → 18 e (1) cápsula de 1991922 Fluido lubrificante

⁴ Incluir 1, 11 & 15 → 18 y (1) cápsula de fluido lubricante 1991922

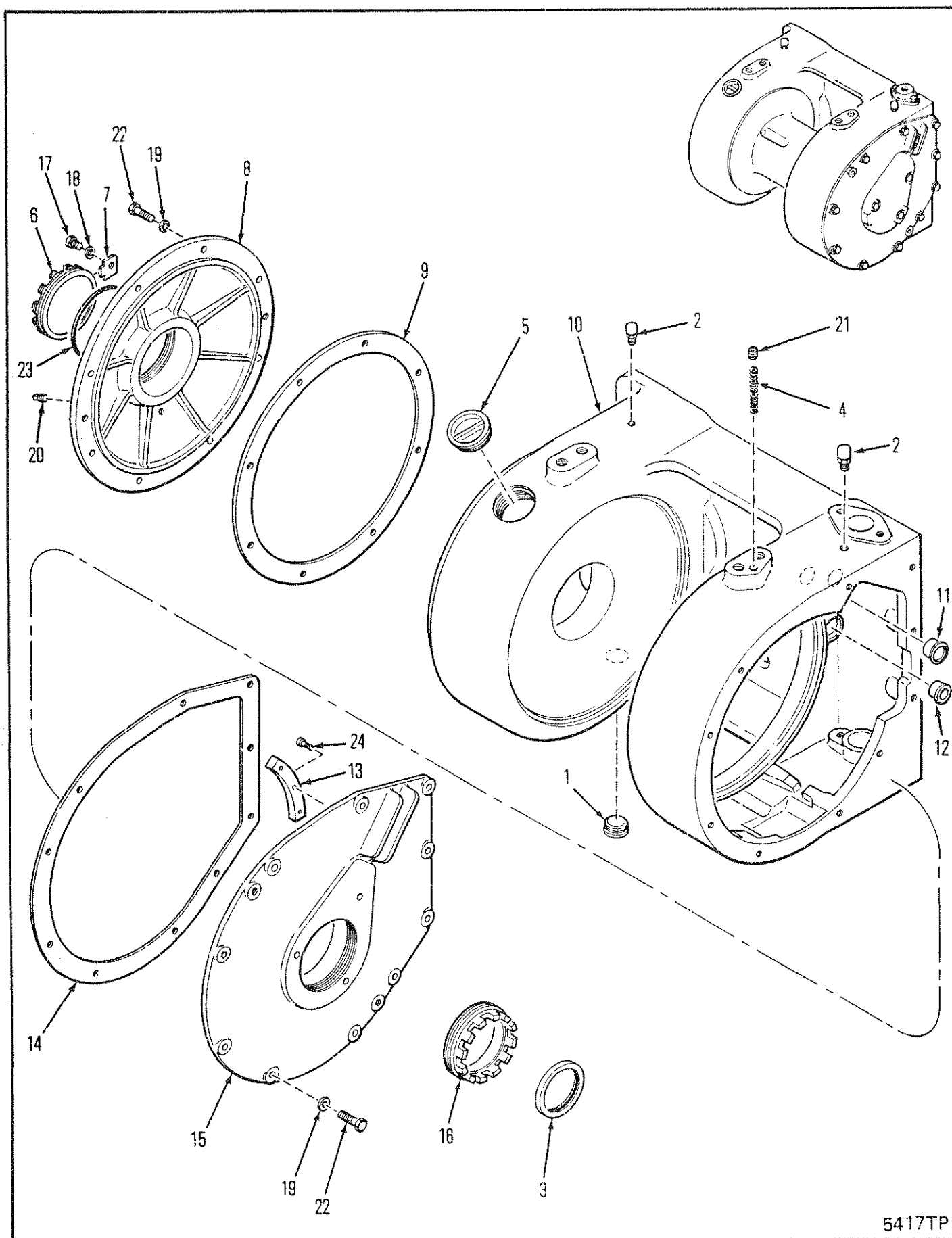


5415JP

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	Spulventil	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

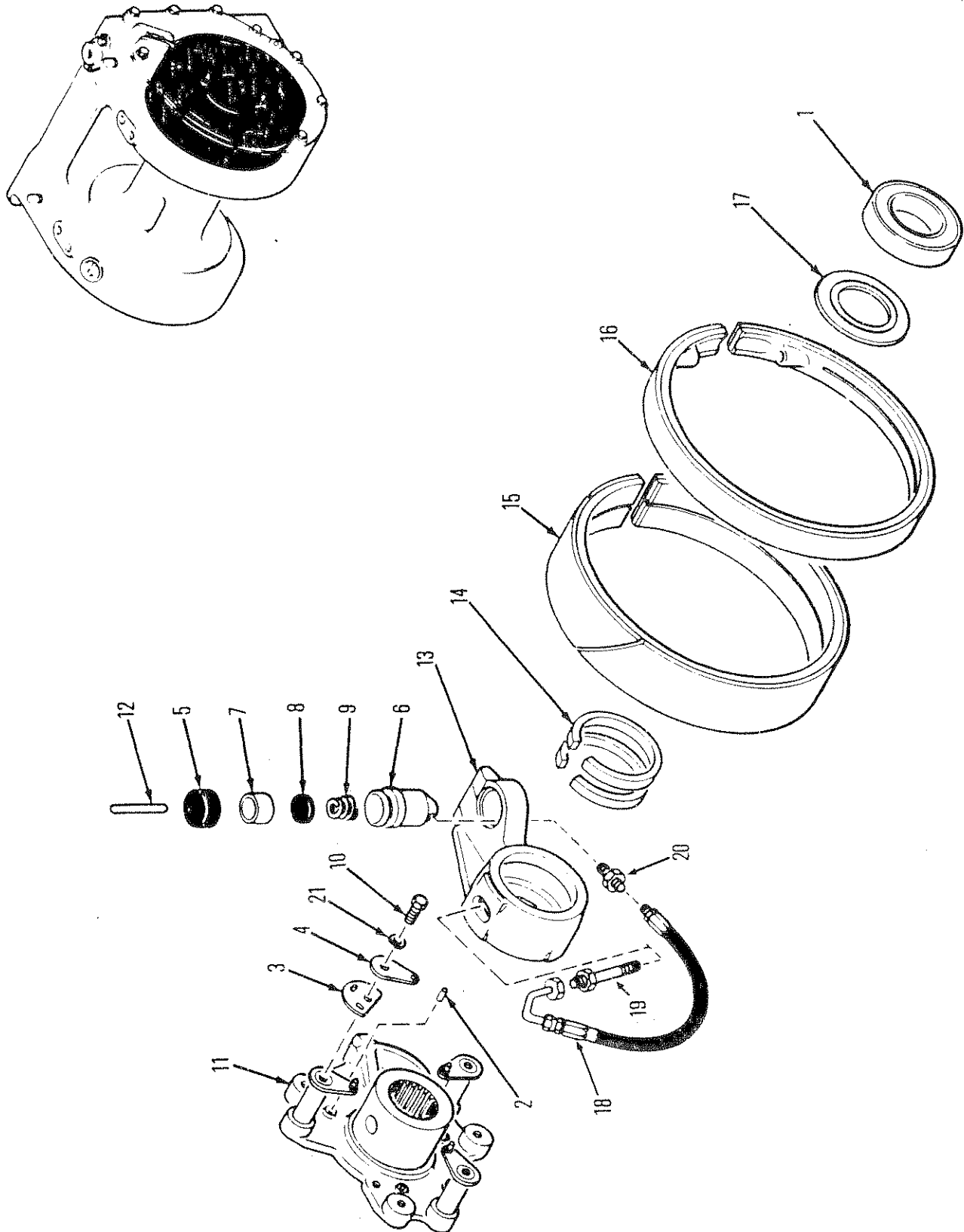
1 Inc 1→24



5417TP

WINCH HOUSING ASSEMBLY-GEARMATIC-9
ENSEMBLE D'ENCASTREMENT DU TREUIL-GEARMATIC-9
WINDENGELHÄUSE-BAUGRUPPE-GEARMATIC-9
CONJUNTO CARAÇA DO GUINCHO-GEARMATIC-9
CONJUNTO ENVOLTURA DEL GUINCHE-GEARMATIC-9

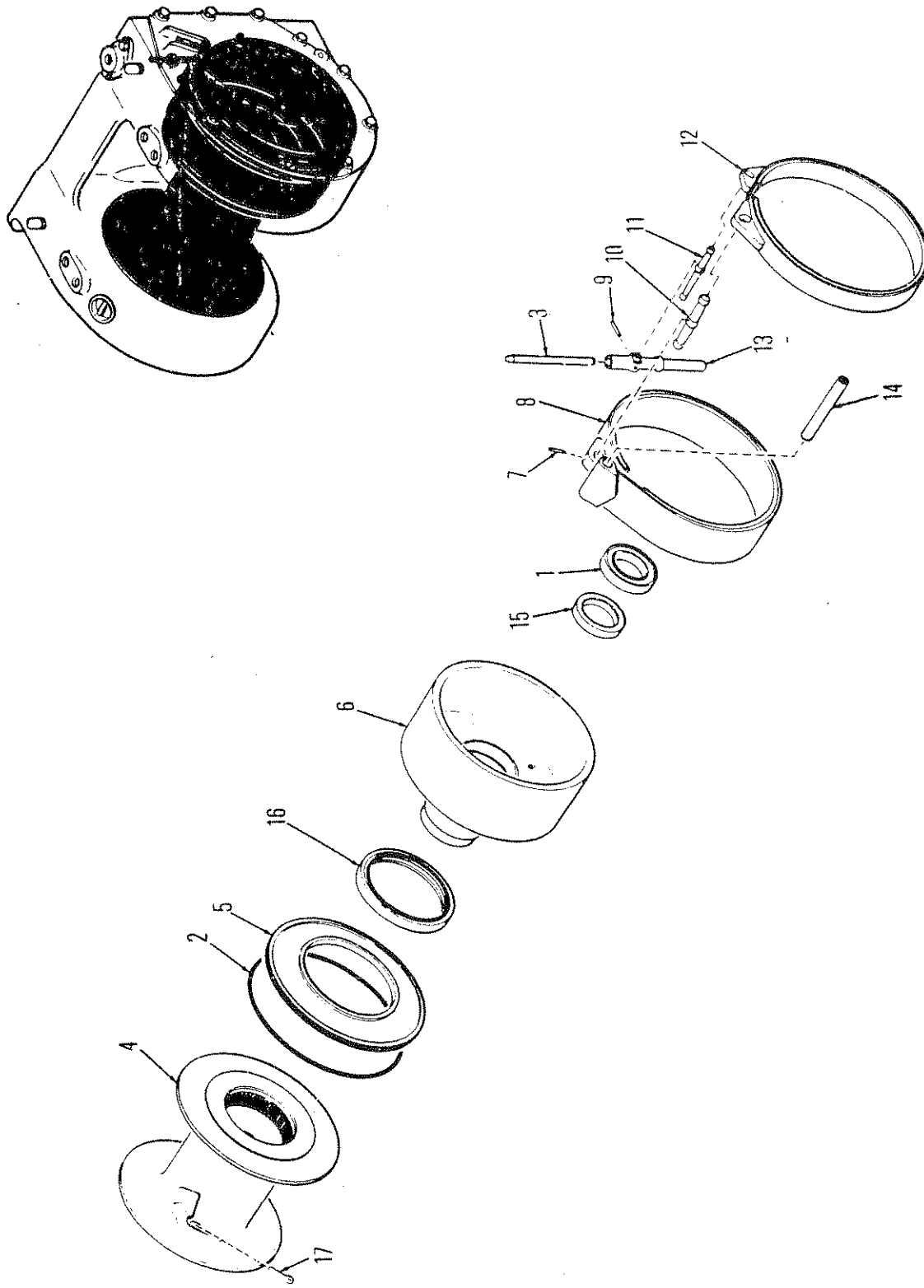
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1990061	1	Plug	bouchon	Stopfen	bujão	tapón
2	1990081	2	Vent	prise dair	5mXöffnung	respiradouro	aireador
3	1990161	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	1990232	1	Spring	ressort	Feder	mola	resorte
5	1990255	1	Plug	bouchon	Stopfen	bujão	tapón
6	1990281	1	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presió
7	1990291	1	Lock	serrure	Schloss	fechadura	cerradura
8	1990314	1	Cover	couvercle	Deckel	tampa	tapa
9	1990315	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
10	1990316	1	Housing	botier	Gehuse	carcaça	carcasa
11	1990317	1	Plug	bouchon	Stopfen	bujão	tapón
12	1990318	1	Plug	bouchon	Stopfen	bujão	tapón
13	1990319	1	Ring	anneau	Ring	anel	anillo
14	1990322	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
15	1990323	1	Cover	couvercle	Deckel	tampa	tapa
16	1990324	1	Nut	écrou	Mutter	porca	tuerca
17	1C0000508	1	Bolt	boulon	Bolzen	parafuso	bulón
18	4E0000005	1	Washer	rondelle	Scheibe	arruela	arandela
19	4E0000006	18	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	13F000004	1	Plug	bouchon	Stopfen	bujão	tapón
21	15G000707	1	Set screw	vis à pointe	Gewindestift	parafuso fixador	tornillo reten
22	17C000616	18	Bolt	boulon	Bolzen	parafuso	bulón
23	25K040312	1	Cap	chapeau	Kappe	tampa	tapa
24	73G000512	3	Bolt	boulon	Bolzen	parafuso	bulón



WINCH CLUTCH ASSEMBLY-GEARMATIC-9
ENSEMBLE D'EMBRAYAGE DU TREUIL-GEARMATIC-9
WINDENKUPPLUNGSBAUGRUPPE-GEARMATIC-9
CONJUNTO EMBREAGEM DO GUINCHO-GEARMATIC-9
CONJUNTO EMBRAGUE DEL GUINCHE-GEARMATIC-9

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990133	1	Cylinder assy	ens cylindre	Zylinder vollst	cilindro conj	cilindro conj
1	302713	1	Bearing	palier	Lager	mancal	cojinete
2	1990028	3	Pin	goupille	Stift	pino	pasador
3	1990035	6	Cam	came	Nocke	came	leva
4	1990036	6	Lock plate	plaque darrêt	Schlossblech	chapa retentora	chapa seguridad
5	1990064	1	Boot	capuchon	Kappe	capuz	capuchón
6	1990065	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
7	1990066	1	Piston	piston	Kolben	pistão	pistón
8	1990067	1	U-Cup	couvercle-U	U-Schale	acopl-U	taza-U
9	1990068	1	Spring	ressort	Feder	moia	resorte
10	17C000616	6	Bolt	boulon	Bolzen	parafuso	bulón
11	1990344	1	Hub	moyeu	Nabe	cubo	cubo
12	1990345	1	Push rod	tige de pousee	Stosser	tirante de empuxe	barra de empuje
13	1990346	1	Lever	levier	Hebel	alavanca	palanca
14	1990347	2	Seal	joint étanchéité	Dichtung	vedador	sello
15	1990348	1	Band	bande	Band	banda	banda
16	1990349	1	Band	bande	Band	banda	banda
17	1990350	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
18	1990470	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1990471	1	Fitting	ajustage	Verbindung	ajuste	accesorio
20	1990472	1	Fitting	ajustage	Verbindung	ajuste	accesorio
21	4E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

* Inc 5→9



WINCH CABLE DRUM & BRAKE BANDS-GEARMATIC-9
TAMBOUR DE CÂBLE ET BANDE DE FREIN DU TREUIL-GEARMATIC-9
SEILTROMMEL DER WINDE UND BREMSBÄNDER-GEARMATIC-9
TAMBOR DE CABOS E CINTA DE FREIO DO GUINCHO-GEARMATIC-9
GUINCHOE - TAMBOR DE CABLES Y BANDA DE FRENOS-GEARMATIC-9

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	774167	1	Bearing	palier	Lager	mancal	cojinete
2	791431	1	O-ring	joint torique	O Ring	anel-O	anillo-O
3	1990080	1	Push rod	tige de pousee	Stosser	lirante de empuxe	barra de empuje
4	1990331	1	Drum	tambour	Trommel	tambor	tambor
5	1990332	1	Housing	botier	Gehuse	carcaça	carcasa
6	1990333	1	Drum	tambour	Trommel	tambor	tambor
7	1990334	1	Pin	goupille	Stift	pino	pasador
8	1990335	1	Band	bande	Band	banda	banda
9	1990336	1	Pin	goupille	Stift	pino	pasador
10	1990337	1	Lever	levier	Hebel	alavanca	palanca
11	1990338	1	Lever	levier	Hebel	alavanca	palanca
12	1990339	1	Band	bande	Band	banda	banda
13	1990340	1	Block	bloc	Block	bloco	bloque
14	1990341	1	Pin	goupille	Stift	pino	pasador
15	1990380	1	Seal	joint étanchéité	Dichtung	vedador	sello
16	1990381	1	Seal	joint étanchéité	Dichtung	vedador	sello
17	1F0000436	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos



WINCH BRAKE CYLINDER ASSEMBLY-GEARMATIC-9
ENSEMBLE DE CYLINDRE À FREIN DU TREUIL-GEARMATIC-9
BREMSZYLINDER-BAUGRUPPE DER WINDE-GEARMATIC-9
CONJUNTO CILINDRO DE FREIO DO GUINCHO-GEARMATIC-9
GUINCHE - CONJUNTO CILINDRO DE FRENO-GEARMATIC-9

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990096	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	1990068	1	Spring	ressort	Feder	mola	resorte
2	1990073	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
3	1990074	1	Brake	frein	Bremse	freio	freno
4	1990076	1	U-Cup	couvercle-U	U-Schale	acopl-U	taza-U
5	1990077	1	Piston	piston	Kolben	pistão	pistón
6	1990078	1	Spring	ressort	Feder	mola	resorte
7	1990079	1	Piston	piston	Kolben	pistão	pistón
8	1990082	1	Boot	capuchon	Kappe	capuz	capuchón
9	1990087	1	Spring	ressort	Feder	mola	resorte
10	1990088	1	Cap	chapeau	Kappe	tampa	tapa
11	³ S-----	1	Tube	tube	Rohr	tubo	tubo
12	² 1990325	1	Tube	tube	Rohr	tubo	tubo
13	1990328	1	Tube	tube	Rohr	tubo	tubo
14	1990329	1	Cap	chapeau	Kappe	tampa	tapa
15	1990392	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
16	1C0000524	3	Bolt	boulon	Bolzen	parafuso	bulón
17	1C0000748	2	Bolt	boulon	Bolzen	parafuso	bulón
18	4E0000006	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	4E0000007	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	13F000002	1	Plug	bouchon	Stopfen	bujão	tapón
21	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
22	40F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	42F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
24	³ S-----	2	Nut	écrou	Mutter	porca	tuerca
25	³ S-----	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable

¹ Inc 1, 3 & 4 → 8

² Inc 24 & 25

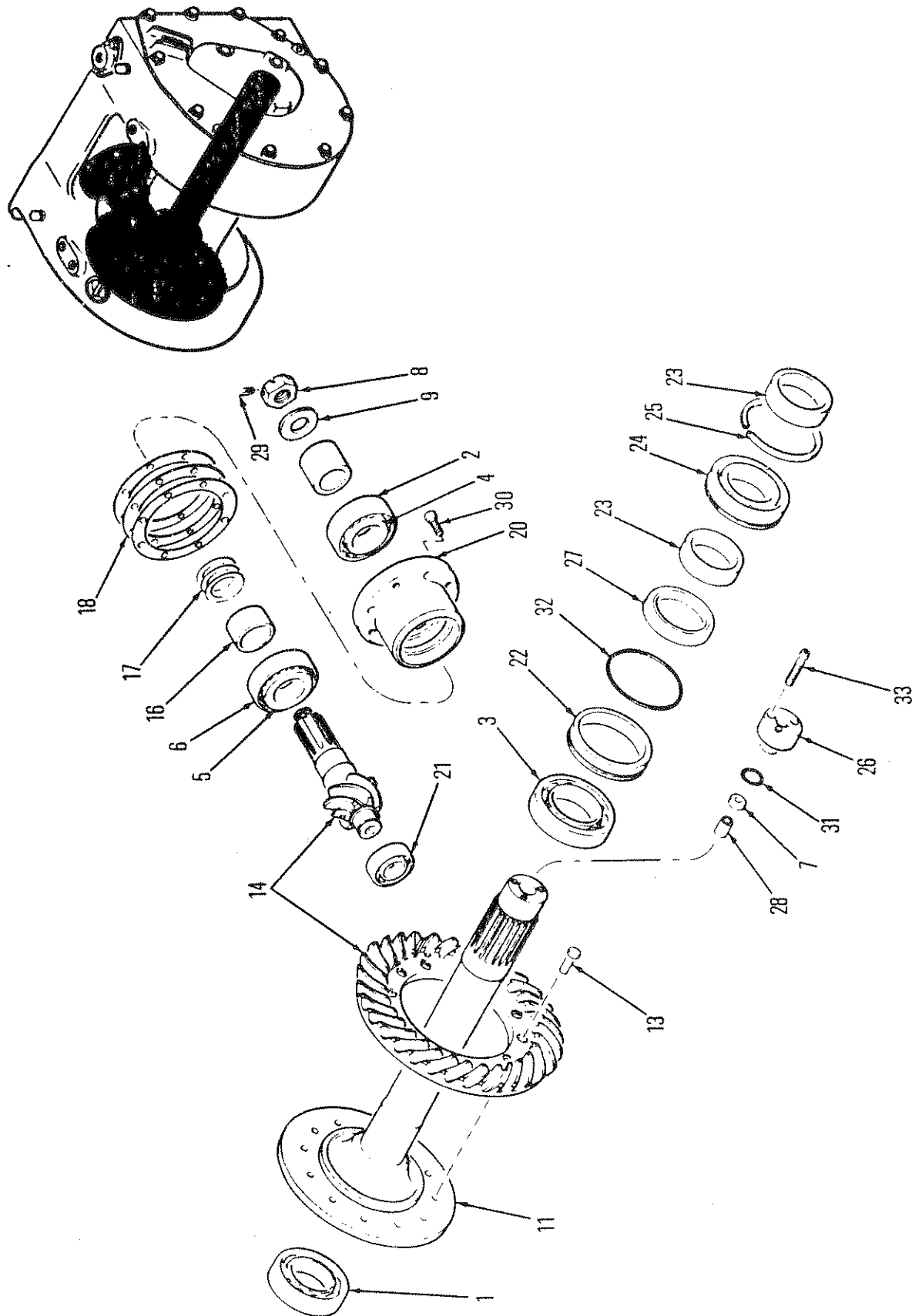
³ See 12

³ Voir 12

³ Siehe 12

³ Veja 12

³ Véase 12



WINCH RING GEAR AND PINION ASSEMBLY-GEARMATIC-9

ENSEMBLE D'ENGRENAGE DE LA COURONNE DU TREUIL ET DE PIGNON DU TREUIL-GEARMATIC-9

ZAHNDRANZ UND RITZEL DER WINDE-GEARMATIC-9

CONJUNTO CORÇA E PINHÃO DO GUINCHO-GEARMATIC-9

GUINCHE-CONJUNTO CORONA Y PIÑÓN-GEARMATIC-9

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302712	1	Bearing	palier	Lager	mancal	cojinete
2	654150	1	Cup	cuvette	Schale	capa	cubeta
3	713998	1	Bearing	palier	Lager	mancal	cojinete
4	731249	1	Cone	cône	Kegel	cone	cono
5	731326	1	Cone	cône	Kegel	cone	cono
6	873200	1	Cup	cuvette	Schale	capa	cubeta
7	1990044	1	U-Seal	joint en-U	Dichtung-U	vedador-U	sello en-U
8	1990159	1	Nut	écrou	Mutter	porca	tuerca
9	1990160	1	Washer	rondelle	Scheibe	arruela	arandela
10	1990352	1	Pinion	pignon	Ritzel	pinhão	pion
11	1990353	1	Shaft	arbre	Welle	ávore	árbol
12	1990354	1	Pinion	pignon	Ritzel	pinhão	pion
13	1990355	16	Rivet	rivet	Niet	rebite	remache
14	1990356	1	Ring pinion	bague du pignon	Ritzelring	anel do pinhão	anillo piñón
15	1990357	1	Bearing	palier	Lager	mancal	cojinete
16	1990358	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	1990359	1	Shim set	ensemble de la cale	Beilegesatz	estojo de calços	conj cua
18	1990360	1	Shim set	ensemble de la cale	Beilegesatz	estojo de calços	conj cua
19	1990361	1	Bearing	palier	Lager	mancal	cojinete
20	1990362	1	Housing	botier	Gehuse	carcaça	carcasa
21	1990363	1	Bearing	palier	Lager	mancal	cojinete
22	1990364	1	Housing	botier	Gehuse	carcaça	carcasa
23	1990365	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	1990366	1	Bearing	palier	Lager	mancal	cojinete
25	1990367	1	Ring	anneau	Ring	anel	anillo
26	1990368	1	Cap	chapeau	Kappe	tampa	tapa
27	1990380	1	Seal	joint étanchéité	Dichtung	vedador	sello
28	1990391	1	Retainer	arrêtoir	Halterung	retentor	retén
29	1F0000420	1	Pin	goupille	Stift	pino	pasador
30	11G000616	4	Bolt	boulon	Bolzen	parafuso	bulón
31	25K030022	1	O-ring	joint torique	O Ring	anel-O	anillo-O
33	74G000516	3	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 11, 13 & 14

² Inc 4, 5, 16 → 18 & 20

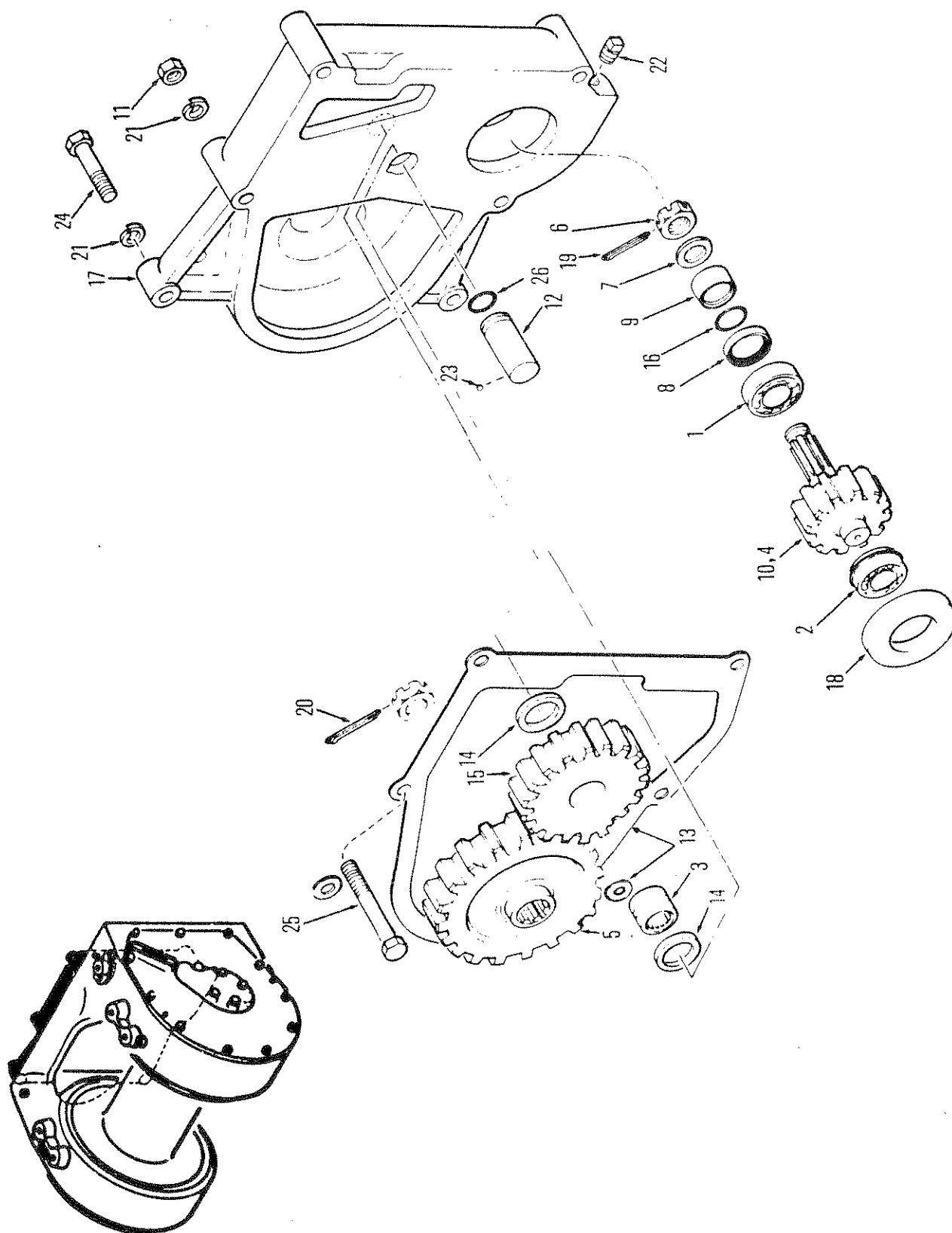
³ Inc 4, 5, & 20

⁴ Inc 13 & 14

⁵ Inc 28

⁶ Inc 2 & 6

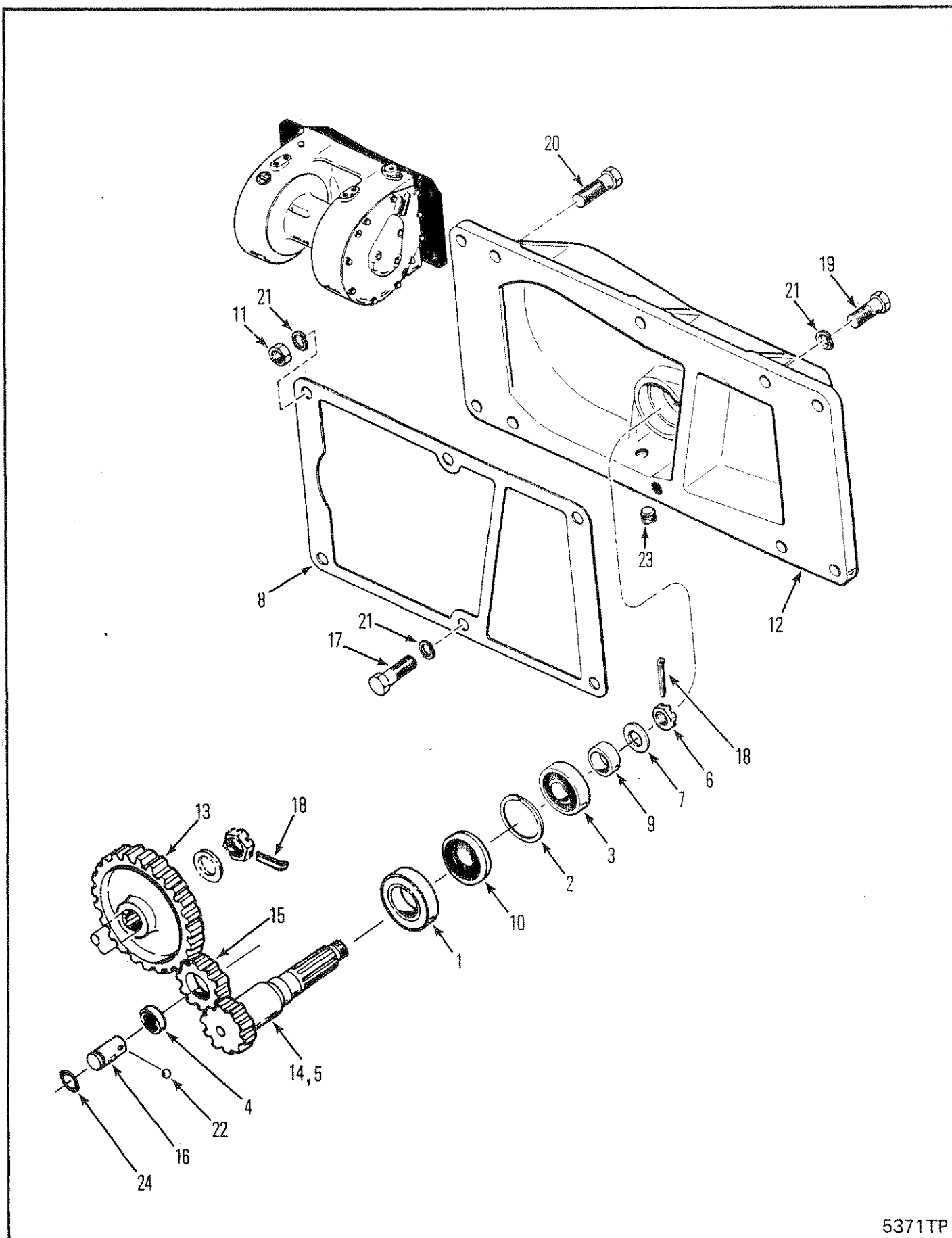
⁷ Inc 25



WINCH ADAPTER ASSEMBLY-GEARMATIC-19
ENSEMBLE D'APTATEUR DU TREUIL-GEARMATIC-19
ADAPTERGRUPPE DER WINDE-GEARMATIC-19
CONJUNTO DE ADAPTADOR DO GUINCHO-GEARMATIC-19
CONJUNTO ADAPTADOR DEL GUINCHE-GEARMATIC-19

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990171	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
1	710749	1	Bearing	palier	Lager	mancal	cojinete
2	731742	1	Bearing	palier	Lager	mancal	cojinete
3	763185	1	Bearing	palier	Lager	mancal	cojinete
4	1900215	1	Yoke	chape	Joch	garfo	horqueta
5	1990095	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
6	1990159	1	Nut	écrou	Mutter	porca	tuerca
7	1990160	1	Washer	rondelle	Scheibe	arruela	arandela
8	1990161	1	Seal	joint étanchéité	Dichtung	vedador	sello
9	1990162	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	1990164	1	Shaft	arbre	Welle	ávore	árbol
11	1990165	4	Nut	écrou	Mutter	porca	tuerca
12	1990167	1	Pin	goupille	Stift	pino	pasador
13	1990169	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
14	1990170	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
15	1990171	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
16	25K040116	1	O-ring	joint torique	O Ring	anel-O	anillo-O
17	1990260	1	Housing	botier	Gehuse	carcaça	carcasa
18	1990261	1	Ring	anneau	Ring	anel	anillo
19	1F0000424	1	Pin	goupille	Stift	pino	pasador
20	1F0000436	1	Pin	goupille	Stift	pino	pasador
21	4E0000012	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	10F000008	1	Plug	bouchon	Stopfen	bujão	tapón
23	10J000008	1	Key	clavette	Keil	chaveta	chaveta
24	17C001248	2	Bolt	boulon	Bolzen	parafuso	bulón
25	18C001281	4	Bolt	boulon	Bolzen	parafuso	bulón
26	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc 1 → 26

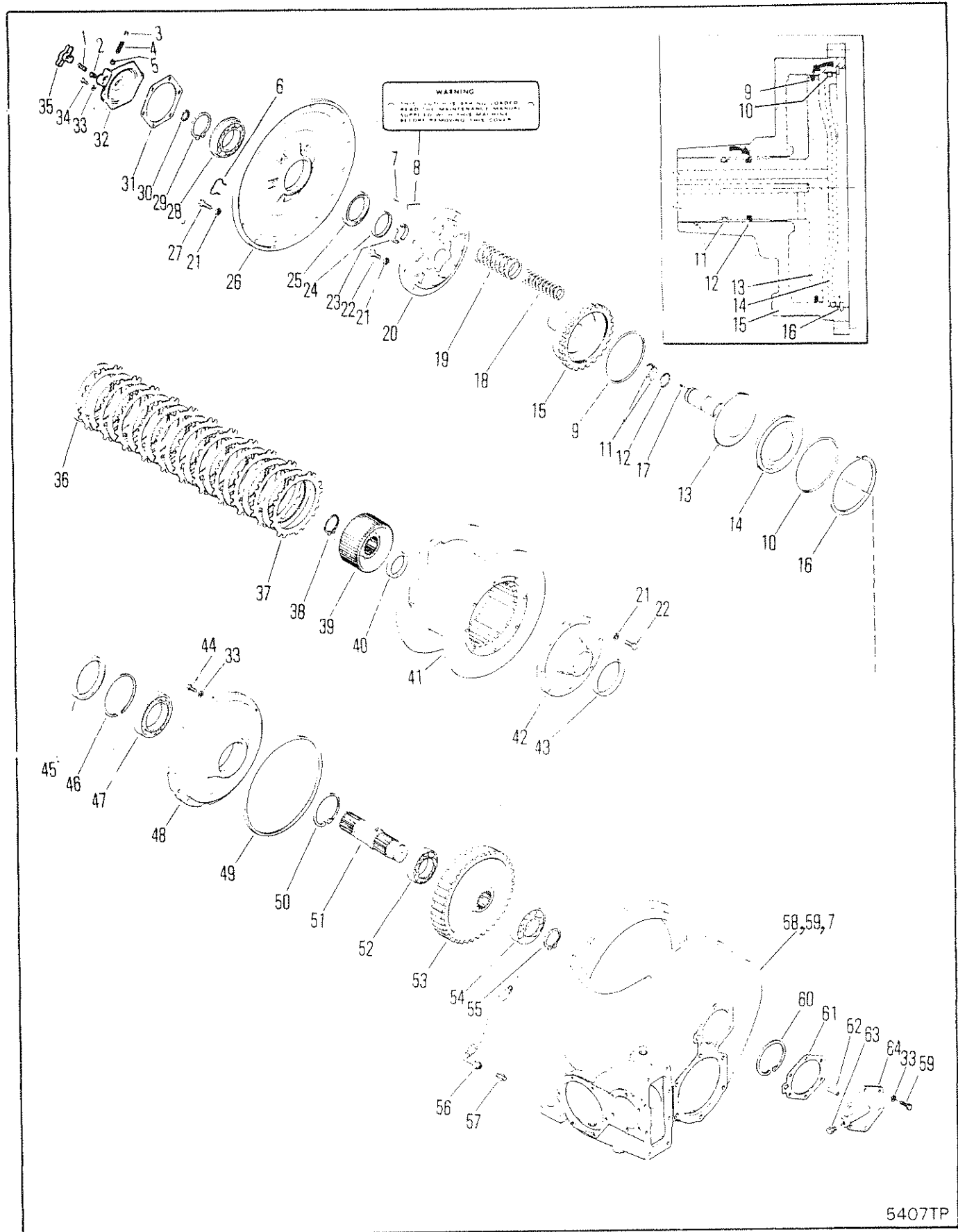


5371TP

WINCH ADAPTER ASSEMBLY-GEARMATIC-9
ENSEMBLE D'APTATEUR DU TREUIL-GEARMATIC-9
ADAPTERGRUPPE DER WINDE-GEARMATIC-9
CONJUNTO DE ADAPTADOR DO GUINCHO-GEARMATIC-9
CONJUNTO ADAPTADOR DEL GUINCHE-GEARMATIC-9

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990509	1	Adapter assy	ens adaptateur	Zwischenstück vollst	conj adaptador	conj adaptador
1	302712	1	Bearing	palier	Lager	mancal	cojinete
2	669863	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
3	713836	1	Bearing	palier	Lager	mancal	cojinete
4	763656	1	Bearing	palier	Lager	mancal	cojinete
5	†1900215	1	Yoke	chape	Joch	garfo	horqueta
6	1990159	1	Nut	écrou	Mutter	porca	tuerca
7	1990160	1	Washer	rondelle	Scheibe	arruela	arandela
8	1990371	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
9	1990372	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	1990382	1	Seal	joint étanchéité	Dichtung	vedador	sello
11	62D000010	3	Nut	écrou	Mutter	porca	tuerca
12	1990510	1	Housing	botier	Gehuse	carcaça	carcasa
13	1990511	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
14	1990512	1	Shaft	arbre	Welle	ávore	árbol
15	1990513	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
16	1990514	1	Shaft	arbre	Welle	ávore	árbol
17	1C0001028	1	Bolt	boulon	Bolzen	parafuso	bulón
18	1F0000424	2	Pin	goupille	Stift	pino	pasador
19	2C0001024	2	Bolt	boulon	Bolzen	parafuso	bulón
20	2C0001032	3	Bolt	boulon	Bolzen	parafuso	bulón
21	4E0000010	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	10J000008	1	Ball	bille	Kugel	esfera	bola
23	16F000008	1	Plug	bouchon	Stopfen	bujão	tapón
24	25K040030	1	O-ring	joint torique	O Ring	anel-O	anillo-O

RANGER



WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH W-300
TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE W-300
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG W-300
GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM W-300
GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE W-300

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	6-----	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	222418	1	Plug	bouchon	Stopfen	bujão	tapón
7	207873	4	Screw	vis	Schraube	parafuso	tornillo
8	232338	1	Tag	etiquette	Etikett	etiqueta	etiqueta
9	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	25K040716	1	O ring	joint torique	O ring	anel-O	anillo-O
11	25K040200	2	O ring	joint torique	O ring	anel-O	anillo-O
12	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
13	239216	1	Shaft	arbre	Welle	ávore	árbol
14	232240	1	Plug	bouchon	Stopfen	bujão	tapón
15	232239	1	Piston	piston	Kolben	pistão	pistón
16	232241	1	Ring	anneau	Ring	anel	anillo
17	231231	1	Plug	bouchon	Stopfen	bujão	tapón
18	231333	6	Spring	ressort	Feder	mola	resorte
19	231332	6	Spring	ressort	Feder	mola	resorte
20	234597	1	Drum support	support du tambour	Trommelstütze	suporte do tambor	soporte del tambor
21	4E000008	31	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	17C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
23	231811	2	Ring	anneau	Ring	anel	anillo
24	5S-----	1	Sleeve	manchon	Muffe	luva	manguito
25	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
26	801767	1	Cover	couvercle	Deckel	tampa	tapa
27	1C000822	15	Bolt	boulon	Bolzen	parafuso	bulón
28	231338	1	Bearing	palier	Lager	mancal	cojinete
29	225313	1	Ring	anneau	Ring	anel	anillo
30	223084	1	Ring	anneau	Ring	anel	anillo
31	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	232943	1	Cap	chapeau	Kappe	tampa	tapa
33	4E000006	20	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	1C000618	6	Bolt	boulon	Bolzen	parafuso	bulón
35	232944	1	Bolt	boulon	Bolzen	parafuso	bulón
36	232628	11	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
37	232285	14	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
38	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
39	231831	1	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
40	234761	1	Seal	joint étanchéité	Dichtung	vedador	sello
41	231300	1	Drum	tambour	Trommel	tambor	tambor
42	231495	1	Support	support	Abstützung	suporte	soporte
43	231843	1	Sleeve	manchon	Muffe	luva	manguito
44	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
45	231842	1	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Inc 43

² Inc 16

³ Inc 12

⁴ Inc 24

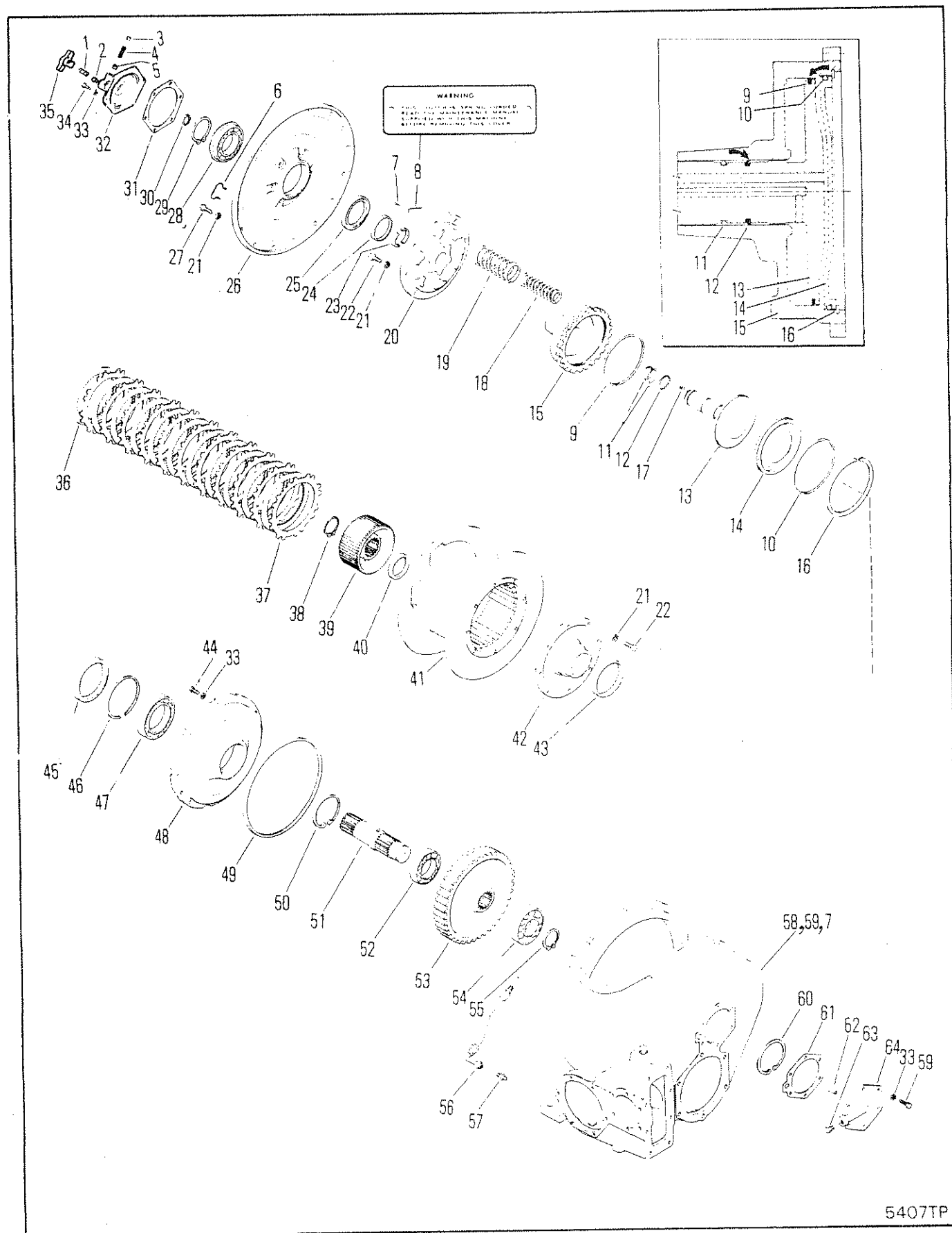
⁵ See 20

⁵ Voir 20

⁵ Siehe 20

⁵ Veja 20

⁵ Véase 20



5407TP

WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH W-300
TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOUR DE CÂBLE & EMBRAYAGE W-300
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG W-300
GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM W-300
GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAGUE W-300

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	217693	1	Ring	anneau	Ring	anel	anillo
47	225800	1	Bearing	palier	Lager	mancal	cojinete
48	231294	1	Support	support	Abstützung	suporte	soporte
49	218777	1	O-ring	joint torique	O Ring	anel-O	anillo-O
50	952160	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
51	231290	1	Shaft	arbre	Welle	ávore	árbol
52	774623	1	Bearing	palier	Lager	mancal	cojinete
53	231289	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
54	225793	1	Bearing	palier	Lager	mancal	cojinete
55	230067	1	Ring	anneau	Ring	anel	anillo
56	231399	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
57	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
58	232950	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche
59	1C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
60	711178	1	Ring	anneau	Ring	anel	anillo
61	231293	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
62	222031	1	Tube	tube	Rohr	tubo	tubo
63	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
64	231292	1	Cover	couvercle	Deckel	tampa	tapa

¹ Inc 43

² Inc 16

³ Inc 12

⁴ Inc 24

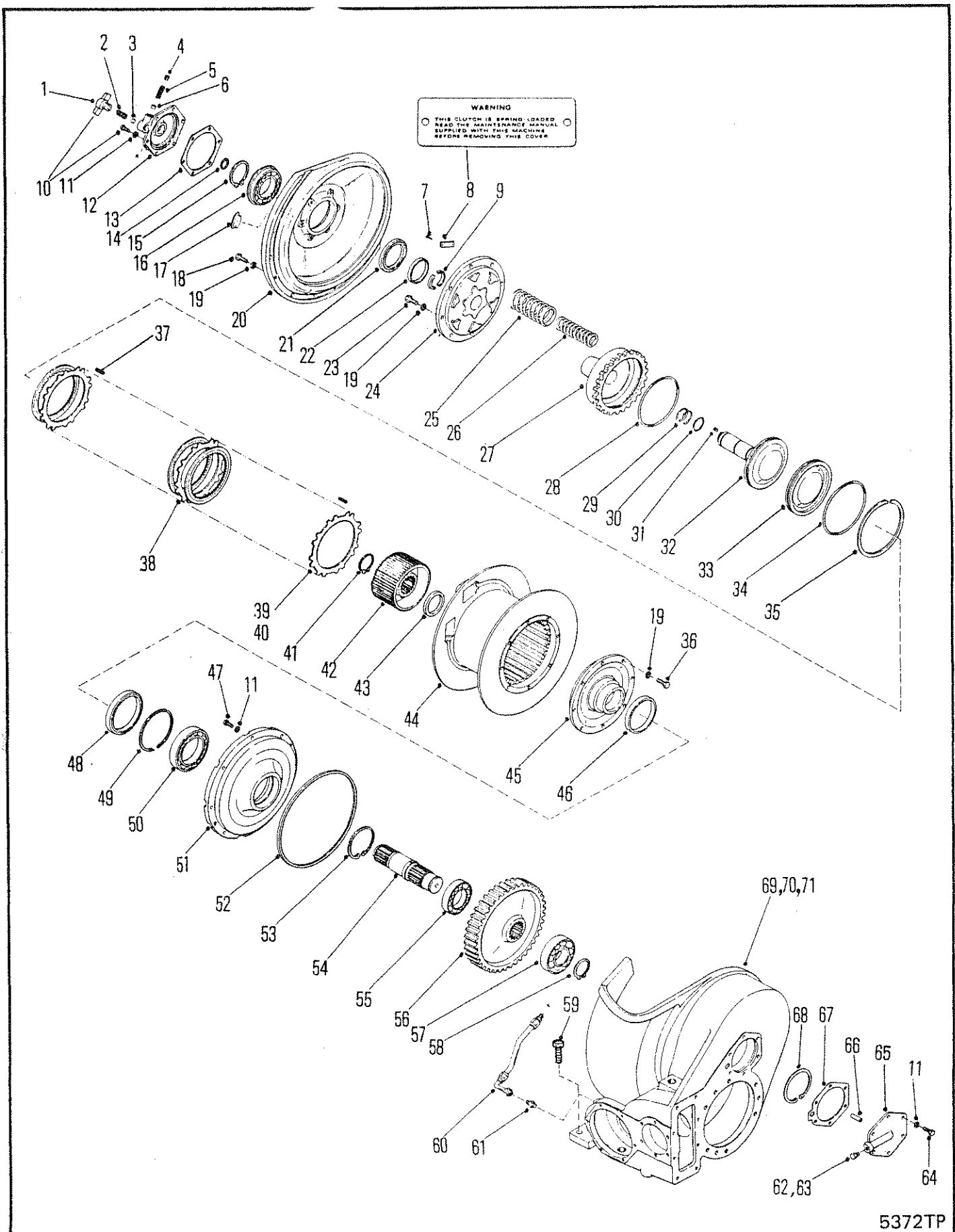
⁵ See 20

⁵ Voir 20

⁵ Siehe 20

⁵ Veja 20

⁵ Véase 20



5372TP

WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH W311-1
TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOR DE CÂBLE & EMBRAYAGE W311-1
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG W311-1
GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM W311-1
GUINCHE,ARBOL IMPULSOR DEL TAMBOR DE CABLES & EMBRAGUE W311-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	284250	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	1C000618	6	Bolt	boulon	Bolzen	parafuso	bulón
11	4E000006	20	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	232943	1	Cap	chapeau	Kappe	tampa	tapa
13	231308	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
14	223084	1	Ring	anneau	Ring	anel	anillo
15	225313	1	Ring	anneau	Ring	anel	anillo
16	231338	1	Bearing	palier	Lager	mancal	cojinete
17	222418	1	Plug	bouchon	Stopfen	bujão	tapón
18	1C000822	9	Bolt	boulon	Bolzen	parafuso	bulón
19	4E000008	25	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	234001	1	Cover	couvercle	Deckel	tampa	tapa
21	231336	1	Seal	joint étanchéité	Dichtung	vedador	sello
22	4S-----	1	Sleeve	manchon	Muffe	luva	manguito
23	17C000824	16	Bolt	boulon	Bolzen	parafuso	bulón
24	234597	1	Drum support	support du tambour	Trommelstütze	suporte do tambor	soporte del tambour
25	231332	6	Spring	ressort	Feder	mola	resorte
26	231333	6	Spring	ressort	Feder	mola	resorte
27	232239	1	Piston	piston	Kolben	pistão	pistón
28	231303	1	Seal	joint étanchéité	Dichtung	vedador	sello
29	25K040200	2	O ring	joint torique	O ring	anel-O	anillo-O
30	231017	1	Seal	joint étanchéité	Dichtung	vedador	sello
31	231231	1	Plug	bouchon	Stopfen	bujão	tapón
32	239216	1	Shaft	arbre	Welle	ávore	árbol
33	232240	1	Plug	bouchon	Stopfen	bujão	tapón
34	25K040716	1	O ring	joint torique	O ring	anel-O	anillo-O
35	223989	1	Ring	anneau	Ring	anel	anillo
36	17C000814	8	Bolt	boulon	Bolzen	parafuso	bulón
37	236574	12	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
38	232628	12	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
39	232285	14	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
40	232635	12	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
41	711161	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
42	232370	1	Hub&washer assy	ass moyeu et rond	Nabe & Beilageinh	cubo e conj arr	conj cubo y aran
43	234761	1	Seal	joint étanchéité	Dichtung	vedador	sello
44	231300	1	Drum	tambour	Trommel	tambor	tambor
45	231495	1	Support	support	Abstützung	suporte	soporte

1 Inc 46

2 Inc 31

3 Ref A6 24150

4 See 24

4 Voir 24

4 Siehe 24

4 Veja 24

4 Véase 24

5 Inc 22

6 □S/N 94804T→Winch

6 □S/N 94804T→Treuil

6 □S/N 94804T→Winde

6 □S/N 94804T→Guincho

6 □S/N 94804T→Guinche

7 May require extra discs for shimming.

7 Peut nécessiter des disques supplémentaires pour le calage.

7 Vielleicht zusätzliche Scheiben zum Ausgleich nötig.

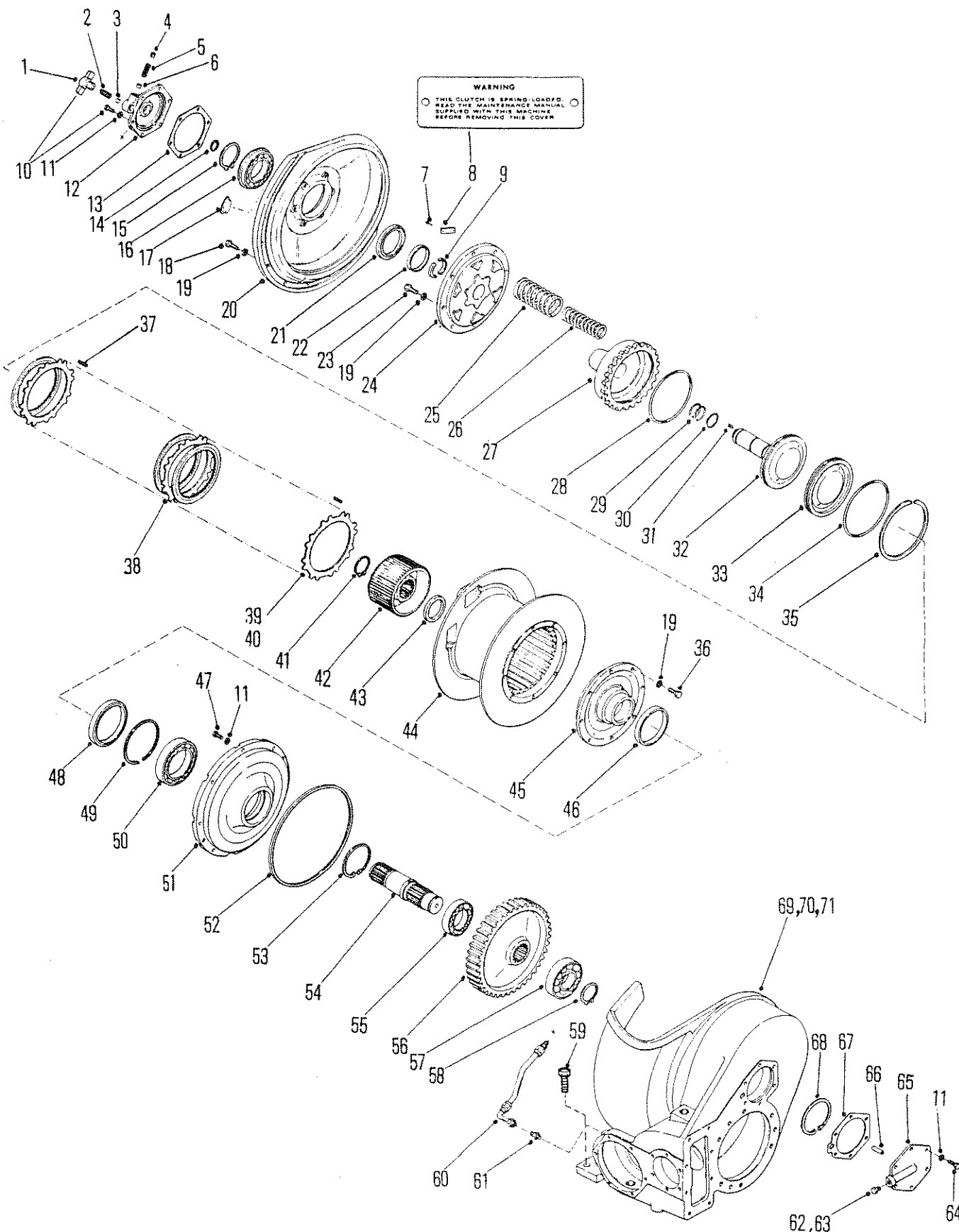
7 Pode requerer discos extras para calçar.

7 Puede requerir discos adicionales para nivelar.

664GM 514E-677-CAC→514E-9999-CAC
664GMGR 508C-101-CAC→508C-9999-CAC

514E-655,659,661,662-CAC

514E-664-CAC→514E-674&676CAC



5372TP

WINCH,CABLE DRUM DRIVE SHAFT & CLUTCH W311-1
TREUIL,ARBRE D'ENTRAÎNEMENT DU TAMBOR DE CÂBLE & EMBRAYAGE W311-1
WINDE,ANTRIEBSWELLE DER SEILTROMMEL & KUPPLUNG W311-1
GUINCHO,EIXO IMPULSOR DO TAMBOR DE CABOS & EMBREAGEM W311-1
GUINCHE,ARBOL INPULSOR DEL TAMBOR DE CABLES & EMBRAQUE W311-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	231843	1	Sleeve	manchon	Muffe	luva	manguito
47	1C000616	8	Bolt	boulon	Bolzen	parafuso	bulón
48	231842	1	Seal	joint étanchéité	Dichtung	vedador	sello
49	217693	1	Ring	anneau	Ring	anel	anillo
50	225800	1	Bearing	palier	Lager	mancal	cojinete
51	231294	1	Support	support	Abstützung	suporte	soporte
52	218777	1	O-ring	joint torique	O Ring	anel-O	anillo-O
53	952160	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
54	231290	1	Shaft	arbre	Welle	ávore	árbol
55	774623	1	Bearing	palier	Lager	mancal	cojinete
56	232368	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
57	225793	1	Bearing	palier	Lager	mancal	cojinete
58	230067	1	Ring	anneau	Ring	anel	anillo
59	17C002040	4	Bolt	boulon	Bolzen	parafuso	bulón
60	231399	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
61	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
62	16F000024	1	Plug	bouchon	Stopfen	bujão	tapón
63	40K000002	1	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
64	1C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
65	231292	1	Cover	couvercle	Deckel	tampa	tapa
66	222031	1	Tube	tube	Rohr	tubo	tubo
67	231293	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
68	711178	1	Ring	anneau	Ring	anel	anillo
69	220725	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
70	207878	2	Screw	vis	Schraube	parafuso	tornillo
71	233859	1	Case winch	boitier treuil	Windengehäuse	caixa guincho	caja guinche

¹ Inc 46

² Inc 31

³ Ref A6 24150

⁴ See 24

⁴ Voir 24

⁴ Siehe 24

⁴ Veja 24

⁴ Véase 24

⁵ Inc 22

⁶ □S/N 94804T→Winch

⁶ □S/N 94804T→Treuil

⁶ □S/N 94804T→Winde

⁶ □S/N 94804T→Guincho

⁶ □S/N 94804T→Guinche

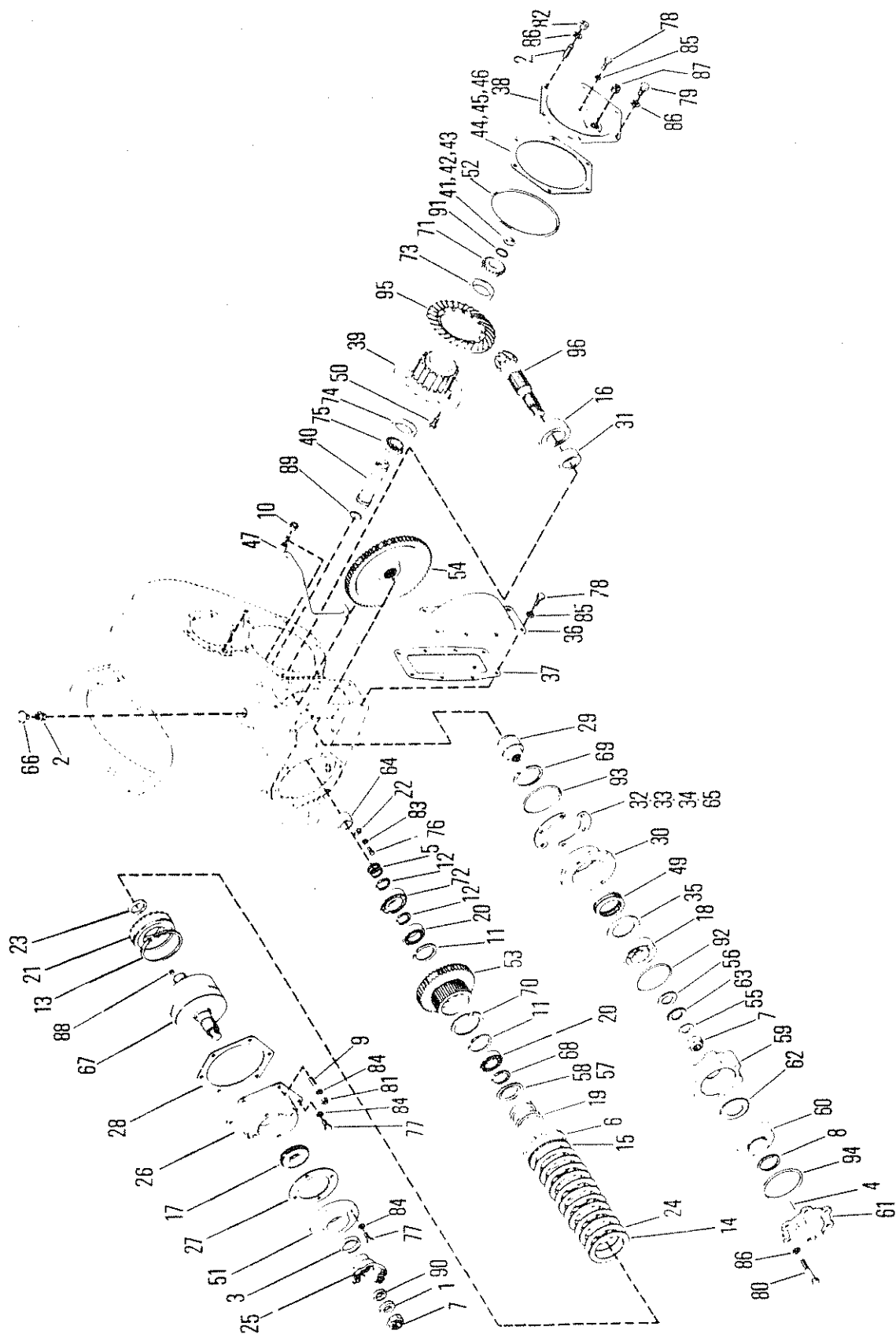
⁷ May require extra discs for shimming.

⁷ Peut nécessiter des disques supplémentaires pour le calage.

⁷ Vielleicht zusätzliche Scheiben zum Ausgleigh nötig.

⁷ Pode requerer discos extras para calçar.

⁷ Puede requerir discos adicionales para nivelar.



5378TP

WINCH, INPUT CLUTCH, PINION SHAFT & RING GEAR SHAFT GROUP W-300

TREUIL, EMBRAYAGE D'ENTRÉE, AXE DU PIGNON & GROUPE D'ARBRE D'ENGRENAGE DE LA CO W-300

WINDE, EINGANGSKUPPLUNG, RITZELWELLE & ZAHNKRANZWELLE W-300

GUINCHO, GRUPO DE EMBREAGEM DE ENTRADA, EIXO DE PINHÃO & GRUPO DE EIXO DE ENGR W-300

GUINCHE, EMBRAGUE DE ENTRADA, EJE PIÑÓN & GRUPO DEL EJE CORONA W-300

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
1	102745	1	Washer	rondelle	Scheibe	arruela	arandela
2	206770	2	Stud	goujon	Stift	prisioneiro	espárrago
3	206864	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	211853	2	Pin	goupille	Stift	pino	pasador
5	215183	2	Ring	anneau	Ring	anel	anillo
6	215190	1	Ring	anneau	Ring	anel	anillo
7	216058	2	Nut	écrou	Mutter	porca	tuerca
8	217420	1	Ring	anneau	Ring	anel	anillo
9	220818	1	Stud	goujon	Stift	prisioneiro	espárrago
10	222067	1	Sleeve	manchon	Muffe	luva	manguito
11	223877	2	Ring	anneau	Ring	anel	anillo
12	224083	2	Ring	anneau	Ring	anel	anillo
13	224771	1	Ring	anneau	Ring	anel	anillo
13A	2242873	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	224772	6	Disc	disque	Scheibe	disco	disco
15	224774	1	Plate	plaque	Platte	placa	placa
16	225844	1	Bearing	palier	Lager	mancal	cojinete
17	225956	1	Bearing	palier	Lager	mancal	cojinete
18	229862	1	Bearing	palier	Lager	mancal	cojinete
19	230822	1	Spring	ressort	Feder	mola	resorte
20	230829	2	Bearing	palier	Lager	mancal	cojinete
21	802164	1	Piston Kit	jeu de pistons	Kolbensatz	jogo de pistão	juego de pistón
22	230851	1	Lock	serrure	Schloss	fechadura	cerradura
23	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
24	230911	6	Disc	disque	Scheibe	disco	disco
25	231059	1	Flange	flange	Flansch	bride	brida
26	231260	1	Cap	chapeau	Kappe	tampa	tapa
27	231262	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
28	231264	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
29	231269	1	Race	course	Lauftring	canaleta	via
30	231270	1	Race	course	Lauftring	canaleta	via
31	231271	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
32	231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
33	231275	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
34	231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
35	231277	1	Washer	rondelle	Scheibe	arruela	arandela
36	231278	1	Cover	couvercle	Deckel	tampa	tapa
37	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
38	231280	1	Cover	couvercle	Deckel	tampa	tapa
39	231281	1	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
40	231282	1	Shaft	arbre	Welle	ávore	árbol
41	231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
42	231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
43	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
44	231286	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
45	231287	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM

¹ Ref A 6 22000

² Install to prevent opposite rotation of input P.T.O. drive shaft on the transmission

² Installer de sorte à éviter que la rotation de l'arbre moteur P.T.O. d'entrée sur

² Einbauen, um entgegengesetzten Lauf der P.T.O. Eingangswelle am Getriebe zu verhindern¹ Instalar para evitar rotação oposta do eixo de propulsão P.T

² Instalar para evitar rotacion contraria del eje impulsor P.T.O. sobre la transmisión

³ Inc 3

⁴ Inc 4

⁵ See 48 & 52

⁵ Voir 48 & 52

⁵ Siehe 48 & 52

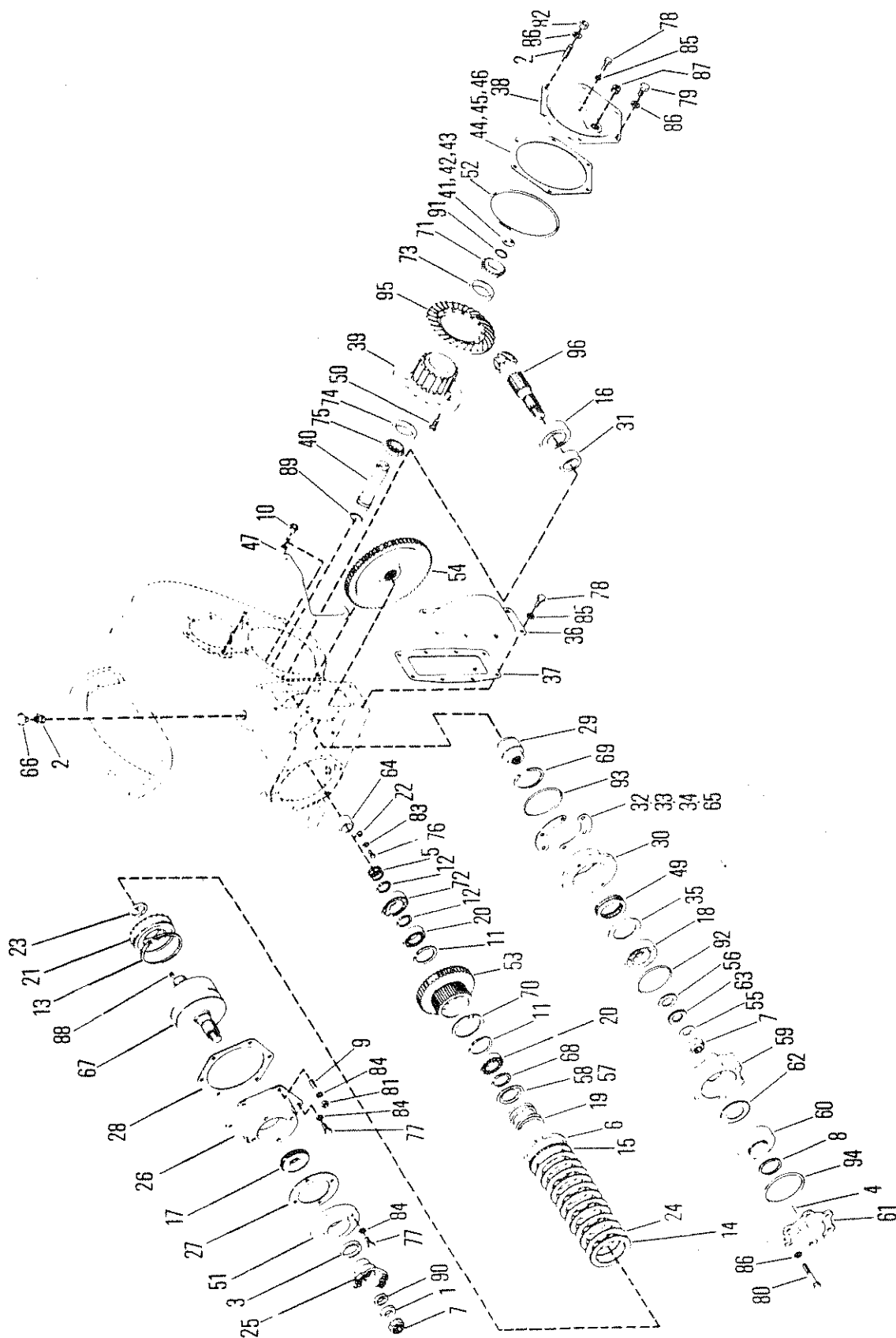
⁵ Veja 48 & 52

⁵ Véase 48 & 52

⁶ Inc 95 & 96

⁷ Teflon

⁸ Inc 13A



5378TP

WINCH, INPUT CLUTCH, PINION SHAFT & RING GEAR SHAFT GROUP W-300

TREUIL, EMBRAYAGE D'ENTRÉE, AXE DU PIGNON & GROUPE D'ARBRE D'ENGRENAGE DE LA CO W-300

WINDE, EINGANGSKUPPLUNG, RITZELWELLE & ZAHNKRANZWELLE W-300

GUINCHO, GRUPO DE EMBREAGEM DE ENTRADA, EIXO DE PINHÃO & GRUPO DE EIXO DE ENGR W-300

GUINCHE, EMBRAGUE DE ENTRADA, EJE PIÑÓN & GRUPO DEL EJE CORONA W-300

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	231288	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
47	231310	1	Tube	tubo	Rohr	tubo	tubo
48	231331	1	Ring gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
49	231342	1	Sprag	bras dancrage	Bremsklotz	colço	calzo
50	231345	12	Screw	vis	Schraube	parafuso	tornillo
51	231385	1	Retainer	arrêtoir	Halterung	retentor	retén
52	25K040900	1	O-ring	joint torique	O Ring	anel-O	anillo-O
53	231743	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
54	231744	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
55	231923	1	Washer	rondelle	Scheibe	arruela	arandela
56	231924	1	Washer	rondelle	Scheibe	arruela	arandela
57	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
58	232141	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
59	232156	1	Housing	botier	Gehuse	carcaça	carcasa
60	232157	1	Piston	piston	Kolben	pistão	pistón
61	232158	1	Cover	couvercle	Deckel	tampa	tapa
62	232159	1	Disc	disque	Scheibe	disco	disco
63	232160	1	Hub	moyeu	Nabe	cubo	cubo
64	232346	1	Race	course	Laufring	canaleta	vía
65	232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
66	233598	1	Air breather	souffleur dair	Luftansauger	respiradouro	respirador de aire
67	235784	1	Shaft&Drum assy	tambour&arbre ens	Trommel&Welle voll	tambor&eixo conj	tambour&eje conj
68	654613	1	Ring	anneau	Ring	anel	anillo
69	711022	1	Ring	anneau	Ring	anel	anillo
70	731160	1	Ring	anneau	Ring	anel	anillo
71	731288	1	Cover	couvercle	Deckel	tampa	tapa
72	743439	1	Bearing	palier	Lager	mancal	cojinete
73	784562	1	Cup	cuvette	Schale	capa	cubeta
74	1314773	1	Cup	cuvette	Schale	capa	cubeta
75	1314774	1	Cone	cône	Kegel	cone	cono
76	1C000510	1	Bolt	boulon	Bolzen	parafuso	bulón
77	1C000618	9	Bolt	boulon	Bolzen	parafuso	bulón
78	1C000722	10	Bolt	boulon	Bolzen	parafuso	bulón
79	1C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
80	1C000860	6	Bolt	boulon	Bolzen	parafuso	bulón
81	2D000006	1	Nut	écrou	Mutter	porca	tuerca
82	2D000008	2	Nut	écrou	Mutter	porca	tuerca
83	4E000005	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
84	4E000006	10	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
85	4E000007	10	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
86	4E000008	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
87	14F000016	1	Plug	bouchon	Stopfen	bujão	tapón
88	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
89	25K030114	1	O-ring	joint torique	O Ring	anel-O	anillo-O
90	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Ref A 6 22000

2 Install to prevent opposite rotation of input P.T.O. drive shaft on the transmission

2 Installer de sorte à éviter que la rotation de l'arbre moteur P.T.O. d'entrée sur

2 Einbauen, um entgegengesetzten Lauf der P.T.O. Eingangswelle am Getriebe zu verhindern¹ Instalar para evitar rotação oposta do eixo de propulsão P.T

2 Instalar para evitar rotación contraria del eje impulsor P.T.O. sobre la transmisión

3 Inc 3

4 Inc 4

5 See 48 & 52

5 Voir 48 & 52

5 Siehe 48 & 52

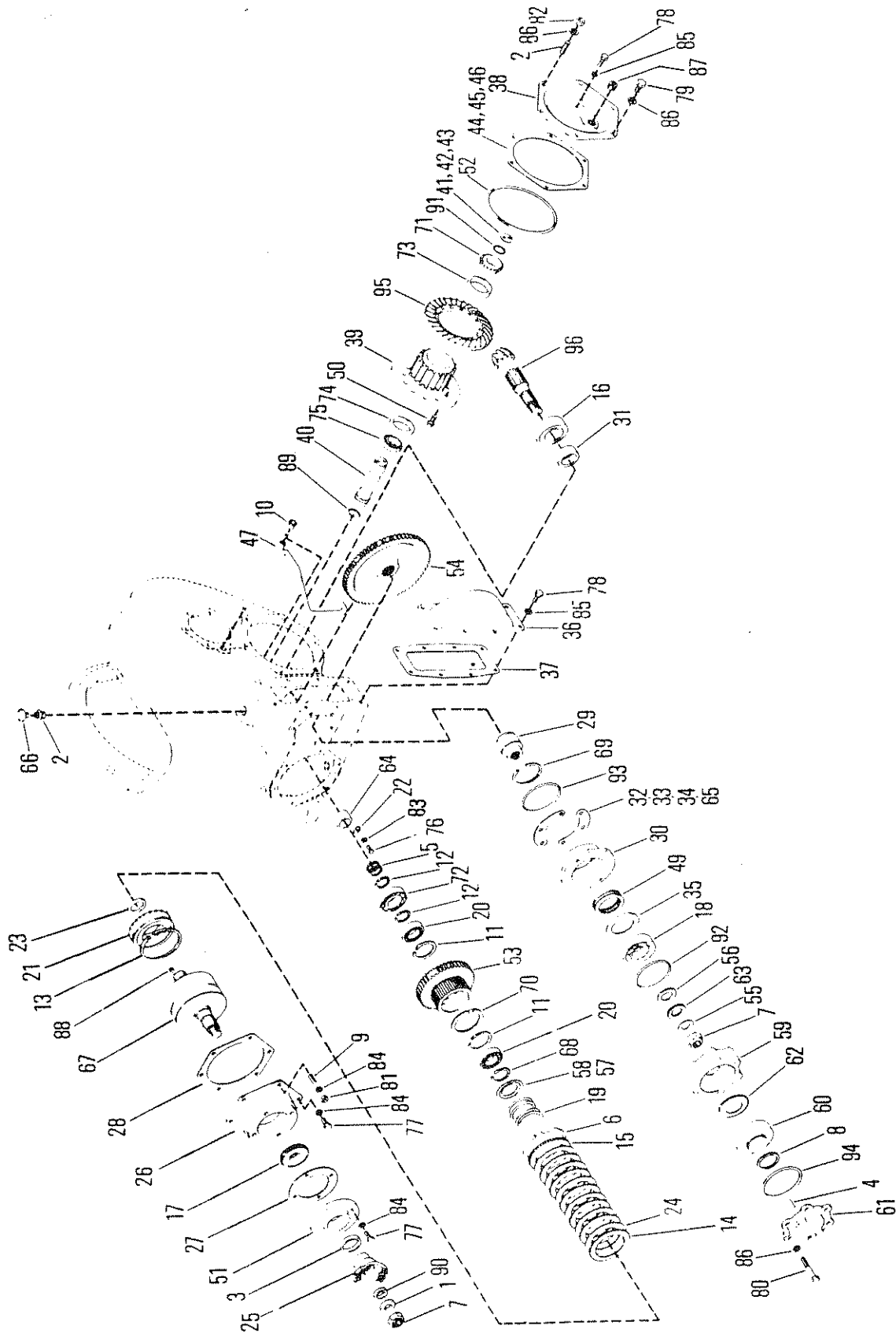
5 Veja 48 & 52

5 Véase 48 & 52

6 Inc 95 & 96

7 Teflon

8 Inc 13A



5378TP

WINCH,INPUT CLUTCH, PINION SHAFT & RING GEAR SHAFT GROUP W-300

TREUIL,EMBRAYAGE D'ENTRÉE, AXE DU PIGNON & GROUPE D'ARBRE D'ENGRENAGE DE LA CO W-300

WINDE,EINGANGSKUPPLUNG, RITZELWELLE & ZAHNKRANZWELLE W-300

GUINCHO,GRUPO DE EMBREAGEM DE ENTRADA, EIXO DE PINHÃO & GRUPO DE EIXO DE ENGR W-300

GUINCHE,EMBRAGUE DE ENTRADA, EJE PIÑON & GRUPO DEL EJE CORONA W-300

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
91	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
92	25K040408	1	O-ring	joint torique	O Ring	anel-O	anillo-O
93	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
94	25K040500	1	O-ring	joint torique	O Ring	anel-O	anillo-O
95	⁵ §-----	-	Ring gear	couronne dentée	Zahnkranz	corôa	corona
96	⁵ §-----	-	Gear	engrenage	Zahnrad	engrenagem	engranaje

¹ Ref A 6 22000

² Install to prevent opposite rotation of input P.T.O. drive shaft on the transmission

² Installer de sorte à éviter que la rotation de l'arbre moteur P.T.O. d'entrée sur

² Einbauen, um entgegengesetzten Lauf der P.T.O. Eingangswelle am Getriebe zu verhindern¹ Instalar para evitar rotação oposta do eixo de propulsão P.T

² Instalar para evitar rotacion contraria del eje impulsor P.T.O. sobre la transmisión

³ Inc 3

⁴ Inc 4

⁵ See 48 & 52

⁵ Voir 48 & 52

⁵ Siehe 48 & 52

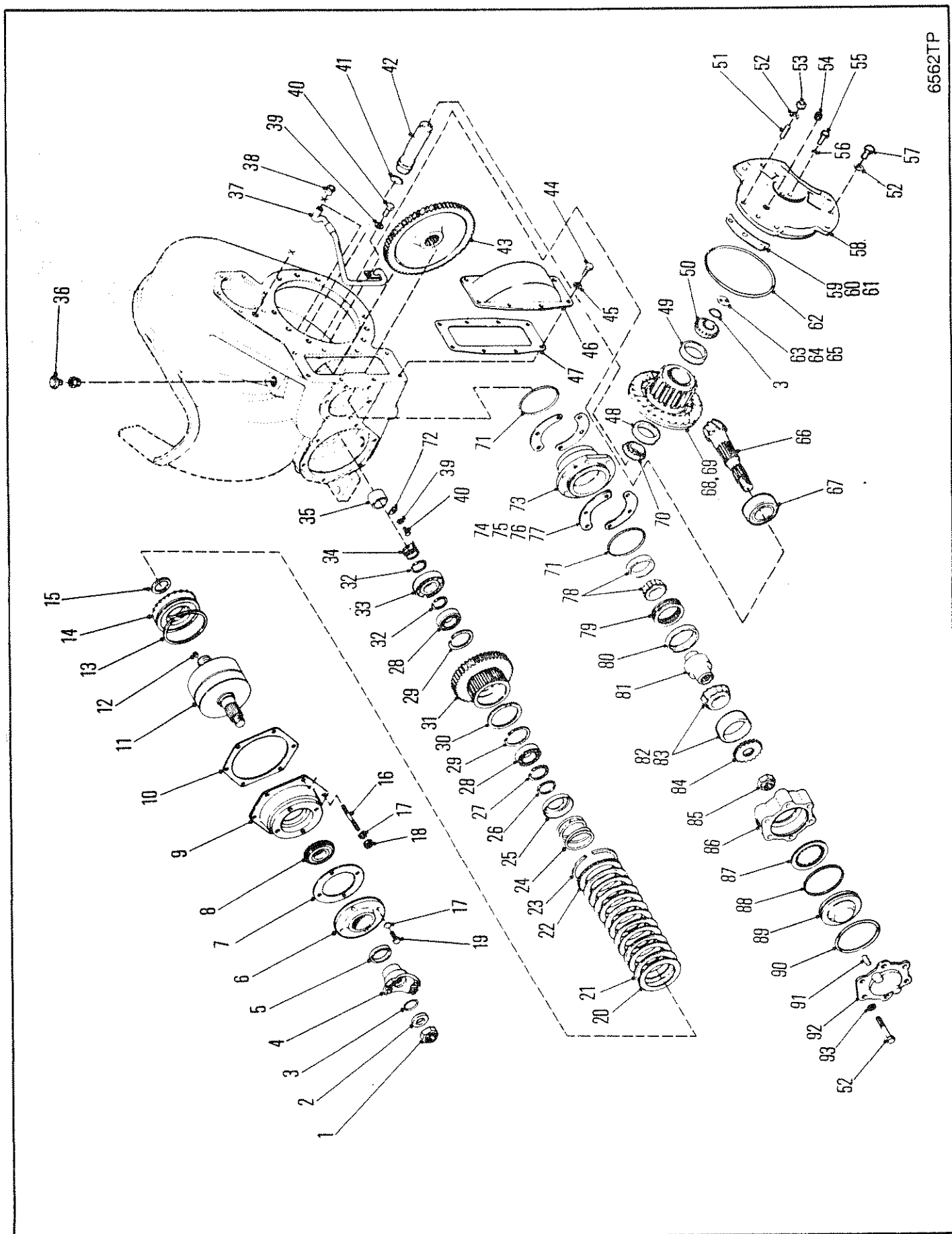
⁵ Veja 48 & 52

⁵ Véase 48 & 52

⁶ Inc 95 & 96

⁷ Teflon

⁸ Inc 13A



6562TP

WINCH, INPUT CLUTCH, PINION SHAFT & RING GEAR SHAFT W-311-1

TREUIL, EMBRAYAGE D'ENTRÉE, AXE DU PIGNON D'ARBRE D'ENGRENAGE

DE LA COURONNE W-311-1

WINDE-EINGANGSKUPPLUNG, RITZELWELLE & ZAHNKRANZWELLE W-311-1

GUICHO-EMBREGEM DE ENTRADA, EIXO DE PINHÃO & EIXO DE ENGRENAGE W-311-1

GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑON & EJE CORONA W-311-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A 40-----		1	Winch assy	treuil ens	Winde vollst	guincho conj	guinche conj
B	233361	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
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	231059	1	Flange	flange	Flansch	bride	brida
5	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
6	231385	1	Retainer	arrêtoir	Halterung	retentor	retén
7	231262	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	225956	2	Bearing	palier	Lager	mancal	cojinete
9	231260	1	Cap	chapeau	Kappe	tampa	tapa
10	231264	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
11	235784	1	Shaft&Drum assy	tambour&arbre ens	Trommel&Welle voll	tambor&eixo conj	tambour&eje conj
12	16F000001	1	Plug	bouchon	Stopfen	bujão	tapón
13	224771	1	Ring	anneau	Ring	anel	anillo
13A	242873	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	802164	1	Piston Kit	jeu de pistons	Kolbensatz	jôgo de pistão	juego de pistón
15	230857	1	Seal	joint étanchéité	Dichtung	vedador	sello
16	203253	12	Stud	goujon	Stift	prisioneiro	espárrago
17	4E000006	22	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	62D000006	-	Nut	écrou	Mutter	porca	tuerca
19	1C000618	4	Bolt	boulon	Bolzen	parafuso	bulón
20	224772	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
20A	230911	6	Clutch disc	disque dembrayage	Kupplungsscheibe	disco da embreagem	disco de embrague
21	224774	1	End plate	plaque d'extrémité	Endplatte	placa terminal	placa extrema
22	215190	1	Ring	anneau	Ring	anel	anillo
23	230822	1	Spring	ressort	Feder	mola	resorte
24	232089	1	Retainer	arrêtoir	Halterung	retentor	retén
25	232141	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
26	654613	1	Ring	anneau	Ring	anel	anillo
27	654613	1	Ring	anneau	Ring	anel	anillo
28	230829	2	Bearing	palier	Lager	mancal	cojinete
29	223877	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	731160	1	Ring	anneau	Ring	anel	anillo
31	1231743	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
32	224083	3	Ring retaining	bague d'arrêt	Halterung	anel retentor	anillo de retención
33	743439	2	Bearing	palier	Lager	mancal	cojinete
34	215183	2	Ring	anneau	Ring	anel	anillo
35	232346	1	Race	course	Lauftring	canaleta	vía
36	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
37	232348	1	Tube	tube	Rohr	tubo	tubo
38	222067	1	Sleeve	manchon	Muffe	luva	manguito
39	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
40	1C000510	2	Bolt	boulon	Bolzen	parafuso	bulón
41	25K040200	1	O ring	joint torique	O ring	anel-O	anillo-O
42	232363	1	Shaft	arbre	Welle	ávore	árbol
43	231744	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
44	9C000814	12	Bolt	boulon	Bolzen	parafuso	bulón
45	1C000722	8	Bolt	boulon	Bolzen	parafuso	bulón

1 41 teeth
1 41 dents
1 41 Zähne
1 41 dentes
1 41 dientes

2 67 teeth
2 67 dents
2 67 Zähne
2 67 dentes
2 67 dientes

3 Inc 44, 66 & 68

4 Inc 1→93 Ref A6 23000

5 Teflon

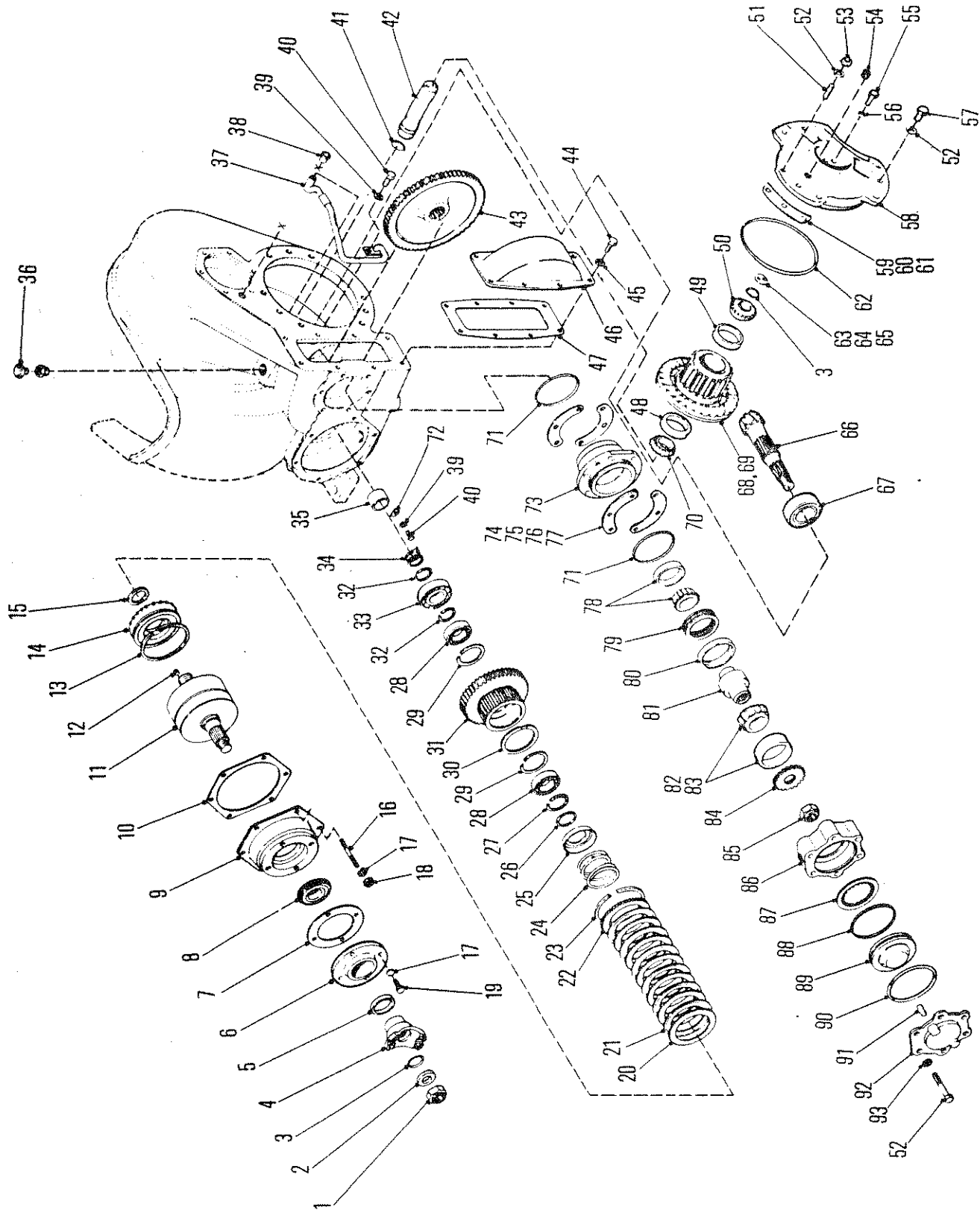
6 Inc 13A

664GM
664GMGR

514E-655,659,661,662-CAC
508C-101-CAC→508C-9999-CAC

514E-664-CAC→674&676-CAC

514F-101-CAC→514H-9999-CAC



6562TP

WINCH, INPUT CLUTCH, PINION SHAFT & RING GEAR SHAFT W-311-1

TREUIL, EMBRAYAGE D'ENTRÉE, AXE DU PIGNON D'ARBRE D'ENGRENAGE

DE LA COURONNE W-311-1

WINDE-EINGANGSKUPPLUNG, RITZELWELLE & ZAHNKRANZWELLE W-311-1

GUICHO-EMBREGEM DE ENTRADA, EIXO DE PINHÃO & EIXO DE ENGRENAGE W-311-1

GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑON & EJE CORONA W-311-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	231278	1	Cover	couvercle	Deckel	tampa	tapa
47	231279	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
48	1304638	1	Cup	cuvette	Schale	capa	cubeta
49	1314773	1	Cup	cuvette	Schale	capa	cubeta
50	1314774	1	Cone	cône	Kegel	cone	cono
51	206770	1	Stud	goujon	Stift	prisioneiro	espárrago
52	4E000008	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
53	2D000008	5	Nut	écrou	Mutter	porca	tuerca
54	13F000024	1	Plug	bouchon	Stopfen	bujão	tapón
55	17C000724	2	Bolt	boulon	Bolzen	parafuso	bulón
56	4E000007	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
57	1C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
58	233194	1	Cover	couvercle	Deckel	tampa	tapa
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	25K041000	1	O-ring	joint torique	O Ring	anel-O	anillo-O
63	231283	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
64	±231284	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
65	231285	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
66	§-----	1	Pinion	ignon	Ritzel	pinhão	pion
67	225844	1	Roller	galet	Rolle	rolete	rodillo
68	233302	1	Hub	moyeu	Nabe	cubo	cubo
69	§-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
70	232362	1	Cone	cône	Kegel	cone	cono
71	25K040428	2	O-ring	joint torique	O Ring	anel-O	anillo-O
72	230851	1	Lock	serrure	Schloss	fechadura	cerradura
73	232349	1	Sprag	bras dancrage	Bremsklotz	calço	calzo
74	±231274	-	Shim .004	cale-0,10MM	Beilage-0,10MM	calço-0,10MM	planchita-0,10MM
75	±231275	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
76	±231276	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
77	±232715	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
78	223222	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
79	232351	1	Sprag assy	ass de bras danc	Bremsklotzeinheit	conj de calços	conjunto del calzo
80	233850	1	Retainer	arrêtoir	Halterung	retentor	retén
81	232350	1	Race	course	Lauftring	canaleta	via
82	232355	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
83	232356	1	Bearing race	gorge roulement	Kugellagerlauftring	pista rolamento	pista radmiendo
84	232160	1	Hub	moyeu	Nabe	cubo	cubo
85	66D000020	1	Nut	écrou	Mutter	porca	tuerca
86	232357	1	Housing	botier	Gehuse	carcaça	carcasa
87	232159	1	Disc	disque	Scheibe	disco	dísc
88	217420	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
89	232157	1	Piston	piston	Kolben	pistão	pistón
90	25K040500	2	O-ring	joint torique	O Ring	anel-O	anillo-O
91	211853	1	Pin	goupille	Stift	pino	pasador
92	232158	1	Cover	couvercle	Deckel	tampa	tapa
93	1C000864	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

1 41 teeth
1 41 dents
1 41 Zähne
1 41 dentes
1 41 dientes

2 67 teeth
2 67 dents
2 67 Zähne
2 67 dentes
2 67 dientes

3 Inc 44, 66 & 68

4 Inc 1 → 93 Ref A6 23000

5 Teflon

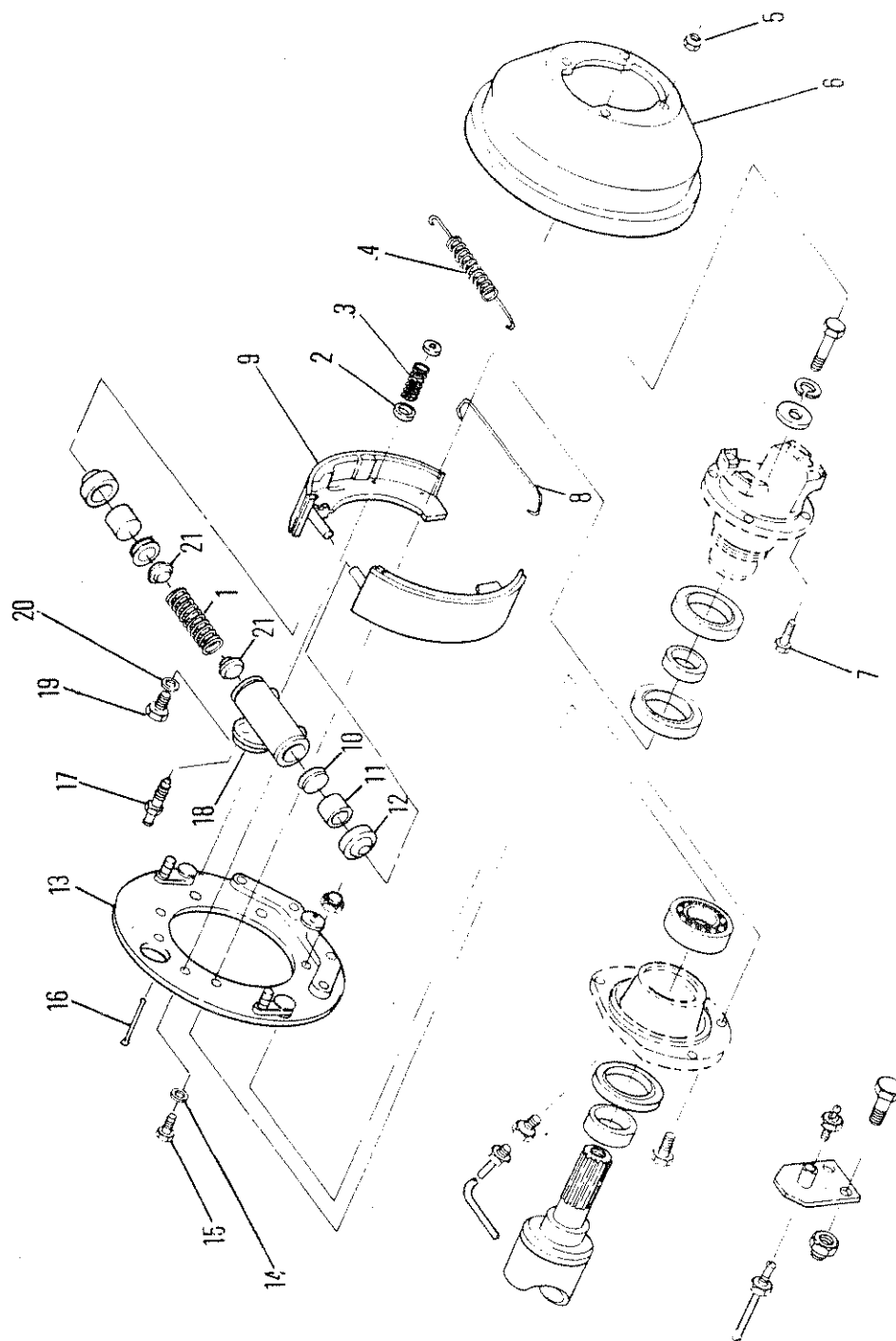
6 Inc 13A

664GM
664GMGR

514E-655,659,661,662-CAC
508C-101-CAC → 508C-9999-CAC

514E-664-CAC → 674&676-CAC

514F-101-CAC → 514H-9999-CAC



SERVICE BRAKE - DRUM
FREIN PRIMAIRE - TAMBOUR
DIENSTBREMSE - TROMMEL
FREIO MANUTENÇÃO - TAMBOR
FRENO SERVICIO - TAMBOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1900020	1	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
B	² 1990119	1	Wheel cyl assy	ens cylindre de roue	Radzylinder-Bausatz	do cilindro da roda conj	cilindro rueda conj
C	³ 1990132	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
D	⁴ 1990127	1	Rattle kit	ensemble de bruit	Klappersatz	chocalho	conj traq
1	871782	1	Spring	ressort	Feder	mola	resorte
2	1990129	4	Retainer	arrêtoir	Halterung	retentor	retén
3	1990128	2	Spring	ressort	Feder	mola	resorte
4	1990120	1	Spring return	ressort de rappel	Federrückst	devolução mola	retorno a resorte
5	18D000008	4	Nut	écrou	Mutter	porca	tuerca
6	1900019	1	Drum brake	tambour frein	Trommel Brems	tambor freio	tambor freno
7	18C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
8	1990122	1	Spring	ressort	Feder	mola	resorte
9	1990195	2	Lining	garniture	Belag	lona	cinta
10	⁵ S-----	2	Cup	cuvette	Schale	capa	cubeta
11	874125	2	Piston	piston	Kolben	pistão	pistón
12	⁵ S-----	2	Boot	capuchon	Kappe	capuz	capuchón
13	1990117	1	Backing plate	plaque de renfort	Stützplatte	placa de apoio	chapa soporte
14	4E0000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
15	1C0000614	2	Bolt	boulon	Bolzen	parafuso	bulón
16	1990130	2	Rod	tige	Stange	varão	varilla
17	861356	1	Screw	vis	Schraube	parafuso	tornillo
18	⁶ S-----	1	Housing	botier	Gehuse	carcaça	carcasa
19	699005	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
20	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
21	1990131	2	Filler	remplisseur	Füller	enchedor	gollete

¹ Inc 1→4, 8→21

² Inc 10→12, 1,17→21

³ Inc 10 & 12

⁴ Inc 2,3 & 16

⁵ See C

⁵ Voir C

⁵ Siehe C

⁵ Veja C

⁵ Véase C

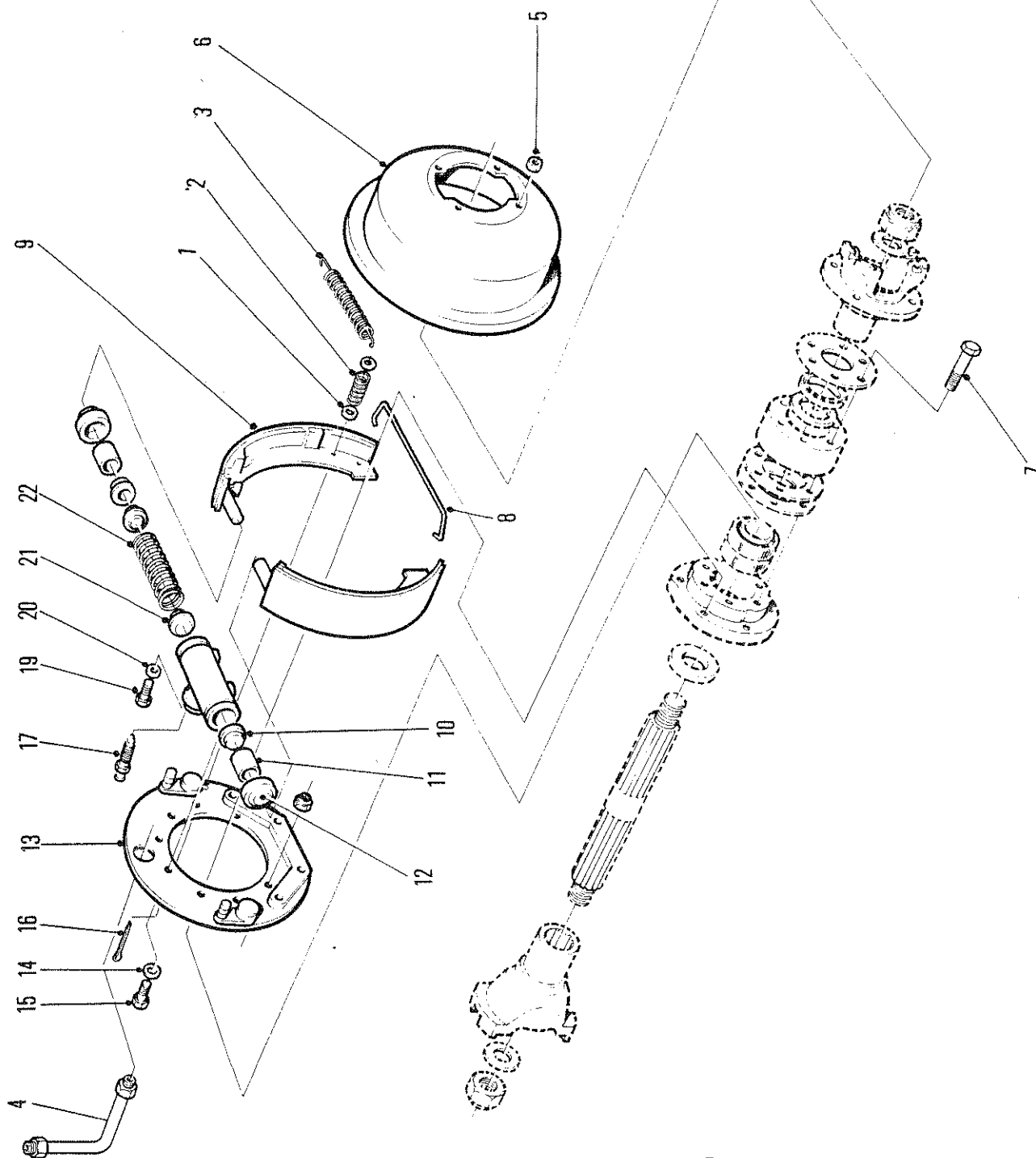
⁶ See A

⁶ Voir A

⁶ Siehe A

⁶ Veja A

⁶ Véase A



SERVICE BRAKE - DRUM ☒
FREIN PRIMAIRE - TAMBOUR ☒
DIENSTBREMSE - TROMMEL ☒
FREIO MANUTENÇÃO - TAMBOR ☒
FRENO SERVICIO - TAMBOR ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1900020	1	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
B	² 1990119	1	Wheel cyl assy	ens cylindre de roue	Radzylinder-Bausatz	do cilindro da roda conj	cilindro rueda conj
C	³ 887578	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
D	⁴ 1990127	1	Rattle kit	ensemble de bruit	Klappersatz	chocalho	conj traq
1	1990129	4	Retainer	arrêtoir	Halterung	retentor	retén
2	1990128	2	Spring	ressort	Feder	mola	resorte
3	1990120	1	Spring return	ressort de rappel	Federrückst	devolução mola	retorno a resorte
4	1927531	1	Tube	tube	Rohr	tubo	tubo
5	18D000008	4	Nut	écrou	Mutter	porca	tuerca
6	1900019	1	Drum brake	tambour frein	Trommel Brems	tambor freio	tambor freno
7	18C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
8	1990122	1	Spring	ressort	Feder	mola	resorte
9	1990195	2	Lining	garniture	Belag	lona	cinta
10	⁵ §-----	2	Cup	cuvette	Schale	capa	cubeta
11	874125	2	Piston	piston	Kolben	pistão	pistón
12	⁵ §-----	2	Boot	capuchon	Kappe	capuz	capuchón
13	1990117	1	Backing plate	plaque de renfort	Stützplatte	placa de apoio	chapa soporte
14	4E0000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
15	1C0000614	2	Bolt	boulon	Bolzen	parafuso	bulón
16	1990130	2	Rod	tige	Stange	varão	varilla
17	861356	1	Screw	vis	Schraube	parafuso	tornillo
18	⁵ §-----	1	Housing	botier	Gehuse	carcaça	carcasa
19	699005	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
20	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
21	1990131	2	Filler	remplisseur	Füller	enchedor	gollete
22	871782	1	Spring	ressort	Feder	mola	resorte

¹ Inc 1→4 & 8→22

² Inc 10→12, 17→22

³ Inc 10 & 12

⁴ Inc 1, 2, & 16

⁵ See item B & C

⁵ Voir article B & C

⁵ Siehe Punkt B & C

⁵ Vea item B & C

⁵ Vea item B & C

⁶ See item A & B

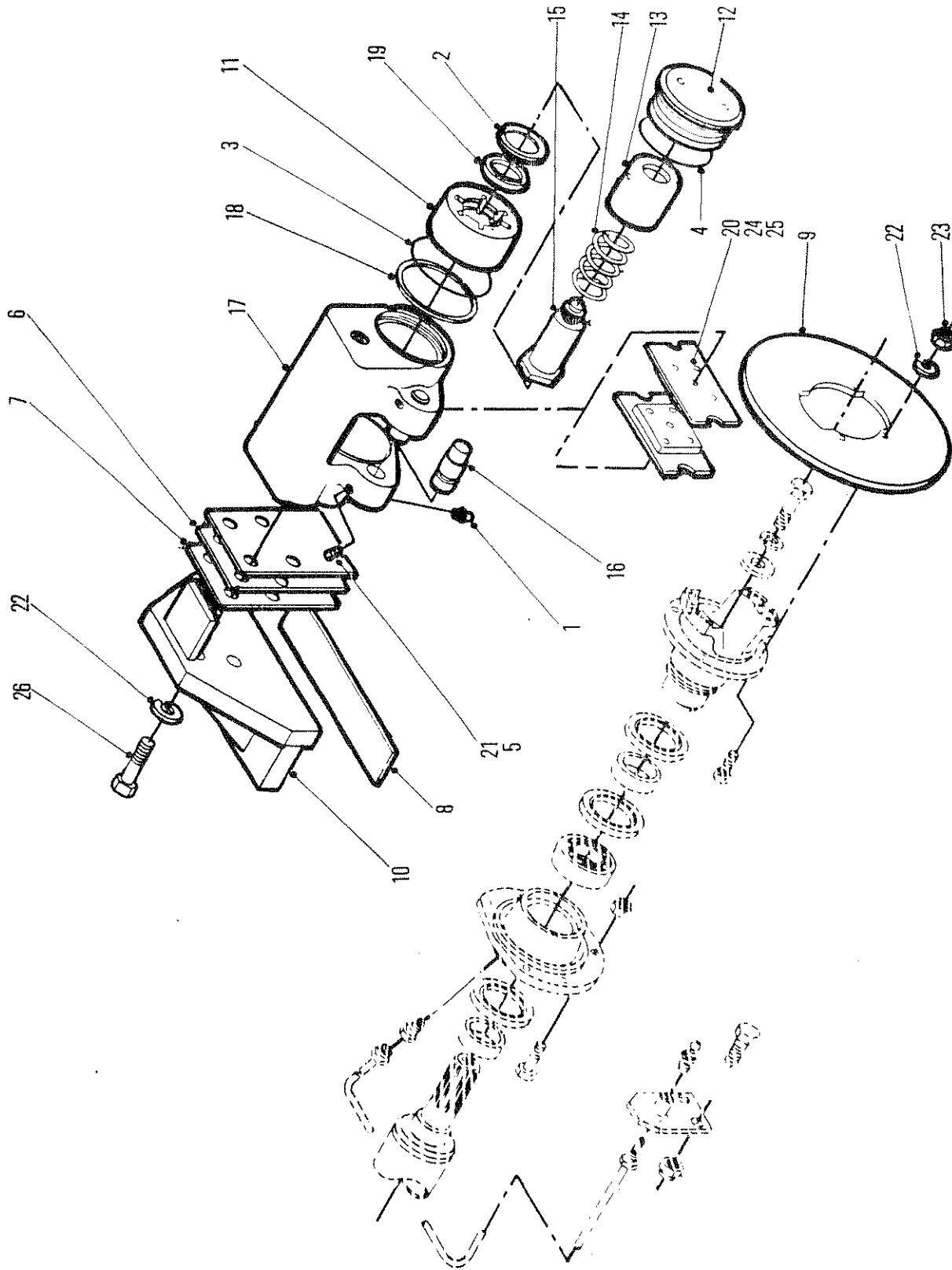
⁶ Voir article A & B

⁶ Siehe Punkt A & B

⁶ Vea item A & B

⁶ Vea item A & B

6064TP



SERVICE BRAKE - DISC
FREIN PRIMAIRE - DISQUE
DIENSTBREMSE - SCHEIBE
FREIO MANUTENÇÃO - DISCO
FRENO SERVICIO - DISCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1901442	1	Brakehead assy	étrier frein ens	Bremskopf vollst	cabeça freio conj	cabeza freno conj
1	641297	4	Bleeder	robinet de purge	Ablasshahn	torneira de purga	robinete de purga
2	666542	2	Ring	anneau	Ring	anel	anillo
3	1313426	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1313427	2	O-ring	joint torique	O Ring	anel-O	anillo-O
5	17D000004	4	Nut	écrou	Mutter	porca	tuerca
6	1901444	-	Shim	cale	Beilage	calço	planchita
7	1901445	-	Shim	cale	Beilage	calço	planchita
8	1901446	-	Shim	cale	Beilage	calço	planchita
9	1901575	1	Disc	disque	Scheibe	disco	disco
10	1908800	1	Mount	support	Befestigung	apoio	montura
11	1990233	2	Piston	piston	Kolben	pistão	pistón
12	1990234	2	Plug	bouchon	Stopfen	bujão	tapón
13	1990235	2	Guide	guide	Führungsstück	guia	guía
14	1990236	2	Spring	ressort	Feder	mola	resorte
15	1990237	2	Screw	vis	Schraube	parafuso	tornillo
16	1990238	2	Pin	goupille	Stift	pino	pasador
17	1990240	1	Housing	botier	Gehuse	carcaça	carcasa
18	1990241	2	Ring	anneau	Ring	anel	anillo
19	1990242	2	Collar	collier	Bund	colar	collar
20	1990633	2	Carrier	porteur	Trger	suporte	soporte
21	17C000416	4	Screw	vis	Schraube	parafuso	tornillo
22	24E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	39D000008	4	Nut	écrou	Mutter	porca	tuerca
24	3S-----	2	Lining	garniture	Belag	lona	cinta
25	3S-----	10	Rivet	rivet	Niet	rebite	remache
26	18C000828	4	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1→5,11→21

² Inc 24&25

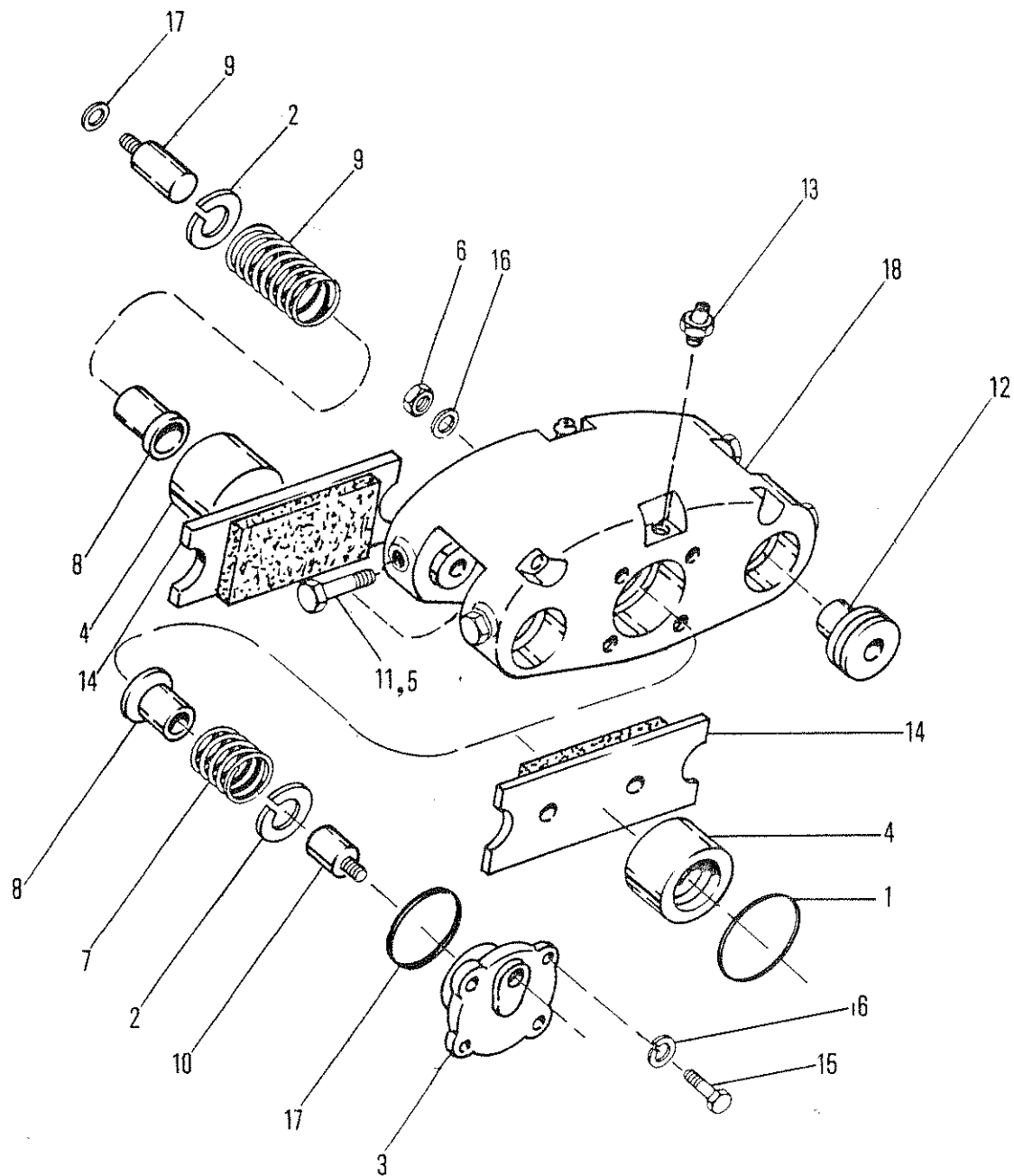
³ See 20

³ Voir 20

³ Siehe 20

³ Veja 20

³ Vease 20



5426TP

SERVICE BRAKE - CALIPER DISC
FREIN PRIMAIRE - DISQUE À COULISSE
DIENSTBREMSE - TASTERSCHEIBE
FREIO MANUTENÇÃO - CALIBRADOR DISCO
FRENO SERVICIO - CALIBRADOR DISCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1127107	1	Caliper head	tête à coulisse	Tasterkopf	cabeça do calibr	cab calibrador
B	840478	1	Packing kit	ens emballage	Verpackungssatz	conj de embalagem	conj empaq
1	³ S-----	1	Packing	garniture	Dichtung	gaxeta	empaquetadura
2	661415	2	Ring	anneau	Ring	anel	anillo
3	840473	1	Cap end	extrémité du chapeau	Kappenende	tampa do terminal	terminal de tapa
4	840474	2	Piston	piston	Kolben	pistão	pistón
5	961901	4	Bolt	boulon	Bolzen	parafuso	bulón
6	891069	1	Nut	écrou	Mutter	porca	tuerca
7	891071	2	Spring	ressort	Feder	mola	resorte
8	891072	2	Guide	guide	Führungsstück	guia	guía
9	891073	1	Adjuster	règleur	Einsteller	ajustador	regulador
10	946479	1	Guide	guide	Führungsstück	guia	guía
11	947930	4	Bolt	boulon	Bolzen	parafuso	bulón
12	947931	4	Pin	goupille	Stift	pino	pasador
13	960837	4	Bleed screw	vis de fuite	Lüftungsschraube	parafuso sangria	tornillo purga
14	1916685	2	Carrier	porteur	Trger	suporte	soporte
15	1C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
16	25E000017	5	Washer	rondelle	Scheibe	arruela	arandela
17	³ S-----	1	Packing	garniture	Dichtung	gaxeta	empaquetadura
18	⁴ S-----	1	Housing	botier	Gehuse	carcaça	carcasa

¹ Inc 1 → 18

² Inc 1 & 17

³ See item 5

³ Voir article 5

³ Siehe Punkt 5

³ Vea item 5

³ Vea item 5

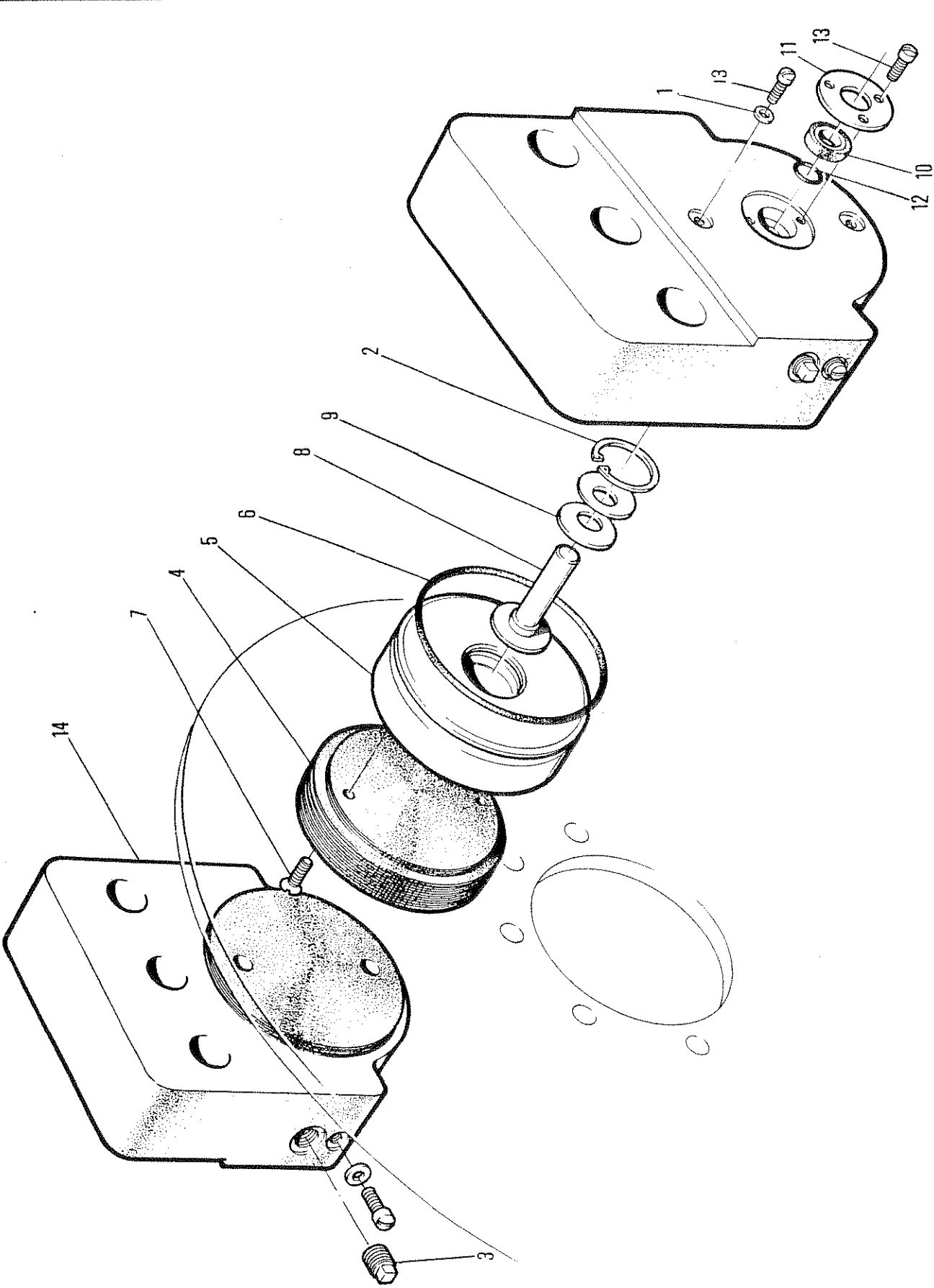
⁴ See item 1

⁴ Voir article 1

⁴ Siehe Punkt 1

⁴ Vea item 1

⁴ Vea item 1



5427TP

SERVICE BRAKE - DISC
FREIN PRIMAIRE - DISQUE
DIENSTBREMSE - SCHEIBE
FREIO MANUTENÇÃO - DISCO
FRENO SERVICIO - DISCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927693	1	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
1	875170	8	Washer	rondelle	Scheibe	arruela	arandela
2	954597	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
3	208805	2	Screw	vis	Schraube	parafuso	tornillo
4	1991210	2	Lining	garniture	Belag	lona	cinta
5	1991321	2	Piston	piston	Kolben	pistão	pistón
6	1991322	2	O-ring	joint torique	O Ring	anel-O	anillo-O
7	1991323	4	Screw	vis	Schraube	parafuso	tornillo
8	1991324	2	Pin	goupille	Stift	pino	pasador
9	1991325	4	Spring	ressort	Feder	mola	resorte
10	1991326	2	Grip	poignée	Griff	punho	mango
11	1991327	2	Plate	plaque	Platte	placa	placa
12	25K020012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
13	42G001004	14	Screw	vis	Schraube	parafuso	tornillo
14	2S-----	-	Housing	botier	Gehuse	carcaça	carcasa

¹ Inc 1, 2 & 4 → 14

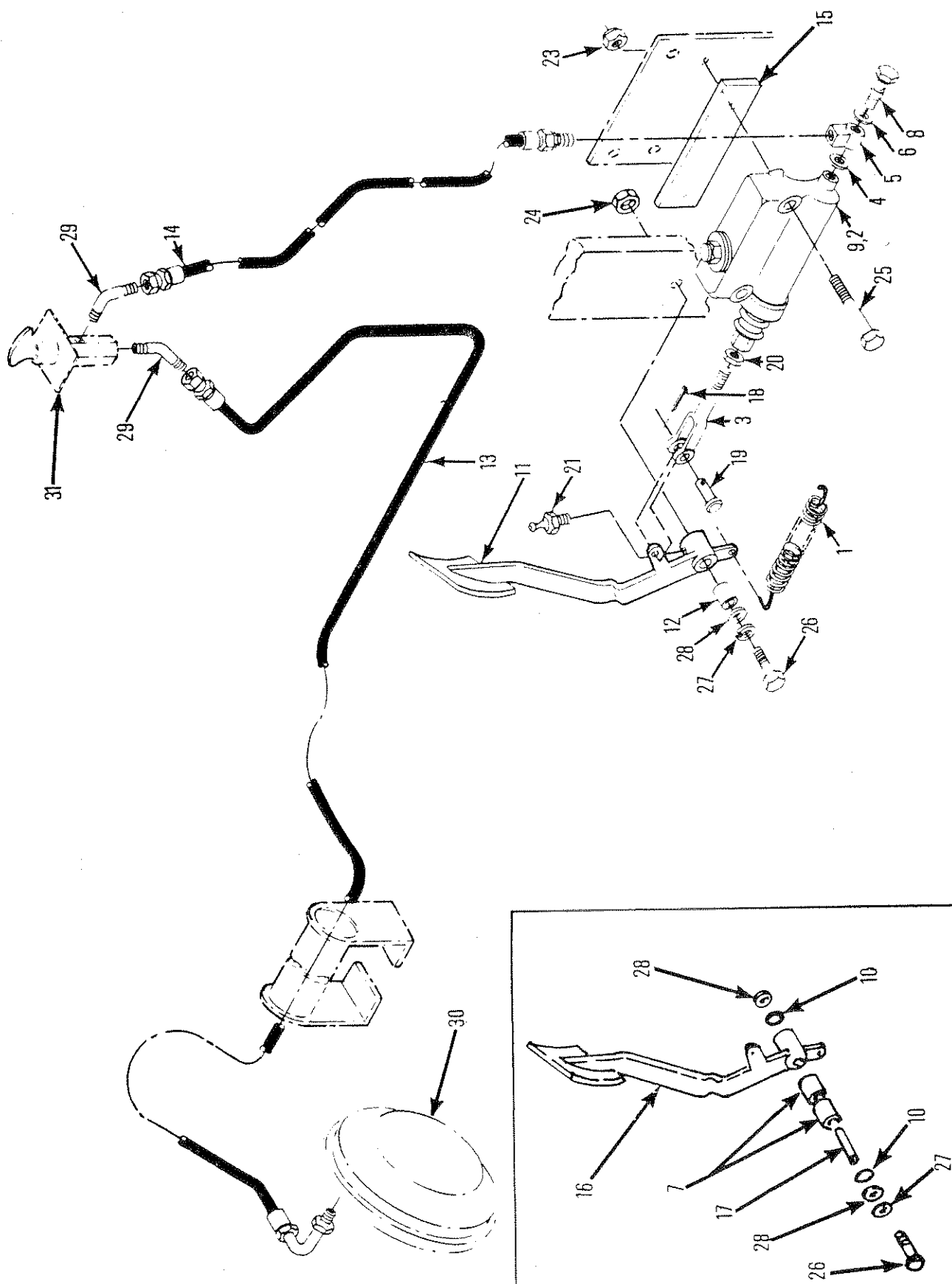
² See item A

² Voir article A

² Siehe Punkt A

² Vea item A

² Vea item A



SERVICE BRAKE CONTROLS - DRUM
TAMBOR DE CONTÔLE DU FREIN DE SERVICE
KONTROLLTROMMEL DER STANDARBREMSE
TAMBOR DE CONTROLES DE FREIO DE SERVIÇO
TAMBOR DE CONTROLS DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	550301	1	Spring	ressort	Feder	mola	resorte
2	550401	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
3	552377	1	Clevis	étrier	Schkel	garfo	horquilla
4	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	675227	2	Bearing	palier	Lager	mancal	cojinete
8	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
9	868586	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
10	1522535	2	Wiper ring	anneau de came	Wischerring	anillo limpador	anillo restregador
11	1900083	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
12	1900710	1	Sleeve	manchon	Muffe	luva	manguito
13	1902050	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1902051	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1902617	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
16	1916442	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
17	1916718	1	Sleeve	manchon	Muffe	luva	manguito
18	1F0000412	1	Pin	goupille	Stift	pino	pasador
19	4F0008127	1	Pin	goupille	Stift	pino	pasador
20	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
21	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
22	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
23	18D000006	2	Nut	écrou	Mutter	porca	tuerca
24	18D000010	1	Nut	écrou	Mutter	porca	tuerca
25	18C000656	2	Bolt mounting	montage des boulons	Bolzenbefestigung	paraf de montagem	tornilla de montaje
26	18C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
27	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	25E000026	2	Washer	rondelle	Scheibe	arruela	arandela
29	84F000003	2	Elbow	coude	Winkelrohr	cotovêlo	codo
30	0-----	1	Brake	frein	Bremse	freio	freno
31	20-----	1	Valve	soupape	Ventil	válvula	válvula
32	1860205	1	Filler cap	bouchon de remplis	Fülldeckel	tampa de abastesc	tapa de llenadao

¹ Service with pedal 1916442 as per corner illustration

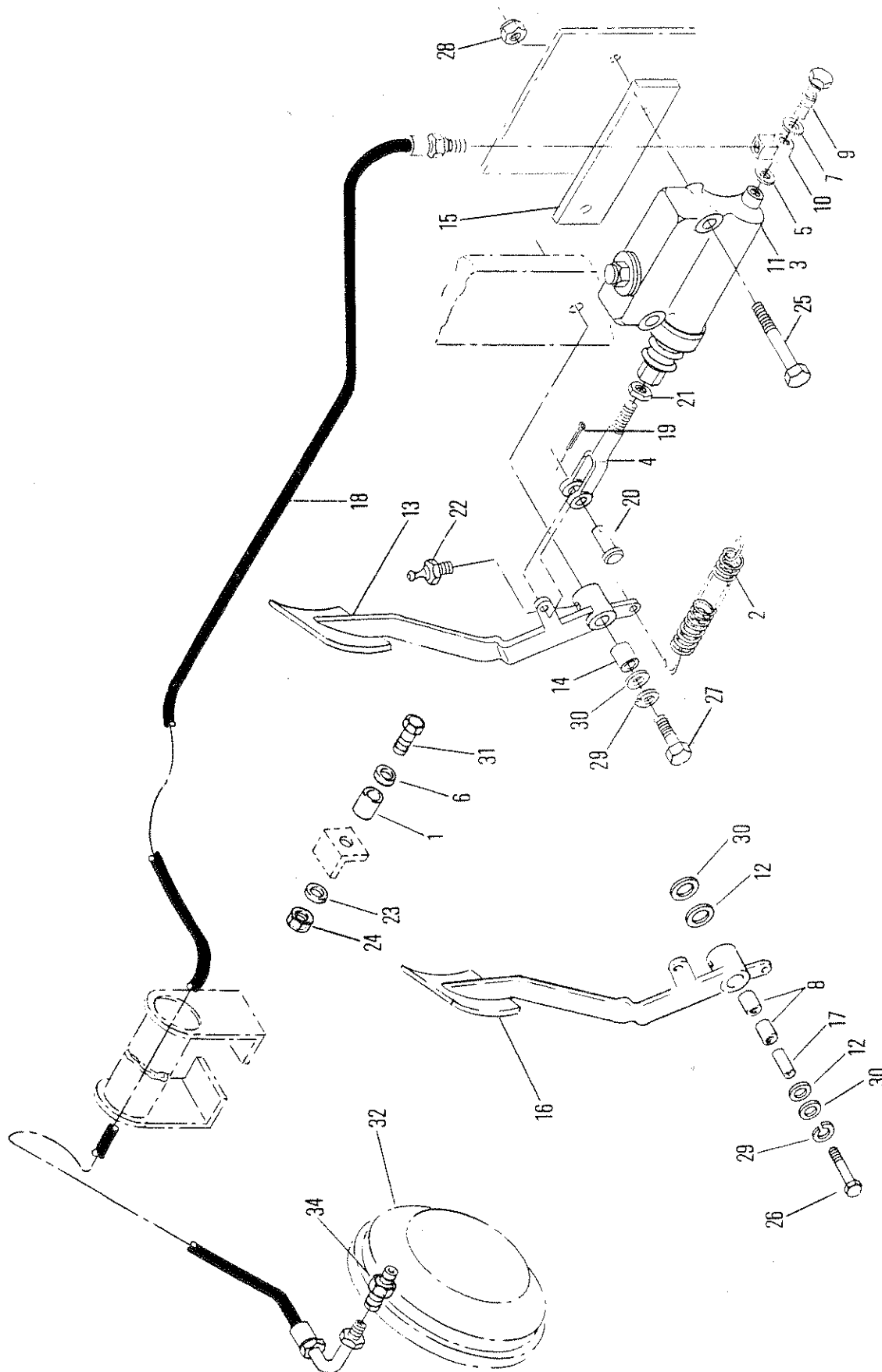
¹ Réparer avec la pédale 1916442 comme l'indique la figure sur le coin

¹ Mit Pedal 1916442 gemäß Eckabbildung warten

¹ Prestar manutenção com pedal 1916442 conforme a ilustração do conto da página

¹ Mantener con pedal 1916442 según ilustración de la esquina

² Ref B4 10020 & B4 10040



SERVICE BRAKE CONTROLS - DRUM
TAMBOR DE CONTÔLE DU FREIN DE SERVICE
KONTROLLTROMMEL DER STANDARBREMSE
TAMBOR DE CONTROLES DE FREIO DE SERVIÇO
TAMBOR DE CONTROLS DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfinger	batente	tope
2	550301	1	Spring	ressort	Feder	mola	resorte
3	550401	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
4	552377	1	Clevis	étrier	Schkel	garlo	horquilla
5	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	616775	1	Washer	rondelle	Scheibe	arruela	arandela
7	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	675227	2	Bearing	palier	Lager	mancal	cojinete
9	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
10	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
11	868586	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
12	1522535	2	Wiper ring	anneau de came	Wischerring	anillo limpador	anillo restregador
13	1900083	1	Pedal brake	pédale frein	Pedal Brems	pedal freio	pedal freno
14	1900710	1	Sleeve	manchon	Muffe	luva	manguito
15	1902617	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
16	1916442	1	Pedal brake	pédale frein	Pedal Brems	pedal freio	pedal freno
17	1916718	1	Sleeve	manchon	Muffe	luva	manguito
18	1916850	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1F0000412	1	Pin	goupille	Stift	pino	pasador
20	4F0008127	1	Pin	goupille	Stift	pino	pasador
21	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
22	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	13E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	14D000010	1	Nut	écrou	Mutter	porca	tuerca
25	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
26	18D000006	2	Nut	écrou	Mutter	porca	tuerca
27	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
28	18C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
29	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	25E000026	1	Washer	rondelle	Scheibe	arruela	arandela
31	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
32	2-----	1	Brake	frein	Bremse	freio	freno
33	†860205	1	Filler cap	bouchon de remplis	Fülldeckel	tampa de abastesc	tapa de llenado
34	15K000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Service with pedal 1916442 as per corner illustration

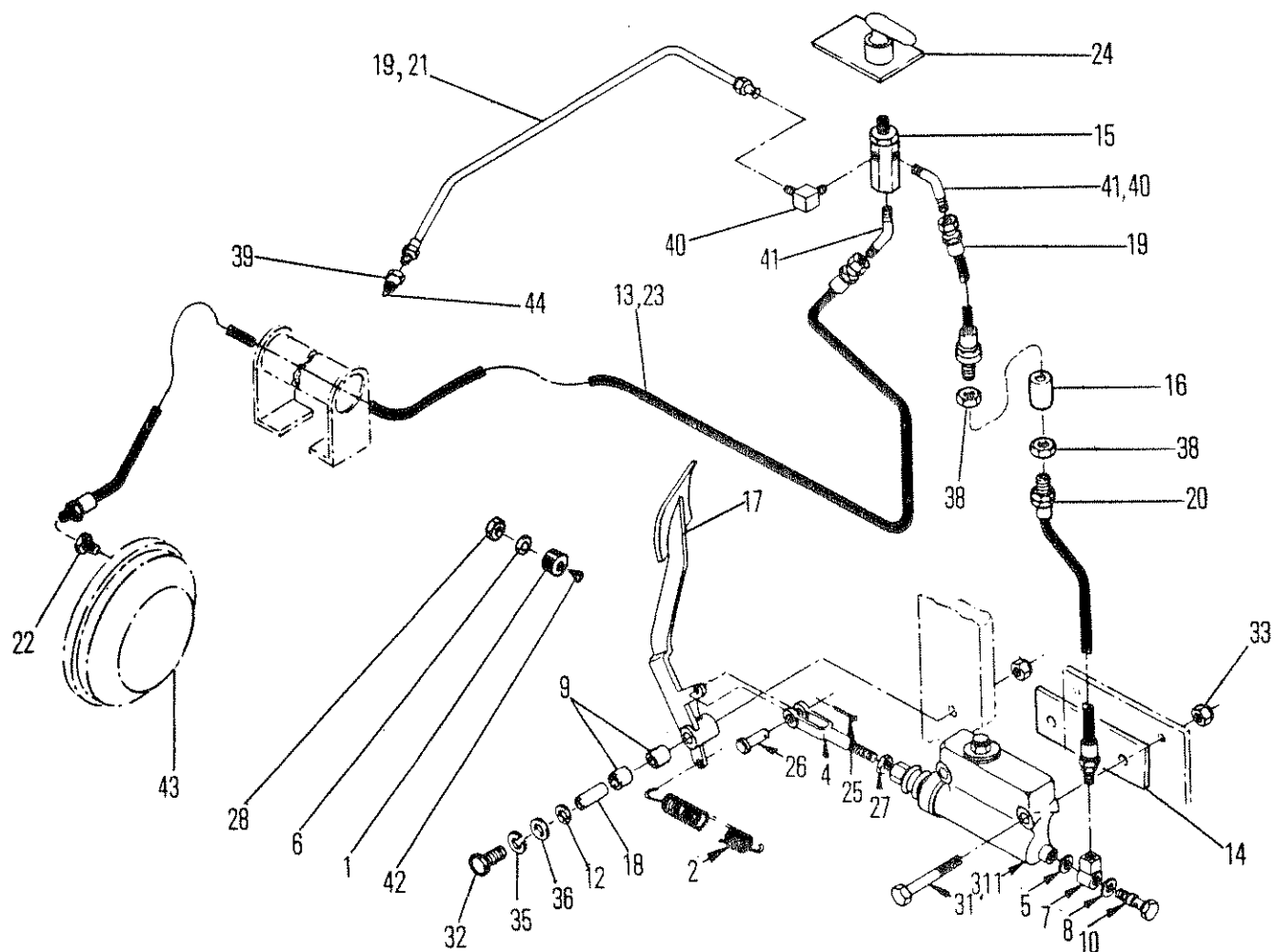
¹ Réparer avec la pédale 1916442 comme l'indique la figure sur le coin

¹ Mit Pedal 1916442 gemäß Eckabbildung warten

¹ Prestar manutenção com pedal 1916442 conforme a ilustração do conto da página

¹ Mantener con pedal 1916442 según ilustración de la esquina

² Ref A7 10000



5437TP

SERVICE BRAKE CONTROLS - DRUM
TAMBORE DE CONTRÔLE DU FREIN DE SERVICE
KONTROLLTROMMEL DER STANDARBREMSE
TAMBORE DE CONTROLES DE FREIO DE SERVIÇO
TAMBORE DE CONTROLS DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfänger	batente	tope
2	550301	1	Spring	ressort	Feder	mola	resorte
3	550401	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
4	552377	1	Clevis	étrier	Schkel	garfo	horquilla
5	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	616775	1	Washer	rondelle	Scheibe	arruela	arandela
7	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
8	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
9	675227	2	Bearing	palier	Lager	mancal	cojinete
10	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
11	868586	1	Repair kit	trousse de réparation	Reparatursatz	conjunto de reparo	juego de reparación
12	1522535	2	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
13	1902050	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1902617	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
15	1904639	1	Lock valve	soup de sécurité	Sichereitsventil	válvula de trava	vélvula de seguridad
16	1913645	1	Junction box	bote de jonction	Anschlussdose	caixa de junção	caja de uniones
17	1916442	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
18	1916718	1	Sleeve	manchon	Muffe	luva	manguito
19	1917198	1	Tube	tube	Rohr	tubo	tubo
20	1917199	1	Tube	tube	Rohr	tubo	tubo
21	1919062	1	Tube	tube	Rohr	tubo	tubo
22	1921908	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	1921909	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	1990604	1	Cam lever	levier came	Nockenhebel	alavanca came	palanca leva
25	1F0000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
26	4F0008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
27	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
28	14D000010	1	Nut	écrou	Mutter	porca	tuerca
29	15K000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
30	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
31	18D000006	2	Nut	écrou	Mutter	porca	tuerca
32	1923E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
34	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
35	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	25E000026	2	Washer	rondelle	Scheibe	arruela	arandela
37	1930H000016	1	Clip	attache	Schelle	braçadeira	abrazadera
38	59F000003	2	Fitting	ajustage	Verbindung	ajuste	accesorio
39	160F000003	1	Connector	raccord	Verbindungsstück	ligador	conector
40	162F000003	2	Elbow	coudé	Winkelrohr	cotovêlo	codo
41	84F000003	2	Elbow	coudé	Winkelrohr	cotovêlo	codo
42	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
43	○-----	1	Brake	frein	Bremse	freio	freno
44	1S-----	1	Bleeder	robinet de purge	Ablasshahn	torneira de purga	robinete de purga
45	1860205	1	Filler cap	bouchon de remplis	Fülldeckel	tampa de abastesc	tapa de llenadao

¹ Used on 508B-641-CAC→, 514F-2371-CAC→, 513F-1404-CAC, 500F-1201-CAC except 500F-1205 & 1206-CAC, for installation on machines prior to above S/N break refer to R.S.G. 167

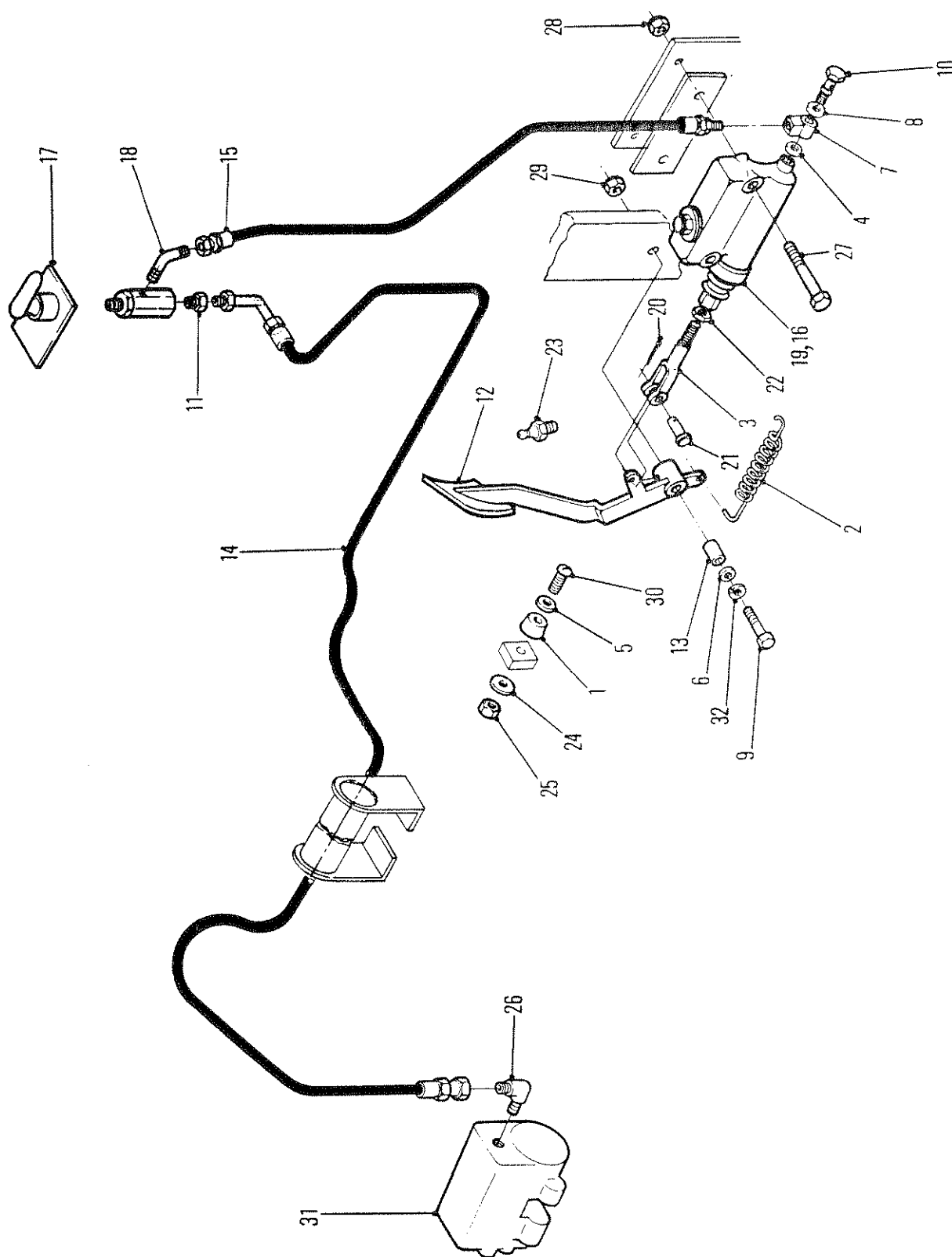
¹ Utilisé sur les 508B-641-CAC→, 514F-2371-CAC→, 513F-1404-CAC, 500F-1201-CAC, à l'exception des 500F-1205 & 1206-CAC, pour l'installation sur les machines précédant la coupure des numéros de série ci dessus Se référer au R.S.G. 167

¹ Wird für 508B-641-CAC→, 514F-2371-CAC→, 513F-1404-CAC, 500F-1201-CAC ausser 500F-1205 & 1206-CAC zum Einbau in Maschinen vor der Seriennummeränderung benutzt Ref. R.S.G. 167

¹ Usados com 508B-641-CAC→, 514F-2371-CAC→, 513F-1404-CAC, 500F-1201-CAC com exceção do canto de 500F-1205 & 1206-CAC, para instalação em máquinas precedendo a mudança do número de série. Ref. a R.S.G. 167

¹ Usar con 508B-641-CAC→, 514F-2371-CAC→, 513F-1404-CAC, 500F-1201-CAC excepto 500F-1205 & 1206-CAC, para instalación en máquinas anteriores al cambio del no. serie. Ref. R.S.G. 167

² 666 GR



SERVICE BRAKE CONTROLS - DISC
DISC DE CONTRÔLES DU FREIN DE SERVICE
KONTROLLSCHEIBE DER STANDBREMSE
DISCO DE CONTROLE DE FREIO DE SERVIÇO
DISCO DE CONTROL DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfinger	batente	tope
2	550301	1	Spring	ressort	Feder	mola	resorte
3	552377	1	Clevis	étrier	Schkef	garfo	horquilla
4	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	616775	1	Washer	rondelle	Scheibe	arruela	arandela
6	619032	1	Washer	rondelle	Scheibe	arruela	arandela
7	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
8	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
9	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
10	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
11	59F000003	1	Connector	raccord	Verbindungsstück	ligador	conector
12	1900083	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
13	1900710	1	Sleeve	manchon	Muffe	luva	manguito
14	1902050	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1902051	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1902106	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
17	20-----	1	Valve	soupape	Ventil	válvula	válvula
18	84F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
19	1916765	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
20	1F000412	1	Pin	goupille	Stift	pino	pasador
21	4F008127	1	Pin	goupille	Stift	pino	pasador
22	8D000007	1	Nut	écrou	Mutter	porca	tuerca
23	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
24	13E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	14D000010	1	Nut	écrou	Mutter	porca	tuerca
26	17K000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
27	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
28	18D000006	2	Nut	écrou	Mutter	porca	tuerca
29	18D000010	1	Nut	écrou	Mutter	porca	tuerca
30	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
31	0-----	1	Brake	frein	Bremse	freio	freno
32	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Service with pedal 1916442 as per corner illustration

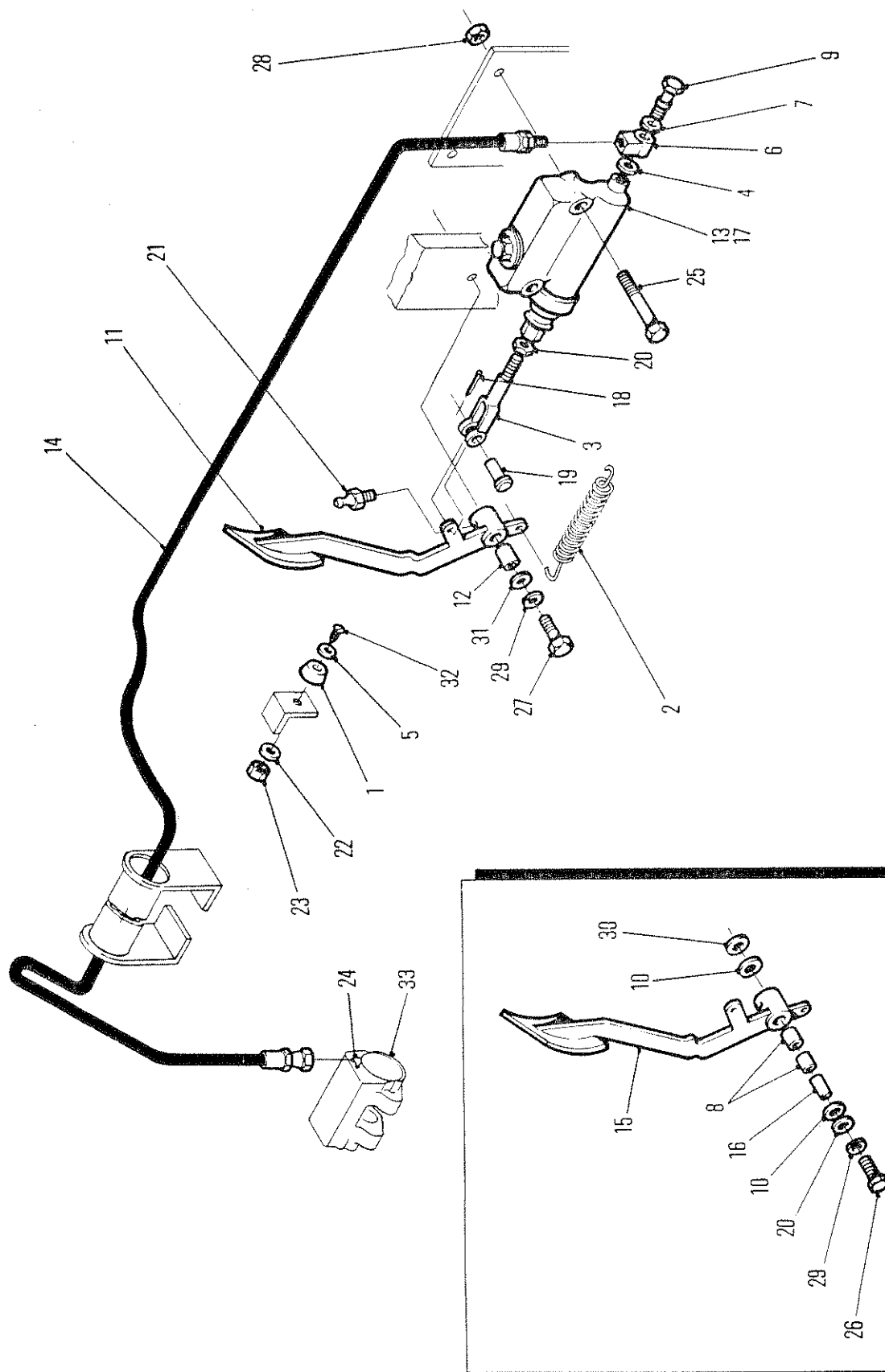
¹ Réparer avec la pédale 1916442 comme l'indique la figure sur le coin

¹ Mit Pedal 1916442 gemäß Eckabbildung warten

¹ Prestar nanuten²o com pedal 1916442 conforme a ilustra²o do conto da página

¹ Mantener con pedal 1916442 segun ilustración de la esquina

² See Group B4 10040, B4 10130 & B4 10140



SERVICE BRAKE CONTROLS - DISC
DISC DE CONTRÔLES DU FREIN DE SERVICE
KONTROLLSCHEIBE DER STANDBREMSE
DISCO DE CONTROLE DE FREIO DE SERVIÇO
DISCO DE CONTROL DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfinger	batente	tope
2	550301	1	Spring	ressort	Feder	moia	resorte
3	552377	1	Clevis	étrier	Schkel	garfo	horquilla
4	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	616775	1	Washer	rondelle	Scheibe	arruela	arandela
6	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
7	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	675227	1	Bearing	palier	Lager	mancal	cojinete
9	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
10	1522535	2	Wiper ring	anneau de came	Wischerring	anelo limpador	anillo restregador
11	1900083	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
12	1900710	1	Sleeve	manchon	Muffe	luva	manguito
13	1902106	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
14	1911801	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1916442	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
16	1916718	1	Sleeve	manchon	Muffe	luva	manguito
17	1916765	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
18	1F0000412	1	Pin	goupille	Stift	pino	pasador
19	4F0008127	1	Pin	goupille	Stift	pino	pasador
20	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
21	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
22	13F000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	14D000010	1	Nut	écrou	Mutter	porca	tuerca
24	17K000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
26	18D000006	2	Nut	écrou	Mutter	porca	tuerca
27	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
28	18C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
29	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	25E000026	2	Washer	rondelle	Scheibe	arruela	arandela
31	25E000027	1	Washer	rondelle	Scheibe	arruela	arandela
32	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
33	3-----	1	Brake	frein	Bremse	freio	freno

¹ Service with pedal 1916442 as per corner illustration

¹ Réparer avec la pédale 1916442 comme l'indique la figure sur le coin

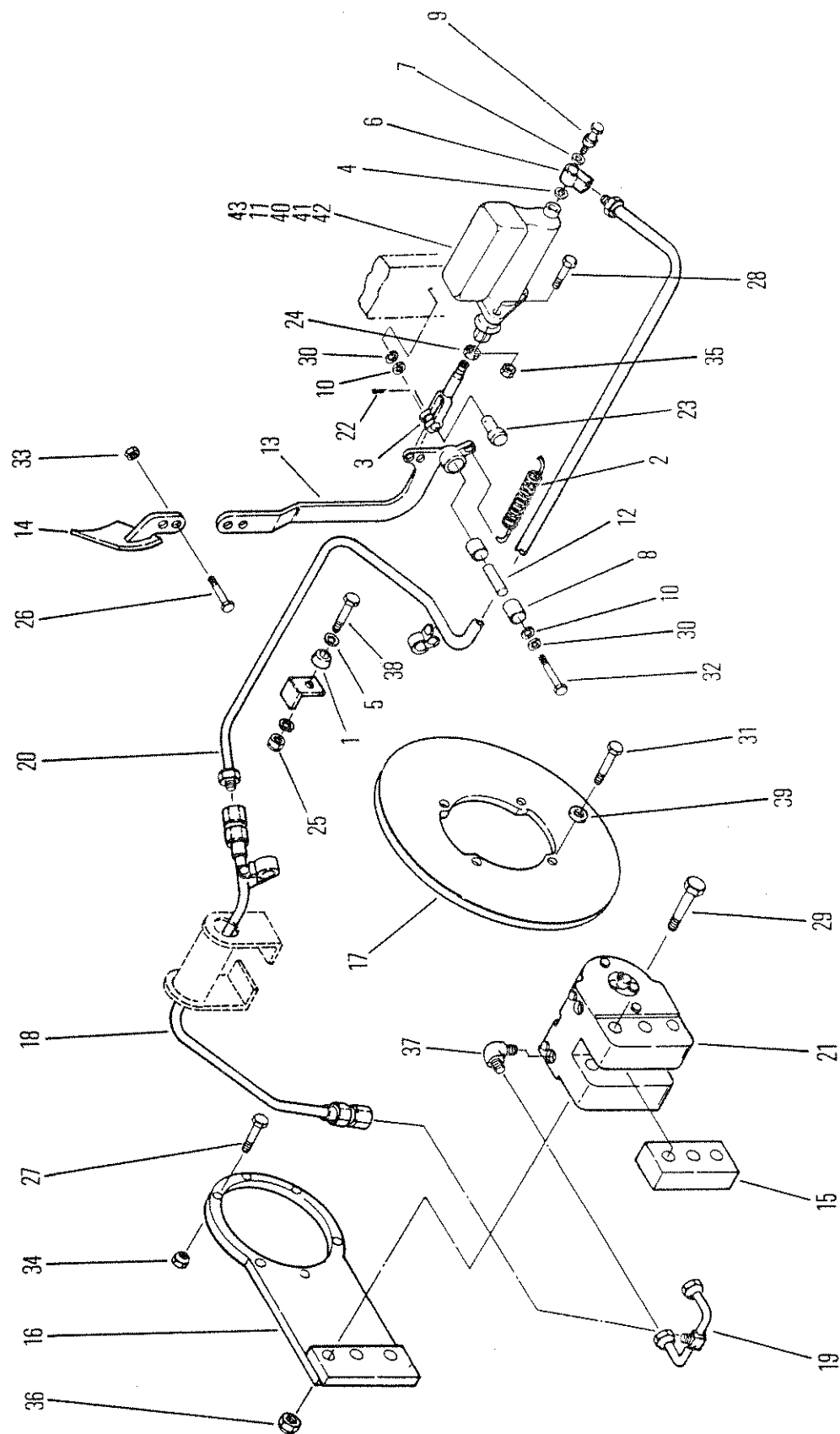
¹ Mit Pedal 1916442 gemäß Eckabbildung warten

¹ Prestar manutenção com pedal 1916442 conforme a ilustração do canto da página

¹ Mantener con pedal 1916442 según ilustración de la esquina

²  514E-1736-CAC &  508B-531-CAC & 

³ Ref A7 10000



6075TP

SERVICE BRAKE CONTROLS - DISC DISC DE CONTRÔLES DU FREIN DE SERVICE KONTROLLSCHEIBE DER STANDBREMSE DISCO DE CONTROLE DE FREIO DE SERVIÇO DISCO DE CONTROL DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfänger	batente	tope
2	550301	1	Spring	ressort	Feder	mola	resorte
3	1926869	1	Clevis	étrier	Schkel	garfo	horquilla
4	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	616775	1	Washer	rondelle	Scheibe	arruela	arandela
6	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
7	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	675227	2	Bearing	palier	Lager	mancal	cojinete
9	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
10	1522535	2	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
11	1926324	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
12	1916718	1	Sleeve	manchon	Muffe	luva	manguito
13	1919809	1	Brake arm	levier de frein	Bremsarm	braca de freio	brazo del freno
14	1919811	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
15	1920971	1	Spacer plate	plaque dentretoise	Abstandplatte	chapa espacadora	placa espdora
16	1920974	1	Mounting plate	plaque de fixation	Befestigungsplatte	placa de fixação	placa de montage
17	1920975	1	Brake disc	disque frein	Bremsscheibe	disco freio	disco freno
18	1924485	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1924246	1	Brake tube	tube de frein	Bremsrohr	tubo de freio	tubo del freno
20	1926421	1	Tube	tube	Rohr	tubo	tubo
21	2-----	1	Hydraulic brake	frein hydraulique	Hydraulische bremse	freio hidraulico	freno hidraulico
22	1F0000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
23	4F0008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
24	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
25	14D000010	1	Nut	écrou	Mutter	porca	tuerca
26	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C000744	6	Bolt	boulon	Bolzen	parafuso	bulón
28	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
29	18C014128	3	Bolt	boulon	Bolzen	parafuso	bulón
30	27E000010	2	Washer	rondelle	Scheibe	arruela	arandela
31	34C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
32	33C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
33	59D000006	2	Nut	écrou	Mutter	porca	tuerca
34	59D000007	6	Nut	écrou	Mutter	porca	tuerca
35	60D000006	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
36	60D000014	3	Nut	écrou	Mutter	porca	tuerca
37	1319807	2	Fitting	ajustage	Verbindung	ajuste	accesorio
38	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
39	27E000008	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
40	11992210	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
41	11992113	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
42	11861692	1	Boot	capuchon	Kappe	capuz	capuchón
43	857944	1	Filler plug	bouchon de remplis	Füller Stopfen	bujão de abastesc	tapón de llenado

¹ Items 40, 41 & 42 to service master cylinder

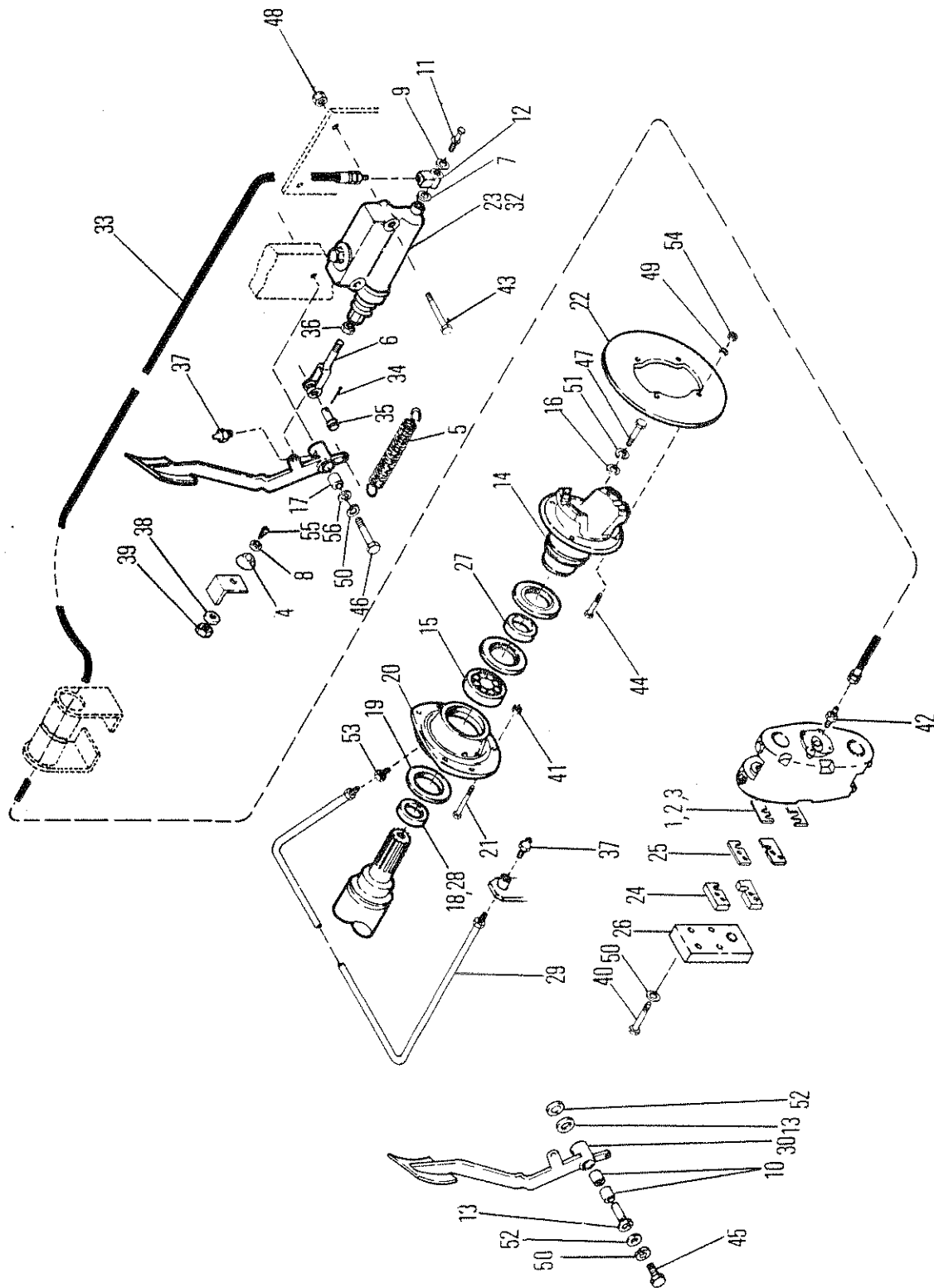
¹ Articles 40, 41 & 42 pour l'entretien du maître cylindre

¹ Artikel 40, 41 & 42 zur Bedienung des Hauptzylinders

¹ Os itens 40, 41 e 42 são para o serviço do cilindro mestre

¹ Los items 40, 41 y 42 son para el servicio del cilindro maestro

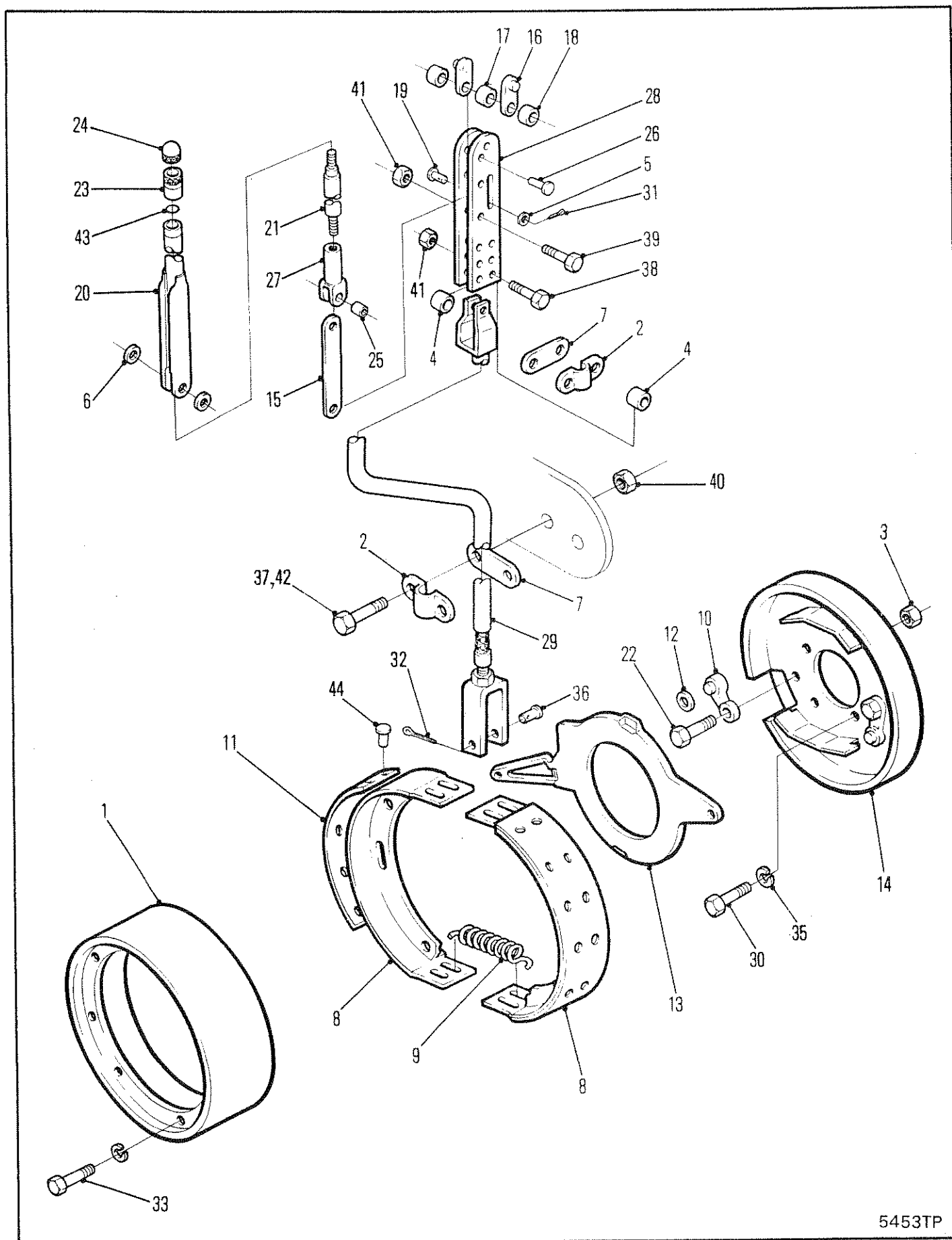
² Ref A7 10200



SERVICE BRAKE CONTROLS - DISC
DISC DE CONTRÔLES DU FREIN DE SERVICE
KONTROLLSCHEIBE DER STANDBREMSE
DISCO DE CONTROLE DE FREIO DE SERVIÇO
DISCO DE CONTROL DEL FRENO DE SERVICIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	†124482	-	Shim .010	cale-0,25MM	Beilage-0,25MM	calço-0,25MM	planchita-0,25MM
2	†124483	-	Shim .020	cale-0,51MM	Beilage-0,51MM	calço-0,51MM	planchita-0,51MM
3	†124484	-	Shim .030	cale 0,762MM	Beilage 0,762MM	calço 0,762MM	planchita 0,762MM
4	302568	1	Bumper	butoir	Stoßfnger	batente	tope
5	550301	1	Spring	ressort	Feder	mola	resorte
6	552377	1	Clevis	étrier	Schkel	garfo	horquilla
7	613750	1	Fitting	ajustage	Verbindung	ajuste	accesorio
8	616775	1	Washer	rondelle	Scheibe	arruela	arandela
9	620238	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	675227	2	Bearing	palier	Lager	mancal	cojinete
11	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
12	854915	1	Fitting	ajustage	Verbindung	ajuste	accesorio
13	1522535	2	Wiper ring	anneau de came	Wischerring	anillo limpador	anillo restregador
14	1900065	1	Flange	bride	Flansch	flange	brida
15	1900177	1	Bearing	palier	Lager	mancal	cojinete
16	1900338	1	Washer	rondelle	Scheibe	arruela	arandela
17	1900710	1	Sleeve	manchon	Muffe	luva	manguito
18	1901340	1	Collar	collier	Bund	colar	collar
19	1901398	3	Seal	joint étanchéité	Dichtung	vedador	sello
20	1901399	1	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
21	1901461	6	Bolt	boulon	Bolzen	parafuso	bulón
22	1901575	1	Brake disc	disque frein	Bremsscheibe	disco freio	disco freno
23	1902106	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
24	1909875	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
25	†1909876	2	Shim	cale	Beilage	calço	planchita
26	1909878	1	Block	bloc	Block	bloco	bloque
27	1913522	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
28	1913562	1	Collar	collier	Bund	colar	collar
29	1914817	1	Tube	tube	Rohr	tubo	tubo
30	†1916442	1	Brake pedal	pédale de frein	Bremspedal	pedal do freio	pedal del freno
31	1916718	1	Sleeve	manchon	Muffe	luva	manguito
32	1916765	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
33	1916841	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
34	1F0000412	1	Pin	goupille	Stift	pino	pasador
35	4F0008127	1	Pin	goupille	Stift	pino	pasador
36	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
37	10H0000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
38	13E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	14D000010	1	Nut	écrou	Mutter	porca	tuerca
40	17C001056	4	Bolt	boulon	Bolzen	parafuso	bulón
41	17D000004	6	Nut	écrou	Mutter	porca	tuerca
42	17K000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
43	18C000656	2	Bolt	boulon	Bolzen	parafuso	bulón
44	18C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
45	18C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
46	18C001072	1	Bolt	boulon	Bolzen	parafuso	bulón
47	18C001436	1	Bolt	boulon	Bolzen	parafuso	bulón
48	18D000006	2	Nut	écrou	Mutter	porca	tuerca
49	24E000008	4	Washer	rondelle	Scheibe	arruela	arandela
50	24E000010	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
51	24E000014	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
52	25E000026	3	Washer	rondelle	Scheibe	arruela	arandela
53	†59F000003	-	Fitting	ajustage	Verbindung	ajuste	accesorio
54	64D000008	4	Nut	écrou	Mutter	porca	tuerca
55	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
56	619032	1	Washer	rondelle	Scheibe	arruela	arandela

† 514E-1736-CAC&→, 508B-531-CAC&→



5453TP

PARKING BRAKE
FREIN DE STATIONNEMENT
STANDBREMSE
FREIO DE ESTACIONAMENTO
FRENO DE ESTACIONAMIENTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	544998	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
1	215160	1	Drum	tambour	Trommel	tambor	tambor
2	544512	2	Clamp	pince	Schelle	braçadeira	abrazadera
3	43D000006	2	Nut	écrou	Mutter	porca	tuerca
4	545005	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	619019	1	Washer	rondelle	Scheibe	arruela	arandela
6	635373	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	645092	2	Link	articulation	Gelenk	articulação	articulación
8	801192	2	Lining kit	garniture trousse	Belagsatz	lona jogo	cinta juego
9	801193	1	Spring	ressort	Feder	mola	resorte
10	801213	2	Pawl kit	jeu cliquet	Sperrklinke Satz	jogo garra	juego trinquete
11	801214	2	Lining	garniture	Belag	lona	cinta
12	801215	1	Roller	galet	Rolle	rolete	rodillo
13	801216	1	Lever	levier	Hebel	alavanca	palanca
14	801217	1	Plate assy	ens plaques	Platte vollst	conj placa	conj placa
15	862652	1	Link	articulation	Gelenk	articulação	articulación
16	862653	2	Bracket	support	Winkel	grampo	grampa
17	862655	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
18	862656	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	862738	1	Pin	goupille	Stift	pino	pasador
20	866348	1	Body	carrosserie	Karosserie	carroçria	carrocería
21	866349	1	Screw	vis	Schraube	parafuso	tornillo
22	886718	2	Bolt	boulon	Bolzen	parafuso	bulón
23	941226	1	Base	base	Untergestell	base	base
24	941227	1	Cap	chapeau	Kappe	tampa	tapa
25	941238	1	Pin	goupille	Stift	pino	pasador
26	944054	1	Rivet	rivet	Niet	rebite	remache
27	944968	1	Clevis	étrier	Schkel	garfo	horquilla
28	944969	2	Bracket	support	Winkel	grampo	grampa
29	1914240	1	Cable	câble	Kabel	cabo	cable
30	1C000916	4	Bolt	boulon	Bolzen	parafuso	bulón
31	1F000312	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
32	1F000316	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
33	2C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
34	4E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	4E000009	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	4F006106	1	Pin	goupille	Stift	pino	pasador
37	17C000520	2	Bolt	boulon	Bolzen	parafuso	bulón
38	17C000528	2	Bolt	boulon	Bolzen	parafuso	bulón
39	17C000636	2	Bolt	boulon	Bolzen	parafuso	bulón
40	17D000002	2	Nut	écrou	Mutter	porca	tuerca
41	17D000003	3	Nut	écrou	Mutter	porca	tuerca
42	25E000017	4	Washer	rondelle	Scheibe	arruela	arandela
43	25K030112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
44	30H000504	20	Rivet	rivet	Niet	rebite	remache

¹ Inc 5,6,15→18,20,21,23→28,31,43

² 513E-101→485-CAC, 514E-101→645-CAC, 500E-101→460-CAC Ref. R.S.G.122 for cable replacement

² 513E-101→485-CAC, 514E-101→645-CAC, 500E-101→460-CAC. Se référer au R.S.G. 122 pour le remplacement du câble

² 513E-101→485-CAC, 514E-101→645-CAC, 500E-101→460-CAC verwendet. Ref. R.S.G. 122 wegen Seilaustausch

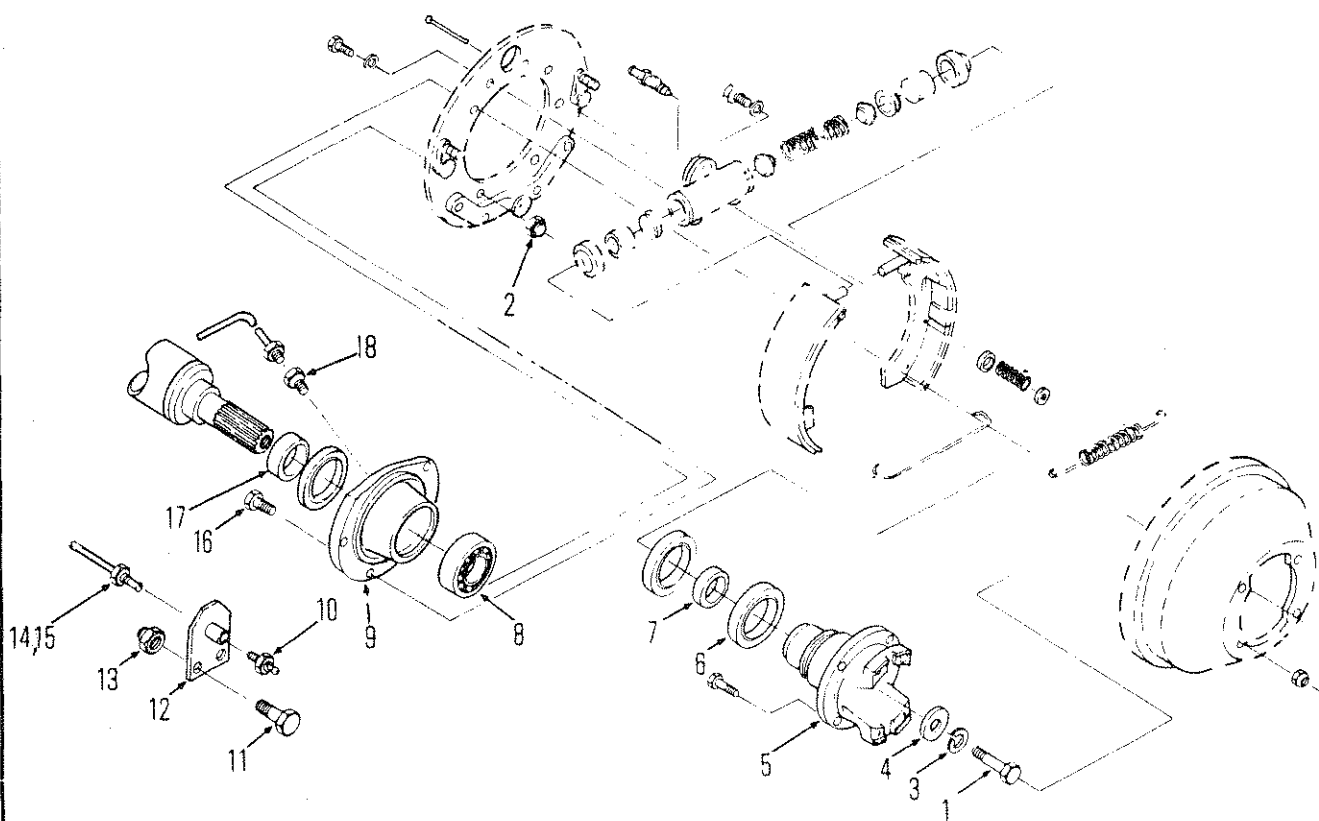
² 513E-101→485-CAC, 514E-101→645-CAC, 500E-101→460-CAC. Ref. a R.S.G. 122 para substituição do cabo

² 513E-101→485-CAC, 514E-101→645-CAC, 500E-101→460-CAC. Ref. R.S.G. 122 para reemplazo del cable

³ Inc 3,12, & 22

⁴ Inc 3,12 & 14 & 22

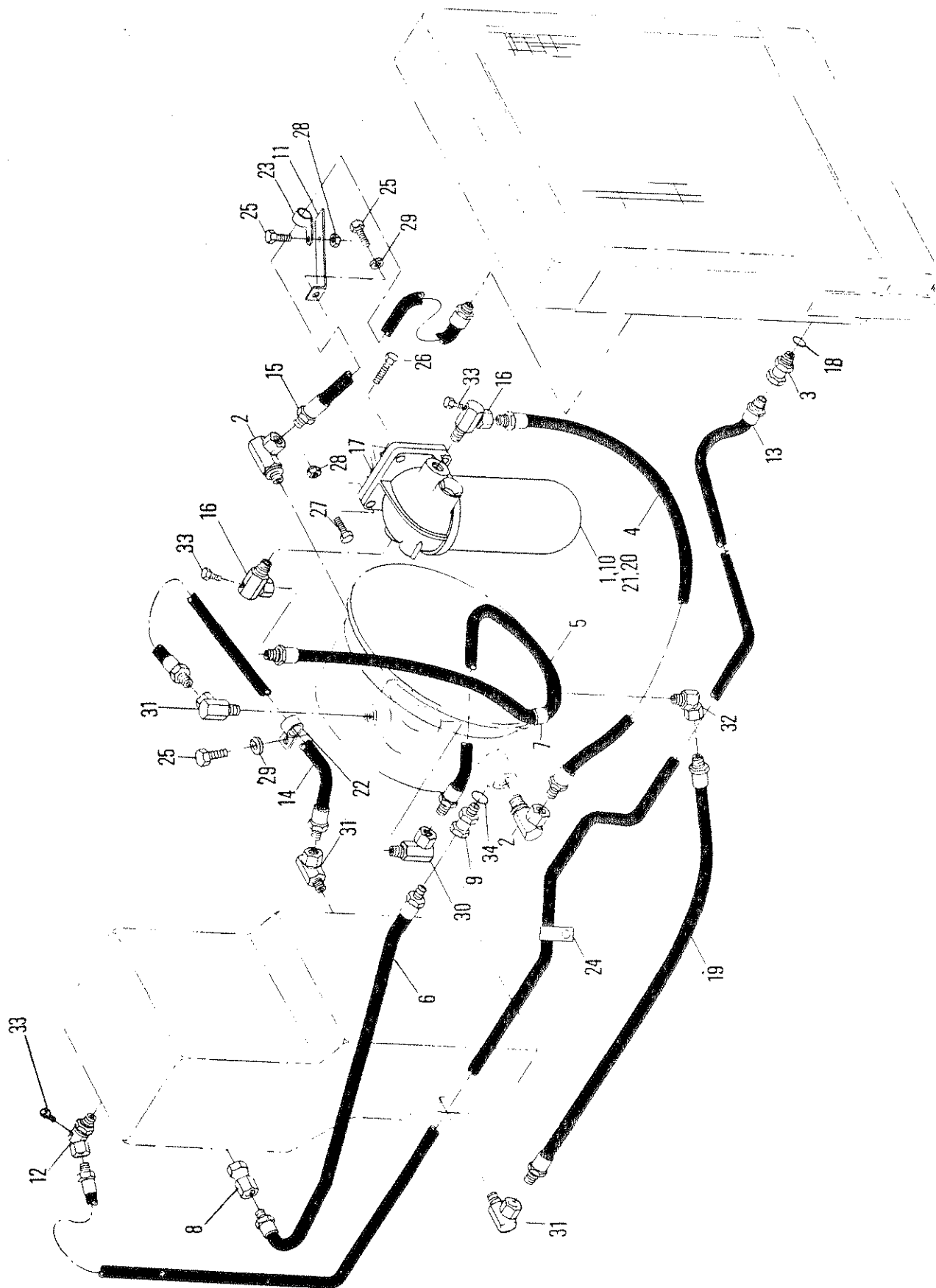
⁵ Inc 11 & 44



5469TP

BRAKE-PILLOW BLOCK & MOUNTING
FREIN-BLOC AMORTISSEUR ET FIXATION
BREMSE-LAGERBOCK UND MONTAGETEILE
FREIO-COXIM DE MANCAL E SUPORTE
FRENOS-SOPORTE Y MONTURA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	18C001436	1	Bolt	boulon	Bolzen	parafuso	bulón
2	17D000004	6	Nut	écrou	Mutter	porca	tuerca
3	24E000014	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1900338	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
5	1900065	1	Flange	bride	Flansch	flange	brida
6	1901398	3	Seal	joint étanchéité	Dichtung	vedador	sello
7	1913522	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	1900177	1	Bearing	palier	Lager	mancal	cojinete
9	1901399	1	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
10	10H000025	11	Fitting	ajustage	Verbindung	ajuste	accesorio
11	18C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
12	1900572	1	Bracket	support	Winkel	grampo	grampa
13	18D000006	2	Nut	écrou	Mutter	porca	tuerca
14	1900538	1	Line	ligne	Leitung	linha	línea
15	1914817	1	Line	ligne	Leitung	linha	línea
16	1901461	6	Bolt	boulon	Bolzen	parafuso	bulón
17	1913562	1	Collar	collier	Bund	colar	collar
18	59F000003	-	Connector	raccord	Verbindungsstück	ligador	conector

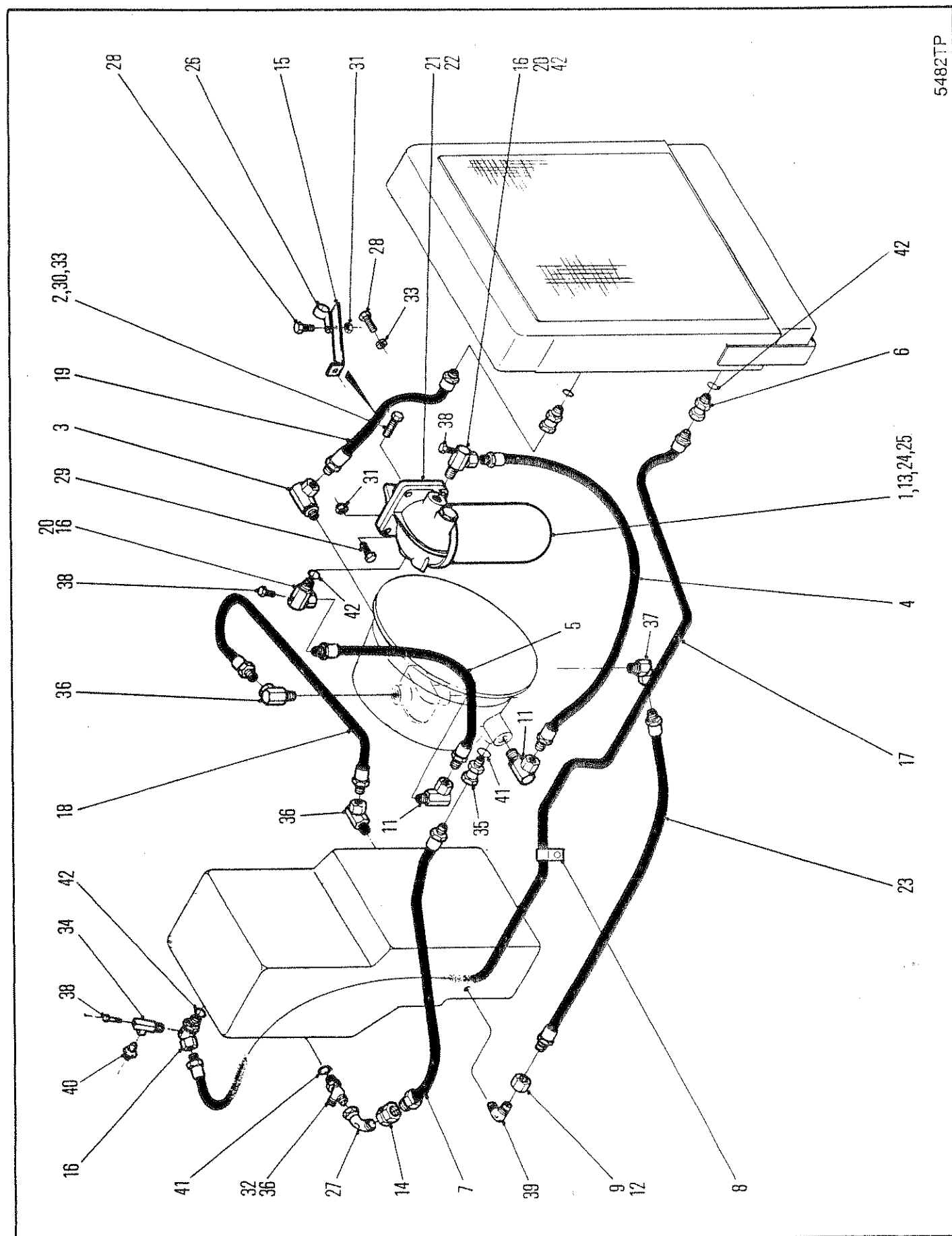


HYDRAULIC SYSTEM, TRANSMISSION & TORQUE CONVERTER
SYSTÈME HYDRAULIQUE, TRANSMISSION & CONVERTISSEUR
HYDRAULIKANLAGE GETRIEBE & DREHMOMENTWANDLER
SISTEMA HIDRÁULICO, TRANSMISSÃO & CONVERSOR DE TORQUE
SISTEMA HIDRÁULICO, TRANSMISIÓN & CONVERTIDOR DE PAR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	†215502	1	Cartridge kit	ensemble cartouche	Patronensatz	conj cartucho	estuche cartucho
1	1992218	1	Bolt	boulon	Bolzen	parafuso	bulón
2	526676	2	Adapter LH	adaptateur G	Zwischenstück L	adaptador LE	adaptador LI
3	533311	2	Connector	raccord	Verbindungsstück	ligador	conector
4	536792	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	538090	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	546842	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	551888	1	Clip	attache	Schelle	braçadeira	abrazadera
8	574290	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
9	690279	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
10	†1533614	1	Filter	filtre	filter	filtro	filtro
11	1900603	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
12	1901460	1	Adapter RH	adaptateur D	Zwischenstück R	adaptador LD	adaptador LD
13	1901494	1	Hose RH	tuyau flexible D	Schlauch R	mangueira LD	manguera LD
14	1901495	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1902871	1	Hose LH	tuyau flexible G	Schlauch L	mangueira LE	manguera LI
16	1908704	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
17	1908705	1	Mount	support	Befestigung	apoio	montura
18	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
19	1916963	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	††6191839	1	Head	culasse	Kopf	cabeça	cabeza
21	††6191841	1	Shell	botier	Gehuse	carcaça	carcasa
22	6H0000028	1	Clip	attache	Schelle	braçadeira	abrazadera
23	6H0000034	1	Clip LH	attache G	Schelle L	braçadeira LE	abrazadera LI
24	6H0000042	1	Clip RH	attache D	Schelle R	braçadeira LD	abrazadera LD
25	17C000614	3	Bolt	boulon	Bolzen	parafuso	bulón
26	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C000628	4	Bolt	boulon	Bolzen	parafuso	bulón
28	17D000003	5	Nut	écrou	Mutter	porca	tuerca
29	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	31F000005	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
31	31F000006	3	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
32	33F000006	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
33	40K000004	3	Plug	bouchon	Stopfen	bujão	tapón
34	91F000006	1	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ Ref RSG 165A

² Inc 1, 20 & 21



5482TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	³ 215502	1	Element	élément	Element	elemento	elemento
2	¹ 215909	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
3	526676	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
4	536792	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	538090	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	545204	2	Adapter union	adaptateur raccord	Zw-Stück-Anschluss	adaptador união	adaptador acople
7	546842	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	551888	1	Clip	attache	Schelle	braçadeira	abrazadera
9	² 574290	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
10	583573	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
11	690279	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
12	¹ 716464	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
13	⁵ 71533614	1	Filter	filtre	filter	filtro	filtro
14	¹ 1542360	1	Union	raccord	Anschlussstück	união	unión
15	1900603	1	Bracket	support	Winkel	grampo	grampa
16	⁴ 1901460	3	Elbow	coude	Winkelrohr	cotovêlo	codo
17	1901494	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1901495	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1902871	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1908704	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
21	1908705	1	Bracket	support	Winkel	grampo	grampa
22	1992218	1	Bolt	boulon	Bolzen	parafuso	bulón
23	1916963	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	³ 6191839	1	Head	culasse	Kopf	cabeça	cabeza
25	³ 6191841	1	Shell	botier	Gehuse	carcaça	carcasa
26	6H0000034	1	Clip	attache	Schelle	braçadeira	abrazadera
27	¹ 12K000006	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
28	17C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
29	17C000628	4	Bolt	boulon	Bolzen	parafuso	bulón
30	17C000720	2	Bolt	boulon	Bolzen	parafuso	bulón
31	17D000003	5	Nut	écrou	Mutter	porca	tuerca
32	¹ 21K000006	1	Tee assy	ass raccord en T	T-Stückenheit	conjunto de Te	dispositivo T
33	24E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	30F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
35	31F000005	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
36	² 31F000006	3	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
37	33F000006	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
38	40K000004	3	Plug	bouchon	Stopfen	bujão	tapón
39	¹ 83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	¹ 89F000005	1	Connector	raccord	Verbindungsstück	ligador	conector
41	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
42	91F000008	5	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ □514E-101-CAC&→

² □508B-101-CAC&→

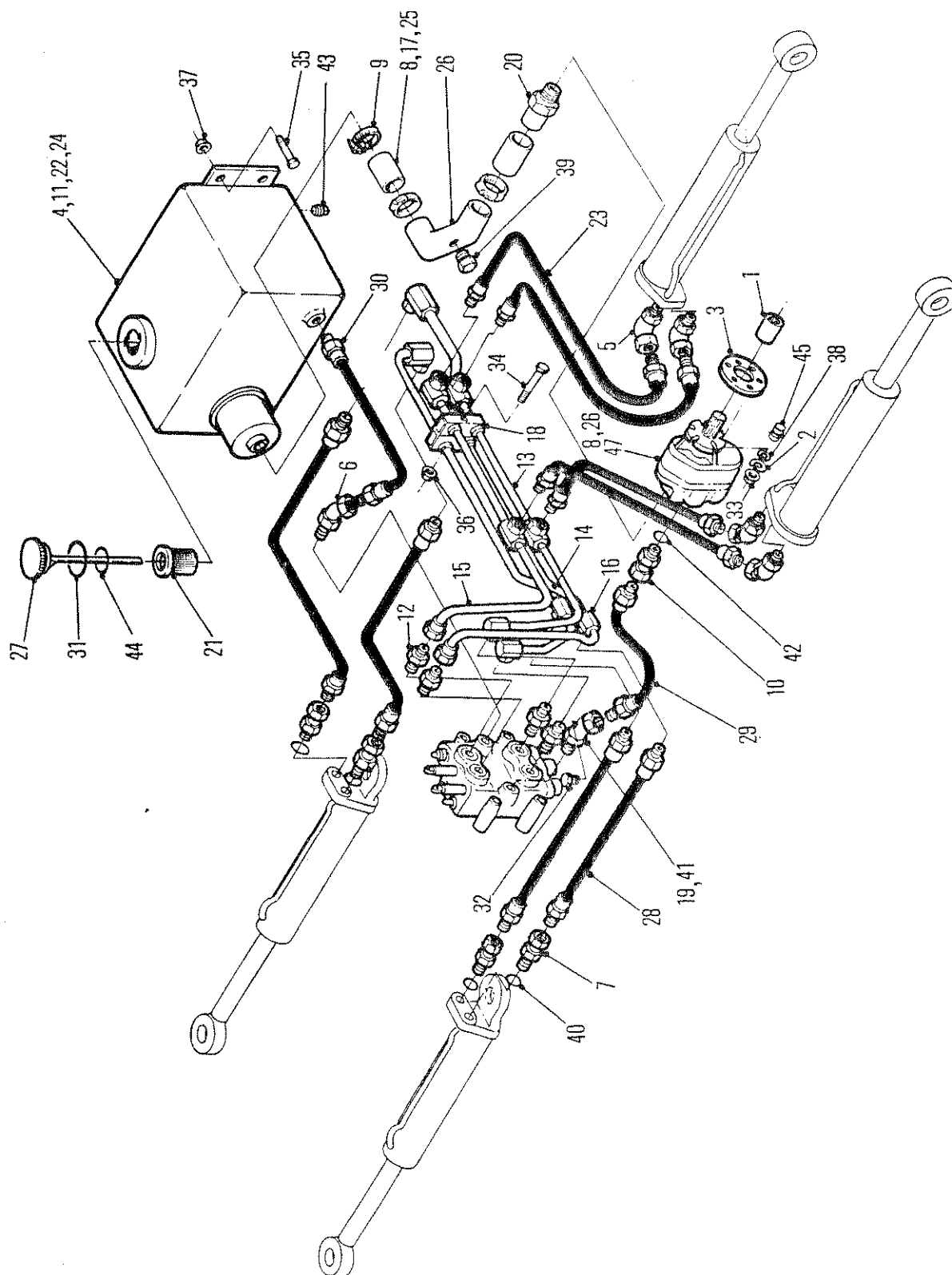
³ Ref RSG 165A

⁴ Inc 38

⁵ Inc 1, 24 & 25

⁶ Inc 42 & 20

⁷ □Ref RSG 259



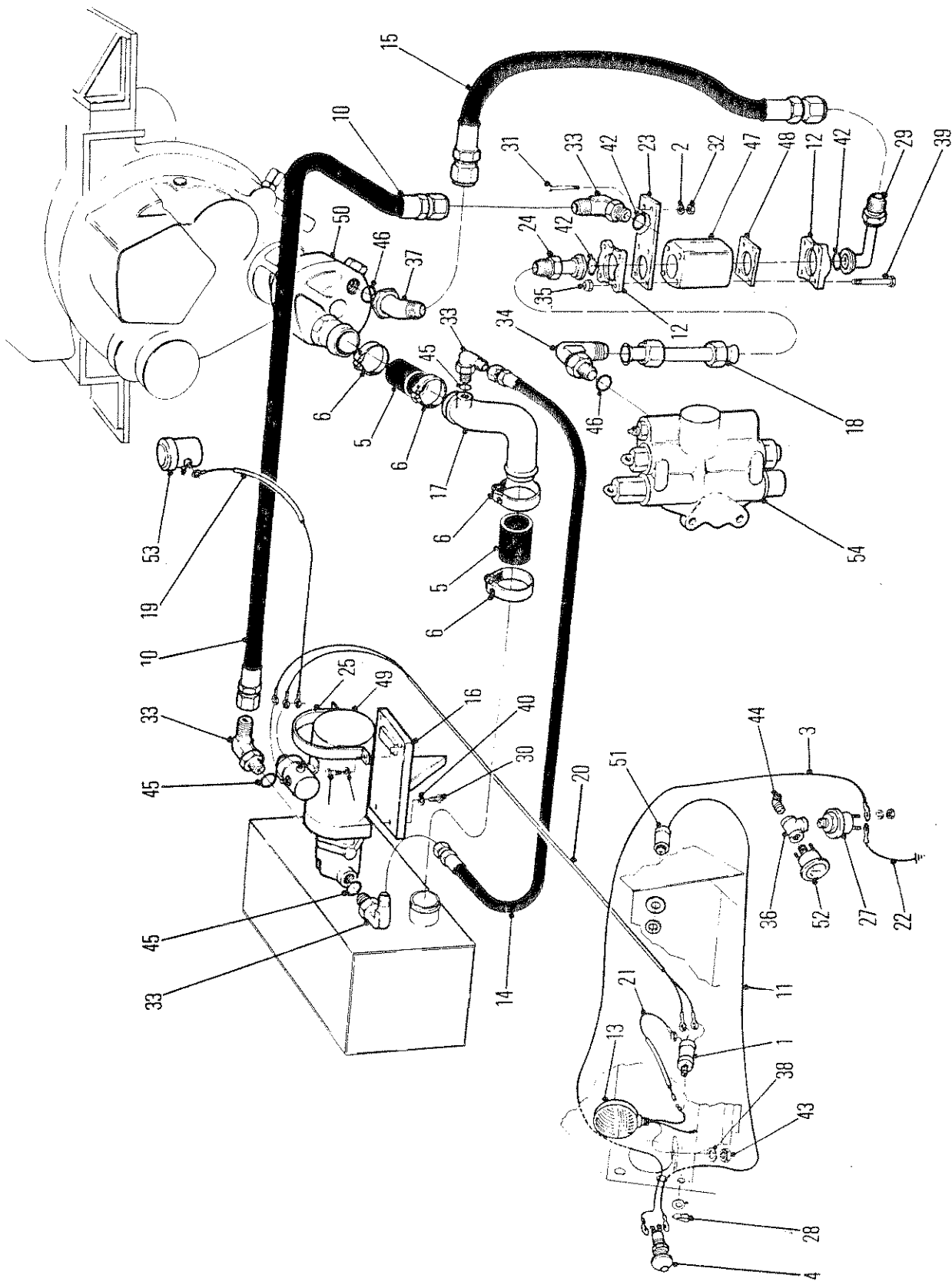
STEER & BLADE HYDRAULICS
SYSTÈME HYDRAULIQUE DE DIRECTION ET DE PALE
LENK- UND SCHILDHYDRAULIK
SISTEMA HIDRÁULICO DA DIREÇÃO E DA LÂMINA
SISTEMA HIDRAULICO DE DIRECCION Y DE LAMINA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	214962	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
2	4E0000006	6	Washer	rondelle	Scheibe	arruela	arandela
3	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
4	525293	1	Magnet	aimant	Magnet	ímã	ímã
5	535625	4	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
6	583210	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	661564	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
8	571497	1	Pump	pompe	Pumpe	bomba	bomba
9	784663	2	Clamp	pince	Schelle	braçadeira	abrazadera
10	1520566	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
11	1900128	1	Tank	réservoir	Tank	tanque	tanque
12	1900769	4	Connector	raccord	Verbindungsstück	ligador	conector
13	1901018	1	Tube	tube	Rohr	tubo	tubo
14	1901019	1	Tube	tube	Rohr	tubo	tubo
15	1901020	1	Tube	tube	Rohr	tubo	tubo
16	1901021	1	Tube	tube	Rohr	tubo	tubo
17	1901385	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1901396	1	Clamp assy	pince ens	Schelle vollst	conj braçadeira	conj abrazadera
19	1901460	4	Elbow	coude	Winkelrohr	cotovêlo	codo
20	1901463	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
21	1901464	1	Strainer	tamis	Sieb	coador	tamiz
22	1911580	1	Tank	réservoir	Tank	tanque	tanque
23	1531929	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	1914243	1	Hydraulic tank	réservoir hydraul	Hydrauliktank	tanque hidráulico	tanque hidráulico
25	91F000010	1	O-ring	joint torique	O Ring	anel-O	anillo-O
26	946372	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
27	1915756	1	Cap & Dipstick	bouch et régl-jauge	Kapp & Tauchstab	tampa e vareta	tapa y var inm
28	1917340	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	1918954	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1920995	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	1990901	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	40K000004	1	Plug	bouchon	Stopfen	bujão	tapón
33	8D0000006	6	Nut	écrou	Mutter	porca	tuerca
34	17C000544	1	Bolt	boulon	Bolzen	parafuso	bulón
35	17C001024	4	Bolt	boulon	Bolzen	parafuso	bulón
36	17D000002	1	Nut	écrou	Mutter	porca	tuerca
37	17D000009	4	Nut	écrou	Mutter	porca	tuerca
38	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	24K000007	1	Plug	bouchon	Stopfen	bujão	tapón
40	91F000006	4	O-ring	joint torique	O Ring	anel-O	anillo-O
41	91F000008	4	O-ring	joint torique	O Ring	anel-O	anillo-O
42	1990900	1	Lever	levier	Hebel	alavanca	palanca
43	40K000012	1	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
44	207647	6	Stud	goujon	Stift	prisioneiro	espárrago

1 508A-101→9999-CAC

2 514E-101→645-CAC

3 514E-646-CAC&→



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	552914	-	Shim	cale	Beilage	calço	planchita
3	652734	1	Wire	fil	Draht	fio	cable
4	656444	1	Light assembly	assemblage élect	Lichteinheit	conj luzes	conj de luces
5	774143	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	784663	4	Clamp	pince	Schelle	braçadeira	abrazadera
7	876574	1	Bulb	ampoule	Birne	bulbo	lmparillo
8	942746	1	Bulb	ampoule	Birne	bulbo	lmparillo
9	990774	1	Lens	lentil	Linse	lente	lente
10	1306529	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1313998	1	Wire	fil	Draht	fio	cable
12	19J000020	4	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
13	1545134	1	Light	lampe	Licht	lâmpada	lâmpara
14	1915347	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1915349	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1915352	1	Bracket	support	Winkel	grampo	grampa
17	1915353	1	Tube	tube	Rohr	tubo	tubo
18	1915354	1	Tube	tube	Rohr	tubo	tubo
19	1915391	1	Wire	fil	Draht	fio	cable
20	1915392	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
21	1915393	1	Wire	fil	Draht	fio	cable
22	1915429	1	Wire	fil	Draht	fio	cable
23	1915542	1	Bracket	support	Winkel	grampo	grampa
24	1915569	1	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
25	1915631	1	Strap	bande	Band	faixa	banda
26	1915658	1	Plate	plaque	Platte	placa	placa
27	1915715	1	Sender	capteur	Sender	sonda	sonda
28	1990984	1	Handle	manette	Handgriff	punho	manija
29	6002153	1	Tube	tube	Rohr	tubo	tubo
30	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
31	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
32	17D000003	2	Nut	écrou	Mutter	porca	tuerca
33	517K000007	4	Fitting	ajustage	Verbindung	ajuste	accesorio
34	617K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
35	18D000007	4	Nut	écrou	Mutter	porca	tuerca
36	18F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
37	618K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
38	23E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	18C000788	4	Bolt	boulon	Bolzen	parafuso	bulón
40	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
41	25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
42	58K000222	2	O-Ring	joint torique	O Ring	anel-O	anillo-O
43	64D000008	1	Nut	écrou	Mutter	porca	tuerca
44	84E000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
45	91F000007	5	O-ring	joint torique	O Ring	anel-O	anillo-O
46	91F000010	5	O-ring	joint torique	O Ring	anel-O	anillo-O
47	○-----	-	Check valve	soupape de sureté	Rückslagventile	válvula de esbarro	válv retención
48	-----	-	Plate	plaque	Platte	placa	placa
49	○-----	-	Pump assy	ens pompe	Pumpeinheit	cj bomba	cj bomba
50	○-----	-	Pump main hyd	pompe hydr principal	Haupt Hydr Pumpe	principal hidr bomba	bomba matriz hidraul
51	○-----	-	Ignition switch	interr dallumage	Zundschalter	chava de ignição	inter encendido
52	○-----	-	Gauge oil press	jauge press huile mot	Oldruckmesser Mot	manôm óleo motor	manóm aceite motor
53	○-----	-	Starter solenoid	solén demarrage	Anschlftmagnt	solen arranque	solen arranque
54	○-----	-	Valve	soupape	Ventil	válvula	válvula

1 Inc 28

2 Inc 4

3 Inc 13

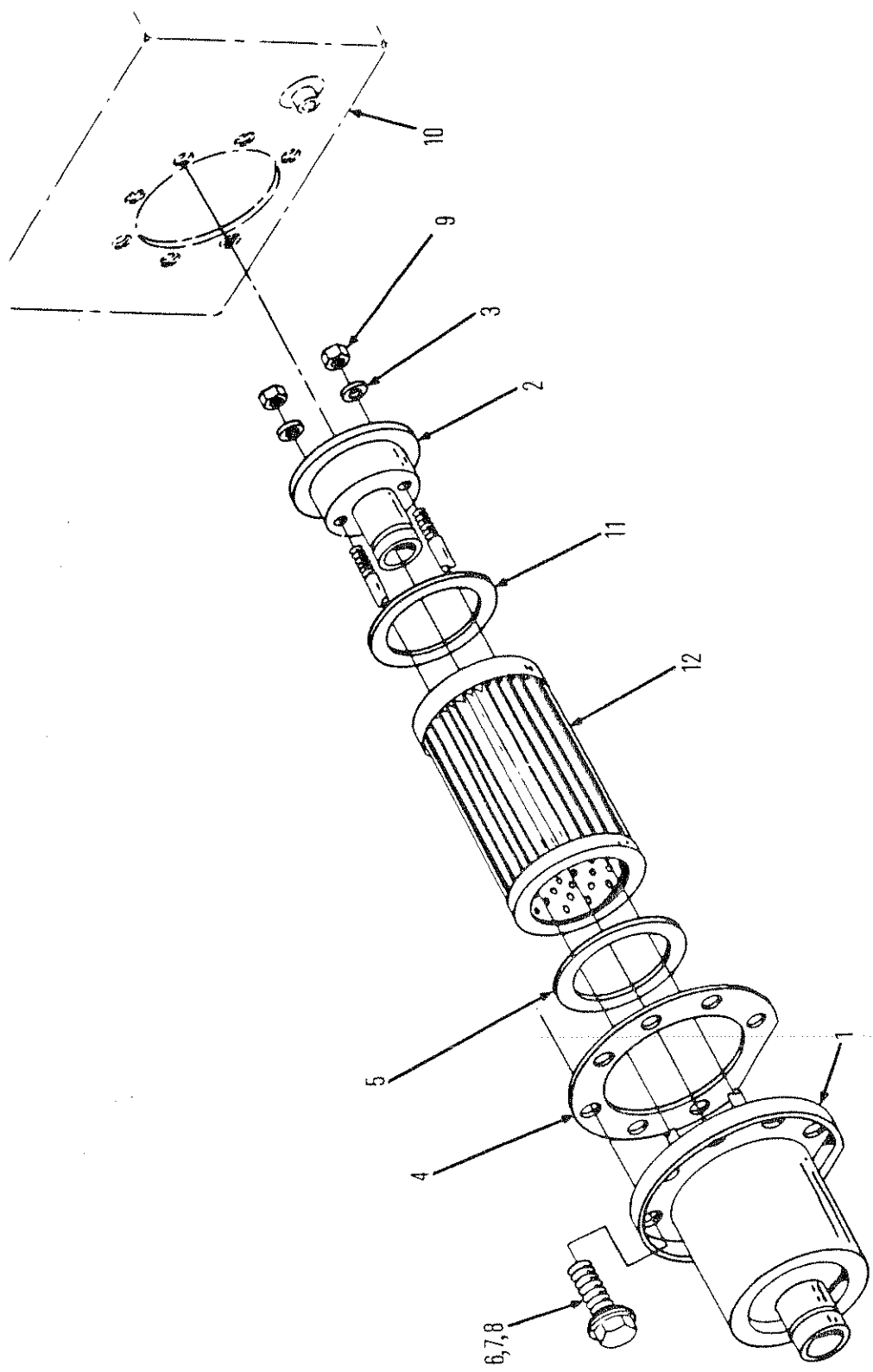
4 Inc 42

5 Inc 45

6 Inc 46

664GM
664GMGR

514E-101-CAC→514F-9999-CAC
508B-101-CAC→508C-9999-CAC



HYDRAULIC TANK FILTER ASSEMBLY
ENSEMBLE FILTRE RÉSERVOIR HYDRAULIQUE
HYDRAULIKTANKEINHEIT
CONJUNTO DO TANQUE HIDRÁULICO
CONJUNTO 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 ⁵ -----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	5 ⁵ -----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	1 ¹ 1917455	7	Seal	joint étanchéité	Dichtung	vedador	sello
7	1 ¹ 1917706	7	Bolt	boulon	Bolzen	parafuso	bulón
8	1 ¹ 1917707	7	Bolt	boulon	Bolzen	parafuso	bulón
9	44D000004	2	Nut	écrou	Mutter	porca	tuerca
10	0-----	-	Hydraulic tank	réservoir hydraul	Hydrauliktank	tanque hidráulico	tanque hidráulico
11	5 ⁵ -----	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	5 ⁵ -----	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

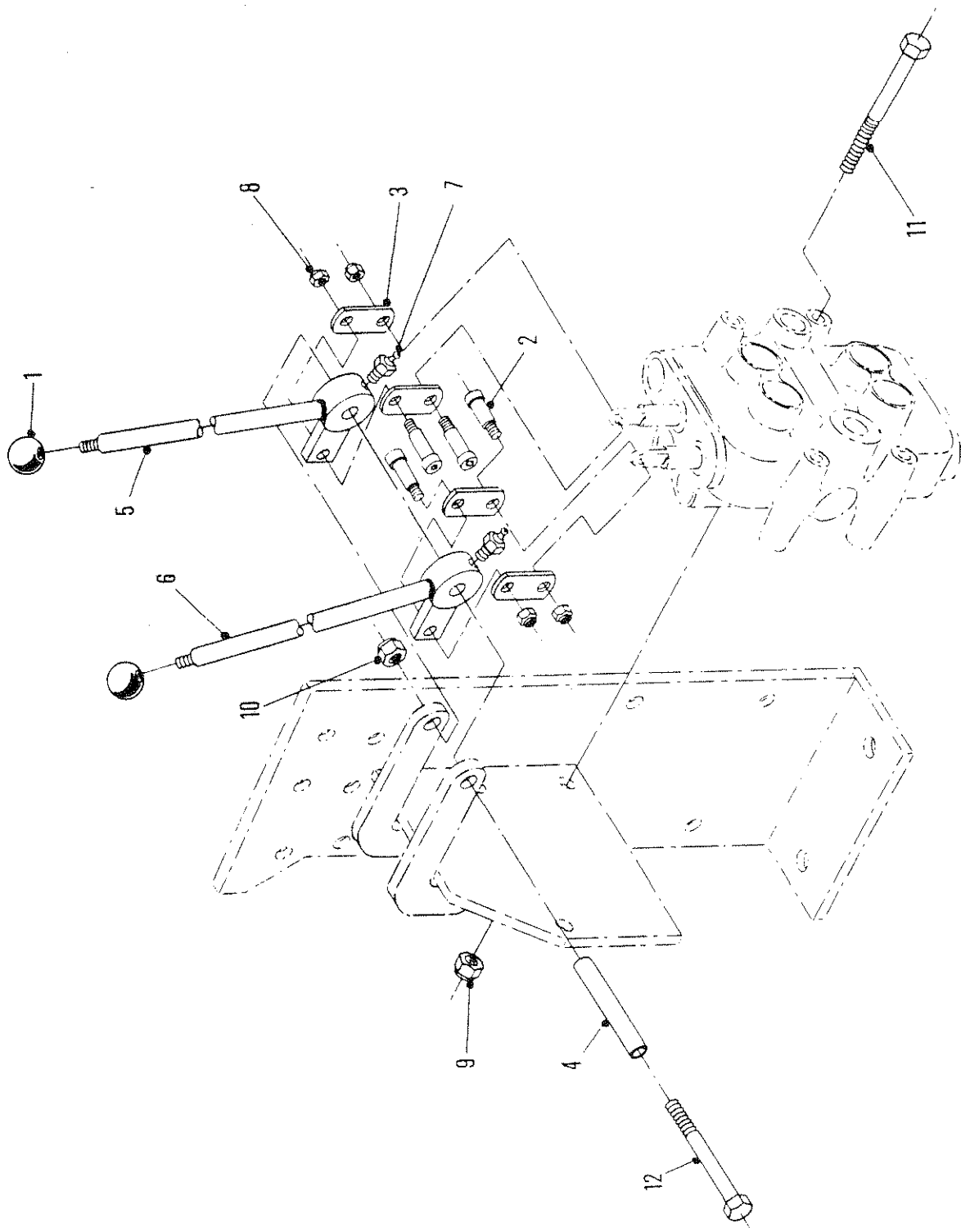
⁵ See B

⁵ Voir B

⁵ Siehe B

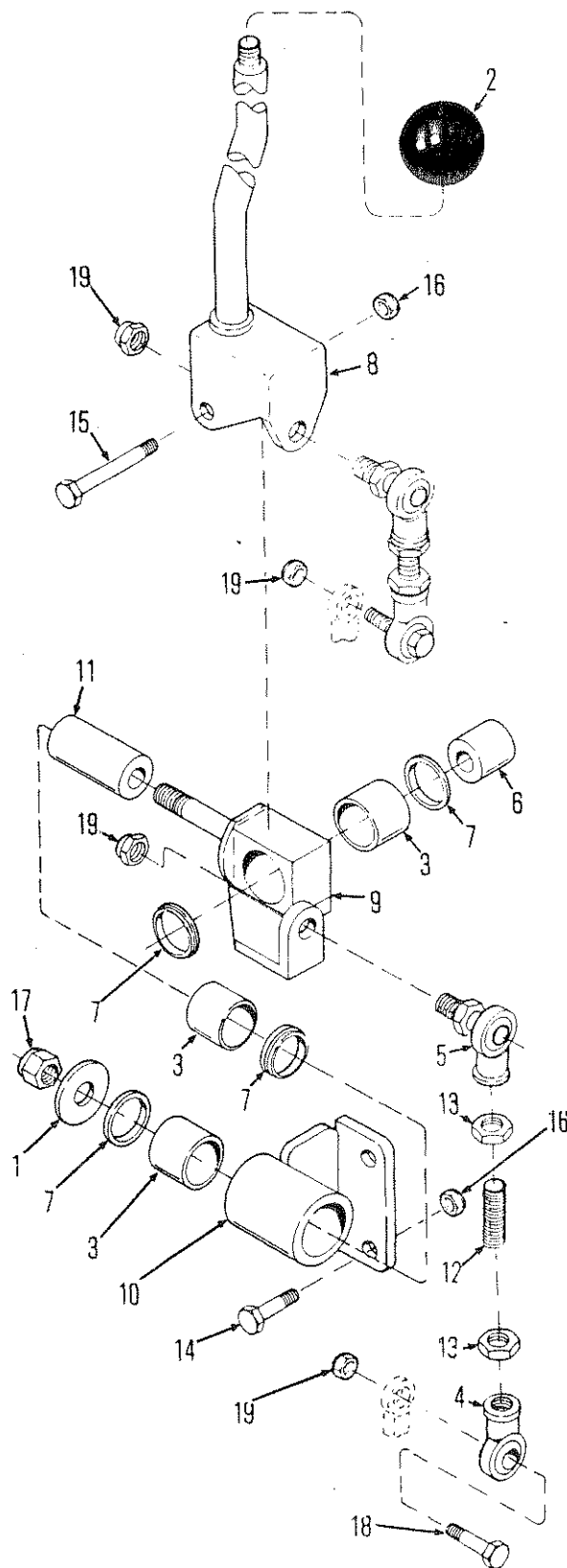
⁵ Veja B

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

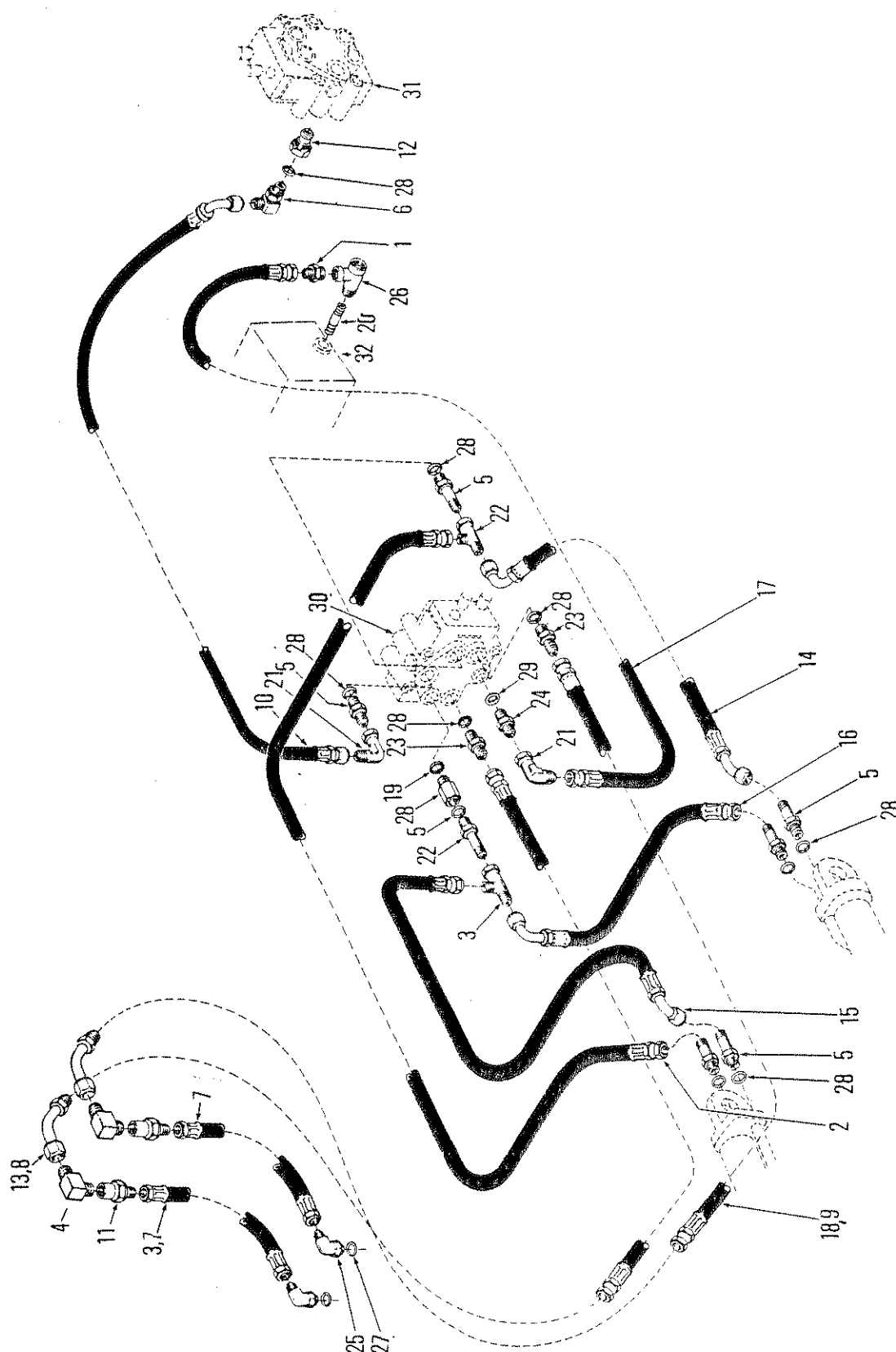
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	2	Knob	bouton	Knopf	manipula	botón
2	1304040	4	Bolt	boulon	Bolzen	parafuso	bulón
3	1900510	4	Link	articulation	Gelenk	articulação	articulación
4	1900903	1	Sleeve	manchon	Muffe	luva	manguito
5	1902071	1	Lever	levier	Hebel	alavanca	palanca
6	1902072	1	Lever	levier	Hebel	alavanca	palanca
7	10H000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
8	17D000001	4	Nut	écrou	Mutter	porca	tuerca
9	18D000006	3	Nut	écrou	Mutter	porca	tuerca
10	18D000008	1	Nut	écrou	Mutter	porca	tuerca
11	18C000672	3	Bolt	boulon	Bolzen	parafuso	bulón
12	18C000864	1	Bolt	boulon	Bolzen	parafuso	bulón



5518TP

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	1	Washer	rondelle	Scheibe	arruela	arandela
2	509772	1	Knob	bouton	Knopf	manipula	botón
3	675227	3	Bearing	palier	Lager	mancal	cojinete
4	1930079	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
5	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
6	1503251	1	Sleeve	manchon	Muffe	luva	manguito
7	1522535	4	Seal	joint étanchéité	Dichtung	vedador	sello
8	1909742	1	Lever	levier	Hebel	alavanca	palanca
9	1909745	1	Pivot	pivot	Zapfen	perno	muón
10	1909947	1	Bracket	support	Winkel	grampo	grampa
11	1911588	1	Sleeve	manchon	Muffe	luva	manguito
12	1911589	2	Stud	goujon	Stift	prisioneiro	espárrago
13	8D0000005	4	Nut	écrou	Mutter	porca	tuerca
14	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
15	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
16	17D000006	3	Nut	écrou	Mutter	porca	tuerca
17	18D000008	1	Nut	écrou	Mutter	porca	tuerca
18	18C000520	2	Bolt	boulon	Bolzen	parafuso	bulón
19	66D000005	4	Nut	écrou	Mutter	porca	tuerca



HYDRAULICS-ARCH & GRAPPLE
HYDRAULIQUES-ARC ET GRAPPIN
HYDRAULIK-BOGEN UND GREIFER
HIDRAULICA-ARCO E GARRA
HIDRAULICA-ARCO Y GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	656532	1	Fitting	ajustage	Verbindung	ajuste	accesorio
2	661570	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	672554	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	730149	2	Fitting	ajustage	Verbindung	ajuste	accesorio
5	755055	7	Fitting	ajustage	Verbindung	ajuste	accesorio
6	1300309	1	Fitting	ajustage	Verbindung	ajuste	accesorio
7	1302519	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1308602	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
9	1316443	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1520557	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1905619	2	Fitting	ajustage	Verbindung	ajuste	accesorio
12	1905942	1	Fitting	ajustage	Verbindung	ajuste	accesorio
13	1906408	2	Tube	tube	Rohr	tubo	tubo
14	1907055	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1907056	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1907057	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1907059	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1907060	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1907267	1	Valve	soupape	Ventil	válvula	válvula
20	5K0000624	1	Nipple	raccord	Nippel	niple	niple
21	11K000010	5	Fitting	ajustage	Verbindung	ajuste	accesorio
22	13K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
23	15K000008	2	Fitting	ajustage	Verbindung	ajuste	accesorio
24	15K000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	17K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
26	18F000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
27	91F000007	2	O-ring	joint torique	O Ring	anel-O	anillo-O
28	91F000008	10	O-ring	joint torique	O Ring	anel-O	anillo-O
29	91F000010	1	O-ring	joint torique	O Ring	anel-O	anillo-O
30	O-----	-	Valve	soupape	Ventil	válvula	válvula
31	O-----	-	Valve	soupape	Ventil	válvula	válvula
32	O-----	-	Tank	réservoir	Tank	tanque	tanque

1 150° self centering head has been obsoleted. Ref RSG 97B for replacement kit

1 La tête à centrage automatique de 150° a été supprimée. L'ensemble de remplacement porte le no. de réf. RSG 97B

1 150° Selbst-Zentrierkopf ist bautechnisch überholt. Bestellnr RSG 97B für Ersatzteil-Bausatz

1 Cabeçote de 150° graus de centramento automático tornou-se obsoleto. Ref. RSG 97B para jogo de reposição

1 Cabeza de 150° de centrado automático declarada caduca. Ref. RSG 97B para equipo de repuesto

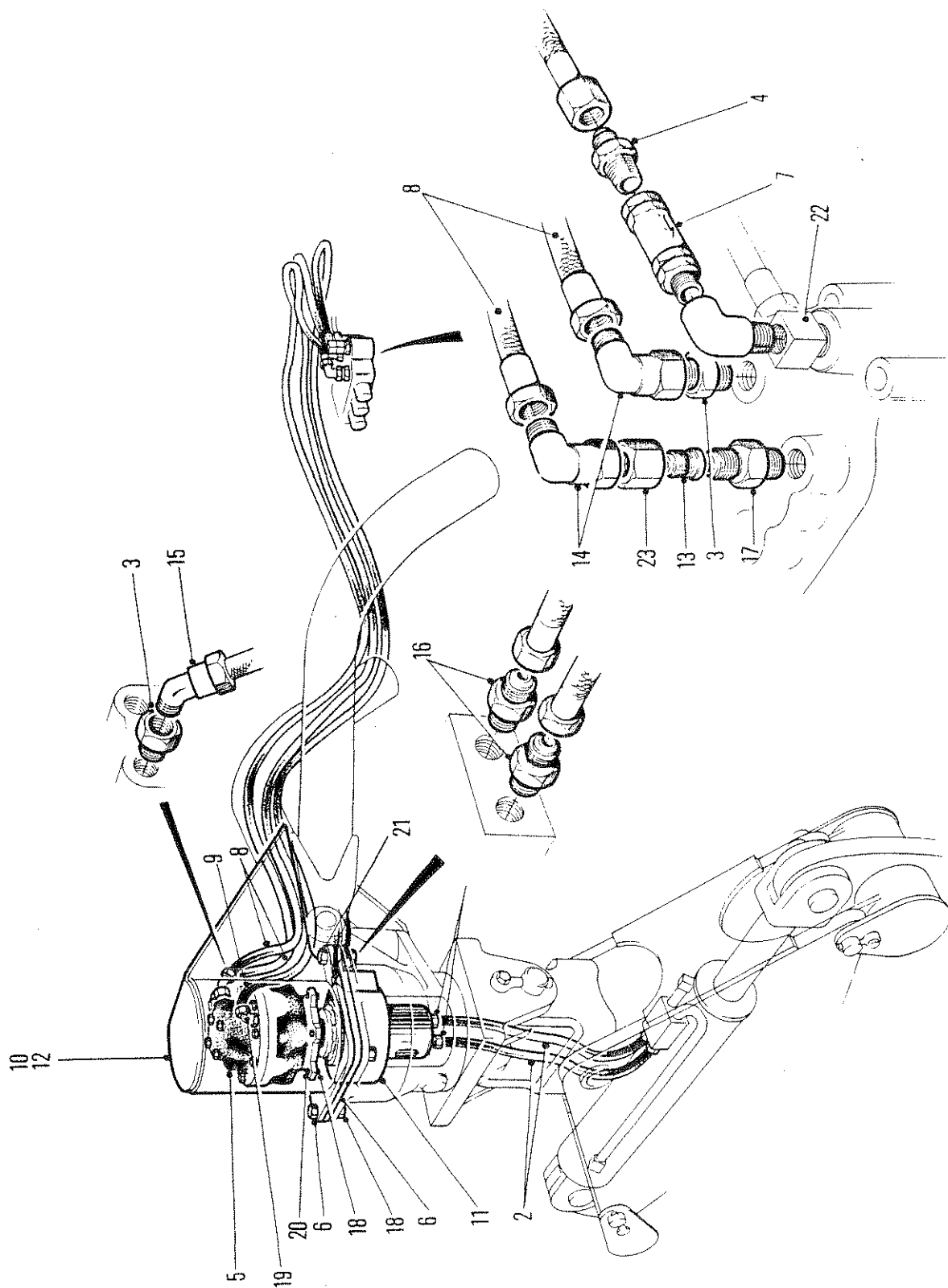
2 Inc 1 - 91F000010 O-Ring & 1 - 58K000119 O-Ring

2 Inc 1 - 91F000010 joint torique & 1 - 58K000119 joint torique

2 Inc 1 - 91F000010 O-Ring & 1 - 58K000119 O-Ring

2 Inc 1 - 91F000010 anel-O & 1 - 58K000119 anel-O

2 Inc 1 - 91F000010 anillo-O & 1 - 58K000119 anillo-O



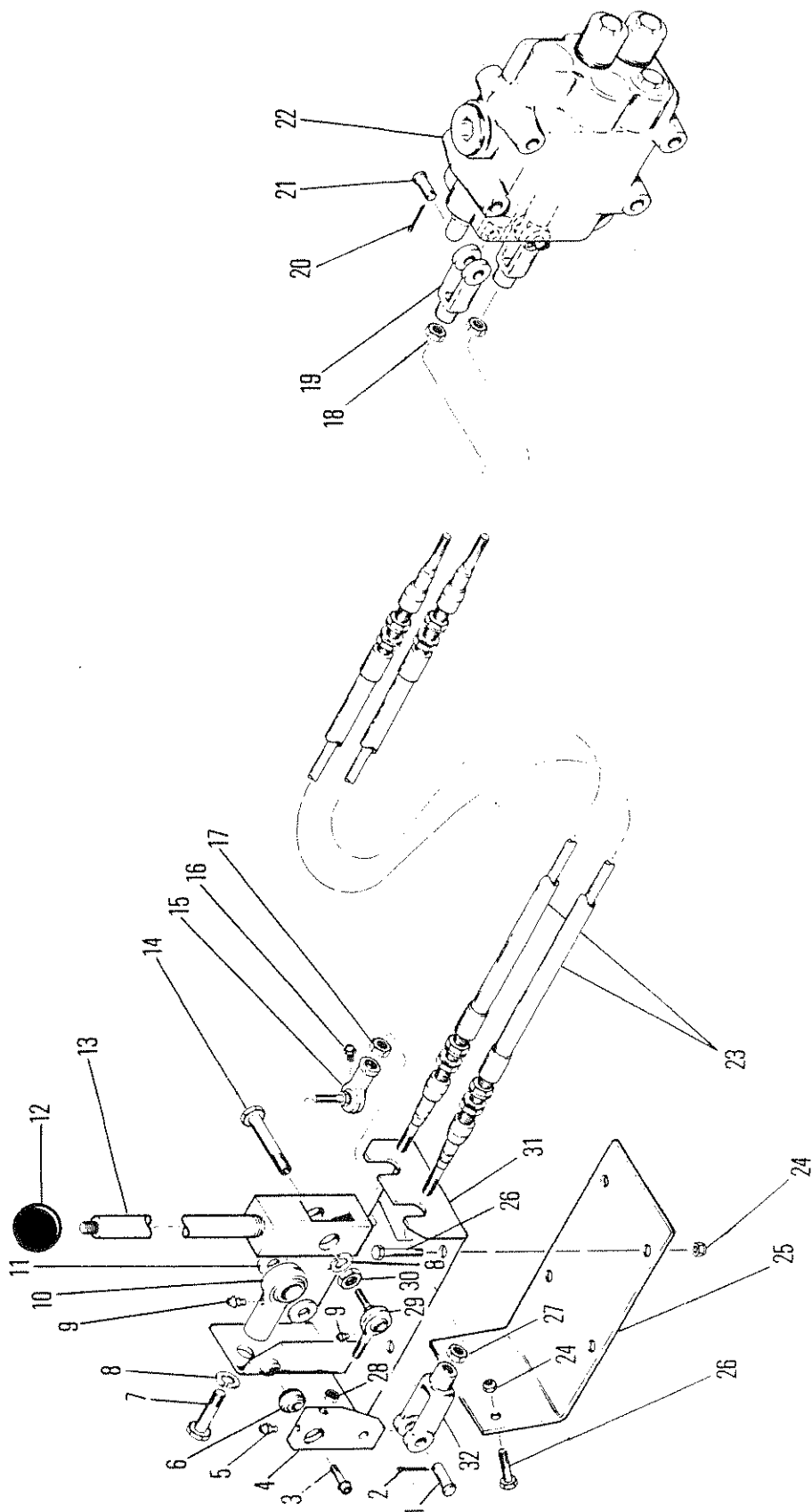
HYDRAULICS-MOTOR HEAD
HYDRAULIQUES-CULASSE DE MOTEUR
HYDRAULIK-MOTORENKOPF
HIDRAULICA-CABEA DO MOTOR
HIDRAULICA-CABEZA DEL MOTOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	[†] 300225	2	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
2	661570	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	755054	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
4	774433	1	Fitting	ajustage	Verbindung	ajuste	accesorio
5	1905501	1	Motor head	culasse de moteur	motorenkopf	cabea do motor	cabeza del motor
6	1906374	1	Mounting plate	plaque de fixation	Befestigungsplatte	placa de fixação	placa de montage
7	1907709	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
8	1915299	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1915301	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	² 1915696	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
11	1916920	1	Housing	botier	Gehuse	carcaça	carcasa
12	³ 1923921	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
13	9K0000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
14	11K000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
15	12K000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
16	15K000007	4	Fitting	ajustage	Verbindung	ajuste	accesorio
17	15K000008	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
18	17D000006	7	Nut	écrou	Mutter	porca	tuerca
19	17K000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
20	17C000828	3	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000840	4	Bolt	boulon	Bolzen	parafuso	bulón
22	29F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
23	80F000008	1	Nut	écrou	Mutter	porca	tuerca
24	^{††} 16F000004	1	Plug	bouchon	Stopfen	bujão	tapón
25	^{††} 24K000008	1	Plug	bouchon	Stopfen	bujão	tapón

[†] When self-centering mechanism is used replace 1915301 hose & 1915299 hose with 1-16F000004 plug & 1-24K000008 plug at the control valve ports
[†] Lors de l'utilisation du mécanisme à centrage automatique, remplacer le tuyau 1915301 et le tuyau 1915299 par le bouchon 1-16F000004 et le bouchon
[†] Bei Benutzung des automatisch zentrierten Mechanismus, sind Schläuche Nr 1915301 und 1915299 durch stopfen Nr 1-16F000004 und
[†] Ao ser utilizado o mecanismo de centragem automática, substitua a mangueira 1915301 e a mangueira 1915299 por um bujão 1-16F000004
[†] Cuando se usa un mecanismo autocentrador, substitúyase la manguera 1915301 y la manguera 1915299 por el tapón 1-16F000004

² 666Gr

³ 664Gr



CONTROLS-ARCH & GRAPPLE
CONTRÔLES-ARC ET GRAPIN
STEUERUNGEN-BOGEN UND GREIFER
CONTRÔLES-ARCO E GARRA
MANDOS-ARCO Y GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1906946	1	Control assy	ass de contrôle	Steuereinheit	conj de control	conj control
1	² §-----	1	Nut	écrou	Mutter	porca	tuerca
2	² §-----	1	Pin	goupille	Stift	pino	pasador
3	74G000520	1	Bolt	boulon	Bolzen	parafuso	bulón
4	1990959	1	Block&brg assy	en palier&support	Lager&Lagerbüchse	cj de bloco&rolamento	cj bloque&rodamiento
5	1990523	1	Fitting	ajustage	Verbindung	ajuste	accesorio
6	1990527	1	Bearing	palier	Lager	mancal	cojinete
7	2C001016	1	Bolt	boulon	Bolzen	parafuso	bulón
8	23E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	² §-----	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	1990525	1	Rod end	bout biellette	Stangenende	extremidade haste	estremo de varilla
11	1990526	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	509772	1	Knob	bouton	Knopf	manipula	botón
13	1990517	1	Control lever	contrôle á levier	Hebelsteuerung	alavanca control	control de palanca
14	1990519	1	Bolt	boulon	Bolzen	parafuso	bulón
15	1990520	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
16	² §-----	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	² §-----	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
18	8D000005	2	Nut	écrou	Mutter	porca	tuerca
19	2J005204	2	Clevis	étrier	Schkel	garfo	horquilla
20	1F000308	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
21	4F005062	2	Pin	goupille	Stift	pino	pasador
22	○-----	1	Valve	soupape	Ventil	vaálvula	válvula
23	1907080	2	Push-pull cable	cab comp-tract	Gegentaktkable	cabo empurra-puxa	cable empuje-jale
24	17D000003	13	Nut	écrou	Mutter	porca	tuerca
25	1906808	1	Bracket	support	Winkel	grampo	grampa
26	17C000616	10	Bolt	boulon	Bolzen	parafuso	bulón
27	² §-----	1	Nut	écrou	Mutter	porca	tuerca
28	8D000006	5	Nut	écrou	Mutter	porca	tuerca
29	² §1990778	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
30	8D0000010	1	Nut	écrou	Mutter	porca	tuerca
31	1990524	1	Bracket	support	Winkel	grampo	grampa

¹ Inc. 1→11, 13→17,22,24,26, 28→30 & 32

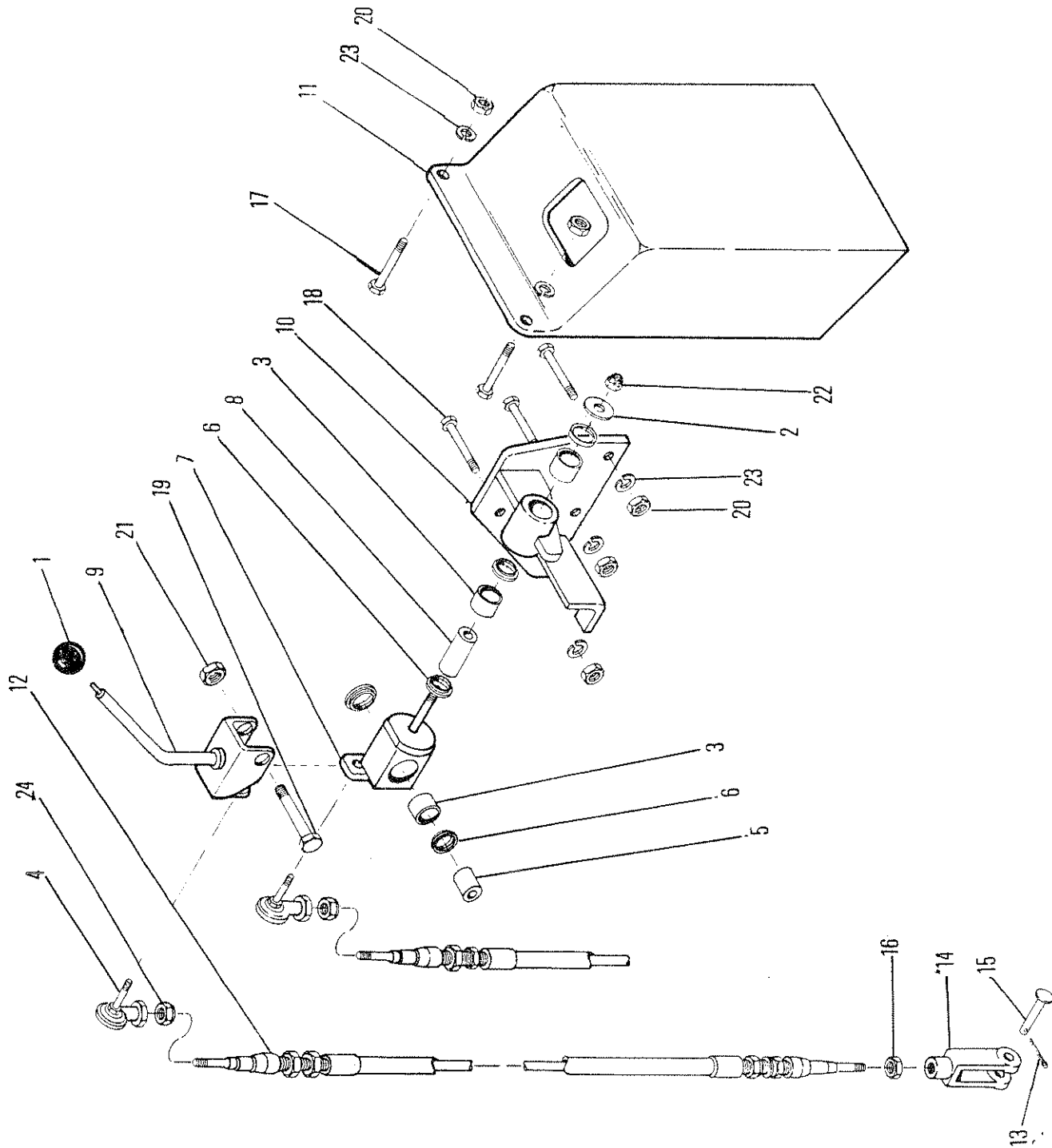
² See item A

² Voir article A

² Siehe Punkt A

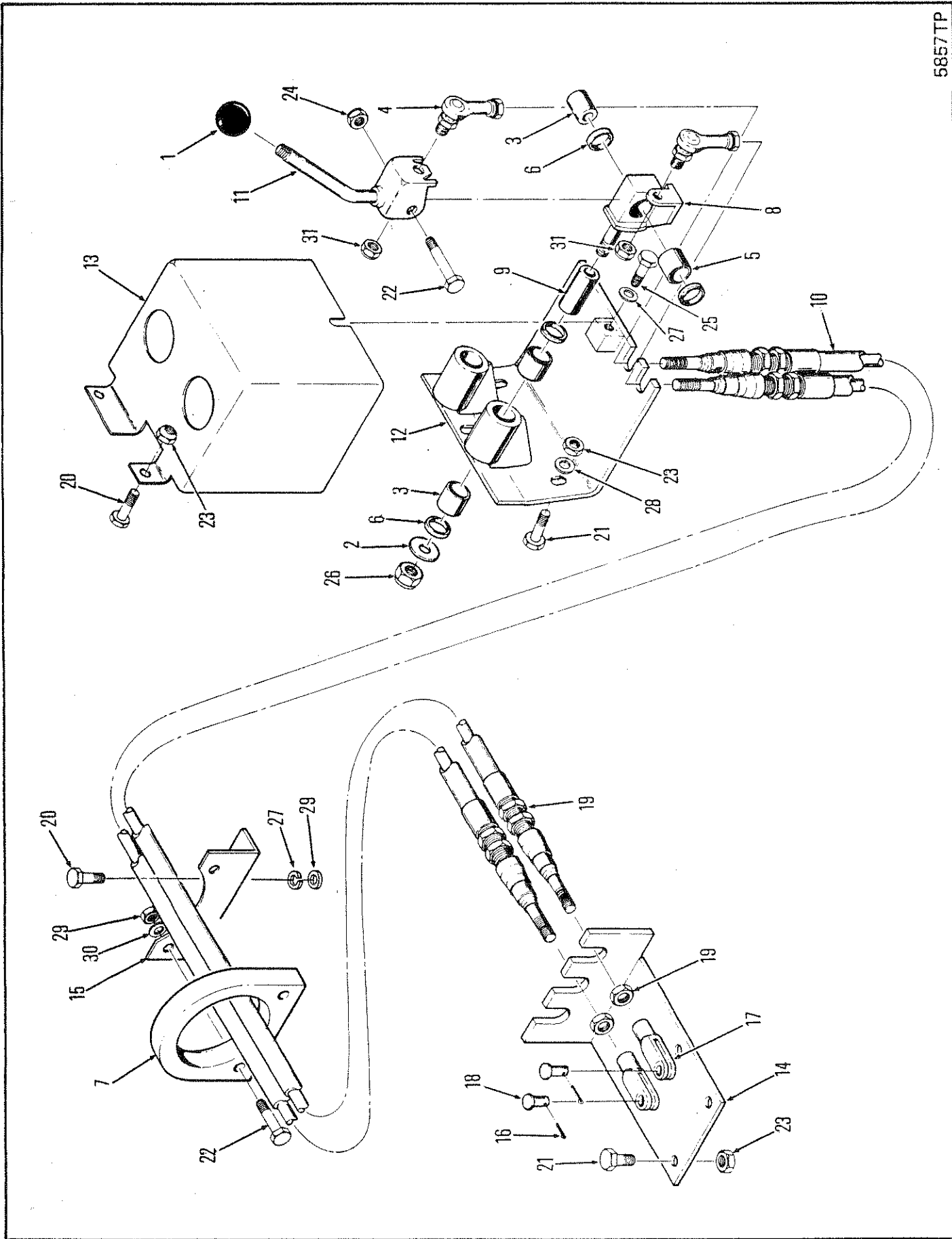
² Veá item A

² Veá item A



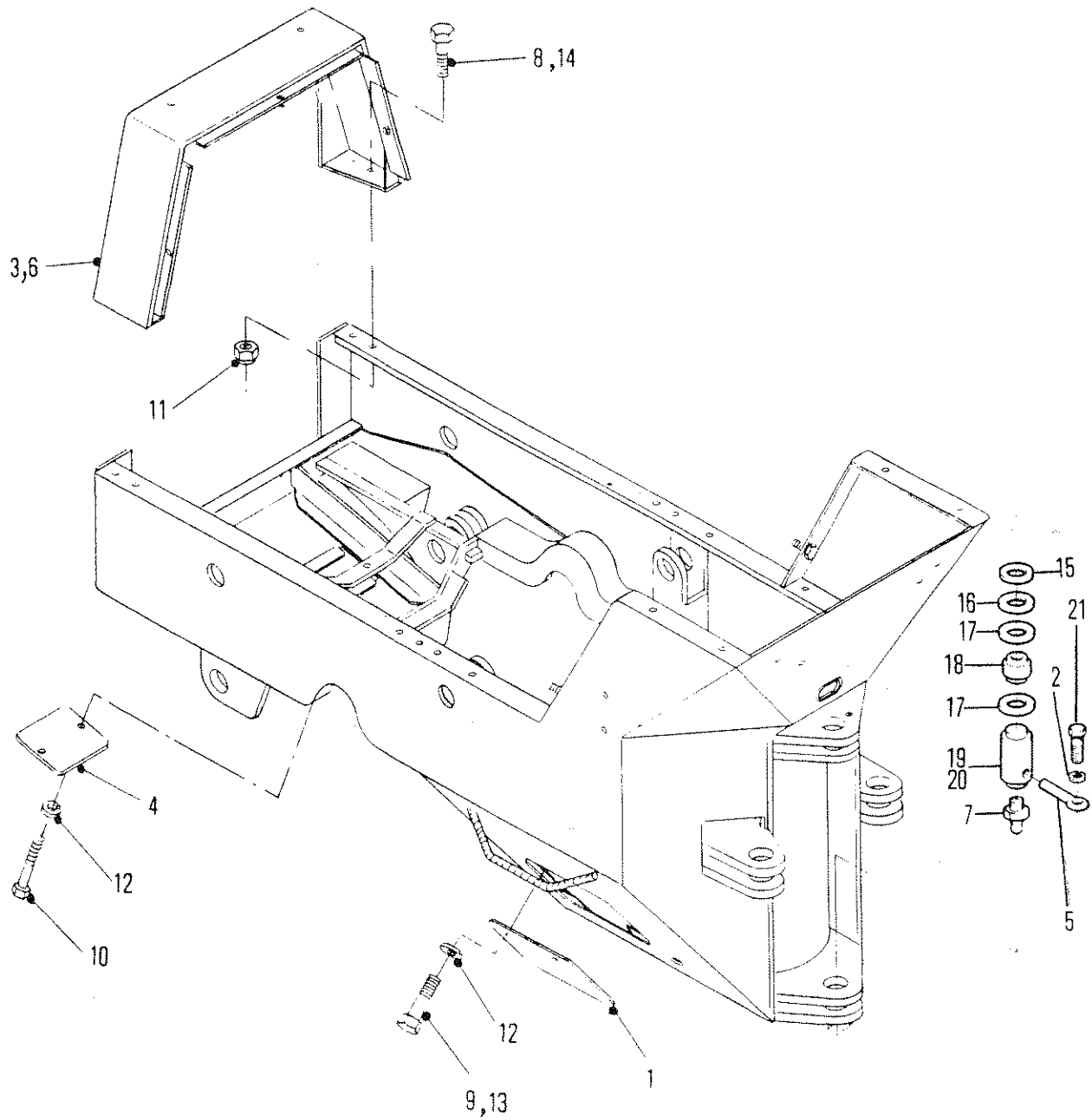
CONTROLS-ARCH & GRAPPLE
CONTRÔLES-ARC ET GRAPIN
STEUERUNGEN-BOGEN UND GREIFER
CONTRÔLES-ARCO E GARRA
MANDOS-ARCO Y GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manípula	botón
2	561912	1	Washer	rondelle	Scheibe	arruela	arandela
3	675227	3	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
4	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
5	1503251	1	Sleeve	manchon	Muffe	luva	manguito
6	1522535	4	Seal	joint étanchéité	Dichtung	vedador	sello
7	1909745	1	Pivot	pivot	Zapfen	perno	muón
8	1911588	1	Sleeve	manchon	Muffe	luva	manguito
9	1911626	1	Handle assy	ass de la poignée	Handgriffeinheit	cj da maçaneta	conj perilla
10	1911628	1	Bracket	support	Winkel	grampo	grampa
11	1911632	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
12	1914678	2	Push-pull cable	cab comp-tract	Gegentaktkable	cabo empurra-puxa	cable empuje-jale
13	1F000308	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
14	2J005204	2	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
15	4F005062	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
16	8D000005	4	Nut	écrou	Mutter	porca	tuerca
17	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
18	17C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
19	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
20	61D000006	5	Nut	écrou	Mutter	porca	tuerca
21	17D000006	1	Nut	écrou	Mutter	porca	tuerca
22	18D000008	1	Nut	écrou	Mutter	porca	tuerca
23	24E000006	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	66D000005	2	Nut	écrou	Mutter	porca	tuerca



CONTROLS-ARCH & GRAPPLE
CONTRÔLES-ARC ET GRAPIN
STEUERUNGEN-BOGEN UND GREIFER
CONTRÔLES-ARCO E GARRA
MANDOS-ARCO Y GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manípula	botón
2	561912	1	Washer	rondelle	Scheibe	arruela	arandela
3	675227	3	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
4	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
5	1503251	1	Sleeve	manchon	Muffe	luva	manguito
6	1522535	4	Seal	joint étanchéité	Dichtung	vedador	sello
7	1907507	1	Guard	protecteur	Schutz	proteção	protector
8	1909745	1	Pivot	pivot	Zapfen	perno	muón
9	1911588	1	Sleeve	manchon	Muffe	luva	manguito
10	1914678	2	Push-pull cable	cab comp-tract	Gegentaktkable	cabo empurra-puxa	cable empuje-jale
11	1914725	1	Control lever	contrôle à levier	Hebelsteuerung	alavanca control	control de palanca
12	1914728	1	Bracket	support	Winkel	grampo	grampa
13	1914731	1	Cover	couvercle	Deckel	tampa	tapa
14	1915346	1	Plate	plaque	Platte	placa	placa
15	1915566	1	Bracket	support	Winkel	grampo	grampa
16	1F000308	2	Pin	goupille	Stift	pino	pasador
17	2J005204	2	Clevis	étrier	Schkel	garfo	horquilla
18	4F005062	2	Pin	goupille	Stift	pino	pasador
19	8D000005	6	Nut	écrou	Mutter	porca	tuerca
20	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000620	7	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000840	3	Bolt	boulon	Bolzen	parafuso	bulón
23	59D000006	9	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
24	59D000008	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
25	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
26	18D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
27	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	25E000017	3	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
29	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
30	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
31	66D000005	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca



5585TP

FRONT FRAME
CHÂSSIS AVANT & ARRIÈRE
RAHMEN, VORDER & HINTER
CHASSI DIANTEIRO & TRASEIRO
BASTIDOR DELANTERO & TRASERO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1-----	1	Frame	châssis	Fahrgestell	chassi	bastidor
1	1900963	2	Plate	plaque	Platte	placa	placa
2	24E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1900990	1	Grille	grille	Grill	grade	careta
4	1901505	2	Plate	plaque	Platte	placa	placa
5	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
6	24E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
8	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
9	17C001224	8	Bolt	boulon	Bolzen	parafuso	bulón
10	17C001228	4	Bolt	boulon	Bolzen	parafuso	bulón
11	17D000009	4	Nut	écrou	Mutter	porca	tuerca
12	24E000012	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	24E000027	4	Washer	rondelle	Scheibe	arruela	arandela
14	25E000025	4	Washer	rondelle	Scheibe	arruela	arandela
15	‡1901079	-	Shim	cale	Beilage	calço	planchita
16	‡1900168	-	Washer	rondelle	Scheibe	arruela	arandela
17	1900167	4	Washer	rondelle	Scheibe	arruela	arandela
18	1574466	2	Bushing	chemise	Buchse	bucha	buje
19	‡1915205	1	Pin	goupille	Stift	pino	pasador
20	‡1915214	1	Pin	goupille	Stift	pino	pasador
21	1915786	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Contact Service Dept. if Frame number is required

¹ Consultez le Service d'Entretien s'il vous faut le numéro de châssis

¹ Wenden Sie sich an die Service-Abteilung falls Sie die Fahrgestellnummer brauchen.

¹ Procure o Departamento de Serviço se o número do chassi é solicitado

¹ Consulte con el Departamento de Servicio si se requiere el número del bastidor.

² Upper Hinge

² Articulation supérieure

² Oberes Scharnier

² Bisagra Superior

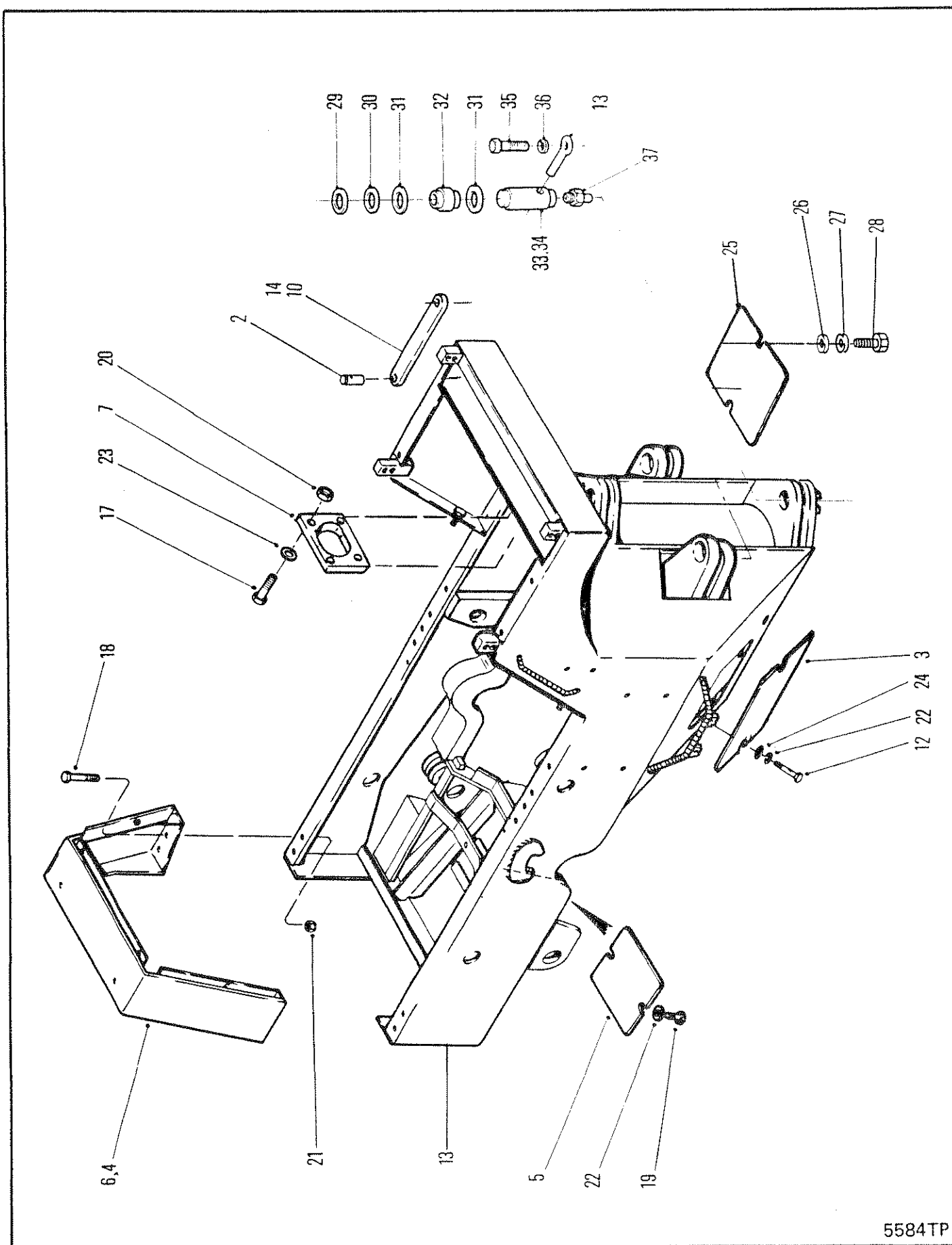
² Bisagra Superior

³ Lower Hinge

³ Articulation inférieure

³ Unteres Scharnier

³ Bisagra Inferior



5584TP

FRONT FRAME
CHÂSSIS AVANT & ARRIÈRE
RAHMEN, VORDER & HINTER
CHASSI DIANTEIRO & TRASEIRO
BASTIDOR DELANTERO & TRASERO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	†658102	8	Link	articulation	Gelenk	articulação	articulación
2	1317072	2	Faspin	faspin	Faspin	pino prend	horq
3	1900963	2	Cover	couvercle	Deckel	tampa	tapa
4	1900990	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
5	1901505	1	Cover	couvercle	Deckel	tampa	tapa
6	1903128	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
7	1907510	1	Guard	protecteur	Schutz	proteção	protector
8	†1908781	2	Step	marche	Stufe	degrau	escalón
9	†1908929	4	Chain	chane	Kette	corrente	cadena
10	†1914390	1	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
11	†1914972	1	Hold down assy	ass dinstallation	Halteeinheit	conj restritor	conj restringir
12	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
13	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
14	†1916923	2	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
15	†1923871	1	Faspin	faspin	Faspin	pino prend	horq
16	2†1991050	2	Rail kit	jeu de rails	Schienen Kit	jogo de trilhos	juego de rieles
17	17C000836	4	Bolt	boulon	Bolzen	parafuso	bulón
18	17C001032	10	Bolt	boulon	Bolzen	parafuso	bulón
19	17C001228	2	Bolt	boulon	Bolzen	parafuso	bulón
20	17D000006	4	Nut	écrou	Mutter	porca	tuerca
21	17D000009	4	Nut	écrou	Mutter	porca	tuerca
22	24E000012	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	25E000021	4	Washer	rondelle	Scheibe	arruela	arandela
24	25E000027	4	Washer	rondelle	Scheibe	arruela	arandela
25	†1919766	1	Cover	couvercle	Deckel	tampa	tapa
26	†24E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
27	†27E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
28	†17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
29	†1901079	-	Shim	cale	Beilage	calço	planchita
30	†1900168	-	Washer	rondelle	Scheibe	arruela	arandela
31	1900167	4	Washer	rondelle	Scheibe	arruela	arandela
32	1574466	2	Bushing	chemise	Buchse	bucha	buje
33	†1915205	1	Pin	goupille	Stift	pino	pasador
34	†1915214	1	Pin	goupille	Stift	pino	pasador
35	1915786	2	Bolt	boulon	Bolzen	parafuso	bulón
36	24E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
37	11H000015	2	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera

1 □514E-686-CAC&→, 508B-101-CAC&→

2 Ref RSG 47C

3 □508B-641-CAC&→

4 □514G-2911-CAC&→, 508B-851-CAC&→

4 Pour les Cummins 666B avant 500E-101-CAC

4 Für 666B Cummins vor 500E-101-CAC

4 Para Cummins 666B precedente a 500E-101-CAC

4 Para 666B Cummins anterior a 500E-101-CAC

5 Upper Hinge

5 Articulation supérieure

5 Oberes Scharnier

5 Bisagra Superior

5 Bisagra Superior

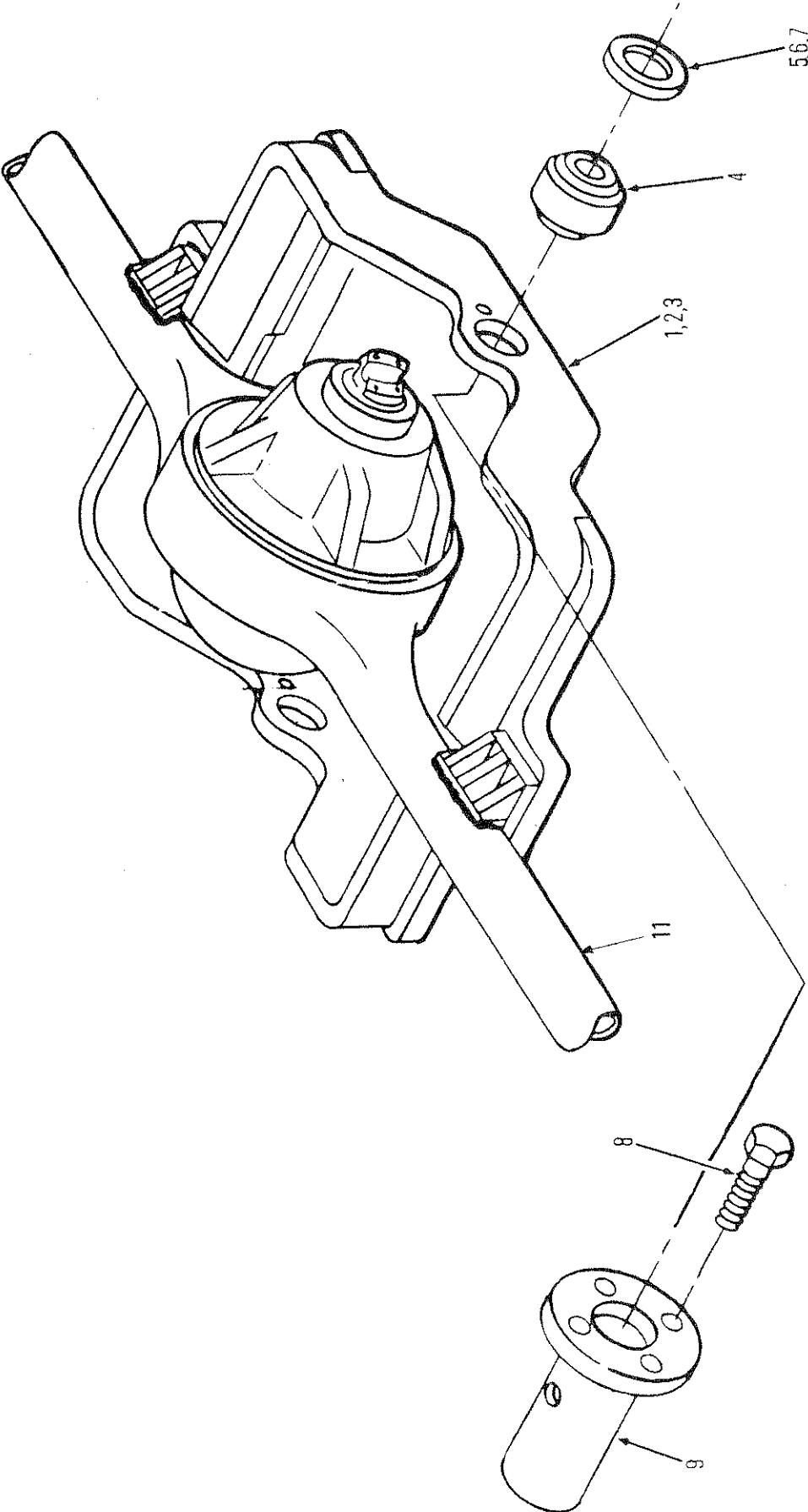
6 Lower Hinge

6 Articulation inférieure

6 Unteres Scharnier

6 Bisagra Inferior

6 Bisagra Inferior



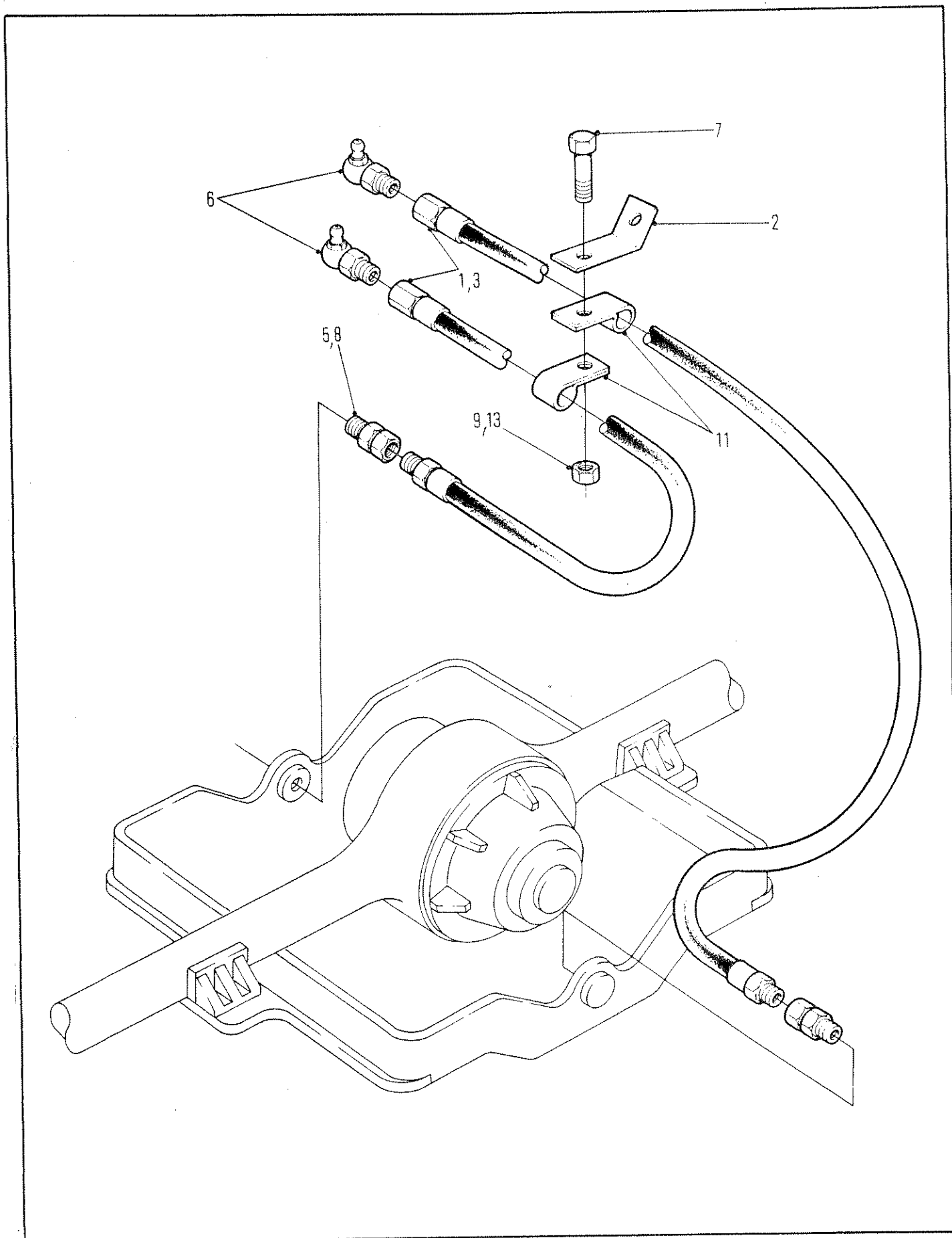
AXLE CRADLE ASSEMBLY
ESSIEU, ENSEMBLE DE BERCEAU
ACHSENLAGERUNG, VOLLSTÄNDIG
EIXO, CONJUNTO DO BÊRÇO
EJE, CONJUNTO DEL CABALLETE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1907207	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
2	1907288	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
3	1920078	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
4	1574466	2	Bushing	chemise	Buchse	bucha	buje
5	1900167	2	Washer	rondelle	Scheibe	arruela	arandela
6	1900168	-	Washer	rondelle	Scheibe	arruela	arandela
7	1901079	-	Shim	cale	Beilage	calço	planchita
8	33C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
9	1919897	2	Pin	goupille	Stift	pino	pasador
10	1991050	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
11	0-----	-	Front axle	essieu avant	Vorderachse	eixo dianteiro	eje delantero

- ¹ ☐ 17,600 Series Optional Wide-Track Axle
¹ ☐ Essieu pour chenille large en option sur la série 17,600
¹ ☐ Breitspurachse der 17,600 Serie - auf Wunsch
¹ ☐ Série 17,600 de Eixo Optativo de Carril Largo
¹ ☐ Series 17,600 de Eje Opcional de Banda Ancha

- ² ☐ 508A-851-CAC → 508B-9999-CAC

- ³ Ref RSG 47D

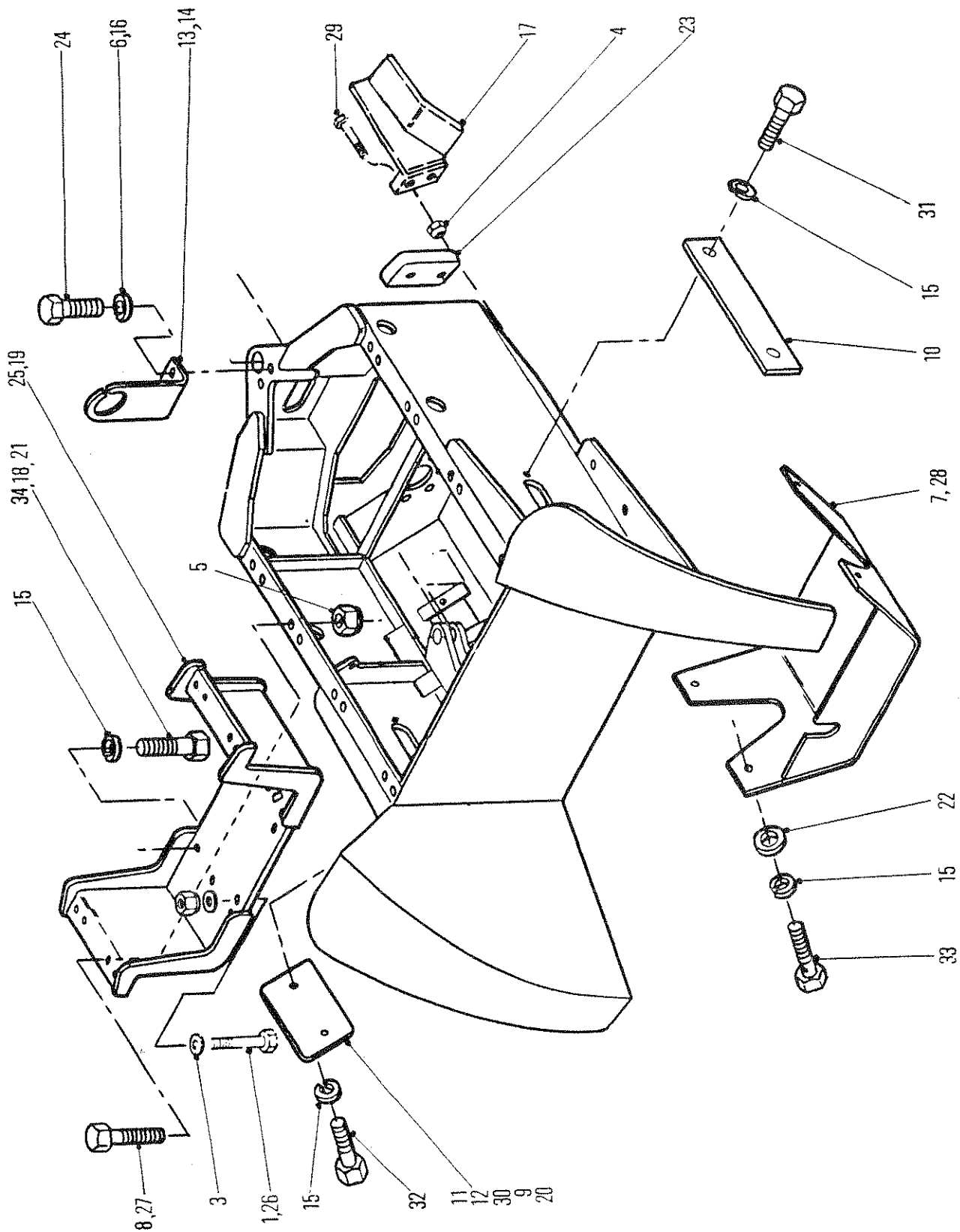


CRADLE LUBRICATION
LUBRIFICATION DU LIT
ACHSGABEL-SCHMIERUNG
LUBRIFICAÇÃO DO BERÇO
LUBRIFICACION DE LA CUNA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	¹ 1903001	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	1904293	1	Bracket	support	Winkel	grampo	grampa
3	² 1923075	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	⁺ 4E0000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	5K0000108	2	Fitting	ajustage	Verbindung	ajuste	accesorio
6	12H000015	2	Fitting	ajustage	Verbindung	ajuste	accesorio
7	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
8	32F000001	2	Fitting	ajustage	Verbindung	ajuste	accesorio
9	17D000003	1	Nut	écrou	Mutter	porca	tuerca
10	⁺ 18C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
11	30H000035	2	Clip	attache	Schelle	bracadeira	abrazadera

¹ Hose to Front Joint
¹ Tuyau souple au joint avant
¹ Schlauch zum vorderen Gelenk
¹ Mangueira à Junta da Frente
¹ Manguera para Unión Delantera

² Hose to Rear Joint
² Tuyau souple au joint arrière
² Schlauch zum hinteren Gelenk
² Mangueira à Junta de trás
² Manguera para Unión Trasera



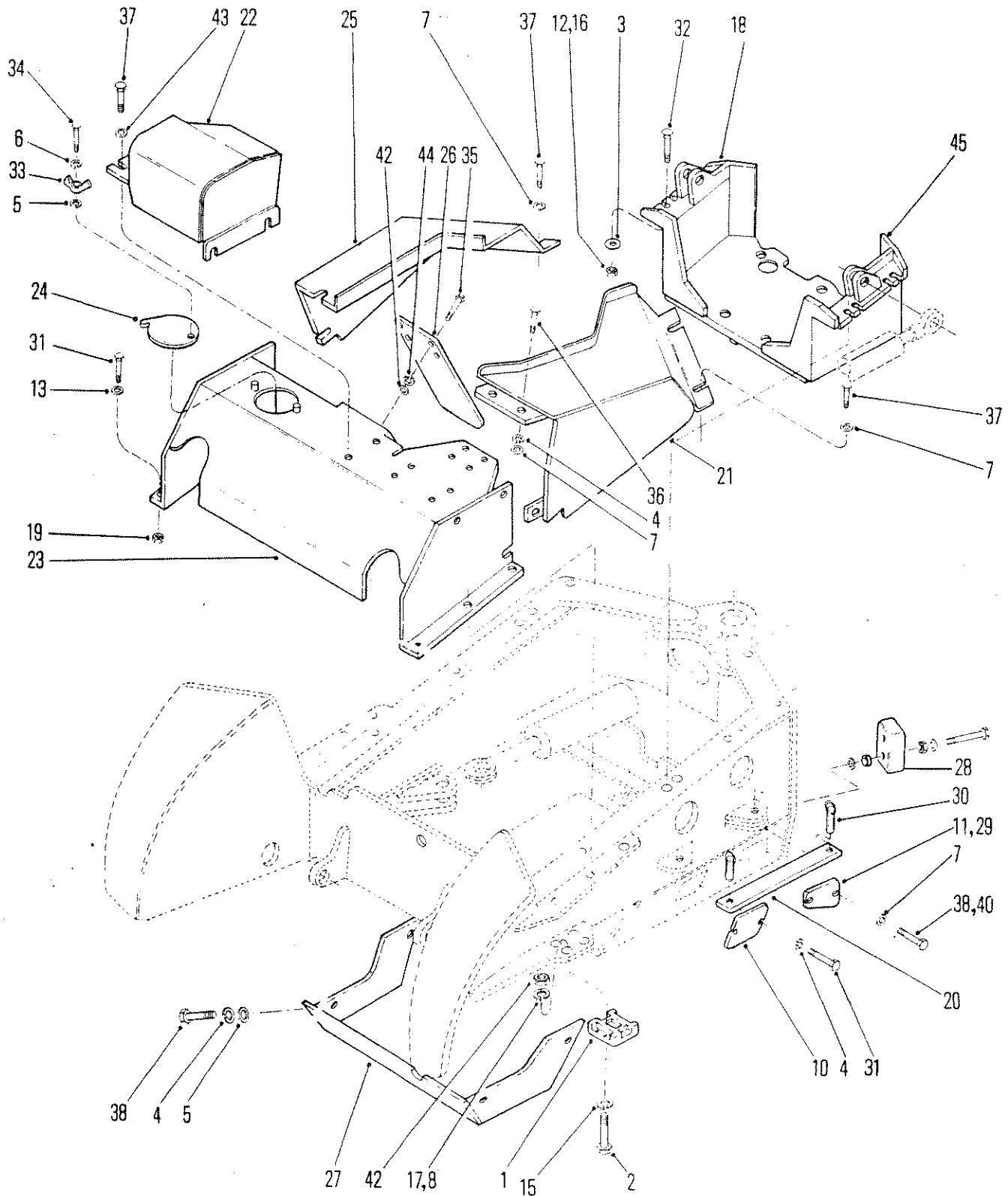
REAR FRAME & MOUNTING CHÂSSIS ARRIÈRE & MONTAGE HINTERRAHMEN UND MONTIERUNG ARMAÇÃO TRASEIRA E SUPORTE ARMAZON TRASERA Y SOPORTE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	-----	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
1	17C002080	2	Bolt	boulon	Bolzen	parafuso	bulón
2	†1317072	2	Faspin	faspin	Faspin	pino prend	horq
3	1503564	4	Washer	rondelle	Scheibe	arruela	arandela
4	17D000006	2	Nut	écrou	Mutter	porca	tuerca
5	17D000010	8	Nut	écrou	Mutter	porca	tuerca
6	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	†1900923	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
8	17C001240	8	Bolt	boulon	Bolzen	parafuso	bulón
9	24E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
10	1901466	2	Cover	couvercle	Deckel	tampa	tapa
11	1901505	2	Cover	couvercle	Deckel	tampa	tapa
12	†1901542	1	Cover	couvercle	Deckel	tampa	tapa
13	†1901981	1	Bracket	support	Winkel	grampo	grampa
14	†1903693	1	Bracket	support	Winkel	grampo	grampa
15	24E000012	18	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	25E000017	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	1905685	1	Bracket	support	Winkel	grampo	grampa
18	17C001244	8	Bolt	boulon	Bolzen	parafuso	bulón
19	†1909414	1	Winch mount	montura du treuil	Windenaufbau	montagem do guincho	montaje del guinche
20	†25E000025	2	Washer	rondelle	Scheibe	arruela	arandela
21	17C002044	8	Bolt	boulon	Bolzen	parafuso	bulón
22	27E000012	4	Washer	rondelle	Scheibe	arruela	arandela
23	○-----	-	Steering stop	arrêt de direction	Lenkanschlag	batente da direção	direc-parada
24	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
25	†1917095	1	Winch mount	montura du treuil	Windenaufbau	montagem do guincho	montaje del guinche
26	17C002048	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C002056	2	Bolt	boulon	Bolzen	parafuso	bulón
28	1907645	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
29	17C000824	7	Bolt	boulon	Bolzen	parafuso	bulón
30	†17C001024	2	Bolt	boulon	Bolzen	parafuso	bulón
31	17C001224	6	Bolt	boulon	Bolzen	parafuso	bulón
32	17C001228	2	Bolt	boulon	Bolzen	parafuso	bulón
33	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
34	17C001236	6	Bolt	boulon	Bolzen	parafuso	bulón

- † 664 & 666 with 17,600 series axle
 † 664 & 666 cum essieux série 17,600
 † 664 & 666 mit Achsen 17,600
 † 664 & 666 com eixos série 17,600
 † 664 & 666 con ejes serie 17,600

- 2 Used with Gearmatic Winch
 2 Utilisé avec le treuil Gearmatic
 2 mit Gearmatic-Winde
 2 Usado com guincho Gearmatic
 2 Se usa con guinche Gearmatic

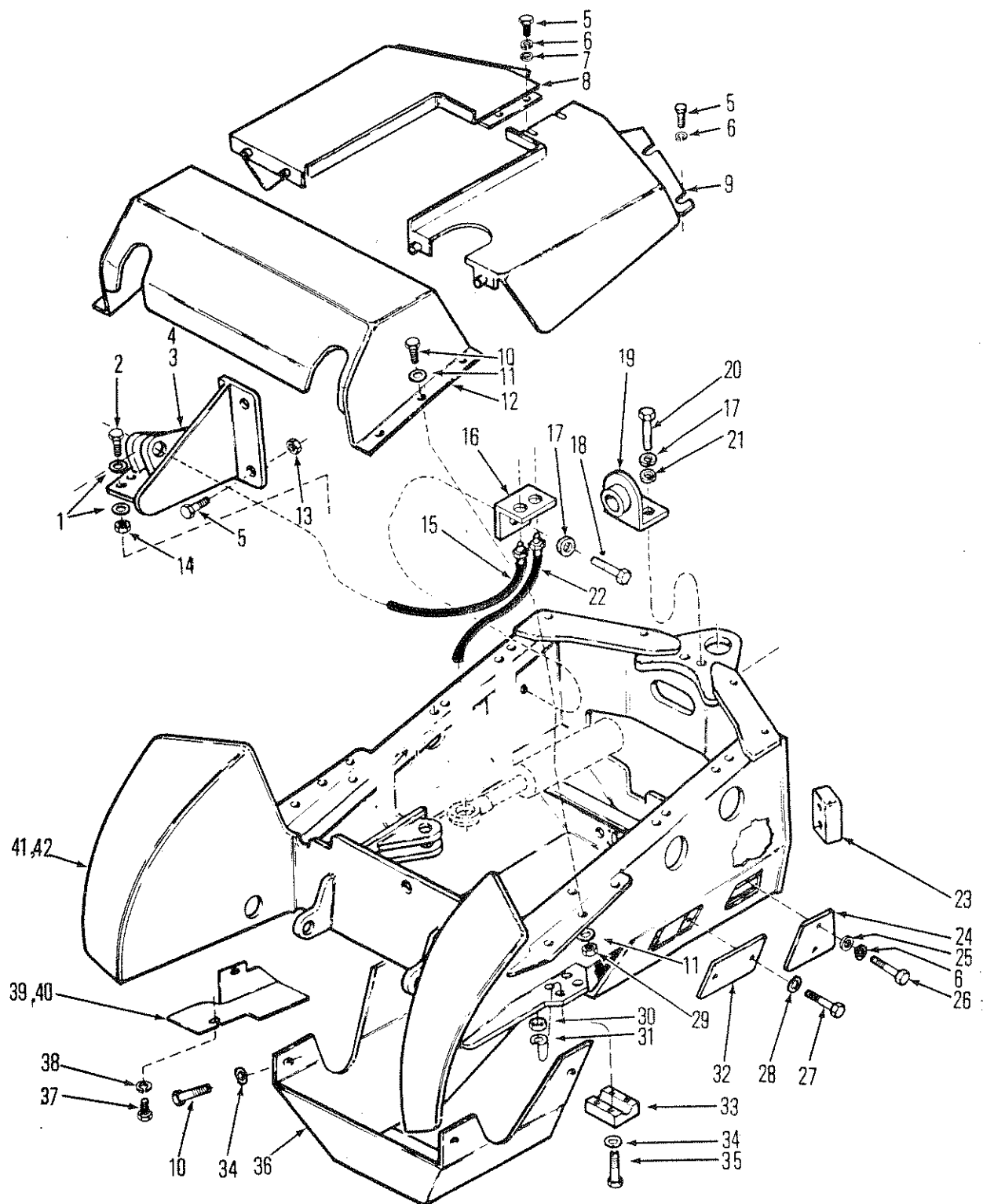
- 3 Used with Clark Winch
 3 Utilisé avec le treuil Clark
 3 mit Clark-Winde
 3 Usado com guincho Clark
 3 Se usa con guinche Clark



5551TP

REAR FRAME & MOUNTING
CHÂSSIS ARRIÈRE & MONTAGE
HINTERRAHMEN UND MONTIERUNG
ARMAÇÃO TRASEIRA E SUPORTE
ARMAZON TRASERA Y SOPORTE

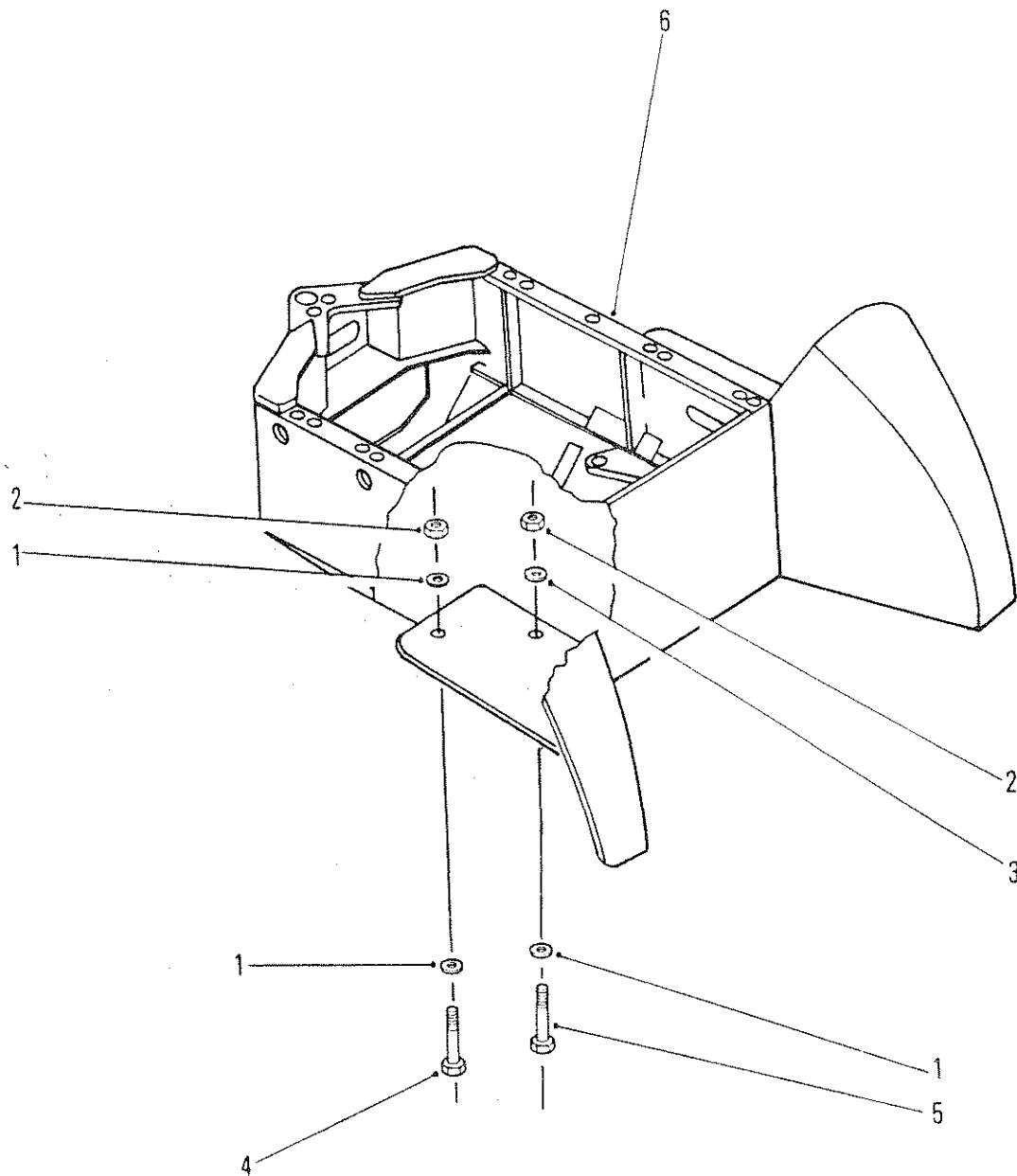
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	115971	2	Axle pad	essieu support	Achsplatte	calço do eixo	apoyo del eje
2	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón
3	713870	16	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
4	24E000012	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	25E000017	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	27E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	27E000010	15	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	1900338	4	Washer	rondelle	Scheibe	arruela	arandela
9	1901079	-	Shim	cale	Beilage	calço	planchita
10	1901505	2	Plate	plaque	Platte	placa	placa
11	1901542	1	Cover	couvercle	Deckel	tampa	tapa
12	60D000016	8	Nut	écrou	Mutter	porca	tuerca
13	27E000012	12	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
14	1905398	-	Washer	rondelle	Scheibe	arruela	arandela
15	1534237	8	Washer	rondelle	Scheibe	arruela	arandela
16	59D000006	8	Nut	écrou	Mutter	porca	tuerca
17	1907578	4	Washer	rondelle	Scheibe	arruela	arandela
18	1918898	1	Mount RH	support D	Befestigung R	apoio LD	montura LD
19	59D000012	6	Nut	écrou	Mutter	porca	tuerca
20	-----	-	Frame lock	serrure du chassis	Rahmenschlo-	trava do chassis	seguro de marco
21	1915375	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
22	1915382	1	Cover	couvercle	Deckel	tampa	tapa
23	1915423	1	Cover	couvercle	Deckel	tampa	tapa
24	1915428	1	Cover	couvercle	Deckel	tampa	tapa
25	1915462	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
26	1915482	1	Plate	plaque	Platte	placa	placa
27	1915526	1	Axle pan	carter dessieu	Achschwanne	panela do eixo	caldero del eje
28	-----	1	Steering Stop	arrêt de direction	Lenkanschlag	batente da direção	direc-parada
29	1930498	1	Cover	couvercle	Deckel	tampa	tapa
30	-----	-	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
31	17C001228	4	Bolt	boulon	Bolzen	parafuso	bulón
32	18C001272	8	Bolt	boulon	Bolzen	parafuso	bulón
33	16D000006	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
34	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
35	17C000816	4	Bolt	boulon	Bolzen	parafuso	bulón
36	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
37	17C001016	13	Bolt	boulon	Bolzen	parafuso	bulón
38	17C001024	2	Bolt	boulon	Bolzen	parafuso	bulón
39	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
40	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
41	17C001040	4	Bolt	boulon	Bolzen	parafuso	bulón
42	18D000014	8	Nut	écrou	Mutter	porca	tuerca
43	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
44	24E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
45	1918888	1	Mount LH	support G	Befestigung L	apoio LE	montura LI



5539TP

REAR FRAME & MOUNTING
CHÂSSIS ARRIÈRE & MONTAGE
HINTERRAHMEN UND MONTIERUNG
ARMAÇÃO TRASEIRA E SUPORTE
ARMAZON TRASERA Y SOPORTE

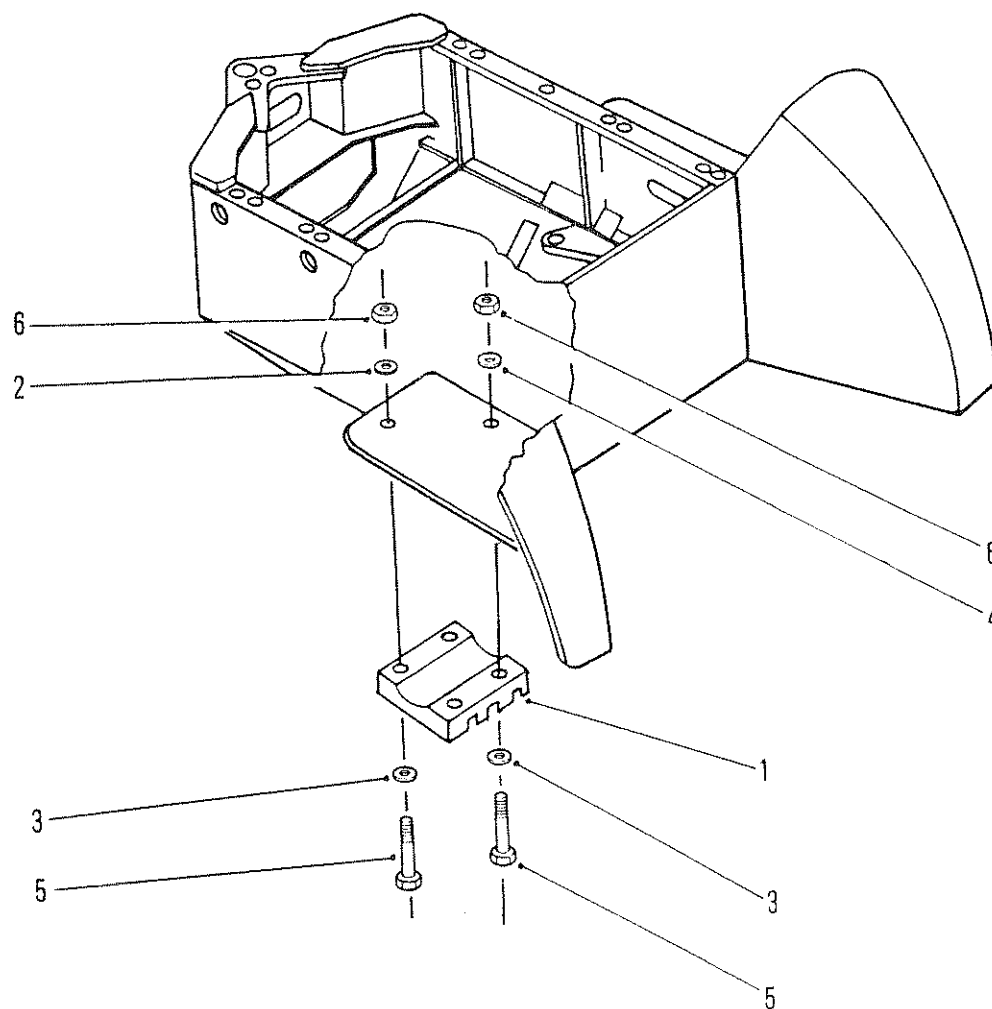
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1908261	16	Washer	rondelle	Scheibe	arruela	arandela
2	1908259	8	Bolt	boulon	Bolzen	parafuso	bulón
3	1906655	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
4	†1906656	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
5	17C001020	10	Bolt	boulon	Bolzen	parafuso	bulón
6	24E000010	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	25E000026	4	Washer	rondelle	Scheibe	arruela	arandela
8	1906841	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
9	1906840	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
10	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
11	§-----	6	Washer	rondelle	Scheibe	arruela	arandela
12	1906750	1	Cover	couvercle	Deckel	tampa	tapa
13	17D000009	4	Nut	écrou	Mutter	porca	tuerca
14	1908260	8	Nut	écrou	Mutter	porca	tuerca
15	1908558	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1909544	2	Bracket	support	Winkel	grampo	grampa
17	24E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
19	1907087	1	Hanger	charnière	Aufhänger	gancho	percha
20	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
21	25E000018	2	Washer	rondelle	Scheibe	arruela	arandela
22	11H000015	4	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
23	○-----	2	Steering stop	arrêt de direction	Lenkanschlag	batente da direção	direc-parada
24	1901542	1	Cover	couvercle	Deckel	tampa	tapa
25	619031	2	Washer	rondelle	Scheibe	arruela	arandela
26	17C001024	2	Bolt	boulon	Bolzen	parafuso	bulón
27	17C001228	2	Bolt	boulon	Bolzen	parafuso	bulón
28	24E000012	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	17D000010	6	Nut	écrou	Mutter	porca	tuerca
30	18D000014	8	Nut	écrou	Mutter	porca	tuerca
31	1534237	8	Washer	rondelle	Scheibe	arruela	arandela
32	1901505	1	Plate	plaque	Platte	placa	placa
33	115971	2	Axle pad	essieu support	Achsplatte	calçp do eixo	apoyo del eje
34	616813	8	Washer	rondelle	Scheibe	arruela	arandela
35	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón
36	1907224	2	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
37	17C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
38	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	1907072	1	Guard RH	protecteur CD	Schutz R	proteção LD	protector LD
40	1907073	1	Guard LH	protecteur CG	Schutz L	proteção LE	protector LI
41	1914850	1	Frame rear	châssis arrière	Hinterrahmen	chassi traseiro	bastidor trasero
42	1906719	1	Frame assembly	ass du chassis	Rahmeneinheit	conj do chassis	estruc marco
43	†27E000012	2	Washer	rondelle	Scheibe	arruela	arandela
44	†11H000015	4	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
45	†17C000612	2	Bolt	boulon	Bolzen	parafuso	bulón



5535TP

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

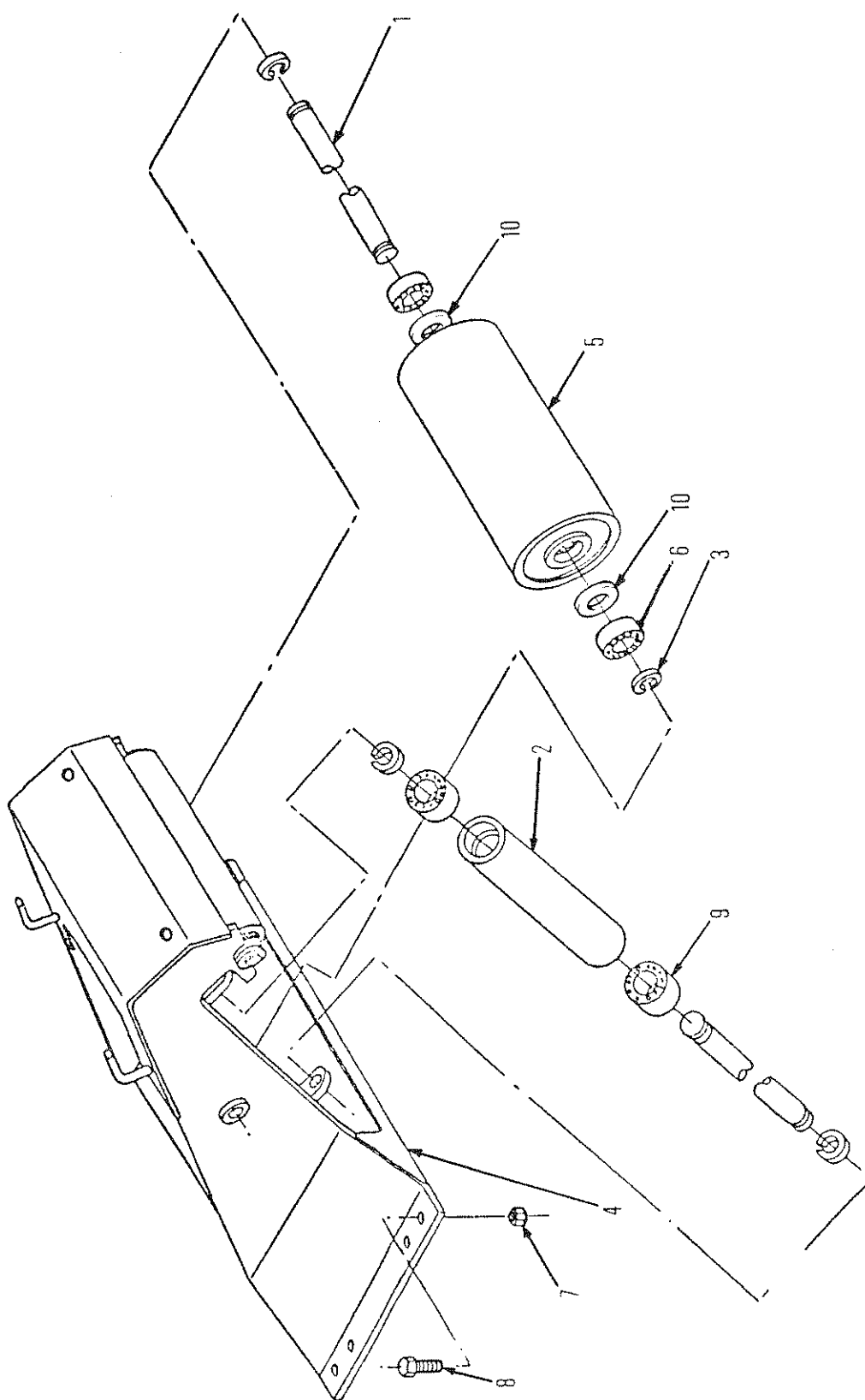
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1900671	16	Washer outer	rondeffe extérieure	Dichtung ausien	arruela exterior	arandela exterior
2	60D000012	8	Nut	écrou	Mutter	porca	tuerca
3	1907578	8	Washer inner	rondeffe intérieure	Dichtung innen	arruela interior	arandela interior
4	18C001256	4	Bolt	boulon	Bolzen	parafuso	bulón
5	18C001264	4	Bolt	boulon	Bolzen	parafuso	bulón
6	○-----	-	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior



5532TP

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	115971	2	Axle pad	essieu support	Achsplatte	calço do eixo	apoyo del eje
2	1900338	4	Washer	rondelle	Scheibe	arruela	arandela
3	27E000016	12	Washer	rondelle	Scheibe	arruela	arandela
4	1907578	8	Washer	rondelle	Scheibe	arruela	arandela
5	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón
6	60D000014	8	Nut	écrou	Mutter	porca	tuerca



**FAIRLEAD AND 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	1900194	4	Shaft	arbre	Welle	ávore	árbol
2	1901550	3	Roller	galet	Rolle	rolete	rodillo
3	1902877	8	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	1903465	1	Fairlead assy	ass du guide câble	Führungseinheit	cj cond cabo	conj pol guía
5	1937131	1	Roller	galet	Rolle	rolete	rodillo
6	1937132	2	Bearing	palier	Lager	mancal	cojinete
7	59D000012	8	Nut	écrou	Mutter	porca	tuerca
8	17C001252	8	Bolt	boulon	Bolzen	parafuso	bulón
9	1935453	6	Bearing	palier	Lager	mancal	cojinete
10	1937129	2	Spacer	entretoise	Distanzteil	espaçador	espaciador

¹ Open side of bearings should be together when assembled

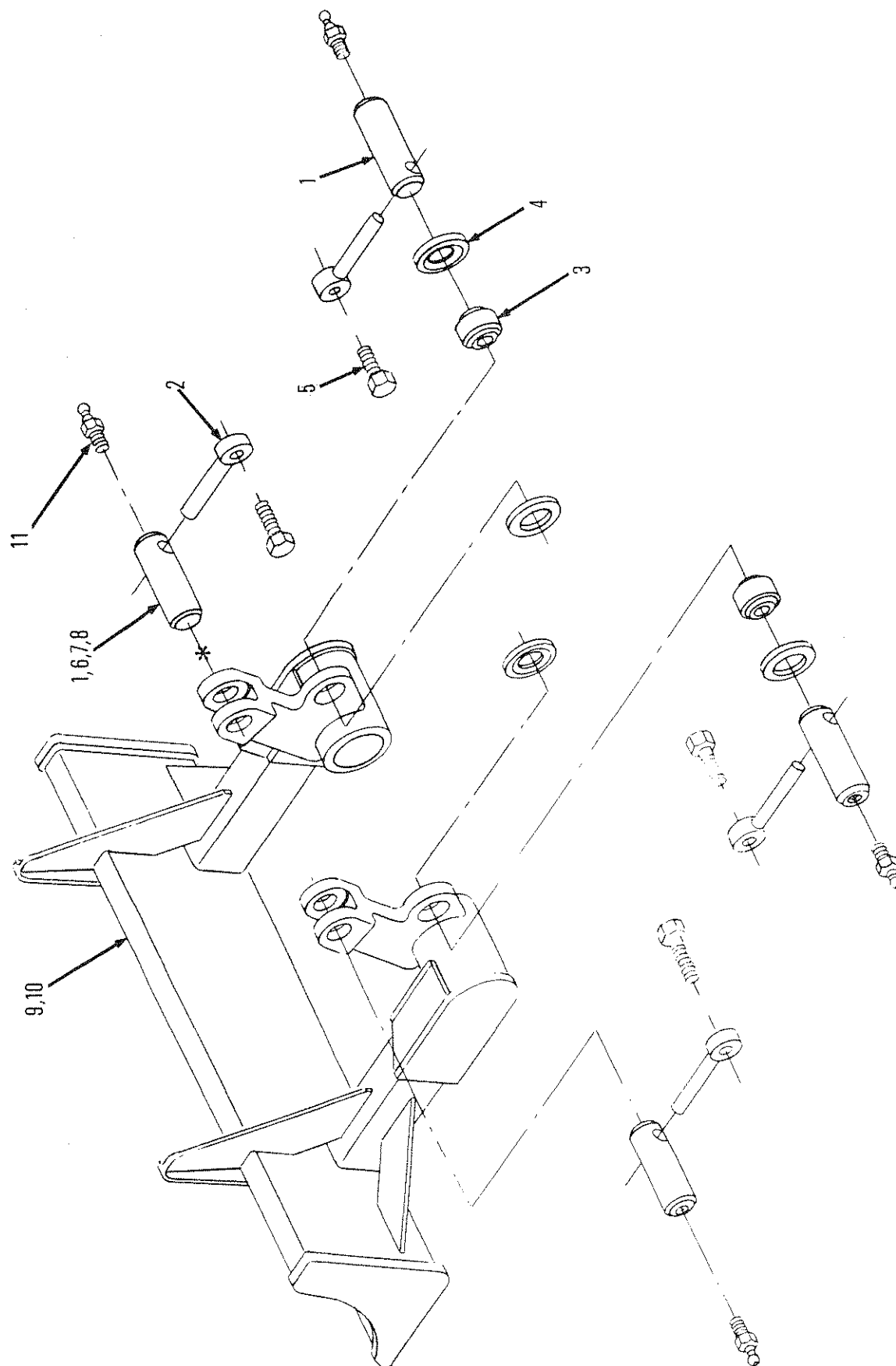
¹ Les côtés ouverts des paliers doivent être ensemble lors du montage

¹ Offene Lagerseite muss bei Zusammenbau zusammen sein

¹ Os lados abertos dos mancais devem estar juntos quando forem montados

¹ Partes abiertas de los cojinetes deben estar juntas cuando estan armados

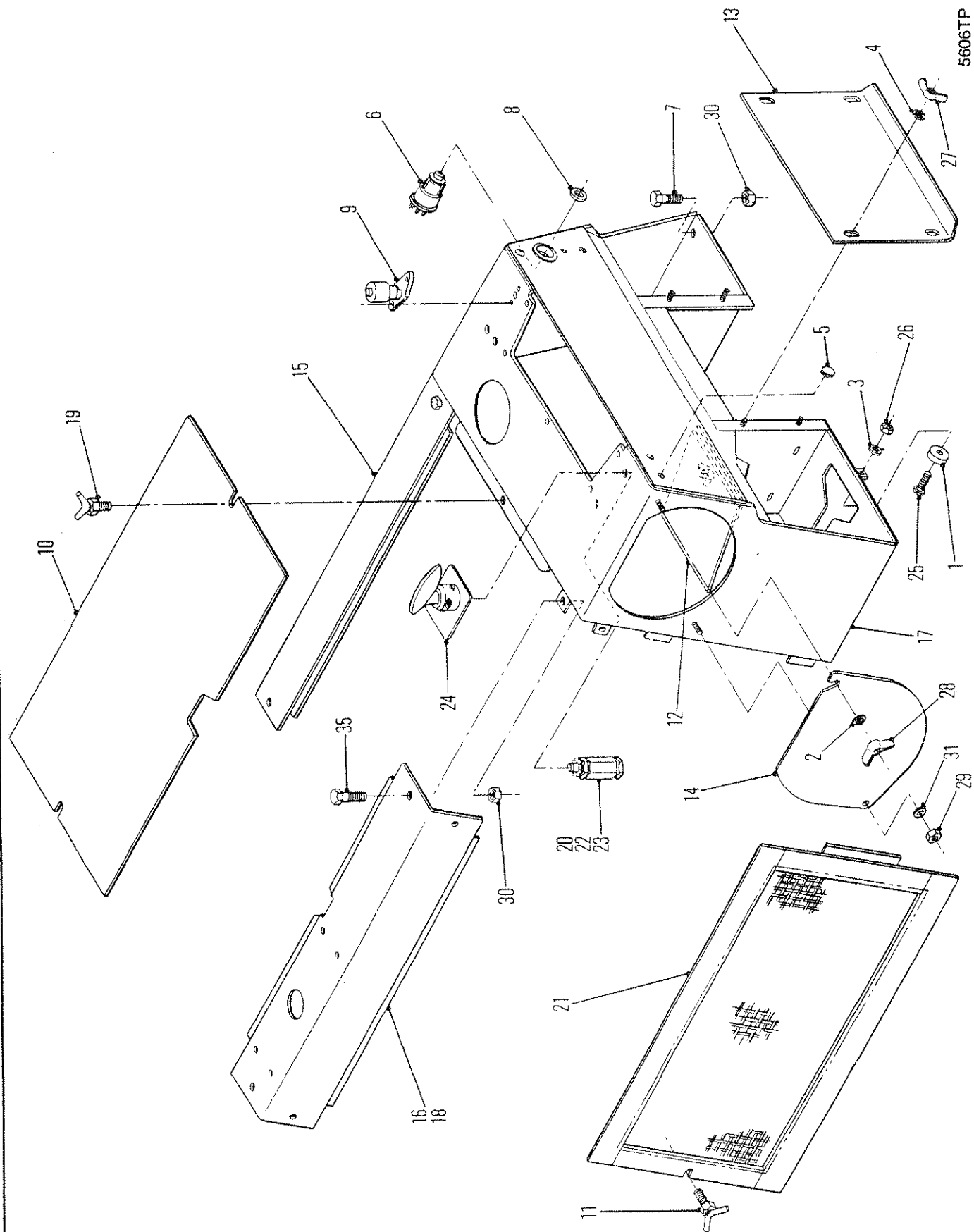
² Ref RSG 331 Spacer is not required when servicing 1937131 roller.



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1915205	6	Pin	goupille	Stift	pino	pasador
2	586452	6	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
3	1574466	2	Bushing	chemise	Buchse	bucha	buje
4	1900168	2	Washer	rondelle	Scheibe	arruela	arandela
5	33C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
6	1901079	-	Washer	rondelle	Scheibe	arruela	arandela
7	1905398	-	Washer	rondelle	Scheibe	arruela	arandela
8	1905398	-	Washer	rondelle	Scheibe	arruela	arandela
9	1919071	1	Blade	lame	Schild	lâmina	cuchilla
10	1923960	2	Plate	plaque	Platte	placa	placa
11	10H000025	6	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

1 Ref RSG 189



5606TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfänger	batente	tope
2	619027	1	Washer	rondelle	Scheibe	arruela	arandela
3	616775	1	Washer	rondelle	Scheibe	arruela	arandela
4	664423	4	Washer	rondelle	Scheibe	arruela	arandela
5	696073	2	Button	bouton	Knopf	botão	botón
6	1733622	1	Switch	interrupteur	Schalter	interruptor	interruptor
7	17C001024	8	Bolt	boulon	Bolzen	parafuso	bulón
8	28-----	1	Ring	anneau	Ring	anel	anillo
9	1529625	1	Indicator assy	indicateur ens	Messer vollst	indicador conj	indicador conj
10	1901098	1	Panel hood	panneau capot	Verkleidung Hauben	painel do capô	panel del capó
11	1901362	2	Bolt	boulon	Bolzen	parafuso	bulón
12	1902031	1	Plate	plaque	Platte	placa	placa
13	1902037	1	Cover	couvercle	Deckel	tampa	tapa
14	1902861	1	Cover	couvercle	Deckel	tampa	tapa
15	1904644	1	Rail RH	rail CD	Schiene R	trilho LD	riel LD
16	1904645	1	Rail	barre	Gelnder	trilho	riel
17	1904646	1	Firewall assy	ass du pare-feu	Brandschotteinheit	conj parede refrat	conj pared cotríg
18	1908122	1	Rail	barre	Gelnder	trilho	riel
19	1909557	2	Bolt	boulon	Bolzen	parafuso	bulón
20	1917793	1	Lock-up valve	soupape de sreté	Verschlu-ventil	válv de fech	válv de cierre
21	1922815	2	Side panel	panneau latéral	Seitenblech	panel lateral	panel lateral
22	1990398	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
23	1990399	1	Pushrod assy	tige poussoir ens	Stößelstange vollst	haste impulso conj	varilla empuje conj
24	1990604	1	Cam&handle	came&manette	Nockenhebel	camo&punho	leva&manija
25	2G0001010	1	Screw	vis	Schraube	parafuso	tornillo
26	14D000010	1	Nut	écrou	Mutter	porca	tuerca
27	16D000006	5	Nut	écrou	Mutter	porca	tuerca
28	16D000008	1	Nut	écrou	Mutter	porca	tuerca
29	17D000006	1	Nut	écrou	Mutter	porca	tuerca
30	17D000009	12	Nut	écrou	Mutter	porca	tuerca
31	25E000021	1	Washer	rondelle	Scheibe	arruela	arandela

¹ Inc 8

² See 6

² Voir 6

² Siehe 6

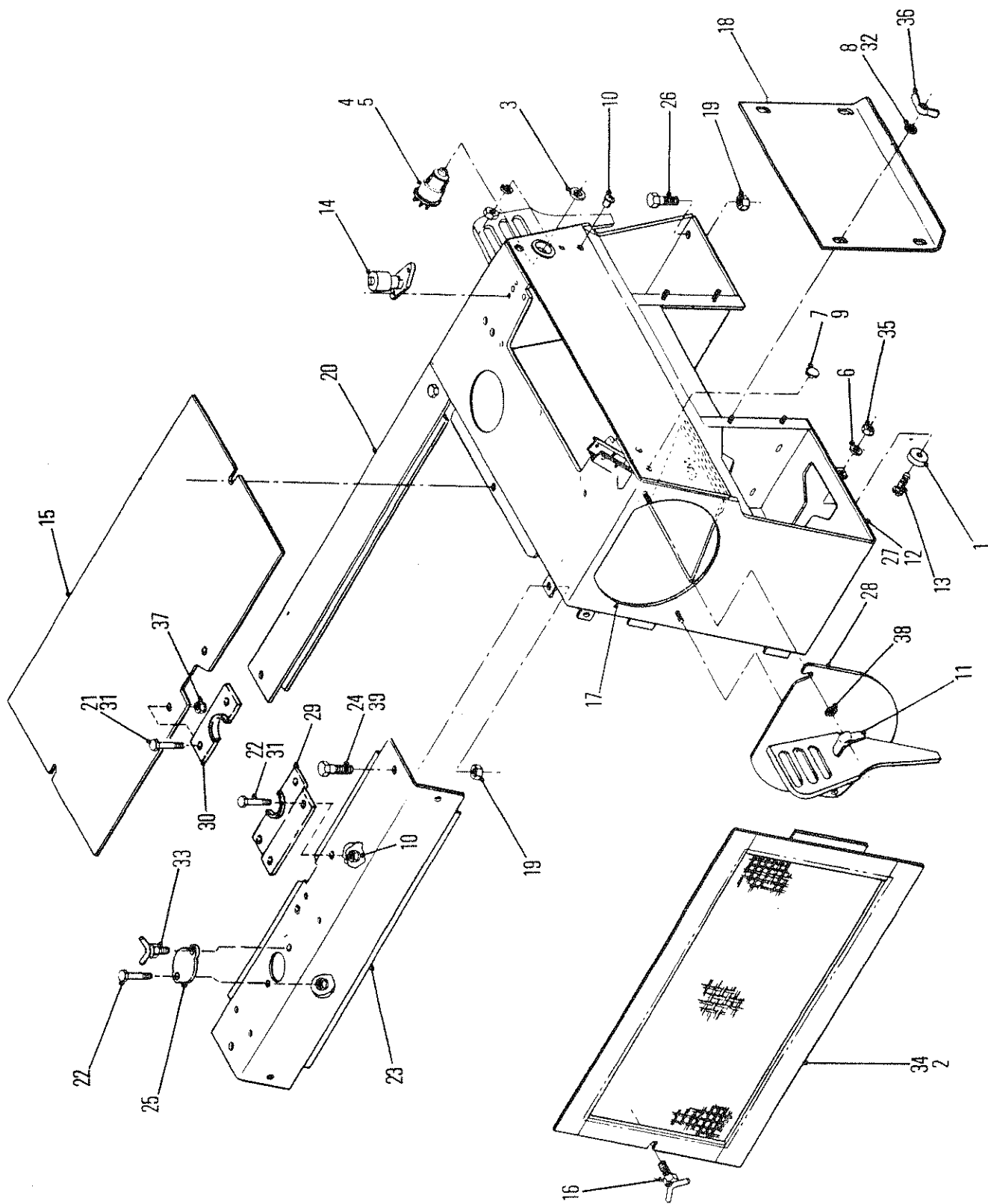
² Veja 6

² Véase 6

³ 664

⁴ Inc 24

⁵ 666



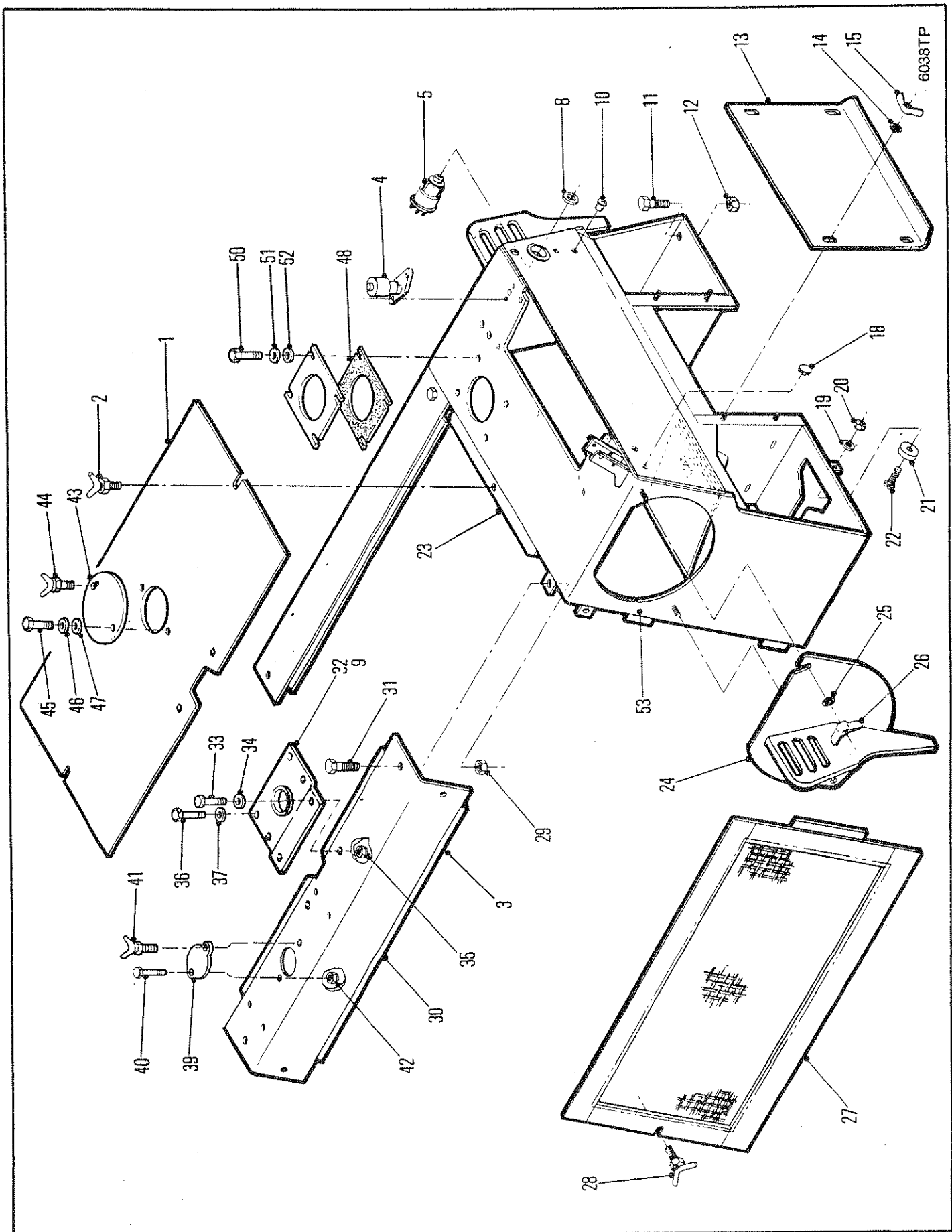
5607TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	302568	1	Bumper	butoir	Stoßfinger	balente	tope
2	1901712	2	Panel	panneau	Tafel	painel	panel
3	547237	1	Disc	disque	Scheibe	disco	disco
4	573548	1	Switch	interrupteur	Schalter	interruptor	interruptor
5	600259	1	Button	bouton	Knopf	botão	botón
6	616775	1	Washer	rondelle	Scheibe	arruela	arandela
7	661862	1	Button	bouton	Knopf	botão	botón
8	664423	4	Washer	rondelle	Scheibe	arruela	arandela
9	696073	2	Button	bouton	Knopf	botão	botón
10	17D000003	2	Nut	écrou	Mutter	porca	tuerca
11	17D000006	2	Nut	écrou	Mutter	porca	tuerca
12	1917187	1	Firewall	pare-feu	Brandschollern	pared refrat	pared cotrfg
13	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
14	1529625	1	Indicator	indicateur	Messer	indicador	indicador
15	21901098	1	Top panel assy	ass du pann sup	Deckplatteneinheit	cj painel superior	conj panel sup
16	1901362	2	Bolt	boulon	Bolzen	parafuso	bulón
17	1902031	1	Cover panel	panneau de couvercle	Deckplatte	painel de cobertura	panel de cubierta
18	1902037	1	Panel	panneau	Tafel	painel	panel
19	17D000009	4	Nut	écrou	Mutter	porca	tuerca
20	21904644	1	Rail assy RH	assemblage du rail D	Schieneneneinheit R	conj do trilho LD	conjunto riel LD
21	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
23	1908122	1	Rail assy LH	assemblage du rail G	Schieneneneinheit L	conj do trilho LE	conjunto riel LI
24	17C001020	8	Bolt	boulon	Bolzen	parafuso	bulón
25	1909215	1	Cover	couvercle	Deckel	tampa	tapa
26	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
27	21909627	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
28	1914237	1	Cover	couvercle	Deckel	tampa	tapa
29	1915233	1	Cover	couvercle	Deckel	tampa	tapa
30	1915236	1	Cover	couvercle	Deckel	tampa	tapa
31	25E000016	6	Washer	rondelle	Scheibe	arruela	arandela
32	25E000017	4	Washer	rondelle	Scheibe	arruela	arandela
33	1915267	1	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
34	1922815	2	Side panel	panneau latéral	Seitenblech	painel lateral	panel lateral
35	14D000010	1	Nut	écrou	Mutter	porca	tuerca
36	16D000006	5	Nut	écrou	Mutter	porca	tuerca
37	17D000001	2	Nut	écrou	Mutter	porca	tuerca
38	25E000021	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
39	65D000010	8	Nut	écrou	Mutter	porca	tuerca

1 □ 514E-101-CAC&→, 508B-101-CAC&→

2 □ 514F-101-CAC&→,

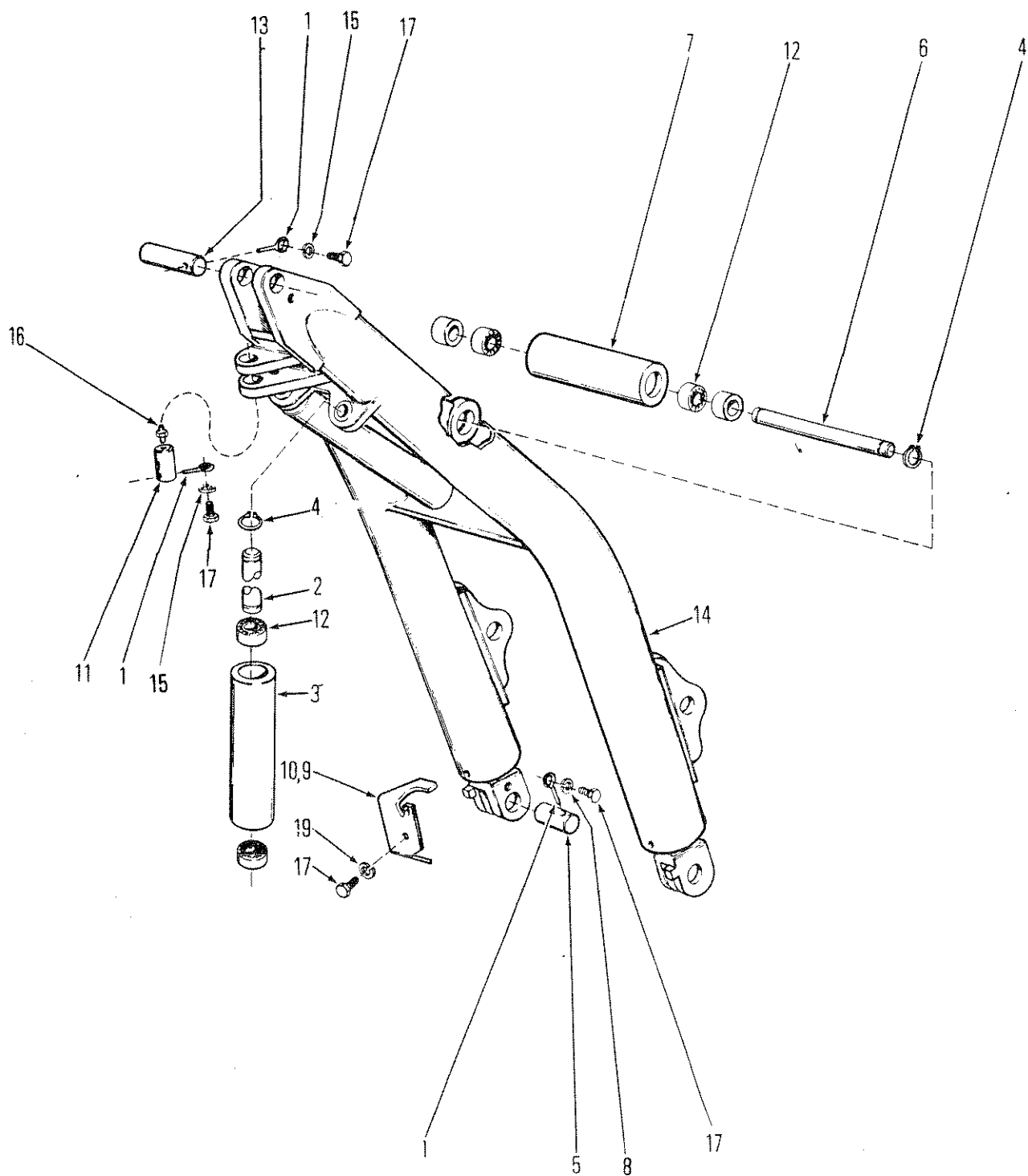


FIREWALL ASSEMBLY CLOISON PARE-FEU BRANDWAND-AUFBAU CONJUNTO DO PÁRA-FOGO CONJUNTO DEL CONTRAFUEGOS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1922992	1	Top panel assy	ass du pann sup	Deckplatteneinheit	cj painel superior	conj panel sup
2	1919557	2	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
3	1922984	1	Rail assy RH	assemblage du rail D	Schieneneneinheit R	conj do trilho LD	conjunto riel LD
4	1529625	1	Indicator assy	indicateur ens	Messer vollst	indicador conj	indicador conj
5	573548	1	Switch	interrupteur	Schalter	interruptor	interruptor
6	-----	1	Nut	écrou	Mutter	porca	tuerca
7	-----	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
8	547237	1	Disc	disque	Scheibe	disco	disco
9	1922932	1	Cover	couvercle	Deckel	tampa	tapa
10	743200	2	Plug	bouchon	Stopfen	bujão	tapón
11	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
12	17D000009	4	Nut	écrou	Mutter	porca	tuerca
13	1902037	1	Panel	panneau	Tafel	painel	panel
14	25E000017	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	16D000006	4	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
16	1661862	1	Button	bouton	Knopf	botão	botón
17	1600259	1	Button	bouton	Knopf	botão	botón
18	696073	1	Button	bouton	Knopf	botão	botón
19	616775	1	Washer	rondelle	Scheibe	arruela	arandela
20	14D000010	1	Nut	écrou	Mutter	porca	tuerca
21	302568	1	Bumper	butoir	Stoßfinger	batente	tope
22	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
23	1917187	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
24	1914237	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
25	25E000021	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
26	17D000006	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
27	1922815	2	Side panel	panneau latéral	Seitenblech	painel lateral	panel lateral
28	1901362	2	Wing bolt	boulon à oreilles	Flügelbolzen	parafuso com orelhas	perno de orejas
29	165D000010	8	Nut	écrou	Mutter	porca	tuerca
30	1922961	1	Rail assy LH	assemblage du rail G	Schieneneneinheit L	conj do trilho LE	conjunto riel LI
31	17C001020	8	Bolt	boulon	Bolzen	parafuso	bulón
32	1922934	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
33	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
34	25E000018	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
35	17D000003	1	Nut	écrou	Mutter	porca	tuerca
36	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
37	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
38	124E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	1909215	1	Cover	couvercle	Deckel	tampa	tapa
40	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
41	1915267	1	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
42	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
43	1909215	1	Cover	couvercle	Deckel	tampa	tapa
44	1915267	1	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
45	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
46	27E000006	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
47	24E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
48	1922918	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
49	1922919	1	Cover	couvercle	Deckel	tampa	tapa
50	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
51	25E000013	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
52	4E0000004	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
53	1902031	1	Cover	couvercle	Deckel	tampa	tapa

1 □ 664,664Gr

2 □ 666GM,666GM Gr

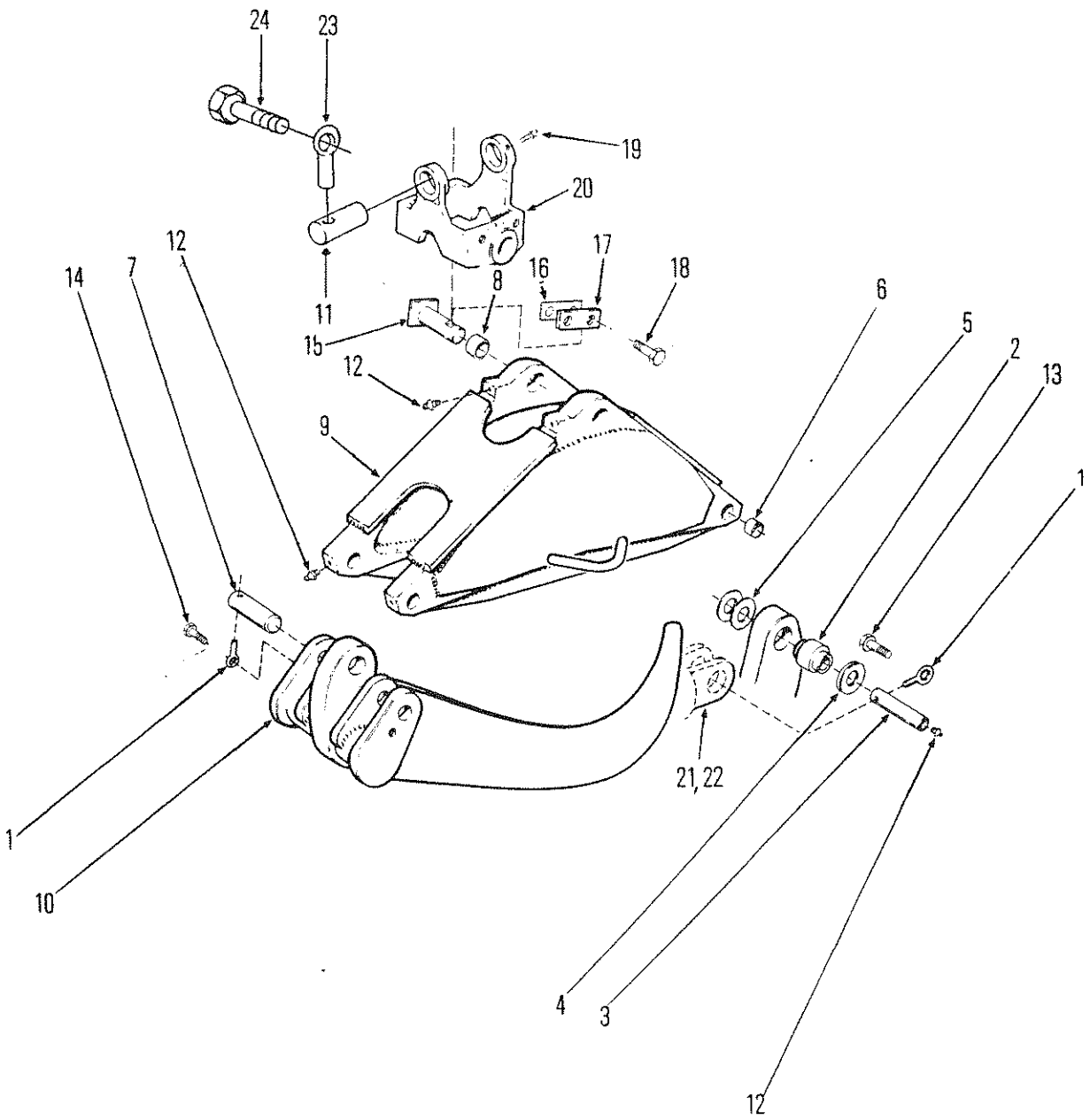


5616TP

ARCH ASSEMBLY
ASSEMBLAGE D'ARCHE
BOGENEINHEIT
CONJUNTO DO ARCO
CONJUNTO DO ARCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1905655	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
B	1918905	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
1	586452	4	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1900194	2	Shaft	arbre	Welle	ávore	árbol
3	1901550	2	Guide roller	rouleau de guidage	Führungsrolle	guia do rolamento	rodillo guía
4	1902877	6	Snap ring	circlips	Sperring	anel de trava	anillo de retención
5	1903262	2	Pin	goupille	Stift	pino	pasador
6	1905646	1	Shaft	arbre	Welle	ávore	árbol
7	1905652	1	Roller	galet	Rolle	rolete	rodillo
8	24E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	1907040	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
10	1907042	1	Hose guard	garde de la conduite	Schlauchschutz	protetor mangueira	guard amanguera
11	1907252	1	Pin	goupille	Stift	pino	pasador
12	1908365	8	Bearing	palier	Lager	mancal	cojinete
13	1916441	1	Pin	goupille	Stift	pino	pasador
14	1917763	1	Arch	arche	Bogen	arco	arco
15	27E000008	1	Washer	rondelle	Scheibe	arruela	arandela
16	10H000025	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	17C000820	8	Bolt	boulon	Bolzen	parafuso	bulón

1 Inc 4, 6, 7, 12 & 14

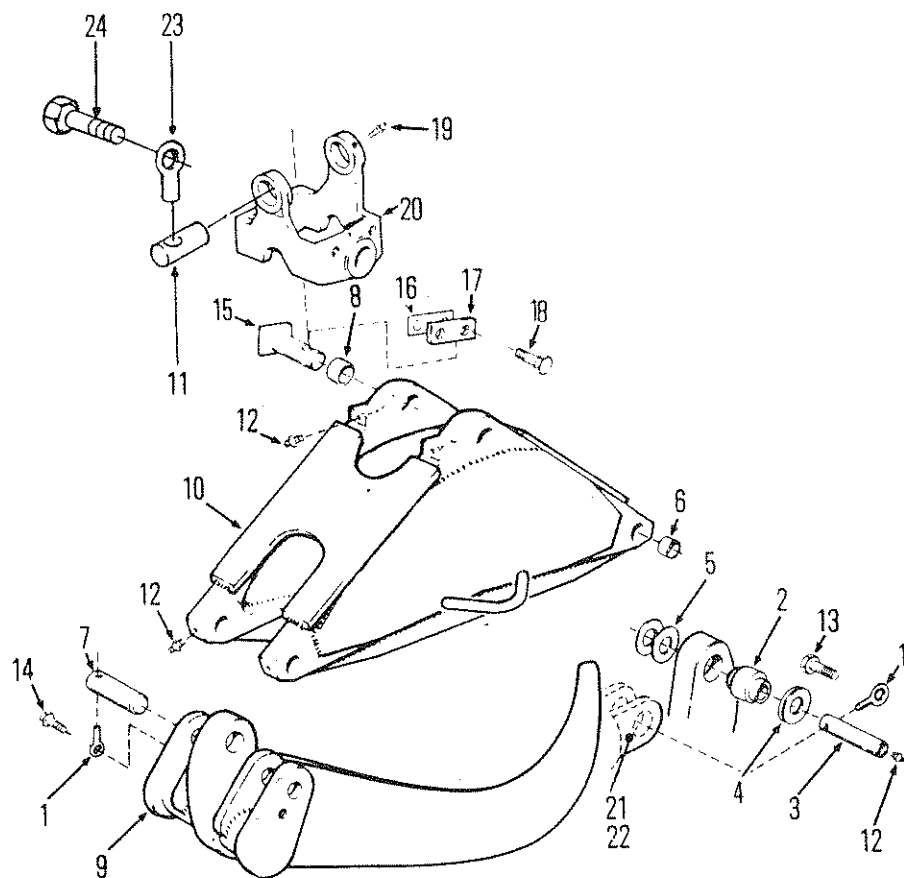


GRAPPLE ASSEMBLY 70 IN -1778,0 MM
ENSEMBLE DE GRAPPIN 70 IN -1778,0 MM
GREIFER-BAUGRUPPE 70 IN -1778,0 MM
CONJUNTO DE GARRA 70 IN -1778,0 MM
CONJUNTO DE GARRA 70 IN -1778,0 MM

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990594	1	Grapple assy	ass de la grappin	Greifereinheit	conj de garras	conj agarre
1	586452	6	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1573309	2	Bushing	chemise	Buchse	bucha	buje
3	1903262	2	Pin	goupille	Stift	pino	pasador
4	1903689	1	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
5	‡1905176	-	Shim	cale	Beilage	calço	planchita
6	1905507	4	Bushing	chemise	Buchse	bucha	buje
7	1905513	4	Pin	goupille	Stift	pino	pasador
8	1905553	2	Bushing	chemise	Buchse	bucha	buje
9	1907000	1	Box	bote	Kasten	caixa	caja
10	1907030	2	Arm	bras	Arm	braço	brazo
11	1905513	2	Pin	goupille	Stift	pino	pasador
12	10H000025	10	Fitting	ajustage	Verbindung	ajuste	accesorio
13	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
14	33C000816	4	Bolt	boulon	Bolzen	parafuso	bulón
15	1907838	2	Pin	goupille	Stift	pino	pasador
16	‡1907842	-	Shim	cale	Beilage	calço	planchita
17	1907841	2	Lockplate	plaque darrêt	Schlossblech	chapa retentora	chapa seguridad
18	33C000816	4	Bolt	boulon	Bolzen	parafuso	bulón
19	10H000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
20	1906238	1	Yoke	chape	Joch	garfo	horqueta
21	1-----	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
22	2-----	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
23	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
24	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Ref E1 13000

² Ref E1 13050



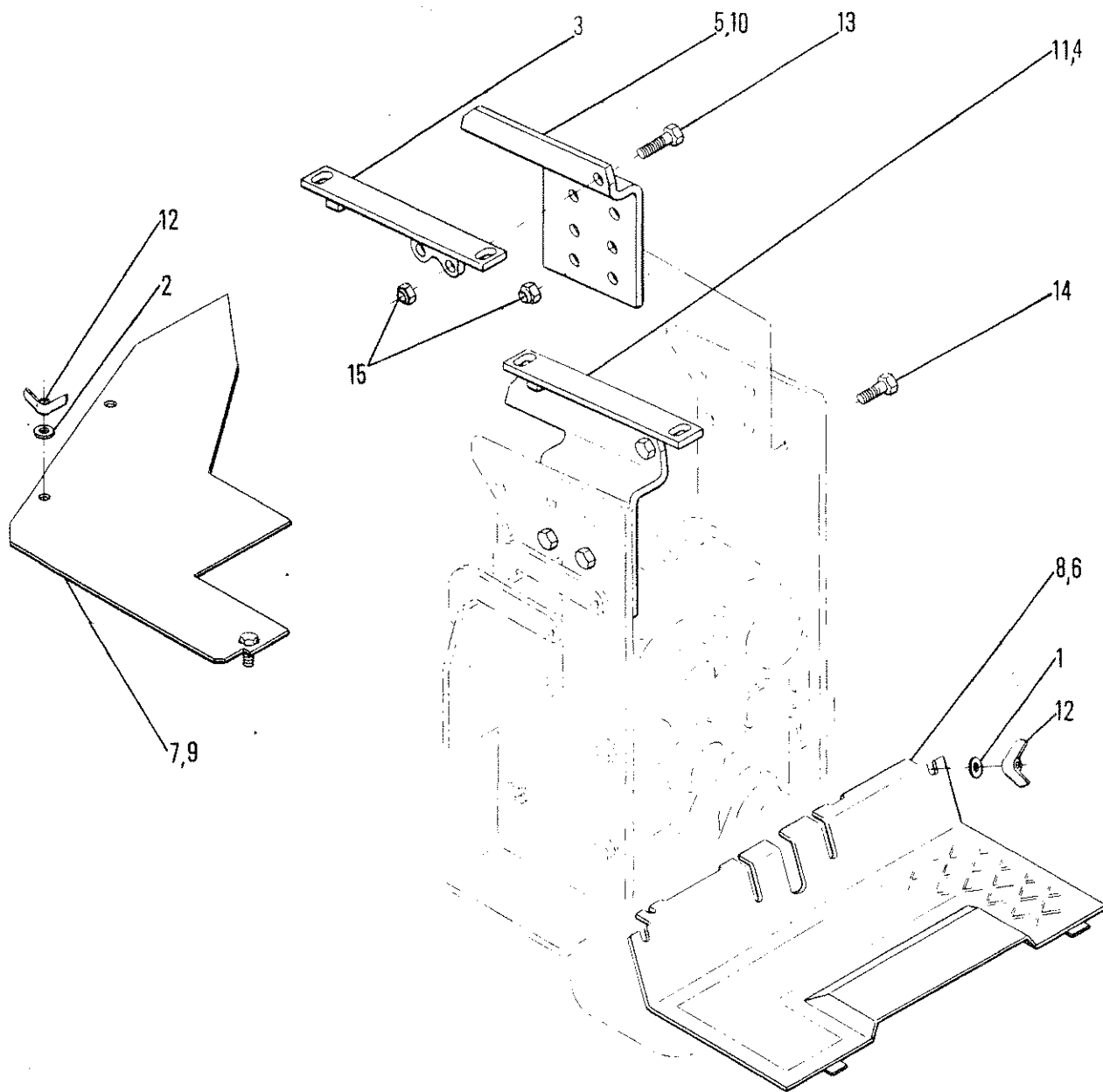
5612TP

GRAPPLE ASSEMBLY 102 IN - 2,59 M
ENSEMBLE DE GRAPPIN 102 IN - 2,59 M
GREIFER-BAUGRUPPE 102 IN - 2,59 M
CONJUNTO DE GARRA 102 IN - 2,59 M
CONJUNTO DE GARRA 102 IN - 2,59 M

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1990595	1	Grapple assy	ass de la grappin	Greifereinheit	conj de garras	conj agarre
1	586452	6	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1573309	2	Bushing	chemise	Buchse	bucha	buje
3	1903262	2	Pin	goupille	Stift	pino	pasador
4	1903689	1	Thrust washer	rondelle pousse	Ritzeldruck	arruela empuxo	arandela empuje
5	1905176	-	Shim	cale	Beilage	calço	planchita
6	1905507	4	Bushing	chemise	Buchse	bucha	buje
7	1905513	4	Pin	goupille	Stift	pino	pasador
8	1905553	2	Bushing	chemise	Buchse	bucha	buje
9	1907440	2	Arm	bras	Arm	braço	brazo
10	1907580	1	Box	bote	Kasten	caixa	caja
11	1905513	2	Pin	goupille	Stift	pino	pasador
12	10H000025	10	Fitting	ajustage	Verbindung	ajuste	accesorio
13	33C00820	4	Bolt	boulon	Bolzen	parafuso	bulón
14	33C000816	4	Bolt	boulon	Bolzen	parafuso	bulón
15	1907838	2	Pin	goupille	Stift	pino	pasador
16	1907842	-	Shim	cale	Beilage	calço	planchita
17	1907841	2	Lockplate	plaque darrêt	Schlossblech	chapa retentora	chapa seguridad
18	33C000816	4	Bolt	boulon	Bolzen	parafuso	bulón
19	10H000025	2	Fitting	ajustage	Verbindung	ajuste	accesorio
20	1906238	1	Yoke	chape	Joch	garfo	horqueta
21	1-----	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
22	2-----	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
23	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
24	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Ref E1 13000

² Ref E1 13050



5691TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	619024	2	Washer	rondelle	Scheibe	arruela	arandela
2	664423	3	Washer	rondelle	Scheibe	arruela	arandela
3	1901739	2	Seat support	support siège	Sitzabstützung	suporte assento	soporte asiento
4	1902034	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
5	1902035	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
6	¹ 1902604	1	Floor panel	panneau du fond	Bodenplatte	painel do piso	panel del piso
7	1902962	1	Cover panel	panneau de couvercle	Deckplatte	painel de cobertura	panel de cubierta
8	1902976	1	Floor panel	panneau du fond	Bodenplatte	painel do piso	panel del piso
9	³ 1907084	1	Cover panel	panneau de couvercle	Deckplatte	painel de cobertura	panel de cubierta
10	² 1913760	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
11	² 1913761	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
12	16D000006	5	Nut	écrou	Mutter	porca	tuerca
13	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
14	17C001228	4	Bolt	boulon	Bolzen	parafuso	bulón
15	17D000006	6	Nut	écrou	Mutter	porca	tuerca

¹ Parking brake optional

¹ Frein de stationnement en option

¹ Parkbremse als Sonderausstattung lieferbar

¹ Freio de estacionamento opcional

¹ Freno de estacionamiento opcional

² 664Gr optional rotating seat

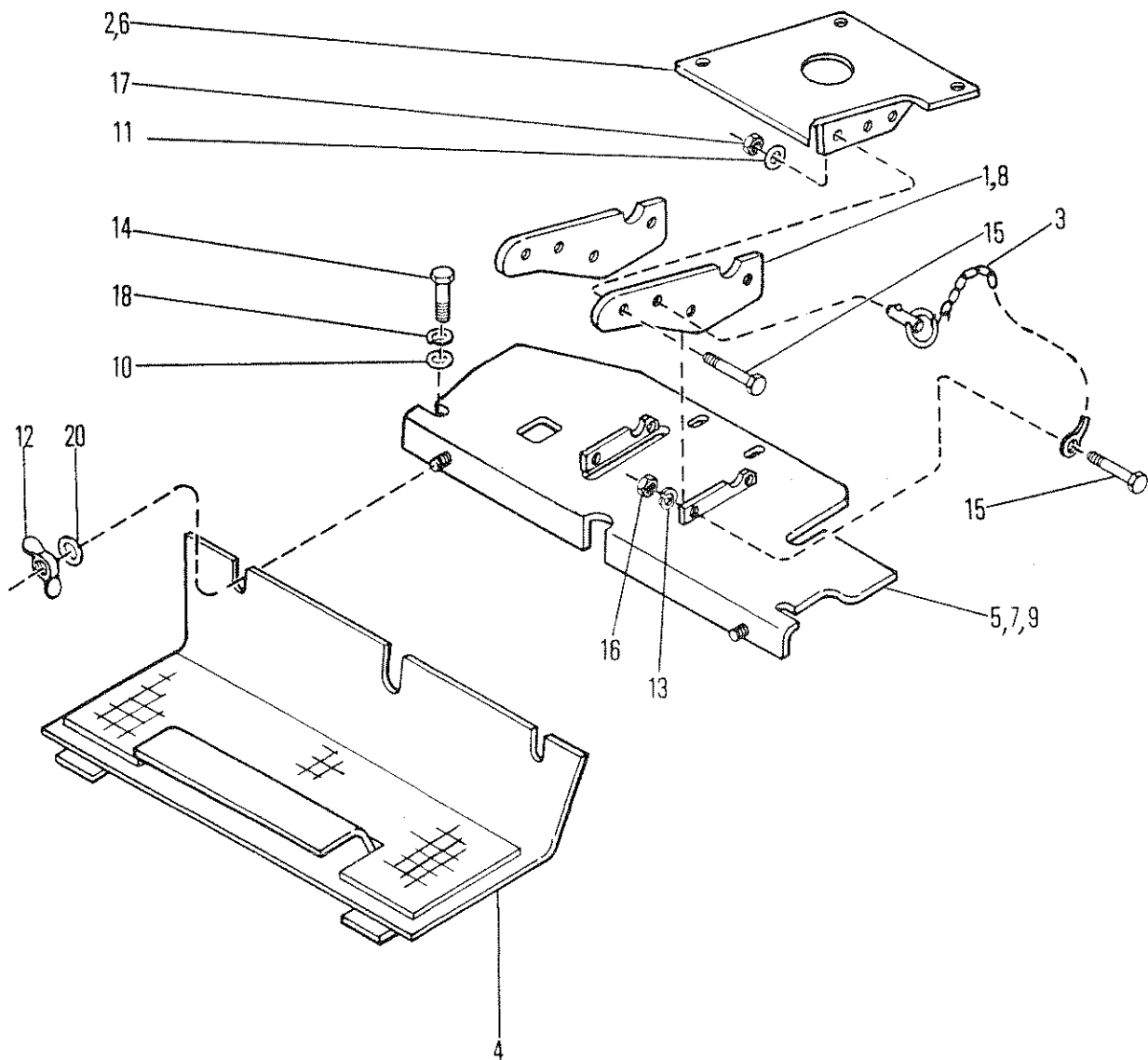
² Siège rotatif 664Gr en option

² 664 Gr-Drehsitz als Sonderausstattung

² Assento rotativo opcional 664Gr

² Asiento rotativo opcional 664Gr

³ 664Gr



5690TP

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	1907886	2	Support	support	Abstützung	suporte	soporte
2	1908865	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
3	1909699	2	Faspin assy	assemblage faspin	Faspin vollst	cj do pino prend	conjunto horq
4	1909793	1	Floorboard	plancher	Bodenblech	assoalho	piso
5	1909795	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
6	1913567	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
7	1913592	1	Plate	plaque	Platte	placa	placa
8	1916476	2	Bracket	support	Winkel	grampo	grampa
9	1917682	1	Plate	plaque	Platte	placa	placa
10	25E000021	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	25E000015	4	Washer	rondelle	Scheibe	arruela	arandela
12	16D000006	2	Nut	écrou	Mutter	porca	tuerca
13	4S-----	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
14	17C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
15	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
16	17D000006	2	Nut	écrou	Mutter	porca	tuerca
17	18D000005	4	Nut	écrou	Mutter	porca	tuerca
18	24E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 13,15&16

² □508B-101→9999-CAC

³ 664Gr

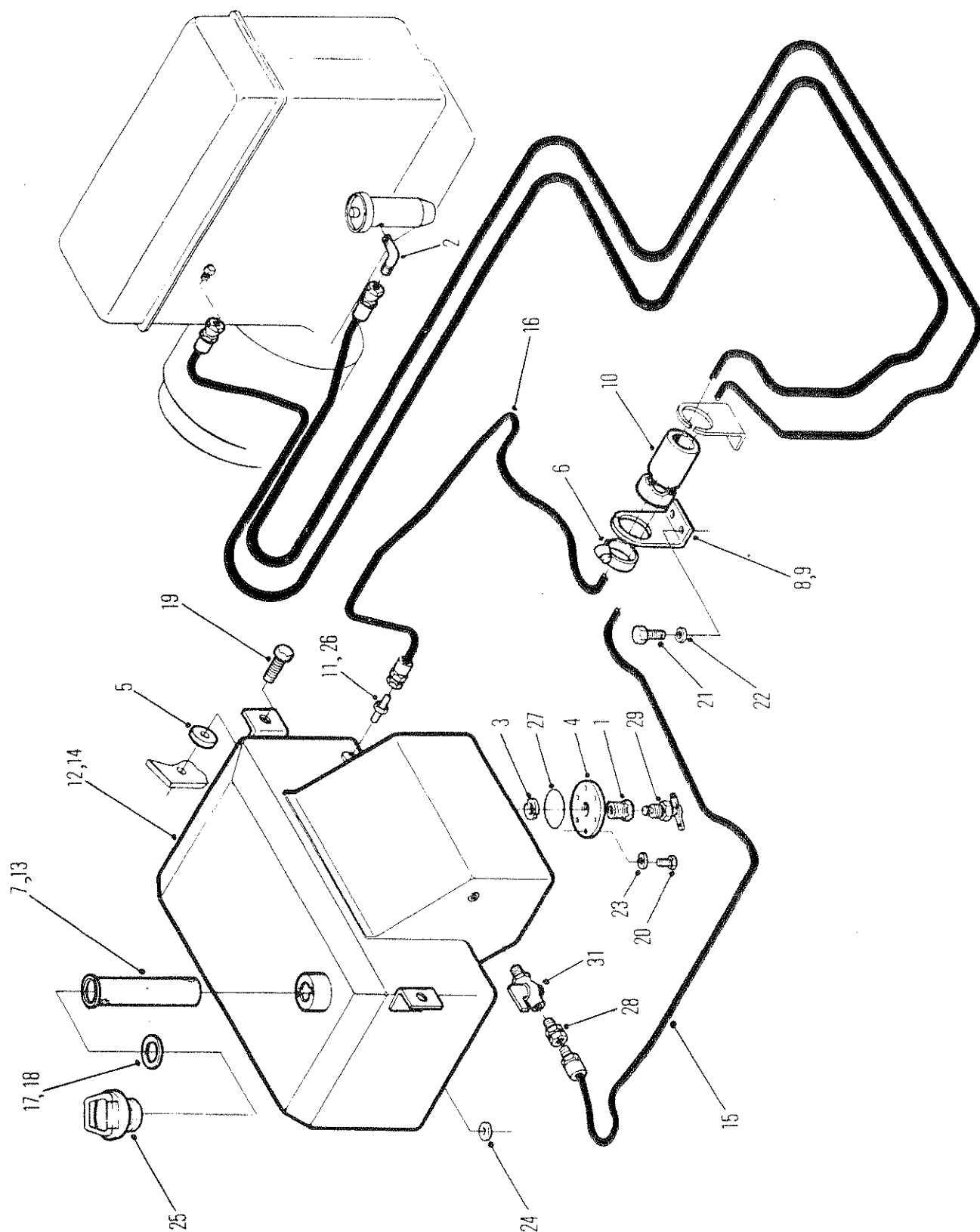
⁴ See 3

⁴ Voir 3

⁴ Siehe 3

⁴ Veja 3

⁴ Véase 3



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	356622	1	Reducer	réducteur	Reduzierstück	reductor	reductor
2	524657	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	525293	1	Magnet	aimant	Magnet	imã	ímán
4	587613	1	Cover	couvercle	Deckel	tampa	tapa
5	664871	3	Pad	tampon	Polster	almofada	almohadilla
6	879717	1	Clamp	pince	Schelle	braçadeira	abrazadera
7	41901464	1	Strainer	tamis	Sieb	coador	tamiz
8	1901981	1	Bracket	support	Winkel	grampo	grampa
9	11903693	1	Bracket	support	Winkel	grampo	grampa
10	21905644	1	Guard	protecteur	Schutz	proteção	protector
11	1905687	1	Fitting	ajustage	Verbindung	ajuste	accesorio
12	51906183	1	Tank	réservoir	Tank	tanque	tanque
13	1906829	1	Strainer	tamis	Sieb	coador	tamiz
14	41919122	1	Tank	réservoir	Tank	tanque	tanque
15	1919915	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1919916	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1990900	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
18	1990901	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
19	17C001036	3	Bolt	boulon	Bolzen	parafuso	bulón
20	18C000212	6	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000620	6	Bolt	boulon	Bolzen	parafuso	bulón
22	24E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
23	27E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	27E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	31919500	1	Cap	chapeau	Kappe	tampa	tapa
26	25F000002	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
28	38F000009	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
29	74F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
30	1901502	1	Valve	soupape	Ventil	válvula	válvula

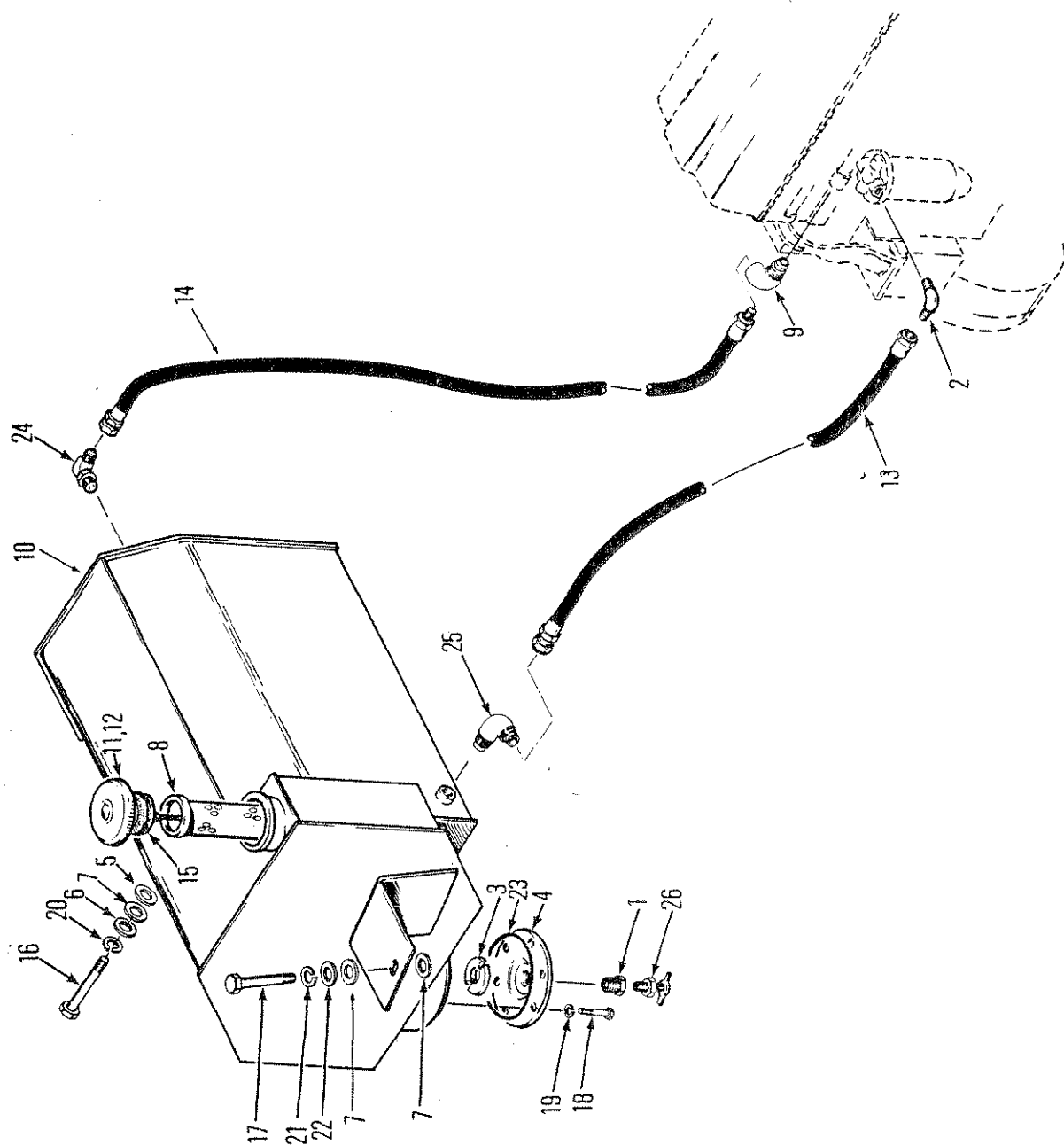
1 □C-9044-886&→

2 □C-9044-101→831

3 Inc 17 & 18

4 664Gr

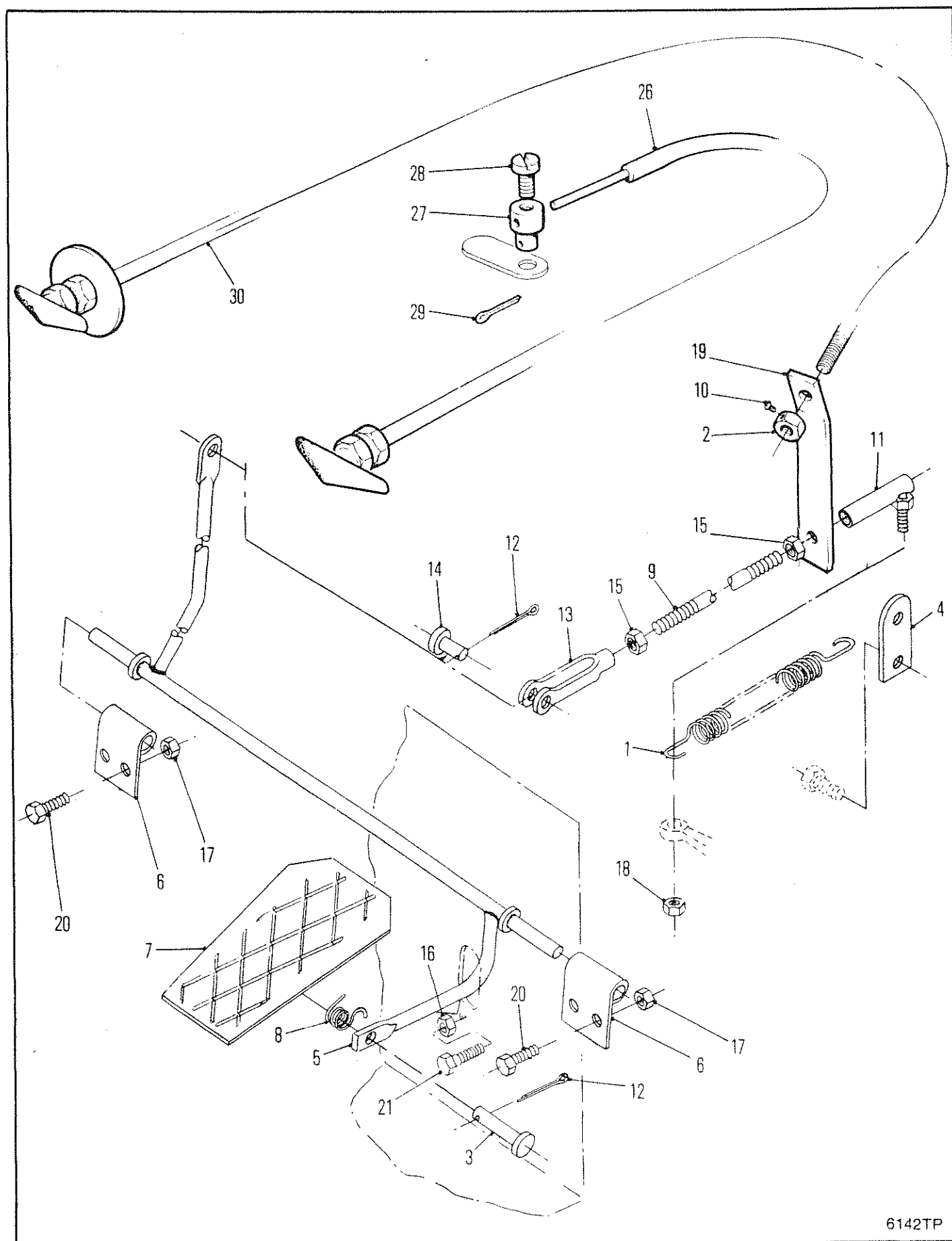
5 664



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	redutor	reductor
2	524657	1	Elbow	coude	Winkelrohr	cotovêlo	codo
3	575392	1	Magnet	aimant	Magnet	ímã	imán
4	587613	1	Cover	couvercle	Deckel	tampa	tapa
5	616802	1	Washer	rondelle	Scheibe	arruela	arandela
6	664427	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	664871	3	Pad	tampon	Polster	almofada	almohadilla
8	1901464	1	Strainer	tamis	Sieb	coador	tamiz
9	1905687	1	Elbow	coude	Winkelrohr	cotovêlo	codo
10	1908330	1	Tank assy	ass du réservoir	Tankeinheit	conj do tanque	conjunto tanque
11	1915438	1	Cap & Dipstick	bouch et régl-jauge	Kapp & Tauchstab	tampa e vareta	tapa y var inm
12	1919500	1	Cap	chapeau	Kappe	tampa	tapa
13	1919915	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1919916	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1990428	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
16	17C001036	1	Bolt	boulon	Bolzen	parafuso	bulón
17	17C001040	2	Bolt	boulon	Bolzen	parafuso	bulón
18	18C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
19	24E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	24E000010	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	24E000010	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
22	25E000025	2	Washer	rondelle	Scheibe	arruela	arandela
23	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
24	42F000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	42F000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga

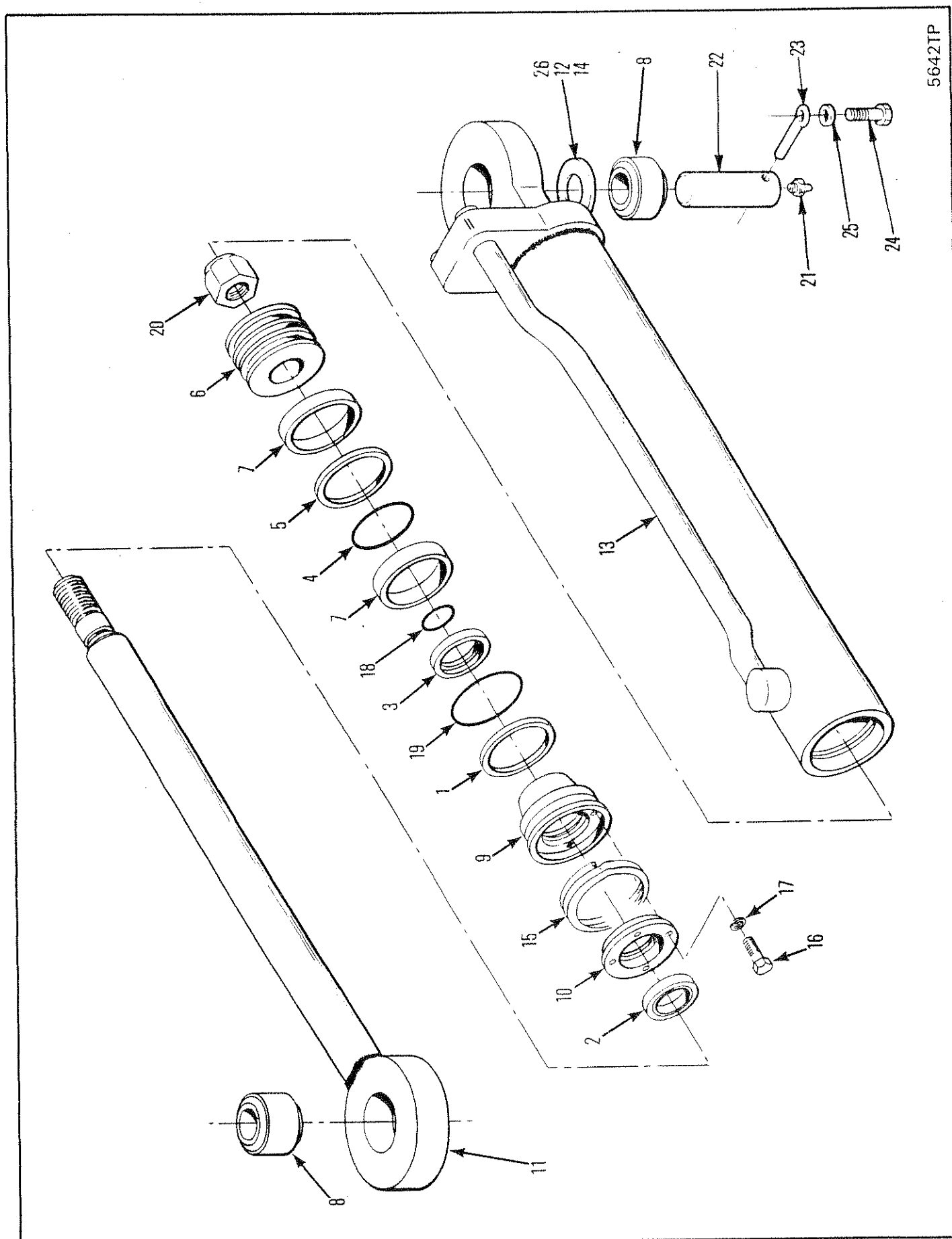
1 □508B-211-CAC&→



6142TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	551090	1	Spring	ressort	Feder	mola	resorte
2	1523210	1	Connector	raccord	Verbindungsstück	ligador	conector
3	894831	1	Pin	goupille	Stift	pino	pasador
4	1900609	1	Lug	point de soudure	Ansatz	alça	orejo de soporte
5	1900873	1	Arm	bras	Arm	braço	brazo
6	1900875	3	Bracket	support	Winkel	grampo	grampa
7	1900876	1	Pedal	pédale	Pedal	pedal	pedal
8	1901081	1	Spring	ressort	Feder	mola	resorte
9	1902325	1	Rod	tige	Stange	varão	varilla
10	85G000806	1	Screw	vis	Schraube	parafuso	tornillo
11	2520346	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
12	1F0000310	2	Pin	goupille	Stift	pino	pasador
13	2J0005204	1	Clevis	étrier	Schkel	garfo	horquilla
14	4F0005062	1	Pin	goupille	Stift	pino	pasador
15	8D0000005	2	Nut	écrou	Mutter	porca	tuerca
16	8D0000008	1	Nut	écrou	Mutter	porca	tuerca
17	60D000004	4	Nut	écrou	Mutter	porca	tuerca
18	18D000005	1	Nut	écrou	Mutter	porca	tuerca
19	531905	1	Plate	plaque	Platte	placa	placa
20	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
21	18C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
22	1900759	1	Cable assy	ens câble	Kabel vollst	conjunto do cabo	conjunto de cable
23	1930580	1	Bracket	support	Winkel	grampo	grampa
24	1523210	1	Connector	raccord	Verbindungsstück	ligador	conector
25	85G000806	1	Screw	vis	Schraube	parafuso	tornillo
26	1520193	1	Eng stop cable	cable arrêt moteur	Motorabstellkabel	fio parada motor	cable parada motor
27	1523209	1	Connector	raccord	Verbindungsstück	ligador	conector
28	86G001008	1	Screw	vis	Schraube	parafuso	tornillo
29	1F0000208	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
30	1520190	1	Emgy stop cable	cable arrêt urgence	Notabstellkabel	cabo parada emergn	cable parada emergn



5642TP

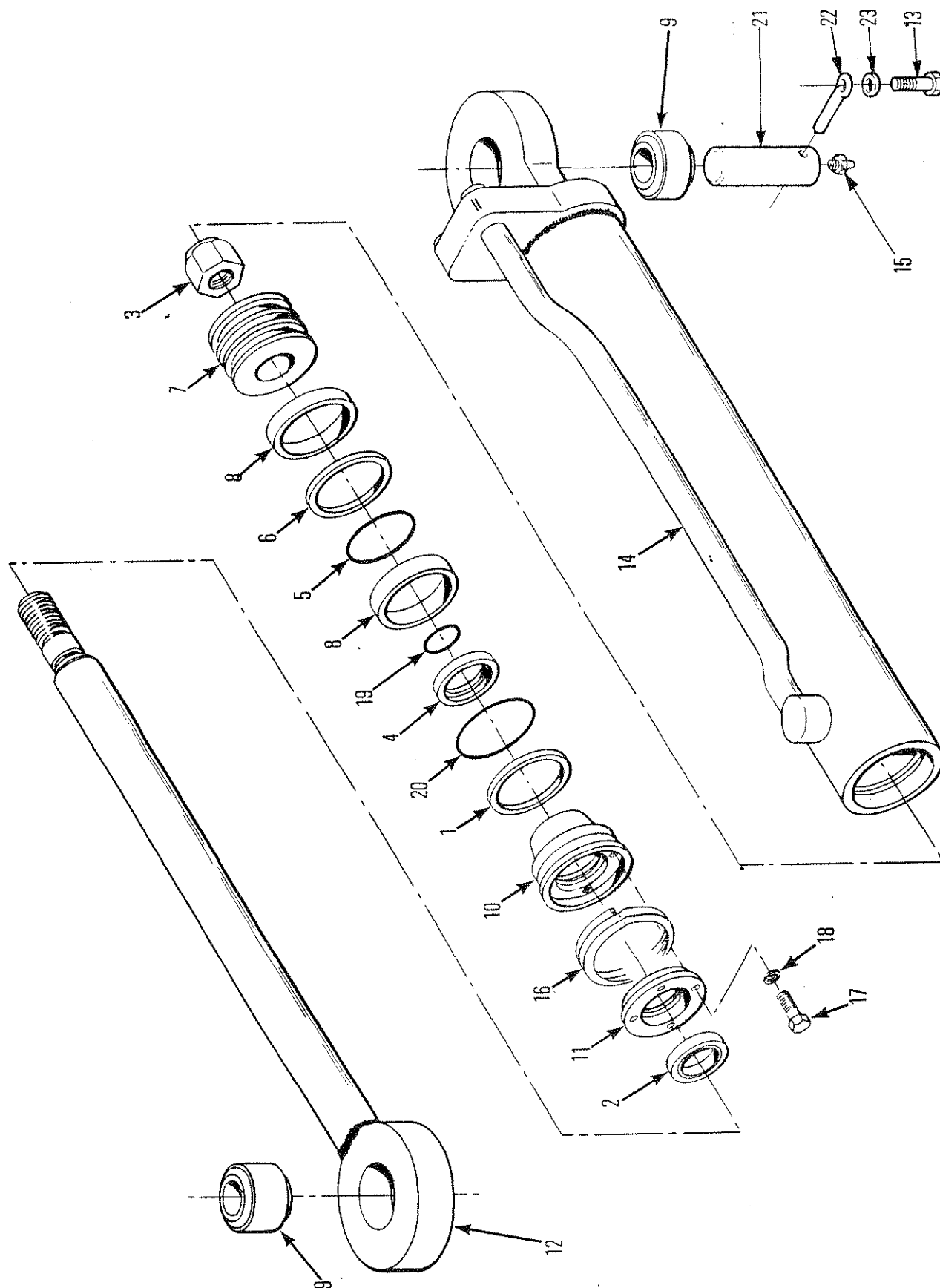
STEER AND BLADE CYLINDER ASSEMBLY
ENSEMBLE CYLINDRE, DIRECTION ET LAME
ZYLINDEREINHEIT, STEUER & KLINGE
CONJUNTO DE CILINDRO, DIREÇÃO E LÂMINA
CONJUNTO DE CILINDRO DIRECCION Y CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1906258	1	Cylinder assy	ens cylindre	Zylinder vollst	cilindro conj	cilindro conj
B	² 1991086	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	532917	1	Ring	anneau	Ring	anel	anillo
2	562783	1	Wiper	racleur	Wischer	limpador	limpiador
3	713678	1	Ring	anneau	Ring	anel	anillo
4	1503629	1	Ring	anneau	Ring	anel	anillo
5	2553205	1	Ring	anneau	Ring	anel	anillo
6	1503639	1	Washer	rondelle	Scheibe	arruela	arandela
7	1530264	2	Ring	anneau	Ring	anel	anillo
8	1574466	2	Bushing	chemise	Buchse	bucha	buje
9	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
10	1902769	1	Ring	anneau	Ring	anel	anillo
11	1905005	1	Rod	tige	Stange	varão	varilla
12	1905399	8	Washer	rondelle	Scheibe	arruela	arandela
13	1906259	1	Tube & Base	condutie et base	Rohr & Basis	tubo e base	tube y base
14	[±] 1901079	-	Shim	cale	Beilage	calço	planchita
15	2506407	1	Ring	anneau	Ring	anel	anillo
16	17C000516	3	Bolt	boufon	Bolzen	parafuso	bulón
17	24E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
20	67D000020	1	Nut	écrou	Mutter	porca	tuerca
21	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
22	1915205	2	Pin	goupille	Stift	pino	pasador
23	586452	2	Lockpin	goupille de biocage	Sperrstift	pino de trava	pasador de seguridad
24	1915786	2	Bolt	boulon	Bolzen	parafuso	bulón
25	24E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
26	[±] 1905398	-	Shim	cale	Beilage	calço	planchita

¹ Inc 1→7, 9→11, 13, 15→20

² Inc 1→5, 7, 15, 18 & 19

³ Ref RSG 286B



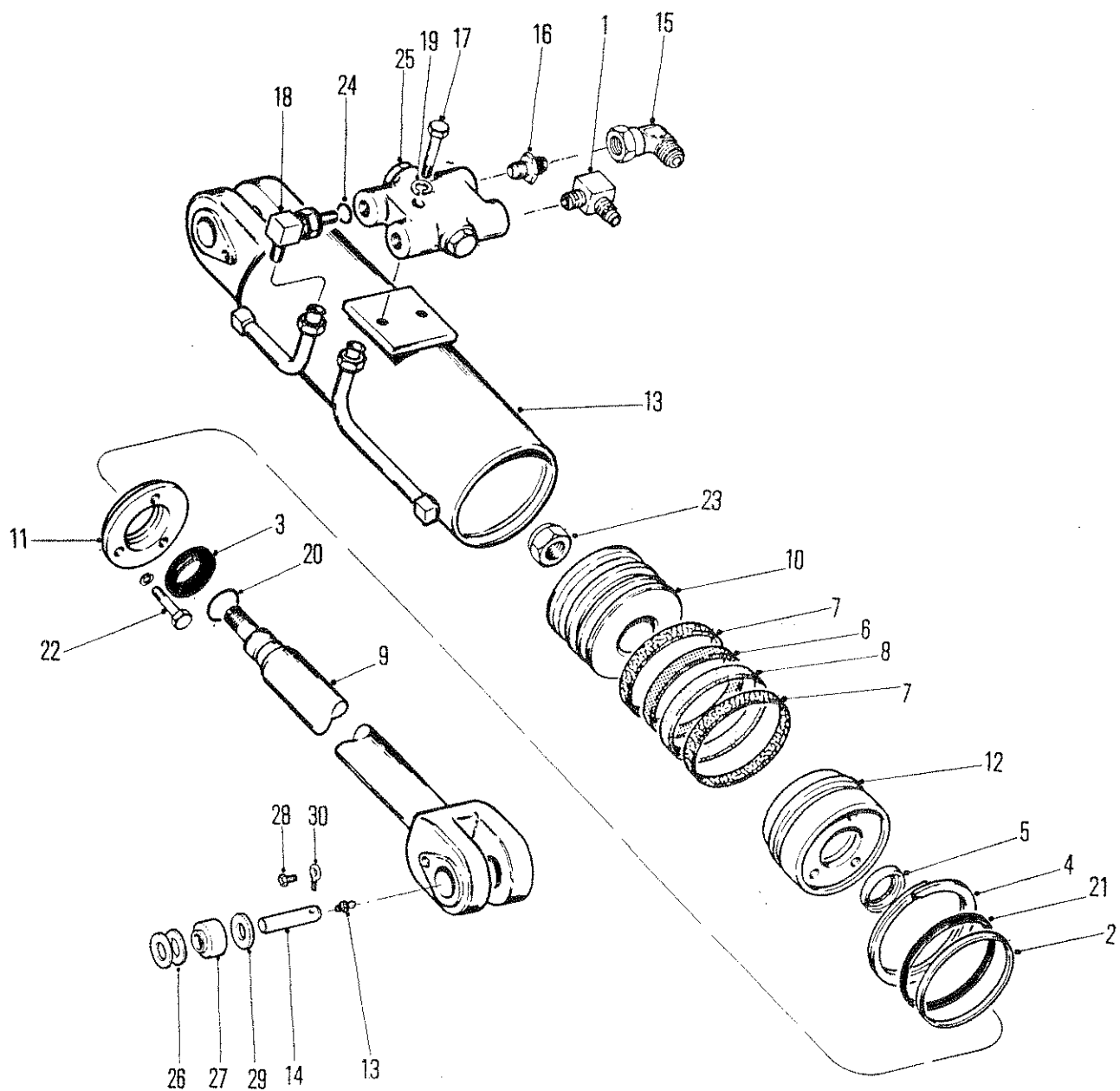
ARCH CYLINDER ASSEMBLY
ROULEAU D'ARC
BOGEN, BAUGRUPPE
CONJUNTO DE ARCO
CONJUNTO DE ARCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1906258	1	Cylinder assy	ens cylindre	Zylinder vollst	cilindro conj	cilindro conj
B	² 1991086	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	532917	1	Ring	anneau	Ring	anel	anillo
2	562783	1	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
3	67D000020	1	Nut	écrou	Mutter	porca	tuerca
4	713678	1	Ring	anneau	Ring	anel	anillo
5	1503629	1	Ring	anneau	Ring	anel	anillo
6	2553205	1	Ring	anneau	Ring	anel	anillo
7	1503639	1	Washer	rondellè	Scheibe	arruela	arandela
8	1530264	2	Ring	anneau	Ring	anel	anillo
9	1574466	2	Bushing	chemise	Buchse	bucha	buje
10	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
11	1902769	1	Ring	anneau	Ring	anel	anillo
12	1905005	1	Rod	tige	Stange	varão	varilla
13	17C000820	1	Bolt	boulon	Bolzen	parafuso	bulón
14	1906259	1	Tube & Base	conduite et base	Rohr & Basis	tubo e base	tube y base
15	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
16	2506407	1	Ring	anneau	Ring	anel	anillo
17	17C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
18	24E000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
19	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
20	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
21	1907252	1	Pin	goupille	Stift	pino	pasador
22	586452	1	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
23	24E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 1 → 12 & 14 → 21

² Inc 1, 2, 4 → 6, 8, 16, 19 & 20

³ Ref RSG 286B

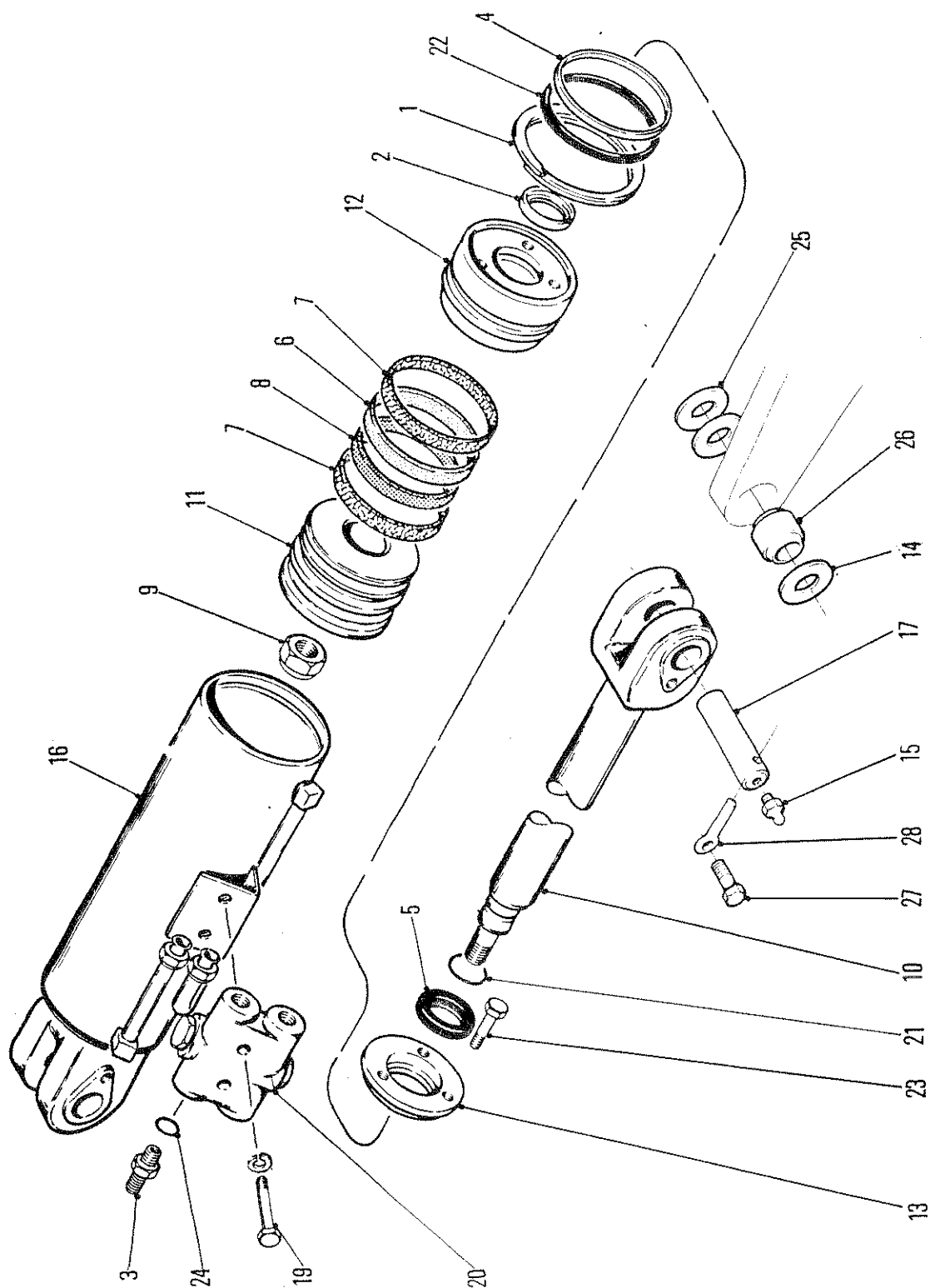


5635TP

LOG GRAPPLE CYLINDER ASSEMBLY 70 IN - 1778,0 MM
ENSEMBLE VÉRIN, GRAPPIN À GRUMES 70 IN - 1778,0 MM
HOLZGREIFERZYLINDER, VOLLSTÄNDIG 70 IN - 1778,0 MM
CONJUNTO DO CILINDRO DAS GARRAS 70 IN - 1778,0 MM
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS 70 IN - 1778,0 MM

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1916233	2	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
B	1564758	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
1	784568	1	Fitting	ajustage	Verbindung	ajuste	accesorio
2	947596	1	Ring	anneau	Ring	anel	anillo
3	1300495	1	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
4	1302189	1	Ring	anneau	Ring	anel	anillo
5	1319227	1	Ring	anneau	Ring	anel	anillo
6	1503465	1	Ring	anneau	Ring	anel	anillo
7	1536234	2	Ring	anneau	Ring	anel	anillo
8	2553209	1	Ring	anneau	Ring	anel	anillo
9	1907482	1	Rod	tige	Stange	varão	varilla
10	1907485	1	Piston	piston	Kolben	pistão	pistón
11	1907486	1	Retainer	arrêtoir	Halterung	retentor	retén
12	1907487	1	Cap	chapeau	Kappe	tampa	tapa
13	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
14	1903262	1	Pin	goupille	Stift	pino	pasador
15	11K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
16	15K000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	17C000532	2	Bolt	boulon	Bolzen	parafuso	bulón
18	17K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
19	25E000016	2	Washer	rondelle	Scheibe	arruela	arandela
20	25K040120	1	O-ring	joint torique	O Ring	anel-O	anillo-O
21	25K040424	1	O-ring	joint torique	O Ring	anel-O	anillo-O
22	33C000614	3	Bolt	boulon	Bolzen	parafuso	bulón
23	67D000024	1	Nut	écrou	Mutter	porca	tuerca
24	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
25	1-----	1	Lockvalve	soupape de sûreté	Sperrventil	válv de techam	valv sello
26	‡1905176	-	Shim	cale	Beilage	calço	planchita
27	1573309	1	Bushing	chemise	Buchse	bucha	buje
28	17C000824	1	Bolt	boulon	Bolzen	parafuso	bulón
29	1903689	1	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
30	586452	1	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad

1 Ref E2 40000



LOG GRAPPLE CYLINDER ASSEMBLY 102 IN - 2590,8 MM
ENSEMBLE VÉRIN, GRAPPIN À GRUMES 102 IN - 2590,8 MM
HOLZGREIFERZYLINDER, VOLLSTÄNDIG 102 IN - 2590,8 MM
CONJUNTO DO CILINDRO DAS GARRAS 102 IN - 2590,8 MM
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS 102 IN - 2590,8 MM

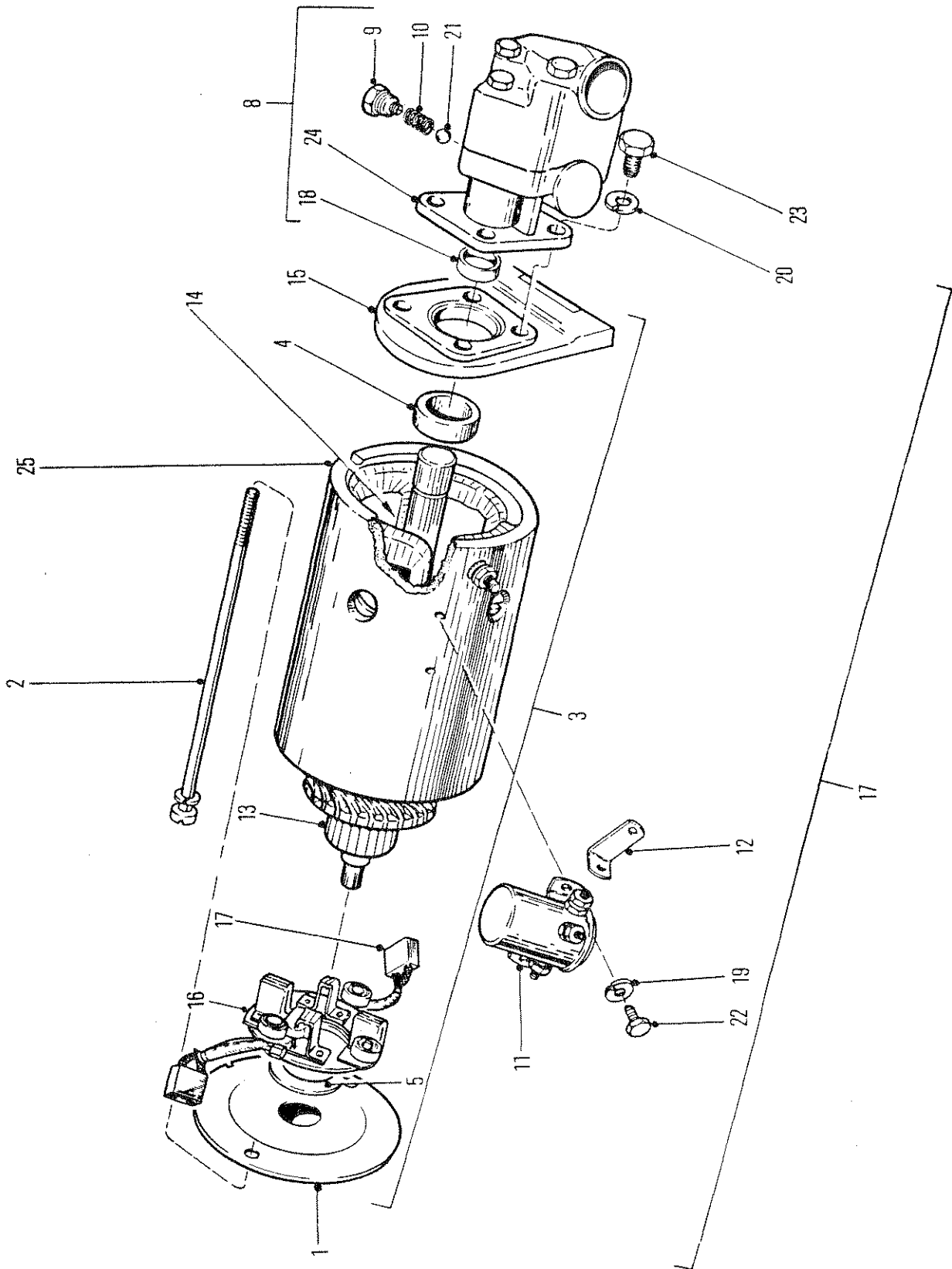
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	4 ¹ 1916232	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
B	3 ¹ 1991089	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	563377	1	Ring	anneau	Ring	anel	anillo
2	713513	1	Ring	anneau	Ring	anel	anillo
3	730963	2	Fitting	ajustage	Verbindung	ajuste	accesorio
4	784431	1	Ring	anneau	Ring	anel	anillo
5	1319348	1	Wiper	racleur	Wischer	limpador	limpiador
6	1502845	1	Ring	anneau	Ring	anel	anillo
7	1503013	2	Ring	anneau	Ring	anel	anillo
8	1503467	1	Ring	anneau	Ring	anel	anillo
9	1520467	1	Nut	écrou	Mutter	porca	tuerca
10	1907570	1	Rod	tige	Stange	varão	varilla
11	1907572	1	Piston	piston	Kolben	pistão	pistón
12	1907574	1	Cap	chapeau	Kappe	tampa	tapa
13	1907576	1	Retainer	arrêtoir	Halterung	retentor	retén
14	1903689	2	Washer	rondelle	Scheibe	arruela	arandela
15	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
16	1919370	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
17	1903262	2	Pin	goupille	Stift	pino	pasador
18	15K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
19	17C000528	2	Bolt	boulon	Bolzen	parafuso	bulón
20	2 ¹ 0-----	-	Lockvalve	soupape de sûrete	Sperrventil	vâlv de techam	valv sello
21	25K040120	1	O-ring	joint torique	O Ring	anel-O	anillo-O
22	25K040524	1	O-ring	joint torique	O Ring	anel-O	anillo-O
23	33C000614	3	Bolt	boulon	Bolzen	parafuso	bulón
24	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
25	1905176	-	Shim	cale	Beilage	calço	planchita
26	1573309	1	Bushing	chemise	Buchse	bucha	buje
27	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
28	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad

¹ Inc 1, 2, 4, 6→12, 15, 16 & 22

² Ref R.S.G. 228

³ Inc 1, 2, 4→8, 21 & 22

⁴ 664Gr, 666Gr



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	² 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	^{1,5} 960373	1	Motor assy	ass de moteur	Motoreinheit	conj do motor	conj motor
4	990087	1	Bearing	palier	Lager	manca!	cojinete
5	992313	1	Washer	rondelle	Scheibe	arruela	arandela
6	⁶ 8-----	-	Housing	botier	Gehuse	carcaça	carcasa
7	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	solénóide	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

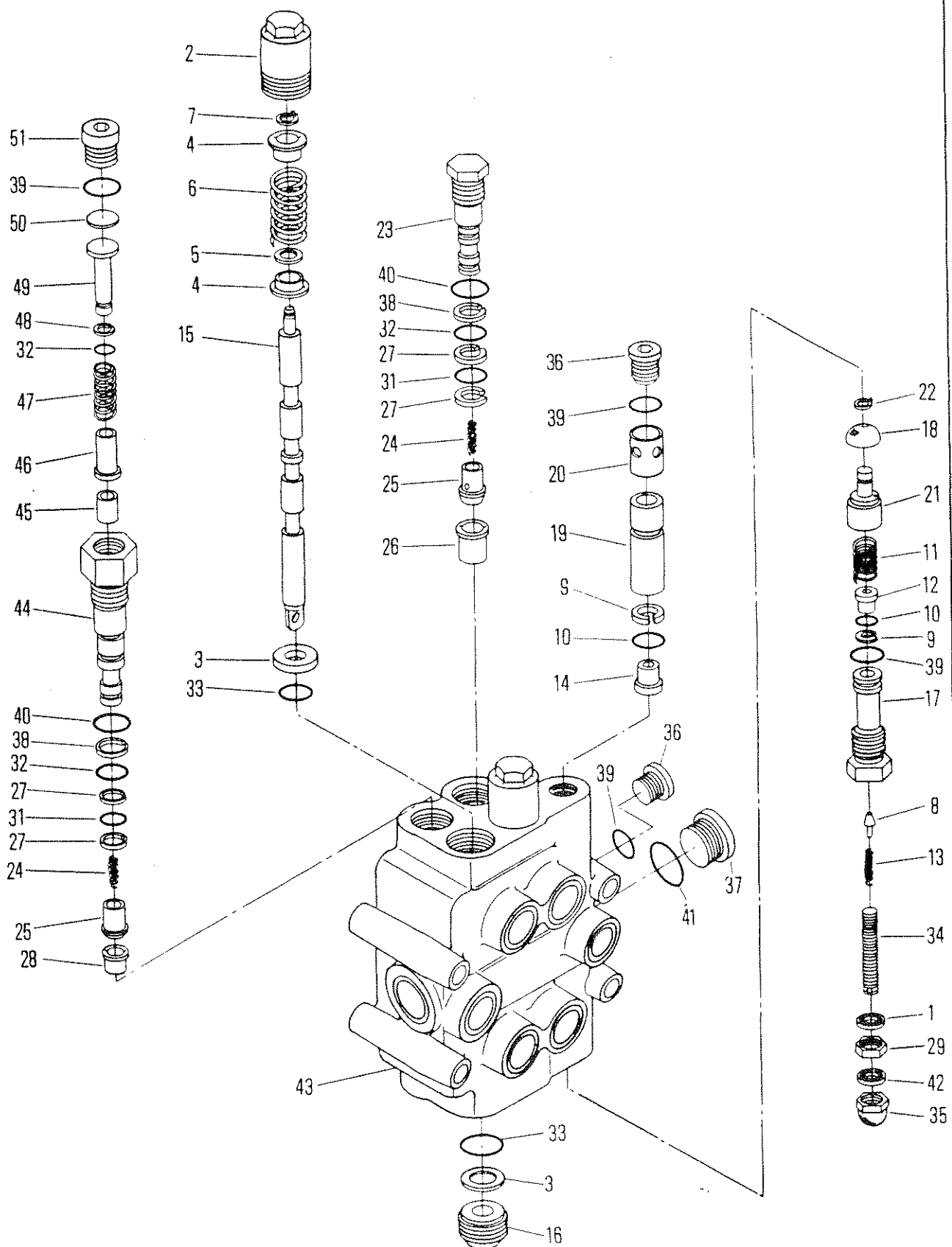
³ Inc 6, 9, 10, 18, 20, 21 & 23

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



5710TP

CONTROL VALVE, STEER & BLADE
SOUPE DE CONTRÔLE, LAME & DIRECTION
STEUERVENTIL, STEUER & KLINGE
VÁLVULA, DIRÇÃO & LÂMINA
VÁLVULA DE CONTROL, DIRECCION & CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11901538	1	Control valve	soupe de contrôle	Steuerventil	válv de contr	valv de control
B	^{3,4} 1990946	1	Relf&ld chk vlv	décharge&charge	ent-&belastung	válv de aliv e carga	válv de aliv y carga
C	^{3,5} 1990947	1	Relf&ld chk vlv	décharge&charge	ent-&belastung	válv de aliv e carga	válv de aliv y carga
D	^{3,6} 1990948	1	Relf&ld chk vlv	décharge&charge	ent-&belastung	válv de aliv e carga	válv de aliv y carga
E	² 1990177	1	Poppet assy	ens clapet	Ventilkegel vollst	gatilho conj	clapeta conj
1	730396	2	Seal	joint étanchéité	Dichtung	vedador	sello
2	[§] 878196	2	Cap	chapeau	Kappe	tampa	tapa
3	878231	4	Retainer	arrêtoir	Halterung	retentor	retén
4	878232	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	878233	2	Washer	rondelle	Scheibe	arruela	arandela
6	878234	2	Spring	ressort	Feder	mola	resorte
7	878235	2	Ring	anneau	Ring	anel	anillo
8	883734	1	Plunger	plongeur	Druckstange	embolo	ébolo buzo
9	73K000014	2	Ring	anneau	Ring	anel	anillo
10	899039	2	O-ring	joint torique	O Ring	anel-O	anillo-O
11	944466	1	Spring	ressort	Feder	mola	resorte
12	944469	1	Seat	sige	Sitz	assento	asiento
13	944471	1	Spring	ressort	Feder	mola	resorte
14	944645	1	Seat	sige	Sitz	assento	asiento
15	[§] -----	2	Spool	tiroir	Spule	carretel	carrete
16	1990173	2	Retainer&Wiper	arrêtoir&balai	Halterung&Wischer	soldada&palheta	limpiador y retén
17	1990175	1	Cap	chapeau	Kappe	tampa	tapa
18	^{7§} -----	1	Screen	crible	Sieb	tela	tamiz
19	1990178	1	Seat	sige	Sitz	assento	asiento
20	1990179	1	Sleeve	manchon	Muffe	luva	manguito
21	^{7§} -----	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
22	^{7§} -----	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
23	1990182	2	Cap	chapeau	Kappe	tampa	tapa
24	1990183	4	Spring	ressort	Feder	mola	resorte
25	1990184	4	Poppet	clapet	Ventilkegel	gatilho	clapeta
26	1990185	2	Seat	sige	Sitz	assento	asiento
27	1990186	8	Ring	anneau	Ring	anel	anillo
28	1990266	2	Sleeve	manchon	Muffe	luva	manguito
29	8D000006	1	Nut	écrou	Mutter	porca	tuerca
30	[†] 25K020003	2	O-ring	joint torique	O Ring	anel-O	anillo-O
31	25K020016	4	O-ring	joint torique	O Ring	anel-O	anillo-O
32	25K020018	4	O-ring	joint torique	O Ring	anel-O	anillo-O
33	25K030024	4	O-ring	joint torique	O Ring	anel-O	anillo-O
34	33G000528	1	Screw	vis	Schraube	parafuso	tornillo
35	47D000005	1	Nut	écrou	Mutter	porca	tuerca
36	47K000006	2	Plug	bouchon	Stopfen	bujão	tapón
37	47K000008	2	Plug	bouchon	Stopfen	bujão	tapón
38	73K000015	4	Ring	anneau	Ring	anel	anillo
39	91F000006	5	O-ring	joint torique	O Ring	anel-O	anillo-O
40	91F000007	4	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ Inc B,C,D,E, 1→51

² Inc18, 21, 22

³ Inc18,24,25,27,28,30→32,38..40,44→51

⁴ 1850 PSI 130.1 Kg Cm²

⁵ 1900 PSI 133.2 Kg Cm²

⁶ 2200 PSI 154.7 Kg Cm²

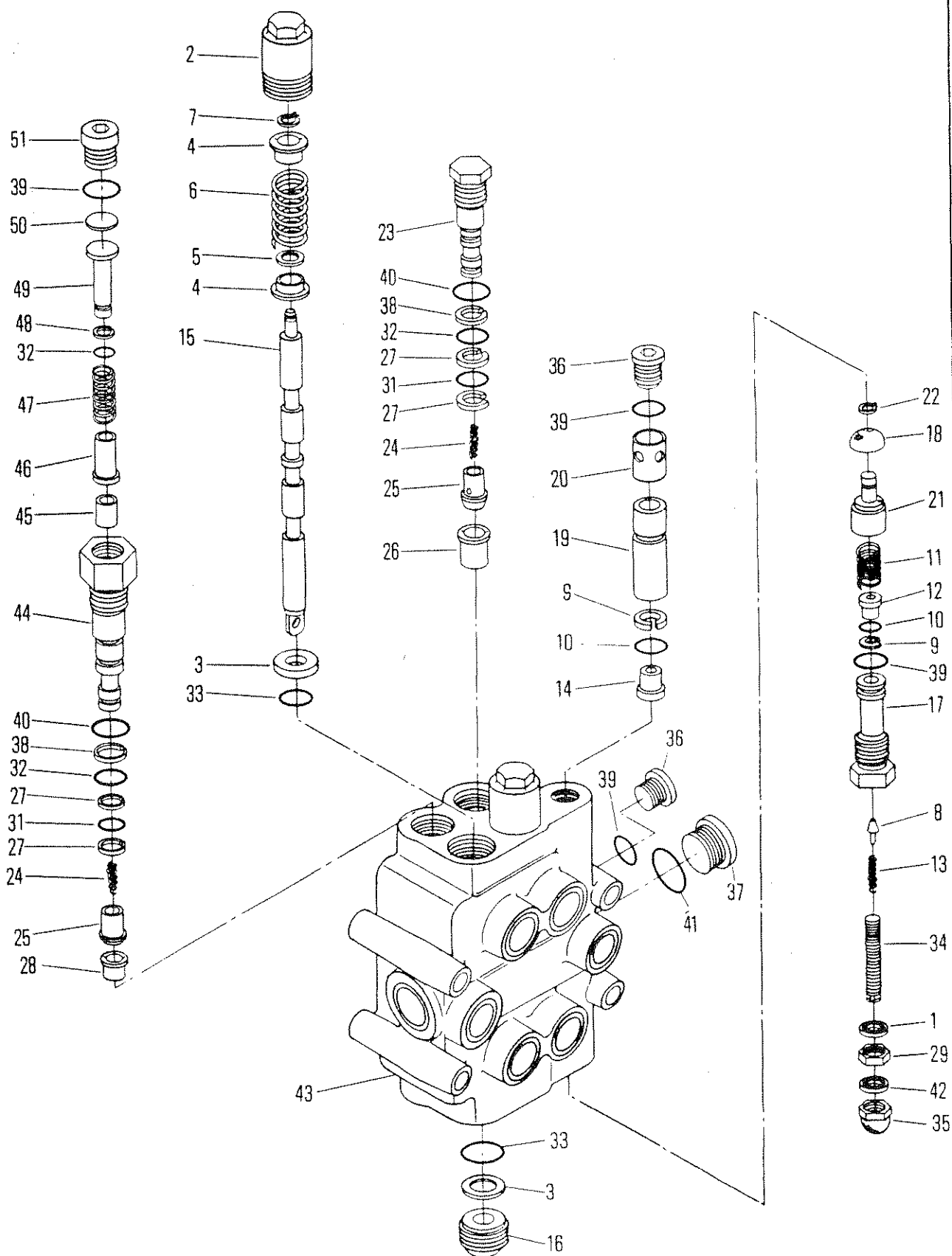
⁷ See E

⁷ Voir E

⁷ Siehe E

⁷ Veja E

⁷ Véase E



5710TP

CONTROL VALVE, STEER & BLADE
SOUPAPE DE CONTRÔLE, LAME & DIRECTION
STEUERVENTIL, STEUER & KLINGE
VÁLVULA, DIRÇÃO & LÂMINA
VÁLVULA DE CONTROL, DIRECCION & CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	91F000008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
42	663792	1	Seal	joint étanchéité	Dichtung	vedador	sello
43	§-----	1	Casting	pièce en fonte	Gussteil	peça fundida	pieza fundida
44	§-----	2	Cap	chapeau	Kappe	tampa	tapa
45	§-----	2	Seat	sige	Sitz	assento	asiento
46	§-----	2	Plunger	plongeur	Druckstange	embolo	émbolo buzo
47	§-----	2	Spring	ressort	Feder	mola	resorte
48	§-----	2	Ring	anneau	Ring	anel	anillo
49	§-----	2	Guide	guide	Führungsstück	guia	guía
50	§-----	-	Shim	cale	Beilage	calço	planchita
51	§-----	2	Plug	bouchon	Stopfen	bujão	tapón

¹ Inc B,C,D,E, 1→51

² Inc18, 21, 22

³ Inc18,24,25,27,28,30→32,38,,40,44→51

⁴ 1850 PSI 130.1 Kg Cm²

⁵ 1900 PSI 133.2 Kg Cm²

⁶ 2200 PSI 154.7 Kg Cm²

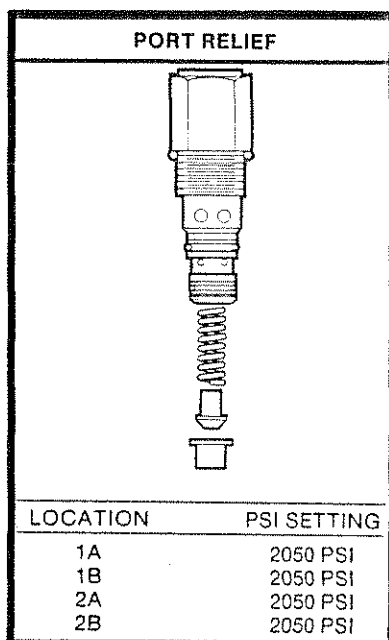
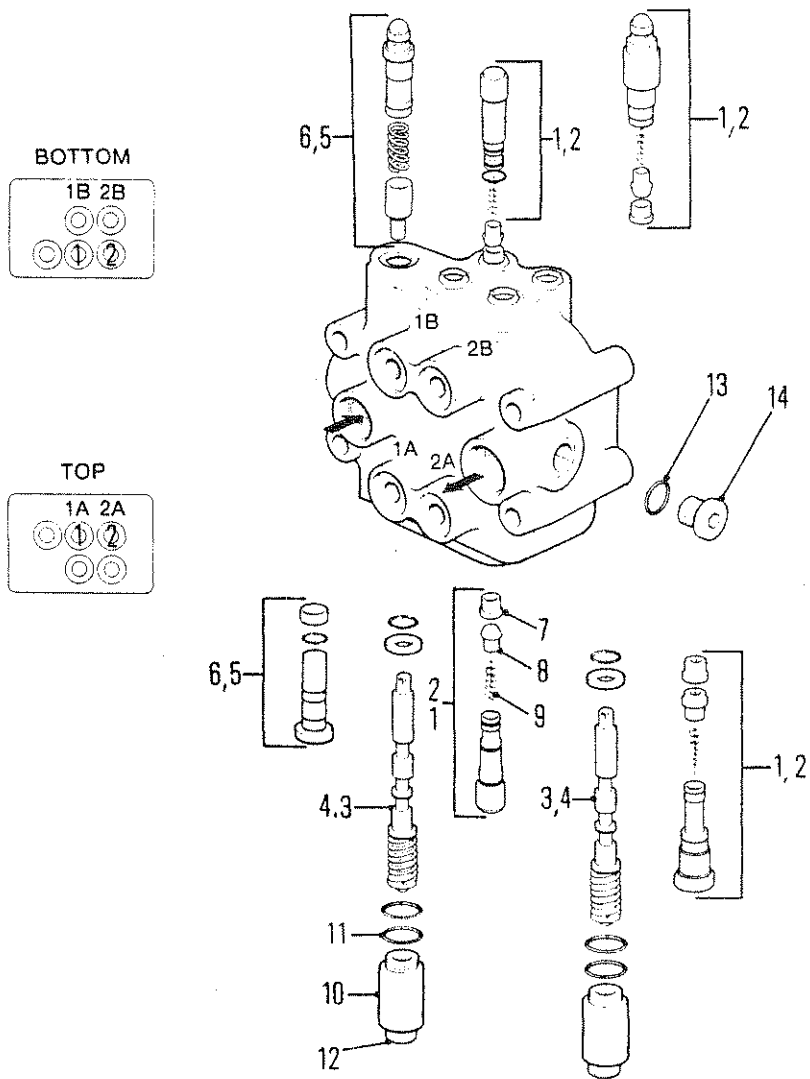
⁷ See E

⁷ Voir E

⁷ Siehe E

⁷ Veja E

⁷ Véase E

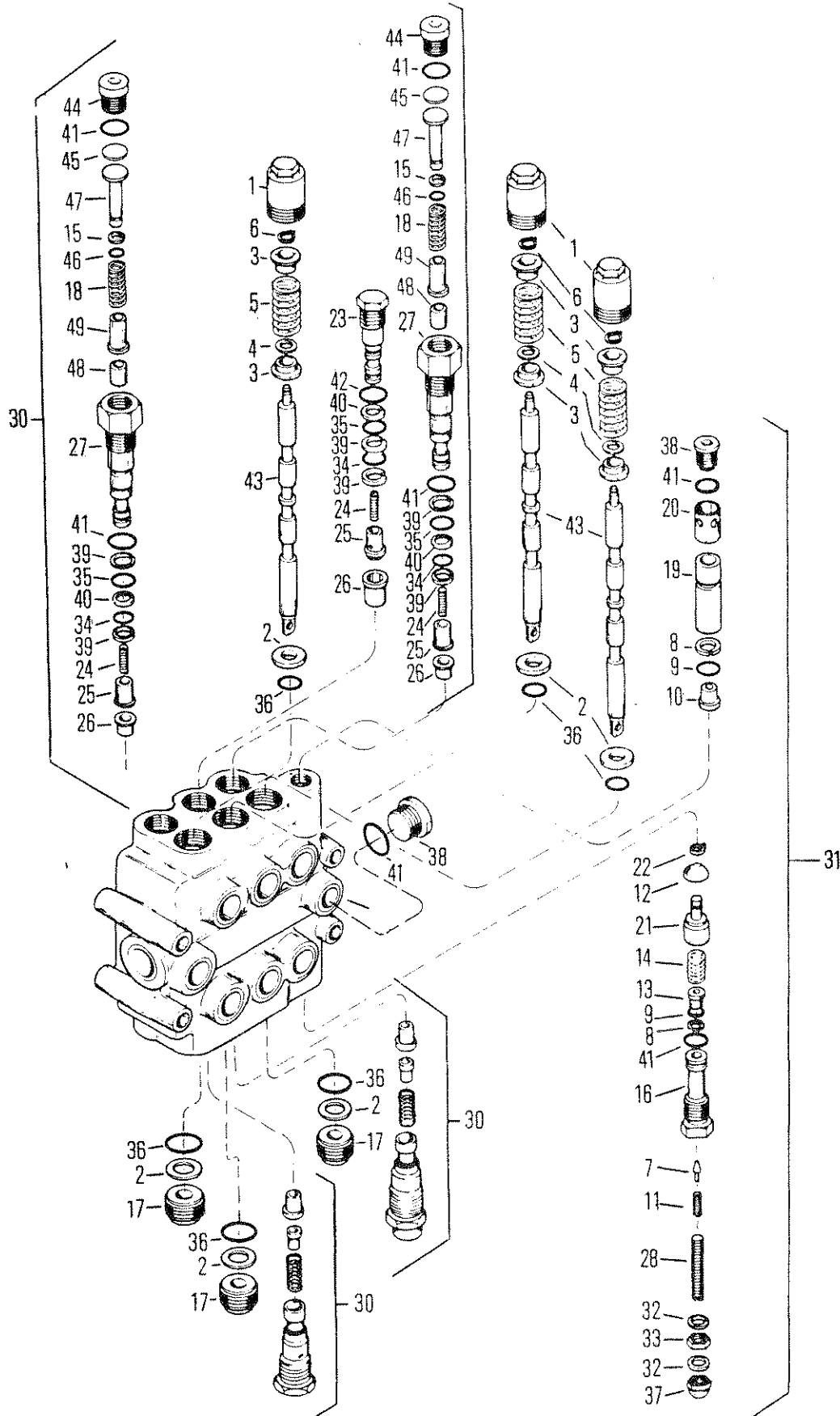


CONTROL VALVE, STEER & BLADE
SOUPAPE DE CONTRÔLE, LAME ET DIRECTION
STEUERVENTIL, STEUER UND KLINGE
VÁLVULA, DIRÇÃO E LÂMINA
VÁLVULA DE CONTROL, DIRECCION Y CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937427	1	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
1	1992397	4	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxílio orificio coletor	auxílio orificio colectr
2	1992434	4	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
3	§-----	2	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
4	1992435	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
5	1992391	1	Main relief	soup sûreté principal	Hauptüberdruck	auxilio principal	auxilio principal
6	1992457	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
7	1990266	4	Seat	sige	Sitz	assento	asiento
8	1990184	4	Poppet	clapet	Ventilkegel	gatilho	clapeta
9	1990183	4	Spring	ressort	Feder	mola	resorte
10	1992190	2	Cap	chapeau	Kappe	tampa	tapa
11	25K030024	2	O-ring	joint torique	O Ring	anel-O	anillo-O
12	1992191	2	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
13	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
14	47K000010	2	Plug	bouchon	Stopfen	bujão	tapón

¹ Inc 1 → 14

² □ 1A, 1B, 2A, 2B



5720TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11915134	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
B	21990177	1	Poppet assy	ens clapet	Ventilkegel vollst	gatilho conj	clapeta conj
1	878196	1	Cap	chapeau	Kappe	tampa	tapa
2	878231	2	Retainer	arrêtoir	Halterung	retentor	retén
3	878232	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
4	878233	1	Washer	rondelle	Scheibe	arruela	arandela
5	878234	1	Spring	ressort	Feder	mola	resorte
6	878235	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
7	883734	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
8	899038	2	Ring	anneau	Ring	anel	anillo
9	899039	2	O-ring	joint torique	O Ring	anel-O	anillo-O
10	944469	1	Seat	sige	Sitz	assento	asiento
11	944471	1	Spring	ressort	Feder	mola	resorte
12	5S-----	1	Screen	crible	Sieb	tela	tamiz
13	944645	1	Seat	sige	Sitz	assento	asiento
14	948251	1	Spring	ressort	Feder	mola	resorte
15	5S-----	1	Ring	anneau	Ring	anel	anillo
16	1990175	1	Cap	chapeau	Kappe	tampa	tapa
17	1990176	1	Retainer	arrêtoir	Halterung	retentor	retén
18	5S-----	1	Spring	ressort	Feder	mola	resorte
19	1990178	1	Sleeve	manchon	Muffe	luva	manguito
20	1990179	1	Sleeve	manchon	Muffe	luva	manguito
21	5S-----	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
22	5S-----	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
23	1990182	1	Cap	chapeau	Kappe	tampa	tapa
24	1990183	2	Spring	ressort	Feder	mola	resorte
25	1990184	2	Poppet	clapet	Ventilkegel	gatilho	clapeta
26	1990185	2	Seat	sige	Sitz	assento	asiento
27	1990262	1	Cap	chapeau	Kappe	tampa	tapa
28	1990297	1	Set screw	vis à pointe	Gewindestift	parafuso fixador	tornillo reten
29	25K020003	1	O-ring	joint torique	O Ring	anel-O	anillo-O
30	31990948	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
31	41990964	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
32	1991112	2	Seal	joint étanchéité	Dichtung	vedador	sello
33	8D000005	1	Jam nut	écrou de bloquage	Sperrmutter	porca freio	tuerca de ajuste
34	25K020016	2	O-ring	joint torique	O Ring	anel-O	anillo-O
35	25K020018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
36	25K030024	2	O-ring	joint torique	O Ring	anel-O	anillo-O
37	47D000005	1	Nut	écrou	Mutter	porca	tuerca
38	47K000006	1	Plug	bouchon	Stopfen	bujão	tapón
39	73K000014	4	Ring	anneau	Ring	anel	anillo
40	73K000015	2	Ring	anneau	Ring	anel	anillo

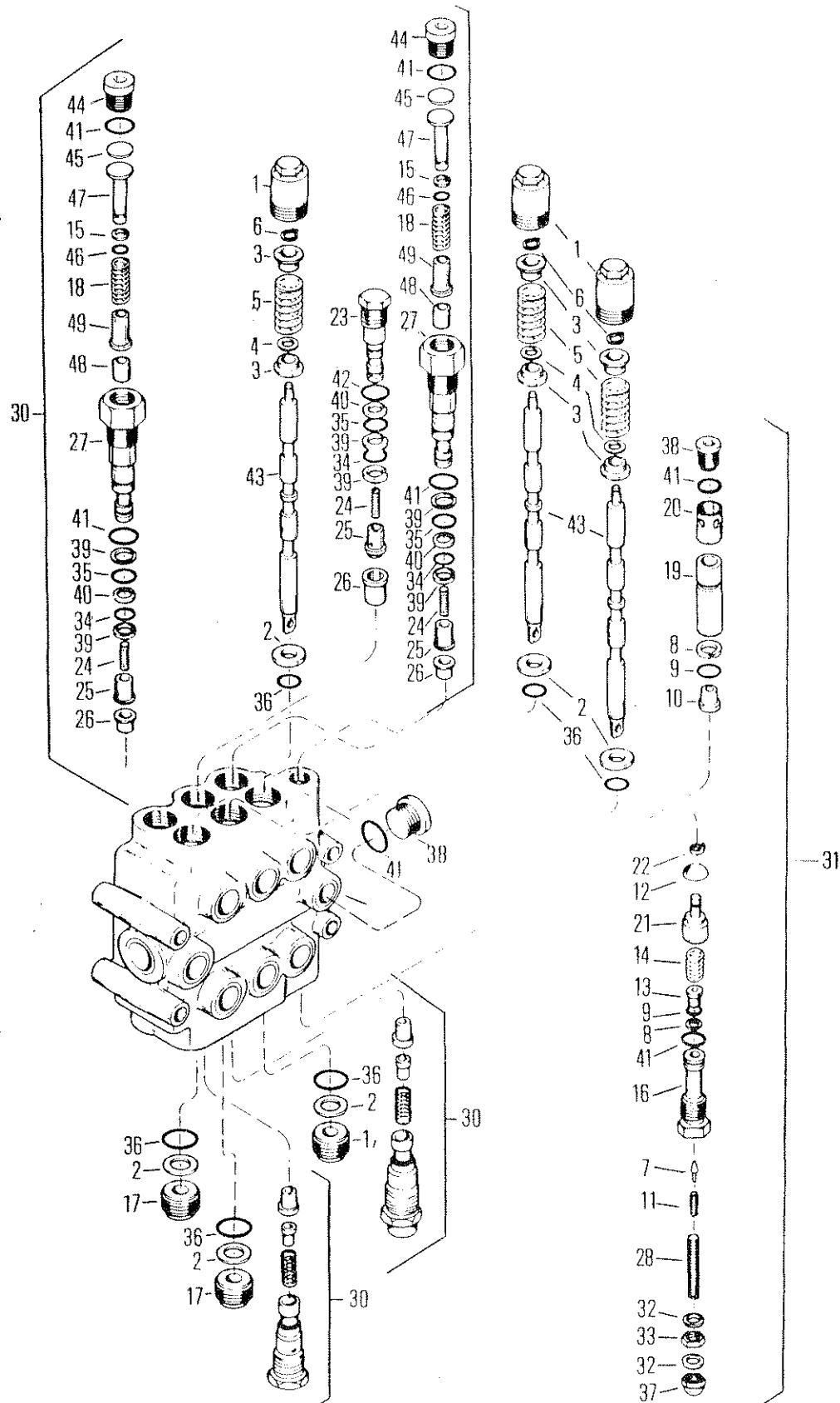
1 3 Spool
1 3 tiroir
1 3 Spule
1 3 carretel
1 3 carrete

2 Inc 21, 22 & 12

3 2200 PSI 154.7 Kg Cm²

4 1500 PSI 105.5 Kg Cm²

5 See B
5 Voir B
5 Siehe B
5 Veja B
5 Véase B



5720TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
41	91F000006	3	O-ring	joint torique	O Ring	anel-O	anillo-O
42	91F000007	1	O-ring	joint torique	O Ring	anel-O	anillo-O
43	-----	-	Spool	tiroir	Spule	carretel	carrete
44	-----	1	Plug	bouchon	Stopfen	bujão	tapón
45	-----	1	Shim	cale	Beilage	calço	planchita
46	-----	1	Shim	cale	Beilage	calço	planchita
47	-----	1	Spring guide	gude du ressort	Federführung	guia da mola	guía del resorte
48	-----	1	Seat	sige	Sitz	assento	asiento
49	-----	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo

¹ 3 Spool

¹ 3 tiroir

¹ 3 Spule

¹ 3 carretel

¹ 3 carrete

² Inc 21, 22 & 12

³ 2200 PSI 154.7 Kg Cm²

⁴ 1500 PSI 105.5 Kg Cm²

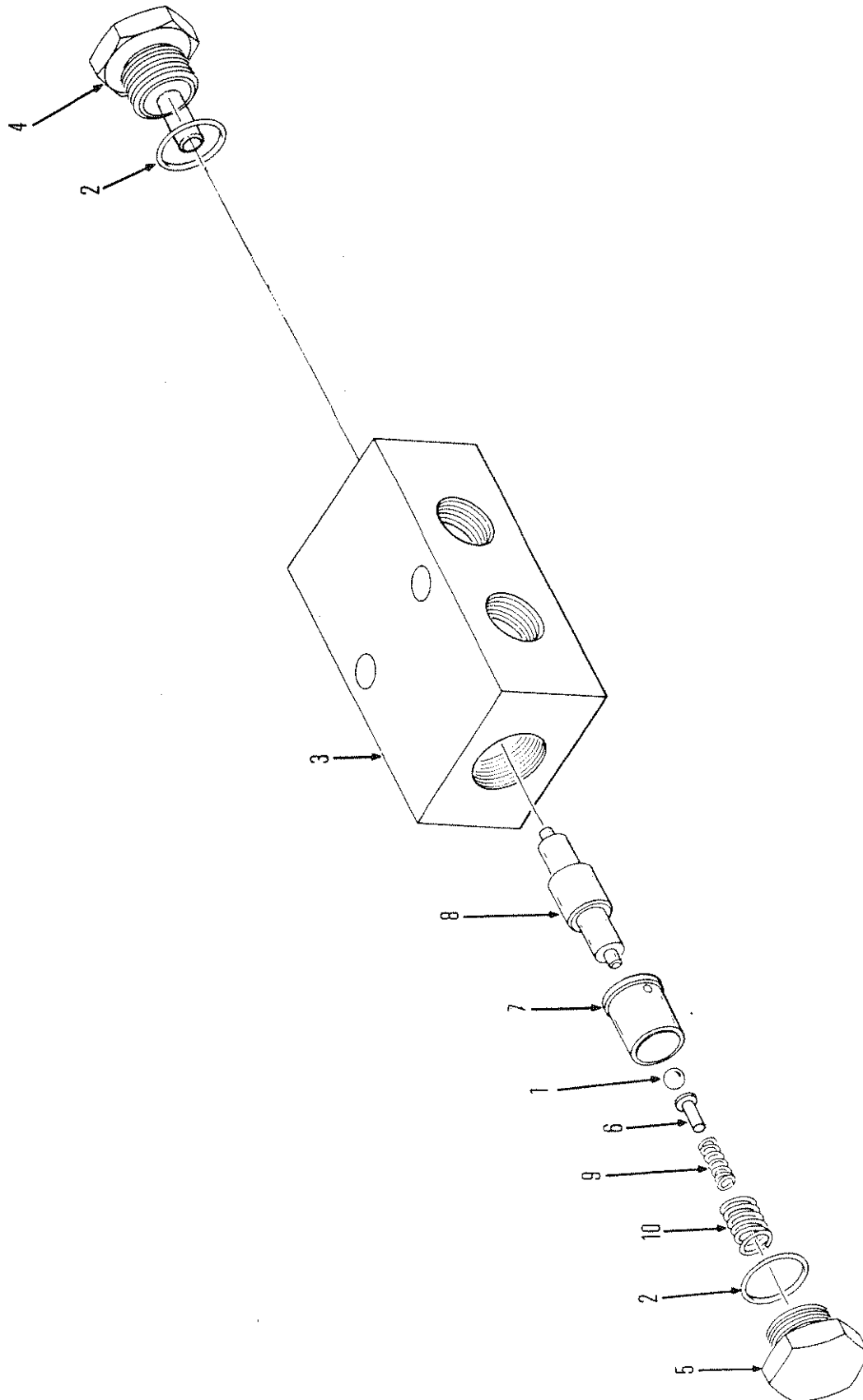
⁵ See B

⁵ Voir B

⁵ Siehe B

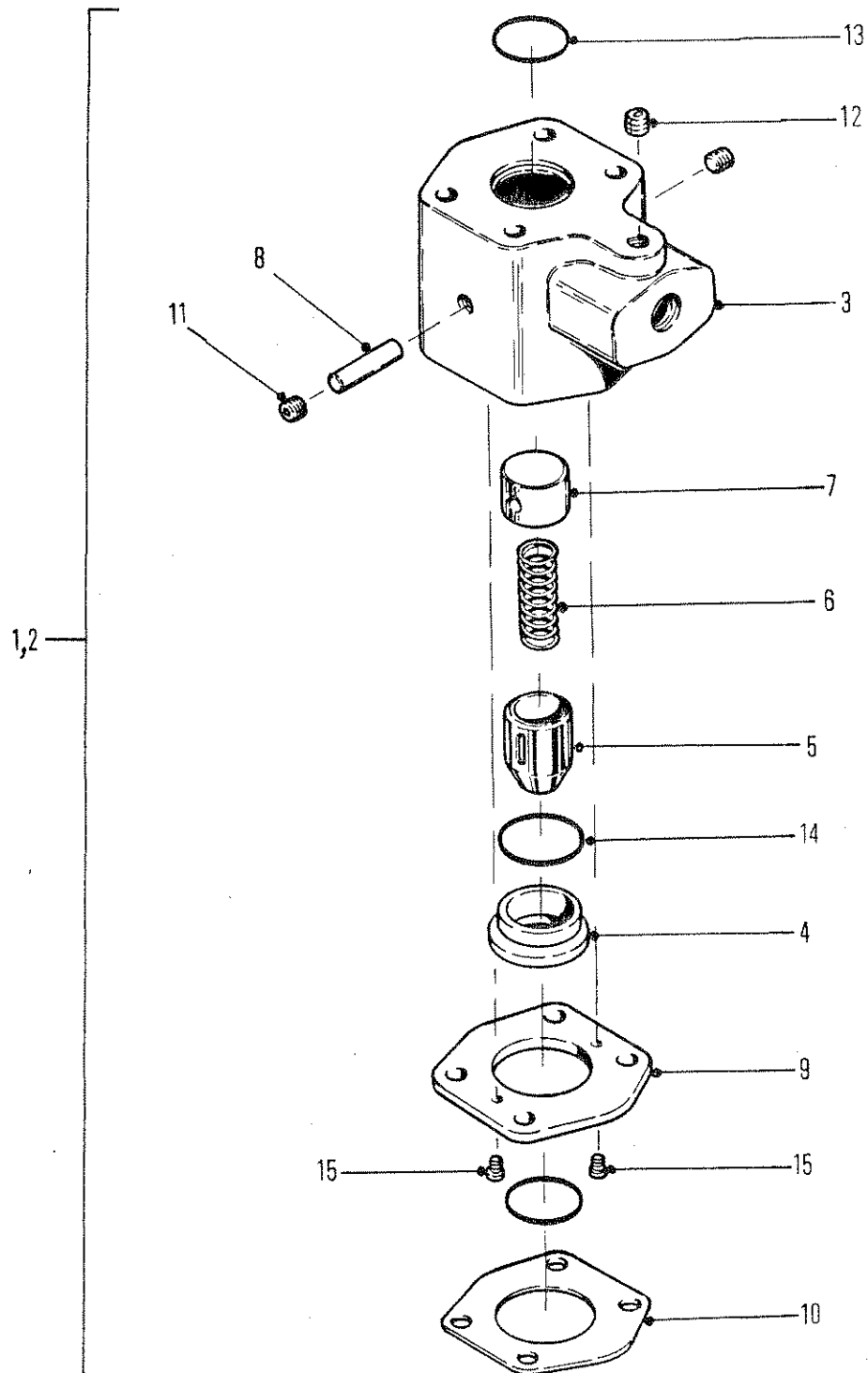
⁵ Veja B

⁵ Véase B



GRAPPLE LOCK VALVE
SOUPAPE DE VERROUILLAGE DE GRAPPIN
VENTIL - GREIFERSCHLOSS
VÁLVULA DE GARRA DE FECHADURA
VÁLVULA DE CERRADURA DE GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1924630	1	Lockvalve assy	ens soup de sûreté	Sperrventil vollst	válv de fecham cj	válv sello cj
1	992712	1	Ball	bille	Kugel	esfera	bola
2	58K000014	2	O-ring	joint torique	O Ring	anel-O	anillo-O
3	1991319	1	Body	carrosserie	Karosserie	carroçria	carroceria
4	1991830	1	Plug	bouchon	Stopfen	bujão	tapón
5	5291082	2	Plug	bouchon	Stopfen	bujão	tapón
6	5291083	1	Spring end	extrémité du ress	Federende	terminal da mola	terminal del resorte
7	5291084	1	Poppet	clapet	Ventilkegel	gatilho	clapeta
8	5291085	1	Piston	piston	Kolben	pistão	pistón
9	5291086	1	Spring	ressort	Feder	mola	resorte
10	5291087	1	Spring	ressort	Feder	mola	resorte

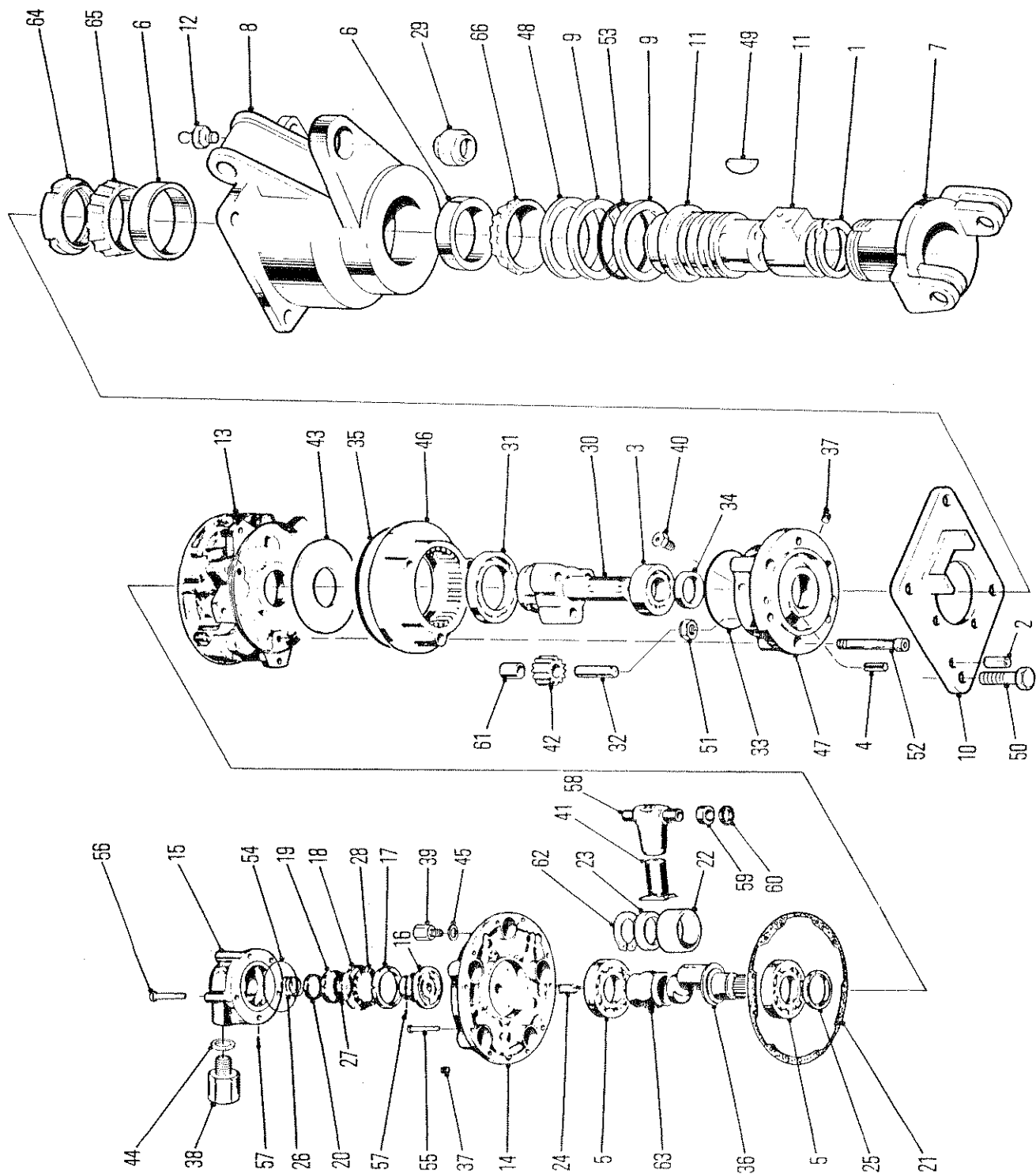


5760TP

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



5758TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1905501	1	Motor head	culasse de moteur	motorenkopf	cabea do motor	cabeza del motor
B	² 1990532	1	Motor assy	ass de moteur	Motoreinheit	conj do motor	conj motor
C	1990557	1	Speed reducer	réduct de vitesse	Untersetzung	reductor velocidade	reductor velocidade
D	^{5†} 1991044	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
1	214337	2	Ring	anneau	Ring	anel	anillo
2	300225	2	Pin	goupille	Stift	pino	pasador
3	302712	1	Bearing	palier	Lager	mancal	cojinete
4	661978	2	Pin	goupille	Stift	pino	pasador
5	713997	2	Bearing	palier	Lager	mancal	cojinete
6	1318083	2	Cup	cuvette	Schale	capa	cubeta
7	1931401	1	Shaft	arbre	Welle	ávore	árbol
8	1915221	1	Housing	botier	Gehuse	carcaça	carcasa
9	1906357	6	Ring	anneau	Ring	anel	anillo
10	1906374	1	Plate	plaque	Platte	placa	placa
11	³ 1916920	1	Shaft & Hsg	arbre trans&encastre	Wellen und Gehäuse	eixo e carcaça	eje y carcasa
12	12H000015	1	Fitting grease	graisseur	Nippel Schmier	graxeira	grasera
13	1990533	1	Motor body	corps de moteur	Motorblock	corpo do motor	cuerpo del motor
14	1990534	1	Motor cover	couvercle de moteur	Motordeckel	tampa do motor	cub del motor
15	1990535	1	Housing	botier	Gehuse	carcaça	carcasa
16	1990540	1	Distributor	distributeur	Verteiler	distribuidor	distribuidor
17	1990541	1	Ring	anneau	Ring	anel	anillo
18	1990542	1	Ring	anneau	Ring	anel	anillo
19	1990543	1	Ring	anneau	Ring	anel	anillo
20	1990544	1	Ring	anneau	Ring	anel	anillo
21	1990546	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
22	1990547	2	Ring	anneau	Ring	anel	anillo
23	1992349	2	Spring	ressort	Feder	mola	resorte
24	1990550	1	Pin	goupille	Stift	pino	pasador
25	1990551	1	Seal	joint étanchéité	Dichtung	vedador	sello
26	1990554	1	Spring	ressort	Feder	mola	resorte
27	1990555	1	Spring	ressort	Feder	mola	resorte
28	1990556	1	Spring	ressort	Feder	mola	resorte
29	1574466	1	Bushing	chemise	Buchse	bucha	buje
30	1990559	1	Crankshaft	vilbrequin	Kurbelwelle	virabrequim	cigüeal
31	1990560	1	Bearing	palier	Lager	mancal	cojinete
32	1990564	3	Pin	goupille	Stift	pino	pasador
33	1990565	1	O-ring	joint torique	O Ring	anel-O	anillo-O
34	1990566	1	Seal	joint étanchéité	Dichtung	vedador	sello
35	1990567	1	O-ring	joint torique	O Ring	anel-O	anillo-O
36	1990568	1	Crankshaft	vilbrequin	Kurbelwelle	virabrequim	cigüeal
37	1990569	4	Plug	bouchon	Stopfen	bujão	tapón
38	1990571	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
39	1990572	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
40	1990573	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
41	⁴ 1990574	5	Piston	piston	Kolben	pistão	pistón
42	⁶ 1990596	3	Wheel	roue	Rad	roda	rueda
43	1990606	1	Plato	plaque	Platte	placa	placa
44	1990628	3	O-ring	joint torique	O Ring	anel-O	anillo-O
45	1990629	1	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ Inc 3→5, 13→28, 30→45, 46, 47, 51, 52, 54→60, 62 & 63

² Inc 5, 13→28, 36→39, 41, 44, 45, 54→60, 62

³ Inc 1, 9, 49 & 53

⁴ Inc 58

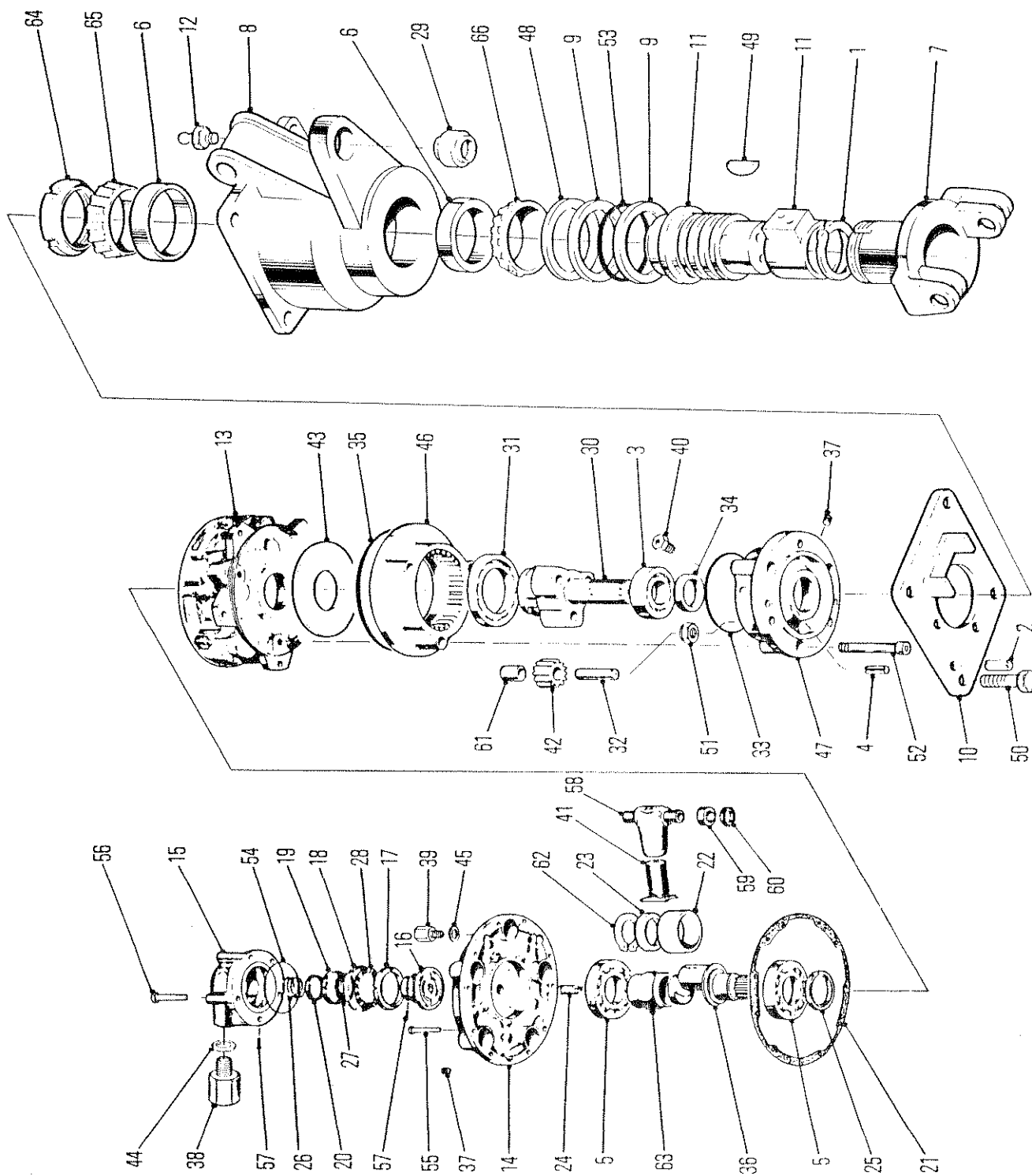
⁵ Inc 21, 25, 33, 34, 35, 54, 57, 59, 60

⁶ Inc 61

⁷ Ref. 48

⁸ Ref. 41

⁹ Ref. 42



5758TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	1990631	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
47	1990632	1	Case	boîtier	Gehäuse	carcaça	carcasa
48	1915219	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
49	6J001255	1	Key	clavette	Keil	chaveta	chaveta
50	17C000840	4	Bolt	boulon	Bolzen	parafuso	bulón
51	17D000006	3	Nut	écrou	Mutter	porca	tuerca
52	2GM001290	3	Screw	vis	Schraube	parafuso	tornillo
53	25K040300	3	O-ring	joint torique	O Ring	anel-O	anillo-O
54	25K040304	1	O-ring	joint torique	O Ring	anel-O	anillo-O
55	4CM01035	10	Bolt	boulon	Bolzen	parafuso	bulón
56	4CM01080	5	Bolt	boulon	Bolzen	parafuso	bulón
57	⁷ S-----	14	Pin	goupille	Stift	pino	pasador
58	⁸ S-----	5	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
59	⁷ S-----	10	Bushing	chemise	Buchse	bucha	buje
60	⁷ S-----	10	Seal	joint étanchéité	Dichtung	vedador	sello
61	⁹ S-----	-	Bushing	chemise	Buchse	bucha	buje
62	1992350	1	Ring	anneau	Ring	anel	anillo
63	1992351	1	Support	support	Abstützung	suporte	soporte
64	1938931	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
65	1318084	2	Cone	cône	Kegel	cone	cono

¹ Inc 3→5, 13→28, 30→45, 46, 47, 51, 52, 54→60, 62 & 63

² Inc 5, 13→28, 36→39, 41, 44, 45, 54→60, 62

³ Inc 1, 9, 49 & 53

⁴ Inc 58

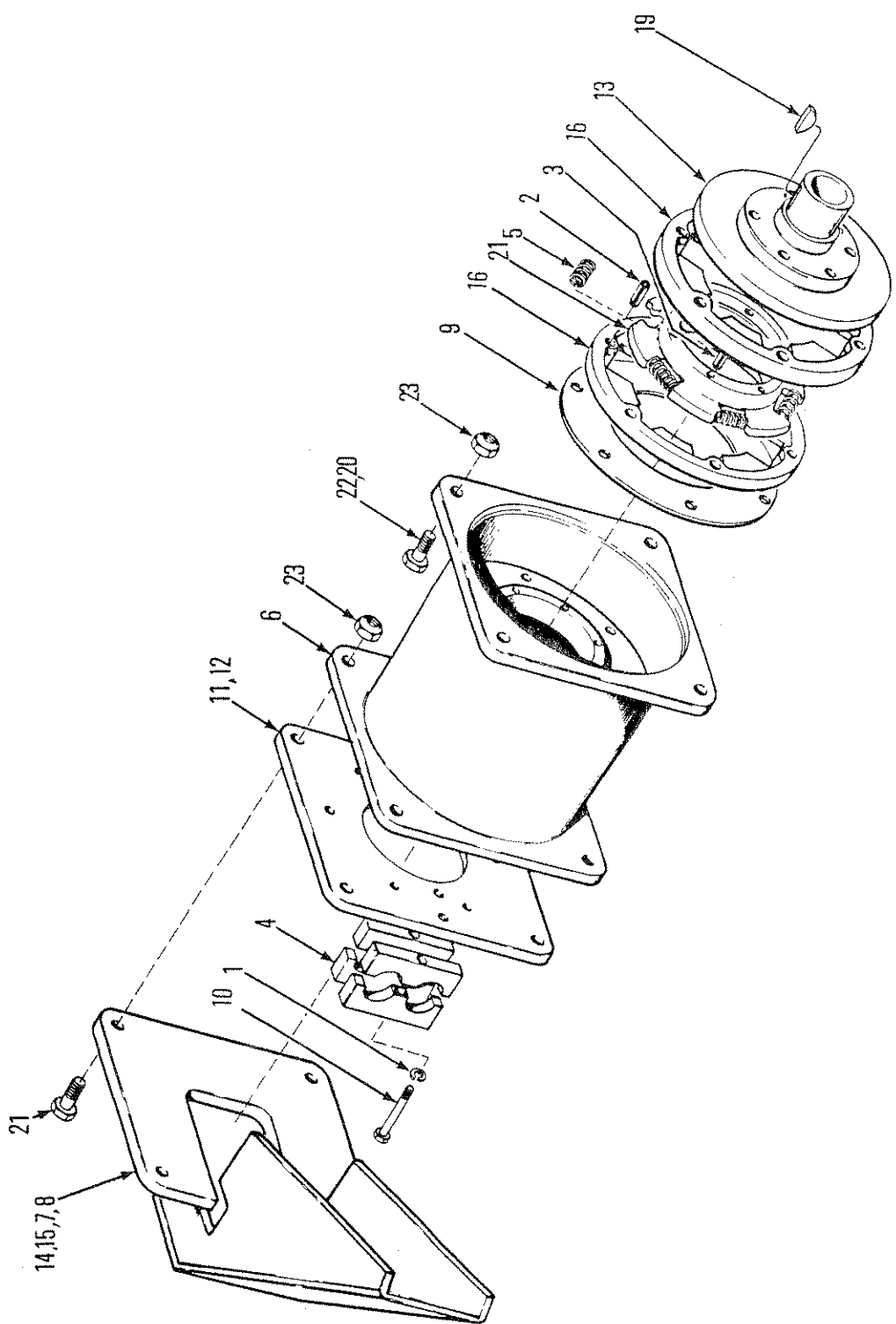
⁵ Inc 21, 25, 33, 34, 35, 54, 57, 59, 60

⁶ Inc 61

⁷ Ref. 48

⁸ Ref. 41

⁹ Ref. 42



SELF-CENTERING MECHANISM
MÉCANISME À SERRAGE CONCENTRIQUE
SELBST-EINSTELLVORRICHTUNG
MECANISMO AUTO-CENTRANTE
MECANISMO AUTO CENTRADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1908937	1	Self center mech	mécanism auto-cent	Autom Zentr Mech	mecan auto-centr	mecan autocentr
B	² 1990575	15	Spring assy	ressort ens	Feder vollst	mola conj	resorte conj
C	³ 1990605	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
1	⁶ 626787	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
2	⁶ 59648	84	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
3	⁶ 66888	12	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
4	¹ 905923	2	Clamp	pince	Schelle	braçadeira	abrazadera
5	¹ 906965	90	Spring	ressort	Feder	mola	resorte
6	⁷ 1908569	1	Housing	botier	Gehuse	carcaça	carcasa
7	⁴ 1908573	1	Plate	plaque	Platte	placa	placa
8	⁵ 1908574	1	Plate	plaque	Platte	placa	placa
9	¹ 908916	14	Shim	cale	Beilage	calço	planchita
10	³ 3C000540	2	Bolt	boulon	Bolzen	parafuso	bulón
11	¹ 908941	1	Plate	plaque	Platte	placa	placa
12	¹ 1909367	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
13	¹ 911958	1	Plate	plaque	Platte	placa	placa
14	⁵ 1913783	1	Cover plate	couvre-joint	Deckelplatte	prato cobertura	cubreplaca
15	⁶ 1913786	1	Cover plate	couvre-joint	Deckelplatte	prato cobertura	cubreplaca
16	⁹ §-----	-	Ring outer	bague extérieure	Ring Aussen	anel externo	anillo exterior
17	⁸ 1913781	1	Housing	botier	Gehuse	carcaça	carcasa
18	¹ 990637	1	Rotor Hd Kit	ens tête de rotor	Rotorkopf-Baugruppe	jgo do cabeçote do rotor	jgo de cabeza oscilant
19	⁷ J0005110	1	Key	clavette	Keil	chaveta	chaveta
20	¹ 7C000832	8	Bolt	boulon	Bolzen	parafuso	bulón
21	⁹ §-----	-	Ring inner	bague intérieure	Ring Innen-	anel interno	anillo interior
22	¹ 7C000832	8	Bolt	boulon	Bolzen	parafuso	bulón
23	⁵ 9D000006	8	Nut	écrou	Mutter	porca	tuerca

¹ Inc B, C, 1 → 23

² Inc 5, 16 & 21

³ Inc 2, 3, 9, 11 → 13, 19 & 23

⁴ □ 664Gr-150°

⁵ □ 667Gr-250°

⁶ □ 666Gr-250°

⁷ 150°

⁸ 250°

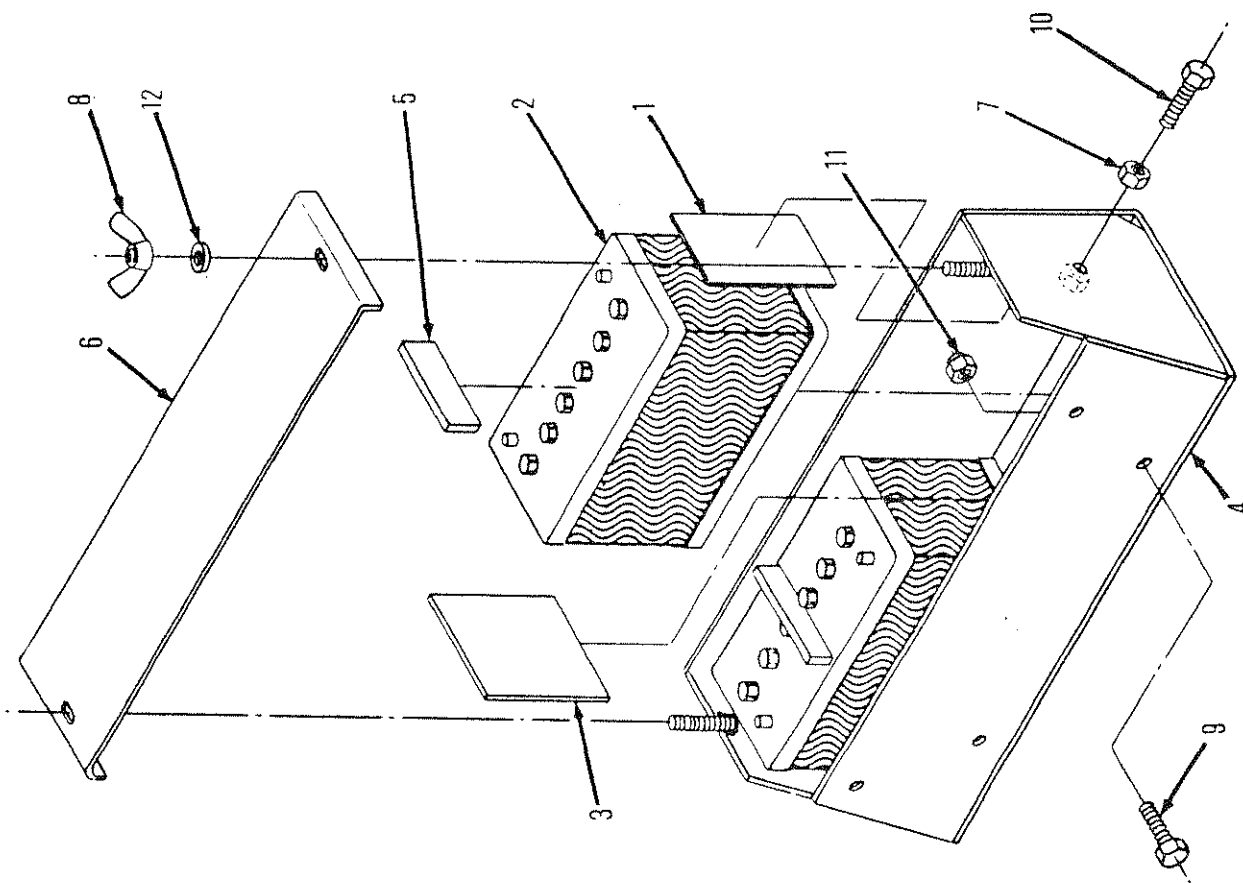
⁹ See B

⁹ Voir B

⁹ Siehe B

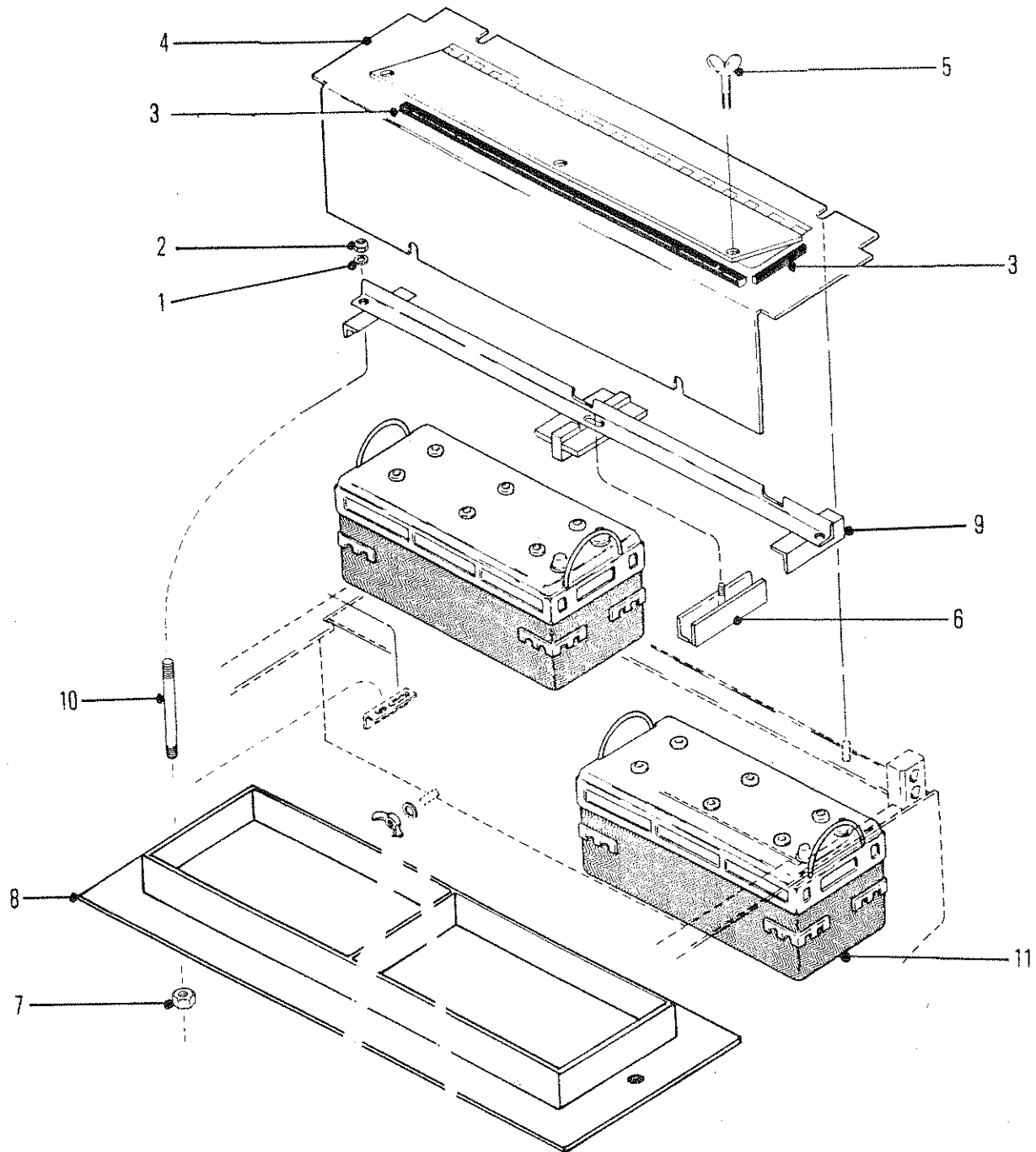
⁹ Veja B

⁹ Véase B



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	791949	1	Plate	plaque	Platte	placa	placa
2	1801094	2	Battery	batterie	Batterie	bateria	bateria
3	1900806	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
4	1900902	1	Box	bote	Kasten	caixa	caja
5	1903464	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	1904958	1	Cover	couvercle	Deckel	tampa	tapa
7	7D0000012	1	Nut	écrou	Mutter	porca	tuerca
8	16D000008	2	Nut	écrou	Mutter	porca	tuerca
9	17C001020	4	Bolt	boulon	Bolzen	parafuso	bulón
10	17C001224	1	Bolt	boulon	Bolzen	parafuso	bulón
11	17D000009	4	Nut	écrou	Mutter	porca	tuerca
12	25E000021	1	Washer	rondelle	Scheibe	arruela	arandela

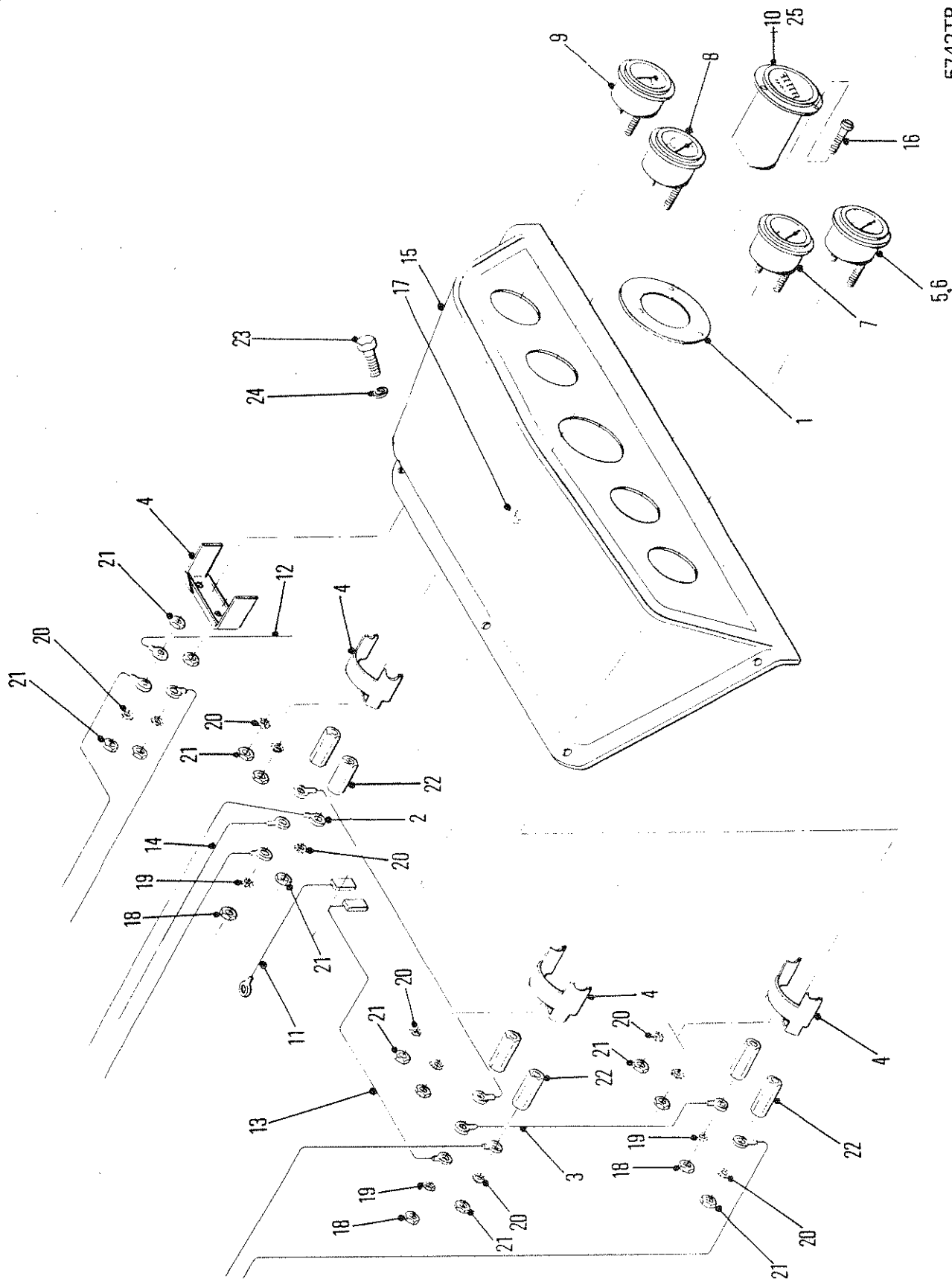


5755TP

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	25E000015	6	Washer	rondelle	Scheibe	arruela	arandela
2	7D0000005	4	Nut	écrou	Mutter	porca	tuerca
3	1901632	4	Weatherstrip	calfatage	Zugluftabschliesser	tira vedadora	calafate ventana
4	1909802	1	Cover	couvercle	Deckel	tampa	tapa
5	1903932	3	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
6	1906257	3	Bolt	boulon	Bolzen	parafuso	bulón
7	17D000002	4	Nut	écrou	Mutter	porca	tuerca
8	1914213	1	Retainer	arrêtoir	Halterung	retentor	retén
9	1914972	1	Hold down assy	ass d'installation	Halteeinheit	conj restritor	conj restringir
10	1914211	2	Bolt	boulon	Bolzen	parafuso	bulón
11	1801094	2	Battery	batterie	Batterie	bateria	batería

5742TP



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

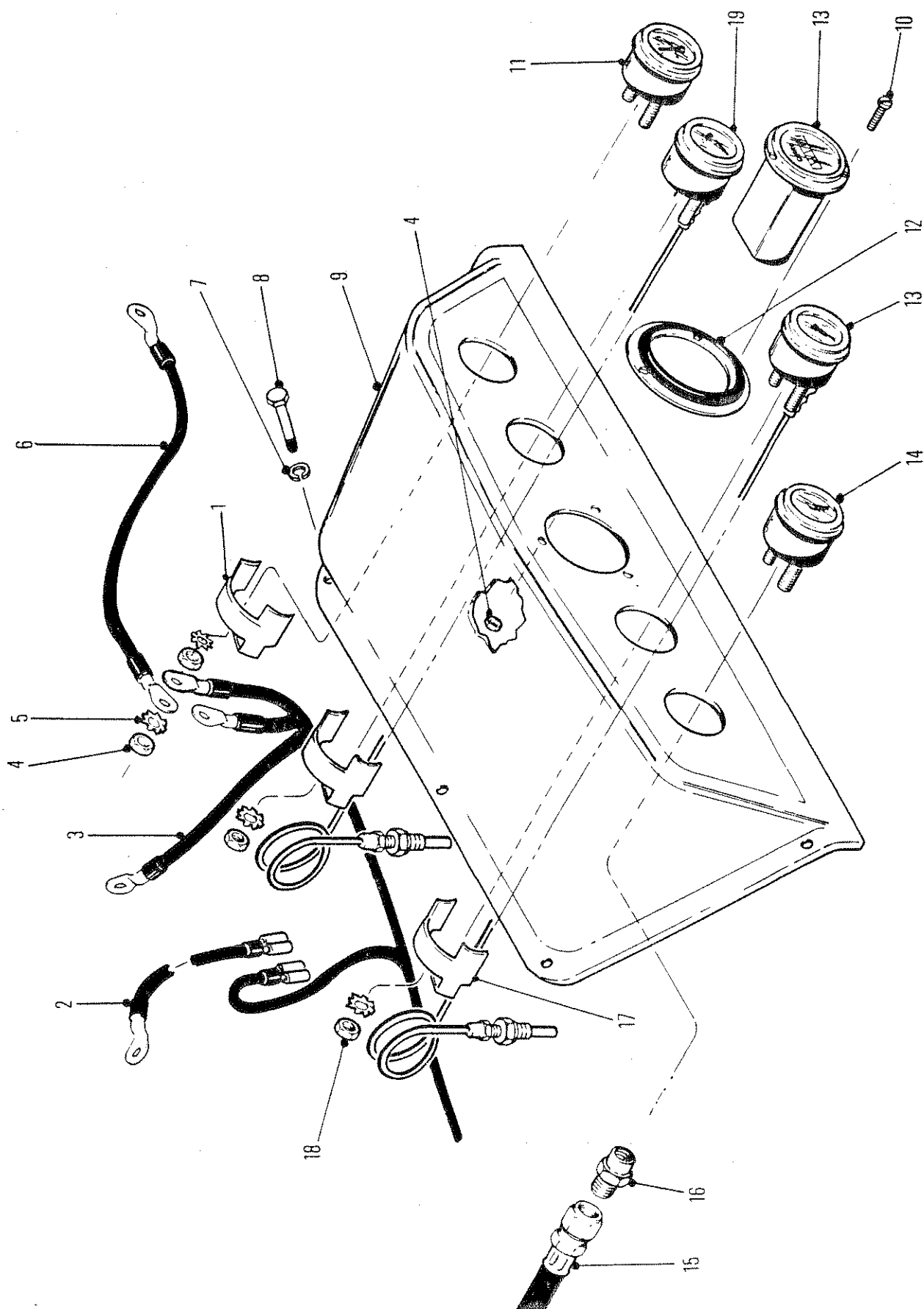
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	2524789	1	Dampener	amortisseur	Dämpfer	amortecedor	amortiguador
2	652764	1	Wire	fil	Draht	fio	cable
3	695343	1	Jumper wire	fil volant	Schaltdraht	cabo jumper	alambre del conec
4	1534136	4	Clamp	pince	Schelle	braçadeira	abrazadera
5	1534139	1	Gauge oil press	jauge press huile mot	Oldruckmesser Mot	manôm óleo motor	manôm aceite motor
6	1534140	1	Gauge oil press	jauge press huile mot	Oldruckmesser Mot	manôm óleo motor	manôm aceite motor
7	1534143	1	Gaug water temp	jauge de temp eau	Wassertemp anz	med temper água	med temp agua
8	1534144	2	Gauge conv temp	jauge convertisseur	Tempmssr Drehmwndlr	termtro conversor	termtro convertidor
9	1798568	1	Gauge ammeter	jauge de lampmre	Ampremeter	cal do amperímetro	amperímetro
10	1811377	1	Hourmeter kit	jeu compteur horaire	Stundenzählersatz	jogo horímetro	juego cuentahoras
11	1900460	1	Wire	fil	Draht	fio	cable
12	1900464	1	Wire	fil	Draht	fio	cable
13	1901447	1	Jumper wire	fil volant	Schaltdraht	cabo jumper	alambre del conec
14	1901448	1	Wire	fil	Draht	fio	cable
15	1902847	1	Inst panel	tableau de bord	Instrumentenbrett	painel de instrumentos	panel instrumentos
16	85G000608	6	Screw	vis	Schraube	parafuso	tornillo
17	15D000006	3	Nut	écrou	Mutter	porca	tuerca
18	12D000008	3	Nut	écrou	Mutter	porca	tuerca
19	12E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
20	12E000010	13	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	14D000010	13	Nut	écrou	Mutter	porca	tuerca
22	§-----	6	Spacer	entretoise	Distanzteil	espaçador	espaciador
23	17C000412	5	Bolt	boulon	Bolzen	parafuso	bulón
24	24E000004	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
25	2524589	1	Hourmeter	compteur d'heures	Stundenzähler	horímetro	cuenta-horas

¹ Inc 22

² Inc 4

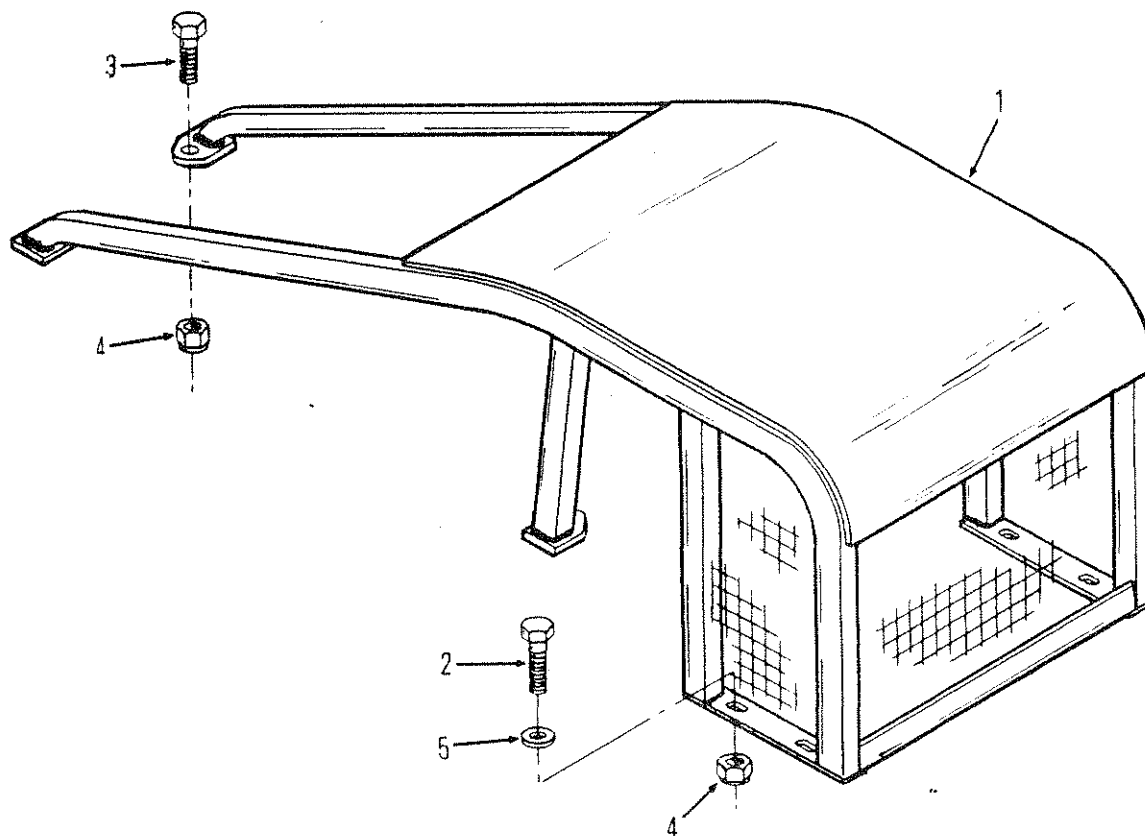
³ Inc 1, 16, 17 & 25

5736TP



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

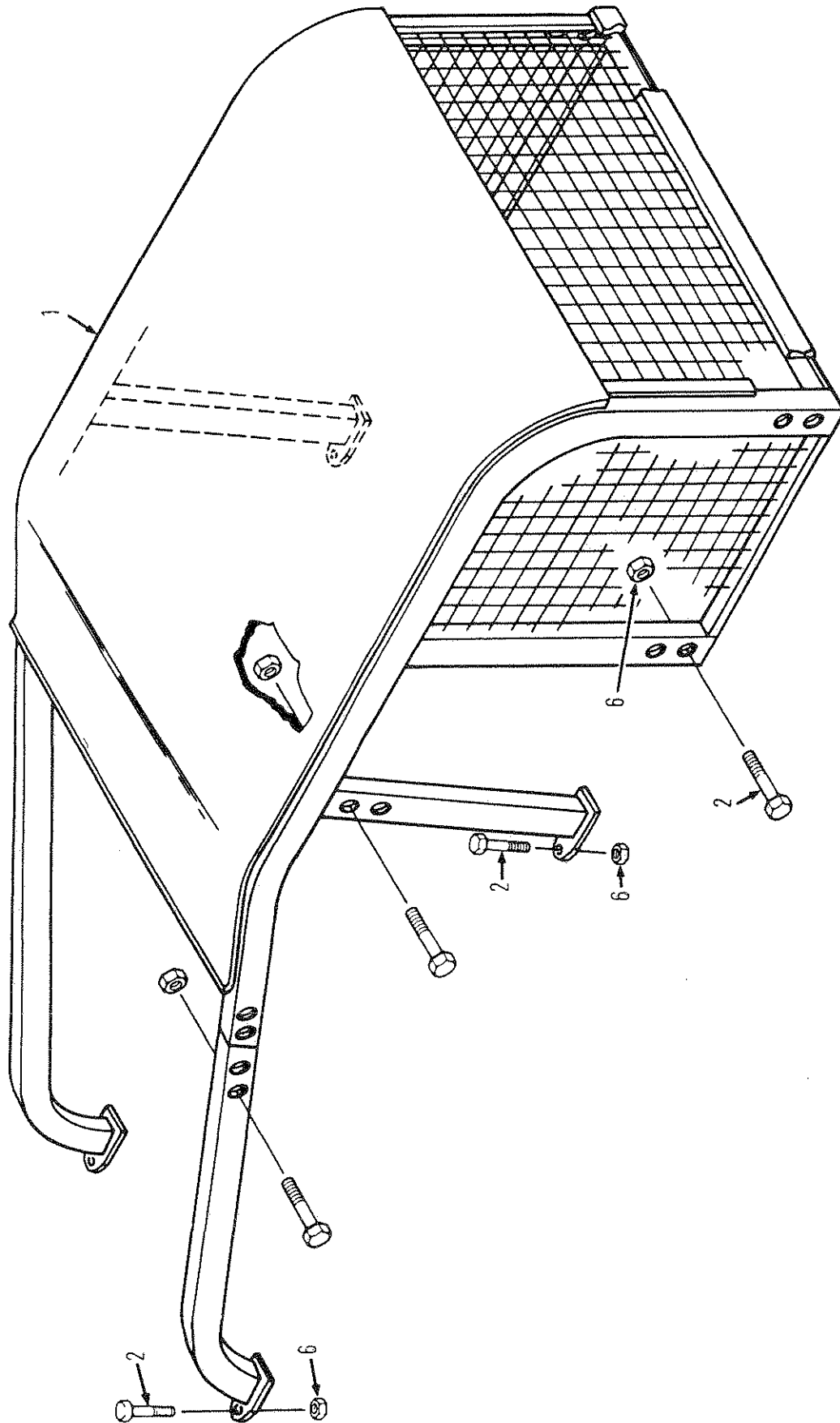
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1534136	4	Bracket	support	Winkel	grampo	grampa
2	1900460	1	Jumper wire	fil volant	Schaltdraht	cabo jumper	alambre del conec
3	1906032	1	Jumper wire	fil volant	Schaltdraht	cabo jumper	alambre del conec
4	12D000006	2	Nut	écrou	Mutter	porca	tuerca
5	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
6	1905778	1	Wire	fil	Draht	fio	cable
7	24E000004	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
8	17C000412	5	Bolt	boulon	Bolzen	parafuso	bulón
9	1902847	1	Panel	panneau	Tafel	painel	panel
10	85G000605	6	Screw	vis	Schraube	parafuso	tornillo
11	1798568	1	Gauge ammeter	jauge de lampmtre	Ampremeter	cal do amperímetro	amperímetro
12	551251	1	Damper vibration	amortisseur vibr	Schwingungsdampfer	amortecedor vibr	amortiguador vibr
13	1801087	1	Hourmeter	compteur dheures	Stundenzähler	horímetro	cuenta-horas
14	1922971	1	Gauge oil press	jauge press huile mot	Oldruckmesser Mot	manôm óleo motor	manóm aceite motor
15	1911507	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	39F000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
17	1991030	3	Bracket	support	Winkel	grampo	grampa
18	1991031	3	Nut	écrou	Mutter	porca	tuerca
19	1922969	1	Gauge conv temp	jauge convertisseur	Tempmssr Drehmwndlr	termtro conversor	termtro convertidor



5813TP

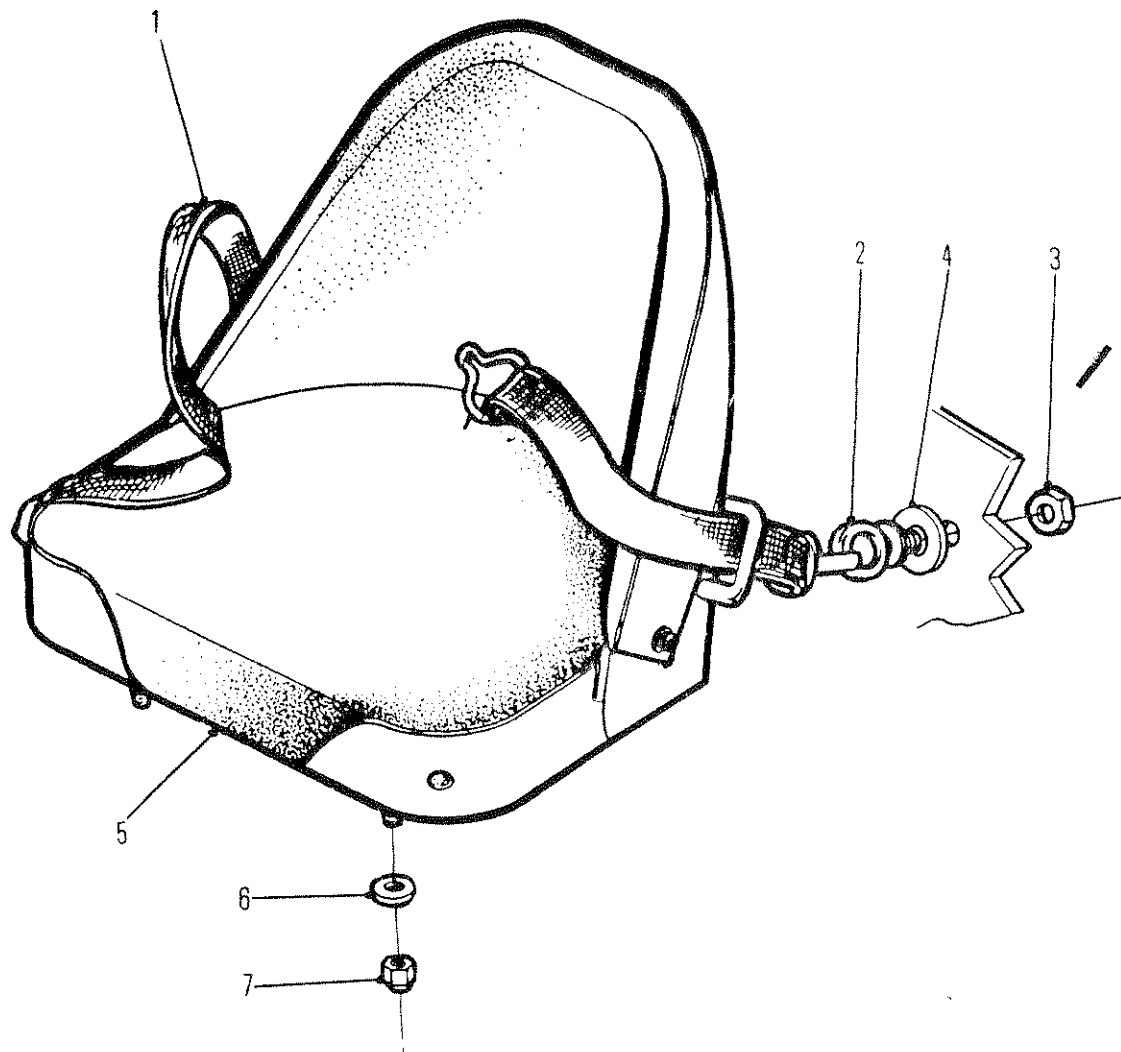
CANOPY
DAIS
SCHUTZDACH
DOSSEL
DOSEL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1901000	1	Canopy	dais	Schutzdach	dosel	dosel
2	17C001024	8	Bolt	boulon	Bolzen	parafuso	bulón
3	17C001028	8	Bolt	boulon	Bolzen	parafuso	bulón
4	17D000009	16	Nut	écrou	Mutter	porca	tuerca
5	25E000017	16	Washer	rondelle	Scheibe	arruela	arandela



CANOPY
DAIS
SCHUTZDACH
DOSSEL
DOSEL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909614	1	Canopy assy	ens dais	Schutzdach vollst	conj dosel	conj dosel
2	17C001028	19	Bolt	boulon	Bolzen	parafuso	bulón
3	17C001032	8	Bolt	boulon	Bolzen	parafuso	bulón
4	17C001048	10	Bolt	boulon	Bolzen	parafuso	bulón
5	17C001064	8	Bolt	boulon	Bolzen	parafuso	bulón
6	17D000009	12	Nut	écrou	Mutter	porca	tuerca



5827TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1908858	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
1	2522107	1	Belt	courroie	Riemen	correia	correa
2	2522745	2	Bolt	boulon	Bolzen	parafuso	bulón
3	60D000007	2	Nut	écrou	Mutter	porca	tuerca
4	2522744	2	Washer	rondelle	Scheibe	arruela	arandela
5	1991831	1	Cushion seat	coussin siege	Sitzkissen	almofada assento	cojin asiento
6	25E000015	4	Washer	rondelle	Scheibe	arruela	arandela
7	59D000005	4	Nut	écrou	Mutter	porca	tuerca

¹ Inc 5

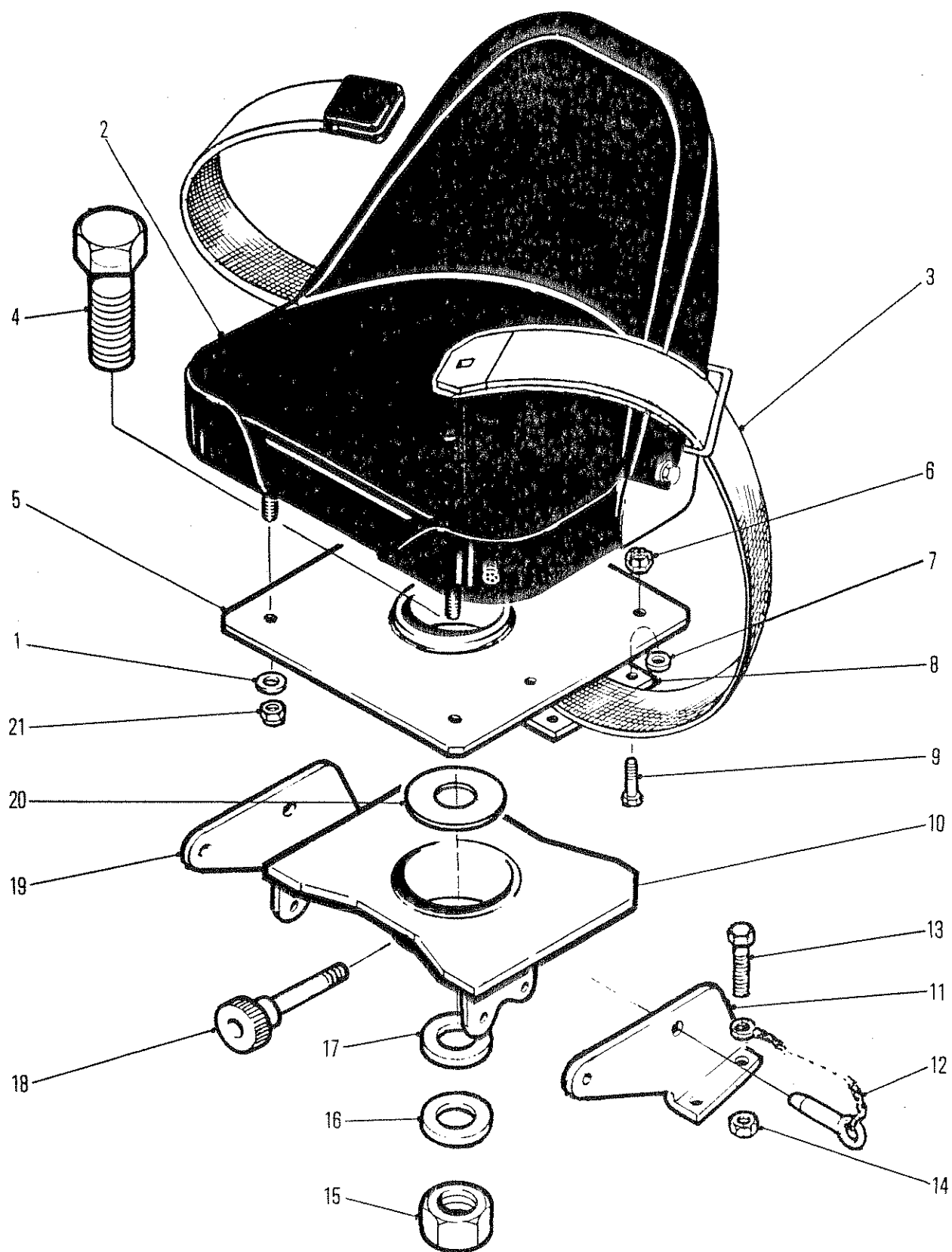
² Ref RSG 334. For service replacement of complete seat assembly, order 1935739 seat. Ref Group F2 40300.

² Ref 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.



6532TP

SEAT ASSEMBLY, ROTATING
ENSEMBLE DE SIÈGE ROTATIF
DREHSITZ VOLLSTÄNDIG
CONJUNTO DE ASSENTO ROTATIVO
CONJUNTO DE ASIENTO ROTATORIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	^{1,2} 1908858	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
1	25E000015	4	Washer	rondelle	Scheibe	arruela	arandela
2	1991831	1	Cushion seat	coussin siege	Sitzkissen	almofada assento	cojin asiento
3	1926962	1	Seat belt	courroie du siège	Sicherheitsgurt	cinto de segurança	cint seguridad
4	17C002048	1	Bolt	boulon	Bolzen	parafuso	bulón
5	1913569	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
6	85D000005	4	Nut	écrou	Mutter	porca	tuerca
7	626787	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
8	1913583	2	Retainer	arrêtoir	Halterung	retentor	retén
9	17C000520	4	Bolt	boulon	Bolzen	parafuso	bulón
10	1913567	1	Seat support	support siège	Sitzabstützung	suporte assento	soporte asiento
11	1917430	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
12	1909699	2	Chain&faspin	chane et goupille	Kette & Faspin	corr e pino prend	cadena y horq
13	17C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
14	59D000008	6	Nut	écrou	Mutter	porca	tuerca
15	59D000020	1	Nut	écrou	Mutter	porca	tuerca
16	1913574	1	Washer	rondelle	Scheibe	arruela	arandela
17	±1525766	-	Washer	rondelle	Scheibe	arruela	arandela
18	1914075	1	Seat lock	serrure du siège	Sitzsperre	trava do assento	seguro del asiento
19	1917429	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
20	1913575	1	Shim	cale	Beilage	calço	planchita
21	85D000005	4	Nut	écrou	Mutter	porca	tuerca

¹ Inc 2

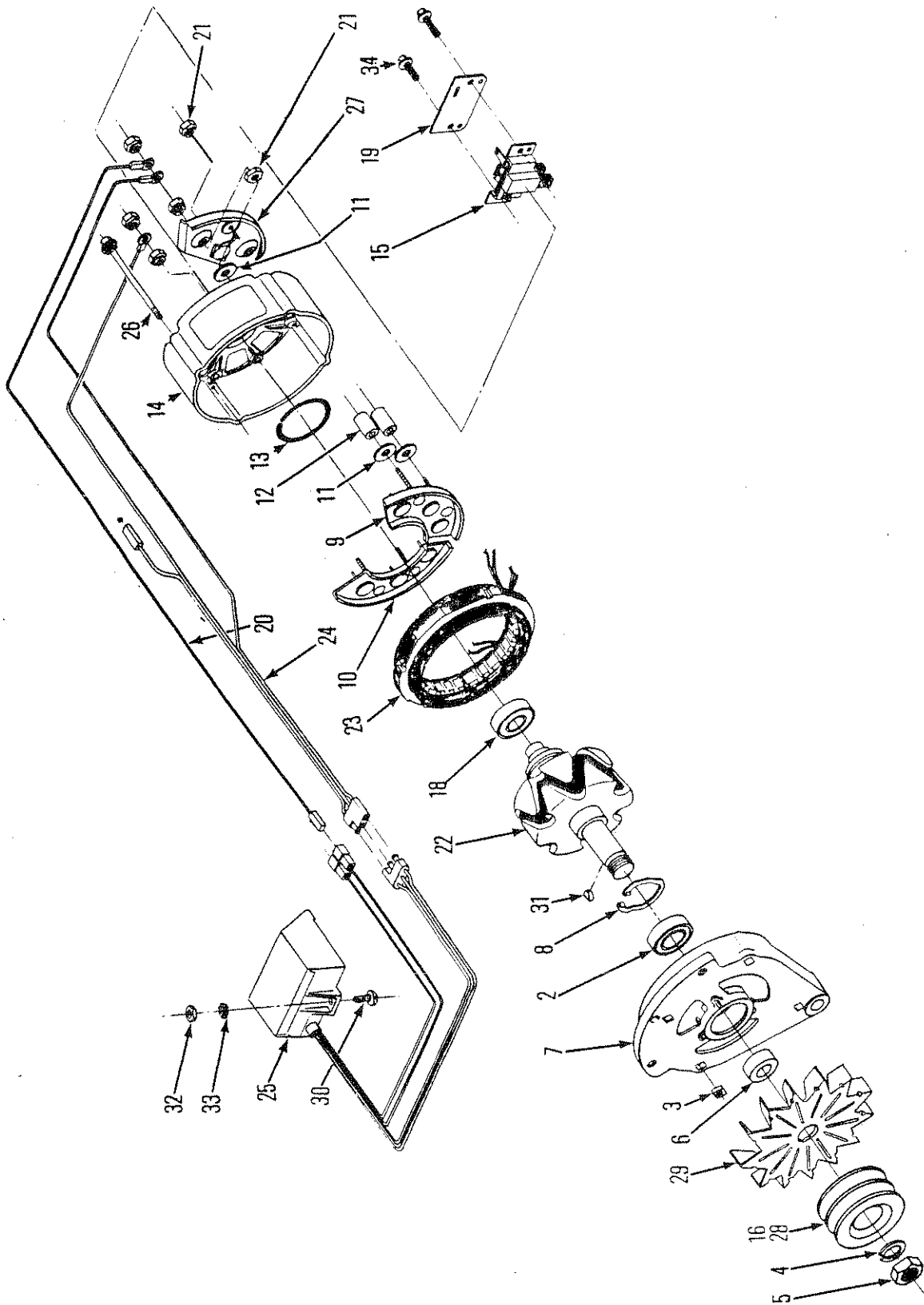
² Ref RSG 334. For service replacement of complete seat assembly, order 1935739 seat. Ref Group F2 40300.

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.



**ALTERNATOR
ALTERNATEUR
ALTERNATOR
ALTERNADOR
ALTERNADOR**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1907943	1	Alternator assy	ass de l'alternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	○-----	-	Belt	courroie	Riemen	correia	correa
2	² 784950	1	Bearing	palier	Lager	mancal	cojinete
3	³ 853847	4	Nut	écrou	Mutter	porca	tuerca
4	⁴ 896978	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	⁵ 896979	1	Nut	écrou	Mutter	porca	tuerca
6	⁶ 896982	1	Fan Spacer	ventil entretoise	Vent Distanzteil	vent espaçador	vent espaciador
7	⁷ 896983	1	Housing	botier	Gehuse	carcaça	carcasa
8	⁸ 896985	1	Retainer	arrêtoir	Halterung	retentor	retén
9	⁹ 896988	1	Diode	diode	Diode	diodo	diodo
10	¹⁰ 896989	1	Diode	diode	Diode	diodo	diodo
11	¹¹ 896990	4	Washer	rondelle	Scheibe	arruela	arandela
12	¹² 896991	2	Sleeve	manchon	Muffe	luva	manguito
13	¹³ 896992	1	Retainer	arrêtoir	Halterung	retentor	retén
14	¹⁴ 896993	1	Housing	botier	Gehuse	carcaça	carcasa
15	¹⁵ 896994	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
16	¹⁶ 1917720	1	Pulley	poulie	Riemenscheibe	polia	polea
17	○-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correia do alternador	Correa del alternador
18	¹⁸ 1309108	1	Bearing	palier	Lager	mancal	cojinete
19	¹⁹ 5-----	1	Cover	couvercle	Deckel	tampa	tapa
20	²⁰ 1916142	1	Wire	fil	Draht	fio	cable
21	²¹ 50D000010	6	Nut	écrou	Mutter	porca	tuerca
22	²² 1990106	1	Rotor	rotor	Rotor	rotor	rotor
23	²³ 1990109	1	Stator	stator	Stator	estator	estator
24	²⁴ 1990134	1	Cable	câble	Kabel	cabo	cable
25	²⁵ 1990135	1	Voltage regulator	régulateur tension	Spannungsregler	regulador voltagem	regulador voltaje
26	²⁶ 1990194	4	Bolt	boulon	Bolzen	parafuso	bulón
27	²⁷ 1990196	1	Diode, isolation	isolation diode	isolationsdiode	isolação do diodo	aislam diodo
28	²⁸ 1990300	1	Pulley	poulie	Riemenscheibe	polia	polea
29	²⁹ 1990503	1	Fan	ventilateur	Ventilator	ventilador	ventilador
30	³⁰ 3G0001010	3	Screw	vis	Schraube	parafuso	tornillo
31	³¹ 6J000405	1	Key	clavette	Keil	chaveta	chaveta
32	³² 12D000010	3	Nut	écrou	Mutter	porca	tuerca
33	³³ 12E000010	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	³⁴ 18G000812	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 5, 7 → 18, 21 → 24, 26, 27, 29, 31, 34

² Inc 19

³ 1 inch Single Groove

³ Rainure simple 1"

³ Nute, einfach, 1"

³ Fenda Simples de 1 polegada

³ Ranura simple de 1 plg.

⁴ 1 inch Single Groove

⁴ Rainure simple 1"

⁴ Nute, einfach, 1"

⁴ Fenda Simples de 1 polegada

⁴ Randura simple de 1 plg.

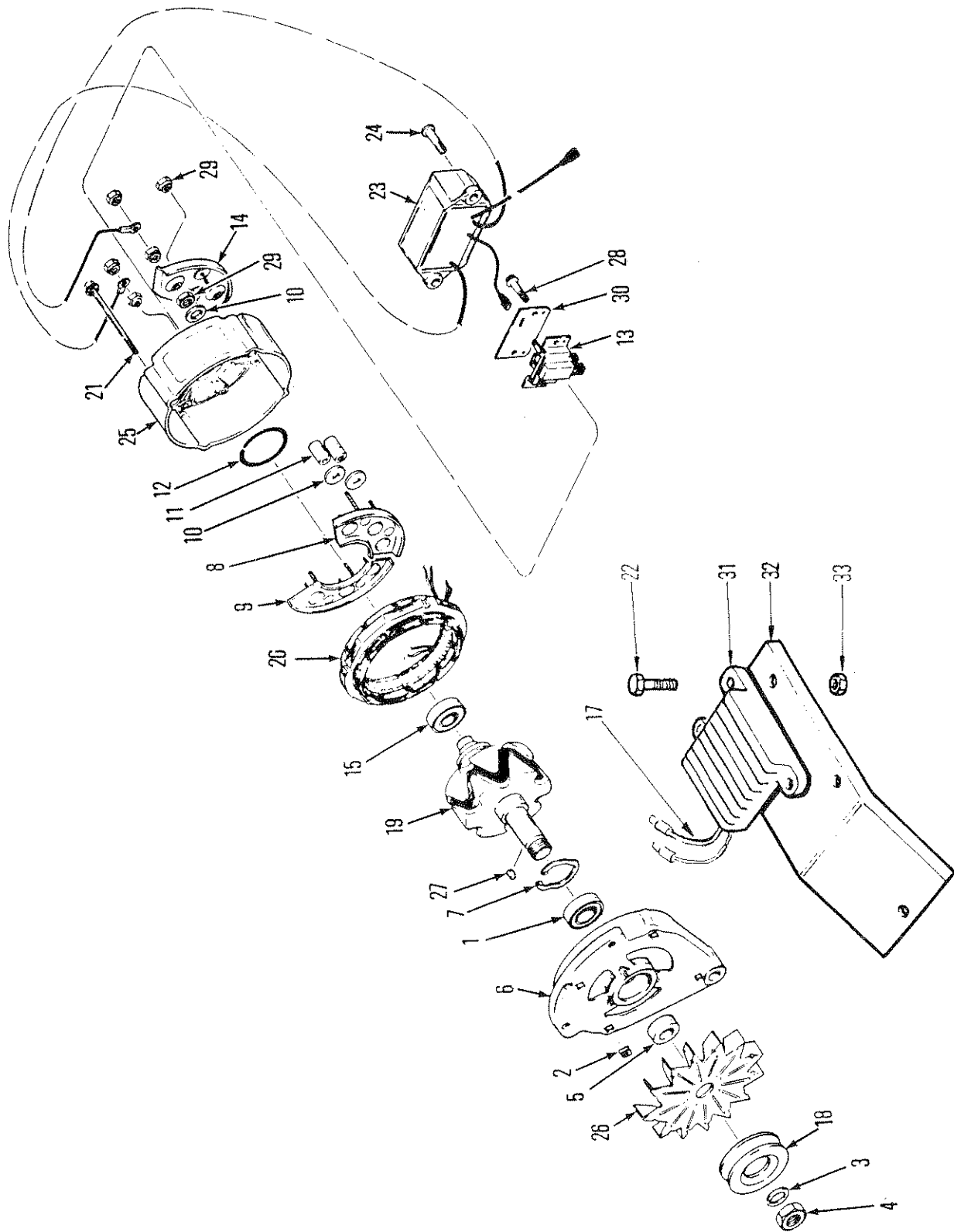
⁵ See item 15

⁵ Voir 15

⁵ Siehe 15

⁵ Veja 15

⁵ Véase 15



ALTERNATOR ALTERNATEUR ALTERNATOR ALTERNADOR ALTERNADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1907944	1	Alternator assy	ass de l'alternat	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	0-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correia do alternador	Correa del alternador
17	1303213	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
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	1990300	1	Pulley	poulie	Riemenscheibe	polia	polea
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	bascul de chargemt	Lade-Kippvorrichtung	descarga de la presión	disposit carga entuihr
32	1917836	1	Bracket	support	Winkel	grampo	grampa
33	59D000006	1	Nut	écrou	Mutter	porca	tuerca

1 Inc 1→15, 19→21, 24→30

2 Double groove

2 Gorge double

2 Doppelnut

2 Canelura dupla

2 Muesca doble

3 See item 13

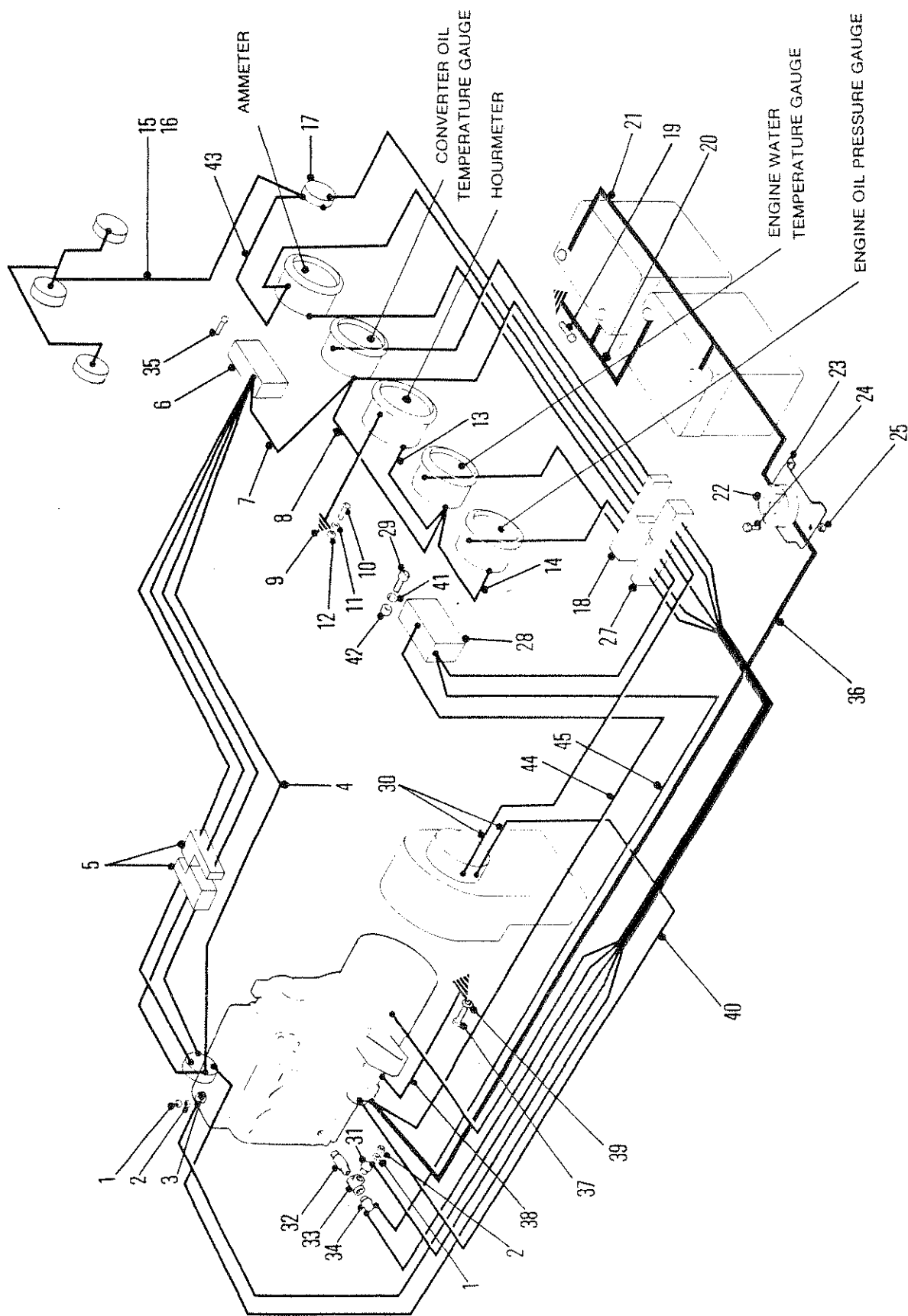
3 Voir 13

3 Siehe 13

3 Veja 13

3 Véase 13

4 Inc 30



6245TP

ELECTRICAL SYSTEM
SYSTÈME ELECTRIQUE
ELEKTRISCHE ANLAGE
SISTEMA ELECTRICO
SISTEMA ELECTRICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	12E000010	17	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
2	14D000010	17	Nut	écrou	Mutter	porca	tuerca
3	551323	1	Sender temp	temp du relais	Temperaturgeber	temper da transm	temp trans
4	1900582	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
5	1990134	1	Connctg cable	câble raccord	Verbindungskabel	cabo conexão	cable conexión
6	1990135	1	Regulator	régulateur	Regler	regulador	regulador
7	1901448	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
8	652764	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
9	1900460	1	Ground wire	fil de terre	Massedraht	fio de terra	cable de tierra
10	3G0000605	6	Screw	vis	Schraube	parafuso	tornillo
11	14E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	12D000006	3	Nut	écrou	Mutter	porca	tuerca
13	1901447	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
14	695343	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
15	1-----	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
16	1-----	3	Light	lampe	Licht	lâmpada	lámpara
17	1-----	1	Switch	interrupteur	Schalter	interruptor	interruptor
18	1902855	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
19	17C000844	3	Bolt	boulon	Bolzen	parafuso	bulón
20	1906389	1	Cable	câble	Kabel	cabo	cable
21	1906390	1	Cable	câble	Kabel	cabo	cable
22	754019	1	Switch	interrupteur	Schalter	interruptor	interruptor
23	1901993	1	Bracket	support	Winkel	grampo	grampa
24	18C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
25	8D0000006	4	Nut	écrou	Mutter	porca	tuerca
26	1661555	1	Fuse	fusible	Sicherung	fusível	fusible
27	1902854	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
28	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
29	85G000816	2	Screw	vis	Schraube	parafuso	tornillo
30	1902615	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
31	1618574	1	Sender oil press	captr press huile	Sender ldruck	sonda press óleo	sonda press aceite
32	5K0000108	1	Nipple	raccord	Nippel	niple	niple
33	19F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
34	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
35	3G0001010	3	Screw	vis	Schraube	parafuso	tornillo
36	1901994	1	Cable	câble	Kabel	cabo	cable
37	17C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
38	539701	1	Ground strap	ligne de masse	Massesriefen	guarn de terra	flete de tierra
39	24E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
40	1902616	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
41	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	12D000006	2	Nut	écrou	Mutter	porca	tuerca
43	1900464	1	Jumper wire	fil volant	Schalt draht	cabo jumper	alambre del conec
44	§-----	1	Yellow@14				
45	§-----	1	Red@14				

¹ Ref F2 90000

² Inc 26

³ Inc 26 & 30

⁴ For proper use of new sender see RSG 166

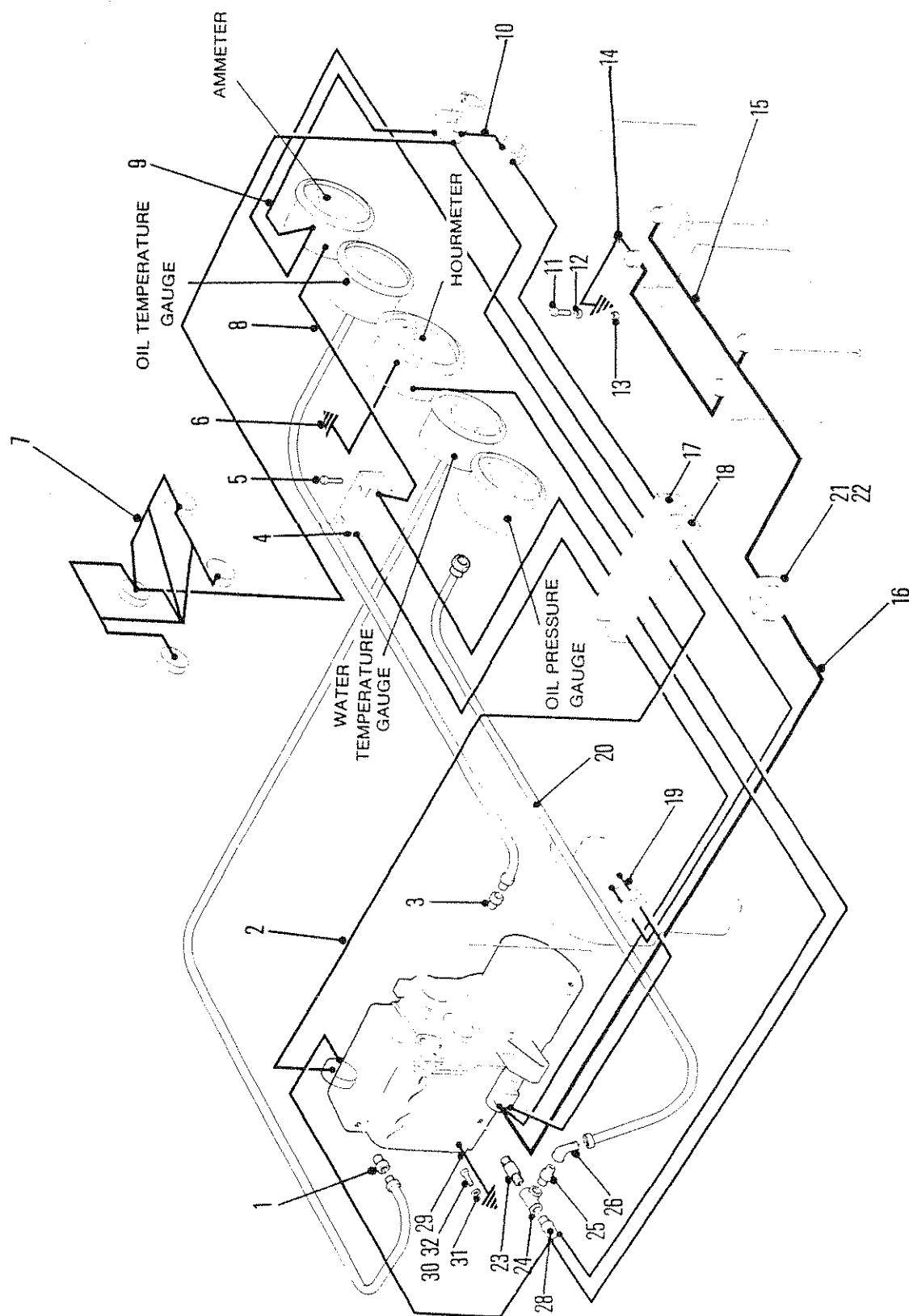
⁴ Se référer au RSG 166 pour l'utilisation correcte du nouveau transmetteur

⁴ Richtige Anwendung des neuen Geber, siehe RSG 166

⁴ Ref a RSG 166 para o uso correto da nova sonda

⁴ Para uso correcto de la sonda nueva ver RSG 166

6243TP



ELECTRICAL SYSTEM
SYSTÈME ELECTRIQUE
ELEKTRISCHE ANLAGE
SISTEMA ELECTRICO
SISTEMA ELECTRICO

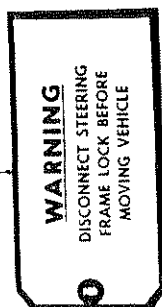
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	19F000009	1	Bushing	chemise	Buchse	bucha	buje
2	1905779	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
3	19F000009	1	Bushing	chemise	Buchse	bucha	buje
4	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
5	85G000816	2	Bolt	boulon	Bolzen	parafuso	bulón
6	1900460	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
7	1-----	-	Light	lampe	Licht	lâmpada	lâmpara
8	1906032	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
9	1905778	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
10	658487	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
11	17C000816	1	Bolt	boulon	Bolzen	parafuso	bulón
12	25E000021	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	17D000006	1	Nut	écrou	Mutter	porca	tuerca
14	1917034	1	Cable	câble	Kabel	cabo	cable
15	1917035	1	Cable	câble	Kabel	cabo	cable
16	1917008	1	Cable	câble	Kabel	cabo	cable
17	1911508	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
18	1911511	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
19	1909992	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
20	1911507	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
21	754019	1	Switch	interrupteur	Schalter	interruptor	interruptor
22	†1901749	1	Face plate	plaque desurface	frontplatte	chapa da sup	placa de frente
23	5K0000108	1	Nipple	raccord	Nippel	niple	niple
24	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
25	38F000003	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
26	25F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	†39F000003	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
28	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
29	1917036	1	Ground strap	ligne de masse	Massesriefen	guarn de terra	flete de tierra
30	17C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
31	24E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
32	18C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
33	2†551530	1	Switch	interrupteur	Schalter	interruptor	interruptor
34	2†1530361	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
35	2†1537934	1	Bracket	support	Winkel	grampo	grampa
36	2†18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
37	2†59D000001	2	Nut	écrou	Mutter	porca	tuerca

† Ref F2 90500

2 □ 514F-2610-CAC → Ref RSG 166

RANGER

10



CLARK

2

664 BC

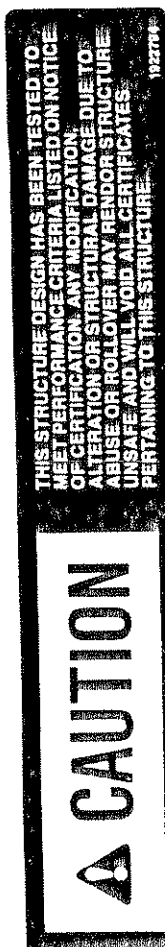
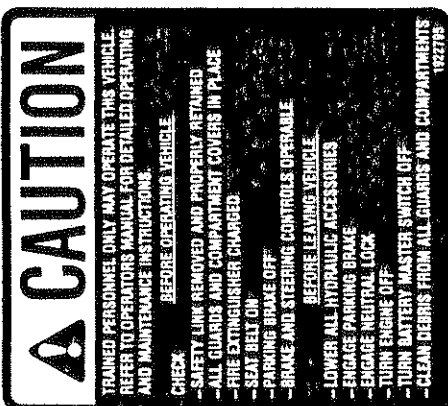
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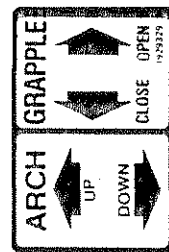
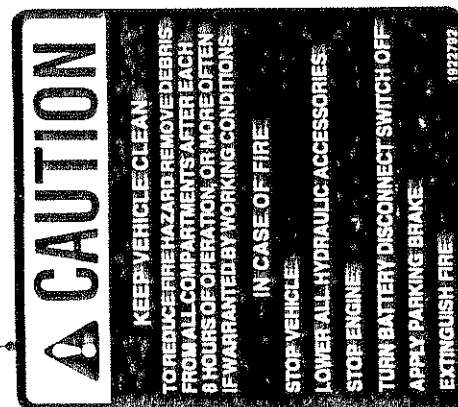
4

7

6



9



13

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	1921455	3	Decal Clark	décal Clark	Abzbld Clark	decal Clark	calc Clark
3	21921453	2	Decal 664	décal 664	Abzbld 664	decal 664	calc 664
4	21921457	2	Decal B	décal B	Abzbld B	decal B	calc B
5	21921458	2	Decal C	décal C	Abzbld C	decal C	calc C
6	1929329	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
7	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	1924109	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	1924110	1	Decal Emgy Stop	décal arrêt urgence	Abzbid Notausschalt	decal parada emerge	calco parada emerge
10	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1922838	1	Decal Emgy Brk	décal frn de secours	Abzbid Notbremse	decal freio emerg	calcom freno emerg
12	1924117	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1922792	1	Decal Caution	décalco attention	Abziehbild Vorsicht	decalco atenção	calcomania atención
14	1922795	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	2531644	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1924106	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
17	1922797	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1513887	1	Tag Warning	étiquette davertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
19	1938453	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1511709	4	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
21	1927527	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1922863	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
23	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1916708	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1929732	1	Decal Lube Inst	notice instr graissage	Abzbid Schmieranw	inst lube decal	calco inst del aceite
26	1924108	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
27	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
28	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
29	1512006	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
30	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1932775	1	Label	étiquette	Beschriftung	etiqueta	etiqueta
33	1923939	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

1 □664 GR

2 Quantity of 4 Decals required for grapple machines.

2 4 décalcomanies sont requises pur les machines à grappins

2 Vier Klebeschilder werden benötigt für die Greifer

2 Quantidade de 4 decalcomanias requeridas para máquinas de garra

2 Cantidad de 4 calcomanias requerida para máquinas de agarre.

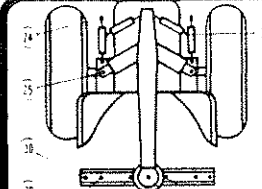
3 Used on machines equipped with midmount brake.

3 S'utilise sur les machines avec un frein à montage central.

3 Für Maschinen mit Mittelstützenbremse.

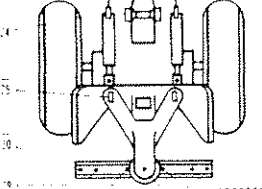
3 Se usa en las máquinas con freno de montaje intermedio.

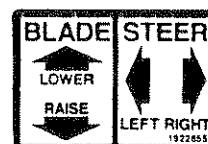
3 Usado em máquina de freio com montante do meio.



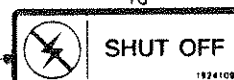
Grapple Lubrication

ITEM	10 HOUR OR DAILY SERVICE	664	666	667	KEY
24	ARCH CYLINDER PIN 4	X	X	X	EPMD
25	ARCH HINGE PIN 2 (4)	X	X	X	EPMD
26	ROTATING HEAD BEARING 1	X	X	X	EPMD
27	SUSPENSION PIN YOKE 2	X	X	X	EPMD
28	SUSPENSION PIN GRAPPLE 2	X	X	X	EPMD
29	GRAPPLE CYLINDER PIN 2	X	X	X	EPMD
30	GRAPPLE HINGE PIN 4	X	X	X	EPMD
31	BOOM CYLINDER PIN 4	X	X	X	EPMD





16



17



18



20



21



24

22

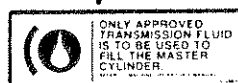


27

28



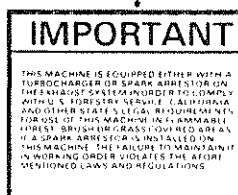
23



19



30

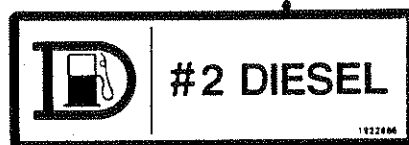


25

26



31



29

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	1921455	3	Decal Clark	décal Clark	Abzbld Clark	decal Clark	calc Clark
3	1921453	2	Decal 664	décal 664	Abzbld 664	decal 664	calc 664
4	1921457	2	Decal B	décal B	Abzbld B	decal B	calc B
5	1921458	2	Decal C	décal C	Abzbld C	decal C	calc C
6	1929329	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
7	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	1924109	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	1924110	1	Decal Emgy Stop	décal arrêt urgence	Abzbld Notausschalt	decal parada emerge	calco parada emerge
10	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1922838	1	Decal Emgy Brk	décal frn de secours	Abzbld Notbremse	decal freio emerg	calcom freno emerg
12	1924117	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1922792	1	Decal Caution	décalco attention	Abziehbild Vorsicht	decalco atenção	calcomania atención
14	1922795	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	2531644	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1924106	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
17	1922797	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1513887	1	Tag Warning	étiquette davertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
19	1938453	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1511709	4	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
21	1927527	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1922863	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
23	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1916708	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1929732	1	Decal Lube Inst	notice instr graissage	Abzbld Schmieranw	inst lube decal	calco inst del aceite
26	1924108	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
27	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
28	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
29	1512006	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
30	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1932775	1	Label	etiquette	Beschriftung	etiqueta	etiqueta
33	1923939	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

1 □ 664 GR

2 Quantity of 4 Decals required for grapple machines.

2 4 décalcomanies sont requises pur les machines à grappins

2 Vier Klebeschilder werden benötigt für die Greifer

2 Quantidade de 4 decalcomanias requeridas para máquinas de garra

2 Cantidad de 4 calcomanias requeridad para máquinas de agarre.

3 Used on machines equipped with midmount brake.

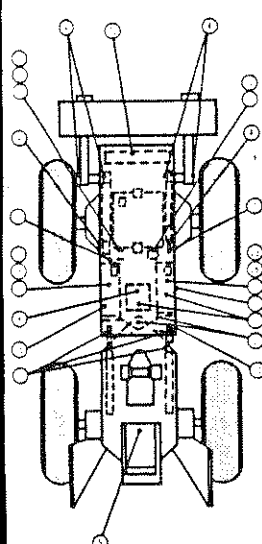
3 S'utilise sur les machines avec un frein à montage central.

3 Für Maschinen mit Mittelstützenbremse.

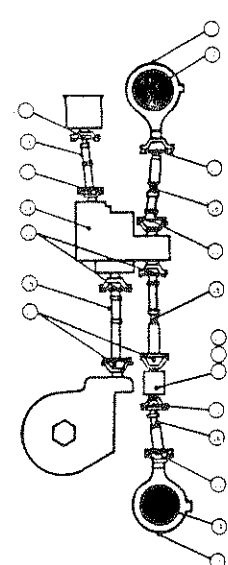
3 Se usa en las máquinas con freno de montaje intermedio.

3 Usado em máquina de freio com montante do meio.

Chassis
CLARK
Lubrication Instructions
RANGER
Drive Line



ITEM	10 HOUR OR DAILY SERVICE	50 HOUR OR WEEKLY SERVICE	100 HOUR OR 2 WEEKS SERVICE	250 HOUR OR MONTHLY SERVICE	500 HOUR OR 2 MONTH SERVICE	1000 HOUR OR 4 MONTH SERVICE
1. BALL & ROLLER BEARS						
2. STEERING KNUCKLE PINS						
3. MAIN SHAFT & COUNTER SHAFT PINS						
4. FUEL TANK						
5. COIL SPRING						
6. COIL SPRING						
7. COIL SPRING						
8. TORQUE CONVERTER & TRANSMISSION						
9. MID SHAFT BEARING						
10. MASTER CYLINDER & SLAVE CYLINDER						
11. MASTER CYLINDER & SLAVE CYLINDER						
12. DIFFERENTIAL						
13. REAR AXLE						
14. FRONT AXLE						
15. FRONT WHEEL						



Lubricant Key

ITEM	Engine Oil	Hydraulic Oil	Grease	Brake Fluid	Transmission Oil
1. SAE 10W-30					
2. SAE 10W-30					
3. SAE 10W-30					
4. SAE 10W-30					
5. SAE 10W-30					
6. SAE 10W-30					
7. SAE 10W-30					
8. SAE 10W-30					
9. SAE 10W-30					
10. SAE 10W-30					
11. SAE 10W-30					
12. SAE 10W-30					
13. SAE 10W-30					
14. SAE 10W-30					
15. SAE 10W-30					
16. SAE 10W-30					
17. SAE 10W-30					
18. SAE 10W-30					
19. SAE 10W-30					
20. SAE 10W-30					
21. SAE 10W-30					
22. SAE 10W-30					
23. SAE 10W-30					
24. SAE 10W-30					
25. SAE 10W-30					



32
11

COVERED BY ONE OR MORE
OF THE FOLLOWING PATENTS

UNITED STATES

2945544	2954040	3126752	3142195
3344679	0209135	3363714	3367356
3465609	3473566	0217503	3724585
3741343	3848620	3866705	3867150
3859216	3893345	3896705	3924667
3946882	3949826	3960371	3990668
4024922	4030716		

CANADA
PATENTED 1960 1968 RD 1966 1968
1971 1973 1974



35

12

WARNING

CONNECT POSITIVE TO POSITIVE —
NEGATIVE TO NEGATIVE. USE SYSTEM
VOLTAGE WHEN JUMP STARTING.
CONNECT POSITIVE FIRST THEN
NEGATIVE TO FRAME AWAY FROM THE
BATTERY COMPARTMENT FAILURE TO
FOLLOW THIS PROCEDURE COULD
RESULT IN BATTERY EXPLOSION

14

CAUTION

THIS MACHINE EQUIPPED WITH
AUXILIARY STEERING. IF ENGINE
OR MAIN STEER PUMP FAILS,
TURN AUXILIARY STEERING SWITCH ON.
IF ENGINE FAILS TO IMMEDIATE STOP
AND TURN OFF ENGINE TO PREVENT
FIRE. IF ENGINE FAILS TO STOP
IMMEDIATELY, TURN OFF ENGINE
TO PREVENT FIRE. IF ENGINE
FAILS TO STOP IMMEDIATELY,
TURN OFF ENGINE TO PREVENT
FIRE. IF ENGINE FAILS TO STOP
IMMEDIATELY, TURN OFF ENGINE
TO PREVENT FIRE. IF ENGINE
FAILS TO STOP IMMEDIATELY,
TURN OFF ENGINE TO PREVENT
FIRE.

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	1921455	3	Decal Clark	décal Clark	Abzbld Clark	decal Clark	calc Clark
3	1921453	2	Decal 664	décal 664	Abzbld 664	decal 664	calc 664
4	1921457	2	Decal B	décal B	Abzbld B	decal B	calc B
5	1921458	2	Decal C	décal C	Abzbld C	decal C	calc C
6	1929329	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
7	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
8	1924109	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	1924110	1	Decal Emgy Stop	décal arrêt urgence	Abzbld Notausschalt	decal parada emerge	calco parada emerge
10	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1922838	1	Decal Emgy Brk	décal frn de secours	Abzbld Notbremse	decal freio emerg	calcom freno emerg
12	1924117	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1922792	1	Decal Caution	décalco attention	Abziehbild Vorsicht	decalco atenção	calcomania atención
14	1922795	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	2531644	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
16	1924106	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
17	1922797	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1513887	1	Tag Warning	étiquette davertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
19	1938453	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1511709	4	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
21	1927527	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1922863	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
23	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1916708	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1929732	1	Decal Lube Inst	notice instr graissage	Abzbld Schmieranw	inst lube decal	calco inst del aceite
26	1924108	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
27	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
28	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
29	1512006	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
30	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1932775	1	Label	etiquette	Beschriftung	etiqueta	etiqueta
33	1923939	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

1 664 GR

2 Quantity of 4 Decals required for grapple machines.

2 4 décalcomanies sont requises pur les machines à grappins

2 Vier Klebeschilder werden benötigt für die Greifer

2 Quantidade de 4 decalcomanias requeridas para máquinas de garra

2 Cantidad de 4 calcomanias requerida para máquinas de agarre.

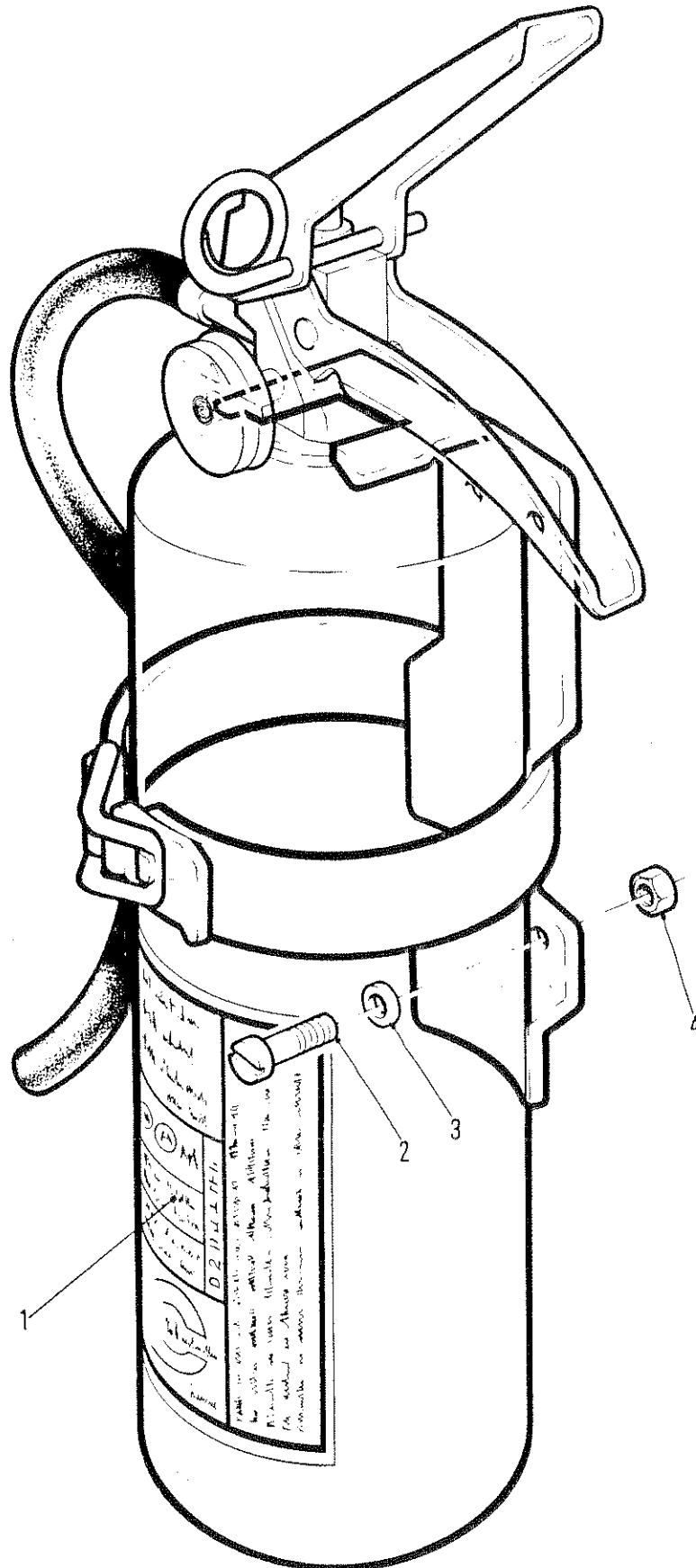
3 Used on machines equipped with midmount brake.

3 S'utilise sur les machines avec un frein à montage central.

3 Für Maschinen mit Mittelstützenbremse.

3 Se usa en las máquinas con freno de montaje intermedio.

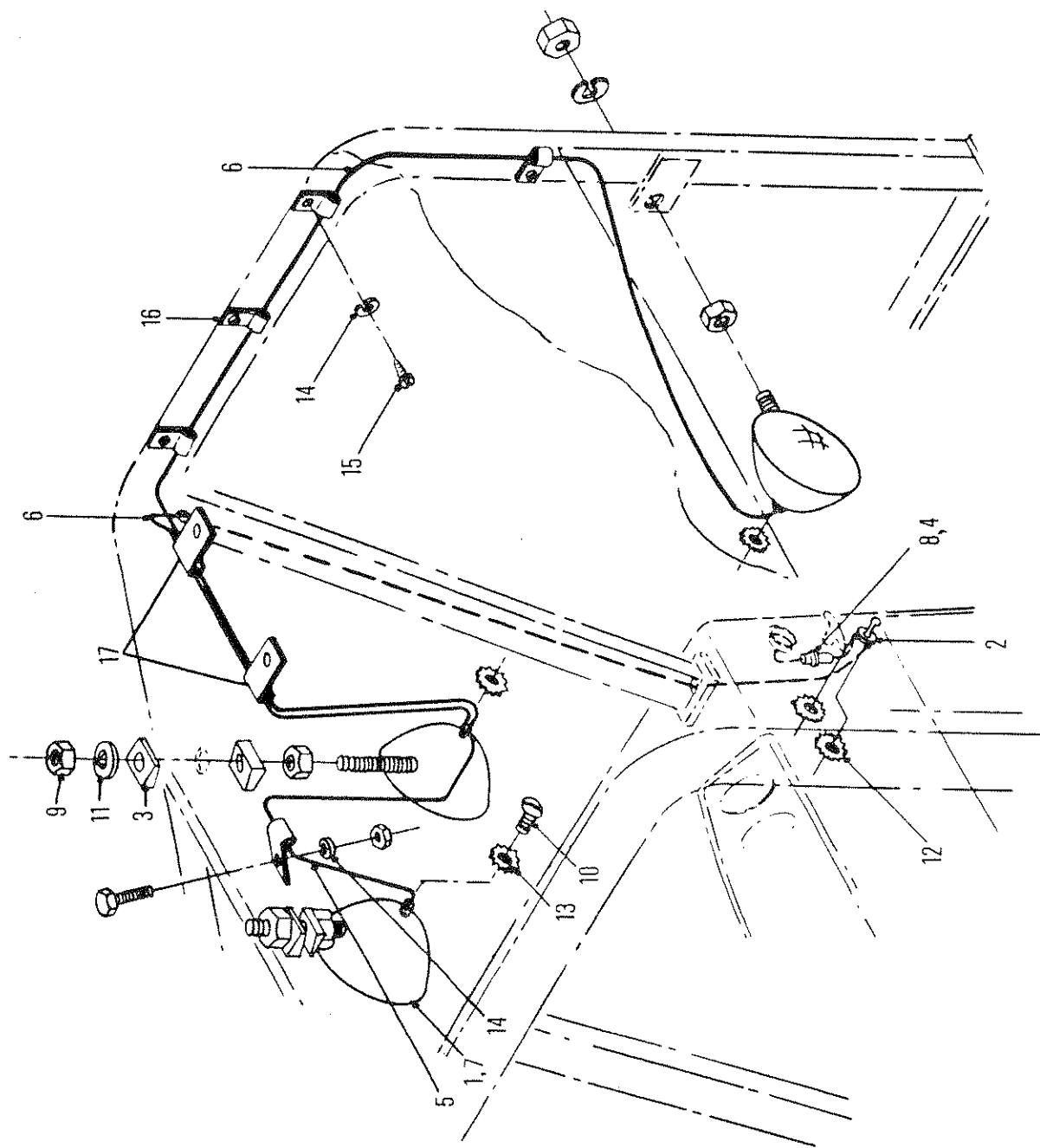
3 Usado em máquina de freio com montante do meio.



6607TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1908806	1	Fire extinguisher	extinct à incendie	Feuerlöscher	extintor incêndio	extintor de fuego
2	85G001010	-	Bolt	boufon	Bolzen	parafuso	bulón
3	-----	-	Washer	rondelle	Scheibe	arruela	arandela
4	50D000010	-	Nut	écrou	Mutter	porca	tuerca



LIGHTS
PHARES
SCHEINWERFER-LEUCHTEN
LUZES
LUCES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	2547529	3	Light assembly	assemblage élect	Lichteinheit	conj luzes	conj de luces
2	1501478	1	Switch	interrupteur	Schalter	interruptor	interruptor
3	553896	4	Washer	rondelle	Scheibe	arruela	arandela
4	611074	1	Fuse	fusible	Sicherung	fusível	fusible
5	695317	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
6	799565	2	Wire assy	fil ens	Draht Ens	fio conj	cable conj
7	944907	3	Sealed beam	barra jointe	Trägerdichtung	farol de milha	viga sellada
8	1902169	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
9	1D0000008	6	Nut	écrou	Mutter	porca	tuerca
10	3G0000806	1	Screw	vis	Schraube	parafuso	tornillo
11	4E0000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	12E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
14	17E000010	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
15	18G001008	4	Screw	vis	Schraube	parafuso	tornillo
16	30H000013	4	Clip	attache	Schelle	braçadeira	abrazadera
17	31H000009	2	Clip	attache	Schelle	braçadeira	abrazadera

¹ Inc 4

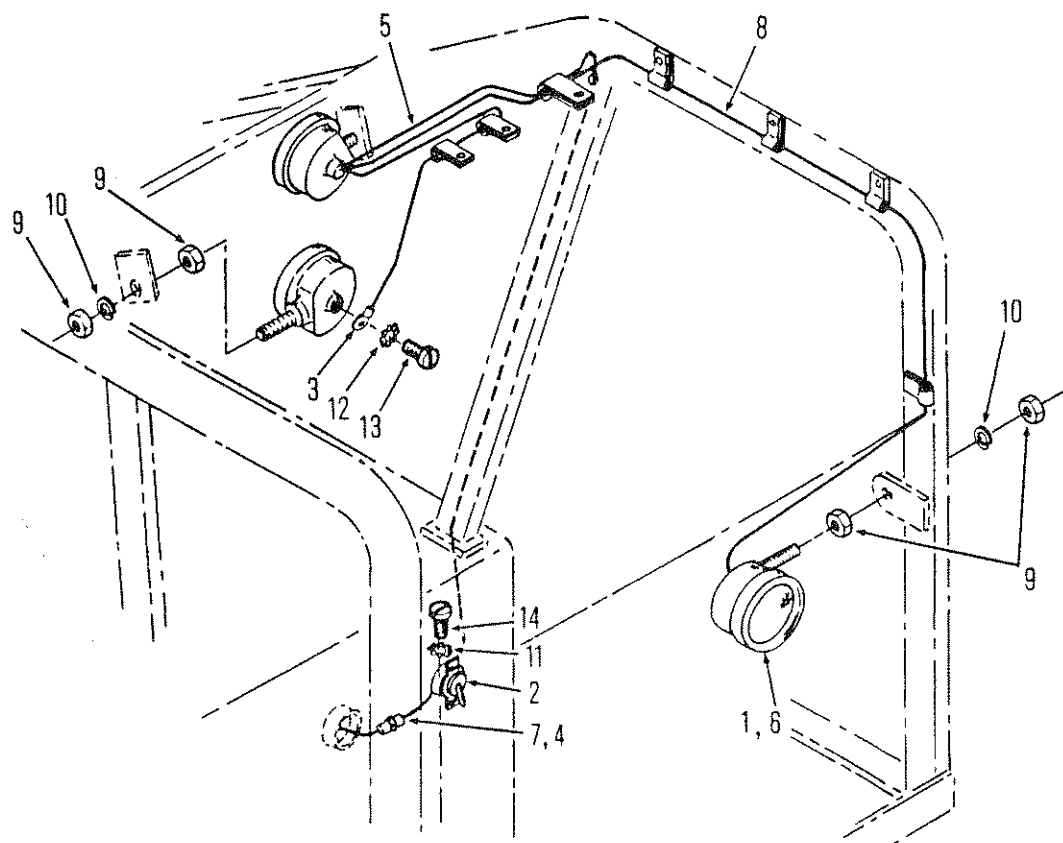
² When ordering include 10 for front R.H. installation

² Lors de l'acommande inclure 10 pour l'installation de lavant droit

² Bei Bestellung, 10 für den Einbau der vorderen, rechten Seite, hinzufügen

² Ao encomendar incluir 10 para a instalação dianteira direita

² Al ordenar, incluir 10 para la instalación delantera derecha



5850TP

LIGHTS
PHARES
SCHEINWERFER-LEUCHTEN
LUZES
LUCES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1547529	3	Light assy	assemblage élect	Lichteinheit	conj luzes	conj de luces
2	21501478	1	Switch	interrupteur	Schalter	interruptor	interruptor
3	583454	1	Wire	fil	Draht	fio	cable
4	611074	1	Fuse	fusible	Sicherung	fusível	fusible
5	799565	1	Wire	fil	Draht	fio	cable
6	944907	3	Sealed unit	bloc optique herm	Abgedichtete Schnwrf	farol vedado	óptica sellada
7	1911571	1	Wire	fil	Draht	fio	cable
8	1913767	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
9	1D0000008	6	Nut	écrou	Mutter	porca	tuerca
10	4E0000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
11	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
12	12E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
13	85G000808	3	Screw	vis	Schraube	parafuso	tornillo
14	38-----	2	Screw	vis	Schraube	parafuso	tornillo

¹ Inc 13

² Inc 14

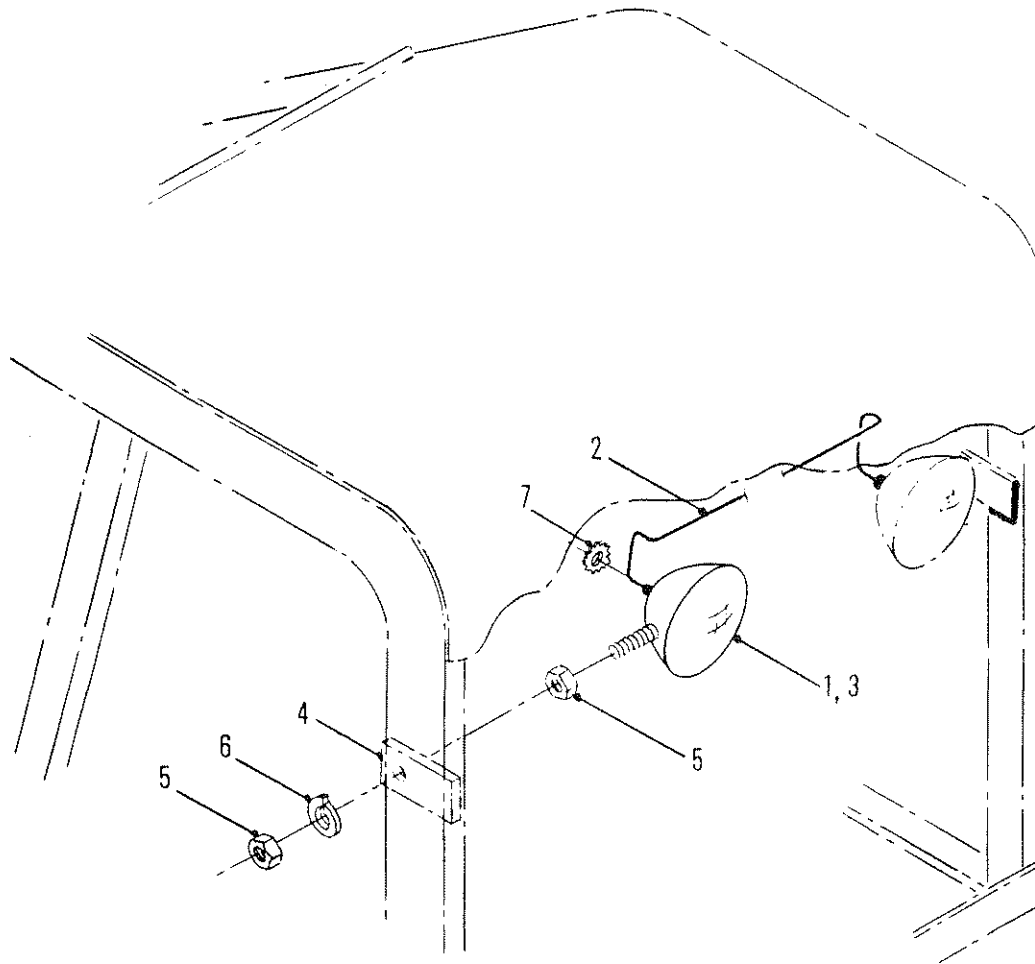
³ See 2

³ Voir 2

³ Siehe 2

³ Veja 2

³ Véase 2



5769TP

LIGHTS☒

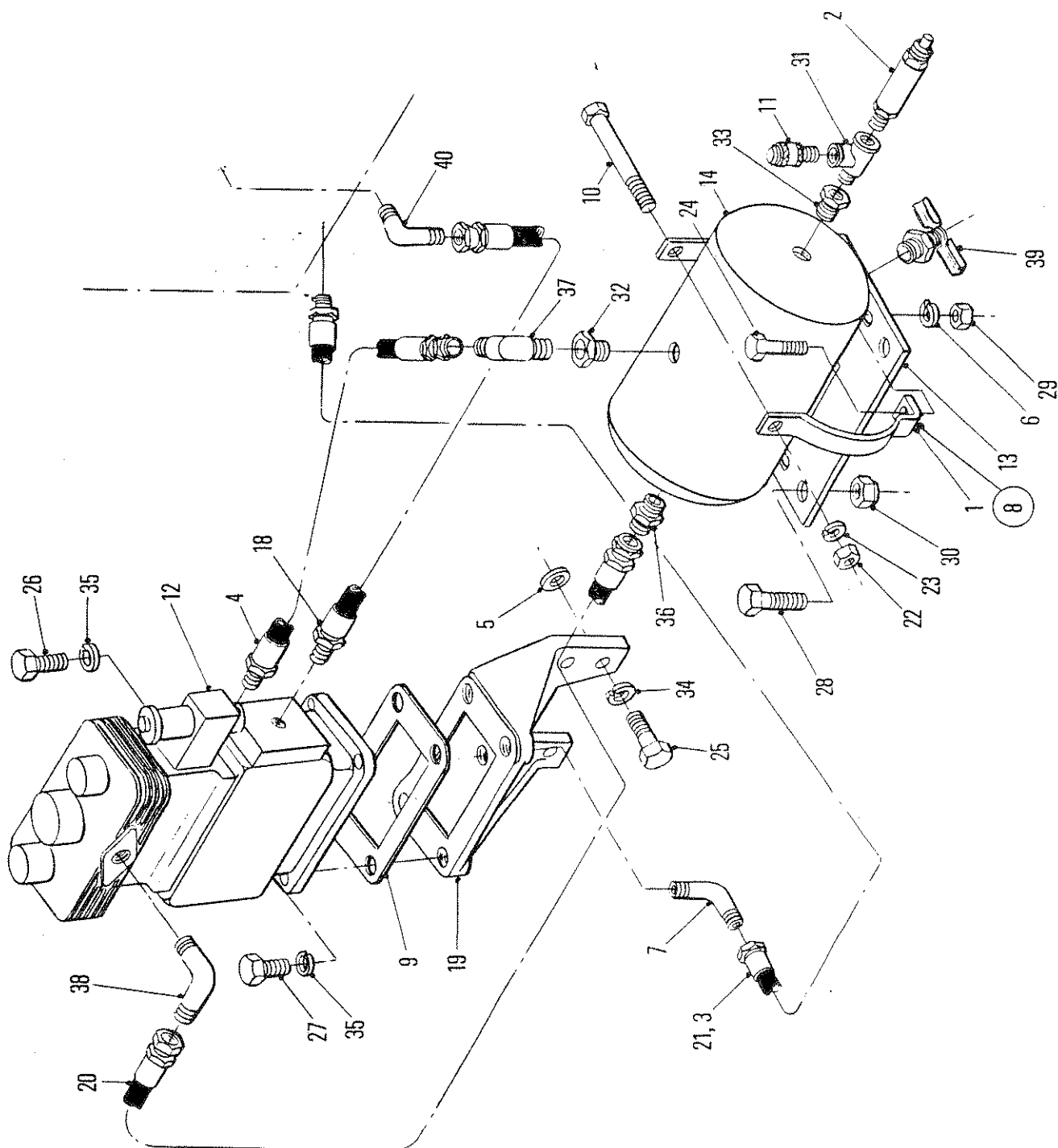
PHARES☒

SCHEINWERFER LEUCHTEN☒

LUZES☒

LUCES☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	547529	1	Light assy	assemblage élect	Lichteinheit	conj luzes	conj de luces
2	583454	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
3	944907	1	Sealed beam	barra jointe	Trägerdichtung	farol de milha	viga sellada
4	1900638	1	Bracket	support	Winkel	grampo	grampa
5	1D0000008	2	Nut	écrou	Mutter	porca	tuerca
6	4E0000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	12E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad



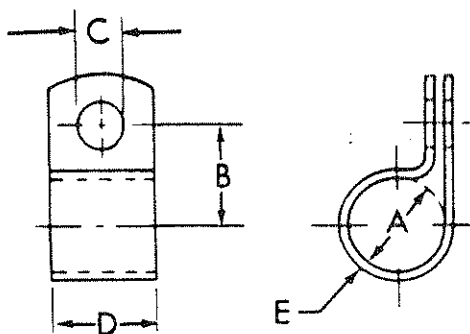
AIR COMPRESSOR ☒
COMPRESSEUR D'AIR ☒
LUFTKOMPRESSOR ☒
COMPRESSOR DE AR ☒
COMPRESOR DE AIRE ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	505384	4	Band	bande	Band	banda	banda
2	507815	1	Safety valve	soupape de sreté	Sicherheitsventil	válvula de segurança	válvula de seguridad
3	521429	1	Fitting	ajustage	Verbindung	ajuste	accesorio
4	539048	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	619021	-	Washer	rondelle	Scheibe	arruela	arandela
6	664423	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	940636	1	Elbow	coude	Winkelrohr	cotovêlo	codo
8	1941214	2	Band assy	bande ens	Band vollst	banda conj	banda conj
9	952001	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
10	958653	2	Bolt	boulon	Bolzen	parafuso	bulón
11	1902094	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
12	1902567	1	Compressor	compresseur	Kompressor	compressor	compresor
13	1902570	1	Bracket	support	Winkel	grampo	grampa
14	1902571	1	Reservoir	réservoir	Behälter	reservatório	depósito
15	2+1902572	1	Belt set	assort de courroie	Riemensatz	cinto de segurança	conj cint
16	3+1902573	1	Belt set	assort de courroie	Riemensatz	cinto de segurança	conj cint
17	1902574	1	Pulley	poulie	Riemenscheibe	polia	polea
18	1902593	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1902594	1	Bracket	support	Winkel	grampo	grampa
20	1902869	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1904929	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1D000006	2	Nut	écrou	Mutter	porca	tuerca
23	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000624	5	Bolt	boulon	Bolzen	parafuso	bulón
26	17C000720	1	Bolt	boulon	Bolzen	parafuso	bulón
27	17C000724	3	Bolt	boulon	Bolzen	parafuso	bulón
28	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
29	17D000003	4	Nut	écrou	Mutter	porca	tuerca
30	17D000006	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
31	17F000002	1	Tee	raccord T	T-Verbindungsstück	te	te
32	19F000002	1	Bushing	chemise	Buchse	bucha	buje
33	19F000003	1	Bushing	chemise	Buchse	bucha	buje
34	24E000006	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	24E000007	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	38F000009	1	Connector	raccord	Verbindungsstück	ligador	conector
37	42F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
38	42F000009	1	Elbow	coude	Winkelrohr	cotovêlo	codo
39	72F000002	1	Drain cock	robinet vidange	Abflusshahn	torneira purga	grifo purga
40	83F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo

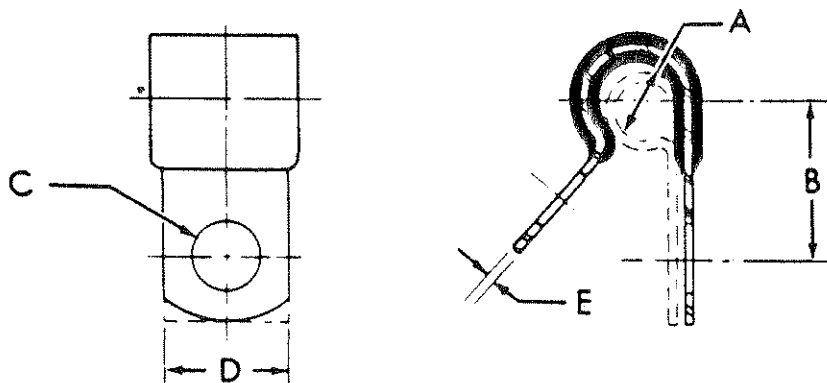
¹ Inc 1,10,22&23

² 664

³ 666



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

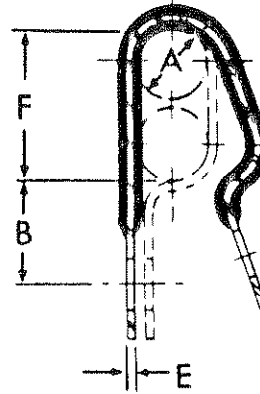
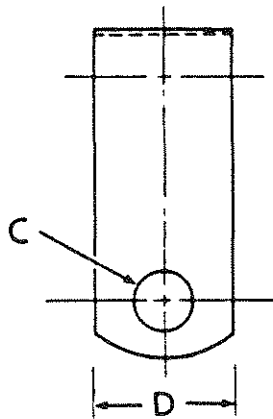


No.	Part No.	A	B	C	D	E
11	30H-11	3/16	4.76	9/16	14.29	11/32
12	30H-12	3/16	4.76	5/8	15.87	13/32
13	30H-13	1/4	6.35	1/2	12.70	7/32
14	30H-14	1/4	6.35	17/32	13.49	9/32
15	30H-16	1/4	6.35	21/32	16.67	13/32
16	30H-20	5/16	7.94	11/16	17.46	13/32
17	30H-23	3/8	9.52	23/32	18.25	13/32
18	30H-62	3/8	9.52	27/32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

5779TP (1 OF 2)

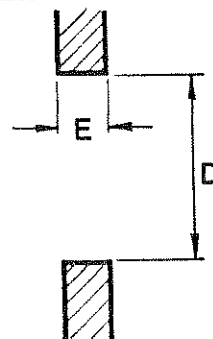
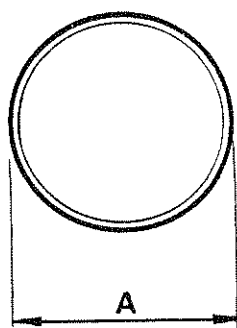
RANGER

DATA-F2-95000-0178



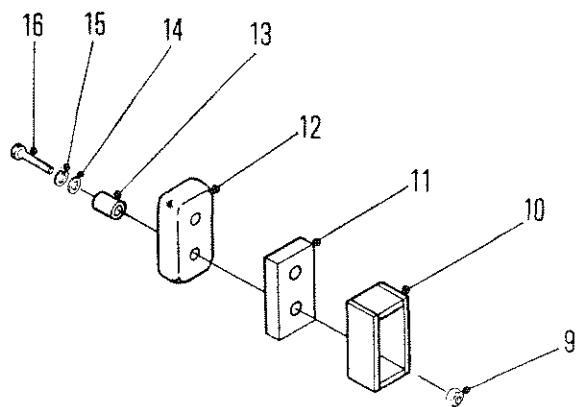
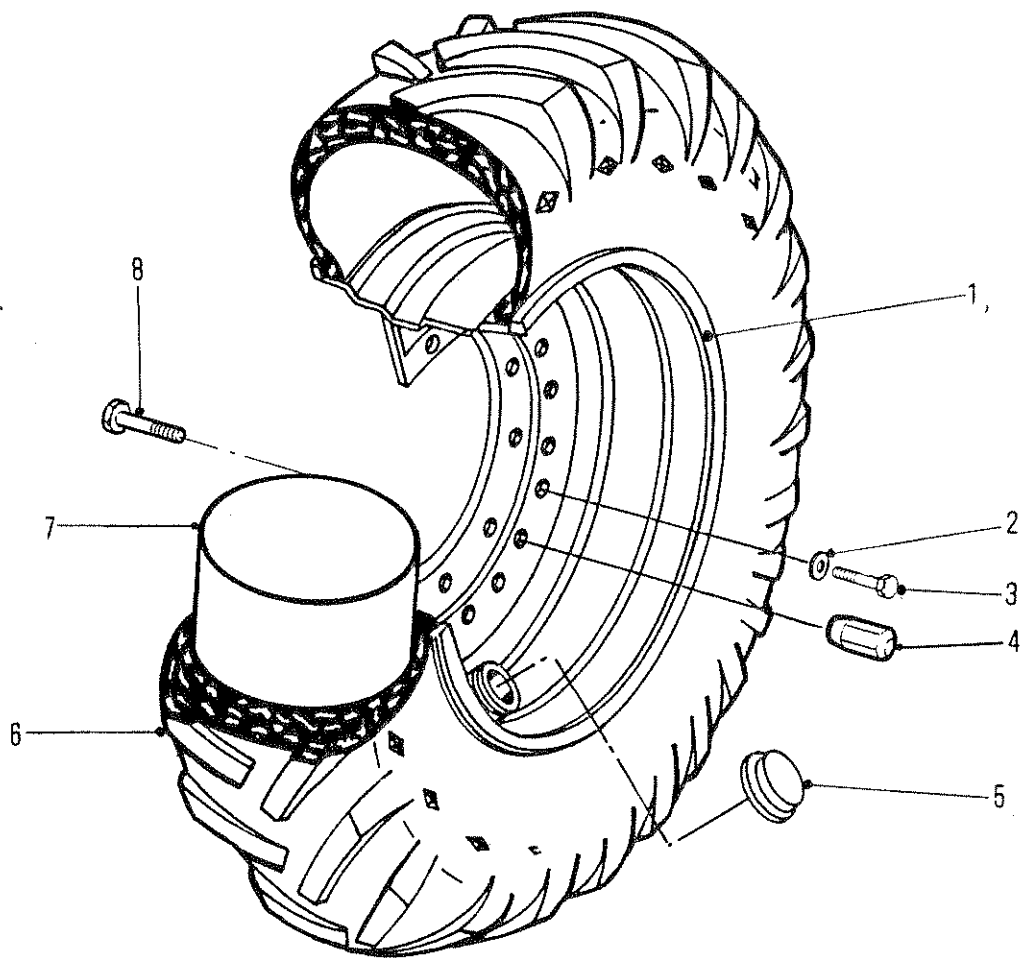
No.	Part No.		A	B		C		D		E		F	
30	31H-09	1/4	6.35	3/8	9.52	7/32	5.55	7/16	11.11	.050	1.27	1/2	12.70
31	31H-19	3/8	9.52	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	3/4	19.05
32	31H-20	3/8	9.52	19/32	15.08	15/32	11.90	7/8	22.22	.050	1.27	3/4	19.05
33	31H-31	9/16	14.29	17/32	13.49	13/32	10.32	3/4	19.05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

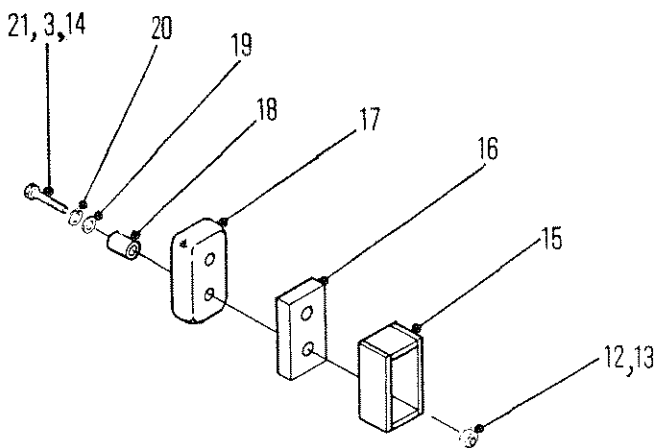
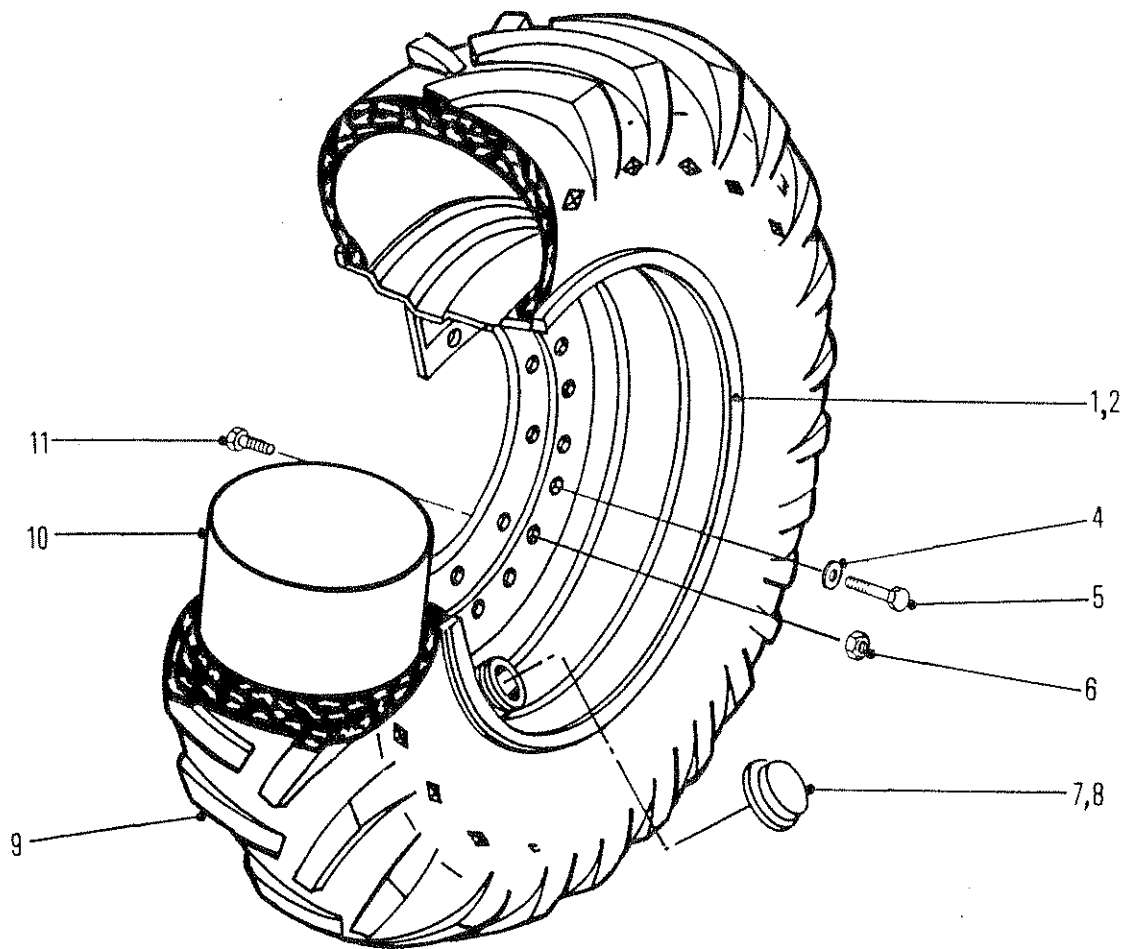
5993TP



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	1914666	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
4	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda
5	1909047	4	Cap	chapeau	Kappe	tampa	tapa
6	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
7	-----	-	Tube	tube	Rohr	tubo	tubo
8	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
9	18D000006	4	Nut	écrou	Mutter	porca	tuerca
10	1901775	2	Stop	butoir	Anschlag	batente	tope
11	-----	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	1907930	2	Stop	butoir	Anschlag	batente	tope
13	1907935	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
15	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
17	21928604	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
18	21914255	4	Cap	chapeau	Kappe	tampa	tapa



5988TP

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	¹ 1914717	4	Rim	jante	Felgen	aros	llanta
2	¹ 1911977	4	Rim	jante	Felgen	aros	llanta
3	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
4	² 23E000016	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	² 17C001624	12	Bolt	boulon	Bolzen	parafuso	bulón
6	² 103522	40	Nut	écrou	Mutter	porca	tuerca
7	¹ 1914255	4	Cap	chapeau	Kappe	tampa	tapa
8	-----	-	Cap	chapeau	Kappe	tampa	tapa
9	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
10	-----	-	Tube	tube	Rohr	tubo	tubo
11	² 1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
12	¹ 18D000006	4	Nut	écrou	Mutter	porca	tuerca
13	-----	-	Nut	écrou	Mutter	porca	tuerca
14	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
15	¹ 1901775	2	Stop	butoir	Anschlag	batente	tope
16	¹ 1901771	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	¹ 1907930	2	Stop	butoir	Anschlag	batente	tope
18	¹ 1907935	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	¹ 25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
20	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	¹ 17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
22	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
23	-----	-	Bolt	boulon	Bolzen	parafuso	bulón

¹ □ 664Cable with 17800 series axle, 666Cble with 17800 FD & 19600 RD series axles & 664Gr

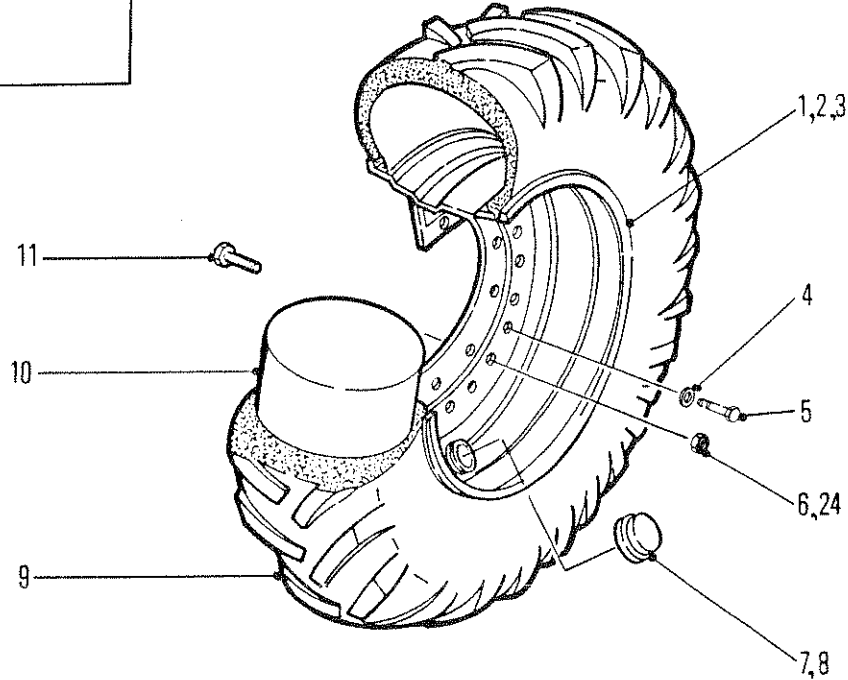
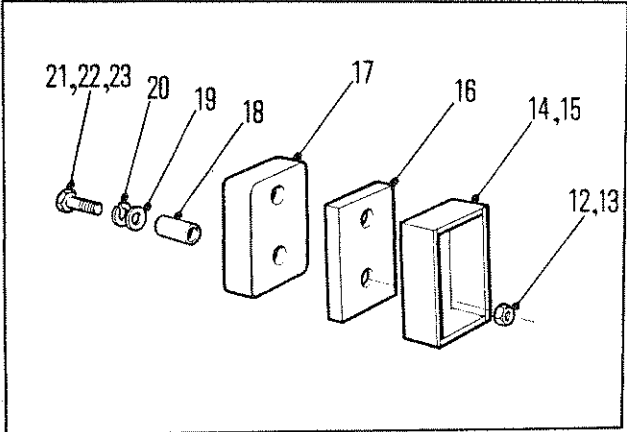
¹ □ 664Cable avec essieux 17800, 666Cble avec essieux 17800 FD & 19600 RD & 664Gr

¹ □ 664Cable mit Achsen 17800, 666Cble mit Achsen 17800 FD & 19600 RD, & 664Gr

¹ □ 664Cable com eixos 17800, 666Cble com eixos 17800 FD & 19600 RD & 664Gr

¹ □ 664Cable con ejes 17800, 666Cble con ejes 17800 FD & 19600 RD, & 664Gr

² □ 1914717



RIM ASSEMBLY - 23.1 X 26 TIRES
ASSEMBLAGE DE LA JANTE - 23.1 X 26 PNEUMATIQUE
FELGENEINHEIT - 23.1 X 26 REIFEN
CONJUNTO DE AROS - 23.1 X 26 PNEUMÁTICO
CONJUNTO ILANTA - 23.1 X 26 NEUMÁTICO

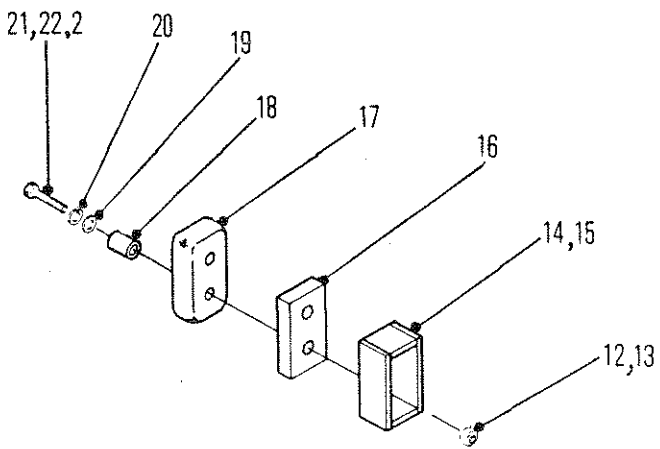
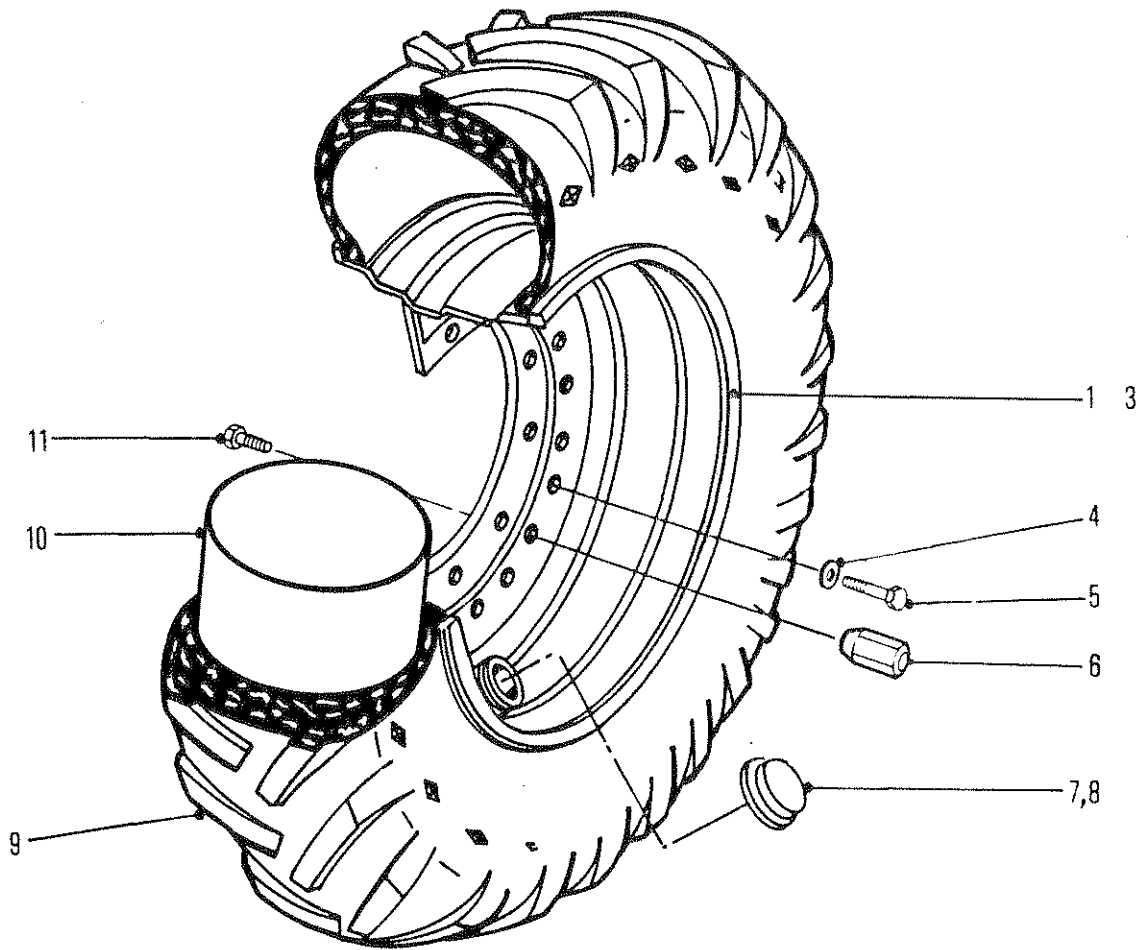
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	¹ 1914662	4	Rim	jante	Felgen	aros	llanta
2	⁴ 1916648	4	Rim	jante	Felgen	aros	llanta
3	-----	-	Rim	jante	Felgen	aros	llanta
4	² 23E000008	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	² 17C000816	12	Bolt	boulon	Bolzen	parafuso	bulón
6	² 103522	40	Nut	écrou	Mutter	porca	tuerca
7	³ 1914255	4	Cap	chapeau	Kappe	tampa	tapa
8	1909047	4	Cap	chapeau	Kappe	tampa	tapa
9	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
10	-----	-	Tube	tube	Rohr	tubo	tubo
11	² 1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
12	¹ 7D000003	4	Nut	écrou	Mutter	porca	tuerca
13	-----	-	Nut	écrou	Mutter	porca	tuerca
14	-----	-	Stop	butoir	Anschlag	batente	tope
15	-----	-	Stop	butoir	Anschlag	batente	tope
16	-----	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	1907930	2	Stop	butoir	Anschlag	batente	tope
18	1907935	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
20	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
22	³ 17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
23	-----	-	Bolt	boulon	Bolzen	parafuso	bulón

¹ □ 667Gr, 664 Cable & 666 Gr

² □ 1916648

³ □ 664Gr

⁴ □ 664Gr & 666 Cable

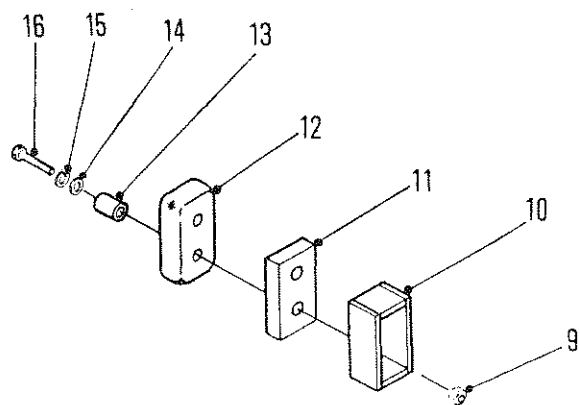
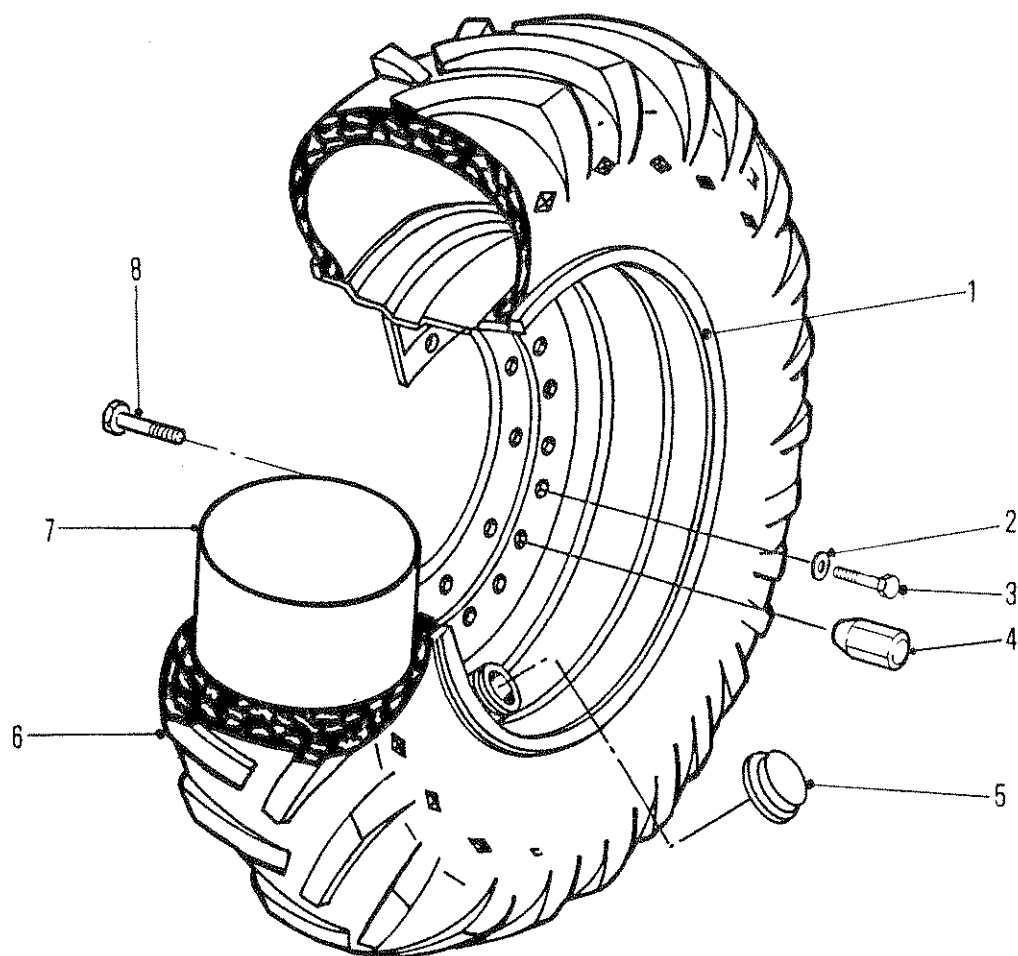


5988TP

RIM ASSEMBLY - 18.4 X 34 TIRES
ASSEMBLAGE DE LA JANTE - 18.4 X 34 PNEUMATIQUE
FELGENEINHEIT - 18.4 X 34 REIFEN
CONJUNTO DE AROS - 18.4 X 34 PNEUMÁTICO
CONJUNTO ILANTA - 18.4 X 34 NEUMÁTICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1900350	4	Rim	jante	Felgen	aros	llanta
2	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
3	-----	-	Rim	jante	Felgen	aros	llanta
4	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
6	1900649	40	Nut	écrou	Mutter	porca	tuerca
7	1914255	4	Cap	chapeau	Kappe	tampa	tapa
8	-----	-	Cap	chapeau	Kappe	tampa	tapa
9	-----	-	Tire	pneumatique	Reifen	pneumático	neumático
10	-----	-	Tube	tube	Rohr	tubo	tubo
11	-----	40	Bolt	boulon	Bolzen	parafuso	bulón
12	17D000003	4	Nut	écrou	Mutter	porca	tuerca
13	-----	-	Nut	écrou	Mutter	porca	tuerca
14	-----	-	Stop	butoir	Anschlag	batente	tope
15	-----	2	Stop	butoir	Anschlag	batente	tope
16	-----	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
17	1907930	2	Stop	butoir	Anschlag	batente	tope
18	1907935	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
19	25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
20	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
22	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón

□ 664Gr



5986TP

RIM ASSEMBLY - 18.4 X 26 TIRES
ASSEMBLAGE DE LA JANTE - 18.4 X 26 PNEUMATIQUE
FELGENEINHEIT - 18.4 X 26 REIFEN
CONJUNTO DE AROS - 18.4 X 26 PNEUMÁTICO
CONJUNTO ILANTA - 18.4 X 26 NEUMÁTICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1914660	4	Rim	jante	Felgen	aros	llanta
2	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
4	1900649	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	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
9	17D000003	4	Nut	écrou	Mutter	porca	tuerca
10	-----	2	Stop	butoir	Anschlag	batente	tope
11	-----	-	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	1907930	2	Stop	butoir	Anschlag	batente	tope
13	1907935	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
14	25E000018	4	Washer	rondelle	Scheibe	arruela	arandela
15	-----	-	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón

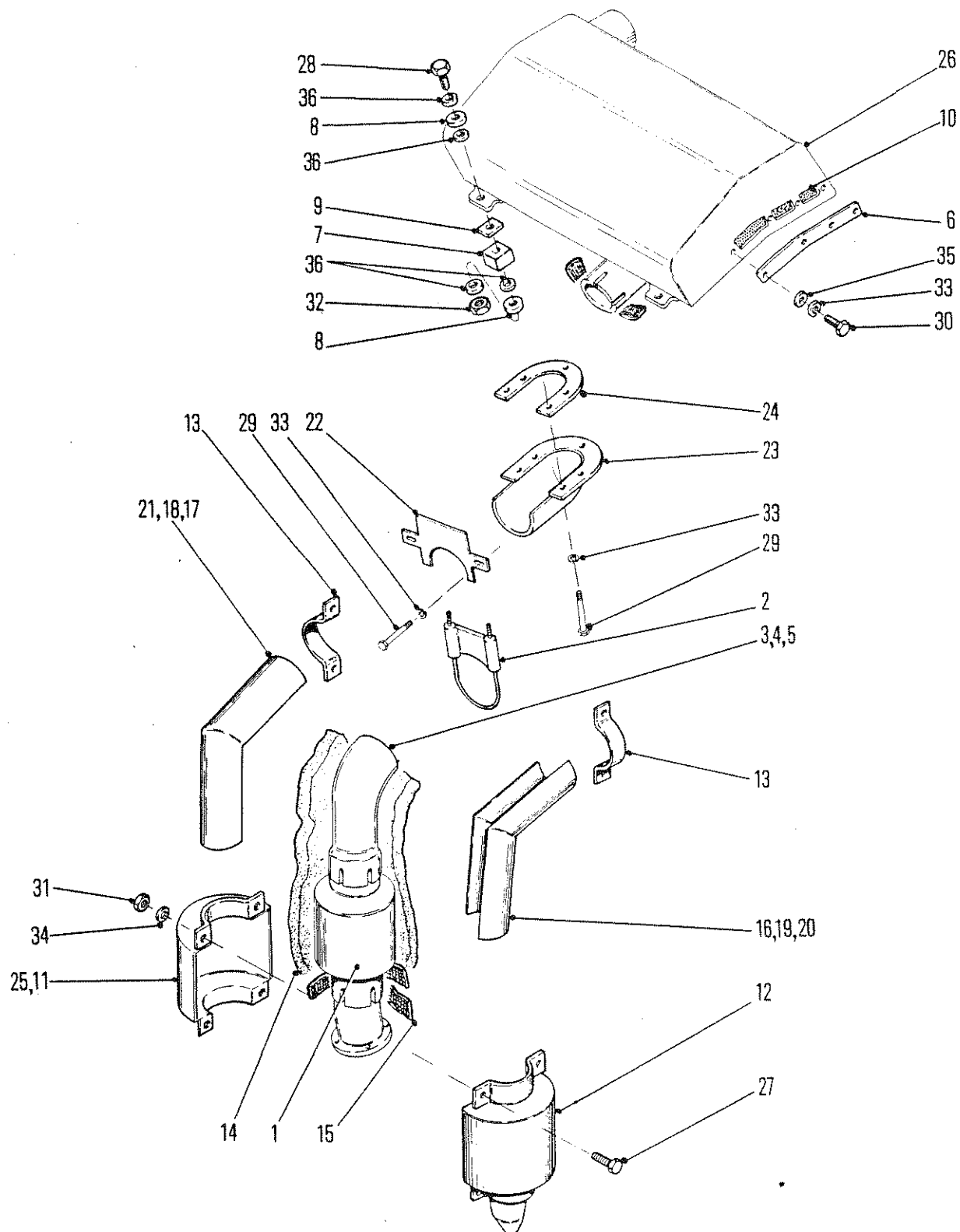
1 666 machines equipped with FD & RD 17800 series axle & 664 machines equipped with FD & RD 17600 series axle

1 Engins 666 équipés des séries 17800 FD & RD & engins 664 équipés des séries 17600 FD & RD

1 Maschinen 666 mit Achsen, Serien 17800 FD & RD & Maschinen 664 mit Achsen, Serien 17600 FD & RD

1 Maquinas 666 equipadas com eixos da série 17800 FD & RD & Maquinas 664 equipadas com eixos da série 17600 FD & RD

1 Aparatos 666 provistos de ejes serie 17800 FD & RD & Aparatos 666 provistos de ejes serie 17600 FD & RD



5781TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1902490	1	Spark arrestor	pare-étincelles	Funkenfnger	para-faixas	apagachispa
2	1902848	1	Clamp	pince	Schelle	braçadeira	abrazadera
3	² 1906455	1	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
4	³ 1906456	1	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
5	⁴ 1907996	1	Exhaust pipe	tuyau déchappement	Auspuffrohr	cano de descarga	cao de escape
6	1908730	1	End plate	plaque dextrémité	Endplatte	placa terminal	placa extrema
7	1908768	4	Grommet	oeillet	Augenring	ilhó	arandela pasacable
8	1908769	8	Grommet	oeillet	Augenring	ilhó	arandela pasacable
9	1908770	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
10	[±] 1908773	-	Insulation	isolation	Isolierung	isolamento	aislación
11	⁶ 1909256	1	Cover	couvercle	Deckel	tampa	tapa
12	1909257	1	Cover	couvercle	Deckel	tampa	tapa
13	1909260	2	Clamp	pince	Schelle	braçadeira	abrazadera
14	1909264	1	Insulation	isolation	Isolierung	isolamento	aislación
15	[±] 1909266	-	Tape	ruban	Band	fita	cinta
16	⁴ 1915022	1	Guard	protecteur	Schutz	proteção	protector
17	⁴ 1915023	1	Guard	protecteur	Schutz	proteção	protector
18	² 1915027	1	Guard	protecteur	Schutz	proteção	protector
19	² 1915028	1	Guard	protecteur	Schutz	proteção	protector
20	³ 1915029	1	Guard	protecteur	Schutz	proteção	protector
21	³ 1915030	1	Guard	protecteur	Schutz	proteção	protector
22	1915078	1	Cover	couvercle	Deckel	tampa	tapa
23	1915079	1	Cover	couvercle	Deckel	tampa	tapa
24	[±] 1915082	-	Shim	cale	Beilage	calço	planchita
25	⁵ 1915102	1	Cover	couvercle	Deckel	tampa	tapa
26	¹ 1991017	1	Muffler kit	jeu silencieux	Auspufftopfsatz	jogo silenciador	juego silenciador
27	17C000408	7	Bolt	boulon	Bolzen	parafuso	bulón
28	17C000614	4	Bolt	boulon	Bolzen	parafuso	bulón
29	17C000616	6	Bolt	boulon	Bolzen	parafuso	bulón
30	17C000848	4	Bolt	boulon	Bolzen	parafuso	bulón
31	17D000003	6	Nut	écrou	Mutter	porca	tuerca
32	17D000006	4	Nut	écrou	Mutter	porca	tuerca
33	24E000004	11	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	25E000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	25E000013	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
36	25E000021	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana

¹ Inc 6, 10, 30, 33 & 35

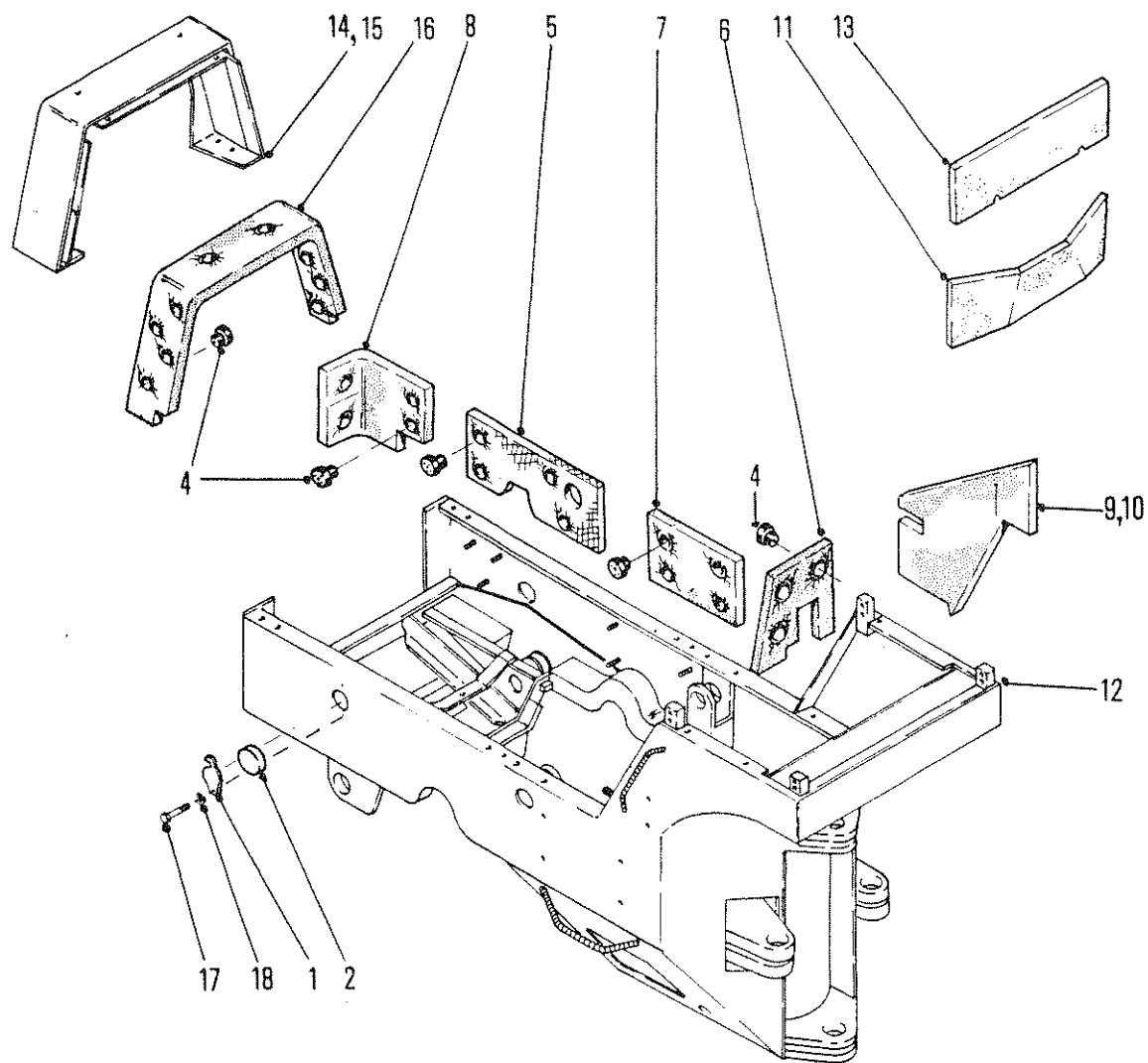
² 664GM

³ 666GM

⁴ 666CUM

⁵ CUM

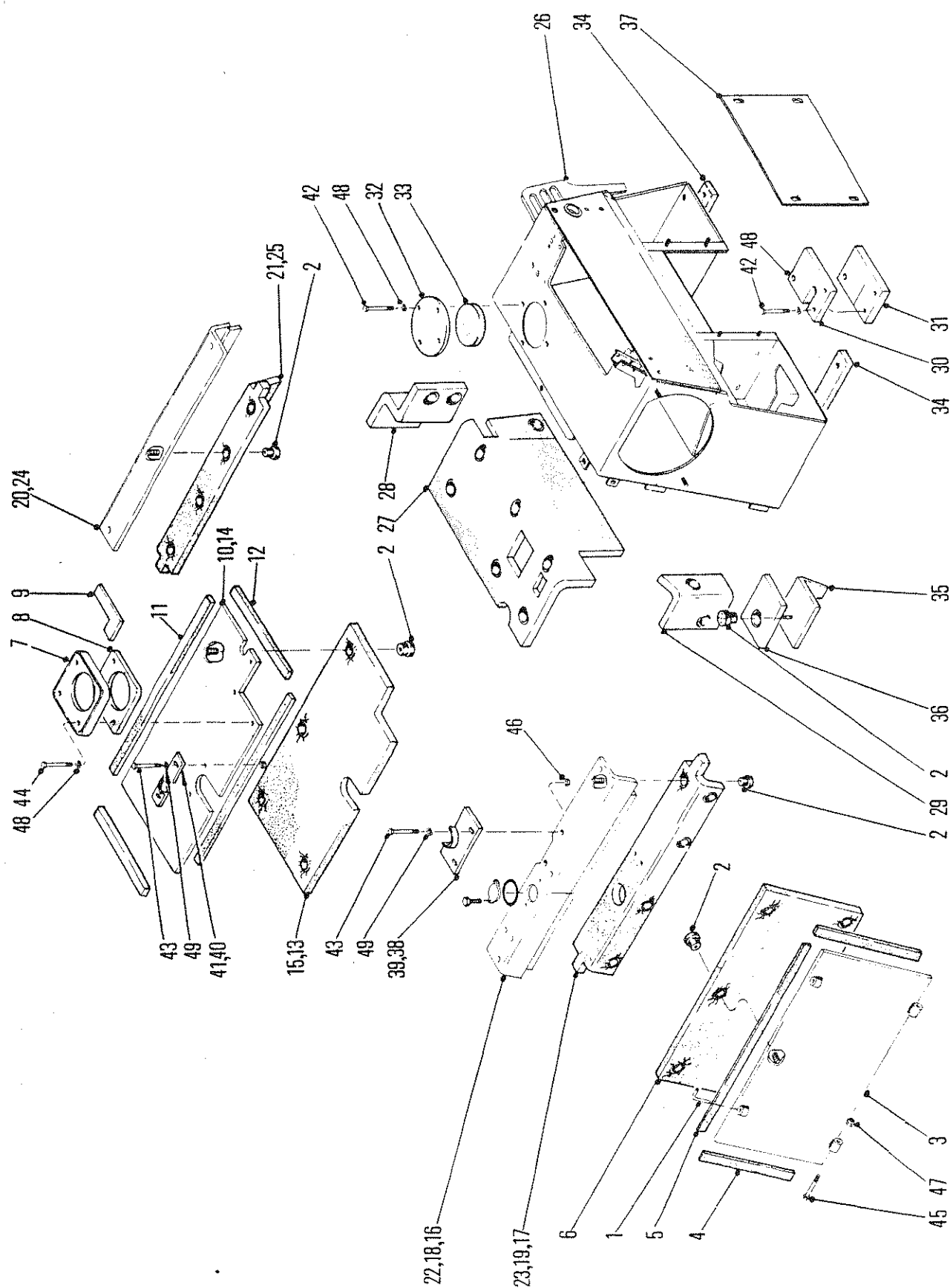
⁶ GM



5786TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909212	4	Cover	couvercle	Deckel	tampa	tapa
2	1909213	4	Insulation	isolation	Isolierung	isolamento	aislación
3	††1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
4	1914284	37	Fastener	attache	Verschlu-	prendedor	abrazadera
5	1914877	2	Insulation	isolation	Isolierung	isolamento	aislación
6	1914880	2	Insulation	isolation	Isolierung	isolamento	aislación
7	1914882	1	Insulation	isolation	Isolierung	isolamento	aislación
8	1914884	2	Insulation	isolation	Isolierung	isolamento	aislación
9	1914886	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
10	1914887	1	Insulation LH	isolation CG	Isolierung L	isolamento LE	aislación LI
11	1914888	1	Insulation	isolation	Isolierung	isolamento	aislación
12	○-----	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
13	1914891	1	Insulation	isolation	Isolierung	isolamento	aislación
14	1915005	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
15	1915006	1	Insulation	isolation	Isolierung	isolamento	aislación
16	1915009	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
17	17C000614	8	Bolt	boulon	Bolzen	parafuso	bulón
18	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	1914040	4	Pin	goupille	Stift	pino	pasador
2	1914284	55	Fastener	attache	Verschlu-	prendedor	abrazadera
3	1914984	2	Side panel	panneau latéral	Seitenblech	painel lateral	panel lateral
4	1914986	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	1914987	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	1914988	2	Insulation	isolation	Isolierung	isolamento	aislación
7	1914991	1	Cover	couvercle	Deckel	tampa	tapa
8	1914994	1	Insulation	isolation	Isolierung	isolamento	aislación
9	1914995	1	Flat	méplat	Fläche	bloco plano	planchuela
10	1915011	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
11	1915012	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	1915013	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
13	1915014	1	Insulation	isolation	Isolierung	isolamento	aislación
14	1915017	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
15	1915018	1	Insulation	isolation	Isolierung	isolamento	aislación
16	1915033	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
17	1915035	1	Insulation	isolation	Isolierung	isolamento	aislación
18	1915037	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
19	1915039	1	Insulation	isolation	Isolierung	isolamento	aislación
20	1915042	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
21	1915044	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
22	1915046	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
23	1915047	1	Insulation	isolation	Isolierung	isolamento	aislación
24	1915050	1	Side rail	rail du côté	Seitingeländer	trilho lateral	riel lateral
25	1915051	1	Insulation RH	isolation CD	Isolierung R	isolamento LD	aislación LD
26	1915054	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
27	1915055	1	Insulation	isolation	Isolierung	isolamento	aislación
28	1915057	1	Insulation	isolation	Isolierung	isolamento	aislación
29	1915059	1	Insulation	isolation	Isolierung	isolamento	aislación
30	1915061	1	Retainer	arrêtoir	Halterung	retentor	retén
31	1915062	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
32	1915064	1	Cover	couvercle	Deckel	tampa	tapa
33	1915065	1	Insulation	isolation	Isolierung	isolamento	aislación
34	1915066	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
35	1915070	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
36	1915072	1	Insulation	isolation	Isolierung	isolamento	aislación
37	1915076	1	Panel	panneau	Tafel	painel	panel
38	1915200	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
39	1915203	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
40	1915236	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
41	1915245	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
42	17C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
43	17C000416	2	Bolt	boulon	Bolzen	parafuso	bulón
44	17C000420	3	Bolt	boulon	Bolzen	parafuso	bulón
45	17C010104	4	Bolt	boulon	Bolzen	parafuso	bulón
46	17D000001	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
47	17D000009	4	Nut	écrou	Mutter	porca	tuerca
48	24E000004	9	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
49	25E000016	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
50	1923914	1	Insulation	isolation	Isolierung	isolamento	aislación
51	1914284	5	Fastener	attache	Verschlu-	prendedor	abrazadera

¹ CUM

² GM

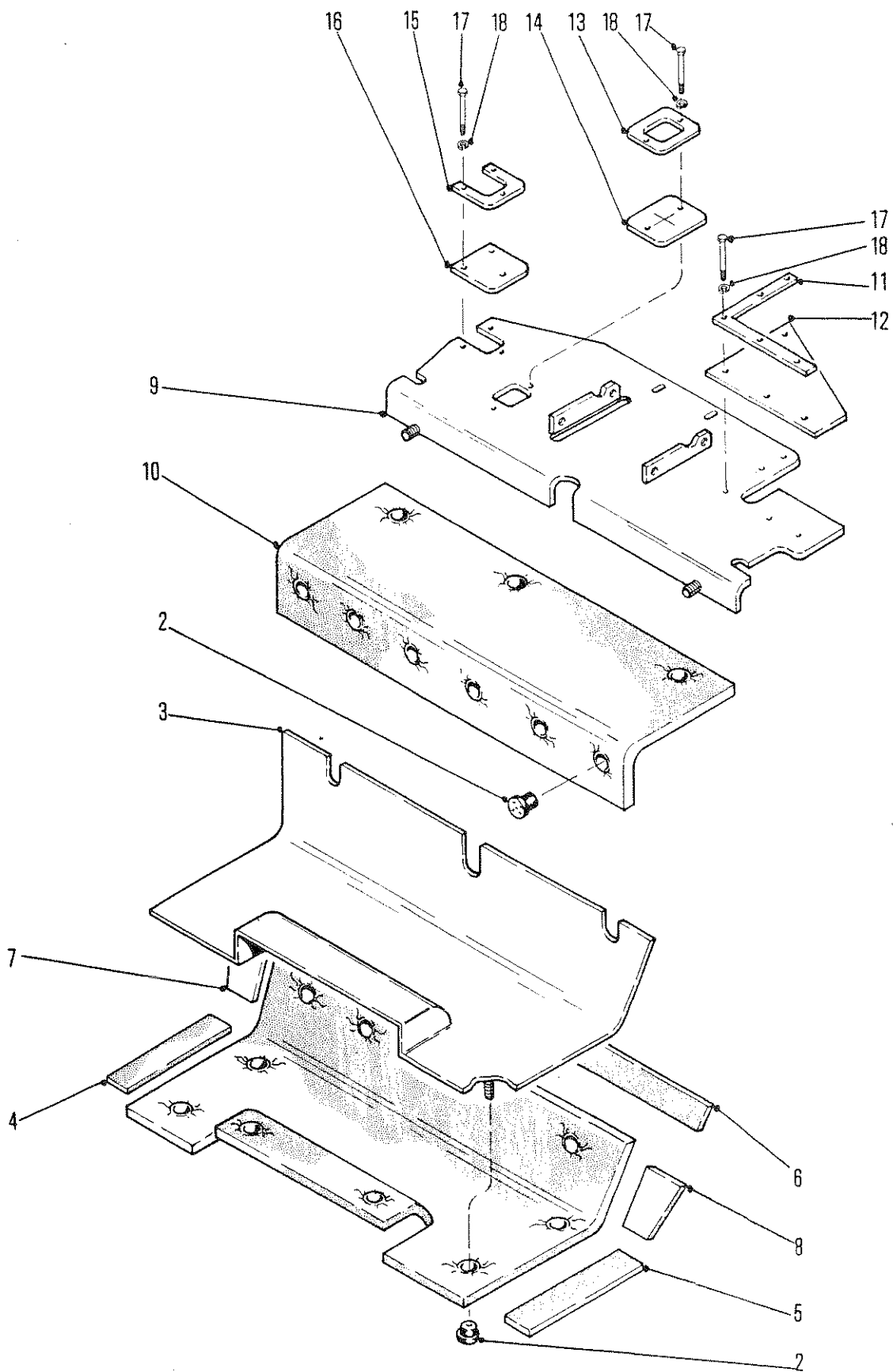
³ 666 GM

⁴ 664 GM

⁵ 666 CUM

664GM
664GMGR

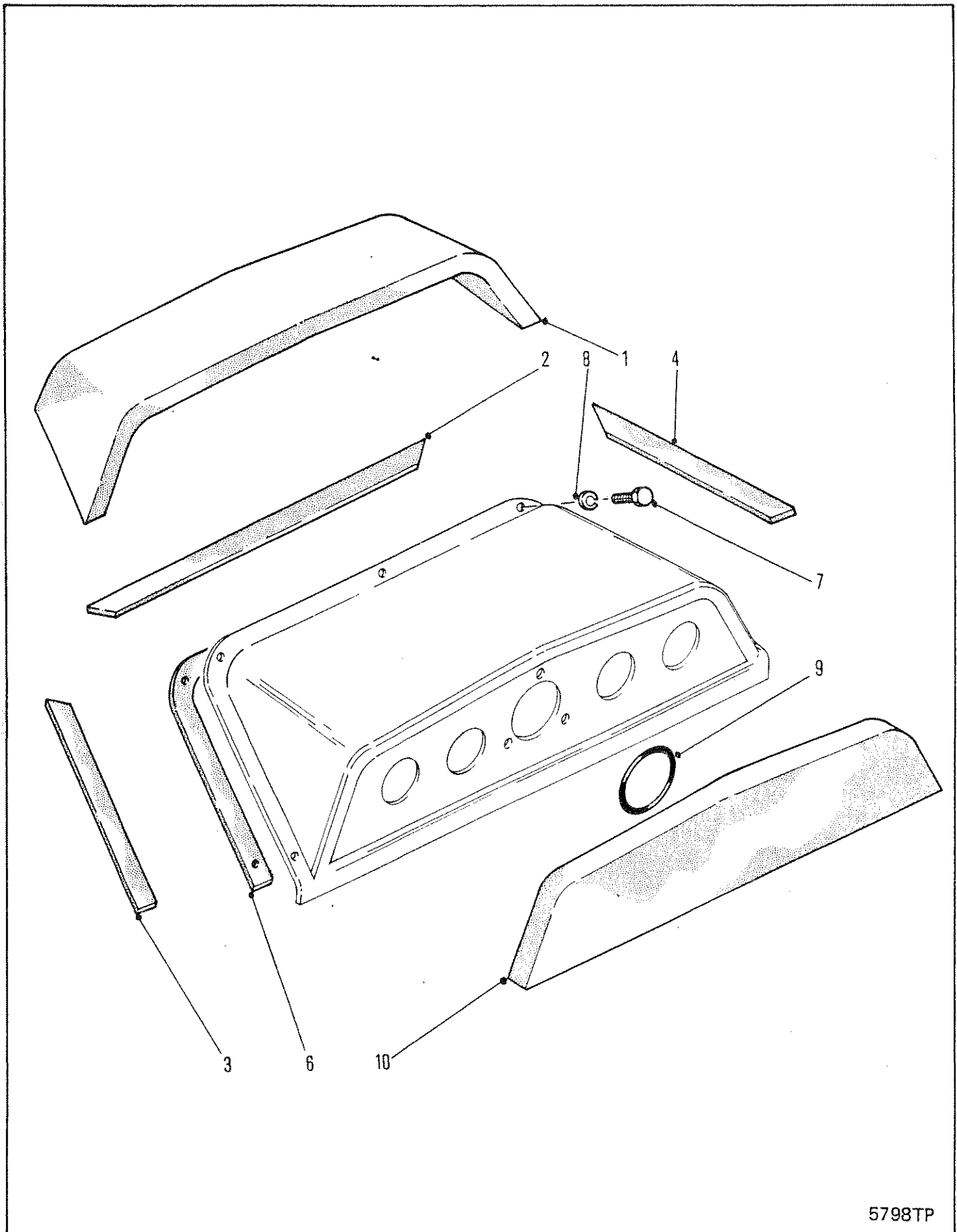
514E-101-CAC→514E-9999-CAC
508B-101-CAC→508B-9999-CAC



5794TP

**INSULATION-FLOOR & SEAT
ISOLATION-PLANCHER ET SIÈGE
ISOLIERUNG-BODEN UND SITZ
INSULAÇÃO-TAPETE DO PISO E ASSENTO
AISLAMIENTO-PISO Y ASIENTO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
2	1914284	21	Fastener	attache	Verschlu-	prendedor	abrazadera
3	1914976	1	Plate	plaque	Platte	placa	placa
4	1914977	1	Insulation	isolation	Isolierung	isolamento	aislación
5	1914979	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	1914980	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
7	1914981	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	1914982	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
9	1914997	1	Plate	plaque	Platte	placa	placa
10	1914998	1	Insulation	isolation	Isolierung	isolamento	aislación
11	1915000	1	Retainer	arrêtoir	Halterung	retentor	retén
12	1915001	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
13	1915002	1	Retainer	arrêtoir	Halterung	retentor	retén
14	1915003	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
15	1915176	1	Retainer	arrêtoir	Halterung	retentor	retén
16	1915177	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
17	18C000410	7	Bolt	boulon	Bolzen	parafuso	bulón
18	24E000004	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

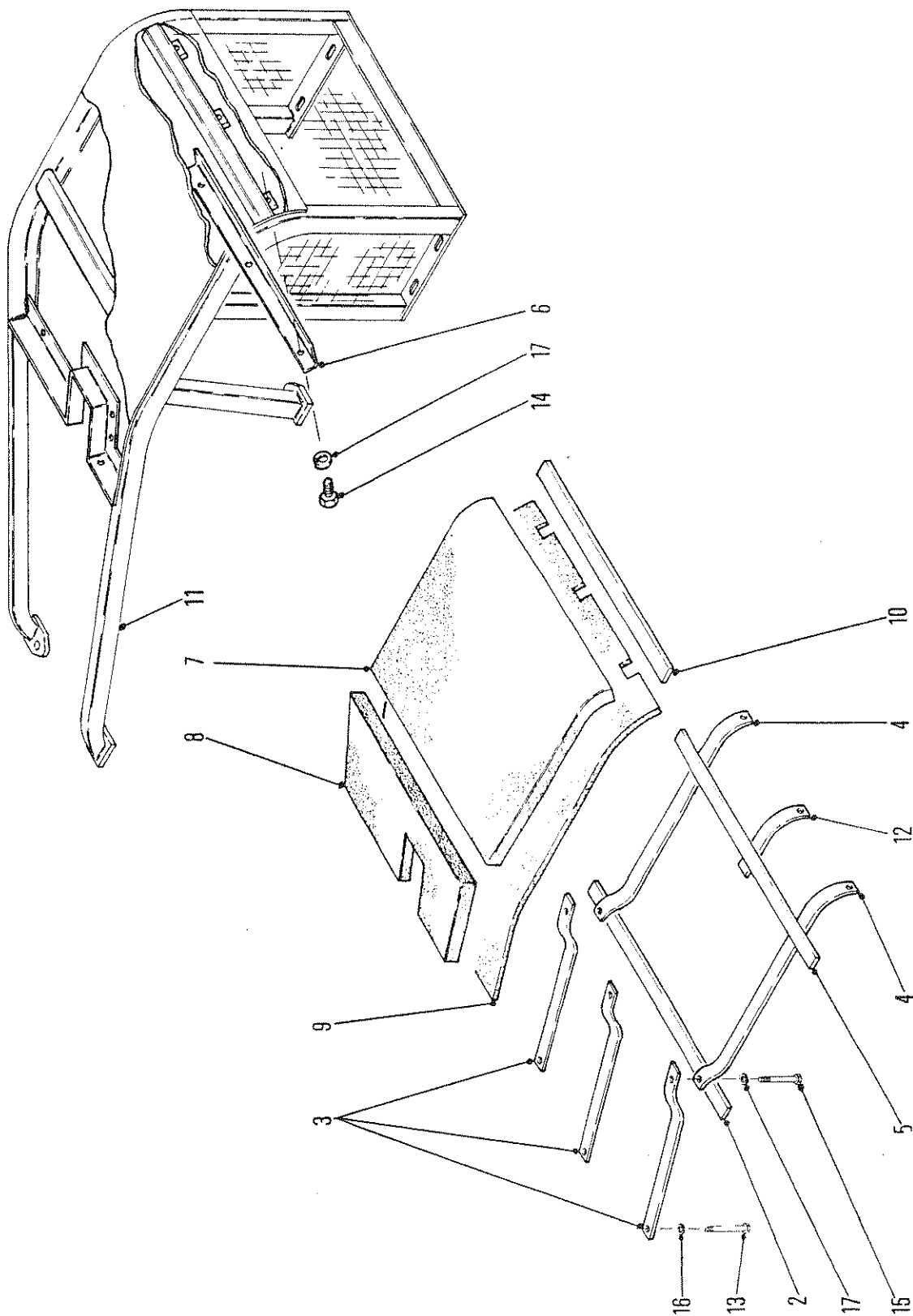


5798TP

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

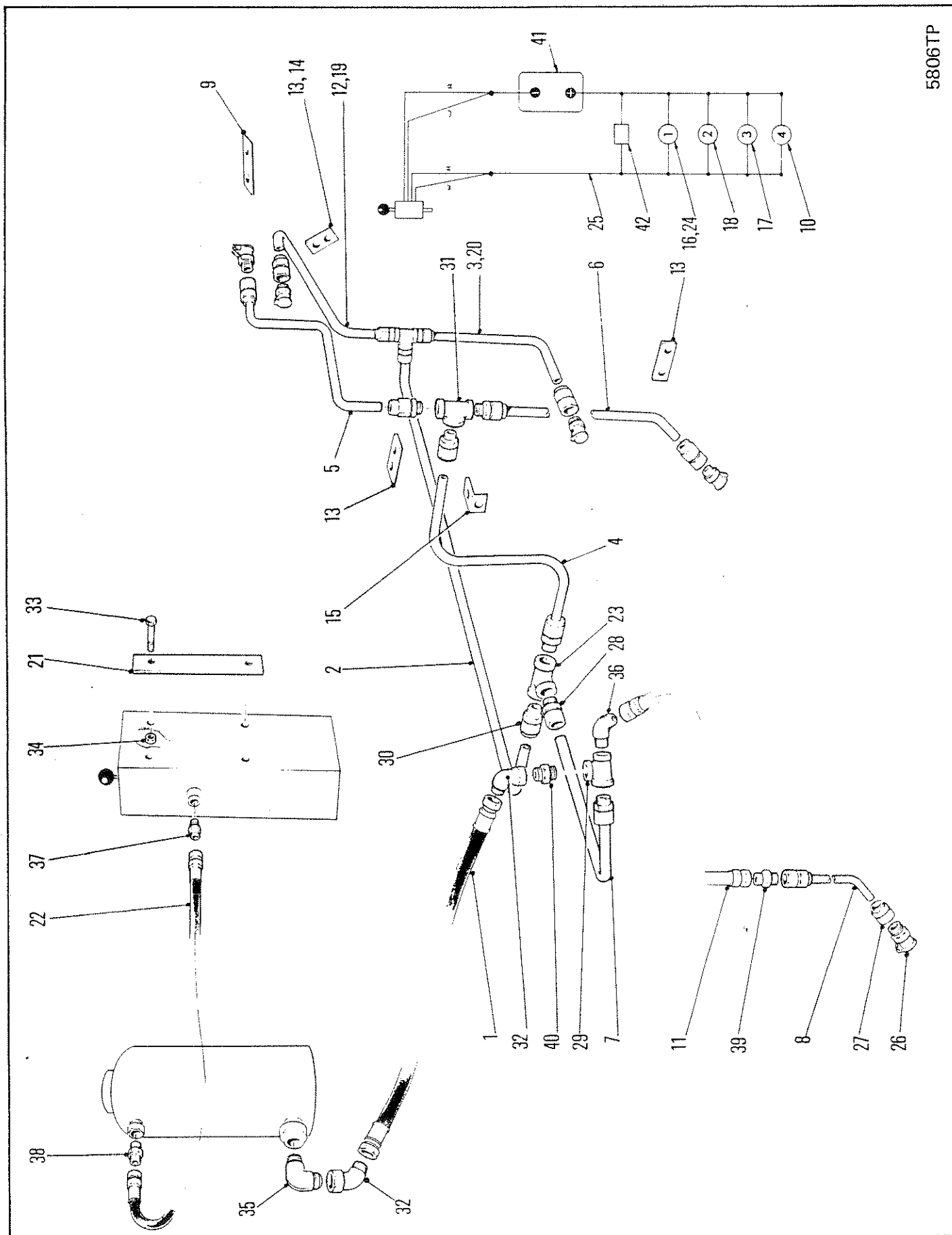
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909247	1	Insulation	isolation	Isolierung	isolamento	aislación
2	1909248	1	Insulation	isolation	Isolierung	isolamento	aislación
3	1909249	1	Insulation LH	isolation CG	Isolierung L	isolamento LE	aislación LI
4	1909250	1	Insulation 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	1914827	1	Support	support	Abstützung	suporte	soporte
3	1914828	3	Strap	bande	Band	faixa	banda
4	1914830	2	Strap	bande	Band	faixa	banda
5	1914831	1	Support	support	Abstützung	suporte	soporte
6	1914832	1	Retainer	arrêtoir	Halterung	retentor	retén
7	1914833	1	Insulation	isolation	Isolierung	isolamento	aislación
8	1914834	1	Insulation	isolation	Isolierung	isolamento	aislación
9	1914835	1	Insulation	isolation	Isolierung	isolamento	aislación
10	1914836	1	Insulation	isolation	Isolierung	isolamento	aislación
11	1914837	1	Canopy	dais	Schutzdach	dossel	dosel
12	1914926	1	Strap	bande	Band	faixa	banda
13	17C000412	3	Bolt	boulon	Bolzen	parafuso	bulón
14	18C000620	3	Bolt	boulon	Bolzen	parafuso	bulón
15	18C000644	4	Bolt	boulon	Bolzen	parafuso	bulón
16	24E000004	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
17	24E000006	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad



5806TP

FIRE SUPPRESSION KIT
JEU D'EXTINCTION D'INCENDIE
FEURERSICHERHEITSSATZ
JÓGO EXTINTOR DE INCÊNDIO
JUEGO CONTRAFUEGO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	560706	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
2	1916858	1	Tube	tube	Rohr	tubo	tubo
3	1916860	1	Tube	tube	Rohr	tubo	tubo
4	1916861	1	Tube	tube	Rohr	tubo	tubo
5	1916862	1	Tube	tube	Rohr	tubo	tubo
6	1916863	1	Tube	tube	Rohr	tubo	tubo
7	1916864	1	Tube	tube	Rohr	tubo	tubo
8	1916865	1	Tube	tube	Rohr	tubo	tubo
9	1916868	1	Bracket	support	Winkel	grampo	grampa
10	1916872	1	Bracket	support	Winkel	grampo	grampa
11	1916955	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
12	1920970	1	Tube	tube	Rohr	tubo	tubo
13	1921048	3	Bracket	support	Winkel	grampo	grampa
14	1921049	1	Bracket	support	Winkel	grampo	grampa
15	1921050	1	Bracket	support	Winkel	grampo	grampa
16	1921051	1	Bracket	support	Winkel	grampo	grampa
17	1921052	1	Bracket	support	Winkel	grampo	grampa
18	1921053	1	Bracket	support	Winkel	grampo	grampa
19	1921429	1	Tube	tube	Rohr	tubo	tubo
20	1921430	1	Tube	tube	Rohr	tubo	tubo
21	1924638	4	Flat	méplat	Fläche	bloco plano	planchuela
22	1924659	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
23	1924661	1	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
24	1924669	4	Sensor	capteur	Fühler	sensor	sensor
25	1929283	1	Trunk wire	câble de plancher	Fernkabel	arame de mal	cable del baúl
26	1991318	5	Nozzle	gicleur	Düse	bocal	boquilla
27	1991877	6	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
28	1991878	5	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
29	1991879	1	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
30	1991880	8	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
31	1991881	2	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
32	12K000008	2	Fitting	ajustage	Verbindung	ajuste	accesorio
33	17C000624	8	Bolt	boulon	Bolzen	parafuso	bulón
34	59D000006	8	Nut	écrou	Mutter	porca	tuerca
35	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	84F000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
37	89F000005	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
38	89F000006	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
39	89F000007	1	Connector	raccord	Verbindungsstück	ligador	conector
40	89F000008	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
41	-----	1	Battery	batterie	Batterie	bateria	bateria
42	-----	1	Switch	interrupteur	Schalter	interruptor	interruptor

¹ GM

² CUM

RANGER

FAN BELT CHART

DATA-J1 10000-0183

664B

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

*Matched-set of two (2) belts

ALTERNATOR DRIVE BELT CHART

DATA-J1 20000-0183

664B

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

664B

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

664B

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

NUMERICAL INDEX

RANGER

Part No.	Group No.	Microfiche Loc.	Part No.	Group No.	Microfiche Loc.
100171	A 4 15000	1 C 23	106880	A 4 20015	1 D 6
	A 4 15610	1 D 4	106998	A 4 10600	1 C 19
100172	A 4 15000	1 C 23		A 4 20610	1 D 9
	A 4 15610	1 D 4	107016	A 4 10000	1 C 16
100173	A 4 15000	1 C 23		A 4 20015	1 D 6
	A 4 15610	1 D 4	107348	A 4 10600	1 C 18
100174	A 4 14950	1 C 21		A 4 20610	1 D 9
	A 4 15000	1 C 23	109088	A 4 20015	1 D 6
	A 4 15600	1 D 2		A 4 30100	1 D 16
	A 4 15610	1 D 4	110127	A 4 25610	1 D 13
100176	A 4 14950	1 C 21	112054	A 4 10000	1 C 16
	A 4 15000	1 C 23		A 4 20015	1 D 6
	A 4 15600	1 D 2	112278	A 4 10000	1 C 16
	A 4 15610	1 D 4		A 4 10600	1 C 18
	A 4 25610	1 D 13		A 4 20015	1 D 6
100941	A 4 14950	1 C 21		A 4 20610	1 D 9
	A 4 15000	1 C 23	112279	A 4 14950	1 C 21
	A 4 15600	1 D 2		A 4 15000	1 C 23
	A 4 15610	1 D 4		A 4 15600	1 D 2
	A 4 25610	1 D 13		A 4 15610	1 D 4
100950	A 4 25610	1 D 13		A 4 25610	1 D 13
100970	A 4 10000	1 C 16	112287	A 4 10000	1 C 16
	A 4 10600	1 C 18		A 4 20015	1 D 6
	A 4 20015	1 D 6	112351	A 4 25610	1 D 13
	A 4 20610	1 D 9	112352	A 4 14950	1 C 21
101274	A 4 10000	1 C 16		A 4 15000	1 C 23
	A 4 20015	1 D 6		A 4 15600	1 D 2
102745	A 2 10170	1 B 5		A 4 15610	1 D 4
	A 3 10000	1 B 12		A 4 25610	1 D 13
	A 3 10050	1 B 16	112354	A 4 14950	1 C 21
	A 6 24050	1 G 3		A 4 15000	1 C 23
	A 6 24150	1 G 7		A 4 15600	1 D 2
103076	A 4 10000	1 C 16		A 4 15610	1 D 4
	A 4 20015	1 D 6		A 4 25610	1 D 13
103216	A 4 10000	1 C 16	113850	A 4 10000	1 C 16
	A 4 10600	1 C 18	113929	A 4 10000	1 C 16
	A 4 20015	1 D 6		A 4 10600	1 C 18
	A 4 20610	1 D 9		A 4 20015	1 D 6
103293	A 1 25100	1 B 2		A 4 20610	1 D 9
103522	F 2 96850	2 D 17	114089	A 4 10000	1 C 16
	F 2 96900	2 D 19		A 4 20015	1 D 6
104182	A 4 14950	1 C 21	114119	A 4 10000	1 C 16
	A 4 15000	1 C 23		A 4 20015	1 D 6
	A 4 15600	1 D 2	114433	A 4 10000	1 C 16
	A 4 15610	1 D 4		A 4 20015	1 D 6
104412	A 4 10600	1 C 19	114450	A 4 20015	1 D 6
	A 4 20610	1 D 9	115971	B 1 20150	1 J 20
106058	A 4 10000	1 C 16		B 1 20750	1 J 22
	A 4 20015	1 D 6		B 1 23150	1 K 4
106059	A 4 10000	1 C 16	116419	A 4 10000	1 C 16
	A 4 20015	1 D 6		A 4 20015	1 D 6
106081	A 4 14950	1 C 21	117336	A 4 10600	1 C 19
	A 4 15000	1 C 23		A 4 20610	1 D 9
	A 4 15600	1 D 2	118150	A 4 15600	1 D 2
	A 4 15610	1 D 4		A 4 15610	1 D 4
	A 4 25610	1 D 13	119270	A 4 10000	1 C 16
106349	A 4 20015	1 D 6		A 4 10600	1 C 18
	A 4 30100	1 D 16		A 4 20015	1 D 6
106350	A 4 20015	1 D 6		A 4 20610	1 D 9
	A 4 30100	1 D 16	119298	A 4 25610	1 D 13
106351	A 4 20015	1 D 6	119469	A 4 10600	1 C 18
	A 4 30100	1 D 16		A 4 20610	1 D 9
106352	A 4 20015	1 D 6	121013	A 4 10600	1 C 18
	A 4 30100	1 D 16		A 4 20610	1 D 9
106455	A 4 10000	1 C 16	121014	A 4 10600	1 C 18
	A 4 20015	1 D 6		A 4 20610	1 D 9
106762	A 4 10000	1 C 16	121015	A 4 10600	1 C 18
	A 4 10600	1 C 18		A 4 20610	1 D 9
	A 4 14950	1 C 21	121166	A 4 30110	1 D 18
	A 4 15000	1 C 23	121802	A 4 10600	1 C 18
	A 4 15600	1 D 2	121804	A 4 10600	1 C 18
	A 4 15610	1 D 4		A 4 20610	1 D 9
	A 4 20015	1 D 6	121851	A 4 10600	1 C 18
	A 4 20610	1 D 9		A 4 20610	1 D 9
106880	A 4 10000	1 C 16	122470	A 4 10000	1 C 16

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	A 4 20015	1 D 6	127991	A 4 14950	1 C 21
122765	A 4 14950	1 C 21	127993	A 4 15610	1 D 4
	A 4 15000	1 C 23	127994	A 4 15600	1 D 2
	A 4 15600	1 D 2	127995	A 4 25610	1 D 13
	A 4 15610	1 D 4	128117	A 4 10600	1 C 18
	A 4 25610	1 D 13		A 4 20610	1 D 9
123672	A 4 10600	1 C 18	141675	A 9 16050	1 I 9
	A 4 20610	1 D 9	142062	A 9 16050	1 I 9
123800	A 4 14950	1 C 21	191799	A 4 10600	1 C 18
	A 4 15000	1 C 24	191800	A 4 10600	1 C 18
	A 4 15600	1 D 2	191801	A 4 20610	1 D 9
	A 4 15610	1 D 4	192544	A 4 10000	1 C 16
	A 4 25610	1 D 13	192545	A 4 10000	1 C 16
123830	A 4 14950	1 C 21	192546	A 4 20015	1 D 6
	A 4 15000	1 C 23	193054	A 4 20015	1 D 6
	A 4 15600	1 D 2	201413	A 6 22010	1 F 20
	A 4 25610	1 D 13		A 6 23000	1 F 23
123904	A 4 10600	1 C 18	201497	A 3 20100	1 C 13
	A 4 20610	1 D 9		A 9 20200	1 I 14
124040	A 4 25610	1 D 13	201566	A 3 10000	1 B 12
124041	A 4 14950	1 C 21		A 3 10050	1 B 16
	A 4 15000	1 C 24	201951	A 2 10170	1 B 5
	A 4 15600	1 D 2	202200	A 3 13050	1 C 3
	A 4 15610	1 D 4		A 6 14000	1 F 4
124179	A 4 15610	1 D 4	203253	A 6 24150	1 G 7
124325	A 4 10600	1 C 18	206770	A 6 24050	1 G 3
	A 4 20610	1 D 9		A 6 24150	1 G 8
124435	A 4 14950	1 C 21	206864	A 2 10170	1 B 5
	A 4 15600	1 D 2		A 3 10000	1 B 12
	A 4 25610	1 D 13		A 3 10050	1 B 16
124436	A 4 14950	1 C 21		A 6 24050	1 G 3
	A 4 15600	1 D 2		A 6 24150	1 G 7
124439	A 4 25610	1 D 13	207647	A 2 10170	1 B 5
124444	A 4 15000	1 C 23		A 9 10075	1 I 3
	A 4 15610	1 D 4	207873	A 2 10170	1 B 7
124482	A 7 15475	1 H 10		A 3 10000	1 B 12
124483	A 7 15475	1 H 10		A 3 10050	1 B 16
124484	A 7 15475	1 H 10		A 6 22010	1 F 20
124573	A 4 30110	1 D 18		A 6 23000	1 F 23
124574	A 4 30110	1 D 18	207878	A 6 23000	1 F 24
124575	A 4 30110	1 D 18	208805	A 7 10200	1 G 18
124576	A 4 30110	1 D 18	209313	A 2 10170	1 B 6
124577	A 4 30110	1 D 18	209915	A 1 15025	1 A 16
124886	A 4 14950	1 C 21		A 1 20050	1 A 22
	A 4 15600	1 D 2		A 1 20115	1 A 24
124995	A 4 15000	1 C 23	211433	A 3 13050	1 C 3
125482	A 4 20015	1 D 6	211853	A 6 24050	1 G 3
125576	A 4 14950	1 C 21		A 6 24150	1 G 8
	A 4 15600	1 D 2	214295	A 3 10000	1 B 12
	A 4 15610	1 D 4		A 3 10050	1 B 16
	A 4 25610	1 D 13	214337	E 2 70000	2 B 2
125577	A 4 14950	1 C 21	214596	A 2 10170	1 B 6
	A 4 15000	1 C 23	214730	A 2 10170	1 B 5
	A 4 15600	1 D 2	214920	A 2 10170	1 B 6
	A 4 15610	1 D 4	214923	A 2 10170	1 B 6
	A 4 25610	1 D 13	214924	A 2 10170	1 B 6
125578	A 4 15000	1 C 23	214925	A 2 10170	1 B 6
125600	A 4 14950	1 C 21	214928	A 2 10170	1 B 5
	A 4 15600	1 D 2	214929	A 2 10170	1 B 5
	A 4 25610	1 D 13	214930	A 2 10170	1 B 5
125682	A 4 10000	1 C 16	214931	A 2 10170	1 B 5
125683	A 4 20015	1 D 6	214936	A 2 10170	1 B 5
126894	A 4 15000	1 C 23	214943	A 2 25050	1 B 9
	A 4 15610	1 D 4	214946	A 2 25050	1 B 9
	A 4 25610	1 D 13	214949	A 2 25050	1 B 9
127107	A 7 10150	1 G 16	214951	A 2 10170	1 B 6
127398	A 4 30110	1 D 18	214953	A 2 10170	1 B 6
127399	A 4 30110	1 D 18	214954	A 2 10170	1 B 5
127668	A 4 20015	1 D 6	214956	A 2 10170	1 B 5
127989	A 4 14950	1 C 21	214961	A 2 10170	1 B 5
	A 4 15000	1 C 24	214962	A 9 10075	1 I 3
	A 4 15600	1 D 2	214979	A 2 10170	1 B 5
	A 4 15610	1 D 4	214981	A 2 10170	1 B 5

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214985	A 3 10000	1 B 13		A 3 10050	1 B 17
	A 3 10050	1 B 17	215909	A 1 20115	1 A 24
214988	A 2 10170	1 B 6		A 2 10170	1 B 7
215141	A 3 10000	1 B 12		A 8 10040	1 H 23
	A 3 10050	1 B 16	216058	A 3 10000	1 B 12
215143	A 3 10000	1 B 12		A 3 10050	1 B 16
	A 3 10050	1 B 16		A 6 24050	1 G 3
215144	A 3 10000	1 B 12		A 6 24150	1 G 7
	A 3 10050	1 B 16	216267	A 6 14000	1 F 4
215145	A 3 10000	1 B 12	217420	A 6 24050	1 G 3
	A 3 10050	1 B 16		A 6 24150	1 G 8
215146	A 3 10000	1 B 12	217657	A 6 14000	1 F 4
	A 3 10050	1 B 16	217693	A 6 22010	1 F 21
215147	A 3 13050	1 C 3		A 6 23000	1 F 24
215149	A 3 10000	1 B 13	217952	A 3 10000	1 B 12
	A 3 10050	1 B 17		A 3 10050	1 B 16
215150	A 3 10050	1 B 17	218353	A 3 10000	1 B 12
215154	A 3 10000	1 B 13		A 3 10050	1 B 16
	A 3 10050	1 B 17	218777	A 6 22010	1 F 21
215155	A 3 10000	1 B 12		A 6 23000	1 F 24
	A 3 10050	1 B 16	219370	A 3 10000	1 B 13
215156	A 3 10000	1 B 12		A 3 10050	1 B 17
	A 3 10050	1 B 16	219373	A 3 10000	1 B 13
215157	A 3 10000	1 B 12		A 3 10050	1 B 17
	A 3 10050	1 B 16	220363	A 3 13050	1 C 3
215158	A 3 10000	1 B 12	220725	A 2 10170	1 B 7
	A 3 10050	1 B 16		A 6 23000	1 F 24
215160	A 7 25000	1 H 12	220818	A 6 24050	1 G 3
215162	A 3 10000	1 B 12	220983	A 2 25050	1 B 9
	A 3 10050	1 B 16	221391	A 3 10000	1 B 12
215163	A 3 10000	1 B 12		A 3 10050	1 B 16
	A 3 10050	1 B 16	222006	A 2 10170	1 B 7
215164	A 3 10000	1 B 12	222031	A 6 22010	1 F 21
	A 3 10050	1 B 16		A 6 23000	1 F 24
215166	A 3 10000	1 B 12	222041	A 6 14000	1 F 4
	A 3 10050	1 B 16	222067	A 6 24050	1 G 3
	A 3 12000	1 B 23		A 6 24150	1 G 7
215176	A 3 11000	1 B 20	222079	A 2 10170	1 B 6
	A 3 12000	1 B 23	222312	A 2 25050	1 B 9
215177	A 3 11000	1 B 20	222318	A 2 25050	1 B 9
	A 3 12000	1 B 23	222418	A 6 22010	1 F 20
215179	A 3 11000	1 B 20		A 6 23000	1 F 23
	A 3 12000	1 B 23	222684	A 2 10170	1 B 6
215180	A 3 11000	1 B 20	223084	A 6 22010	1 F 20
215182	A 3 11000	1 B 20		A 6 23000	1 F 23
215183	A 3 11000	1 B 20	223085	A 3 11000	1 B 20
	A 3 12000	1 B 23		A 3 12000	1 B 23
	A 6 24050	1 G 3	223124	A 2 10170	1 B 7
	A 6 24150	1 G 7	223125	A 2 10170	1 B 7
215184	A 3 12000	1 B 23	223222	A 6 24150	1 G 8
215188	A 3 12000	1 B 23	223877	A 6 24050	1 G 3
215189	A 3 12000	1 B 23		A 6 24150	1 G 7
215190	A 3 11000	1 B 20	223989	A 6 23000	1 F 23
	A 3 12000	1 B 23	224009	A 2 10170	1 B 6
	A 6 24050	1 G 3	224028	A 4 10000	1 C 16
	A 6 24150	1 G 7		A 4 10600	1 C 18
215191	A 3 10000	1 B 13		A 4 20015	1 D 6
	A 3 10050	1 B 17		A 4 20610	1 D 9
215194	A 3 13050	1 C 3	224039	A 2 10170	1 B 5
215198	A 3 10000	1 B 12	224083	A 6 24050	1 G 3
	A 3 10050	1 B 16		A 6 24150	1 G 7
215205	A 3 10000	1 B 13	224368	A 2 25050	1 B 9
	A 3 10050	1 B 17	224369	A 2 25050	1 B 9
215502	A 8 10020	1 H 21	224620	A 3 13050	1 C 3
	A 8 10040	1 H 23	224771	A 3 11000	1 B 20
	J 1 50000	2 F 5		A 3 12000	1 B 23
215550	A 3 10000	1 B 12		A 6 24050	1 G 3
	A 3 10050	1 B 16		A 6 24150	1 G 7
215551	A 3 10000	1 B 13	224772	A 3 11000	1 B 20
	A 3 10050	1 B 17		A 3 12000	1 B 23
215663	A 3 11000	1 B 20		A 6 24050	1 G 3
215702	A 2 10170	1 B 5		A 6 24150	1 G 7
	A 3 10000	1 B 12	224774	A 3 11000	1 B 20

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	A 6 24150	1 G 7		A 6 24150	1 G 8
225076	A 3 11000	1 B 20	231279	A 6 24050	1 G 3
	A 3 12000	1 B 23		A 6 24150	1 G 8
225077	A 3 11000	1 B 20	231280	A 6 24050	1 G 3
	A 3 12000	1 B 23	231281	A 6 24050	1 G 3
225079	A 3 10000	1 B 13	231282	A 6 24050	1 G 3
	A 3 10050	1 B 17	231283	A 6 24050	1 G 3
225313	A 6 22010	1 F 20		A 6 24150	1 G 8
	A 6 23000	1 F 23	231284	A 6 24050	1 G 3
225602	A 3 11000	1 B 20		A 6 24150	1 G 8
	A 3 12000	1 B 23	231285	A 6 24050	1 G 3
225603	A 3 10000	1 B 12		A 6 24150	1 G 8
	A 3 10050	1 B 16	231286	A 6 24050	1 G 3
	A 3 11000	1 B 20	231287	A 6 24050	1 G 3
225793	A 6 22010	1 F 21	231288	A 6 24050	1 G 4
	A 6 23000	1 F 24	231289	A 6 22010	1 F 21
225800	A 6 22010	1 F 21	231290	A 6 22010	1 F 21
	A 6 23000	1 F 24		A 6 23000	1 F 24
225824	A 3 10000	1 B 12	231292	A 6 22010	1 F 21
	A 3 10050	1 B 16		A 6 23000	1 F 24
225844	A 6 24050	1 G 3	231293	A 6 22010	1 F 21
	A 6 24150	1 G 8		A 6 23000	1 F 24
225956	A 6 24050	1 G 3	231294	A 6 22010	1 F 21
	A 6 24150	1 G 7		A 6 23000	1 F 24
227952	A 3 12000	1 B 23	231300	A 6 22010	1 F 20
228068	A 3 10000	1 B 12		A 6 23000	1 F 23
	A 3 10050	1 B 17	231303	A 6 22010	1 F 20
228069	A 3 10000	1 B 13		A 6 23000	1 F 23
	A 3 10050	1 B 17	231308	A 6 22010	1 F 20
228943	A 3 10000	1 B 12		A 6 23000	1 F 23
	A 3 10050	1 B 17	231310	A 6 24050	1 G 4
229006	A 3 13050	1 C 3	231312	A 6 14000	1 F 4
229009	A 3 13050	1 C 3	231313	A 6 14000	1 F 4
229010	A 3 13050	1 C 3	231314	A 6 14000	1 F 4
229466	A 3 13050	1 C 3	231315	A 6 14000	1 F 4
229566	A 2 10170	1 B 6	231319	A 6 14000	1 F 4
229862	A 6 24050	1 G 3	231320	A 6 14000	1 F 4
230067	A 6 22010	1 F 21	231321	A 6 14000	1 F 4
	A 6 23000	1 F 24	231322	A 6 14000	1 F 4
230822	A 6 24050	1 G 3	231331	A 6 24050	1 G 4
	A 6 24150	1 G 7	231332	A 6 22010	1 F 20
230829	A 6 24050	1 G 3		A 6 23000	1 F 23
	A 6 24150	1 G 7	231333	A 6 22010	1 F 20
230851	A 6 24050	1 G 3		A 6 23000	1 F 23
	A 6 24150	1 G 8	231336	A 6 22010	1 F 20
230857	A 6 24050	1 G 3		A 6 23000	1 F 23
	A 6 24150	1 G 7	231338	A 6 22010	1 F 20
230911	A 6 24050	1 G 3		A 6 23000	1 F 23
	A 6 24150	1 G 7	231342	A 6 24050	1 G 4
230965	A 6 14000	1 F 4	231345	A 6 24050	1 G 4
231017	A 6 22010	1 F 20	231385	A 6 24050	1 G 4
	A 6 23000	1 F 23		A 6 24150	1 G 7
231059	A 6 24050	1 G 3	231386	A 6 14000	1 F 4
	A 6 24150	1 G 7	231387	A 6 14000	1 F 4
231200	A 6 14000	1 F 4	231389	A 6 14000	1 F 4
231231	A 6 22010	1 F 20	231399	A 6 22010	1 F 21
	A 6 23000	1 F 23		A 6 23000	1 F 24
231258	A 6 14000	1 F 4	231495	A 6 22010	1 F 20
231260	A 6 24050	1 G 3		A 6 23000	1 F 23
	A 6 24150	1 G 7	231743	A 6 24050	1 G 4
231262	A 6 24050	1 G 3		A 6 24150	1 G 7
	A 6 24150	1 G 7	231744	A 6 24050	1 G 4
231264	A 6 24050	1 G 3		A 6 24150	1 G 7
	A 6 24150	1 G 7	231811	A 6 22010	1 F 20
231269	A 6 24050	1 G 3		A 6 23000	1 F 23
231270	A 6 24050	1 G 3	231831	A 6 22010	1 F 20
231271	A 6 24050	1 G 3	231842	A 6 22010	1 F 20
231274	A 6 24050	1 G 3		A 6 23000	1 F 24
	A 6 24150	1 G 8	231843	A 6 22010	1 F 20
231275	A 6 24050	1 G 3		A 6 23000	1 F 24
	A 6 24150	1 G 8	231923	A 6 24050	1 G 4
231276	A 6 24050	1 G 3	231924	A 6 24050	1 G 4
	A 6 24150	1 G 8	232089	A 6 24050	1 G 4

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232141	A 6 24050	1 G 4	237405	A 2 10170	1 B 6
	A 6 24150	1 G 7	238313	A 3 11000	1 B 20
232156	A 6 24050	1 G 4		A 3 12000	1 B 23
232157	A 6 24050	1 G 4	239216	A 6 22010	1 F 20
	A 6 24150	1 G 8		A 6 23000	1 F 23
232158	A 6 24050	1 G 4	239742	A 2 10170	1 B 6
	A 6 24150	1 G 8	239892	A 3 10000	1 B 13
232159	A 6 24050	1 G 4		A 3 10050	1 B 17
	A 6 24150	1 G 8		A 3 13050	1 C 3
232160	A 6 24050	1 G 4	242873	A 6 24050	1 G 3
	A 6 24150	1 G 8		A 6 24150	1 G 7
232239	A 6 22010	1 F 20	282475	A 3 10000	1 B 12
	A 6 23000	1 F 23	284106	A 3 10050	1 B 16
232240	A 6 22010	1 F 20	284250	A 6 23000	1 F 23
	A 6 23000	1 F 23	286288	A 2 10170	1 B 5
232241	A 6 22010	1 F 20	300225	A 10 12000	1 I 20
232285	A 6 22010	1 F 20		E 2 70000	2 B 2
	A 6 23000	1 F 23	302568	A 7 15150	1 G 23
232338	A 6 22010	1 F 20		A 7 15200	1 H 2
	A 6 23000	1 F 23		A 7 15300	1 H 4
232346	A 6 24050	1 G 4		A 7 15375	1 H 6
	A 6 24150	1 G 7		A 7 15400	1 H 8
232348	A 6 24150	1 G 7		A 7 15475	1 H 10
232349	A 6 24150	1 G 8		B 4 10040	1 K 13
232350	A 6 24150	1 G 8		B 4 10060	1 K 15
232351	A 6 24150	1 G 8		B 4 10065	1 K 17
232355	A 6 24150	1 G 8	302712	A 6 20050	1 F 14
232356	A 6 24150	1 G 8		A 6 21200	1 F 18
232357	A 6 24150	1 G 8		E 2 70000	2 B 2
232362	A 6 24150	1 G 8	302713	A 6 17050	1 F 8
232363	A 6 24150	1 G 7	331196	A 9 14000	1 I 6
232365	A 6 24150	1 G 8	356622	D 1 10030	1 L 8
232366	A 6 24150	1 G 8		D 1 10300	1 L 10
232367	A 6 24150	1 G 8	364199	A 1 10300	1 A 10
232368	A 6 23000	1 F 24		A 1 10310	1 A 12
232370	A 6 23000	1 F 23	450230	A 2 10170	1 B 5
232535	A 2 10170	1 B 6	505384	F 2 92000	2 D 7
232628	A 6 22010	1 F 20	507815	F 2 92000	2 D 7
	A 6 23000	1 F 23	509772	A 3 20050	1 C 11
232635	A 6 23000	1 F 23		A 6 11010	1 E 22
232715	A 6 24050	1 G 4		A 9 20100	1 I 12
	A 6 24150	1 G 8		A 9 20200	1 I 14
232903	A 6 22010	1 F 20		A 10 20000	1 I 23
	A 6 23000	1 F 23		A 10 20100	1 J 2
232904	A 6 22010	1 F 20		A 10 20150	1 J 4
	A 6 23000	1 F 23	511512	A 1 25100	1 B 2
232943	A 6 22010	1 F 20	518233	A 1 10100	1 A 6
	A 6 23000	1 F 23		A 1 10150	1 A 8
232944	A 6 22010	1 F 20	521429	F 2 92000	2 D 7
	A 6 23000	1 F 23	524657	D 1 10030	1 L 8
232947	A 6 22010	1 F 20		D 1 10300	1 L 10
	A 6 23000	1 F 23	524703	A 1 15025	1 A 16
232950	A 6 22010	1 F 21		A 1 15050	1 A 18
233089	A 2 10170	1 B 7	525293	A 9 10075	1 I 3
233194	A 6 24150	1 G 8		D 1 10030	1 L 8
233302	A 6 24150	1 G 8	526676	A 8 10020	1 H 21
233361	A 6 24150	1 G 7		A 8 10040	1 H 23
233598	A 2 10170	1 B 5	527096	A 1 20050	1 A 22
	A 6 24050	1 G 4		A 1 20115	1 A 24
	A 6 24150	1 G 7	531905	D 1 20060	1 L 13
233850	A 6 24150	1 G 8	532917	E 1 10040	1 L 16
233859	A 6 23000	1 F 24		E 1 12000	1 L 18
234001	A 6 23000	1 F 23	533311	A 8 10020	1 H 21
234597	A 6 22010	1 F 20	535625	A 9 10075	1 I 3
	A 6 23000	1 F 23	536792	A 8 10020	1 H 21
234651	A 6 14000	1 F 4		A 8 10040	1 H 23
234761	A 6 22010	1 F 20	538090	A 8 10020	1 H 21
	A 6 23000	1 F 23		A 8 10040	1 H 23
235593	A 2 10170	1 B 6	539048	F 2 92000	2 D 7
235784	A 6 24050	1 G 4	539701	F 2 51050	2 C 8
	A 6 24150	1 G 7	539837	A 3 15050	1 C 6
235961	A 2 10170	1 B 5		A 3 15150	1 C 8
	A 9 10075	1 I 3	544512	A 7 25000	1 H 12
236288	A 2 10170	1 B 7	544998	A 7 25000	1 H 12

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546842	A 8 10020	1 H 21		A 7 15200	1 H 2
	A 8 10040	1 H 23		A 7 15300	1 H 4
547237	B 4 10060	1 K 15		A 7 15375	1 H 6
	B 4 10065	1 K 17		A 7 15400	1 H 8
547529	F 2 90000	2 C 23		A 7 15475	1 H 10
	F 2 90050	2 D 2	616775	A 7 15150	1 G 23
	F 2 90500	2 D 4		A 7 15200	1 H 2
550301	A 7 15100	1 G 21		A 7 15300	1 H 4
	A 7 15150	1 G 23		A 7 15375	1 H 6
	A 7 15200	1 H 2		A 7 15400	1 H 8
	A 7 15300	1 H 4		A 7 15475	1 H 10
	A 7 15375	1 H 6		B 4 10040	1 K 13
	A 7 15400	1 H 8		B 4 10060	1 K 15
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550401	A 7 15100	1 G 21	616795	A 3 20050	1 C 11
	A 7 15150	1 G 23	616796	A 1 10300	1 A 10
	A 7 15200	1 H 2		A 1 10310	1 A 12
551090	D 1 20060	1 L 13	616802	D 1 10300	1 L 10
551251	F 1 20350	2 B 14	616813	B 1 20750	1 J 22
551323	F 2 51050	2 C 8	616848	A 3 11000	1 B 20
551530	F 2 51075	2 C 12		A 3 12000	1 B 23
551888	A 8 10020	1 H 21	619018	A 1 10100	1 A 6
	A 8 10040	1 H 23	619019	A 1 15025	1 A 16
552377	A 7 15100	1 G 21		A 7 25000	1 H 12
	A 7 15150	1 G 23	619021	F 2 92000	2 D 7
	A 7 15200	1 H 2	619023	A 2 10170	1 B 6
	A 7 15300	1 H 4	619024	C 1 10040	1 L 3
	A 7 15375	1 H 6	619025	A 2 10170	1 B 6
	A 7 15475	1 H 10	619027	B 4 10040	1 K 13
552914	A 9 14000	1 I 6	619031	B 1 20750	1 J 22
553896	F 2 90000	2 C 23	619032	A 7 15300	1 H 4
557527	J 1 20000	2 F 3		A 7 15475	1 H 10
560706	H 1 10050	2 E 16	620235	A 7 15100	1 G 21
561912	A 10 20100	1 J 2		A 7 15150	1 G 23
	A 10 20150	1 J 4		A 7 15200	1 H 2
562783	E 1 10040	1 L 16		A 7 15300	1 H 4
	E 1 12000	1 L 18		A 7 15375	1 H 6
563377	E 1 13050	1 L 24		A 7 15400	1 H 8
565389	A 3 20100	1 C 13	620238	A 7 15100	1 G 21
569739	A 1 10300	1 A 10		A 7 15150	1 G 23
	A 1 10310	1 A 12		A 7 15200	1 H 2
573548	B 4 10060	1 K 15		A 7 15300	1 H 4
	B 4 10065	1 K 17		A 7 15375	1 H 6
574290	A 8 10020	1 H 21		A 7 15400	1 H 8
	A 8 10040	1 H 23		A 7 15475	1 H 10
575392	D 1 10300	1 L 10	626787	E 2 80000	2 B 5
583210	A 9 10075	1 I 3		F 2 40050	2 B 22
583454	F 2 90050	2 D 2	635373	A 7 25000	1 H 12
	F 2 90500	2 D 4	636260	F 2 51050	2 C 8
583573	A 8 10040	1 H 23		F 2 51075	2 C 12
584501	A 1 10300	1 A 10	641297	A 7 10100	1 G 14
	A 1 10310	1 A 12	645092	A 7 25000	1 H 12
585596	A 3 20050	1 C 11	652734	A 9 14000	1 I 6
586452	B 1 10040	1 J 7	652764	F 1 20050	2 B 12
	B 1 10060	1 J 9		F 2 51050	2 C 8
	B 3 10020	1 K 10	654150	A 6 20050	1 F 14
	B 5 10000	1 K 20	654613	A 3 11000	1 B 20
	B 6 10000	1 K 22		A 3 12000	1 B 23
	B 6 10020	1 K 24		A 6 24050	1 G 4
	E 1 10040	1 L 16		A 6 24150	1 G 7
	E 1 12000	1 L 18	656444	A 9 14000	1 I 6
	E 1 13000	1 L 22	656532	A 10 10000	1 I 17
	E 1 13050	1 L 24	658102	B 1 10060	1 J 9
587613	D 1 10030	1 L 8	658487	F 2 51075	2 C 12
	D 1 10300	1 L 10	658985	A 4 10000	1 C 16
600007	A 3 20050	1 C 11		A 4 20015	1 D 6
	A 3 20100	1 C 13	659065	A 2 10170	1 B 6
600259	B 4 10060	1 K 15		A 3 11000	1 B 20
	B 4 10065	1 K 17		A 3 12000	1 B 23
611074	F 2 90000	2 C 23	659648	E 2 80000	2 B 5
	F 2 90050	2 D 2	660178	A 2 25050	1 B 9
613750	A 7 10000	1 G 10	661415	A 7 10150	1 G 16
	A 7 10050	1 G 12	661555	F 2 51050	2 C 8

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661570	A 10 10000	1 I 17		A 4 25610	1 D 14
	A 10 12000	1 I 20	675261	A 4 10600	1 C 18
661862	B 4 10060	1 K 15		A 4 20610	1 D 9
	B 4 10065	1 K 17	675536	A 4 14950	1 C 21
	F 2 95050	2 D 10		A 4 15000	1 C 23
661978	E 2 70000	2 B 2		A 4 15600	1 D 2
663792	E 2 30100	2 A 13		A 4 15610	1 D 4
664140	A 6 14000	1 F 4		A 4 25610	1 D 14
664174	A 3 20100	1 C 13	675544	A 3 10000	1 B 13
664423	B 4 10040	1 K 13		A 3 10050	1 B 17
	B 4 10060	1 K 15	675548	A 3 10000	1 B 13
	C 1 10040	1 L 3		A 3 10050	1 B 17
	F 2 92000	2 D 7	690279	A 8 10020	1 H 21
664427	A 1 15025	1 A 16		A 8 10040	1 H 23
	D 1 10300	1 L 10	692722	A 7 15100	1 G 21
664871	A 1 20050	1 A 22		A 7 15150	1 G 23
	D 1 10030	1 L 8		A 7 15200	1 H 2
	D 1 10300	1 L 10		A 7 15300	1 H 4
666542	A 2 10170	1 B 6		A 7 15375	1 H 6
	A 7 10100	1 G 14		A 7 15400	1 H 8
666838	A 1 10150	1 A 8		A 7 15475	1 H 10
	A 1 10300	1 A 10	695317	F 2 90000	2 C 23
	A 1 10310	1 A 12	695343	F 1 20050	2 B 12
666863	A 1 10150	1 A 8		F 2 51050	2 C 8
	A 1 10300	1 A 10	696073	B 4 10040	1 K 13
	A 1 10310	1 A 12		B 4 10060	1 K 15
666888	E 2 80000	2 B 5		B 4 10065	1 K 17
667277	A 4 14950	1 C 21		F 2 95050	2 D 10
	A 4 15000	1 C 23	699005	A 7 10000	1 G 10
	A 4 15600	1 D 2		A 7 10050	1 G 12
	A 4 15610	1 D 4	710288	A 4 14950	1 C 21
	A 4 25610	1 D 13		A 4 15000	1 C 24
667278	A 4 14950	1 C 21		A 4 15600	1 D 2
	A 4 15000	1 C 23		A 4 15610	1 D 4
	A 4 15600	1 D 2		A 4 25610	1 D 14
	A 4 15610	1 D 4	710749	A 6 21050	1 F 16
	A 4 25610	1 D 13	710818	A 3 20100	1 C 13
668553	A 4 10600	1 C 18	710852	A 3 20100	1 C 13
	A 4 20610	1 D 9	711022	A 6 24050	1 G 4
669863	A 6 21200	1 F 18	711161	A 6 22010	1 F 20
672004	A 4 10600	1 C 18		A 6 23000	1 F 23
	A 4 20610	1 D 9	711178	A 6 22010	1 F 21
672005	A 4 10600	1 C 18		A 6 23000	1 F 24
	A 4 20610	1 D 9	711298	A 2 10170	1 B 5
672181	A 4 10000	1 C 16	713008	A 3 20100	1 C 13
	A 4 20015	1 D 6	713186	A 2 10170	1 B 5
672182	A 4 10000	1 C 16	713513	E 1 13050	1 L 24
	A 4 20015	1 D 6	713678	E 1 10040	1 L 16
672554	A 10 10000	1 I 17		E 1 12000	1 L 18
672907	A 4 30110	1 D 18	713836	A 6 21200	1 F 18
675227	A 3 20100	1 C 13	713870	B 1 20150	1 J 20
	A 6 11010	1 E 23	713997	E 2 70000	2 B 2
	A 7 15100	1 G 21	713998	A 6 20050	1 F 14
	A 7 15150	1 G 23	716464	A 6 11010	1 E 22
	A 7 15200	1 H 2		A 8 10040	1 H 23
	A 7 15375	1 H 6	730149	A 10 10000	1 I 17
	A 7 15400	1 H 8	730396	E 2 30100	2 A 12
	A 7 15475	1 H 10	730963	E 1 13050	1 L 24
	A 9 20200	1 I 14	731160	A 6 24050	1 G 4
	A 10 20100	1 J 2		A 6 24150	1 G 7
	A 10 20150	1 J 4	731249	A 6 20050	1 F 14
675248	A 4 14950	1 C 21	731288	A 6 24050	1 G 4
	A 4 15000	1 C 23	731326	A 6 20050	1 F 14
	A 4 15600	1 D 2	731742	A 6 21050	1 F 16
	A 4 15610	1 D 4	733622	B 4 10040	1 K 13
	A 4 25610	1 D 13	743035	A 2 10170	1 B 6
675249	A 4 14950	1 C 21	743200	B 4 10065	1 K 17
	A 4 15000	1 C 23		F 2 95050	2 D 10
	A 4 15600	1 D 2	743208	F 2 95050	2 D 10
	A 4 15610	1 D 4	743439	A 6 24050	1 G 4
	A 4 25610	1 D 14		A 6 24150	1 G 7
675257	A 4 14950	1 C 21	754019	F 2 51050	2 C 8
	A 4 15000	1 C 24		F 2 51075	2 C 12
	A 4 15600	1 D 2	755054	A 10 12000	1 I 20

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755055	A 10 10000	1 I 17	861692	A 7 15400	1 H 8
756853	A 1 10150	1 A 8	862652	A 7 25000	1 H 12
	A 1 10300	1 A 10	862653	A 7 25000	1 H 12
	A 1 10310	1 A 12	862655	A 7 25000	1 H 12
763185	A 6 21050	1 F 16	862656	A 7 25000	1 H 12
763656	A 6 21200	1 F 18	862738	A 7 25000	1 H 12
774143	A 9 14000	1 I 6	866348	A 7 25000	1 H 12
774167	A 6 18050	1 F 10	866349	A 7 25000	1 H 12
774433	A 10 12000	1 I 20	868586	A 7 15100	1 G 21
774623	A 6 22010	1 F 21		A 7 15150	1 G 23
	A 6 23000	1 F 24		A 7 15200	1 H 2
784431	E 1 13050	1 L 24	871782	A 7 10000	1 G 10
784433	A 6 14000	1 F 4		A 7 10050	1 G 12
784562	A 6 24050	1 G 4	873200	A 6 20050	1 F 14
784568	E 1 13000	1 L 22	874125	A 7 10000	1 G 10
784663	A 1 10100	1 A 6		A 7 10050	1 G 12
	A 1 10150	1 A 8	875170	A 7 10200	1 G 18
	A 1 10300	1 A 10	875248	A 1 10150	1 A 8
	A 1 10310	1 A 12		A 1 10300	1 A 10
	A 9 10075	1 I 3		A 1 10310	1 A 12
	A 9 14000	1 I 6	876574	A 9 14000	1 I 6
784950	F 2 50050	2 C 2	878196	E 2 30100	2 A 12
	F 2 50100	2 C 5		E 2 30650	2 A 17
791431	A 6 18050	1 F 10	878231	E 2 30100	2 A 12
791837	A 9 16050	1 I 9		E 2 30650	2 A 17
791949	F 1 10020	2 B 8	878232	E 2 30100	2 A 12
793742	A 6 11010	1 E 22		E 2 30650	2 A 17
798781	A 9 16050	1 I 9	878233	E 2 30100	2 A 12
799408	A 4 10000	1 C 16		E 2 30650	2 A 17
	A 4 20015	1 D 6	878234	E 2 30100	2 A 12
799565	F 2 90000	2 C 23		E 2 30650	2 A 17
	F 2 90050	2 D 2	878235	E 2 30100	2 A 12
799595	A 3 12000	1 B 23		E 2 30650	2 A 17
801192	A 7 25000	1 H 12	879717	A 1 10100	1 A 6
801193	A 7 25000	1 H 12		D 1 10030	1 L 8
801213	A 7 25000	1 H 12	883734	E 2 30100	2 A 12
801214	A 7 25000	1 H 12		E 2 30650	2 A 17
801215	A 7 25000	1 H 12	884378	A 1 10100	1 A 6
801216	A 7 25000	1 H 12	886267	E 2 20000	2 A 9
801217	A 7 25000	1 H 12	886526	A 1 25100	1 B 2
801363	A 3 10000	1 B 12	886527	A 1 25100	1 B 2
	A 3 10050	1 B 16	886718	A 7 25000	1 H 12
801524	A 2 10170	1 B 5	887578	A 7 10000	1 G 10
801607	A 2 10170	1 B 6		A 7 10050	1 G 12
801767	A 6 22010	1 F 20	887737	A 5 10220	1 D 20
801984	A 2 10170	1 B 6		A 5 20050	1 D 23
802003	A 2 10170	1 B 6	888331	A 9 16050	1 I 9
802164	A 6 24050	1 G 3	891069	A 7 10150	1 G 16
	A 6 24150	1 G 7	891071	A 7 10150	1 G 16
815040	A 4 14950	1 C 21	891072	A 7 10150	1 G 16
	A 4 15000	1 C 23	891073	A 7 10150	1 G 16
	A 4 15600	1 D 2	892833	A 1 25100	1 B 2
	A 4 15610	1 D 4	894831	A 6 11010	1 E 22
815204	A 4 14950	1 C 21		D 1 20060	1 L 13
	A 4 15000	1 C 23	896978	F 2 50050	2 C 2
815784	A 4 15000	1 C 23		F 2 50100	2 C 5
816090	A 4 30100	1 D 16	896979	F 2 50050	2 C 2
816092	A 4 30100	1 D 16		F 2 50100	2 C 5
816098	A 4 20610	1 D 9	896982	F 2 50050	2 C 2
816099	A 4 15000	1 C 23		F 2 50100	2 C 5
	A 4 15610	1 D 4	896983	F 2 50050	2 C 2
840473	A 7 10150	1 G 16		F 2 50100	2 C 5
840474	A 7 10150	1 G 16	896985	F 2 50050	2 C 2
840478	A 7 10150	1 G 16		F 2 50100	2 C 5
841036	A 4 10600	1 C 18	896988	F 2 50050	2 C 2
841037	A 4 20610	1 D 9		F 2 50100	2 C 5
853847	F 2 50050	2 C 2	896989	F 2 50050	2 C 2
	F 2 50100	2 C 5		F 2 50100	2 C 5
854915	A 7 15475	1 H 10	896990	F 2 50050	2 C 2
857944	A 7 15400	1 H 8		F 2 50100	2 C 5
860205	A 7 15100	1 G 21	896991	F 2 50050	2 C 2
	A 7 15150	1 G 23		F 2 50100	2 C 5
	A 7 15200	1 H 2	896992	F 2 50050	2 C 2
861356	A 7 10000	1 G 10		F 2 50100	2 C 5
	A 7 10050	1 G 12	896993	F 2 50050	2 C 2

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896994	F 2 50050	2 C 2	958653	F 2 92000	2 D 7
	F 2 50100	2 C 5	960373	E 2 20000	2 A 9
898224	E 2 20000	2 A 9	960419	J 1 20000	2 F 3
899038	E 2 30650	2 A 17	960837	A 7 10150	1 G 16
899039	E 2 30100	2 A 12	961028	J 1 50000	2 F 5
	E 2 30650	2 A 17	961172	J 1 50000	2 F 5
940081	A 5 10220	1 D 20	961262	J 1 20000	2 F 3
	A 5 20050	1 D 23	961658	J 1 20000	2 F 3
940090	A 5 30100	1 E 3	961901	A 7 10150	1 G 16
	A 5 40150	1 E 6	963023	J 1 50000	2 F 5
	A 5 40500	1 E 10	990087	E 2 20000	2 A 9
	A 5 50050	1 E 13	990774	A 9 14000	1 I 6
	A 5 60025	1 E 16	990932	F 2 50100	2 C 5
940091	A 5 30100	1 E 3	992313	E 2 20000	2 A 9
940092	A 5 30100	1 E 3	992712	E 2 40000	2 A 20
940224	A 5 30100	1 E 3	1300057	F 2 95050	2 D 10
940636	F 2 92000	2 D 7	1300309	A 10 10000	1 I 17
940653	A 5 20050	1 D 23	1300495	E 1 13000	1 L 22
940654	A 5 10220	1 D 20	1301253	A 1 10150	1 A 8
	A 5 20050	1 D 23	1302189	E 1 13000	1 L 22
941214	F 2 92000	2 D 7	1302519	A 10 10000	1 I 17
941226	A 7 25000	1 H 12	1303213	F 2 50100	2 C 5
941227	A 7 25000	1 H 12	1304040	A 9 20100	1 I 12
941238	A 7 25000	1 H 12	1304638	A 6 24150	1 G 8
941474	A 1 25100	1 B 2	1304938	A 1 20050	1 A 22
942746	A 9 14000	1 I 6		A 1 20115	1 A 24
944054	A 7 25000	1 H 12	1305106	J 1 20000	2 F 3
944408	J 1 50000	2 F 5	1305202	J 1 20000	2 F 3
944466	E 2 30100	2 A 12	1305373	A 3 20100	1 C 13
944469	E 2 30100	2 A 12	1306529	A 9 14000	1 I 6
	E 2 30650	2 A 17	1308602	A 10 10000	1 I 17
944471	E 2 30100	2 A 12	1309108	F 2 50050	2 C 2
	E 2 30650	2 A 17		F 2 50100	2 C 5
944645	E 2 30100	2 A 12	1310761	F 2 95050	2 D 10
	E 2 30650	2 A 17	1312081	A 3 20100	1 C 13
944862	A 5 30100	1 E 3	1313426	A 7 10100	1 G 14
	A 5 40150	1 E 6	1313427	A 7 10100	1 G 14
	A 5 40475	1 E 8	1313998	A 9 14000	1 I 6
	A 5 40500	1 E 10	1314773	A 6 24050	1 G 4
	A 5 50050	1 E 13		A 6 24150	1 G 8
	A 5 60025	1 E 16	1314774	A 6 24050	1 G 4
944907	F 2 90000	2 C 23		A 6 24150	1 G 8
	F 2 90050	2 D 2	1316443	A 10 10000	1 I 17
	F 2 90500	2 D 4	1317072	B 1 10060	1 J 9
944968	A 7 25000	1 H 12		B 1 20050	1 J 18
944969	A 7 25000	1 H 12	1317198	A 3 20050	1 C 11
945060	A 1 25100	1 B 2		A 3 20100	1 C 13
945374	A 3 11000	1 B 20	1317408	A 9 20200	1 I 14
	A 3 12000	1 B 23		A 10 20100	1 J 2
945444	J 1 50000	2 F 5		A 10 20150	1 J 4
945445	J 1 50000	2 F 5	1318083	E 2 70000	2 B 2
945446	J 1 50000	2 F 5	1318084	E 2 70000	2 B 3
946008	J 1 50000	2 F 5	1319227	E 1 13000	1 L 22
946011	J 1 50000	2 F 5	1319348	E 1 13050	1 L 24
946372	A 9 10075	1 I 3	1319807	A 7 15400	1 H 8
946479	A 7 10150	1 G 16	1501478	F 2 90000	2 C 23
946860	A 1 25100	1 B 2		F 2 90050	2 D 2
947289	J 1 10000	2 F 1	1501855	J 1 10000	2 F 1
947293	J 1 50000	2 F 5	1502845	E 1 13050	1 L 24
947596	E 1 13000	1 L 22	1503013	E 1 13050	1 L 24
947930	A 7 10150	1 G 16	1503251	A 9 20200	1 I 14
947931	A 7 10150	1 G 16		A 10 20100	1 J 2
948251	E 2 30650	2 A 17		A 10 20150	1 J 4
949095	J 1 50000	2 F 5	1503465	E 1 13000	1 L 22
949096	J 1 50000	2 F 5	1503467	E 1 13050	1 L 24
949098	J 1 50000	2 F 5	1503564	A 6 11010	1 E 22
949985	J 1 20000	2 F 3		B 1 20050	1 J 18
952001	F 2 92000	2 D 7	1503629	E 1 10040	1 L 16
952160	A 6 22010	1 F 21		E 1 12000	1 L 18
	A 6 23000	1 F 24	1503639	E 1 10040	1 L 16
954597	A 7 10200	1 G 18		E 1 12000	1 L 18
955743	A 4 10000	1 C 16	1511709	F 2 60000	2 C 16
	A 4 10600	1 C 18	1512006	F 2 60000	2 C 16
	A 4 20015	1 D 6	1513887	F 2 60000	2 C 16
	A 4 20610	1 D 9	1520190	D 1 20060	1 L 13

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1520193	D 1 20060	1 L 13	1900167	B 1 15060	1 J 12
1520467	E 1 13050	1 L 24	1900168	B 1 10040	1 J 7
1520557	A 10 10000	1 I 17		B 1 10060	1 J 9
1520566	A 9 10075	1 I 3		B 1 15060	1 J 12
1522535	A 3 20100	1 C 13		B 3 10020	1 K 10
	A 7 15100	1 G 21	1900177	A 7 15475	1 H 10
	A 7 15150	1 G 23		A 7 40150	1 H 15
	A 7 15200	1 H 2	1900194	B 2 10000	1 K 7
	A 7 15375	1 H 6		B 5 10000	1 K 20
	A 7 15400	1 H 8	1900215	A 6 21050	1 F 16
	A 7 15475	1 H 10		A 6 21200	1 F 18
	A 9 20200	1 I 14	1900338	A 7 15475	1 H 10
	A 10 20100	1 J 2		A 7 40150	1 H 15
	A 10 20150	1 J 4		B 1 20150	1 J 20
1523209	D 1 20060	1 L 13		B 1 23150	1 K 4
1523210	D 1 20060	1 L 13	1900350	F 2 96950	2 D 21
1525766	F 2 40050	2 B 22	1900460	F 1 20050	2 B 12
1529625	A 1 25100	1 B 2		F 1 20350	2 B 14
	B 4 10040	1 K 13		F 2 51050	2 C 8
	B 4 10060	1 K 15		F 2 51075	2 C 12
	B 4 10065	1 K 17	1900464	F 1 20050	2 B 12
1530264	E 1 10040	1 L 16		F 2 51050	2 C 8
	E 1 12000	1 L 18	1900491	A 3 20050	1 C 11
1530361	F 2 51075	2 C 12	1900497	A 3 20050	1 C 11
1531929	A 9 10075	1 I 3		A 3 20100	1 C 13
1533614	A 8 10020	1 H 21	1900501	A 3 20050	1 C 11
	A 8 10040	1 H 23		A 3 20100	1 C 13
1534136	F 1 20050	2 B 12	1900503	A 3 20050	1 C 11
	F 1 20350	2 B 14		A 3 20100	1 C 13
1534139	F 1 20050	2 B 12	1900510	A 9 20100	1 I 12
1534140	F 1 20050	2 B 12	1900538	A 7 40150	1 H 15
1534143	F 1 20050	2 B 12	1900572	A 7 40150	1 H 15
1534144	F 1 20050	2 B 12	1900582	F 2 51050	2 C 8
1534237	B 1 20150	1 J 20	1900603	A 8 10020	1 H 21
	B 1 20750	1 J 22		A 8 10040	1 H 23
1536234	E 1 13000	1 L 22	1900609	D 1 20060	1 L 13
1537934	F 2 51075	2 C 12	1900638	F 2 90500	2 D 4
1539058	A 6 11010	1 E 22	1900649	A 4 10000	1 C 16
1542360	A 6 11010	1 E 22		A 4 10600	1 C 18
	A 8 10040	1 H 23		A 4 20015	1 D 6
1545134	A 9 14000	1 I 6		A 4 20610	1 D 9
1564758	E 1 13000	1 L 22		F 2 96800	2 D 15
1573309	B 6 10000	1 K 22		F 2 96950	2 D 21
	B 6 10020	1 K 24		F 2 97000	2 D 23
	E 1 13000	1 L 22	1900666	A 3 15050	1 C 6
	E 1 13050	1 L 24		A 3 15150	1 C 8
1574466	B 1 10040	1 J 7	1900671	A 4 20015	1 D 7
	B 1 10060	1 J 9		B 1 23000	1 K 2
	B 1 15060	1 J 12	1900710	A 7 15100	1 G 21
	B 3 10020	1 K 10		A 7 15150	1 G 23
	E 1 10040	1 L 16		A 7 15300	1 H 4
	E 1 12000	1 L 18		A 7 15375	1 H 6
	E 2 70000	2 B 2		A 7 15475	1 H 10
1618574	F 2 51050	2 C 8	1900759	D 1 20060	1 L 13
1667685	A 1 15025	1 A 16	1900769	A 9 10075	1 I 3
1700333	A 1 20115	1 A 24	1900793	A 3 20050	1 C 11
1798568	F 1 20050	2 B 12		A 3 20100	1 C 13
	F 1 20350	2 B 14	1900802	A 1 15025	1 A 16
1801087	F 1 20350	2 B 14		A 1 15050	1 A 18
1801094	F 1 10020	2 B 8	1900806	F 1 10020	2 B 8
	F 1 10040	2 B 10	1900873	D 1 20060	1 L 13
1811377	F 1 20050	2 B 12	1900875	D 1 20060	1 L 13
1900019	A 7 10000	1 G 10	1900876	D 1 20060	1 L 13
	A 7 10050	1 G 12	1900885	A 3 15050	1 C 6
1900020	A 7 10000	1 G 10	1900900	A 3 15050	1 C 6
	A 7 10050	1 G 12	1900902	F 1 10020	2 B 8
1900065	A 7 15475	1 H 10	1900903	A 9 20100	1 I 12
	A 7 40150	1 H 15	1900923	B 1 20050	1 J 18
1900083	A 7 15100	1 G 21	1900963	B 1 10040	1 J 7
	A 7 15150	1 G 23		B 1 10060	1 J 9
	A 7 15300	1 H 4	1900990	B 1 10040	1 J 7
	A 7 15375	1 H 6		B 1 10060	1 J 9
1900128	A 9 10075	1 I 3	1901000	F 2 10040	2 B 16
1900167	B 1 10040	1 J 7	1901018	A 9 10075	1 I 3
	B 1 10060	1 J 9	1901019	A 9 10075	1 I 3

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1901021	A 9 10075	1 I 3		A 1 10150	1 A 8
1901024	A 1 15025	1 A 16		A 1 10300	1 A 10
	A 1 15050	1 A 18		A 1 10310	1 A 12
1901079	B 1 10040	1 J 7		F 1 10040	2 B 10
	B 1 10060	1 J 9	1901701	A 1 25100	1 B 2
	B 1 15060	1 J 12	1901712	B 4 10060	1 K 15
	B 1 20150	1 J 20	1901718	A 1 20050	1 A 22
	B 3 10020	1 K 10		A 1 25100	1 B 2
	E 1 10040	1 L 16	1901722	A 1 25100	1 B 2
1901081	D 1 20060	1 L 13	1901739	C 1 10040	1 L 3
1901098	B 4 10040	1 K 13	1901749	F 2 51075	2 C 12
	B 4 10060	1 K 15	1901766	A 1 20050	1 A 22
1901340	A 7 15475	1 H 10	1901771	F 2 96850	2 D 17
1901345	A 3 20050	1 C 11	1901775	F 2 96800	2 D 15
1901352	A 3 20050	1 C 11		F 2 96850	2 D 17
1901359	A 3 20050	1 C 11	1901844	A 1 20050	1 A 22
1901362	A 1 10100	1 A 6	1901852	A 1 20050	1 A 22
	A 1 10150	1 A 8	1901854	A 1 20050	1 A 22
	A 1 10300	1 A 10	1901855	A 1 20050	1 A 22
	A 1 10310	1 A 12	1901856	A 1 20050	1 A 22
	B 4 10040	1 K 13	1901859	A 1 20050	1 A 22
	B 4 10060	1 K 15	1901972	A 1 25100	1 B 2
	B 4 10065	1 K 17	1901981	B 1 20050	1 J 18
1901378	A 1 10100	1 A 6		D 1 10030	1 L 8
	A 1 10150	1 A 8	1901993	F 2 51050	2 C 8
1901380	A 3 15050	1 C 6	1901994	F 2 51050	2 C 8
	A 3 15150	1 C 8	1902030	A 1 25100	1 B 2
1901385	A 9 10075	1 I 3	1902031	B 4 10040	1 K 13
1901396	A 9 10075	1 I 3		B 4 10060	1 K 15
1901398	A 7 15475	1 H 10		B 4 10065	1 K 17
	A 7 40150	1 H 15	1902034	C 1 10040	1 L 3
1901399	A 7 15475	1 H 10	1902035	C 1 10040	1 L 3
	A 7 40150	1 H 15	1902037	B 4 10040	1 K 13
1901442	A 7 10100	1 G 14		B 4 10060	1 K 15
1901444	A 7 10100	1 G 14		B 4 10065	1 K 17
1901445	A 7 10100	1 G 14	1902041	A 1 20050	1 A 22
1901446	A 7 10100	1 G 14		A 1 20115	1 A 24
1901447	F 1 20050	2 B 12	1902050	A 7 15100	1 G 21
	F 2 51050	2 C 8		A 7 15200	1 H 2
1901448	F 1 20050	2 B 12		A 7 15300	1 H 4
	F 2 51050	2 C 8	1902051	A 7 15100	1 G 21
1901460	A 8 10020	1 H 21		A 7 15300	1 H 4
	A 8 10040	1 H 23	1902052	A 6 10060	1 E 19
	A 9 10075	1 I 3	1902064	A 1 20050	1 A 22
1901461	A 7 15475	1 H 10	1902071	A 9 20100	1 I 12
	A 7 40150	1 H 15	1902072	A 9 20100	1 I 12
1901463	A 9 10075	1 I 3	1902094	F 2 92000	2 D 7
1901464	A 9 10075	1 I 3	1902106	A 7 15300	1 H 4
	D 1 10030	1 L 8		A 7 15375	1 H 6
	D 1 10300	1 L 10		A 7 15475	1 H 10
1901466	B 1 20050	1 J 18	1902169	F 2 90000	2 C 23
1901475	A 1 20050	1 A 22	1902171	A 1 25100	1 B 2
1901479	A 1 20050	1 A 22	1902275	F 2 51050	2 C 8
	A 1 20115	1 A 24		F 2 51075	2 C 12
1901494	A 8 10020	1 H 21	1902325	D 1 20060	1 L 13
	A 8 10040	1 H 23	1902328	A 3 20050	1 C 11
1901495	A 8 10020	1 H 21	1902352	A 3 20050	1 C 11
	A 8 10040	1 H 23	1902353	A 3 20050	1 C 11
1901502	D 1 10030	1 L 8	1902356	A 3 20050	1 C 11
1901505	B 1 10040	1 J 7	1902490	A 1 20115	1 A 24
	B 1 10060	1 J 9		G 1 10000	2 E 3
	B 1 20050	1 J 18	1902567	F 2 92000	2 D 7
	B 1 20150	1 J 20	1902570	F 2 92000	2 D 7
	B 1 20750	1 J 22	1902571	F 2 92000	2 D 7
1901528	A 1 10100	1 A 6	1902572	F 2 92000	2 D 7
1901538	E 2 30100	2 A 12	1902573	F 2 92000	2 D 7
1901542	B 1 20050	1 J 18	1902574	F 2 92000	2 D 7
	B 1 20150	1 J 20	1902593	F 2 92000	2 D 7
	B 1 20750	1 J 22	1902594	F 2 92000	2 D 7
1901550	B 2 10000	1 K 7	1902604	C 1 10040	1 L 3
	B 5 10000	1 K 20	1902613	A 1 10100	1 A 6
1901565	A 1 10100	1 A 6	1902615	F 2 51050	2 C 8
1901575	A 7 10100	1 G 14	1902616	F 2 51050	2 C 8
	A 7 15475	1 H 10	1902617	A 7 15100	1 G 21

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1902617	A 7 15150	1 G 23	1905051	A 1 15050	1 A 18
	A 7 15200	1 H 2	1905117	A 6 11010	1 E 22
1902719	A 1 20050	1 A 22	1905159	A 6 11010	1 E 23
1902750	A 6 11010	1 E 22	1905176	B 6 10000	1 K 22
1902755	A 6 11010	1 E 22		B 6 10020	1 K 24
1902756	A 6 11010	1 E 23		E 1 13000	1 L 22
1902769	E 1 10040	1 L 16		E 1 13050	1 L 24
	E 1 12000	1 L 18	1905398	B 1 20150	1 J 20
1902835	A 1 20115	1 A 24		B 3 10020	1 K 10
1902842	A 1 20115	1 A 24		E 1 10040	1 L 16
1902847	F 1 20050	2 B 12	1905399	E 1 10040	1 L 16
	F 1 20350	2 B 14	1905417	A 1 15050	1 A 18
1902848	A 1 20115	1 A 24	1905442	A 3 15050	1 C 6
	G 1 10000	2 E 3		A 3 15150	1 C 8
1902854	F 2 51050	2 C 8	1905501	A 10 12000	1 I 20
1902855	F 2 51050	2 C 8		E 2 70000	2 B 2
1902861	B 4 10040	1 K 13	1905507	B 6 10000	1 K 22
1902869	F 2 92000	2 D 7		B 6 10020	1 K 24
1902871	A 8 10020	1 H 21	1905513	B 6 10000	1 K 22
	A 8 10040	1 H 23		B 6 10020	1 K 24
1902877	B 2 10000	1 K 7	1905553	B 6 10000	1 K 22
	B 5 10000	1 K 20		B 6 10020	1 K 24
1902962	C 1 10040	1 L 3	1905619	A 10 10000	1 I 17
1902971	A 1 20115	1 A 24	1905644	D 1 10030	1 L 8
1902976	C 1 10040	1 L 3	1905646	B 5 10000	1 K 20
1903001	B 1 16000	1 J 15	1905652	B 5 10000	1 K 20
1903128	B 1 10060	1 J 9	1905655	B 5 10000	1 K 20
1903262	B 5 10000	1 K 20	1905685	A 6 11010	1 E 23
	B 6 10000	1 K 22		B 1 20050	1 J 18
	B 6 10020	1 K 24	1905687	D 1 10030	1 L 8
	E 1 13000	1 L 22		D 1 10300	1 L 10
	E 1 13050	1 L 24	1905762	A 1 10300	1 A 10
1903464	F 1 10020	2 B 8		A 1 10310	1 A 12
1903465	B 2 10000	1 K 7	1905766	A 1 10300	1 A 10
1903689	B 6 10000	1 K 22		A 1 10310	1 A 12
	B 6 10020	1 K 24	1905778	F 1 20350	2 B 14
	E 1 13000	1 L 22		F 2 51075	2 C 12
	E 1 13050	1 L 24	1905779	F 2 51075	2 C 12
1903693	B 1 20050	1 J 18	1905864	A 6 11010	1 E 22
	D 1 10030	1 L 8	1905923	E 2 80000	2 B 5
1903932	F 1 10040	2 B 10	1905942	A 10 10000	1 I 17
1904058	A 1 10150	1 A 8	1906032	F 1 20350	2 B 14
	A 1 10300	1 A 10		F 2 51075	2 C 12
	A 1 10310	1 A 12	1906183	D 1 10030	1 L 8
1904293	B 1 16000	1 J 15	1906238	B 6 10000	1 K 22
1904410	A 1 20050	1 A 22		B 6 10020	1 K 24
1904582	A 1 10100	1 A 6	1906257	F 1 10040	2 B 10
1904588	A 1 10300	1 A 10	1906258	E 1 10040	1 L 16
	A 1 10310	1 A 12		E 1 12000	1 L 18
1904594	A 1 10150	1 A 8	1906259	E 1 10040	1 L 16
1904595	A 1 10300	1 A 10		E 1 12000	1 L 18
	A 1 10310	1 A 12	1906286	A 6 11010	1 E 22
1904600	J 1 10000	2 F 1	1906357	E 2 70000	2 B 2
1904639	A 7 15200	1 H 2	1906369	A 6 11010	1 E 22
1904644	B 4 10040	1 K 13	1906370	A 6 11010	1 E 22
	B 4 10060	1 K 15	1906374	A 10 12000	1 I 20
1904645	B 4 10040	1 K 13		E 2 70000	2 B 2
1904646	B 4 10040	1 K 13	1906387	A 6 11010	1 E 22
1904695	A 1 10150	1 A 8	1906389	F 2 51050	2 C 8
1904700	A 1 10300	1 A 10	1906390	F 2 51050	2 C 8
	A 1 10310	1 A 12	1906408	A 10 10000	1 I 17
1904728	A 1 10150	1 A 8	1906452	A 1 20115	1 A 24
	A 1 10300	1 A 10	1906454	A 1 20115	1 A 24
	A 1 10310	1 A 12	1906455	A 1 20115	1 A 24
1904746	A 1 10300	1 A 10		G 1 10000	2 E 3
	A 1 10310	1 A 12	1906456	G 1 10000	2 E 3
1904747	A 1 10150	1 A 8	1906507	A 1 25100	1 B 2
1904748	A 1 10150	1 A 8	1906655	B 1 20750	1 J 22
1904807	A 6 11010	1 E 22	1906656	B 1 20750	1 J 22
1904810	A 6 11010	1 E 22	1906719	B 1 20750	1 J 22
1904929	F 2 92000	2 D 7	1906750	B 1 20750	1 J 22
1904958	F 1 10020	2 B 8	1906808	A 10 20000	1 I 23
1905005	E 1 10040	1 L 16	1906829	D 1 10030	1 L 8
	E 1 12000	1 L 18	1906840	B 1 20750	1 J 22
1905051	A 1 15025	1 A 16	1906841	B 1 20750	1 J 22

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1906946	A 10 20000	1 I 23	1908365	B 5 10000	1 K 20
1906965	E 2 80000	2 B 5	1908558	B 1 20750	1 J 22
1907000	B 6 10000	1 K 22	1908569	E 2 80000	2 B 5
1907026	A 1 10100	1 A 6	1908573	E 2 80000	2 B 5
	A 1 10150	1 A 8	1908574	E 2 80000	2 B 5
1907027	A 1 10100	1 A 6	1908704	A 8 10020	1 H 21
1907030	B 6 10000	1 K 22		A 8 10040	1 H 23
1907040	B 5 10000	1 K 20	1908705	A 8 10020	1 H 21
1907042	B 5 10000	1 K 20		A 8 10040	1 H 23
1907055	A 10 10000	1 I 17	1908725	A 1 10100	1 A 6
1907056	A 10 10000	1 I 17		A 1 10150	1 A 8
1907057	A 10 10000	1 I 17		A 1 10300	1 A 10
1907059	A 10 10000	1 I 17		A 1 10310	1 A 12
1907060	A 10 10000	1 I 17	1908730	G 1 10000	2 E 3
1907072	B 1 20750	1 J 22	1908768	G 1 10000	2 E 3
1907073	B 1 20750	1 J 22	1908769	G 1 10000	2 E 3
1907080	A 10 20000	1 I 23	1908770	G 1 10000	2 E 3
1907084	C 1 10040	1 L 3	1908773	G 1 10000	2 E 3
1907087	B 1 20750	1 J 22	1908781	B 1 10060	1 J 9
1907207	B 1 15060	1 J 12	1908800	A 7 10100	1 G 14
1907224	B 1 20750	1 J 22	1908806	F 2 80000	2 C 20
1907252	B 5 10000	1 K 20	1908858	F 2 40000	2 B 20
	E 1 12000	1 L 18		F 2 40050	2 B 22
1907267	A 10 10000	1 I 17	1908865	C 1 10060	1 L 5
1907288	B 1 15060	1 J 12	1908916	E 2 80000	2 B 5
1907440	B 6 10020	1 K 24	1908929	B 1 10060	1 J 9
1907482	E 1 13000	1 L 22	1908937	E 2 80000	2 B 5
1907485	E 1 13000	1 L 22	1908941	E 2 80000	2 B 5
1907486	E 1 13000	1 L 22	1908984	A 1 10150	1 A 8
1907487	E 1 13000	1 L 22	1909003	A 1 20050	1 A 22
1907507	A 10 20150	1 J 4		A 1 20115	1 A 24
1907510	B 1 10060	1 J 9	1909047	F 2 96800	2 D 15
1907570	E 1 13050	1 L 24		F 2 96900	2 D 19
1907572	E 1 13050	1 L 24	1909212	G 2 10000	2 E 5
1907574	E 1 13050	1 L 24	1909213	G 2 10000	2 E 5
1907576	E 1 13050	1 L 24	1909215	B 4 10060	1 K 15
1907578	A 4 20610	1 D 9		B 4 10065	1 K 17
	B 1 20150	1 J 20	1909246	G 5 10000	2 E 11
	B 1 23000	1 K 2	1909247	G 5 10000	2 E 11
	B 1 23150	1 K 4	1909248	G 5 10000	2 E 11
1907580	B 6 10020	1 K 24	1909249	G 5 10000	2 E 11
1907645	B 1 20050	1 J 18	1909250	G 5 10000	2 E 11
1907709	A 10 12000	1 I 20	1909256	G 1 10000	2 E 3
1907711	A 1 15050	1 A 18	1909257	G 1 10000	2 E 3
1907838	B 6 10000	1 K 22	1909260	G 1 10000	2 E 3
	B 6 10020	1 K 24	1909264	G 1 10000	2 E 3
1907841	B 6 10000	1 K 22	1909266	G 1 10000	2 E 3
	B 6 10020	1 K 24	1909367	E 2 80000	2 B 5
1907842	B 6 10000	1 K 22	1909414	B 1 20050	1 J 18
	B 6 10020	1 K 24	1909533	A 1 10300	1 A 10
1907886	C 1 10060	1 L 5		A 1 10310	1 A 12
1907930	F 2 96800	2 D 15	1909544	B 1 20750	1 J 22
	F 2 96850	2 D 17	1909557	B 4 10040	1 K 13
	F 2 96900	2 D 19	1909614	F 2 10100	2 B 18
	F 2 96950	2 D 21	1909627	B 4 10060	1 K 15
	F 2 97000	2 D 23	1909699	C 1 10060	1 L 5
1907935	F 2 96800	2 D 15		F 2 40050	2 B 22
	F 2 96850	2 D 17	1909742	A 9 20200	1 I 14
	F 2 96900	2 D 19	1909745	A 9 20200	1 I 14
	F 2 96950	2 D 21		A 10 20100	1 J 2
	F 2 97000	2 D 23		A 10 20150	1 J 4
1907943	F 2 50050	2 C 2	1909793	C 1 10060	1 L 5
1907944	F 2 50100	2 C 5	1909795	C 1 10060	1 L 5
1907974	A 1 10150	1 A 8	1909802	F 1 10040	2 B 10
1907981	A 1 10150	1 A 8	1909816	A 3 20050	1 C 11
1907984	A 1 10150	1 A 8	1909817	A 3 20050	1 C 11
1907996	G 1 10000	2 E 3	1909834	A 3 15150	1 C 8
1908108	A 1 10150	1 A 8	1909875	A 7 15475	1 H 10
1908109	A 1 10150	1 A 8	1909876	A 7 15475	1 H 10
1908122	B 4 10040	1 K 13	1909878	A 7 15475	1 H 10
	B 4 10060	1 K 15	1909947	A 9 20200	1 I 14
1908259	B 1 20750	1 J 22	1909992	F 2 51075	2 C 12
1908260	B 1 20750	1 J 22	1911507	F 1 20350	2 B 14
1908261	B 1 20750	1 J 22		F 2 51075	2 C 12
1908330	D 1 10300	1 L 10	1911508	F 2 51075	2 C 12

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1911511	F 2 51075	2 C 12	1914783	A 3 20100	1 C 13
1911514	A 1 10300	1 A 10	1914789	A 3 20100	1 C 13
1911520	A 1 10300	1 A 10	1914791	A 3 20100	1 C 13
	A 1 10310	1 A 12	1914817	A 7 15475	1 H 10
1911522	A 1 10300	1 A 10		A 7 40150	1 H 15
	A 1 10310	1 A 12	1914827	G 6 10000	2 E 13
1911528	A 5 50050	1 E 13	1914828	G 6 10000	2 E 13
	A 5 60025	1 E 16	1914830	G 6 10000	2 E 13
1911538	A 5 30100	1 E 3	1914831	G 6 10000	2 E 13
1911539	A 5 20050	1 D 23	1914832	G 6 10000	2 E 13
1911543	A 5 40475	1 E 8	1914833	G 6 10000	2 E 13
1911571	F 2 90050	2 D 2	1914834	G 6 10000	2 E 13
1911580	A 9 10075	1 I 3	1914835	G 6 10000	2 E 13
1911588	A 9 20200	1 I 14	1914836	G 6 10000	2 E 13
	A 10 20100	1 J 2	1914837	G 6 10000	2 E 13
	A 10 20150	1 J 4	1914850	B 1 20750	1 J 22
1911589	A 9 20200	1 I 14	1914877	G 2 10000	2 E 5
1911626	A 10 20100	1 J 2	1914880	G 2 10000	2 E 5
1911628	A 10 20100	1 J 2	1914882	G 2 10000	2 E 5
1911632	A 10 20100	1 J 2	1914884	G 2 10000	2 E 5
1911801	A 7 15375	1 H 6	1914886	G 2 10000	2 E 5
1911958	E 2 80000	2 B 5	1914887	G 2 10000	2 E 5
1911977	F 2 96850	2 D 17	1914888	G 2 10000	2 E 5
1913522	A 7 15475	1 H 10	1914891	G 2 10000	2 E 5
	A 7 40150	1 H 15	1914926	G 6 10000	2 E 13
1913562	A 7 15475	1 H 10	1914969	A 1 10300	1 A 10
	A 7 40150	1 H 15		A 1 10310	1 A 12
1913567	C 1 10060	1 L 5	1914970	A 1 10300	1 A 10
	F 2 40050	2 B 22		A 1 10310	1 A 12
1913569	F 2 40050	2 B 22	1914972	B 1 10060	1 J 9
1913574	F 2 40050	2 B 22		F 1 10040	2 B 10
1913575	F 2 40050	2 B 22	1914976	G 4 10000	2 E 9
1913583	F 2 40050	2 B 22	1914977	G 4 10000	2 E 9
1913592	C 1 10060	1 L 5	1914979	G 4 10000	2 E 9
1913645	A 7 15200	1 H 2	1914980	G 4 10000	2 E 9
1913760	C 1 10040	1 L 3	1914981	G 4 10000	2 E 9
1913761	C 1 10040	1 L 3	1914982	G 4 10000	2 E 9
1913767	F 2 90050	2 D 2	1914984	G 3 10000	2 E 7
1913781	E 2 80000	2 B 5	1914986	G 3 10000	2 E 7
1913783	E 2 80000	2 B 5	1914987	G 3 10000	2 E 7
1913786	E 2 80000	2 B 5	1914988	G 3 10000	2 E 7
1913819	A 3 20100	1 C 13	1914991	G 3 10000	2 E 7
1913913	G 2 10000	2 E 5	1914994	G 3 10000	2 E 7
	G 4 10000	2 E 9	1914995	G 3 10000	2 E 7
	G 5 10000	2 E 11	1914997	G 4 10000	2 E 9
	G 6 10000	2 E 13	1914998	G 4 10000	2 E 9
1914040	G 3 10000	2 E 7	1915000	G 4 10000	2 E 9
1914075	F 2 40050	2 B 22	1915001	G 4 10000	2 E 9
1914211	F 1 10040	2 B 10	1915002	G 4 10000	2 E 9
1914213	F 1 10040	2 B 10	1915003	G 4 10000	2 E 9
1914237	B 4 10060	1 K 15	1915005	G 2 10000	2 E 5
	B 4 10065	1 K 17	1915006	G 2 10000	2 E 5
1914240	A 7 25000	1 H 12	1915009	G 2 10000	2 E 5
1914243	A 9 10075	1 I 3	1915011	G 3 10000	2 E 7
1914255	F 2 96850	2 D 17	1915012	G 3 10000	2 E 7
	F 2 96900	2 D 19	1915013	G 3 10000	2 E 7
	F 2 96950	2 D 21	1915014	G 3 10000	2 E 7
	F 2 97000	2 D 23	1915017	G 3 10000	2 E 7
1914284	G 2 10000	2 E 5	1915018	G 3 10000	2 E 7
	G 3 10000	2 E 7	1915022	G 1 10000	2 E 3
	G 4 10000	2 E 9	1915023	G 1 10000	2 E 3
1914340	A 1 10150	1 A 8	1915027	G 1 10000	2 E 3
	A 1 10300	1 A 10	1915028	G 1 10000	2 E 3
	A 1 10310	1 A 12	1915029	G 1 10000	2 E 3
1914390	B 1 10060	1 J 9	1915030	G 1 10000	2 E 3
1914660	F 2 97000	2 D 23	1915033	G 3 10000	2 E 7
1914662	F 2 96900	2 D 19	1915035	G 3 10000	2 E 7
1914666	F 2 96800	2 D 15	1915037	G 3 10000	2 E 7
1914678	A 10 20100	1 J 2	1915039	G 3 10000	2 E 7
	A 10 20150	1 J 4	1915040	A 1 10300	1 A 10
1914717	F 2 96850	2 D 17		A 1 10310	1 A 12
1914725	A 10 20150	1 J 4	1915042	G 3 10000	2 E 7
1914728	A 10 20150	1 J 4	1915044	G 3 10000	2 E 7
1914731	A 10 20150	1 J 4	1915046	G 3 10000	2 E 7
1914780	A 3 20100	1 C 13	1915047	G 3 10000	2 E 7

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1915050	G 3 10000	2 E 7	1915780	A 3 20100	1 C 13
1915051	G 3 10000	2 E 7	1915785	A 3 20100	1 C 13
1915054	G 3 10000	2 E 7	1915786	B 1 10040	1 J 7
1915055	G 3 10000	2 E 7		B 1 10060	1 J 9
1915057	G 3 10000	2 E 7		E 1 10040	1 L 16
1915059	G 3 10000	2 E 7	1915983	A 3 15150	1 C 8
1915061	G 3 10000	2 E 7	1916034	A 3 20100	1 C 13
1915062	G 3 10000	2 E 7	1916060	A 3 20100	1 C 13
1915064	G 3 10000	2 E 7	1916061	A 3 20100	1 C 13
1915065	G 3 10000	2 E 7	1916062	A 3 20100	1 C 13
1915066	G 3 10000	2 E 7	1916142	F 2 50050	2 C 2
1915070	G 3 10000	2 E 7	1916232	E 1 13050	1 L 24
1915072	G 3 10000	2 E 7	1916233	E 1 13000	1 L 22
1915075	A 1 25100	1 B 2	1916441	B 5 10000	1 K 20
1915076	G 3 10000	2 E 7	1916442	A 7 15100	1 G 21
1915077	G 5 10000	2 E 11		A 7 15150	1 G 23
1915078	G 1 10000	2 E 3		A 7 15200	1 H 2
1915079	G 1 10000	2 E 3		A 7 15375	1 H 6
1915082	G 1 10000	2 E 3		A 7 15475	1 H 10
1915102	G 1 10000	2 E 3	1916476	C 1 10060	1 L 5
1915103	A 1 10300	1 A 10	1916648	F 2 96900	2 D 19
1915134	E 2 30650	2 A 17	1916685	A 7 10150	1 G 16
1915176	G 4 10000	2 E 9	1916708	F 2 60000	2 C 16
1915177	G 4 10000	2 E 9	1916718	A 7 15100	1 G 21
1915188	A 1 10300	1 A 10		A 7 15150	1 G 23
	A 1 10310	1 A 12		A 7 15200	1 H 2
1915200	G 3 10000	2 E 7		A 7 15375	1 H 6
1915203	G 3 10000	2 E 7		A 7 15400	1 H 8
1915205	B 1 10040	1 J 7		A 7 15475	1 H 10
	B 1 10060	1 J 9	1916765	A 7 15300	1 H 4
	B 3 10020	1 K 10		A 7 15375	1 H 6
	E 1 10040	1 L 16		A 7 15475	1 H 10
1915214	B 1 10040	1 J 7	1916841	A 7 15475	1 H 10
	B 1 10060	1 J 9	1916850	A 7 15150	1 G 23
1915219	E 2 70000	2 B 3	1916858	H 1 10050	2 E 16
1915221	E 2 70000	2 B 2	1916860	H 1 10050	2 E 16
1915233	B 4 10060	1 K 15	1916861	H 1 10050	2 E 16
1915236	B 4 10060	1 K 15	1916862	H 1 10050	2 E 16
	G 3 10000	2 E 7	1916863	H 1 10050	2 E 16
1915245	G 3 10000	2 E 7	1916864	H 1 10050	2 E 16
1915267	B 4 10060	1 K 15	1916865	H 1 10050	2 E 16
	B 4 10065	1 K 17	1916868	H 1 10050	2 E 16
1915299	A 10 12000	1 I 20	1916872	H 1 10050	2 E 16
1915301	A 10 12000	1 I 20	1916920	A 10 12000	1 I 20
1915346	A 10 20150	1 J 4		E 2 70000	2 B 2
1915347	A 9 14000	1 I 6	1916923	B 1 10060	1 J 9
1915349	A 9 14000	1 I 6	1916955	H 1 10050	2 E 16
1915352	A 9 14000	1 I 6	1916963	A 8 10020	1 H 21
1915353	A 9 14000	1 I 6		A 8 10040	1 H 23
1915354	A 9 14000	1 I 6	1916969	A 6 11010	1 E 22
1915375	B 1 20150	1 J 20	1916985	A 3 20100	1 C 13
1915382	B 1 20150	1 J 20	1916989	A 3 20100	1 C 13
1915388	E 2 50000	2 A 23	1917008	F 2 51075	2 C 12
1915391	A 9 14000	1 I 6	1917034	F 2 51075	2 C 12
1915392	A 9 14000	1 I 6	1917035	F 2 51075	2 C 12
1915393	A 9 14000	1 I 6	1917036	F 2 51075	2 C 12
1915423	B 1 20150	1 J 20	1917095	B 1 20050	1 J 18
1915428	B 1 20150	1 J 20	1917182	A 1 25100	1 B 2
1915429	A 9 14000	1 I 6	1917187	B 4 10060	1 K 15
1915438	D 1 10300	1 L 10		B 4 10065	1 K 17
1915462	B 1 20150	1 J 20	1917198	A 7 15200	1 H 2
1915482	B 1 20150	1 J 20	1917199	A 7 15200	1 H 2
1915526	B 1 20150	1 J 20	1917340	A 9 10075	1 I 3
1915542	A 9 14000	1 I 6	1917429	F 2 40050	2 B 22
1915566	A 10 20150	1 J 4	1917430	F 2 40050	2 B 22
1915569	A 9 14000	1 I 6	1917455	A 9 16050	1 I 9
1915631	A 9 14000	1 I 6	1917496	F 2 50100	2 C 5
1915658	A 9 14000	1 I 6	1917680	A 3 20100	1 C 13
1915696	A 10 12000	1 I 20	1917682	C 1 10060	1 L 5
1915715	A 9 14000	1 I 6	1917706	A 9 16050	1 I 9
1915756	A 9 10075	1 I 3	1917707	A 9 16050	1 I 9
1915771	A 3 20100	1 C 13	1917720	F 2 50050	2 C 2
1915773	A 3 20100	1 C 13	1917763	B 5 10000	1 K 20
1915775	A 3 20100	1 C 13	1917793	B 4 10040	1 K 13
1915777	A 3 20100	1 C 13	1917836	F 2 50100	2 C 5

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1918848	A 1 10300	1 A 10	1923939	F 2 60000	2 C 16
1918888	B 1 20150	1 J 20	1923960	B 3 10020	1 K 10
1918898	B 1 20150	1 J 20	1924106	F 2 60000	2 C 16
1918905	B 5 10000	1 K 20	1924108	F 2 60000	2 C 16
1918954	A 9 10075	1 I 3	1924109	F 2 60000	2 C 16
1919062	A 7 15200	1 H 2	1924110	F 2 60000	2 C 16
1919071	B 3 10020	1 K 10	1924117	F 2 60000	2 C 16
1919122	D 1 10030	1 L 8	1924246	A 7 15400	1 H 8
1919370	E 1 13050	1 L 24	1924485	A 7 15400	1 H 8
1919500	D 1 10030	1 L 8	1924487	A 5 40150	1 E 6
	D 1 10300	1 L 10	1924630	E 2 40000	2 A 20
1919557	B 4 10065	1 K 17	1924638	H 1 10050	2 E 16
1919766	B 1 10060	1 J 9	1924659	H 1 10050	2 E 16
1919809	A 7 15400	1 H 8	1924661	H 1 10050	2 E 16
1919811	A 7 15400	1 H 8	1924669	H 1 10050	2 E 16
1919897	B 1 15060	1 J 12	1925428	A 5 40500	1 E 10
1919915	D 1 10030	1 L 8	1925884	A 5 10220	1 D 20
	D 1 10300	1 L 10	1926324	A 7 15400	1 H 8
1919916	D 1 10030	1 L 8	1926421	A 7 15400	1 H 8
	D 1 10300	1 L 10	1926869	A 7 15400	1 H 8
1919951	A 6 11010	1 E 22	1926961	A 1 10150	1 A 8
1920078	B 1 15060	1 J 12		A 1 10300	1 A 10
1920970	H 1 10050	2 E 16		A 1 10310	1 A 12
1920971	A 7 15400	1 H 8	1926962	F 2 40050	2 B 22
1920974	A 7 15400	1 H 8	1927527	F 2 60000	2 C 16
1920975	A 7 15400	1 H 8	1927531	A 7 10050	1 G 12
1920995	A 9 10075	1 I 3	1927693	A 7 10200	1 G 18
1921048	H 1 10050	2 E 16	1928246	A 6 11010	1 E 22
1921049	H 1 10050	2 E 16	1928247	A 6 11010	1 E 22
1921050	H 1 10050	2 E 16	1928248	A 6 11010	1 E 22
1921051	H 1 10050	2 E 16	1928845	E 1 10040	1 L 16
1921052	H 1 10050	2 E 16		E 1 12000	1 L 18
1921053	H 1 10050	2 E 16	1929283	H 1 10050	2 E 16
1921275	A 1 15050	1 A 18	1929329	F 2 60000	2 C 16
1921429	H 1 10050	2 E 16	1929732	F 2 60000	2 C 16
1921430	H 1 10050	2 E 16	1930079	A 9 20200	1 I 14
1921450	F 2 60000	2 C 16	1930498	B 1 20150	1 J 20
1921453	F 2 60000	2 C 16	1930580	D 1 20060	1 L 13
1921455	F 2 60000	2 C 16	1931218	J 1 20000	2 F 3
1921457	F 2 60000	2 C 16	1931401	E 2 70000	2 B 2
1921458	F 2 60000	2 C 16	1932775	F 2 60000	2 C 16
1921908	A 7 15200	1 H 2	1935453	B 2 10000	1 K 7
1921909	A 7 15200	1 H 2	1937129	B 2 10000	1 K 7
1922371	A 1 10310	1 A 12	1937131	B 2 10000	1 K 7
1922460	A 1 10310	1 A 12	1937132	B 2 10000	1 K 7
1922597	J 1 20000	2 F 3	1937427	E 2 30200	2 A 15
1922792	F 2 60000	2 C 16	1938453	F 2 60000	2 C 16
1922795	F 2 60000	2 C 16	1938931	E 2 70000	2 B 3
1922797	F 2 60000	2 C 16	1990028	A 6 17050	1 F 8
1922815	B 4 10040	1 K 13	1990035	A 6 17050	1 F 8
	B 4 10060	1 K 15	1990036	A 6 17050	1 F 8
	B 4 10065	1 K 17	1990044	A 6 20050	1 F 14
1922838	F 2 60000	2 C 16	1990061	A 6 16050	1 F 6
1922839	F 2 60000	2 C 16	1990064	A 6 17050	1 F 8
1922855	F 2 60000	2 C 16	1990065	A 6 17050	1 F 8
1922862	F 2 60000	2 C 16	1990066	A 6 17050	1 F 8
1922863	F 2 60000	2 C 16	1990067	A 6 17050	1 F 8
1922864	F 2 60000	2 C 16	1990068	A 6 17050	1 F 8
1922884	F 2 60000	2 C 16		A 6 19050	1 F 12
1922885	F 2 60000	2 C 16	1990073	A 6 19050	1 F 12
1922886	F 2 60000	2 C 16	1990074	A 6 19050	1 F 12
1922918	B 4 10065	1 K 17	1990076	A 6 19050	1 F 12
1922919	B 4 10065	1 K 17	1990077	A 6 19050	1 F 12
1922932	B 4 10065	1 K 17	1990078	A 6 19050	1 F 12
1922934	B 4 10065	1 K 17	1990079	A 6 19050	1 F 12
1922961	B 4 10065	1 K 17	1990080	A 6 18050	1 F 10
1922969	F 1 20350	2 B 14	1990081	A 6 16050	1 F 6
1922971	F 1 20350	2 B 14	1990082	A 6 19050	1 F 12
1922984	B 4 10065	1 K 17	1990087	A 6 19050	1 F 12
1922992	B 4 10065	1 K 17	1990088	A 6 19050	1 F 12
1923075	B 1 16000	1 J 15	1990095	A 6 21050	1 F 16
1923097	A 1 10310	1 A 12	1990096	A 6 19050	1 F 12
1923871	B 1 10060	1 J 9	1990104	A 5 40475	1 E 8
1923914	G 3 10000	2 E 7	1990105	F 2 50100	2 C 5
1923921	A 10 12000	1 I 20	1990106	F 2 50050	2 C 2

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1990106	F 2 50100	2 C 5	1990183	E 2 30200	2 A 15
1990109	F 2 50050	2 C 2		E 2 30650	2 A 17
	F 2 50100	2 C 5	1990184	E 2 30100	2 A 12
1990111	A 5 20050	1 D 23		E 2 30200	2 A 15
1990114	A 5 30100	1 E 3		E 2 30650	2 A 17
1990117	A 7 10000	1 G 10	1990185	E 2 30100	2 A 12
	A 7 10050	1 G 12		E 2 30650	2 A 17
1990119	A 7 10000	1 G 10	1990186	E 2 30100	2 A 12
	A 7 10050	1 G 12	1990194	F 2 50050	2 C 2
1990120	A 7 10000	1 G 10		F 2 50100	2 C 5
	A 7 10050	1 G 12	1990195	A 7 10000	1 G 10
1990122	A 7 10000	1 G 10		A 7 10050	1 G 12
	A 7 10050	1 G 12	1990196	F 2 50050	2 C 2
1990124	A 5 50050	1 E 13	1990197	A 6 13000	1 F 2
	A 5 60025	1 E 16	1990198	A 6 13000	1 F 2
1990125	A 5 50050	1 E 13	1990199	A 6 13000	1 F 2
	A 5 60025	1 E 16	1990200	A 6 13000	1 F 2
1990126	A 5 50050	1 E 13	1990201	A 6 13000	1 F 2
	A 5 60025	1 E 16	1990232	A 6 16050	1 F 6
1990127	A 7 10000	1 G 10	1990233	A 7 10100	1 G 14
	A 7 10050	1 G 12	1990234	A 7 10100	1 G 14
1990128	A 7 10000	1 G 10	1990235	A 7 10100	1 G 14
	A 7 10050	1 G 12	1990236	A 7 10100	1 G 14
1990129	A 7 10000	1 G 10	1990237	A 7 10100	1 G 14
	A 7 10050	1 G 12	1990238	A 7 10100	1 G 14
1990130	A 7 10000	1 G 10	1990240	A 7 10100	1 G 14
	A 7 10050	1 G 12	1990241	A 7 10100	1 G 14
1990131	A 7 10000	1 G 10	1990242	A 7 10100	1 G 14
	A 7 10050	1 G 12	1990248	A 1 25100	1 B 2
1990133	A 6 17050	1 F 8	1990249	A 1 25100	1 B 2
1990134	F 2 50050	2 C 2	1990250	A 1 25100	1 B 2
	F 2 51050	2 C 8	1990255	A 6 16050	1 F 6
1990135	F 2 50050	2 C 2	1990257	A 6 13000	1 F 2
	F 2 51050	2 C 8	1990258	A 1 10100	1 A 6
1990137	A 6 13000	1 F 2	1990260	A 6 21050	1 F 16
1990138	A 6 13000	1 F 2	1990261	A 6 21050	1 F 16
1990139	A 6 13000	1 F 2	1990262	E 2 30650	2 A 17
1990140	A 6 13000	1 F 2	1990266	E 2 30100	2 A 12
1990141	A 6 13000	1 F 2		E 2 30200	2 A 15
1990142	A 6 13000	1 F 2	1990270	A 1 20050	1 A 22
1990144	A 6 13000	1 F 2	1990281	A 6 16050	1 F 6
1990145	A 6 13000	1 F 2	1990291	A 6 16050	1 F 6
1990147	A 6 13000	1 F 2	1990297	E 2 30650	2 A 17
1990148	A 6 13000	1 F 2	1990300	F 2 50050	2 C 2
1990149	A 6 13000	1 F 2		F 2 50100	2 C 5
1990152	A 6 13000	1 F 2	1990314	A 6 16050	1 F 6
1990154	A 6 13000	1 F 2	1990315	A 6 16050	1 F 6
1990159	A 6 20050	1 F 14	1990316	A 6 16050	1 F 6
	A 6 21050	1 F 16	1990317	A 6 16050	1 F 6
	A 6 21200	1 F 18	1990318	A 6 16050	1 F 6
1990160	A 6 20050	1 F 14	1990319	A 6 16050	1 F 6
	A 6 21050	1 F 16	1990322	A 6 16050	1 F 6
	A 6 21200	1 F 18	1990323	A 6 16050	1 F 6
1990161	A 6 16050	1 F 6	1990324	A 6 16050	1 F 6
	A 6 21050	1 F 16	1990325	A 6 19050	1 F 12
1990162	A 6 21050	1 F 16	1990328	A 6 19050	1 F 12
1990164	A 6 21050	1 F 16	1990329	A 6 19050	1 F 12
1990165	A 6 21050	1 F 16	1990331	A 6 18050	1 F 10
1990167	A 6 21050	1 F 16	1990332	A 6 18050	1 F 10
1990169	A 6 21050	1 F 16	1990333	A 6 18050	1 F 10
1990170	A 6 21050	1 F 16	1990334	A 6 18050	1 F 10
1990171	A 6 21050	1 F 16	1990335	A 6 18050	1 F 10
1990173	E 2 30100	2 A 12	1990336	A 6 18050	1 F 10
1990175	E 2 30100	2 A 12	1990337	A 6 18050	1 F 10
	E 2 30650	2 A 17	1990338	A 6 18050	1 F 10
1990176	E 2 30650	2 A 17	1990339	A 6 18050	1 F 10
1990177	E 2 30100	2 A 12	1990340	A 6 18050	1 F 10
	E 2 30650	2 A 17	1990341	A 6 18050	1 F 10
1990178	E 2 30100	2 A 12	1990344	A 6 17050	1 F 8
	E 2 30650	2 A 17	1990345	A 6 17050	1 F 8
1990179	E 2 30100	2 A 12	1990346	A 6 17050	1 F 8
	E 2 30650	2 A 17	1990347	A 6 17050	1 F 8
1990182	E 2 30100	2 A 12	1990348	A 6 17050	1 F 8
	E 2 30650	2 A 17	1990349	A 6 17050	1 F 8
1990183	E 2 30100	2 A 12	1990350	A 6 17050	1 F 8

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1990352	A 6 20050	1 F 14	1990560	E 2 70000	2 B 2
1990353	A 6 20050	1 F 14	1990564	E 2 70000	2 B 2
1990354	A 6 20050	1 F 14	1990565	E 2 70000	2 B 2
1990355	A 6 20050	1 F 14	1990566	E 2 70000	2 B 2
1990356	A 6 20050	1 F 14	1990567	E 2 70000	2 B 2
1990357	A 6 20050	1 F 14	1990568	E 2 70000	2 B 2
1990358	A 6 20050	1 F 14	1990569	E 2 70000	2 B 2
1990359	A 6 20050	1 F 14	1990571	E 2 70000	2 B 2
1990360	A 6 20050	1 F 14	1990572	E 2 70000	2 B 2
1990361	A 6 20050	1 F 14	1990573	E 2 70000	2 B 2
1990362	A 6 20050	1 F 14	1990574	E 2 70000	2 B 2
1990363	A 6 20050	1 F 14	1990575	E 2 80000	2 B 5
1990364	A 6 20050	1 F 14	1990594	B 6 10000	1 K 22
1990365	A 6 20050	1 F 14	1990595	B 6 10020	1 K 24
1990366	A 6 20050	1 F 14	1990596	E 2 70000	2 B 2
1990367	A 6 20050	1 F 14	1990604	A 7 15200	1 H 2
1990368	A 6 20050	1 F 14		B 4 10040	1 K 13
1990371	A 6 21200	1 F 18	1990605	E 2 80000	2 B 5
1990372	A 6 21200	1 F 18	1990606	E 2 70000	2 B 2
1990380	A 6 18050	1 F 10	1990628	E 2 70000	2 B 2
	A 6 20050	1 F 14	1990629	E 2 70000	2 B 2
1990381	A 6 18050	1 F 10	1990631	E 2 70000	2 B 3
1990382	A 6 21200	1 F 18	1990632	E 2 70000	2 B 3
1990391	A 6 20050	1 F 14	1990633	A 7 10100	1 G 14
1990392	A 6 19050	1 F 12	1990637	E 2 80000	2 B 5
1990398	B 4 10040	1 K 13	1990778	A 10 20000	1 I 23
1990399	B 4 10040	1 K 13	1990900	A 9 10075	1 I 3
1990402	A 6 13000	1 F 2		D 1 10030	1 L 8
1990403	A 6 13000	1 F 2	1990901	A 9 10075	1 I 3
1990404	A 6 13000	1 F 2		D 1 10030	1 L 8
1990428	D 1 10300	1 L 10	1990946	E 2 30100	2 A 12
1990436	J 1 20000	2 F 3	1990947	E 2 30100	2 A 12
1990470	A 6 17050	1 F 8	1990948	E 2 30100	2 A 12
1990471	A 6 17050	1 F 8		E 2 30650	2 A 17
1990472	A 6 17050	1 F 8	1990959	A 10 20000	1 I 23
1990476	J 1 10000	2 F 1	1990964	E 2 30650	2 A 17
1990501	F 2 50100	2 C 5	1990967	E 2 50000	2 A 23
1990502	F 2 50100	2 C 5	1990968	E 2 50000	2 A 23
1990503	F 2 50050	2 C 2	1990969	E 2 50000	2 A 23
	F 2 50100	2 C 5	1990970	E 2 50000	2 A 23
1990504	A 1 10100	1 A 6	1990971	E 2 50000	2 A 23
1990505	A 1 10100	1 A 6	1990972	E 2 50000	2 A 23
1990509	A 6 21200	1 F 18	1990973	E 2 50000	2 A 23
1990510	A 6 21200	1 F 18	1990974	E 2 20000	2 A 9
1990511	A 6 21200	1 F 18	1990975	E 2 20000	2 A 9
1990512	A 6 21200	1 F 18	1990976	E 2 20000	2 A 9
1990513	A 6 21200	1 F 18	1990977	E 2 20000	2 A 9
1990514	A 6 21200	1 F 18	1990978	E 2 20000	2 A 9
1990515	J 1 10000	2 F 1	1990979	E 2 20000	2 A 9
1990517	A 10 20000	1 I 23	1990980	E 2 20000	2 A 9
1990519	A 10 20000	1 I 23	1990981	E 2 20000	2 A 9
1990520	A 10 20000	1 I 23	1990982	E 2 20000	2 A 9
1990523	A 10 20000	1 I 23	1990983	E 2 20000	2 A 9
1990524	A 10 20000	1 I 23	1990984	A 9 14000	1 I 6
1990525	A 10 20000	1 I 23	1991017	G 1 10000	2 E 3
1990526	A 10 20000	1 I 23	1991028	A 6 13000	1 F 2
1990527	A 10 20000	1 I 23	1991030	F 1 20350	2 B 14
1990532	E 2 70000	2 B 2	1991031	F 1 20350	2 B 14
1990533	E 2 70000	2 B 2	1991044	E 2 70000	2 B 2
1990534	E 2 70000	2 B 2	1991050	B 1 10060	1 J 9
1990535	E 2 70000	2 B 2		B 1 15060	1 J 12
1990540	E 2 70000	2 B 2	1991086	E 1 10040	1 L 16
1990541	E 2 70000	2 B 2		E 1 12000	1 L 18
1990542	E 2 70000	2 B 2	1991089	E 1 13050	1 L 24
1990543	E 2 70000	2 B 2	1991112	E 2 30650	2 A 17
1990544	E 2 70000	2 B 2	1991157	A 1 10150	1 A 8
1990546	E 2 70000	2 B 2	1991210	A 7 10200	1 G 18
1990547	E 2 70000	2 B 2	1991311	A 5 40150	1 E 6
1990550	E 2 70000	2 B 2	1991313	A 5 40150	1 E 6
1990551	E 2 70000	2 B 2	1991318	H 1 10050	2 E 16
1990554	E 2 70000	2 B 2	1991319	E 2 40000	2 A 20
1990555	E 2 70000	2 B 2	1991321	A 7 10200	1 G 18
1990556	E 2 70000	2 B 2	1991322	A 7 10200	1 G 18
1990557	E 2 70000	2 B 2	1991323	A 7 10200	1 G 18
1990559	E 2 70000	2 B 2	1991324	A 7 10200	1 G 18

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1991325	A 7 10200	1 G 18	2531644	F 2 60000	2 C 16
1991326	A 7 10200	1 G 18	2553205	E 1 10040	1 L 16
1991327	A 7 10200	1 G 18		E 1 12000	1 L 18
1991829	F 2 96850	2 D 17	2553209	E 1 13000	1 L 22
	F 2 96900	2 D 19	2750296	A 6 11010	1 E 22
1991830	E 2 40000	2 A 20	3486395	E 2 20000	2 A 9
1991831	F 2 40000	2 B 20	3678178	J 1 10000	2 F 1
	F 2 40050	2 B 22	3678231	J 1 10000	2 F 1
1991877	H 1 10050	2 E 16	5291082	E 2 40000	2 A 20
1991878	H 1 10050	2 E 16	5291083	E 2 40000	2 A 20
1991879	H 1 10050	2 E 16	5291084	E 2 40000	2 A 20
1991880	H 1 10050	2 E 16	5291085	E 2 40000	2 A 20
1991881	H 1 10050	2 E 16	5291086	E 2 40000	2 A 20
1991920	A 6 13000	1 F 2	5291087	E 2 40000	2 A 20
1991923	A 6 13000	1 F 2	5299099	A 5 40150	1 E 6
1991937	F 2 50100	2 C 5		A 5 40500	1 E 10
1991951	A 5 40500	1 E 10	5299100	A 5 40150	1 E 6
1991953	A 5 40500	1 E 10		A 5 40500	1 E 10
1991954	A 5 10220	1 D 20	6002153	A 9 14000	1 I 6
1991955	A 5 10220	1 D 20	6190354	E 2 50000	2 A 23
1991995	J 1 20000	2 F 3	6191839	A 8 10020	1 H 21
1992017	J 1 10000	2 F 1		A 8 10040	1 H 23
1992018	J 1 10000	2 F 1	6191841	A 8 10020	1 H 21
1992113	A 7 15400	1 H 8		A 8 10040	1 H 23
1992140	J 1 10000	2 F 1	6515007	A 1 25100	1 B 2
1992190	E 2 30200	2 A 15			
1992191	E 2 30200	2 A 15			
1992210	A 7 15400	1 H 8			
1992214	J 1 50000	2 F 5			
1992215	J 1 50000	2 F 5			
1992216	J 1 50000	2 F 5			
1992217	J 1 50000	2 F 5			
1992218	A 8 10020	1 H 21			
	A 8 10040	1 H 23			
1992235	J 1 50000	2 F 5			
1992247	J 1 50000	2 F 5			
1992248	J 1 50000	2 F 5			
1992250	A 5 10220	1 D 20			
1992253	A 5 50050	1 E 13			
	A 5 60025	1 E 16			
1992254	A 5 20050	1 D 23			
1992340	J 1 10000	2 F 1			
1992349	E 2 70000	2 B 2			
1992350	E 2 70000	2 B 3			
1992351	E 2 70000	2 B 3			
1992354	J 1 20000	2 F 3			
1992366	J 1 50000	2 F 5			
1992367	J 1 50000	2 F 5			
1992368	J 1 50000	2 F 5			
1992391	E 2 30200	2 A 15			
1992397	E 2 30200	2 A 15			
1992434	E 2 30200	2 A 15			
1992435	E 2 30200	2 A 15			
1992449	J 1 10000	2 F 1			
	J 1 20000	2 F 3			
1992450	J 1 50000	2 F 5			
1992453	J 1 10000	2 F 1			
1992457	E 2 30200	2 A 15			
2106470	A 4 10600	1 C 18			
2106473	A 4 20610	1 D 9			
2107398	A 4 10600	1 C 19			
	A 4 20610	1 D 9			
2107447	A 4 14950	1 C 21			
	A 4 15000	1 C 23			
	A 4 15600	1 D 2			
	A 4 15610	1 D 4			
2502452	J 1 10000	2 F 1			
2506407	E 1 10040	1 L 16			
	E 1 12000	1 L 18			
2520346	D 1 20060	1 L 13			
2522107	F 2 40000	2 B 20			
2522744	F 2 40000	2 B 20			
2522745	F 2 40000	2 B 20			
2524589	F 1 20050	2 B 12			
2524789	F 1 20050	2 B 12			