

666C
SKIDDER
PARTS
MANUAL
No. 6540

Information contained herein pertains to
Machine serial numbers listed below:

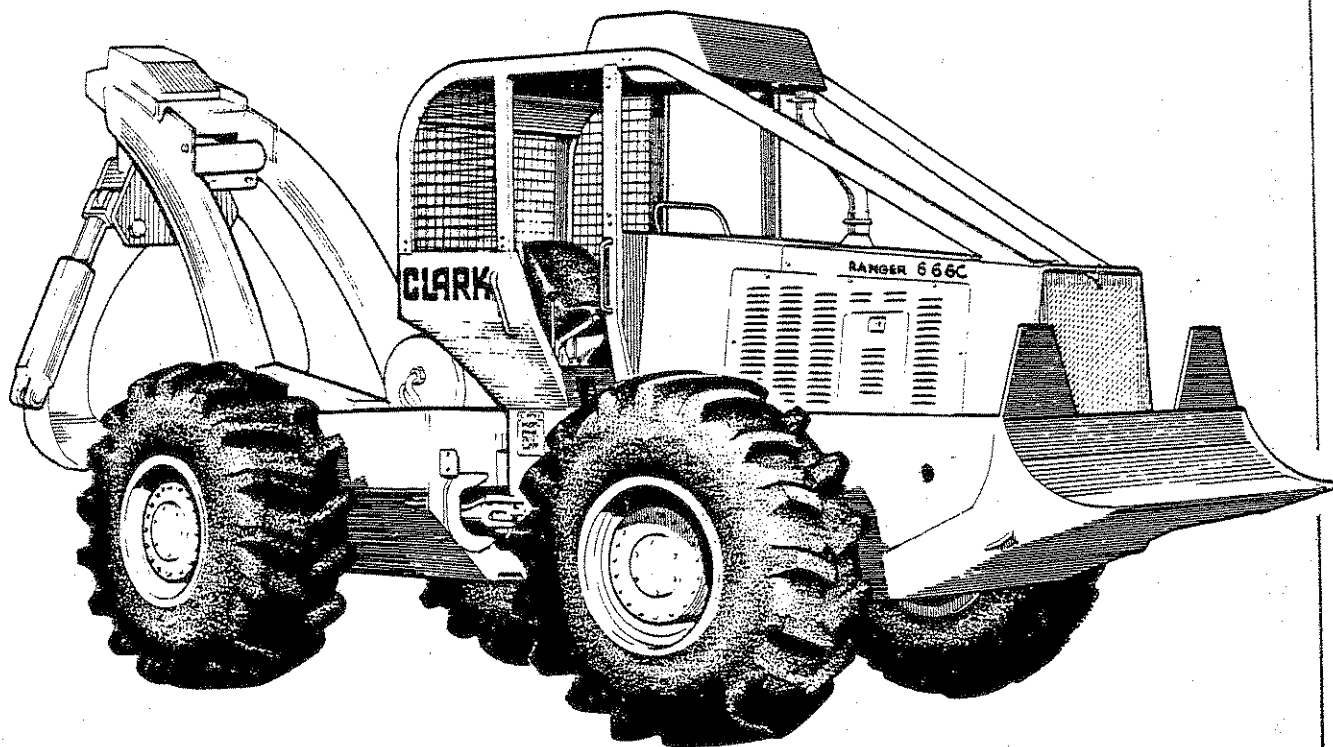
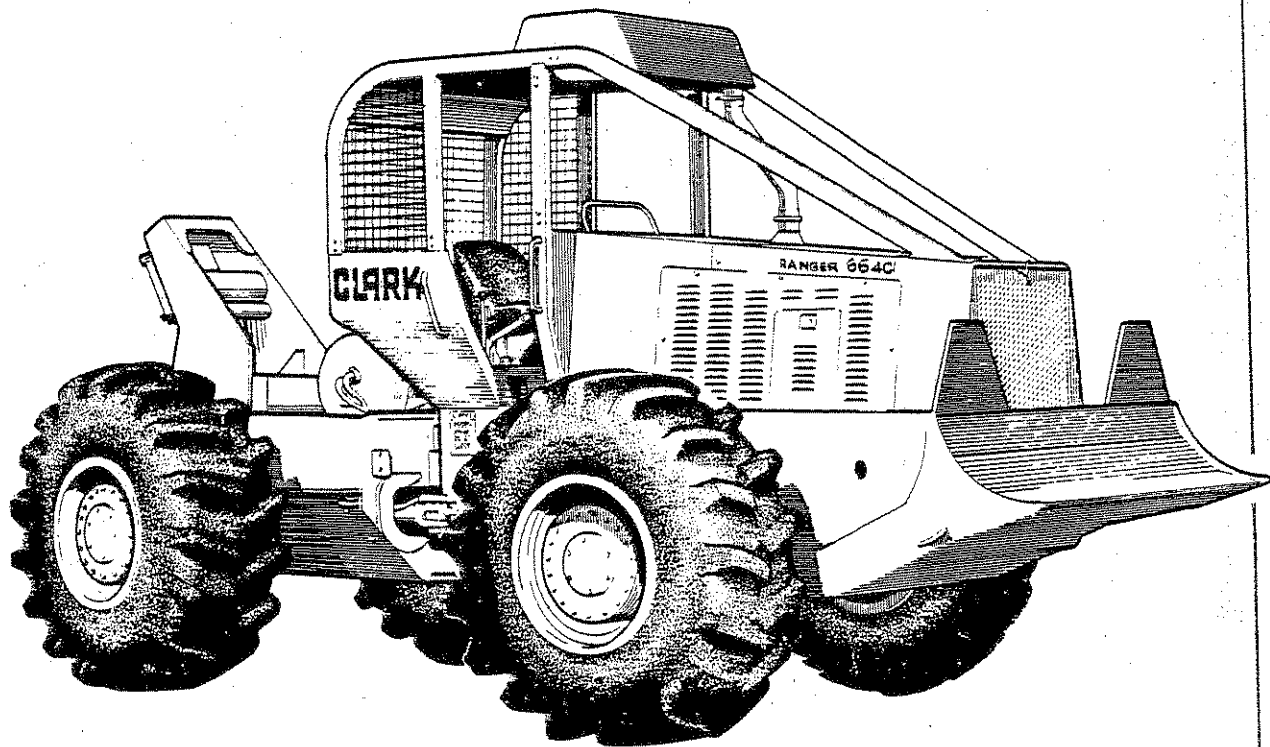
CABLE DETROIT - 513H
CABLE DETROIT - 526H

GRAPPLE DETROIT - 515H
GRAPPLE DETROIT - 542H

CABLE CUMMINS - 500H

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 fabrikerhergestellten 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 EXPEDICAO completas para evitar demora em entrega. Verifique a sua encomenda assim que receber as pecas.

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

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

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

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

SYMBOLS

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

SYMBOLES

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

ZEICHENERKLÄRUNG

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

SIMBOLOS

○	Veja índice
●	No caso 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	overid	overload
comprsr	compressor	pin	pinion
conv	converter	press	pressure
crdle	cradle	prop	propeller
Cum	Cummins	psi	pounds per square inch
cyl	cylinder	RH	right hand
diff	differential	RD	rear drive
emgcy	emergency	RFM	Ranger Field Modification
eng	engine	RSG	Ranger Service Gram
ext	extension	rops	Roll over Protection
F	front		structure
FD	front drive	ref	reference
ftg	fitting	relf	relief
fwd	Forwarder	rif	relief
GM	General Motors	S/N	serial number
gr	Grapple	swb	swamp buggy
harn	harness	supr'sn	suppression
hd	head	T	turbo
hd	heavy duty	temp	temperature
hsg	housing	trans	transmission
hyd	hydraulic	viv	valve
hyd brk & valv assy	hydraulic brake & valve assembly	wt	wide tract

ABBREVIATIONS

adm.....	admission	inf.....	inferieur
arb.....	arbre	int.....	interieur
AR.....	arriere	Intér.....	interrupteur
art.....	articulé	lge.....	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	red.....	réduction
couv.....	couvercle	refroid.....	refroidisseur
déc.....	décalcamanie	reg.....	régulateur
déch.....	décharge	renf.....	renford
dém.....	démarreur	rep.....	réparation
diff.....	differential	res.....	réservoir
direct.....	direction	RFM.....	Modification sur Place Ranger
disj.....	disjonteur	roul.....	roulement
élé.....	élément	sec.....	section
embr.....	embrayage	sens.....	sensible
engr.....	engrenage	soi.....	solenóide
ens.....	ensemble	soup.....	soupape
étan.....	étancheite	temp.....	temperature
ext.....	exterieur	trs.....	trousse
filt.....	filtre	univ.....	universel
hyd.....	hydraulique	vibr.....	vibrations
inc.....	inclus	vit.....	vitesse

ABREVIATURAS

acess	accessorio	indic	indicador
acopl	acoplimento	Inf.	inferior
adapt	adaptador	Inst	instrumentos
aglom	aglomerado	Int.	interior
alim	alimentao	Inter	interruptor
aloj	alojamento	jgo	jgo
alter	alternador	LD	lado direito
amort	amortecedor	LE	lado esquerdo
arr	arruela	lmp	limpador
artil	articulao	lubr	lubrificao
asp	aspirao	manôm	manmetro
bat	bateria	med	medidor
bxo	baixo	mot	motor
calib	calibre	pá-br	pra-brisas
carr	carregador	paraf	parafuso
cent	central	pres	presso
chav	chaveta	prot	proteo
cil	cilindro	rad	radiador
comb	combustvel	refor	reforcador
comp	compressor	reg	regulador
condic	condicionador	rep	reparo
conj/cj	conjunto	resp	respirador
contr	controle	revs	reservatrio
conv	conversor	RFM	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
est	estrico	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		

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

Einh Einheit
 E-z Einsatz

Geh Gehuse
 Ges Geschwindigkeit
 Getr Getriebe

H Hinten
 Hltrg Halterung
 Hyd Hydraulik

Komp Kompressor
 Kontr Kontrolle
 Konv Konverter
 Kppl Kupplung
 Krftst Kraftstoff

L Links
 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
 Treibrmn Treibriemen
 Trom Trommel

Univ Unversal

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

Wand Wandler
 Wnkl Winkel

Zu Zufluss
 Zug Zugmaschine
 Zyl Zylinder

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ABREVIATURAS

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

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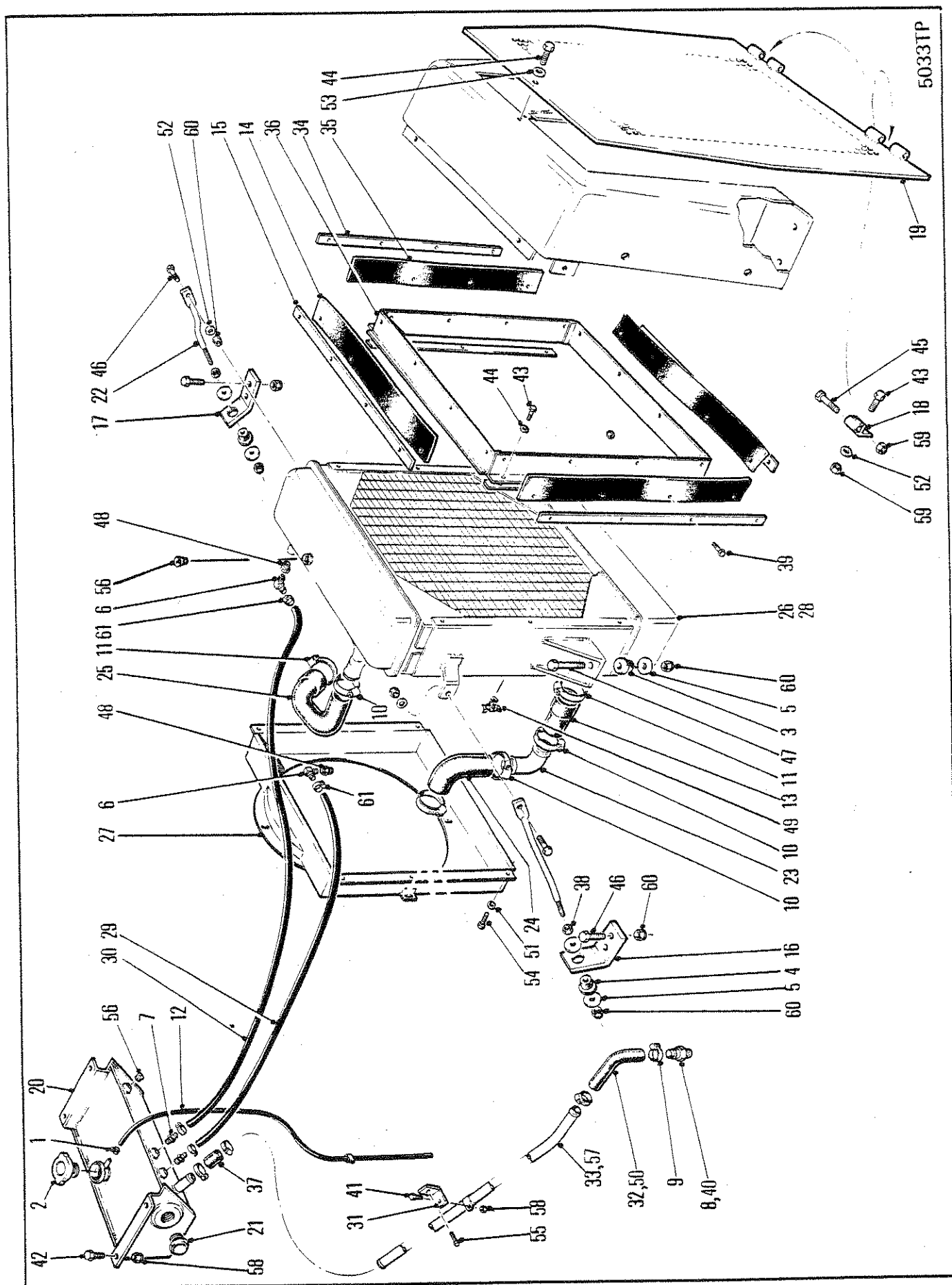
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RADIATOR & CONNECTIONS
RADIATEUR & CONNEXION
KÜHLER & VERBINDUNGEN
RADIADOR & CONEXÕES
RADIADOR & CONEXIONES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	42H000006	1	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	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	666838	2	Elbow	coude	Winkelrohr	cotovêlo	codo
7	666863	2	Connector	raccord	Verbindungsstück	ligador	conector
8	667288	1	Connector	raccord	Verbindungsstück	ligador	conector
9	42H000020	4	Clamp	pince	Schelle	braçadeira	abrazadera
10	42H000010	5	Clamp	pince	Schelle	braçadeira	abrazadera
11	42H000040	2	Clamp	pince	Schelle	braçadeira	abrazadera
12	1904058	1	Tube	tube	Rohr	tubo	tubo
13	1904700	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1905762	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
15	1911520	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
16	1914969	1	Bracket	support	Winkel	grampo	grampa
17	1914970	1	Bracket	support	Winkel	grampo	grampa
18	1919426	2	Angle	angle	Winkel	ângulo	angulo
19	1919429	1	Grille	grille	Grill	grade	careta
20	1919489	1	Surge tank	réservoir d'expansion	Buffertank	tanque de compens	tq golpe sobren
21	1921604	1	Gauge	jauge	Instrument	calbrador	medidor
22	1921693	2	Rod	tige	Stange	varão	varilla
23	1921885	1	Tube	tube	Rohr	tubo	tubo
24	1921886	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	1921887	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
26	10 1922459	1	Radiator	radiateur	Kühler	radiador	radiador
27	1931290	1	Rear shroud	capot arriere	Hintere Haube	aro de ref tras	cubierta tras
28	2 1927087	1	Radiator	radiateur	Kühler	radiador	radiador
29	1923842	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1923843	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	1923861	1	Bracket	support	Winkel	grampo	grampa
32	1923862	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
33	1923863	1	Tube	tube	Rohr	tubo	tubo
34	1924241	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
35	1924242	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
36	1924243	1	Front shroud	capot avant	Vord Haube	arco de ref diant	cubierta delant
37	1M008030	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
38	8D000008	2	Nut	écrou	Mutter	porca	tuerca
39	17C000412	16	Bolt	boulon	Bolzen	parafuso	bulón
40	3 1932110	1	Connector	raccord	Verbindungsstück	ligador	conector
41	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
42	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
43	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
44	17C001020	1	Bolt	boulon	Bolzen	parafuso	bulón
45	17C008112	2	Bolt	boulon	Bolzen	parafuso	bulón

1 McCord □513H-101→1018-CAC, 515H-101→920-CAC

2 Long Manufacturing □513H-1019-CAC→, 515H-921-CAC→

3 □542H-622-CAC→, 513H-3136-CAC→, 515H-1020-CAC→

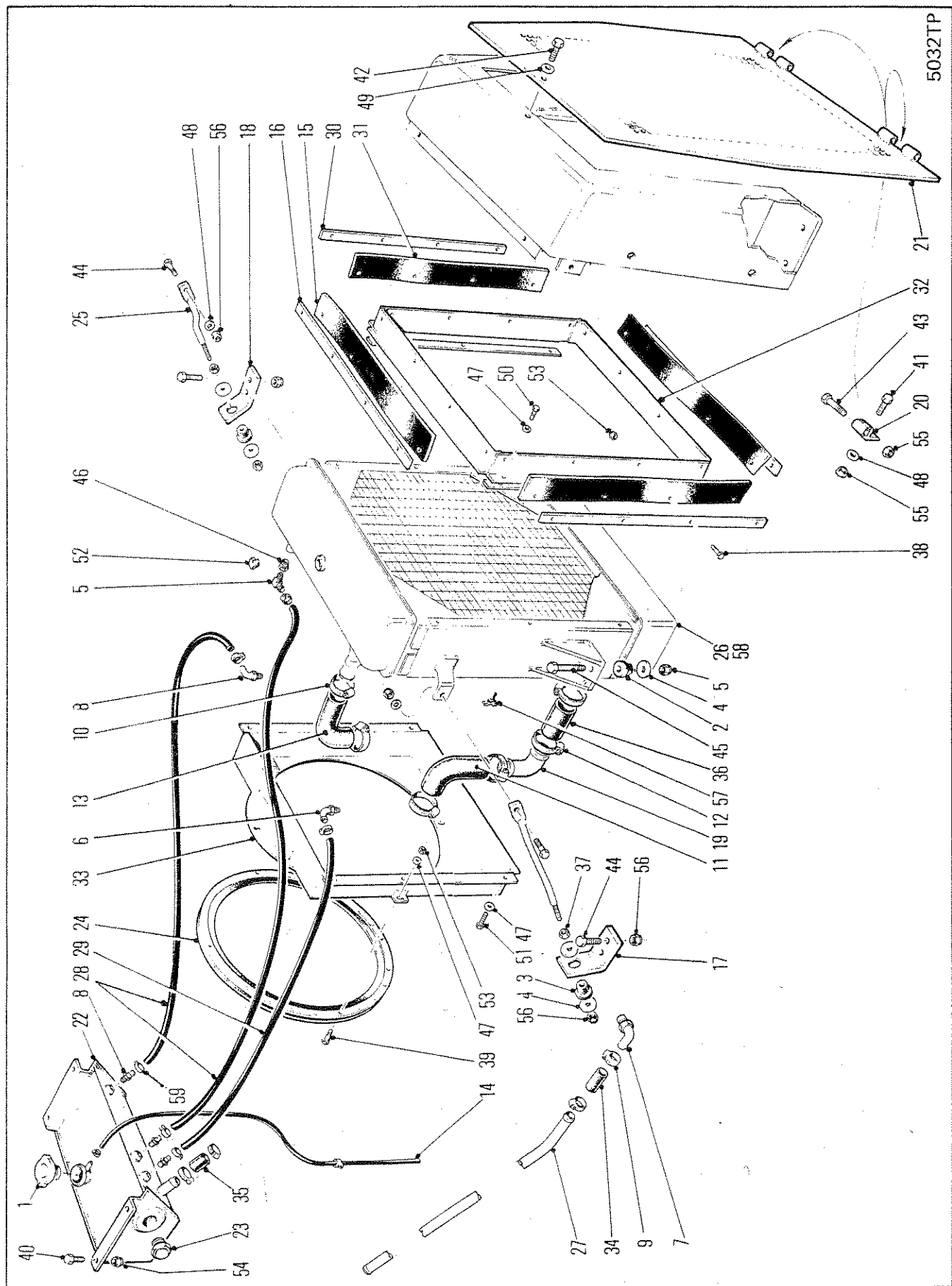
RADIATOR & CONNECTIONS
RADIATEUR & CONNEXION
KÜHLER & VERBINDUNGEN
RADIADOR & CONEXÕES
RADIADOR & CONEXIONES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	18C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
47	18C000844	2	Bolt	boulon	Bolzen	parafuso	bulón
48	19F000001	2	Reducer bushing	bague réductrice	Reduziernipple	bucha de redução	armad reductor
49	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
50	31M008020	1	Tube	tube	Rohr	tubo	tubo
51	25E000013	12	Washer	rondelle	Scheibe	arruela	arandela
52	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
53	27E000010	5	Washer	rondelle	Scheibe	arruela	arandela
54	33C000410	24	Bolt	boulon	Bolzen	parafuso	bulón
55	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
56	40K000002	2	Plug	bouchon	Stopfen	bujão	tapón
57	31932109	1	Tube	tube	Rohr	tubo	tubo
58	85D000006	5	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
59	85D000008	4	Nut	écrou	Mutter	porca	tuerca
60	86D000008	10	Nut	écrou	Mutter	porca	tuerca
61	6515575	4	Clamp	pince	Schelle	bracadeira	abrazadera

¹ McCord □513H-101→1018-CAC, 515H-101→920-CAC

² Long Manufacturing □513H-1019-CAC→, 515H-921-CAC&→

³ □542H-622-CAC→, 513H-3136-CAC→, 515H-1020-CAC&→



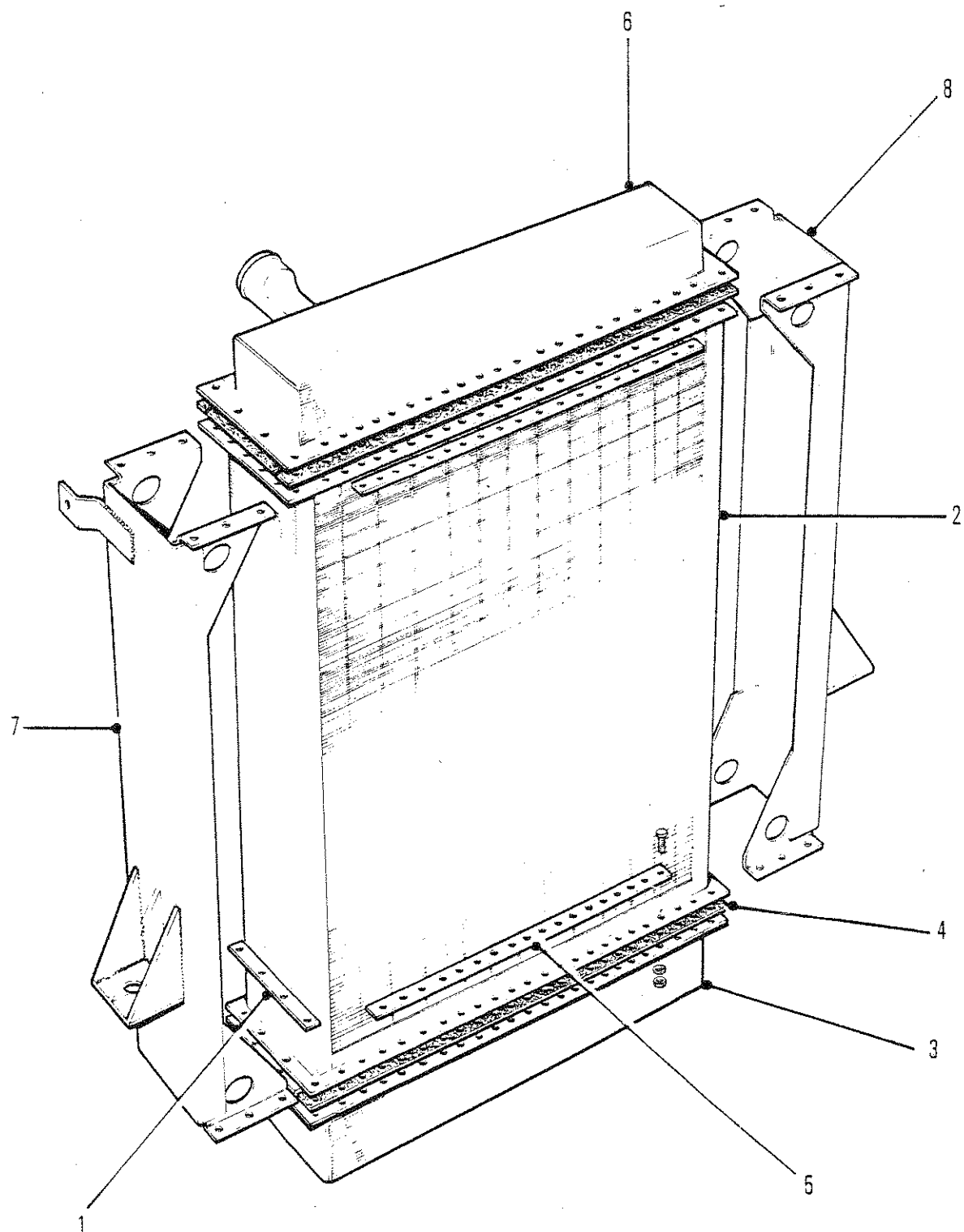
5032TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1926961	1	Cap	chapeau	Kappe	tampa	tapa
2	569739	2	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
3	584501	2	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
4	616796	4	Washer	rondelle	Scheibe	arruela	arandela
5	666838	1	Connector	raccord	Verbindungsstück	ligador	conector
6	666850	1	Connector	raccord	Verbindungsstück	ligador	conector
7	666857	1	Connector	raccord	Verbindungsstück	ligador	conector
8	666838	4	Connector	raccord	Verbindungsstück	ligador	conector
9	42H000020	4	Clamp	pince	Schelle	braçadeira	abrazadera
10	42H000032	2	Clamp	pince	Schelle	braçadeira	abrazadera
11	792231	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	42H000036	4	Clamp	pince	Schelle	braçadeira	abrazadera
13	1902347	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1904058	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905762	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
16	1911520	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
17	1914969	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
18	1914970	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
19	1918518	1	Tube	tube	Rohr	tubo	tubo
20	1919426	2	Angle	angle	Winkel	ângulo	angulo
21	1919429	1	Grille	grille	Grill	grade	careta
22	1919489	1	Surge tank	réservoir d'expansion	Buffertank	tanque de compens	tq golpe sobren
23	1921604	1	Gauge	jauge	Instrument	calbrador	medidor
24	1921621	1	Ring	anneau	Ring	anel	anillo
25	1921693	2	Rod	tige	Stange	varão	varilla
26	1922459	1	Radiator	radiateur	Kühler	radiador	radiador
27	1923683	1	Tube	tube	Rohr	tubo	tubo
28	1923843	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	1923844	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
30	1924241	2	Support strip	bande du support	Stützstreifen	tira de apoio	tira de soporte
31	1924242	2	Rubber strip	bande de caoutchouc	Gummistriefen	tira de borracha	tira de goma
32	1924243	1	Front shroud	capot avant	Vord Haube	arco de ref diant	cubierta delant
33	1924389	1	Rear shroud	capot arriere	Hintere Haube	aro de ref tras	cubierta tras
34	1M008030	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	1M008060	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
36	1M018030	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
37	8D000008	2	Nut	écrou	Mutter	porca	tuerca
38	17C000412	16	Bolt	boulon	Bolzen	parafuso	bulón
39	17C000416	4	Bolt	boulon	Bolzen	parafuso	bulón
40	17C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
41	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
42	17C001020	1	Bolt	boulon	Bolzen	parafuso	bulón
43	17C008112	2	Bolt	boulon	Bolzen	parafuso	bulón
44	18C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
45	18C000844	2	Bolt	boulon	Bolzen	parafuso	bulón
46	19F000001	1	Reducer	réducteur	Reduzierstück	reductor	reductor
47	25E000013	28	Washer	rondelle	Scheibe	arruela	arandela
48	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
49	27E000010	5	Washer	rondelle	Scheibe	arruela	arandela
50	33C000410	12	Bolt	boulon	Bolzen	parafuso	bulón
51	33C000412	12	Bolt	boulon	Bolzen	parafuso	bulón
52	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón
53	85D000004	20	Nut	écrou	Mutter	porca	tuerca
54	85D000006	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
55	59D000008	4	Nut	écrou	Mutter	porca	tuerca
56	86D000008	10	Nut	écrou	Mutter	porca	tuerca
57	72F000002	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
58	201927087	1	Radiator	radiateur	Kühler	radiador	radiador
59	42H000006	6	Clamp	pince	Schelle	braçadeira	abrazadera

¹ McCord □500H-101→735-CAC

² Long Manufacturing □500H-736-CAC&→



5108TP

RADIATOR ASSEMBLY
RADIATEUR, ENSEMBLE
KÜHLER, VOLLST
CONJUNTO DO RADIADOR
CONJUNTO DEL RADIADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1922459	1	Radiator	radiateur	Kühler	radiador	radiador
1	1991867	4	Strip	ruban	Band	faixa	tira
2	1991996	1	Core	noyau	Innenteil	núcleo	núcleo
3	1991110	1	Bottom tank	réservoir inférieur	Unterer Tank	reservatório inferior	depósito inferior
4	1991849	5	Gasket	garniture	Dichtung	gaxeta	empacquetadura
5	1991863	4	Strip	ruban	Band	faixa	tira
6	1991864	1	Top tank	réservoir supérieur	Oberer behälter	tanque superior	tanque superior
7	1991865	1	Channel-RH	canal, droit	Rechter Kanal	canal direito	canal derecho
8	1991866	1	Channel-LH	canal, gauche	Linker Kanal	canal esquerdo	canal izquierdo
9	1991985	1	Grid	grille	Grill	greiha	rejilla

¹ Inc 1 → 9

² Cut to required length

² Coupé à la longueur requise

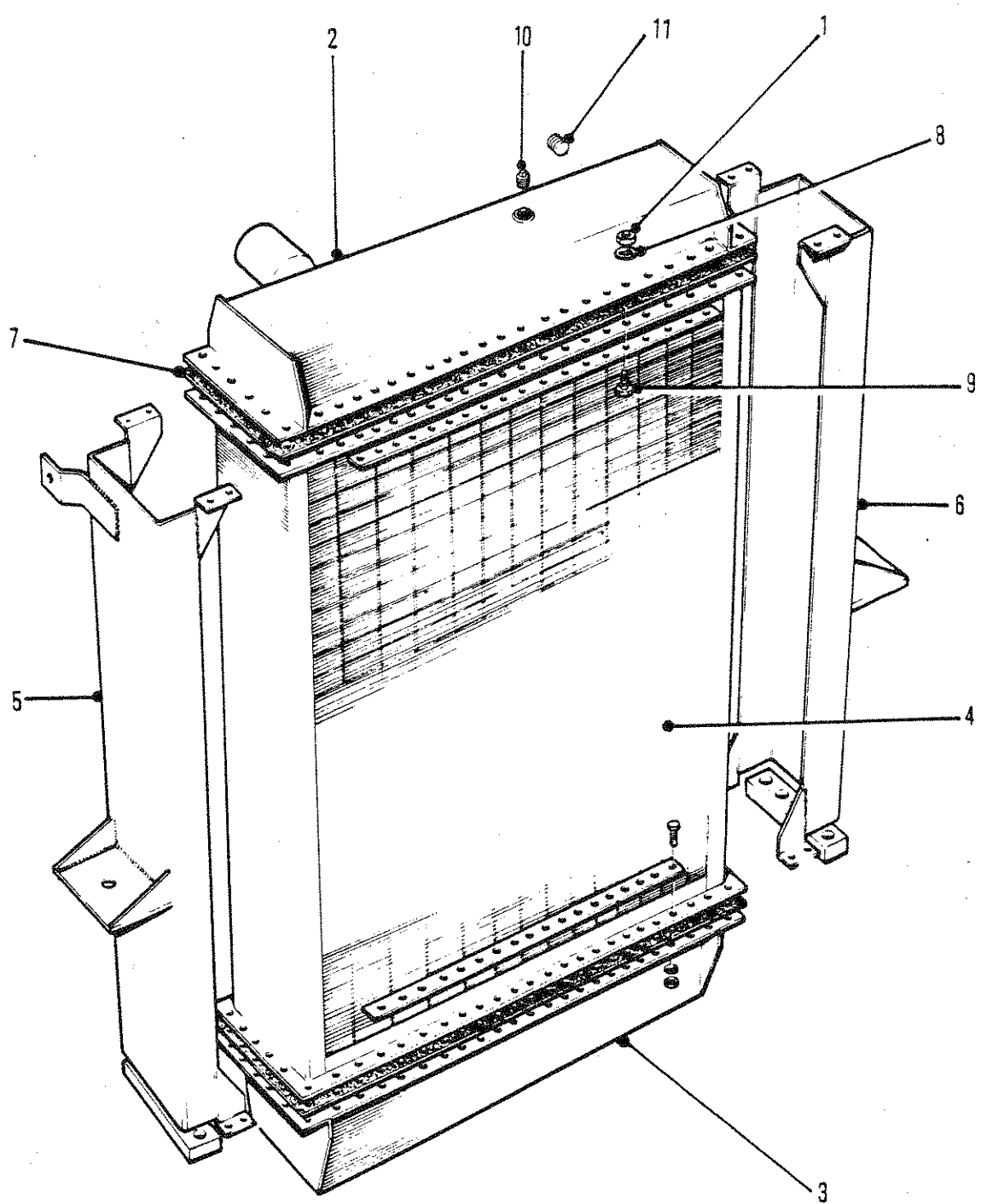
² Auf die gewünschte Länge zugeschnitten

² Cortar a la longitud adecuada

² Corte até ao comprimento requerido

666CUM
666GM
666GMGR

500H-101-CAC → 500H-735-CAC
513H-101-CAC → 513H-1018-CAC
515H-101-CAC → 515H-920-CAC



5105TP

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

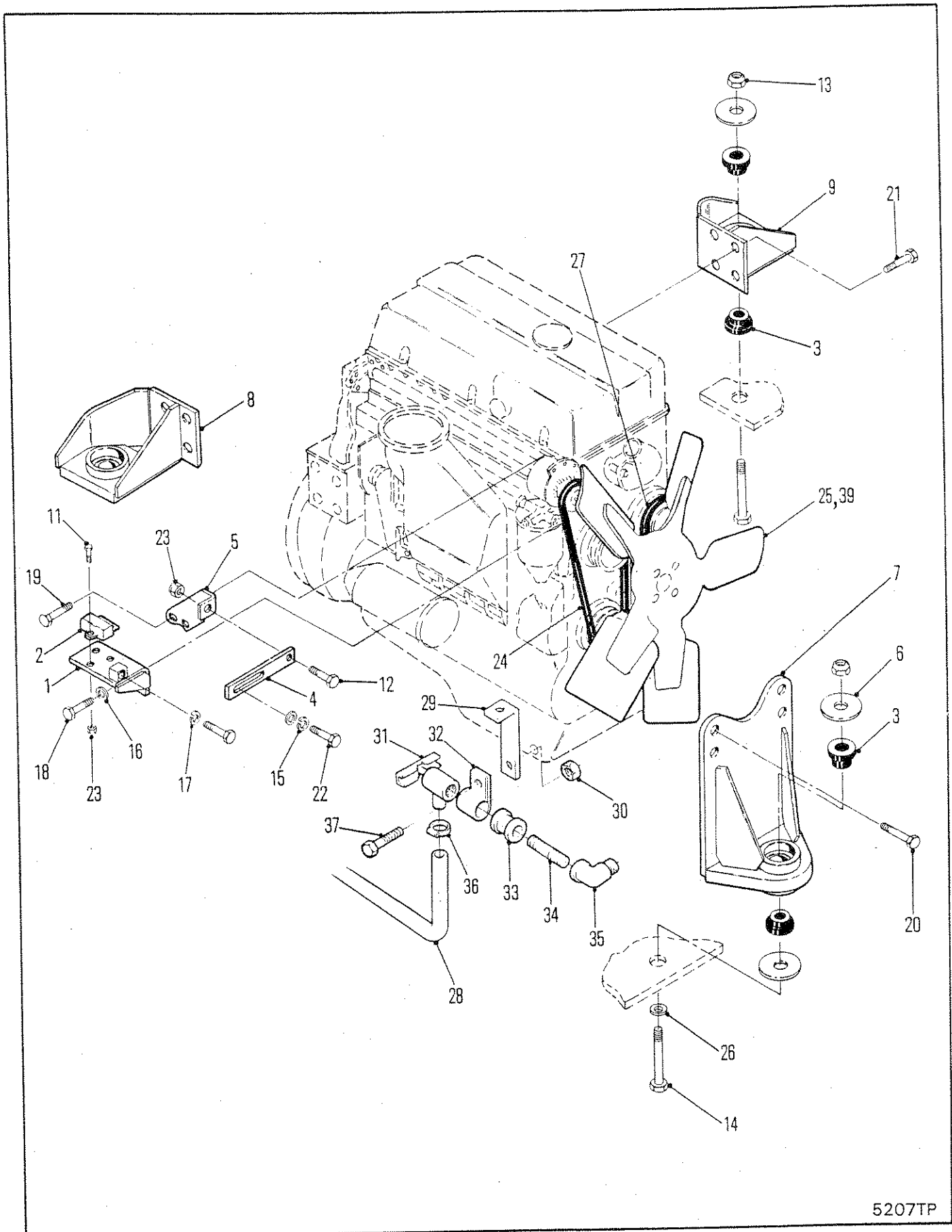
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927087	1	Radiator assy	radiateur ens	Kühler vollst	radiador conj	radiador conj
1	63D000005	78	Nut	écrou	Mutter	porca	tuerca
2	1992031	1	Top tank	réservoir superieur	Oberer behlter	tanque superior	tanque superior
3	1992030	1	Bottom tank	reservoir inférieur	Unterer Tank	reservatório inferior	depósitor inferior
4	1992026	1	Core	noyau	Innenteil	núcleo	núcleo
5	1992028	1	Channel-RH	canal,droit	Rechter Kanal	canal direito	canal derecho
6	1992029	1	Channel-LH	canal,gauche	Linder Kanal	canal esquerdo	canal izquierdo
7	1992027	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
8	23E000005	78	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	17C000516	49	Bolt	boulon	Boizen	parafuso	bulón
10	40K000004	2	Plug	bouchon	Stopfen	bujão	tapón
11	40K000002	1	Plug	bouchon	Stopfen	bujão	tapón

1 Long Manufacturing

666CUM
666GM
666GMGR

500H-736-CAC→500H-9999-CAC
513H-1019-CAC→513H-9999-CAC
515H-921-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC



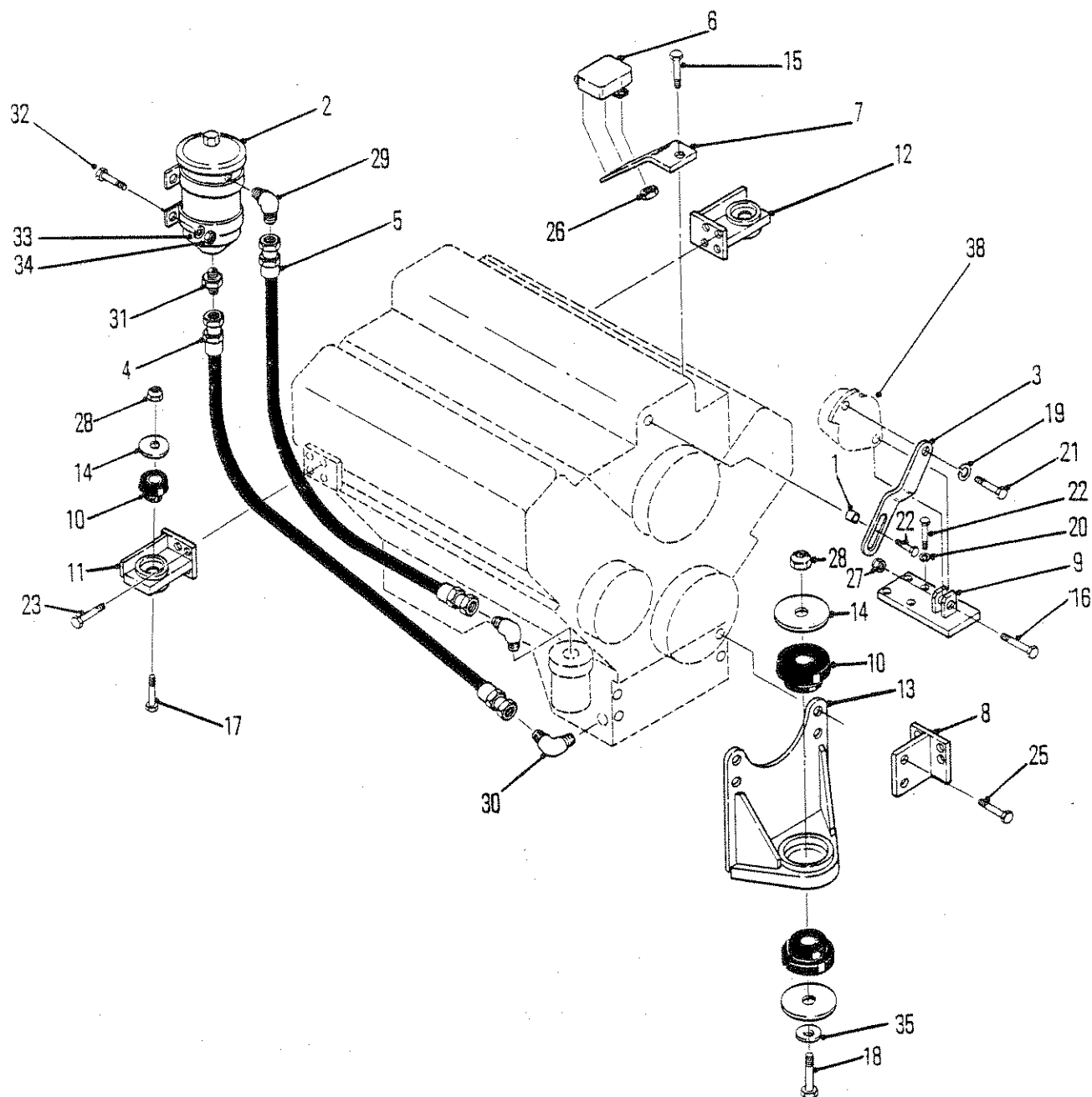
5207TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	21905417	1	Bracket	support	Winkel	grampo	grampa
2	21917496	1	Load dump	bascul de chargem	Lade-Kippvorrichtung	descarga de la presión	disposit carga entuihr
3	1921221	6	Rubber mount	mont de caoutchouc	Gummibefestigung	montagem borracha	montura de caucho
4	21921275	1	Strap	bande	Band	faixa	banda
5	21921276	1	Bracket	support	Winkel	grampo	grampa
6	1922486	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	1922501	1	Engine mount	support moteur	Motorbefestigung	suporte motor	pata motor
8	1922525	1	Engine mount	support moteur	Motorbefestigung	suporte motor	pata motor
9	1922537	1	Engine mount	support moteur	Motorbefestigung	suporte motor	pata motor
10	21990105	1	Pulley	poulie	Riemenscheibe	polia	polea
11	217C000412	3	Bolt	boulon	Bolzen	parafuso	bulón
12	217C000514	2	Bolt	boulon	Bolzen	parafuso	bulón
13	59D000010	3	Nut	écrou	Mutter	porca	tuerca
14	17C001072	3	Bolt	boulon	Bolzen	parafuso	bulón
15	225E000015	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
16	227E000006	3	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	227E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
18	233C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
19	233C000622	2	Bolt	boulon	Bolzen	parafuso	bulón
20	33C000660	4	Bolt	boulon	Bolzen	parafuso	bulón
21	33C000824	8	Bolt	boulon	Bolzen	parafuso	bulón
22	234C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
23	59D000004	4	Nut	écrou	Mutter	porca	tuerca
24	0-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correa do alternador	Correa del alternador
25	11924521	1	Fan	ventilateur	Ventilator	ventilador	ventilador
26	27E000010	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
27	0-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent
28	2656248	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
29	21931867	1	Bracket	support	Winkel	grampo	grampa
30	259D000005	1	Nut	écrou	Mutter	porca	tuerca
31	21917998	1	Valve	soupape	Ventil	válvula	válvula
32	26H000036	1	Clip	attache	Schelle	braçadeira	abrazadera
33	275F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
34	25K000440	1	Nipple	raccord	Nippel	niple	niple
35	226F000004	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	242H000010	1	Clamp	pince	Schelle	braçadeira	abrazadera
37	217C000516	1	Bolt	boulon	Bolzen	parafuso	bulón
38	0-----	-	Alternator	alternateur	Alternator	alternador	alternador
39	5208016	1	Fan	ventilateur	Ventilator	ventilador	ventilador

- 1 ☒ Suction Fan
1 ☒ Ventilateur d'aspiration
1 ☒ Ansaugventilator
1 ☒ Ventoinha de sucção
1 ☒ Ventilador succión

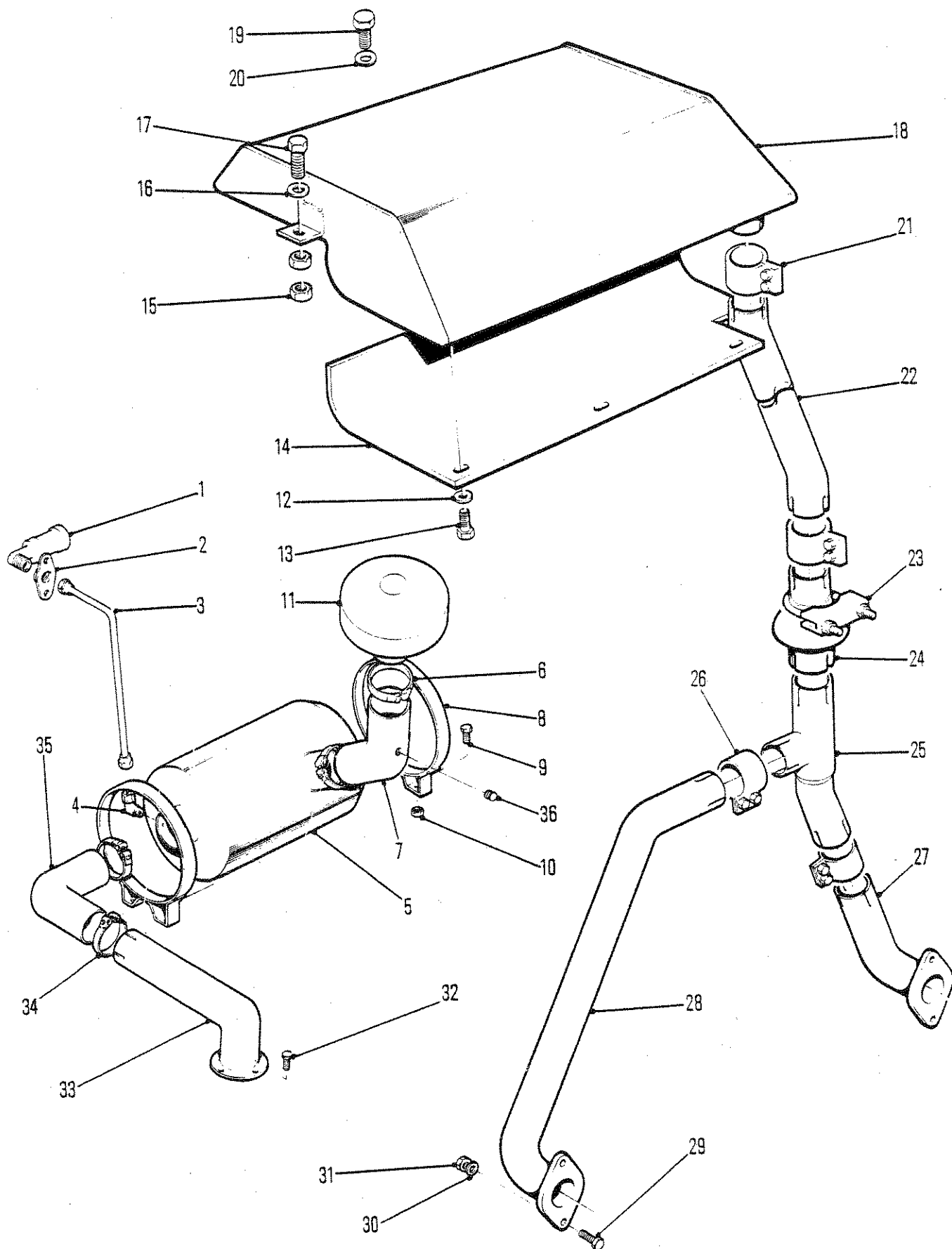
2 ☐ 513H-101 → 3136-CAC, 515H-101 → 1020-CAC, 542H-101 → 522-CAC



5216TP

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

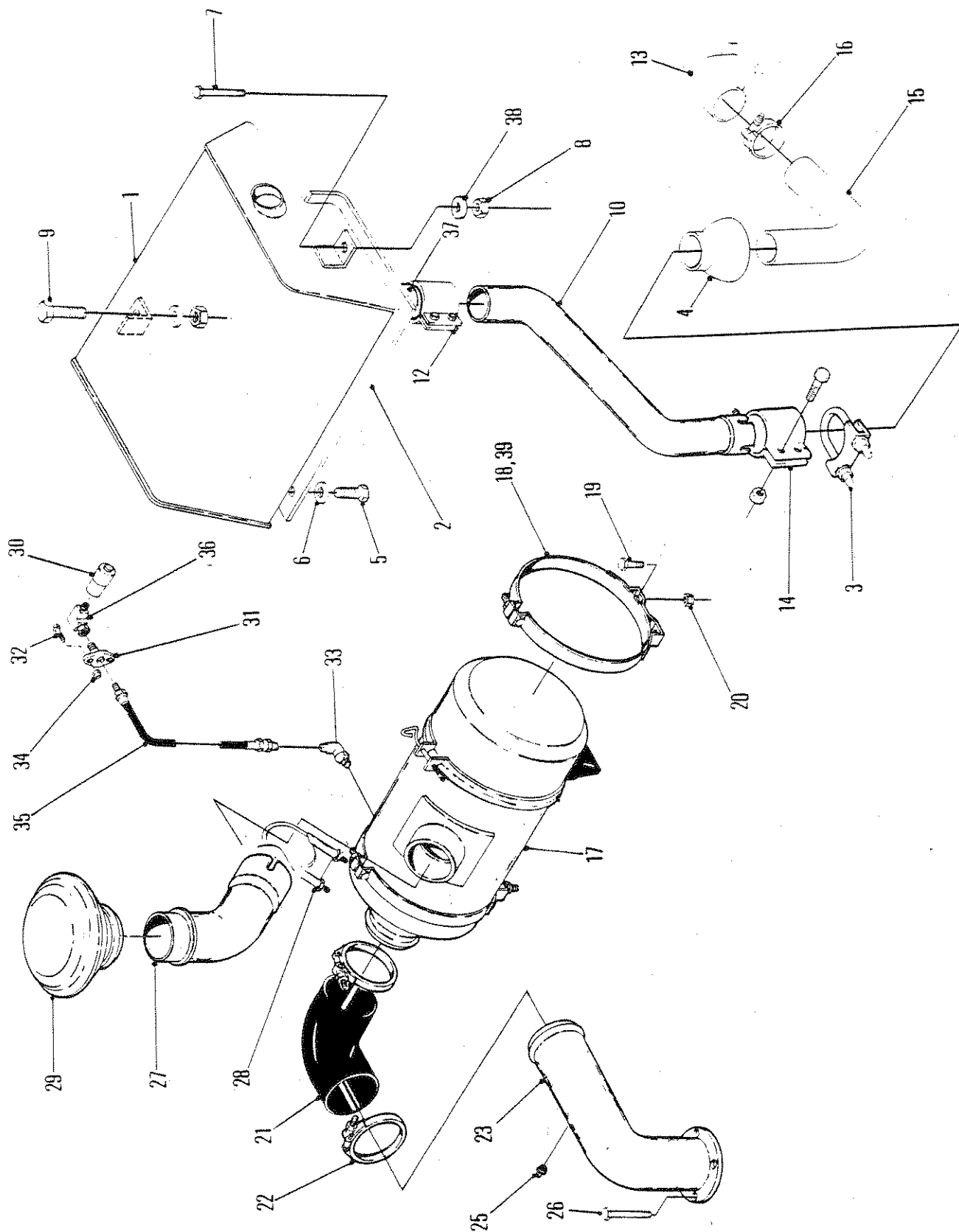
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	209915	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
2	○-----	-	Filter	filtre	filter	filtro	filtro
3	1914233	1	Strap	bande	Band	faixa	banda
4	1914824	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1914825	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1917496	1	Load dump	bascui de chargem	Lade-Kippvorrichtung	descarga de la presión	disposit carga entuhr
7	1917836	1	Bracket	support	Winkel	grampo	grampa
8	1920145	1	Bracket	support	Winkel	grampo	grampa
9	1920986	1	Bracket	support	Winkel	grampo	grampa
10	1921221	6	Mount	support	Befestigung	apoio	montura
11	1922480	1	Bracket assy RH	ens support CD	Winkel vollst R	conj soporte LD	conj soporte LD
12	1922481	1	Bracket assy LH	ens support CG	Winkel vollst L	conj soporte LE	conj soporte LI
13	1922485	1	Engine mount	support moteur	Motorbefestigung	suporte motor	pata motor
14	1922486	4	Flat	méplat	Fläche	bloco plano	planchuela
15	17C000412	3	Bolt	boulon	Bolzen	parafuso	bulón
16	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
17	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
18	17C001072	3	Bolt	boulon	Bolzen	parafuso	bulón
19	25E000015	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
21	33C000514	1	Bolt	boulon	Bolzen	parafuso	bulón
22	33C000620	5	Bolt	boulon	Bolzen	parafuso	bulón
23	33C000828	8	Bolt	boulon	Bolzen	parafuso	bulón
24	33C000836	2	Bolt	boulon	Bolzen	parafuso	bulón
25	33C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
26	59D000004	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
27	59D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
28	59D000010	3	Nut	écrou	Mutter	porca	tuerca
29	83F000004	2	Elbow	coude	Winkelrohr	cotovêlo	codo
30	83F000006	2	Elbow	coude	Winkelrohr	cotovêlo	codo
31	89F000004	1	Connector	raccord	Verbindungsstück	ligador	conector
32	○-----	-	Bolt	boulon	Bolzen	parafuso	bulón
33	○-----	-	Washer	rondelle	Scheibe	arruela	arandela
34	○-----	-	Nut	écrou	Mutter	porca	tuerca
35	27E000010	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
36	±○-----	-	Fan belt	courr ventil	Treibrmn Vent	corr vent	corr vent
37	±○-----	-	Alt belt	Courroie d'alternateur	Alternatorriemen	Correia do alternador	Correa del alternador
38	○-----	-	Alternator	alternateur	Alternator	alternador	alternador



6253TP

AIR CLEANER MUFFLER & MOUNTING
FILTRE À AIR - SILENCEUX & MONTAGE
LUFTFILTER AUSPUFFDÄMPFER & MONTAGE
AMORTECEDOR DO FILTRO DE AR & SUPORTE
SILENCEADOR DEL FILTRO DE AIRE & SOPORTE

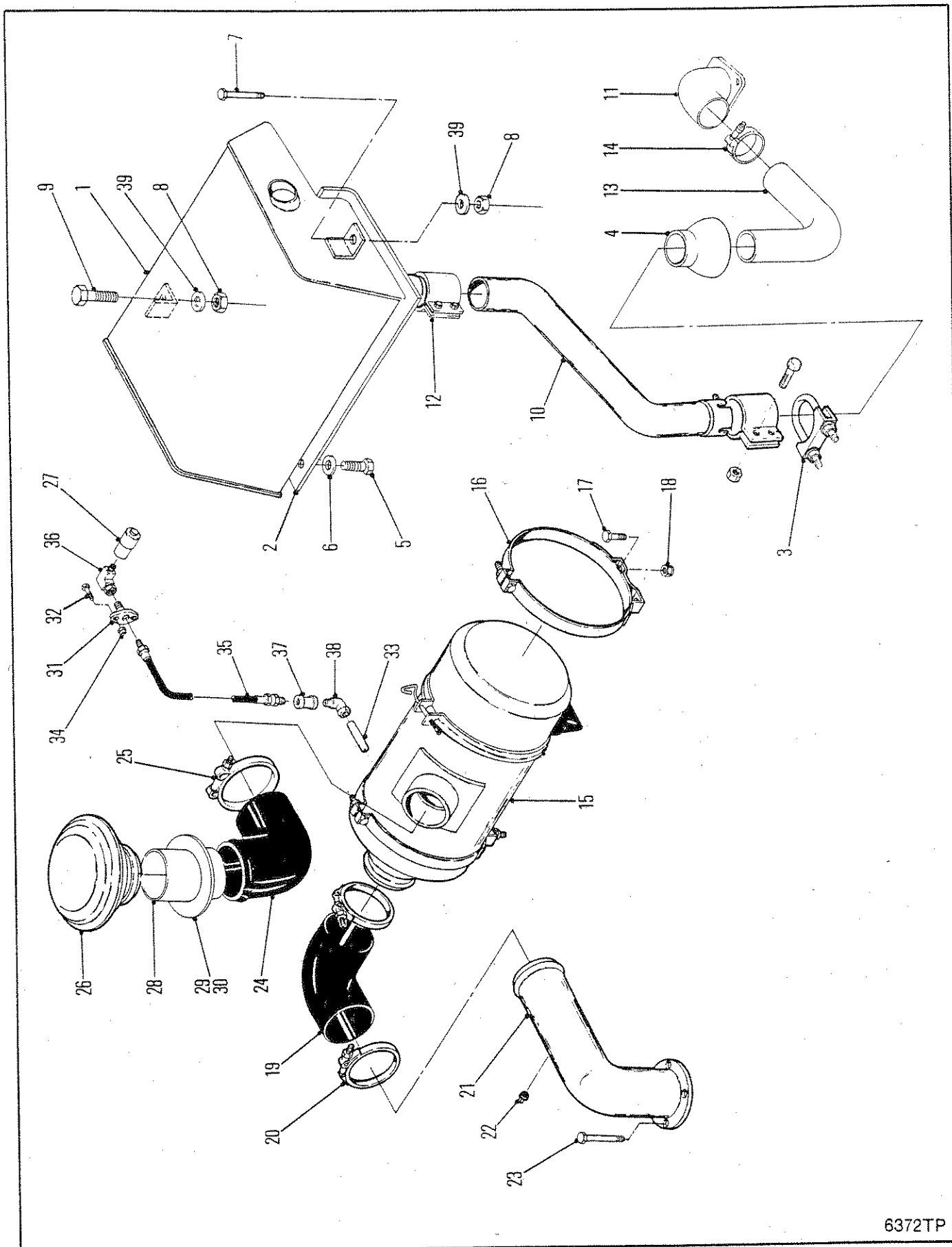
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	6515007	1	Indicator	indicateur	Messer	indicador	indicador
2	1901972	1	Flange	bride	Flansch	flange	brida
3	1917182	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	85F000004	1	Elbow	coude	Winkelrohr	cotovêlo	codo
5	0-----	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
6	539042	2	Clamp	pince	Schelle	braçadeira	abrazadera
7	1926444	1	Elbow	coude	Winkelrohr	cotovêlo	codo
8	941474	2	Band	bande	Band	banda	banda
9	17C000616	4	Bolt	boulon	Boizen	parafuso	bulón
10	85D000006	4	Nut	écrou	Mutter	porca	tuerca
11	511512	1	Cap	chapeau	Kappe	tampa	tapa
12	27E000006	6	Washer	rondelle	Scheibe	arruela	arandela
13	17C000610	6	Bolt	boulon	Boizen	parafuso	bulón
14	1924992	1	Plate	plaque	Platte	placa	placa
15	7D000008	4	Nut	écrou	Mutter	porca	tuerca
16	27E000008	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
17	17C000828	2	Bolt	boulon	Boizen	parafuso	bulón
18	1923100	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
19	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
20	27E000008	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	1925199	2	Clamp	pince	Schelle	braçadeira	abrazadera
22	1931440	1	Tube	tube	Rohr	tubo	tubo
23	1902848	1	Clamp	pince	Schelle	braçadeira	abrazadera
24	1929071	1	Shield	protecteur	Schutzschild	protetor	protector
25	1930932	1	Tube	tube	Rohr	tubo	tubo
26	5294858	2	Clamp	pince	Schelle	braçadeira	abrazadera
27	1930177	1	Tube	tube	Rohr	tubo	tubo
28	1930176	1	Tube	tube	Rohr	tubo	tubo
29	17C000624	4	Bolt	boulon	Boizen	parafuso	bulón
30	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
31	7D000006	4	Nut	écrou	Mutter	porca	tuerca
32	33C000514	4	Bolt	boulon	Boizen	parafuso	bulón
33	1926445	1	Tube	tube	Rohr	tubo	tubo
34	539042	2	Clamp	pince	Schelle	braçadeira	abrazadera
35	1902171	1	Tube	tube	Rohr	tubo	tubo
36	10F000002	1	Plug	bouchon	Stopfen	bujão	tapón



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	1923100	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
2	1924992	1	Plate	plaque	Platte	placa	placa
3	1902848	1	Clamp	pince	Schelle	braçadeira	abrazadera
4	1929071	1	Shield	protecteur	Schutzschild	protetor	protector
5	17C000610	6	Bolt	boulon	Bolzen	parafuso	bulón
6	27E000006	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
8	7D000008	4	Nut	écrou	Mutter	porca	tuerca
9	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
10	1931440	1	Tube	tube	Rohr	tubo	tubo
11	1508680	1	Hose	tuyau flexible	Schlauch	manguera	manguera
12	1925199	1	Clamp	pince	Schelle	braçadeira	abrazadera
13	1992035	1	Elbow	coude	Winkelrohr	cotovêlo	codo
14	1925199	1	Clamp	pince	Schelle	braçadeira	abrazadera
15	1930055	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
16	1921063	1	Clamp	pince	Schelle	braçadeira	abrazadera
17	0-----	-	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
18	941474	2	Band	bande	Band	banda	banda
19	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
20	59D000006	4	Nut	écrou	Mutter	porca	tuerca
21	1902171	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	43H001450	2	Clamp	pince	Schelle	braçadeira	abrazadera
23	1926445	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
24	1901722	1	Clamp	pince	Schelle	braçadeira	abrazadera
25	10F000002	1	Plug	bouchon	Stopfen	bujão	tapón
26	33C000514	4	Bolt	boulon	Bolzen	parafuso	bulón
27	1926444	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
28	1901722	1	Clamp	pince	Schelle	braçadeira	abrazadera
29	511512	1	Hood	capot	Haube	capô	capô
30	1529625	1	Indicator	indicateur	Messer	indicador	indicador
31	1901972	1	Flange	bride	Flansch	flange	brida
32	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
33	85F000004	1	Elbow	coude	Winkelrohr	cotovêlo	codo
34	60D000004	2	Nut	écrou	Mutter	porca	tuerca
35	1917182	1	Hose	tuyau flexible	Schlauch	manguera	manguera
36	26F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
37	1923087	1	Inlet Tube	tube dadmission	Einlassrohr	tubo admisión	tubo admissão
38	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
39	2521435	2	Bracket	support	Winkel	grampo	grampa

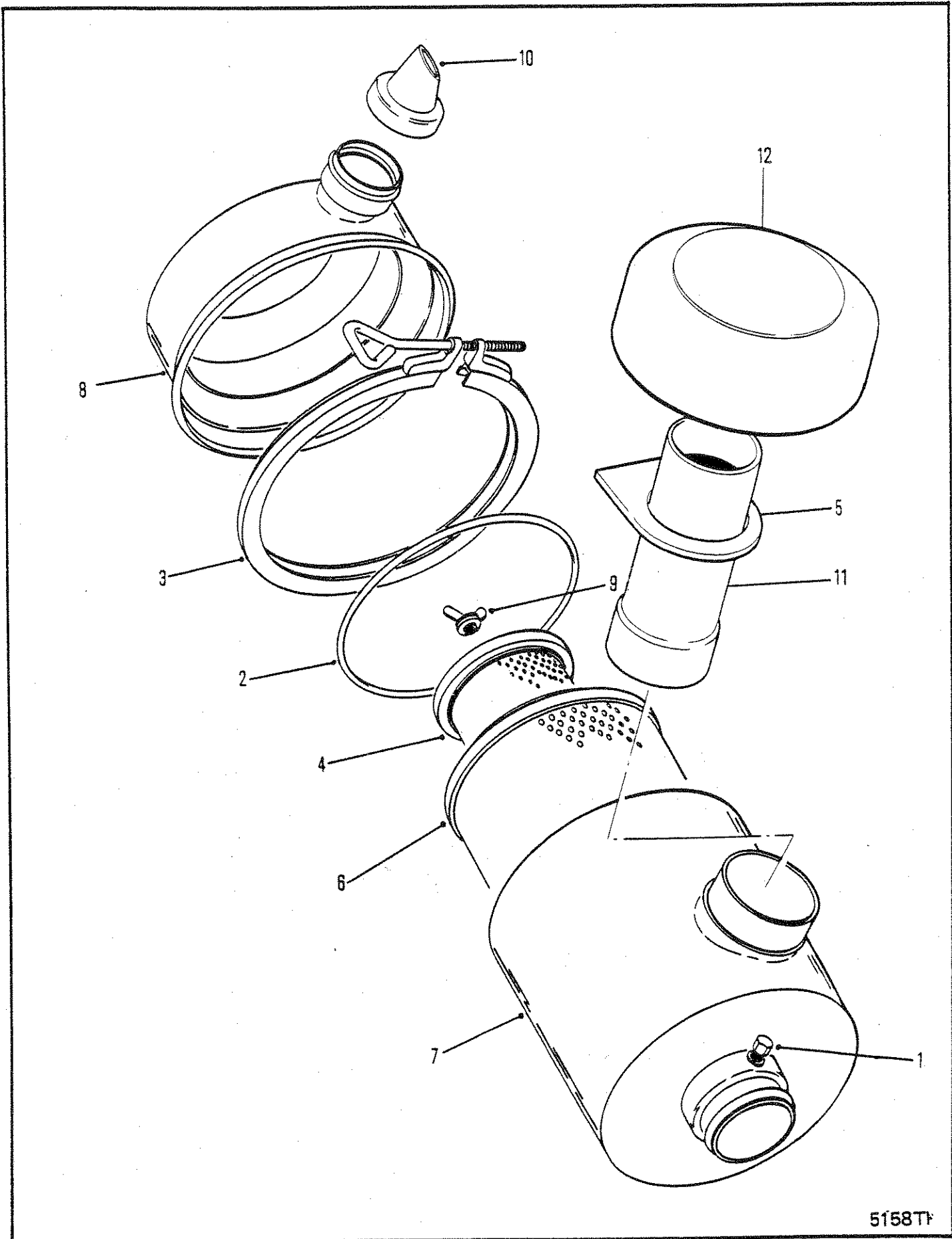
1 513H-101→3350-CAC, 515H-101→9999-CAC, 542H-101→9999-CAC



6372TP

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	1923100	1	Muffler	silencieux	Auspufftopf	silenciador	silenciador
2	1924992	1	Plate	plaque	Platte	placa	placa
3	1902848	1	Clamp	pince	Schelle	braçadeira	abrazadera
4	1929071	1	Shield	protecteur	Schutzschild	protetor	protector
5	17C000610	6	Bolt	boulon	Bolzen	parafuso	bulón
6	27E000006	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
7	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
8	7D000008	4	Nut	écrou	Mutter	porca	tuerca
9	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
10	1931440	1	Tube	tube	Rohr	tubo	tubo
11	1992035	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	1925199	2	Clamp	pince	Schelle	braçadeira	abrazadera
13	1930055	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
14	1921063	1	Clamp	pince	Schelle	braçadeira	abrazadera
15	○-----	-	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
16	2521435	2	Bracket	support	Winkel	grampo	grampa
17	17C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
18	59D000006	4	Nut	écrou	Mutter	porca	tuerca
19	1902171	1	Elbow	coude	Winkelrohr	cotovêlo	codo
20	539042	2	Clamp	pince	Schelle	braçadeira	abrazadera
21	1931016	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
22	10F000002	1	Plug	bouchon	Stopfen	bujão	tapón
23	33C000514	4	Bolt	boulon	Bolzen	parafuso	bulón
24	1931641	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	43H001550	2	Clamp	pince	Schelle	braçadeira	abrazadera
26	521686	1	Hood	capot	Haube	capô	capó
27	1529625	1	Indicator	indicateur	Messer	indicador	indicador
28	1931019	1	Tube	tube	Rohr	tubo	tubo
29	1931018	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
30	±1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo
31	1901972	1	Flange	bride	Flansch	flange	brida
32	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
33	85F000004	1	Elbow	coude	Winkelrohr	cotovêlo	codo
34	60D000004	2	Nut	écrou	Mutter	porca	tuerca
35	1908545	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
36	26F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
37	5K000108	1	Nipple	raccord	Nippel	niple	niple
38	75F000001	1	Coupling	accouplement	Kupplung	acoplamento	acople
39	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
40	±1933755	1	Tube	tube	Rohr	tubo	tubo
41	±547069	1	Clamp	pince	Schelle	braçadeira	abrazadera



5158Tf

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

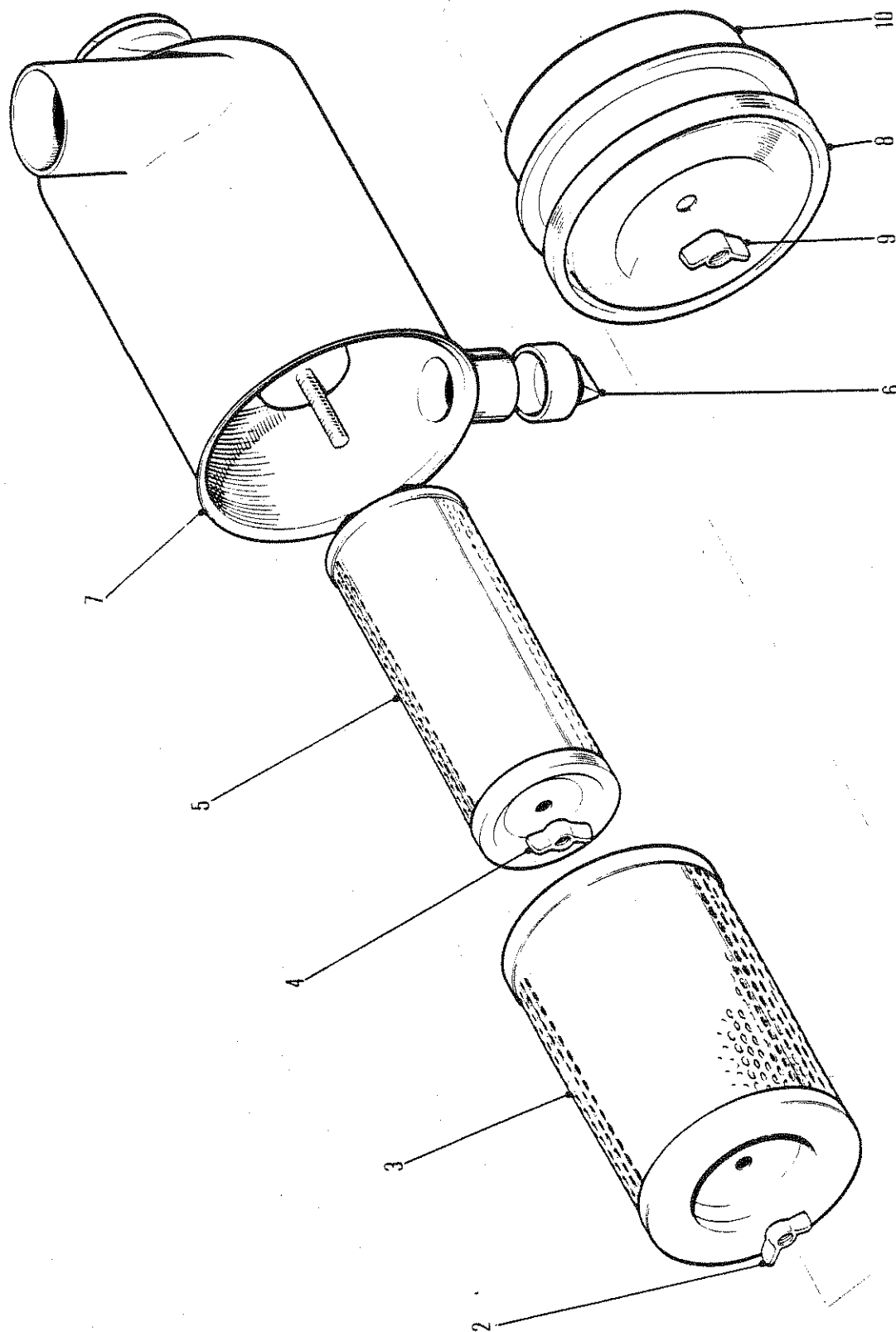
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1923957	1	Air cleaner assy	filtre à air, ens	Luftfilter, vollst	purificador ar conj	depurador aire conj
1	886569	2	Cap	chapeau	Kappe	tampa	tapa
2	892833	1	O ring	joint torique	O ring	anel-O	anillo-O
3	945060	1	Clamp	pince	Schelle	braçadeira	abrazadera
4	993689	1	Element assy	élément ens	Elementsatz	conj elemento	conj elemento
5	1914646	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	993688	1	Element assy	élément ens	Elementsatz	conj elemento	conj elemento
7	1990249	1	Body	carrosserie	Karosserie	carroçria	carrocería
8	1991302	1	Cup	cuvette	Schale	capa	cubeta
9	3292703	2	Nut	écrou	Mutter	porca	tuerca
10	3739636	1	Valve	soupape	Ventil	válvula	válvula
11	1927676	1	Tube	tube	Rohr	tubo	tubo
12	511512	1	Cap	chapeau	Kappe	tampa	tapa
13	1913913	-	Adhesive	Adhésif	Klebstoff	adesivo	Adhesivo

1 Inc 1 → 10

666CUM
666GM
666GMGR

500H-101-CAC → 500H-9999-CAC
513H-101-CAC → 513H-9999-CAC
515H-101-CAC → 515H-9999-CAC

542H-101-CAC → 542H-9999-CAC



**AIR CLEANER
EPURATEUR DAIR
LUFTFILTER
FILTRO DE AR
FILTRO DEL AIRE**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1931021	1	Air cleaner	filtre à air	Luftfilter	purificador ar	depurador aire
1	1300702	1	Clip	attache	Schelle	braçadeira	abrazadera
2	1991856	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
3	2521682	1	Element	élément	Element	elemento	elemento
4	3291290	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
5	2521683	1	Element	élément	Element	elemento	elemento
6	3739636	1	Valve	soupape	Ventil	válvula	válvula
7	25-----	1	Body	carrosserie	Karosserie	carroçria	carrocería
8	962259	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
9	1991857	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
10	962260	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura

¹ Inc 1 → 10

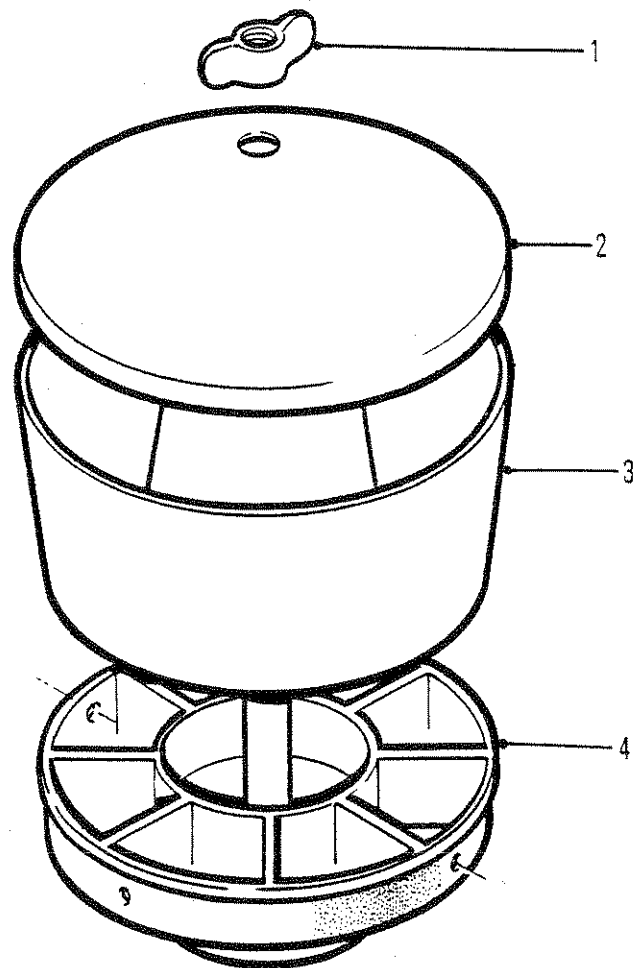
² See item A

² Voir A

² Siehe A

² Veja A

² Váase A



6053TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	3150205	1	Pre-cleaner assy	pre-nettoyeur ens	Vorfilter vollst	conj pre-limpador	conj pre-depurador
1	1991882	1	Wing nut	écrou papillon	Flügelmutter	porca barboleta	tuerca mariposa
2	3984428	1	cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
3	3984429	1	Body	carrosserie	Karosserie	carroçria	carrocería
4	3984430	1	Adapter assy	ens adaptateur	Zwischenstück vollst	conj adaptador	conj adaptador

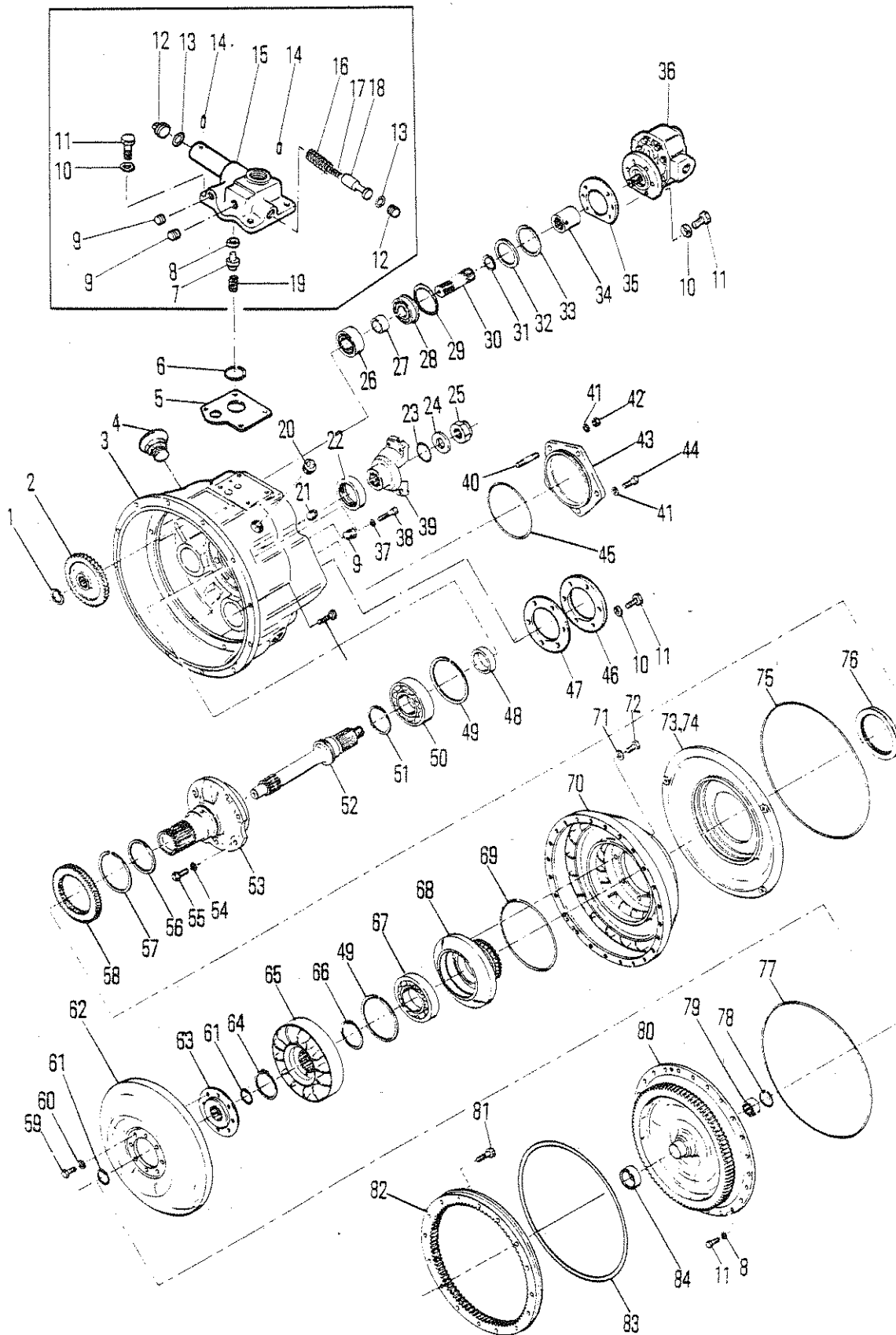
1 Inc 1 → 4

666GM
666GMGR

513H-101-CAC → 513H-9999-CAC
542H-101-CAC → 542H-9999-CAC

526H-101-CAC → 526H-9999-CAC

RANGER



5984TP

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	Drehmomentwandler	conversor de torque	convtdor torsión
B	801984	1	Ring kit	ens de la couronne	Ringsatz	conjunto de anéis	conj anillo
1	711298	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	214931	2	Gear pump drive	pompe dentr pign	Pumpenantriebsrad	acion bomba engr	engr bomba prop
3	214980	1	Housing	botier	Gehuse	carcaça	carcasa
4	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
5	214949	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	222318	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
8	214946	1	Seat	sige	Sitz	assento	asiento
9	40K000002	2	Plug	bouchon	Stopfen	bujão	tapón
10	5-----	1	Washer	rondelle	Scheibe	arruela	arandela
11	233128	37	Screw	vis	Schraube	parafuso	tornillo
12	220983	2	Stop valve	arrêt soupape	Halteventil	parada válvula	tope válvula
13	25K030018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
14	660178	2	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
15	214943	1	Valve	soupape	Ventil	válvula	válvula
16	224369	1	Spring	ressort	Feder	mola	resorte
17	224368	1	Spring	ressort	Feder	mola	resorte
18	224466	1	Piston	piston	Kolben	pistão	pistón
19	222312	1	Spring	ressort	Feder	mola	resorte
20	10F000016	4	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao

1 Inc 8, 12 → 18

2 Inc 10

3 Inc 84

4 Inc 56 & 85

5 See 11

5 Voir 11

5 Siehe 11

5 Veja 11

5 Véase 11

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

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

6 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.

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

6 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.

7 See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.

7 Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.

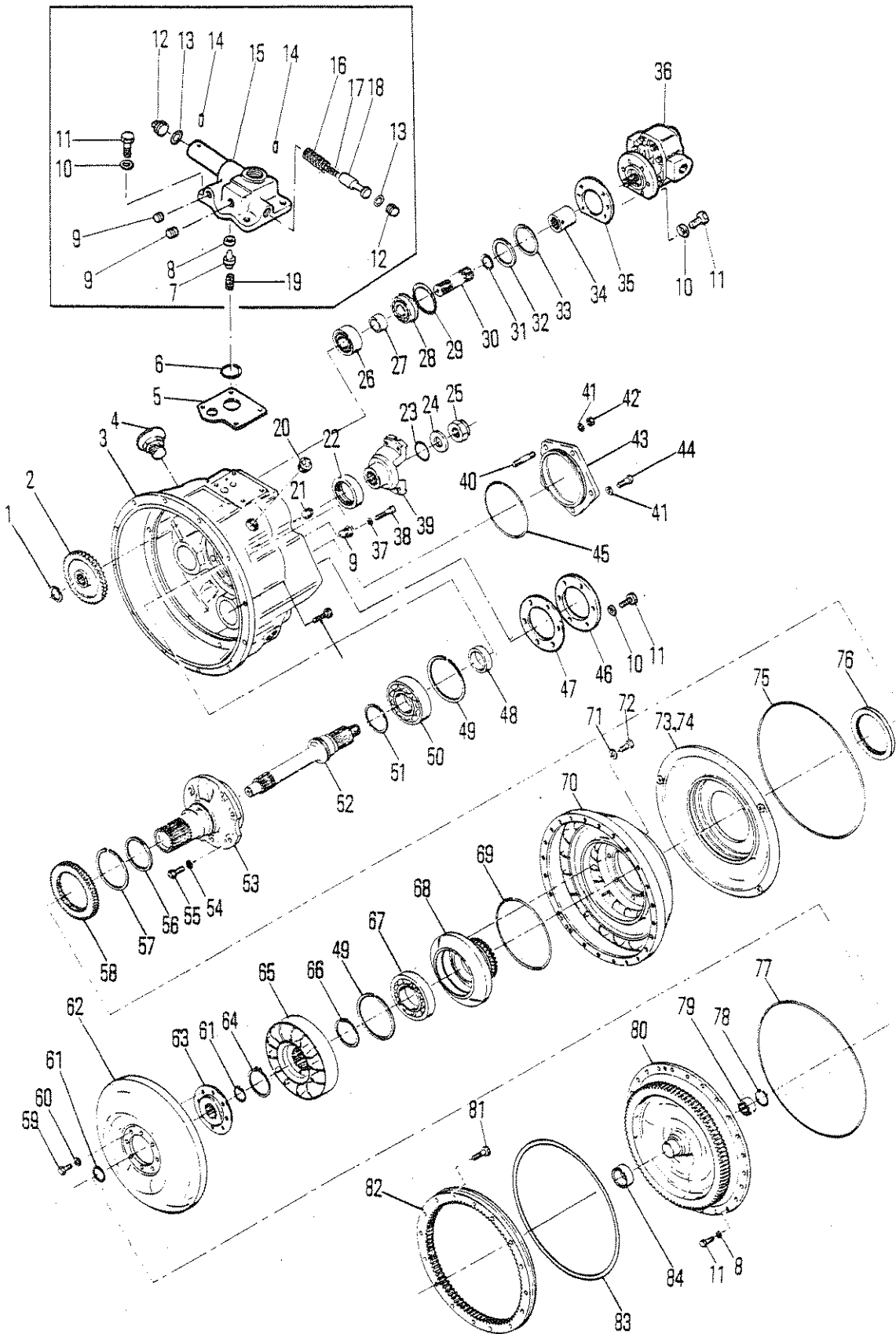
7 Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.

7 Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.

7 Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

8 Inc B & 1 → 80

RANGER



5984TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
21	16F000008	1	Plug	bouchon	Stopfen	bujão	tapón
22	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
23	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
24	102745	1	Washer	rondelle	Scheibe	arruela	arandela
25	216058	1	Nut	écrou	Mutter	porca	tuerca
26	214936	2	Bearing	palier	Lager	mancal	cojinete
27	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
28	214956	2	Bearing	palier	Lager	mancal	cojinete
29	229566	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
31	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	237548	1	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor
32	214929	2	Washer	rondelle	Scheibe	arruela	arandela
33	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
34	214961	1	Sleeve	manchon	Muffe	luva	manguito
35	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
36	33C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
37	450230	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
38	1C000628	3	Screw	vis	Schraube	parafuso	tornillo
39	215702	1	Flange,output	bride sortie	Flansche Ausgangs	flange saída	platina saída
40	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
41	4E000007	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
42	8D000007	2	Stud	goujon	Stift	prisioneiro	espárrago
43	214979	1	Cover	couvercle	Deckel	tampa	tapa
44	1C000720	3	Screw	vis	Schraube	parafuso	tornillo
45	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ Inc B, 12→18

² Inc 10

³ Inc 84

⁴ Inc 56 & 85

⁵ See 11

⁵ Voir 11

⁵ Siehe 11

⁵ Veja 11

⁵ Véase 11

⁶ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

⁶ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium 237025 avec le déflecteur en aluminium.

⁶ 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.

⁶ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁶ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Aluminio No. 802003. Use sello tipo acero No. 235593 con el deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁷ See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.

⁷ Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.

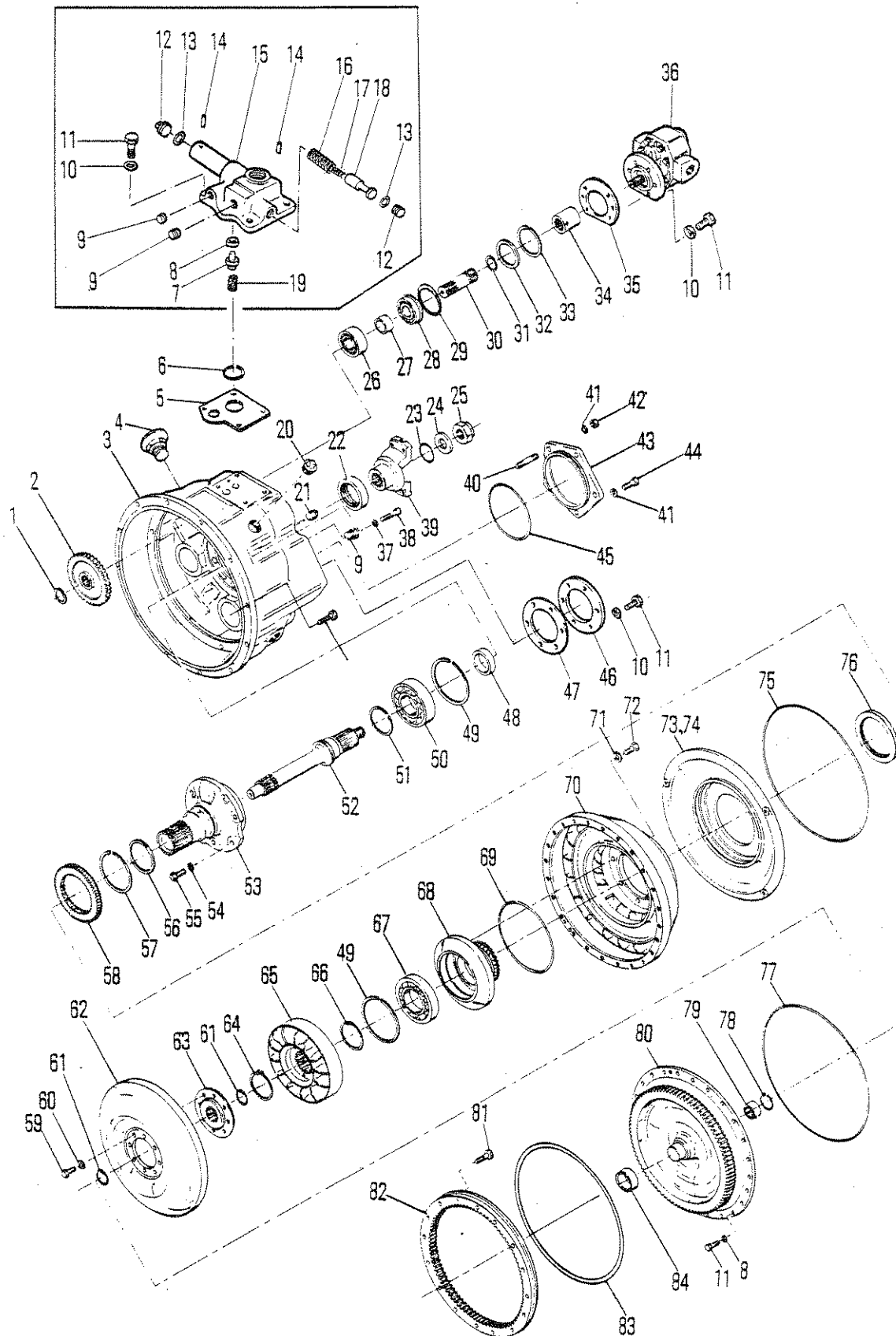
⁷ Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.

⁷ Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.

⁷ Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

⁸ Inc B & 1→80

RANGER



5984TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	223124	2	Cover	couvercle	Deckel	tampa	tapa
47	223125	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
48	214984	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
49	214953	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
50	239742	1	Bearing	palier	Lager	mancal	cojinete
51	222079	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
52	214983	1	Shaft	arbre	Welle	ávore	árbol
53	237405	1	Stator	stator	Stator	estator	estator
54	7E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
55	1C000820	6	Bolt	boulon	Bolzen	parafuso	bulón
56	§237242	1	Ring	anneau	Ring	anel	anillo
57	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
58	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
59	209313	8	Screw	vis	Schraube	parafuso	tornillo
60	619023	8	Washer	rondelle	Scheibe	arruela	arandela
61	659065	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
62	222684	1	Turbine	turbine	Turbine	turbina	turbina
63	214924	1	Hub	moyeu	Nabe	cubo	cubo
64	743035	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
65	229565	1	Reaction member	stator	Stator	estator	Estator
66	229566	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
67	214596	1	Bearing	palier	Lager	mancal	cojinete

¹ Inc 8, 12 → 18

² Inc 10

³ Inc 84

⁴ Inc 56 & 85

⁵ See 11

⁵ Voir 11

⁵ Siehe 11

⁵ Veja 11

⁵ Véase 11

⁶ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

⁶ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium 237025 avec le déflecteur en aluminium.

⁶ 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.

⁶ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁶ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Aluminio No. 802003. Use sello tipo acero No. 235593 con el deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁷ See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.

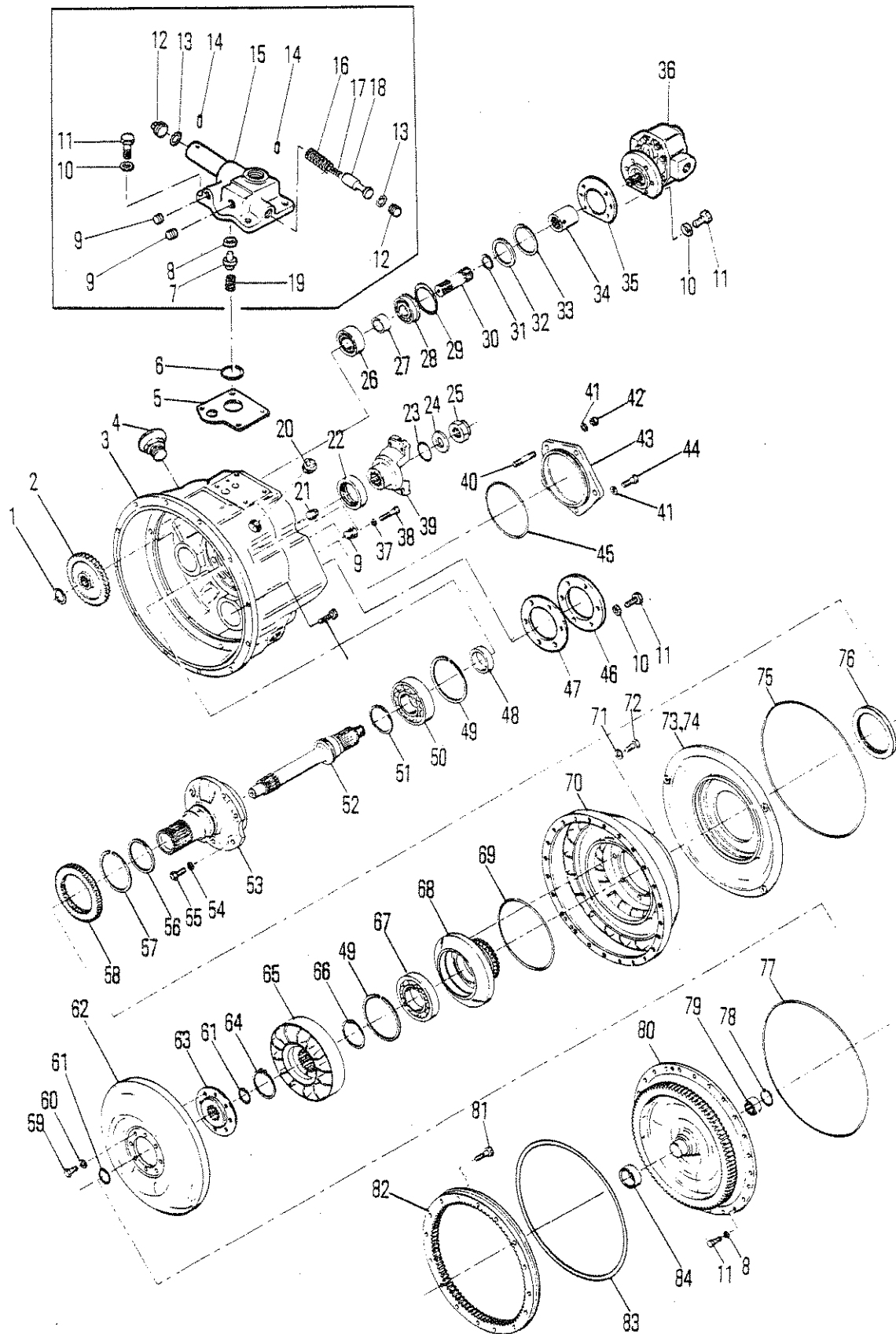
⁷ Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.

⁷ Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.

⁷ Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.

⁷ Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

⁸ Inc B & 1 → 80



5984TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
68	214923	1	Hub	moyeu	Nabe	cubo	cubo
69	60K040616	1	O-ring	joint torique	O Ring	anel-O	anillo-O
70	214920	1	Impeller	impulseur	Pumprad	impulsor	impulsor
71	25E000019	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
72	223125	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
73	214925	1	Oil baffle	défecteur huile	Ideflektor	defletor óleo	deflector aceite
74	802003	1	Baffle kit	jeu de déflecteur	Deflektorsatz	jogo deflector	juego de deflector
75	214939	1	Quad ring	anneau quadruple	Viererring	anel quad	anillo bastidor
76	235593	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
77	232535	1	O-ring	joint torique	O Ring	anel-O	anillo-O
78	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
79	214988	1	Bearing	palier	Lager	mancal	cojinete
80	801524	1	Cover	couvercle	Deckel	tampa	tapa
81	240318	32	Bolt	boulon	Bolzen	parafuso	bulón
82	236936	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
83	236937	1	Ring	anneau	Ring	anel	anillo
84	222006	1	Sleeve	manchon	Muffe	lufa	manguito
85	237243	1	Spring	ressort	Feder	mola	resorte

¹ Inc 8, 12 → 18

² Inc 10

³ Inc 84

⁴ Inc 56 & 85

⁵ See 11

⁵ Voir 11

⁵ Siehe 11

⁵ Veja 11

⁵ Véase 11

⁶ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

⁶ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium 237025 avec le déflecteur en aluminium.

⁶ 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.

⁶ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁶ 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.

⁷ See S.B. Group 281, No. 02, 9/86. Engine Flywheel must be replaced.

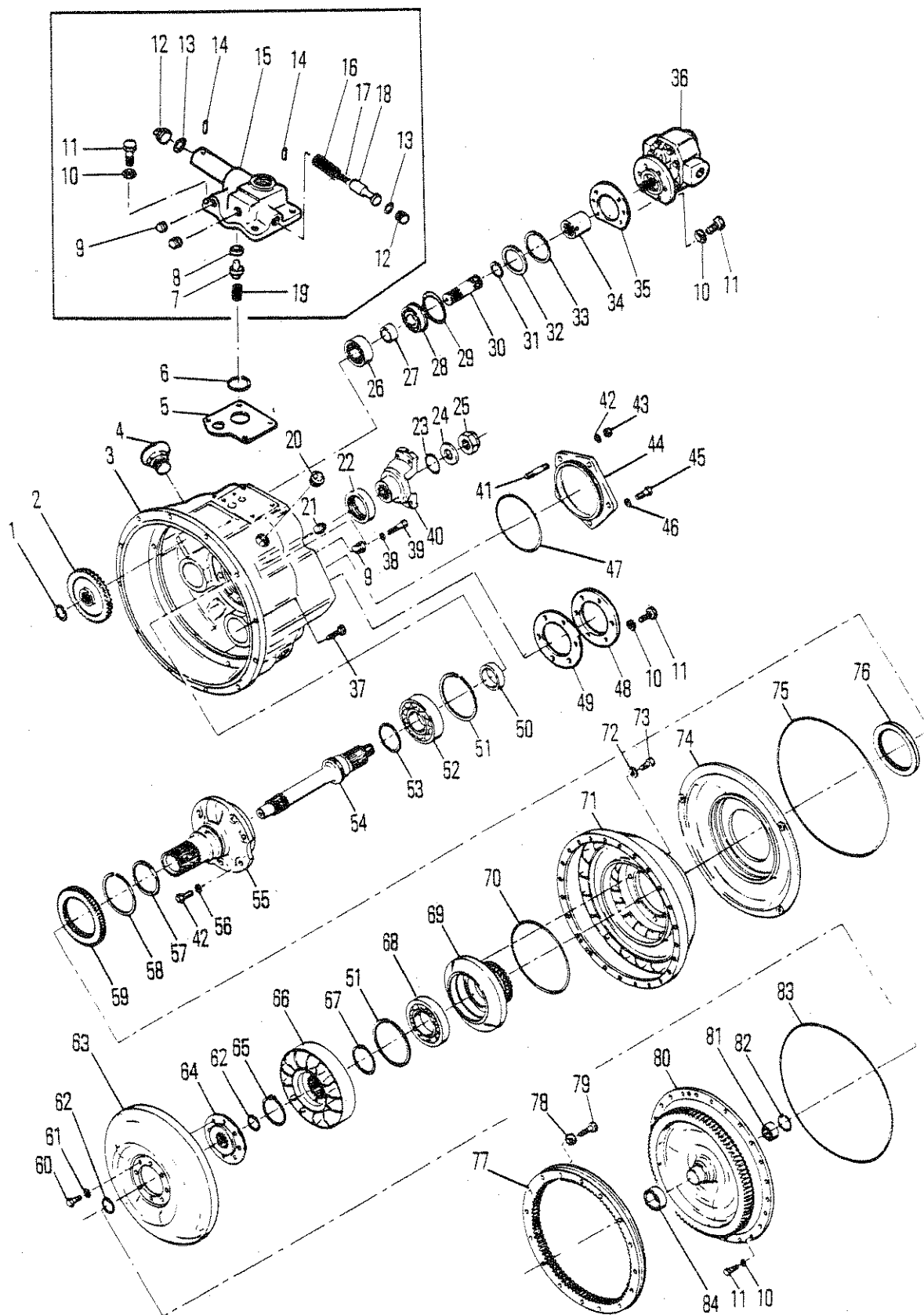
⁷ Voir S.B. Group 281, No. 02, 9/86. Remplacez le volant de moteur.

⁷ Siehe S.B. Group 281, No. 02, 9/86. Man ersetze das Motorschwungrad.

⁷ Ver S.B. Group 281, No. 02, 9/86. Volante do motor deve ser substituído.

⁷ Ver S.B. Group 281, No. 02, 9/86. Se debe reemplazar el volante del motor.

⁸ Inc B & 1 → 80



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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	801984	1	Ring kit	ens de la couronne	Ringsatz	conjunto de anéis	conj anillo
C	802003	1	Baffle kit	jeu de déflecteur	Deflektorsatz	jogo deflector	juego de deflector
1	711298	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	214931	2	Gear pump drive	pompe dentr pign	Pumpenantriebsrad	acion bomba engr	engr bomba prop
3	214980	1	Housing	botier	Gehuse	carcaça	carcasa
4	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
5	214949	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
6	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	222318	1	Plunger	plongeur	Druckstange	embolo	émbolo buzo
8	214946	1	Seat	sige	Sitz	assento	asiento
9	40K000002	2	Plug	bouchon	Stopfen	bujão	tapón
10	7-----	1	Washer	rondelle	Scheibe	arruela	arandela
11	233128	37	Screw	vis	Schraube	parafuso	tornillo
12	220983	2	Stop valve	arrêt soupape	Halteventil	parada válvula	tope válvula
13	25K030018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
14	660178	2	Roll pin	goupille de roulée	Rollenbolzen	pino de rolo	pasador rodillo
15	214943	1	Valve	soupape	Ventil	válvula	válvula
16	224369	1	Spring	ressort	Feder	mola	resorte
17	224368	1	Spring	ressort	Feder	moia	resorte
18	224466	1	Piston	piston	Kolben	pistão	pistón
19	222312	1	Spring	ressort	Feder	mola	resorte
20	10F000016	4	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao
21	16F000008	1	Plug	bouchon	Stopfen	bujão	tapón
22	206864	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
23	25K040112	1	O-ring	joint torique	O Ring	anel-O	anillo-O
24	102745	1	Washer	rondelle	Scheibe	arruela	arandela
25	216058	1	Nut	écrou	Mutter	porca	tuerca
26	214936	2	Bearing	palier	Lager	mancal	cojinete
27	214930	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
28	214956	2	Bearing	palier	Lager	mancal	cojinete
29	214954	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	214928	2	Drive shaft	arbre moteur	Gelenkwelle	eixo propulsor	árbol impulsor

¹ Inc 8,12→18

² Inc 10

³ Inc 84

⁴ See B

⁴ Voir B

⁴ Siehe B

⁴ Veja B

⁴ Véase B

⁵ Inc 57 & 85

⁶ See 11

⁶ Voir 11

⁶ Siehe 11

⁶ Veja 11

⁶ Véase 11

⁷ See 51

⁷ Voir 51

⁷ Siehe 51

⁷ Veja 51

⁷ Véase 51

⁸ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.
⁸ 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.

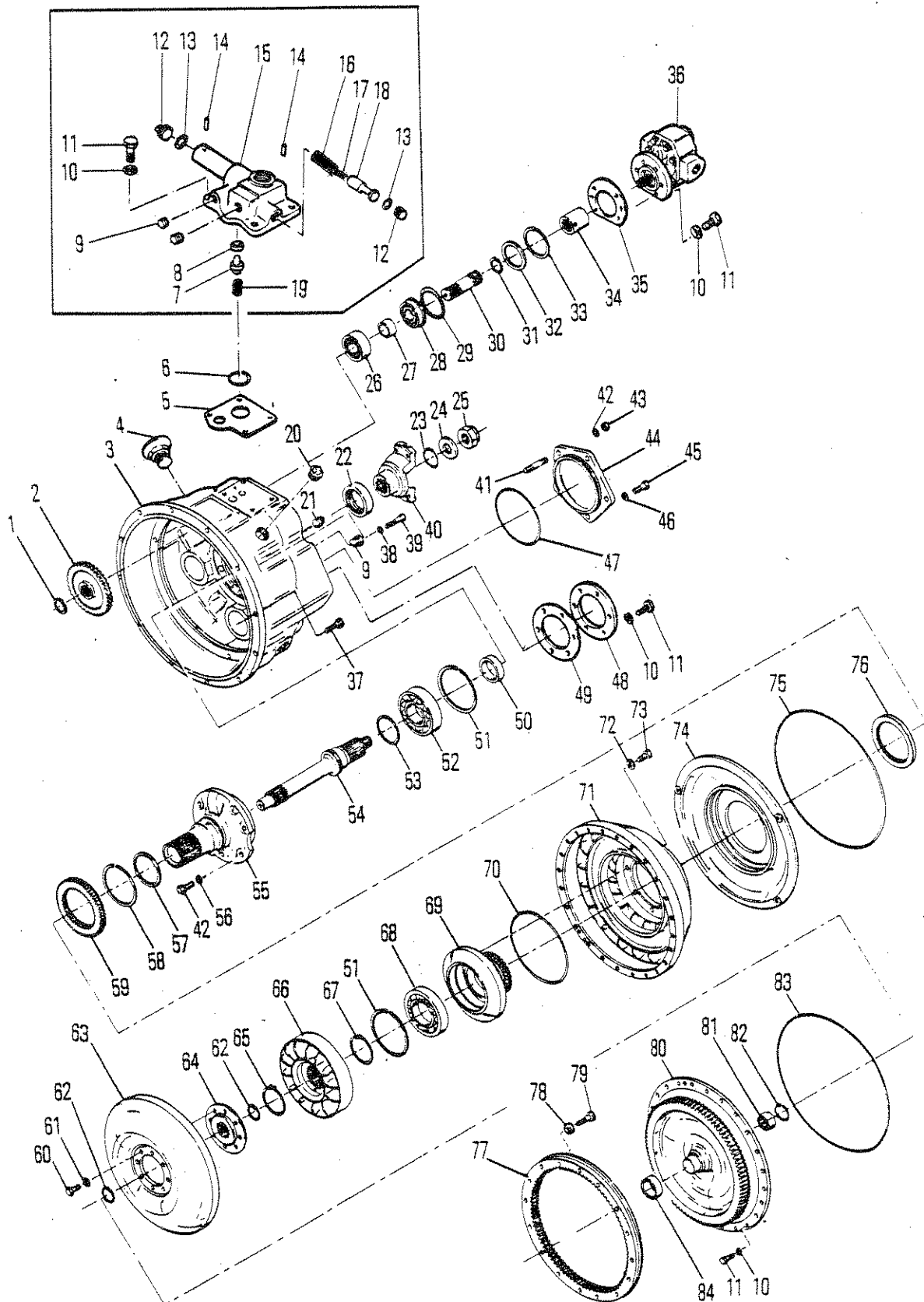
⁸ Zur Instandhaltung des Deflectors aus Stahl, bediene man sich der Ausrüstung Nr. 802003. Für den Deflektor aus Stahl benutze man eine Dichtung aus Stahl Typ Nr. 235593. Für den Deflektor aus Aluminium Typ Nr. 237025

⁸ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁸ 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.

⁹ Inc. 4

RANGER



6560TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
31	224039	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
32	214929	2	Washer	rondelle	Scheibe	arruela	arandela
33	713186	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
34	214961	1	Sleeve	manchon	Muffe	luva	manguito
35	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
36	450230	1	Charging pump	pompe de chargemnt	Ladepumpe	bomba de carga	bomba de carga
37	33C000620	12	Bolt	boulon	Bolzen	parafuso	bulón
38	4E000006	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	1C000628	3	Screw	vis	Schraube	parafuso	tornillo
40	215702	1	Flange, output	bride sortie	Fiansche Ausgangs	flange saída	platina saída
41	214730	2	Stud	goujon	Stift	prisioneiro	espárrago
42	1C000820	6	Bolt	boulon	Bolzen	parafuso	bulón
43	8D000007	2	Stud	goujon	Stift	prisioneiro	espárrago
44	214979	1	Cover	couvercle	Deckel	tampa	tapa
45	224369	1	Spring	ressort	Feder	mola	resorte
46	4E000007	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
47	25K040512	1	O-ring	joint torique	O Ring	anel-O	anillo-O
48	223124	2	Cover	couvercle	Deckel	tampa	tapa
49	223125	2	Gasket	garniture	Dichtung	gaxeta	empaquetadura
50	214984	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
51	214953	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
52	239742	1	Bearing	palier	Lager	mancal	cojinete
53	222079	1	Piston ring	segment de piston	Kolbenring	anel do pistão	aro del pistón
54	214983	1	Shaft	arbre	Welle	ávore	árbol
55	237405	1	Stator	stator	Stator	estator	estator
56	7E000008	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
57	237242	1	Ring	anneau	Ring	anel	anillo
58	224009	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
59	214951	1	Gear	engrenage	Zahnrad	engrenagem	engranaje

¹ Inc 8,12→18

² Inc 10

³ Inc 84

⁴ See B
⁴ Voir B
⁴ Siehe B
⁴ Veja B
⁴ Véase B

⁵ Inc 57 & 85

⁶ See 11
⁶ Voir 11
⁶ Siehe 11
⁶ Veja 11
⁶ Véase 11

⁷ See 51
⁷ Voir 51
⁷ Siehe 51
⁷ Veja 51
⁷ Véase 51

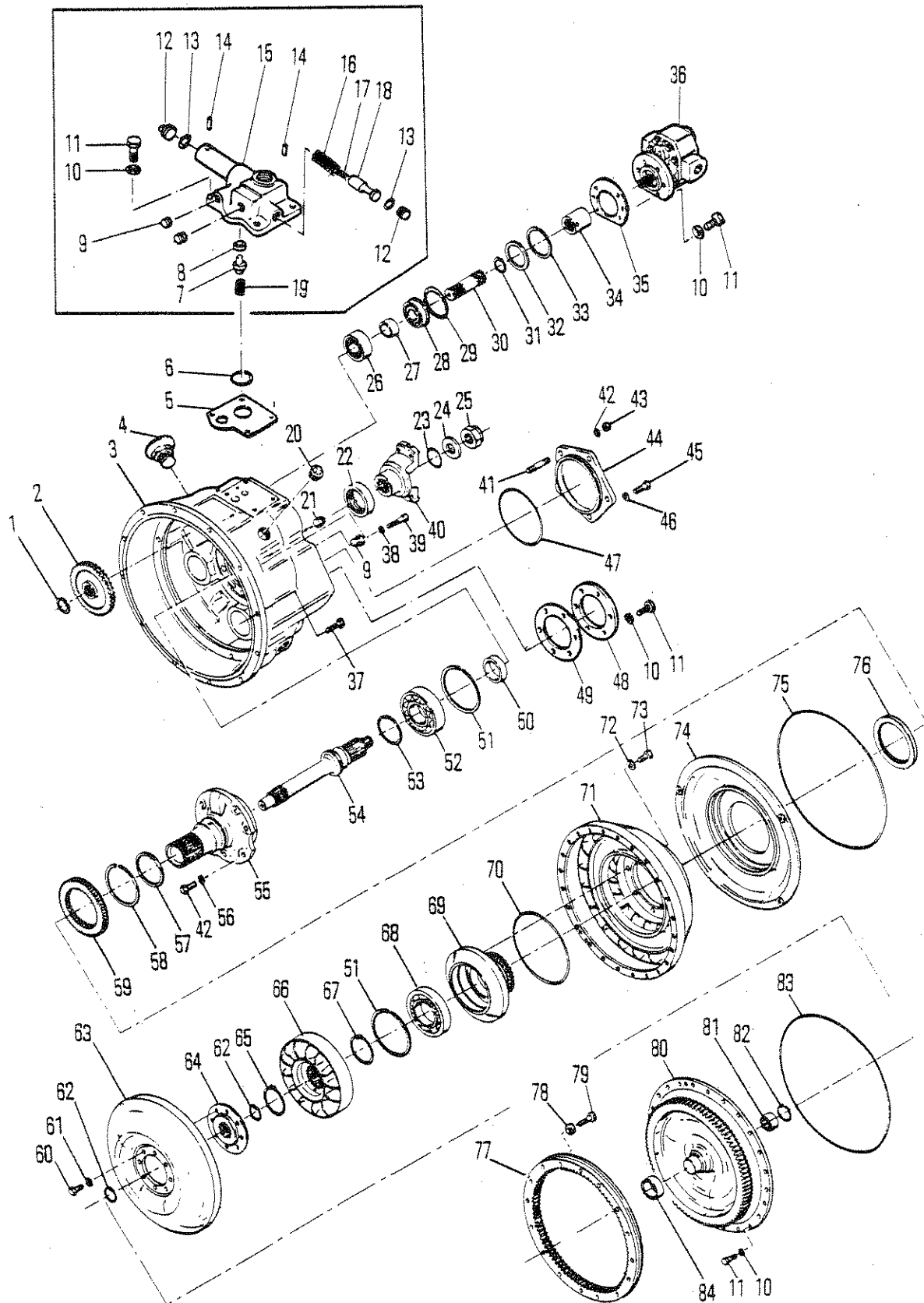
⁸ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.
⁸ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium n° 237025 avec le déflecteur en aluminium.

⁸ 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

⁸ Serviço do Deflector de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁸ El Servicio del Deflector de Acero debe hacerse con el Juego de Deflector de Aluminio No. 802003. Use sello tipo acero No. 235593 con el deflector de acero. Use sello tipo aluminio No. 237025 con el deflector de aluminio.

⁹ Inc. 4



6560TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
60	209313	8	Screw	vis	Schraube	parafuso	tornillo
61	619023	8	Washer	rondelle	Scheibe	arruela	arandela
62	659065	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
63	222684	1	Turbine	turbine	Turbine	turbina	turbina
64	214924	1	Hub	moyeu	Nabe	cubo	cubo
65	743035	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
66	229565	1	Reaction member	stator	Stator	estator	Estator
67	229566	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
68	214596	1	Bearing	palier	Lager	mancal	cojinete
69	214923	1	Hub	moyeu	Nabe	cubo	cubo
70	60K040616	1	O-ring	joint torique	O Ring	anel-O	anillo-O
71	214920	1	Impeller	impulseur	Pumprad	impulsor	impulsor
72	25E000019	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
73	4C000714	8	Bolt	boulon	Bolzen	parafuso	bulón
74	214925	1	Oil baffle	défecteur huile	Ideflektor	defletor óleo	deflector aceite
75	214939	1	Quad ring	anneau quadruple	Viererring	anel guad	anillo bastidor
76	235593	1	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
77	233089	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
78	215909	16	Washer	rondelle	Scheibe	arruela	arandela
79	236288	16	Bolt	boulon	Bolzen	parafuso	bulón
80	801524	1	Cover	couvercle	Deckel	tampa	tapa
81	214988	1	Bearing	palier	Lager	mancal	cojinete
82	666542	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
83	232535	1	O-ring	joint torique	O Ring	anel-O	anillo-O
84	222006	1	Sleeve	manchon	Muffe	luva	manguito
85	237243	1	Spring	ressort	Feder	mola	resorte

¹ Inc 8, 12 → 18

² Inc 10

³ Inc 84

⁴ See B

⁴ Voir B

⁴ Siehe B

⁴ Veja B

⁴ Véase B

⁵ Inc 57 & 85

⁶ See 11

⁶ Voir 11

⁶ Siehe 11

⁶ Veja 11

⁶ Véase 11

⁷ See 51

⁷ Voir 51

⁷ Siehe 51

⁷ Veja 51

⁷ Véase 51

⁸ Service steel baffle with aluminum baffle kit 802003 use steel type seal 235593 with steel baffle, use aluminum type seal 237025 with aluminum baffle.

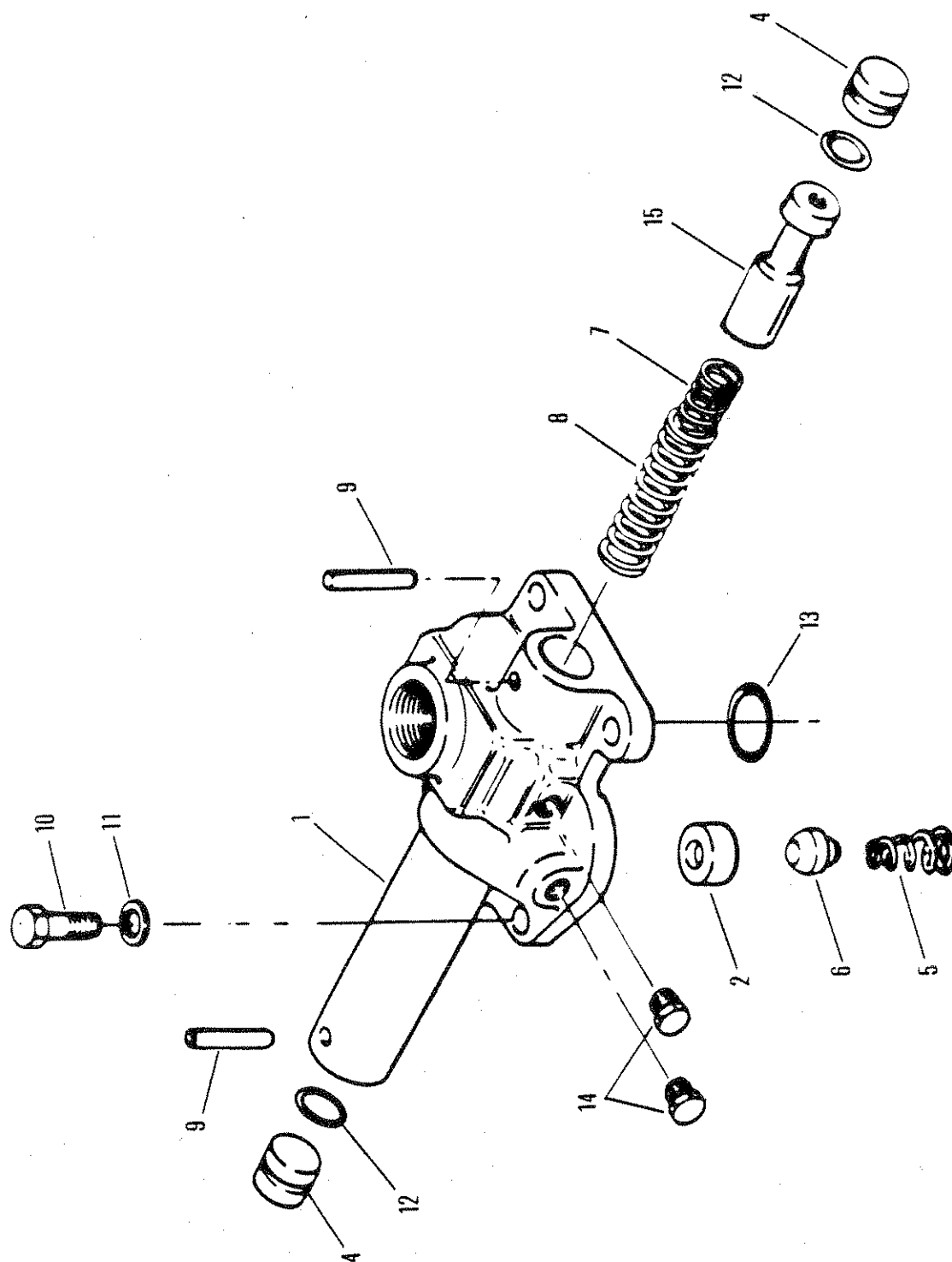
⁸ L'entretien du déflecteur en acier nécessite la trousse n° 802003. Utilisez le joint du type acier 235593 avec le joint du type aluminium n° 237025 avec le déflecteur en aluminium.

⁸ 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

⁸ Serviço do Defletor de aço com o Jogo do Defletor de Alumínio no. 802003. Use vedador tipo alumínio 237025 com Defletor de Alumínio.

⁸ 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.

⁹ Inc. 4



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

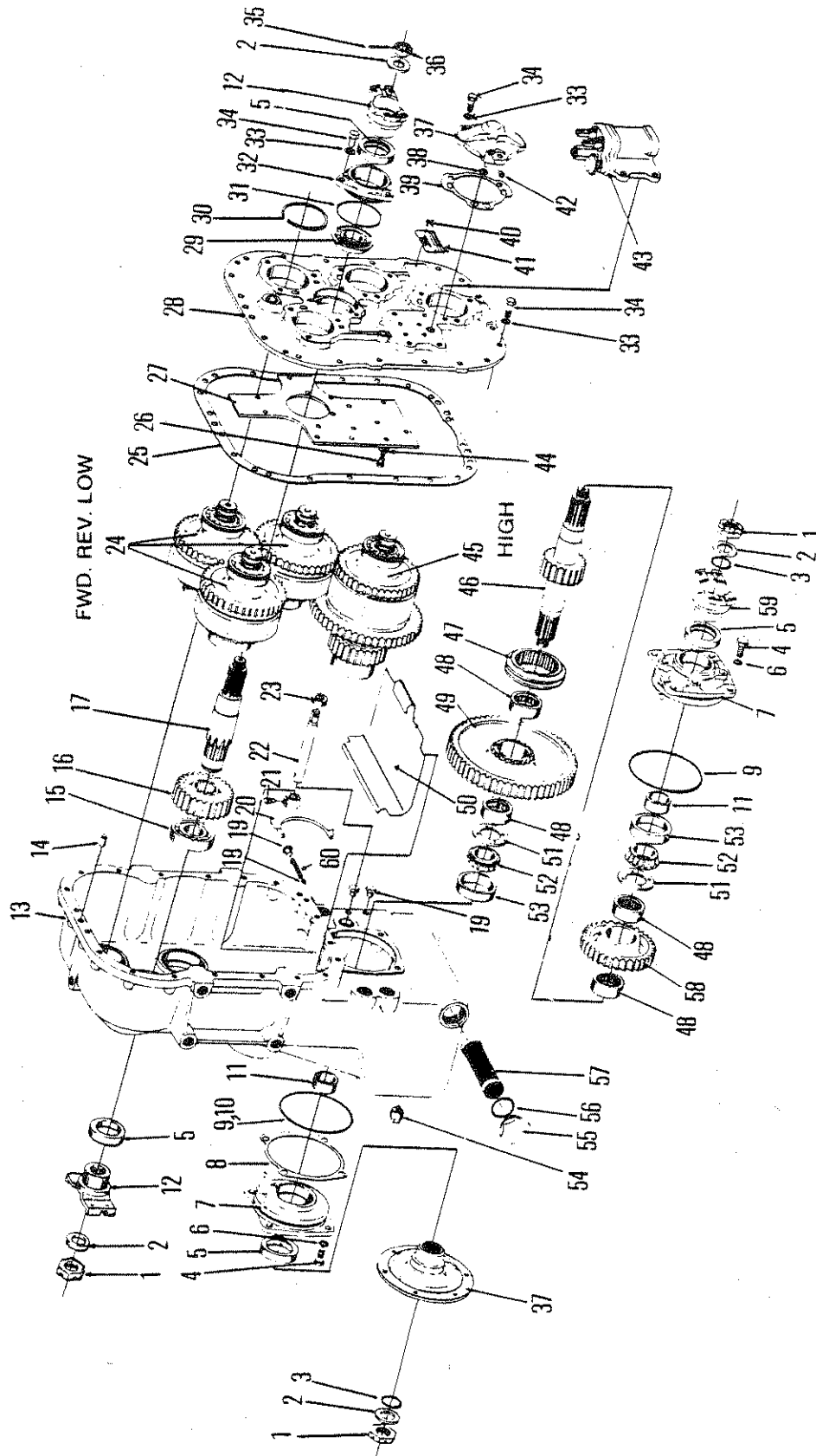
² See A

² Voir A

² Siehe A

² Veja A

² Véase A



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	285198	1	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
B	286411	1	Trans assy	bote vitesse ens	Getriebe vollst	transmissão conj	transmisión
1	216058	3	Nut	écrou	Mutter	porca	tuerca
2	102745	4	Washer	rondelle	Scheibe	arruela	arandela
3	25K040112	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1C000820	8	Bolt	boulon	Bolzen	parafuso	bulón
5	206864	4	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
6	5E000008	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
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	25K040524	2	O-ring	joint torique	O Ring	anel-O	anillo-O
10	215157	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
11	215162	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
12	215702	2	Flange,output	bride sortie	Flansche Ausgangs	flange saída	platina salida
13	228494	1	Trans case	carter de trans	Getriebgehäuse	caixa de transmis	caja transmisión
14	214295	2	Pin	goupille	Stift	pino	pasador
15	225603	1	Bearing	palier	Lager	mancal	cojinete
16	215166	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
17	217952	1	Shaft	arbre	Welle	ávore	árbol
18	10J000012	1	Ball	bille	Kugel	esfera	bola
19	40K000004	3	Plug	bouchon	Stopfen	bujão	tapón
20	215146	1	Fork	fourche	Gabel	garfo	horquilla
21	201566	1	Bolt	boulon	Bolzen	parafuso	bulón
22	215145	1	Rail	barre	Gelnder	trilho	riel
23	215157	-	Shim .007	cale-0,18MM	Beilage-0,18MM	calço-0,18MM	planchita-0,18MM
24	0-----	3	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj
25	215144	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
26	1C000614	15	Bolt	boulon	Bolzen	parafuso	bulón
27	215143	1	Plate	plaque	Platte	placa	placa
28	215142	1	Cover	couvercle	Deckel	tampa	tapa
29	225824	1	Bearing	palier	Lager	mancal	cojinete
30	945374	1	Ring	anneau	Ring	anel	anillo
31	25K040316	1	O-ring	joint torique	O Ring	anel-O	anillo-O
32	215167	1	Cap	chapeau	Kappe	tampa	tapa
33	4E000007	35	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
34	1C000718	35	Bolt	boulon	Bolzen	parafuso	bulón
35	1F000428	1	Pin,cotter	goupille fendue	Splint	contrapino	chaveta dos patas
36	201951	1	Nut	écrou	Mutter	porca	tuerca
37	215550	1	Flange	bride	Flansch	flange	brida
38	25K030016	4	O-ring	joint torique	O Ring	anel-O	anillo-O
39	215164	4	Gasket	garniture	Dichtung	gaxeta	empaquetadura
40	207873	2	Screw	vis	Schraube	parafuso	tornillo
41	221391	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
42	16F000002	4	Plug	bouchon	Stopfen	bujão	tapón
43	0-----	1	Control valve	soupape de contrôle	Steurventil	válv de contr	valv de control
44	5E000006	15	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
45	0-----	-	Clutch	embrayage	Kupplung	embreagem	embrague

1 Inc 1→61

2 Inc 5

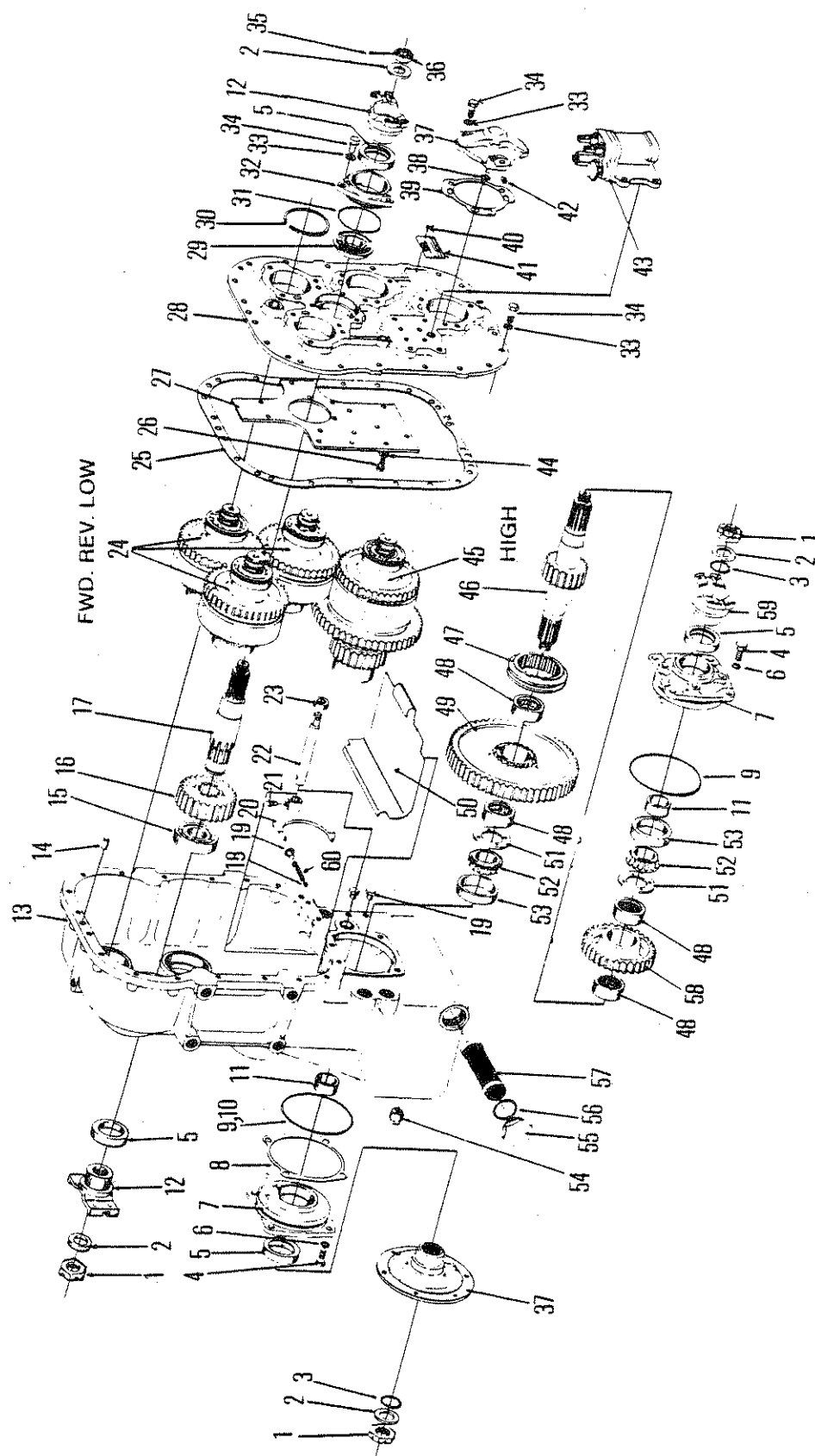
3 Inc. 48

4 513H-1676→9999-CAC, 500H-746→9999-CAC, 515H-1121→9999-CAC, 542H-101→9999-CAC

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
542H-101-CAC→542H-9999-CAC

526H-101-CAC→526H-9999-CAC
515H-101-CAC→515H-9999-CAC



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	215551	1	Shaft	arbre	Welle	ávore	árbol
47	215149	1	Hub	moyeu	Nabe	cubo	cubo
48	225079	4	Bearing	palier	Lager	mancal	cojinete
49	215150	1	Gear assy	ens engrénage	Zahnradatz	conj engrenagem	conj engranaje
50	228943	1	Plate	plaque	Platte	placa	placa
51	215154	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
52	675548	2	Cone	cône	Kegel	cone	cono
53	675544	2	Cup	cuvette	Schale	capa	cubeta
54	215757	1	Plug	bouchon	Stopfen	bujão	tapón
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	215152	1	Gear high	vitesse élevée	Gang hoch	última	engranaje alta
59	214985	1	Flange	bride	Flansch	flange	brida
60	215191	1	Spring	ressort	Feder	moia	resorte
61	†10F000016	5	Pipe plug	obturateur tuyau	Rohrstopfen	bujão do cano	tapón de cao

¹ Inc 1→61

² Inc 5

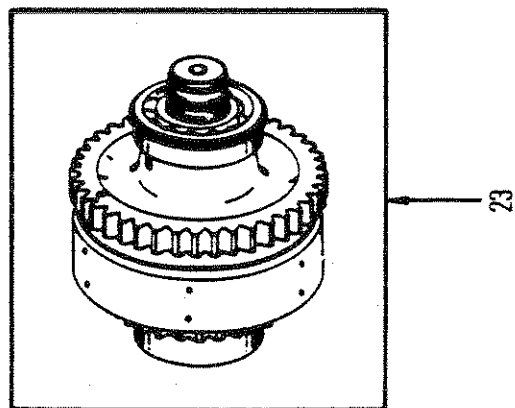
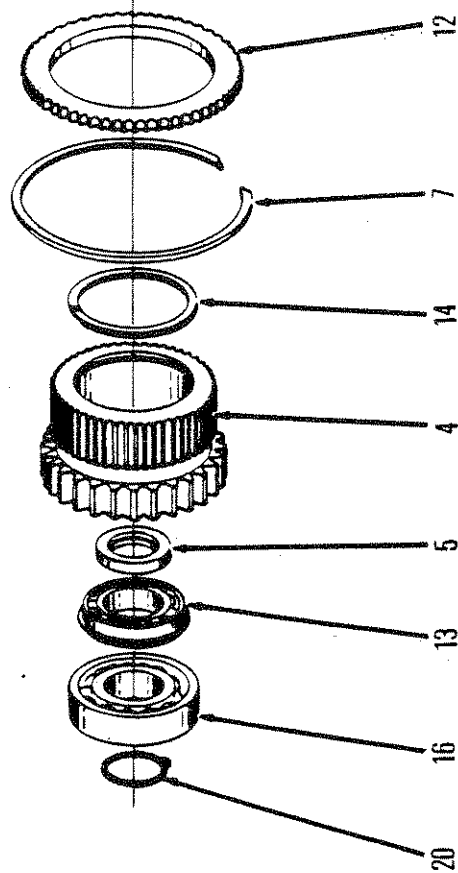
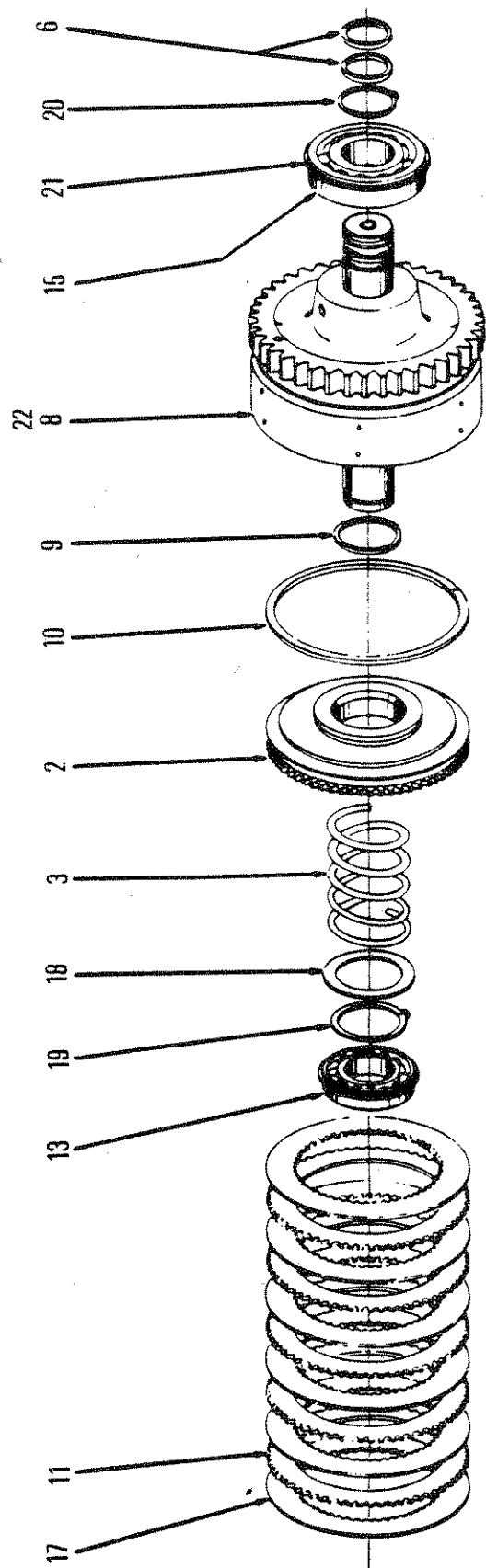
³ Inc. 48

⁴ □513H-1676→9999-CAC, 500H-746→9999-CAC, 515H-1121→9999-CAC, 542H-101→9999-CAC

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
542H-101-CAC→542H-9999-CAC

526H-101-CAC→526H-9999C-AC
515H-101-CAC→515H-9999-CAC



TRANSMISSION CLUTCH ASSEMBLY-FORWARD, REVERSE & LOW
ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE-MARCH AV & AR & BASSE
GETRIEBE KUPPLUNGSBAUGRUPPE-VORWÄRTS, RÜCKWARTS & ERSTE
CONJUNTO EMBREAGEM DA TRANSMISSÃO-MARCA À FRENTE & À RÉ & BAIXA
CONJUNTO TRANSMISIÓN-EMBRAGUE-MARCA 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	moia	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	Kupplungstrommel	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	§-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrage conj

¹ Inc 1 & 22

² Inc 21

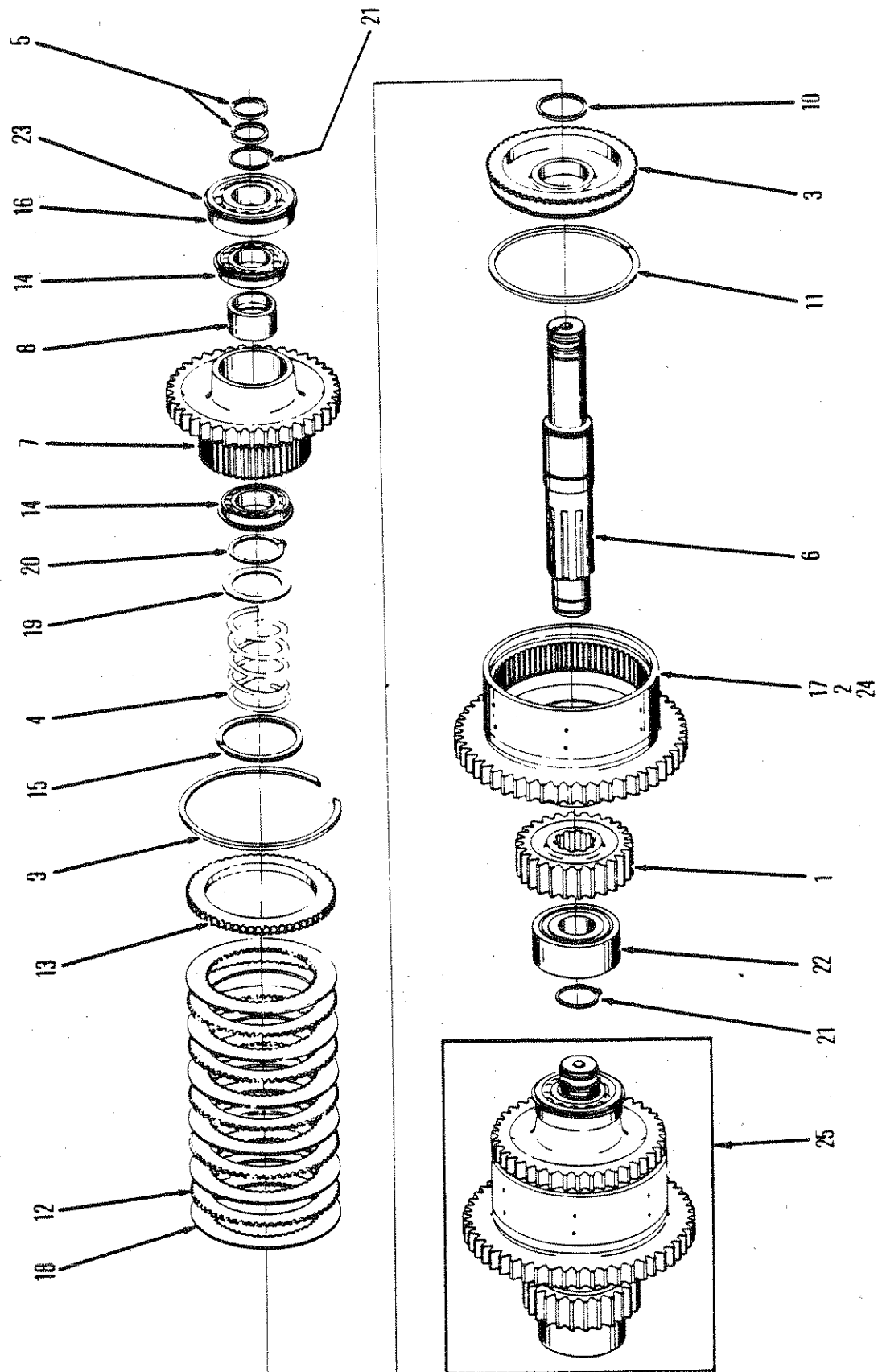
³ This group is used 3 times in transmission - Quantities listed are for 1 Clutch

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 Embragem

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

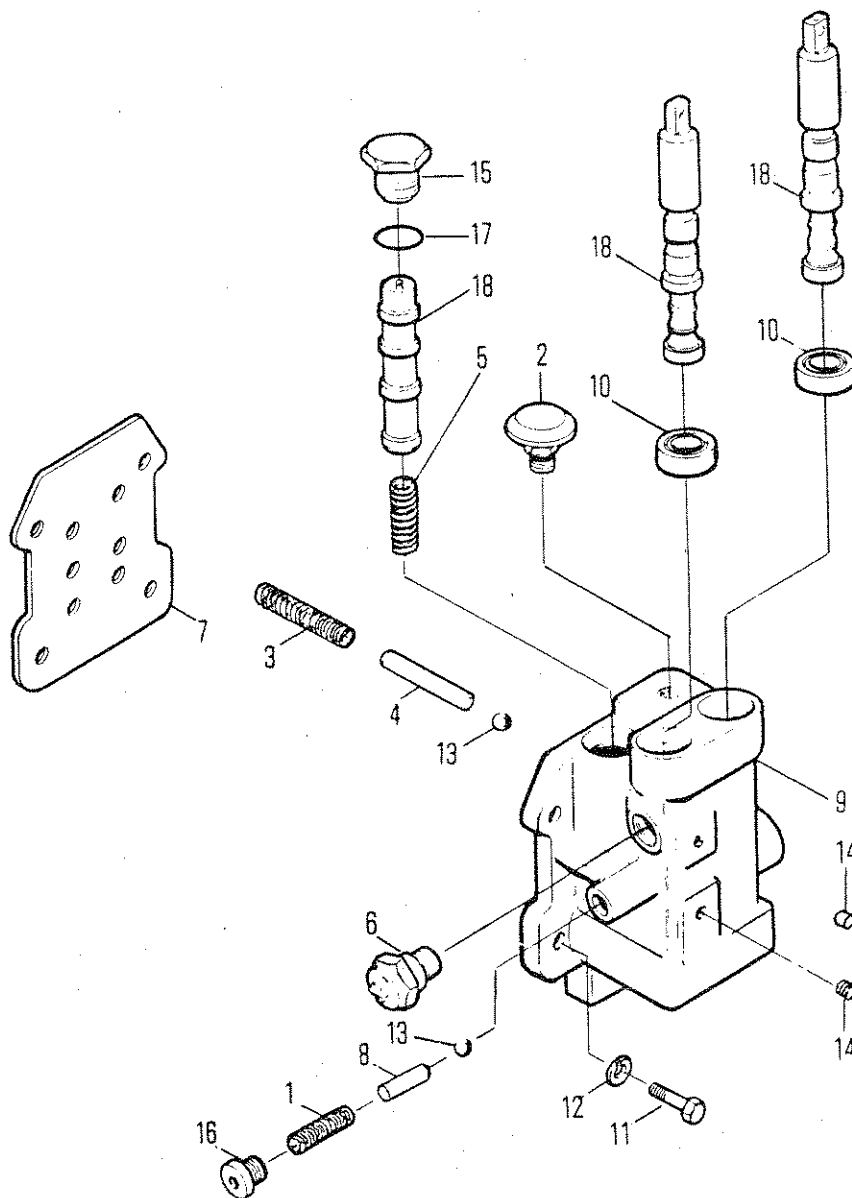


TRANSMISSION CLUTCH ASSEMBLY, HIGH
ENSEMBLE D'EMBRAYAGE DE BOÎTE DE VITESSE, HAUT
GETRIEBE-KUPPLUNGSBAUGRUPPE, HOCH
CONJUNTO EMBREAGEM DA TRANSMISSÃO, ALTA
CONJUNTO TRANSMISIÓN-EMBRAGUE, ALTA

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 dextrémité	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	cj 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 darrêt	Haltering	anel retentor	anillo de retención
21	659065	2	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
22	799595	1	Bearing	palier	Lager	mancal	cojinete
23	945374	1	Ring retaining	bague darrêt	Haltering	anel retentor	anillo de retención
24	10J000006	1	Ball	bille	Kugel	esfera	bola
25	S-----	1	Clutch assy	embrayage ens	Kupplung vollst	embreagem conj	embrague conj

¹ Inc 23

² Inc 2 & 24 (53T)



5259TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	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	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
18	229006	3	Spool	tiroid	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 carretei 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 → 18

³ Inc 17

- ⁴ See A
⁴ Voir A
⁴ Siehe A
⁴ Veja A
⁴ Véase A

666CUM
666GM
666GMGR

500H-101-CAC → 500H-9999-CAC
513H-101-CAC → 513H-9999-CAC
515A-101-CAC → 515A-9999-CAC

526H-101-CAC → 526H-9999-CAC
515H-101-CAC → 515H-9999-CAC

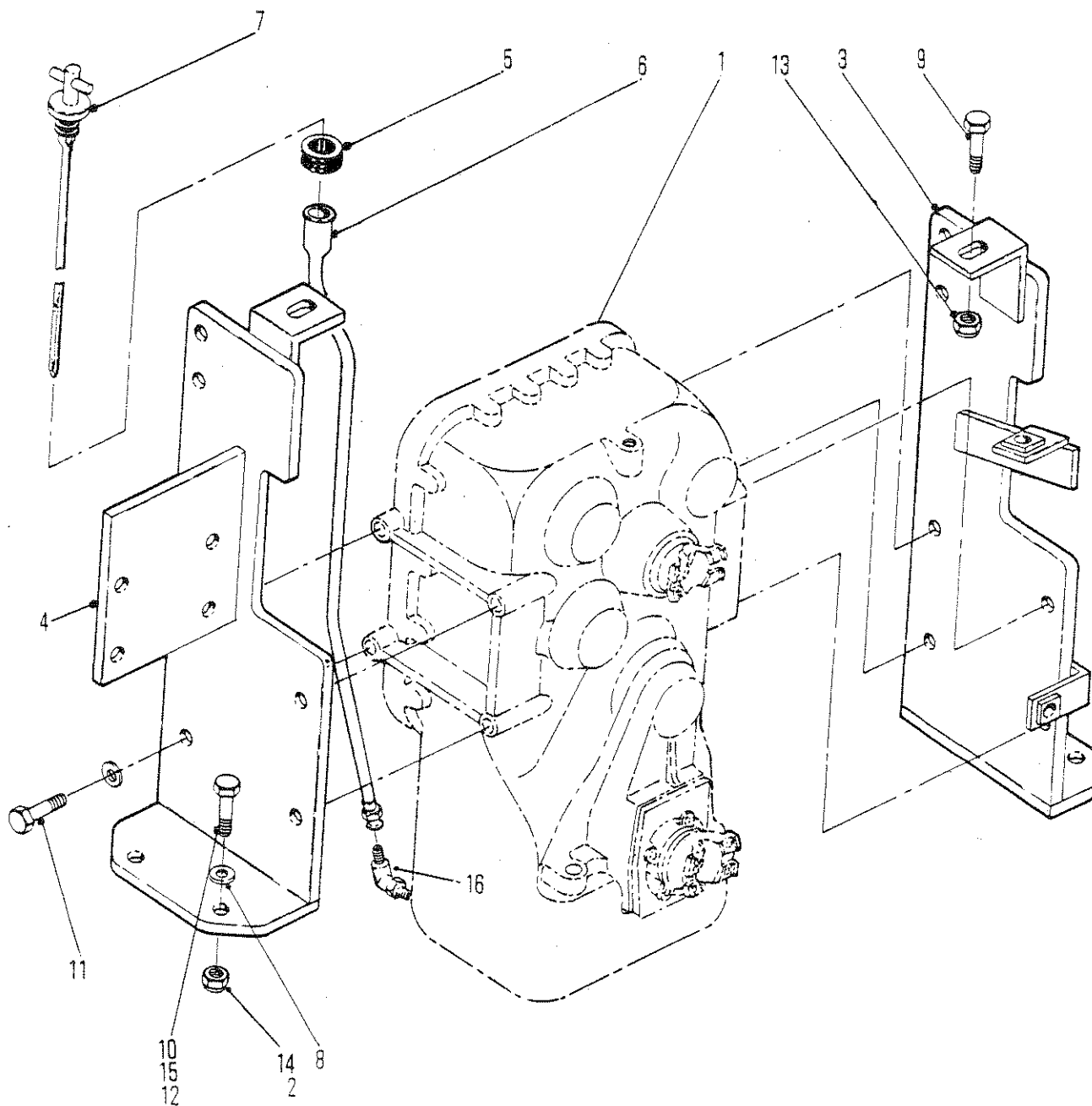
542H-101-CAC → 542H-9999-CAC

Ref 05259TP

006-78

1 D 10

GROUP A 3 13050



5262TP

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

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	○-----	-	Transmission	transmission	Getriebe	transmissão	transmisión
2	185D000012	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
3	1919276	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
4	1919277	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
5	1922834	1	Grommet	oeillet	Augenring	ilhó	arandela pasacable
6	1922868	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	1932321	1	Dipstick	jauge	Messtab	vareta verif	varilla nivel
8	127E000012	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
9	17C000824	2	Bolt	boulon	Boizen	parafuso	bulón
10	18C001240	4	Bolt	boulon	Bolzen	parafuso	bulón
11	33C001228	8	Bolt	boulon	Bolzen	parafuso	bulón
12	17C001248	4	Bolt	boulon	Boizen	parafuso	bulón
13	59D000008	2	Nut	écrou	Mutter	porca	tuerca
14	60D000012	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
15	17C001240	4	Bolt	boulon	Bolzen	parafuso	bulón
16	11K000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo

1 □ 513H-1146 → 2870-CAC, 515H-1121 → 9999-CAC

2 □ 513H-2871 → 9999-CAC, 542H-406 → 9999-CAC

666CUM
666GM
666GMGR

500H-101-CAC → 500H-9999-CAC
513H-101-CAC → 513H-9999-CAC
515H-101-CAC → 515H-9999-CAC

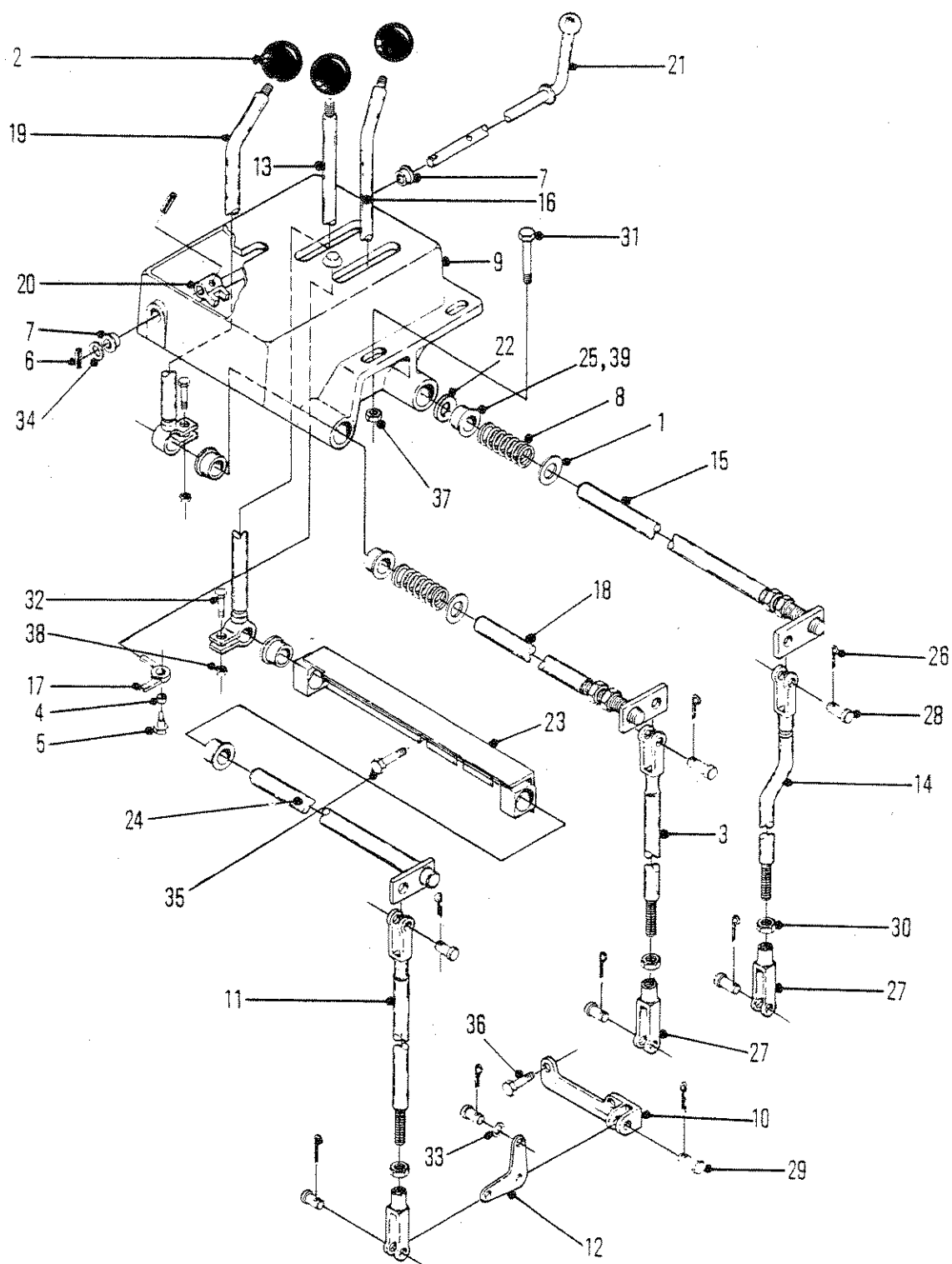
526H-101-CAC → 526H-9999-CAC
542H-101-CAC → 542H-9999-CAC

Ref 05262TP

001-86

1 D 14

GROUP A 3 15125



5267TP

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

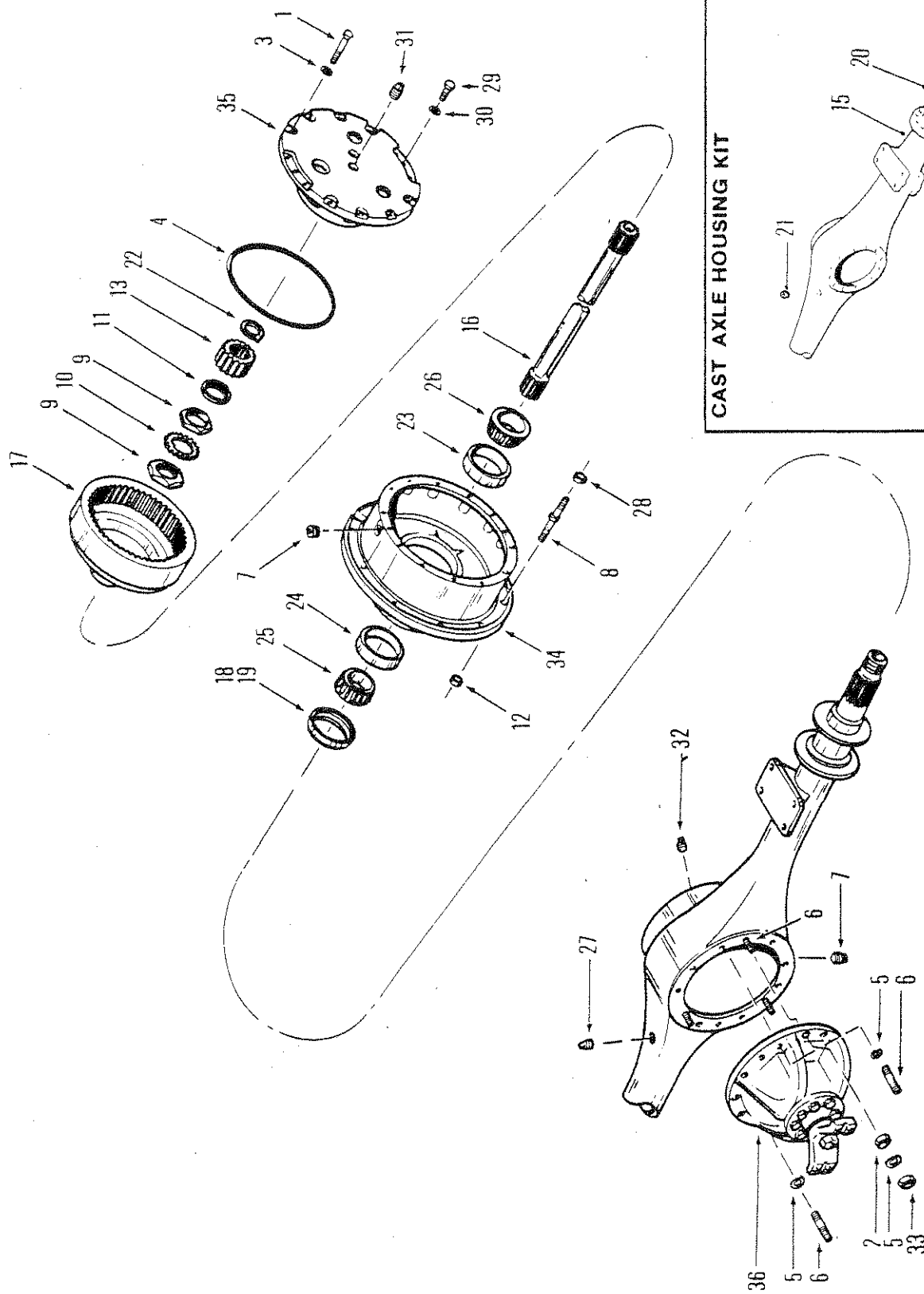
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	201497	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
2	565389	3	Knob	bouton	Knopf	manípula	botón
3	600005	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
4	618388	1	Bushing	chemise	Buchse	bucha	buje
5	663957	1	Screw	vis	Schraube	parafuso	tornillo
6	774483	2	Pin	goupille	Stift	pino	pasador
7	1610636	4	Bushing	chemise	Buchse	bucha	buje
8	1915771	2	Spring	ressort	Feder	mola	resorte
9	1919204	1	Housing	botier	Gehuse	carcaça	carcasa
10	1929577	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
11	1919208	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
12	1919209	1	Bellcrank	levier coudé	Kniehebel	balancinho	balancin
13	1919218	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
14	1919220	1	Clevis assy	ass de la chape	Zughakenheit	conj de forquilha	conj abrazadera
15	1919222	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancin cj
16	1919225	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
17	1919227	1	Lever lock	verrouillage levier	Hebelsperre	trava alavanca	traba palanca
18	1919229	1	Bellcrank assy	levier coudé ens	Kniehebel voll	balancinho cj	balancin cj
19	1919231	1	Lever	levier	Hebel	alavanca	palanca
20	1919233	1	Lock neutral	neutre de serrure	Leerlauf-Abriegelung	fechadura neutra	trabadura neutral
21	1919237	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
22	1321459	-	Washer	rondelle	Scheibe	arruela	arandela
23	1920318	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
24	1920325	1	Shaft assy	arbre ens	Welle vollst	eixo conj	árboi conj
25	565822	6	Bushing	chemise	Buchse	bucha	buje
26	1F000312	10	Pin	goupille	Stift	pino	pasador
27	2J006208	3	Clevis	étrier	Schkel	garfo	horquilla
28	4F006106	9	Pin	goupille	Stift	pino	pasador
29	4F007115	1	Pin	goupille	Stift	pino	pasador
30	8D000006	3	Nut	écrou	Mutter	porca	tuerca
31	17C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
32	18C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
33	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
34	27E000008	1	Washer	rondelle	Scheibe	arruela	arandela
35	33C000724	3	Bolt	boulon	Bolzen	parafuso	bulón
36	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
37	85D000008	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
38	86D000006	3	Nut	écrou	Mutter	porca	tuerca
39	1921131	4	Bushing	chemise	Buchse	bucha	buje

□ 513H-101→705-CAC, 500H-101→415-CAC, 515H-101→610-CAC

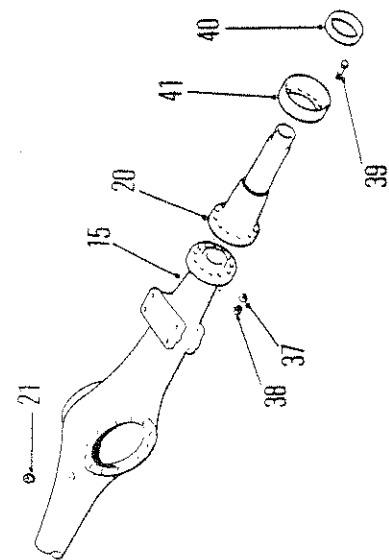
666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC



CAST AXLE HOUSING KIT



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	³ 191799	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	⁷ 191800	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	⁶ 841036	1	Housing kit	ens boitier	Gehäuse vollst	conj carcaca	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	⁴ 121851	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
15	2106470	1	Axle housing	boitier dessieu	Gehäuse Achsen	carcaca 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	² 124325	2	Seal	joint étanchéité	Dichtung	vedador	sello
19	¹ 128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
20	121802	2	Spindle	fusée	Spindel	haste	eje
21	¹ 9F000012	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	renflard	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

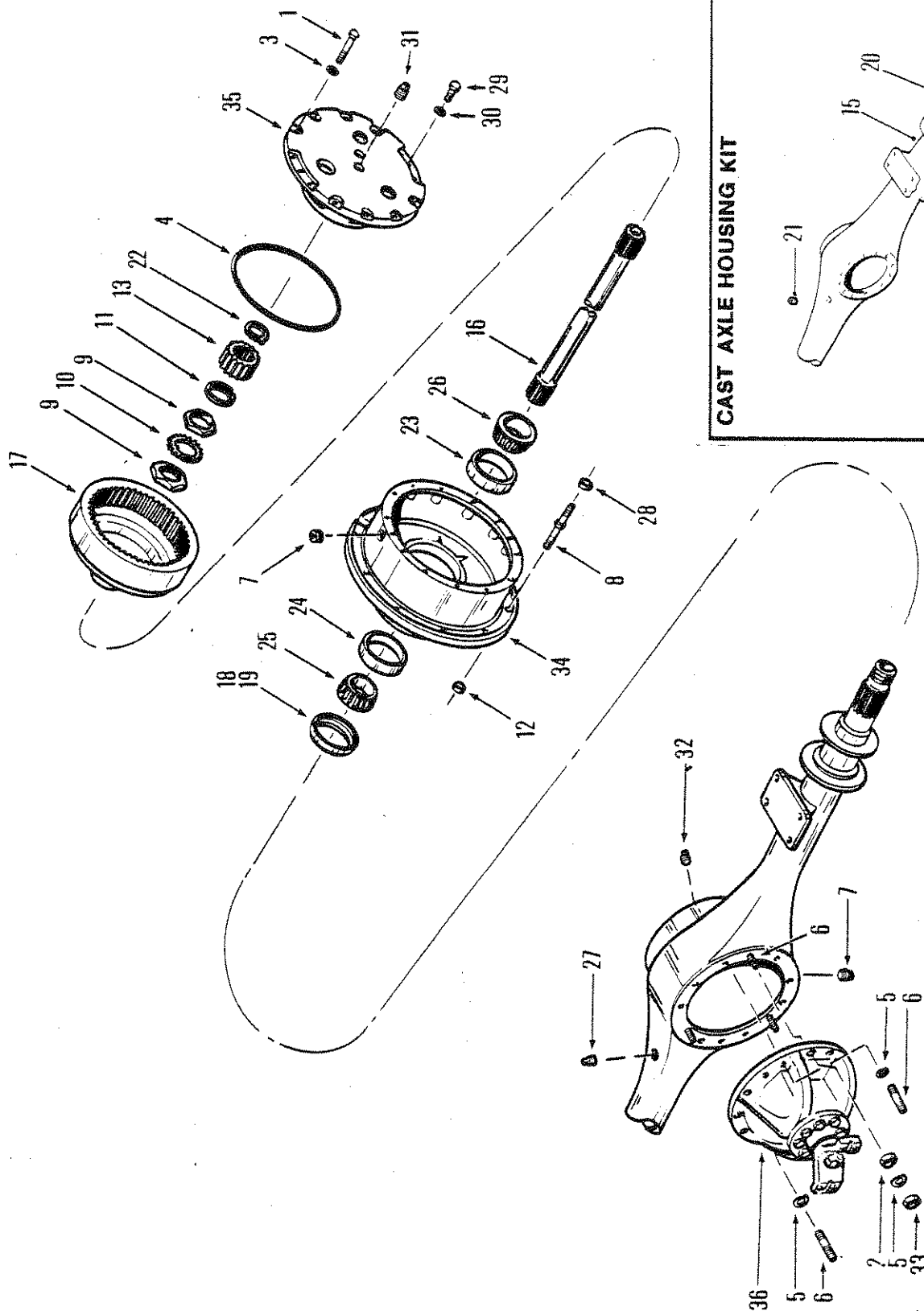
⁷ Standard, without no-spin differential.

⁷ Standard, sans différentiel anti-patinage.

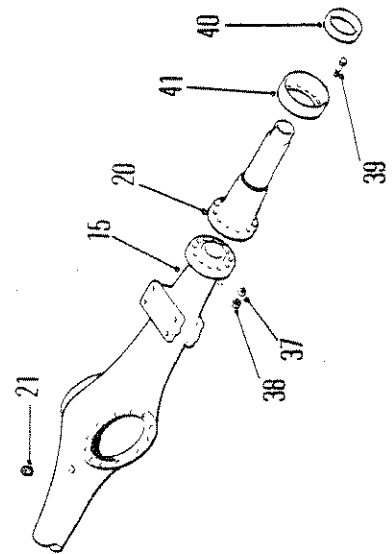
⁷ Serienmäßig, ohne no spin Differential.

⁷ Standard, sem diferencial anti-patinante.

⁷ Standard, sin diferencial anti-patinaje.



CAST AXLE HOUSING KIT



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	⁵ S-----	-	Hub	moyeu	Nabe	cubo	cubo
35	○-----	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
36	○-----	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

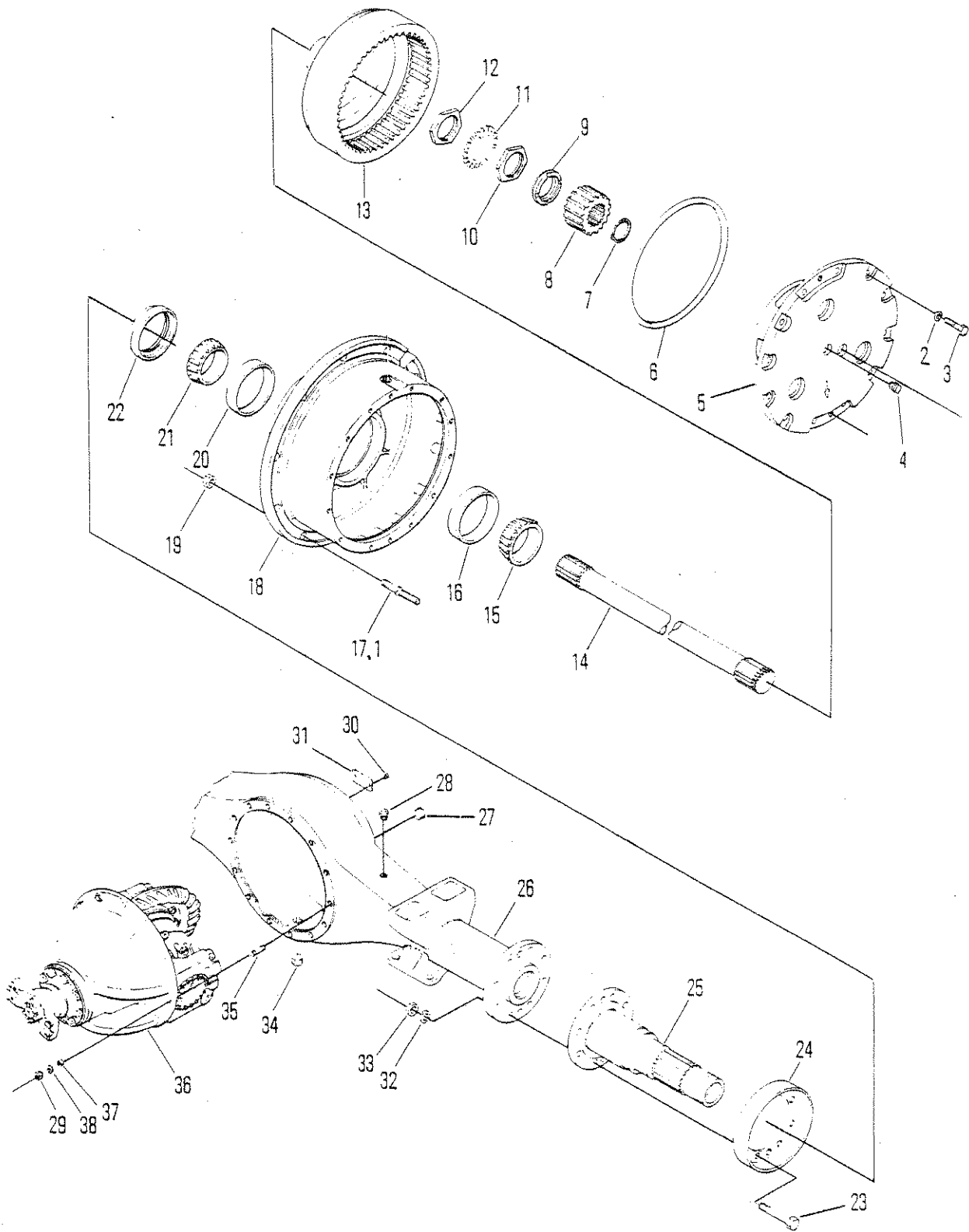
⁷ Standard, without no-spin differential.

⁷ Standard, sans différentiel anti-patinage.

⁷ Serienmässig, ohne no spin Differential.

⁷ Standard, sem diferencial anti-patinante.

⁷ Standard, sin diferencial anti-patinaje.



5980TP

AXLE ASSEMBLY, FRONT-17620

ESSIEU AV, ENSEMBLE-17620

ACHSE VOLLSTÄNDIG, VORDERRADANTRIEB-17620

EIXO DIANTEIRO, CONJUNTO-17620

EJE DELANTERO, CONJUNTO-17620

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	195644	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106965	20	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
2	106762	24	Washer	rondelle	Scheibe	arruela	arandela
3	100593	24	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presión
4	24K000007	2	Plug	bouchon	Stopfen	bujão	tapón
5	0-----	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
6	107348	2	O-ring	joint torique	O Ring	anel-O	anillo-O
7	224026	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
8	126463	2	Gear sun	engrenage principal	Umlaufring	engrenagem solar	engranaje planetario
9	128830	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
10	121013	2	Nut	écrou	Mutter	porca	tuerca
11	121014	2	Nut lock	frein décrou	Schraubensicherung	contraporca	contratuerca
12	121013	2	Nut	écrou	Mutter	porca	tuerca
13	123904	2	Int gear&hub	ingren int&moy	Internes Rad&Nabe	cubo e engr int	engr y cubo int
14	113888	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje
15	675261	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
16	668553	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
17	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
18	12106966	1	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cubeta
19	86D000012	20	Nut	écrou	Mutter	porca	tuerca
20	672004	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
21	672005	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
22	128117	2	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
23	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
24	2107443	2	Protector	protecteur	Schützerinrichtung	protetor	protector
25	129267	2	Spindle	fusée	Spindel	haste	eje
26	113882	1	Housing	botier	Gehuse	carcaça	carcasa
27	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
28	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
29	64D000007	14	Nut	écrou	Mutter	porca	tuerca
30	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
31	120707	1	Name plate	plaque du constructr	Namensschild	placa do nome	placa de nombre
32	104412	20	Washer	rondelle	Scheibe	arruela	arandela
33	106998	20	Nut	écrou	Mutter	porca	tuerca
34	119469	1	Plug	bouchon	Stopfen	bujão	tapón
35	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
36	0-----	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
37	103216	3	Dowel	goujon	Stift	espiga	espiga
38	112278	14	Washer	rondelle	Scheibe	arruela	arandela

¹ Inc 16 & 20

² Inc 1 & 18

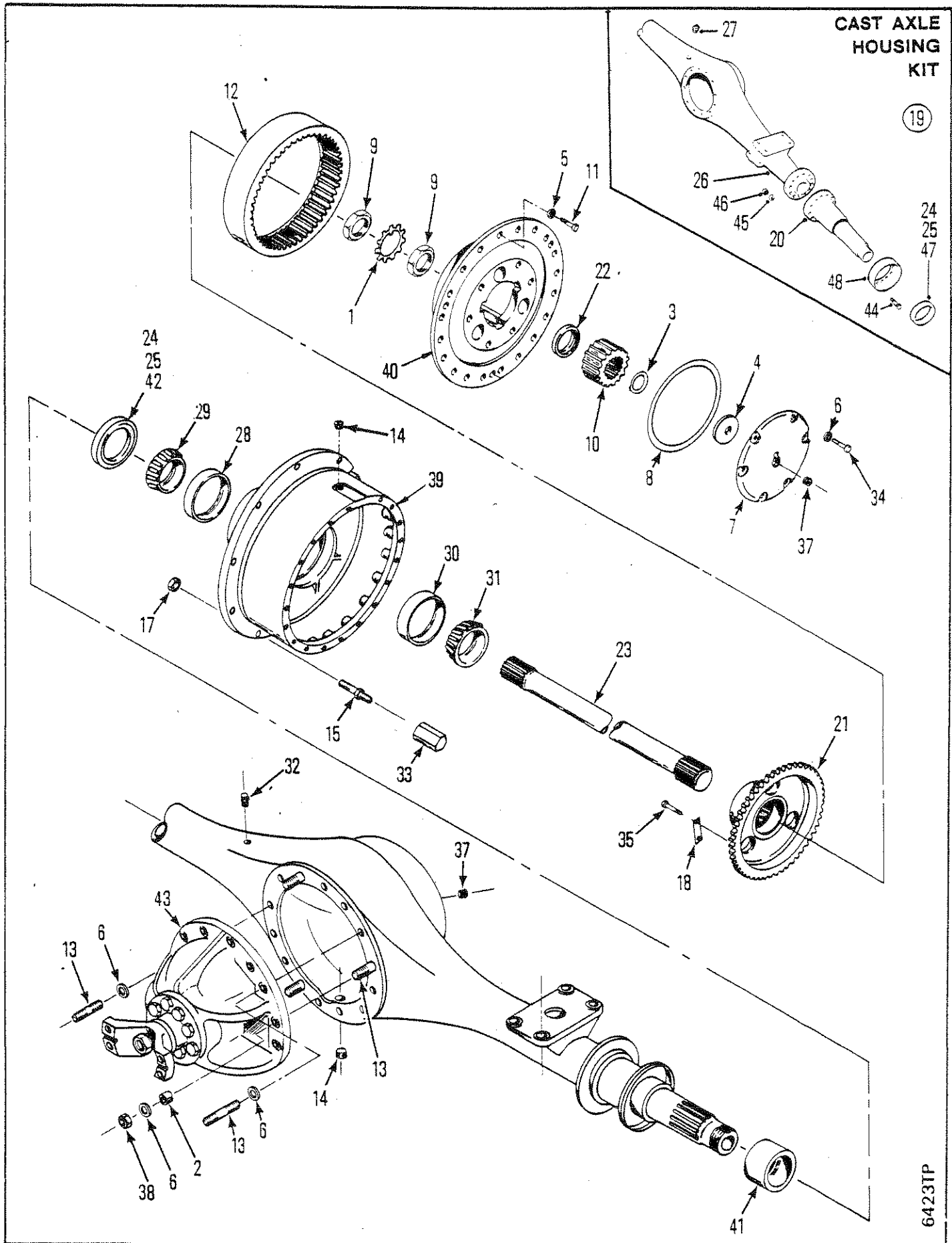
³ Push-in stud

³ goujon d'insertion

³ Einschiebestift

³ empuxe prisioneiro

³ espárrago de inserción



AXLE ASSEMBLY, FRONT - 17900

ESSIEU AV ENSEMBLE - 17900

ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB - 17900

EIXO DIANTEIRO, CONJUNTO - 17900

EJE DELANTERO, CONJUNTO - 17900

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 123514	2	Gear&hub	engren&moyeu	Zahnrad&Nabe	engren&cubo	engran&cubo
B	⁴ 191474	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
C	⁵ 191475	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
1	101274	2	Lock	serrure	Schloss	fechadura	cerradura
2	103216	3	Dowel	goujon	Stift	espiga	espiga
3	106247	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	106457	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
5	106547	40	Washer	rondelle	Scheibe	arruela	arandela
6	112278	27	Washer	rondelle	Scheibe	arruela	arandela
7	113290	2	Cap	chapeau	Kappe	tampa	tapa
8	113292	2	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	114433	4	Nut	écrou	Mutter	porca	tuerca
10	116588	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
11	117225	40	Bolt	boulon	Bolzen	parafuso	bulón
12	119211	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
13	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
14	119469	2	Plug	bouchon	Stopfen	bujão	tapón
15	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
16	[†] 120707	1	Nameplate	plaque du constructr	Namensschild	placa do nome	placa de nombre
17	86D000012	20	Nut	écrou	Mutter	porca	tuerca
18	122701	6	Plate retainer	plaque de maintien	Halteplatte	chapa rententora	placa del retén
19	⁷ 841036	1	Housing kit	ens boitier	Gehäuse vollst	conj carcaça	juego carcasa
20	121802	2	Spindle	fusée	Spindel	haste	eje
21	123515	1	Hub	moyeu	Nabe	cubo	cubo
22	123517	2	Sleeve	manchon	Muffe	luva	manguito
23	123789	2	Shaft	arbre	Welle	ávore	árbol
24	² 124325	2	Seal	joint étanchéité	Dichtung	vedador	sello
25	³ 128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
26	2106470	1	Axle housing	boitier dessieu	Gehäuse Achsen	carcaça eixo	carcasa eje
27	19F000012	1	Bushing	chemise	Buchse	bucha	buje
28	672004	2	Cup	cuvette	Schale	capa	cubeta
29	672005	2	Cone	cône	Kegel	cone	cono
30	742262	2	Cup	cuvette	Schale	capa	cubeta

¹ Inc 12,18,21 & 35

² Replaces 121012 when used with 121169

² Remplace 121012 lorsqu'il est utilisé avec 121169

² Ersetzt 121012, wenn mit 121169 verwendet

² Substitui 121012 quando é usado com 121169

² Reemplaza 121012, cuando es usado con 121169

³ Replaces 121012 alone

³ Remplace 121012 utilisé seul

³ Ersetzt nur 121012

³ Substitui somente 121012

³ Reemplaza solamente 121012

⁴ Standard, without no-spin differential, inc. B,C,1→48

⁴ Standard, sans différentiel anti-patinage, comprend B,C,1→48

⁴ Serienmäßig, ohne so spin Differential, einschl. B,C,1→48

⁴ Standard, sem diferencial anti-patinante, incl. B,C,1→48

⁴ Standard, sin diferencial anti-patinaje, inc. B,C,1→48

⁵ Optional, with no-spin differential, inc. B,C,1→48

⁵ Facultatif, avec différentiel anti-patinage, comprend B,C,1→48

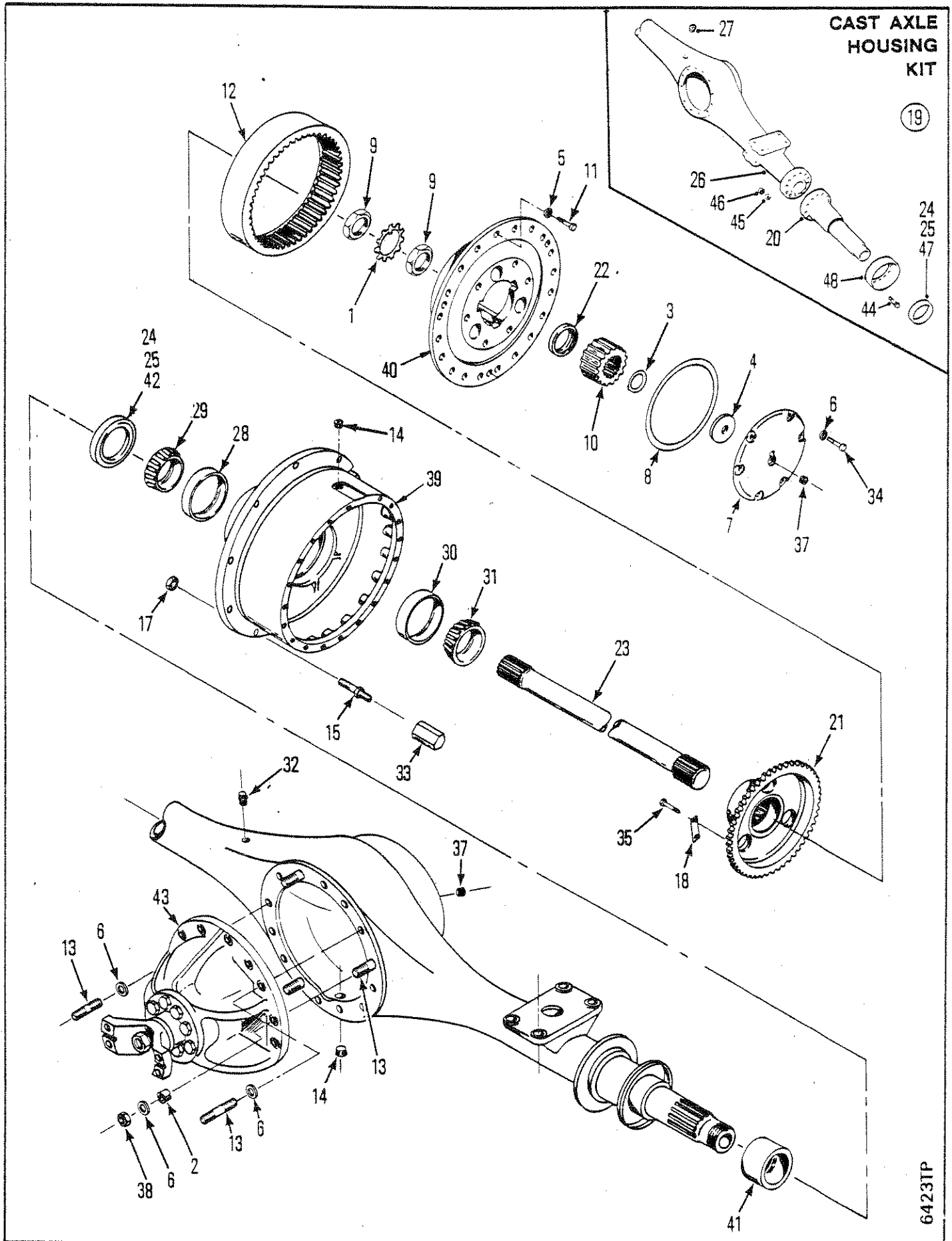
⁵ Wahlweise, mit no-spin Differential, einschl. B,C,1→48

⁵ Facultativo, com diferencial anti-patinante, incl. B,C,1→48

⁵ Opcional, con diferencial anti-patinaje, inc. B,C,1→48

⁶ Inc 15, 17, 28 & 30

⁷ Inc. 20,26,27 & 44→48



AXLE ASSEMBLY, FRONT - 17900

ESSIEU AV ENSEMBLE - 17900

ACHSE VOLLSTÄNDIG, VORDERRANDTRIEB - 17900

EIXO DIANTEIRO, CONJUNTO - 17900

EJE DELANTERO, CONJUNTO - 17900

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
31	742263	2	Cone	cône	Kegel	cone	cono
32	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
33	1900649	20	Nut	écrou	Mutter	porca	tuerca
34	1C000720	12	Bolt	boulon	Bolzen	parafuso	bulón
35	2C000820	24	Bolt	boulon	Bolzen	parafuso	bulón
36	6C0000605	2	Screw	vis	Schraube	parafuso	tornillo
37	11F000012	3	Plug	bouchon	Stopfen	bujão	tapón
38	64D000007	14	Nut	écrou	Mutter	porca	tuerca
39	127109	1	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
40	0-----	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
41	2-----	1	Sleeve	manchon	Muffe	luva	manguito
42	2,3-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
43	0-----	1	Diff carrier assy	ens chassis port dif	Träger Diffagr voll	conj suporte dif	conj sopor
44	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
45	104412	20	Washer	rondelle	Scheibe	arruela	arandela
46	106998	20	Nut	écrou	Mutter	porca	tuerca
47	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
48	2107398	2	Seal	joint étanchéité	Dichtung	vedador	sello

¹ Inc 12,18,21 & 35

² Replaces 121012 when used with 121169

² Remplace 121012 lorsqu'il est utilisé avec 121169

² Ersetzt 121012, wenn mit 121169 verwendet

² Substitui 121012 quando é usado com 121169

² Reemplaza 121012, cuando es usado con 121169

³ Replaces 121012 alone

³ Remplace 121012 utilisé seul

³ Ersetzt nur 121012

³ Substitui somente 121012

³ Reemplaza solamente 121012

⁴ Standard, without no-spin differential, inc. B,C,1→48

⁴ Standard, sans différentiel anti-patinage, comprend B,C,1→48

⁴ Serienmäßig, ohne so spin Differential, einschl. B,C,1→48

⁴ Standard, sem diferencial anti-patinante, incl. B,C,1→48

⁴ Standard, sin diferencial anti-patinaje, inc. B,C,1→48

⁵ Optional, with no-spin differential, inc. B,C,1→48

⁵ Facultatif, avec différentiel anti-patinage, comprend B,C,1→48

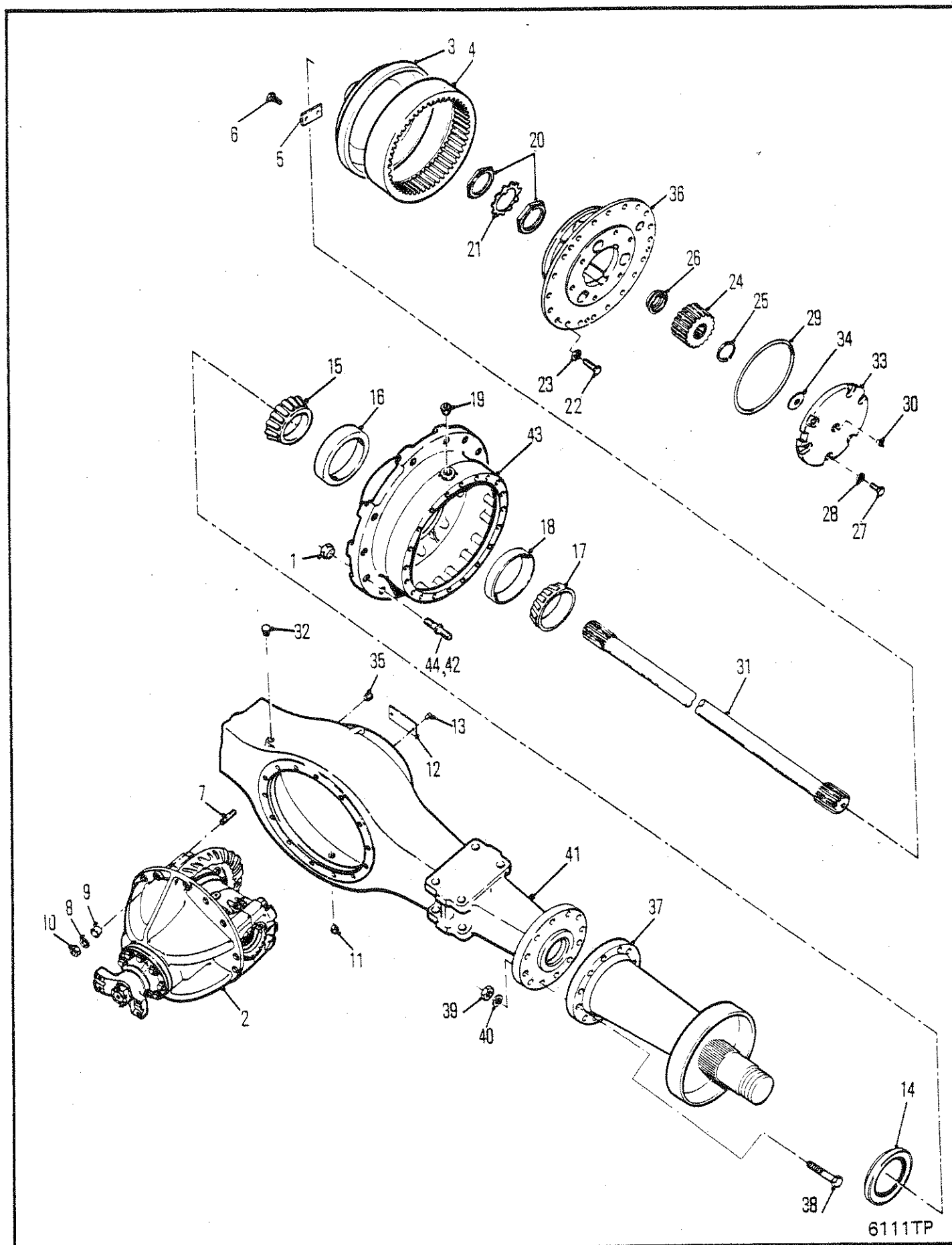
⁵ Wahlweise, mit no-spin Differential, einschl. B,C,1→48

⁵ Facultativo, com diferencial anti-patinante, incl. B,C,1→48

⁵ Opcional, con diferencial anti-patinaje, inc. B,C,1→48

⁶ Inc 15, 17, 28 & 30

⁷ Inc. 20,26,27 & 44→48



AXLE ASSEMBLY, FRONT 17630
ESSIEU AV, ENSEMBLE 17630
ACHSE VOLLSTÄNDIG, VORDERRANTRIEB 17630
EIXO DIANTEIRO, CONJUNTO 17630
EJE DELANTERIO, CONJUNTO 17630

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1195722	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2123514	2	Gear&hub	engren&moyeu	Zahnrad&Nabe	engren&cubo	engran&cubo
C	2106974	1	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	86D000012	20	Nut	écrou	Mutter	porca	tuerca
2	0-----	-	Diff carrier assy	ens chassis port dif	Träger Diffflagr voll	conj suporte dif	conj sopor
3	119211	1	Hub	moyeu	Nabe	cubo	cubo
4	123515	1	Gear	engrenage	Zahnrad	engrenagem	engranaje
5	122701	6	Plate retainer	plaque de maintien	Halteplatte	chapa rententora	placa del retén
6	2C0000820	12	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
7	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
8	112278	14	Washer	rondelle	Scheibe	arruela	arandela
9	103216	3	Dowel	goujon	Stift	espiga	espiga
10	64D000007	14	Nut	écrou	Mutter	porca	tuerca
11	119469	1	Plug	bouchon	Stopfen	bujão	tapón
12	120707	1	Nameplate	plaque du constructr	Namensschild	placa do nome	placa de nombre
13	6C0000605	2	Screw	vis	Schraube	parafuso	tornillo
14	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
15	672005	2	Cone	cône	Kegel	cone	cono
16	672004	1	Cup	cuvette	Schale	capa	cubeta
17	742263	2	Cone	cône	Kegel	cone	cono
18	742262	1	Cup	cuvette	Schale	capa	cubeta
19	119469	2	Plug	bouchon	Stopfen	bujão	tapón
20	114433	4	Nut	écrou	Mutter	porca	tuerca
21	101274	2	Lock	serrure	Schloss	fechadura	cerradura
22	117225	40	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
23	106547	40	Washer	rondelle	Scheibe	arruela	arandela
24	126515	2	Sun gear	engrenage principal	Umlauftring	engrenagem solar	engrenaje planetario
25	224026	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
26	128815	2	Ring	anneau	Ring	anel	anillo
27	1C0000720	12	Capscrew	vis à tête	Kopfschraube	parafuso de cabeça	tornilla de presió
28	112278	12	Washer	rondelle	Scheibe	arruela	arandela
29	113292	2	Ring	anneau	Ring	anel	anillo
30	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
31	2106043	2	Shaft	arbre	Welle	ávore	árbol
32	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
33	113290	1	Cover	couvercle	Deckel	tampa	tapa
34	106457	1	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
35	16F000006	1	Plug	bouchon	Stopfen	bujão	tapón
36	0-----	-	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
37	2106041	2	Spindle&seal	fusée&joint	Spindel&Dichtung	haste&vedador	eje y sello
38	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
39	106998	20	Nut	écrou	Mutter	porca	tuerca
40	104412	20	Washer	rondelle	Scheibe	arruela	arandela
41	113882	1	Housing	botier	Gehuse	carcaça	carcasa
42	52106309	20	Stud	goujon	Stift	prisioneiro	espárrago
43	42106366	1	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cubeta
44	113929	20	Stud	goujon	Stift	prisioneiro	espárrago

1 Standard with no-spin differential Inc 2→45
1 Standard, avec différentiel anti-patinage comprend 2→45
1 Serienmässig, mit no spin Differential, einschli 2→45
1 Standard, com diferencial anti-patinaje, incl. 2→45
1 Standard, con diferencial anti-patinaje, inc. 2→45

2 Inc 3→6

3 Inc 42 & 43

4 Inc 16 & 18

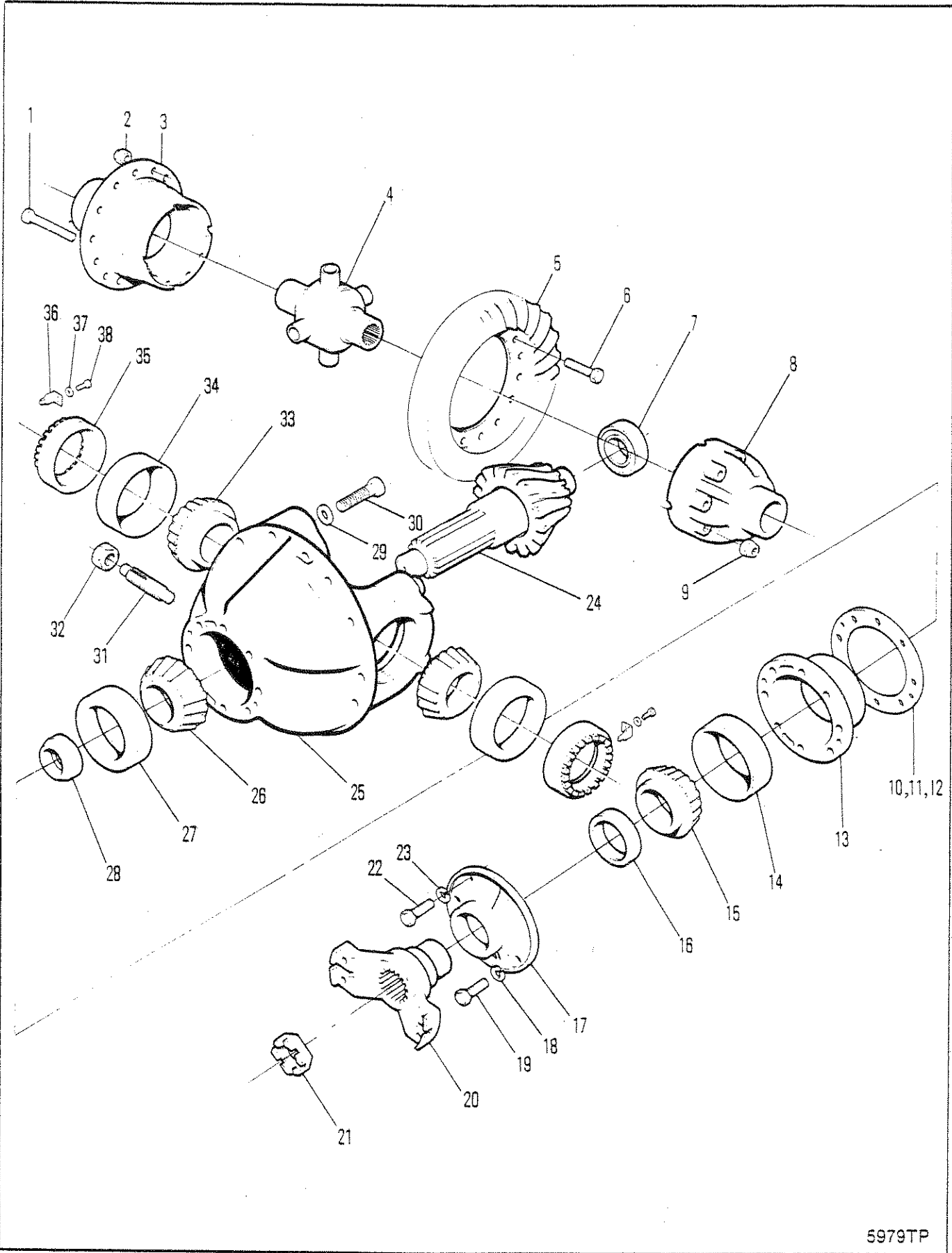
5 Push-in stud

5 goujon d'insertion

5 Einschlebestift

5 empuxe prisioneiro

5 espárrago de inserción



5979TP

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	1127991	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	Flanschlfte	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	Boit	bouion	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	bride	Flansch	flange	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	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 tête	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 décrou	Schraubensicherung	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) Beilag 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

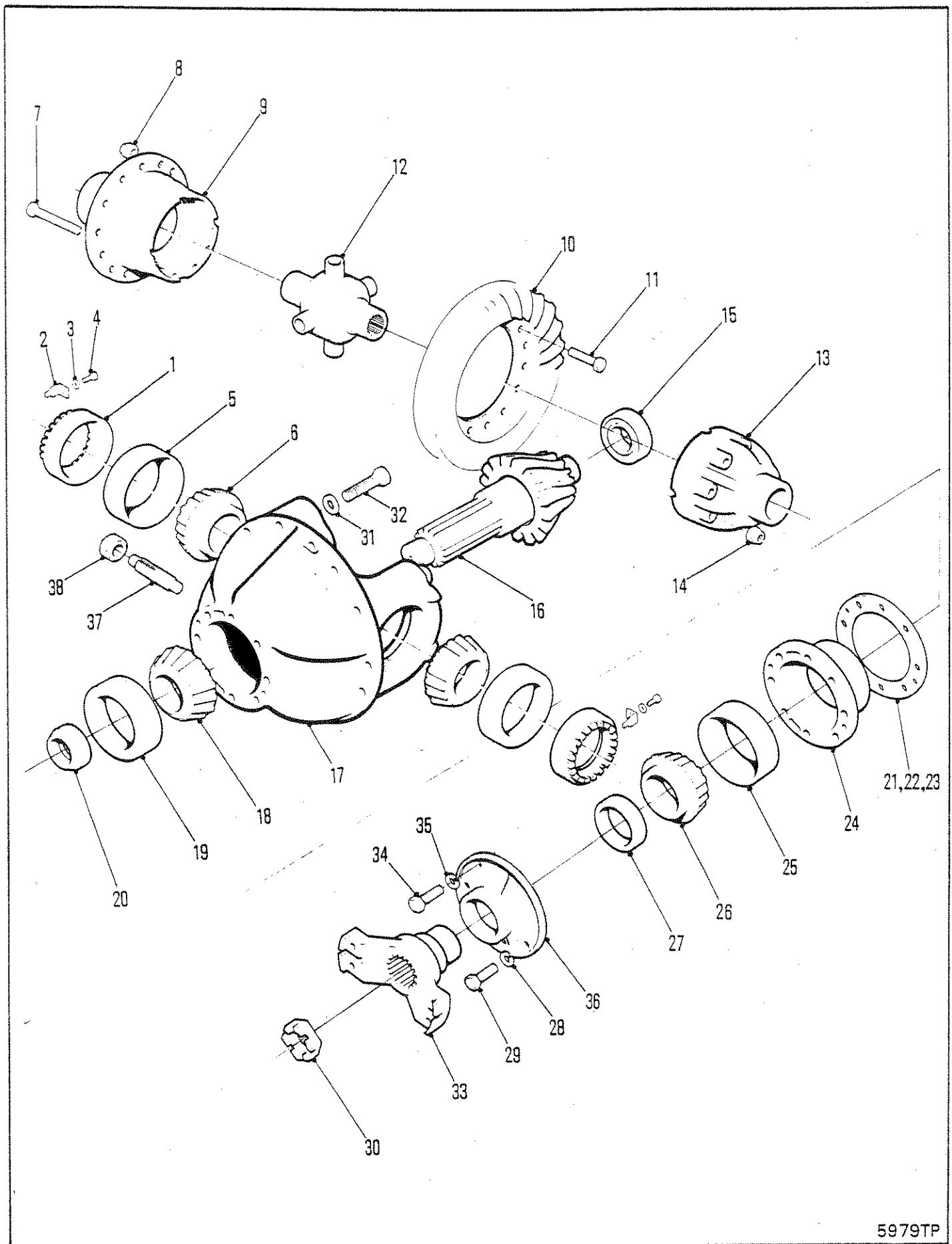
7 Inc B, E, 1→4, 6, 8 & 9

666CUM
666GM
666GMGR

500H-101-CAC→500H-735-CAC
513H-101-CAC→513H-850-CAC
515H-101-CAC→515H-1014-CAC

513H-853-CAC→513H-995-CAC

513H-998-CAC→513H-1000&1002



5979TP

DIFFERENTIAL & CARRIER ASSEMBLY, FRONT-17620, 17630 & 17210
ENSEMBLE DE DIFFÉRENTIEL & PORTE-PLAN, AVANT-17620, 17630 & 17210
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, VORNE-17620, 17630 & 17210
CONJUNTO DO DIFERENCIAL & SUPORTE, DIANTEIRO-17620, 17630 & 17210
CONJUNTO DE DIFERENCIAL & SOPORTE, DELANTERO-17620, 17630 & 17210

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128300	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaça cj	dif carcasa cj
C	127205	1	Diff Assy	différential ens	Differential voll	diferencial conj	diferencial conj
D	118150	1	Rng gear&pin set	ens cour dentée goup	Teillerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
E	126133	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
1	128300	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
2	126468	2	Nut lock	frein écrou	Schraubensicherung	contraporca	contratuercas
3	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1C000614	2	Bolt	boulon	Boizen	parafuso	bulón
5	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
6	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
7	17C000856	12	Bolt	boulon	Boizen	parafuso	bulón
8	86D000008	12	Nut	écrou	Mutter	porca	tuerca
9	§-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
10	§-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
11	100176	12	Bolt	boulon	Boizen	parafuso	bulón
12	126136	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
13	§-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
14	106762	12	Washer	rondelle	Scheibe	arruela	arandela
15	675536	1	Bearing	palier	Lager	mancal	cojinete
16	§-----	1	Pinion	pignon	Ritzel	pinhão	pion
17	112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
18	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
19	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
20	840446	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jogo	espaciador jgo
21	112354	-	Shim	cale	Beilage	calço	planchita
22	125577	-	Shim	cale	Beilage	calço	planchita
23	125576	-	Shim	cale	Beilage	calço	planchita
24	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
25	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
26	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
27	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
28	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	17C000932	5	Bolt	boulon	Boizen	parafuso	bulón
30	238026	1	Nut	écrou	Mutter	porca	tuerca
31	26E000012	4	Washer	rondelle	Scheibe	arruela	arandela
32	123830	4	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presión
33	106081	1	Flange	bride	Flansch	flange	brida
34	17C000828	1	Bolt	boulon	Boizen	parafuso	bulón
35	4E000008	1	Washer	rondelle	Scheibe	arruela	arandela
36	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
37	123800	1	Screw	vis	Schraube	parafuso	tornillo
38	8D000014	1	Nut	écrou	Mutter	porca	tuerca

1 515H-1015→1020-CAC, 542H-101→9999-CAC

2 Inc.31&32

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

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

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

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

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

4 Inc D,E,11,12

5 Use Loctite 277 as sealant on inside surface

5 Utiliser Loctite 277 pur sceller la surface intérieure

5 Loctite 277 als Dichtmittel für Innenseite benutzen

5 Usar Loctite 277 para vedar as superficies internas

5 Usar Loctite 277 como sellador de las superficies interiores

6 Inc 10 & 16

7 Inc E,7,9,12,13,14

666CUM
666GM
666GMGR

500H-736-CAC→500H-9999-CAC
513H-851,852,996,997,1001CA
515H-1015-CAC→515H-1020-CAC

513H-1003-CAC→513H-9999-CAC
542H-101-CAC→542H-9999-CAC

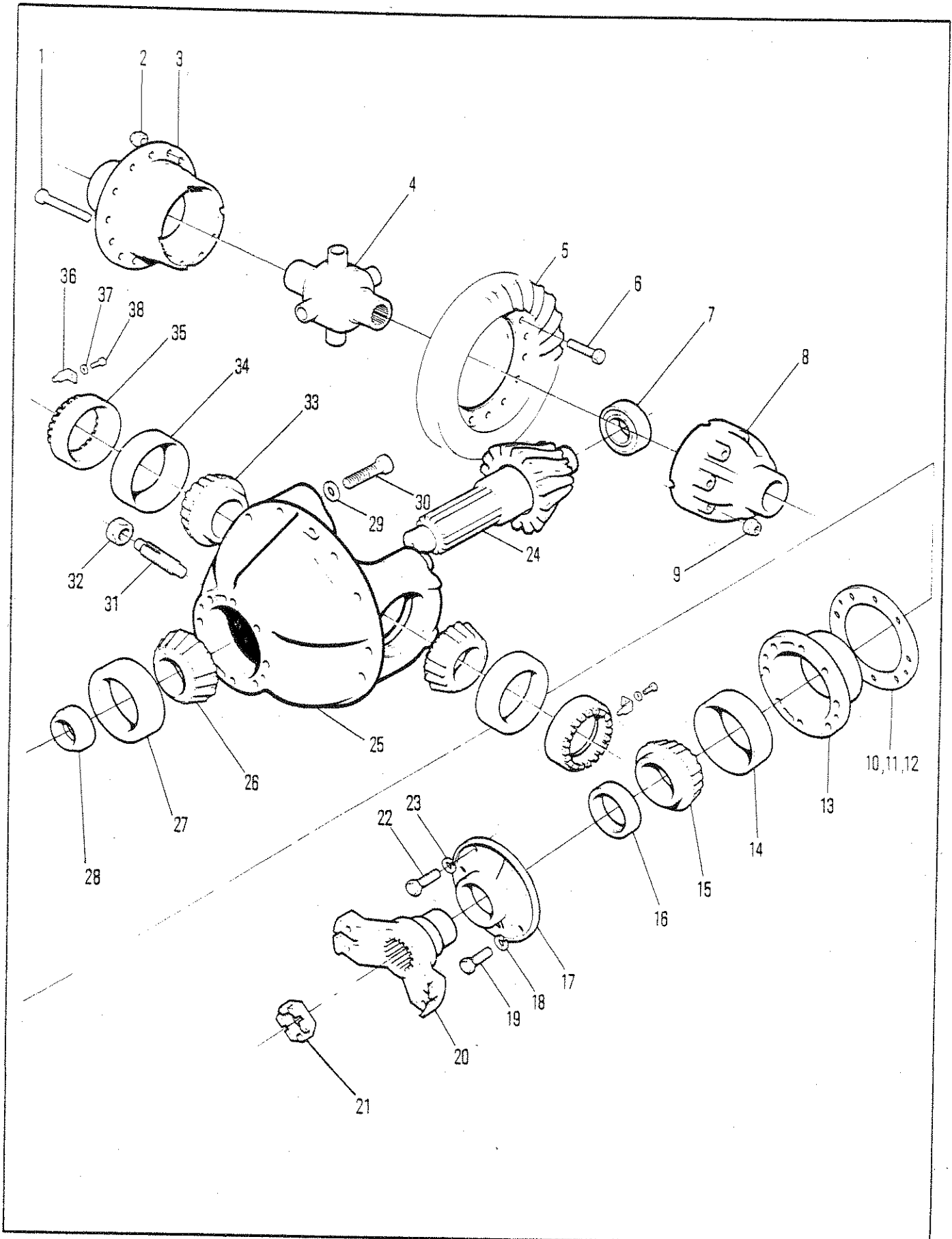
526H-101-CAC→526H-9999-CAC

Ref 05979TP

001-86

1 E 13

GROUP A 4 15025



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	1127994	1	Diff&Carr assy	ens dif porte-plan	Diff&Träger voll	conj difer&sup	conj difer&sop
B	2124436	1	Diff case assy	boitier differential	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
C	3124435	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
D	4112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
E	5118150	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzlstz	jogo coroa&pinhão	jg corona&pasador
F	7124886	1	Diff assy	différentiel 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	bride	Flansch	flange	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	boitier	Gehuse	carcaça	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 jgo	espaciador jgo
29	4E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	123830	4	Capscrew	vis tête	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) Beilag 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

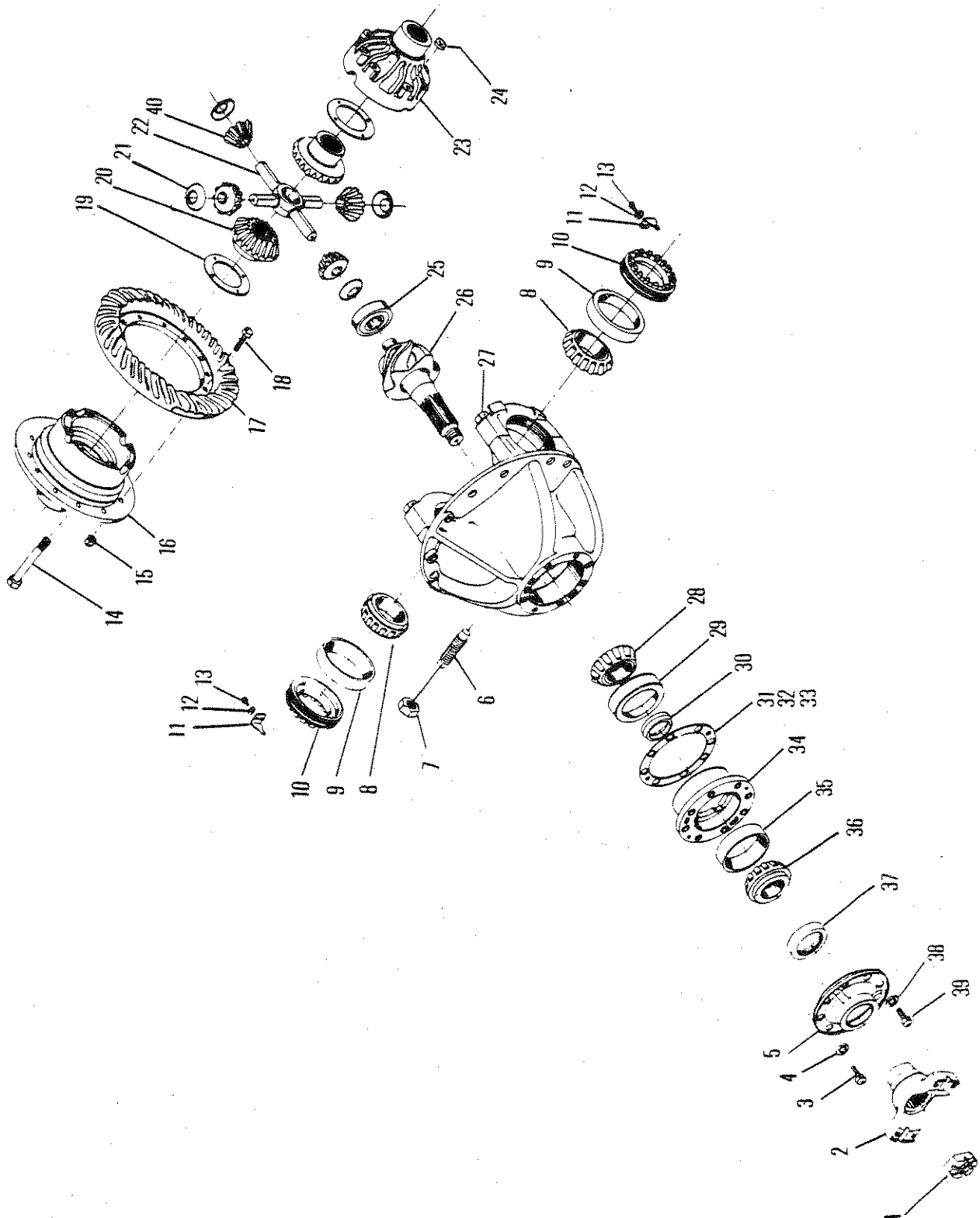
7 Inc B, E, 1→4, 6, 8 & 9

666CUM
 666GM
 666GMGR

500H-101-CAC→500H-735-CAC
 513H-101-CAC→513H-850-CAC
 515H-101-CAC→515H-1014-CAC

513H-853-CAC→513H-995-CAC

513H-998-CAC→513H-1000&1002



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	126894	1	Diff case assy	boîtier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
C	124444	1	Diff body	corps de diff	Differentialkörper	corpo do dif	cuerpo diferenc
D	112279	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
E	118150	1	Ring gear&pin set	ens cour dentée goup	Tellerrad&Ritzstz	jogo coroa&pinhão	jg corona&pasador
F	124179	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
G	816099	1	Gear kit	engrenage jeu	Zahnradatz	engrenagem jogo	engranaje juego
1	2107447	1	Nut	écrou	Mutter	porca	tuerca
2	106081	1	Flange	bride	Flansch	flange	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 jogo	espaciador jgo

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 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 20 & 40

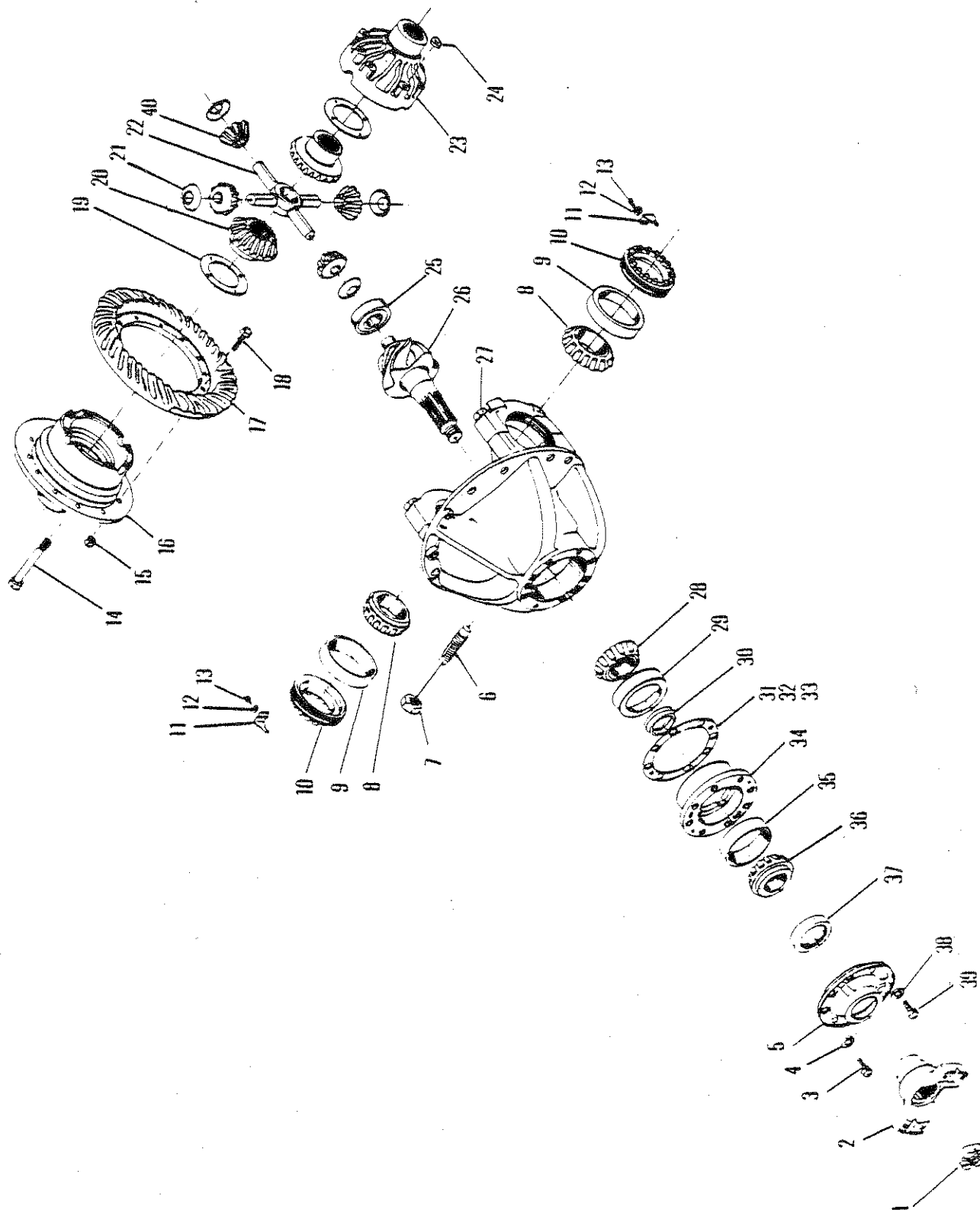
9 See item G

666CUM
 666GM
 666GMGR

500H-101-CAC→500H-735-CAC
 513H-101-CAC→513H-850-CAC
 515H-101-CAC→515H-1014-CAC

513H-853-CAC→513H-995-CAC

513H-998-CAC→513H-1000&1002



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
31	112354	-	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	Ritzzellagerkäfig	grade rol pinhão	jaula coj piñon
35	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
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, einschli 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 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 20 & 40

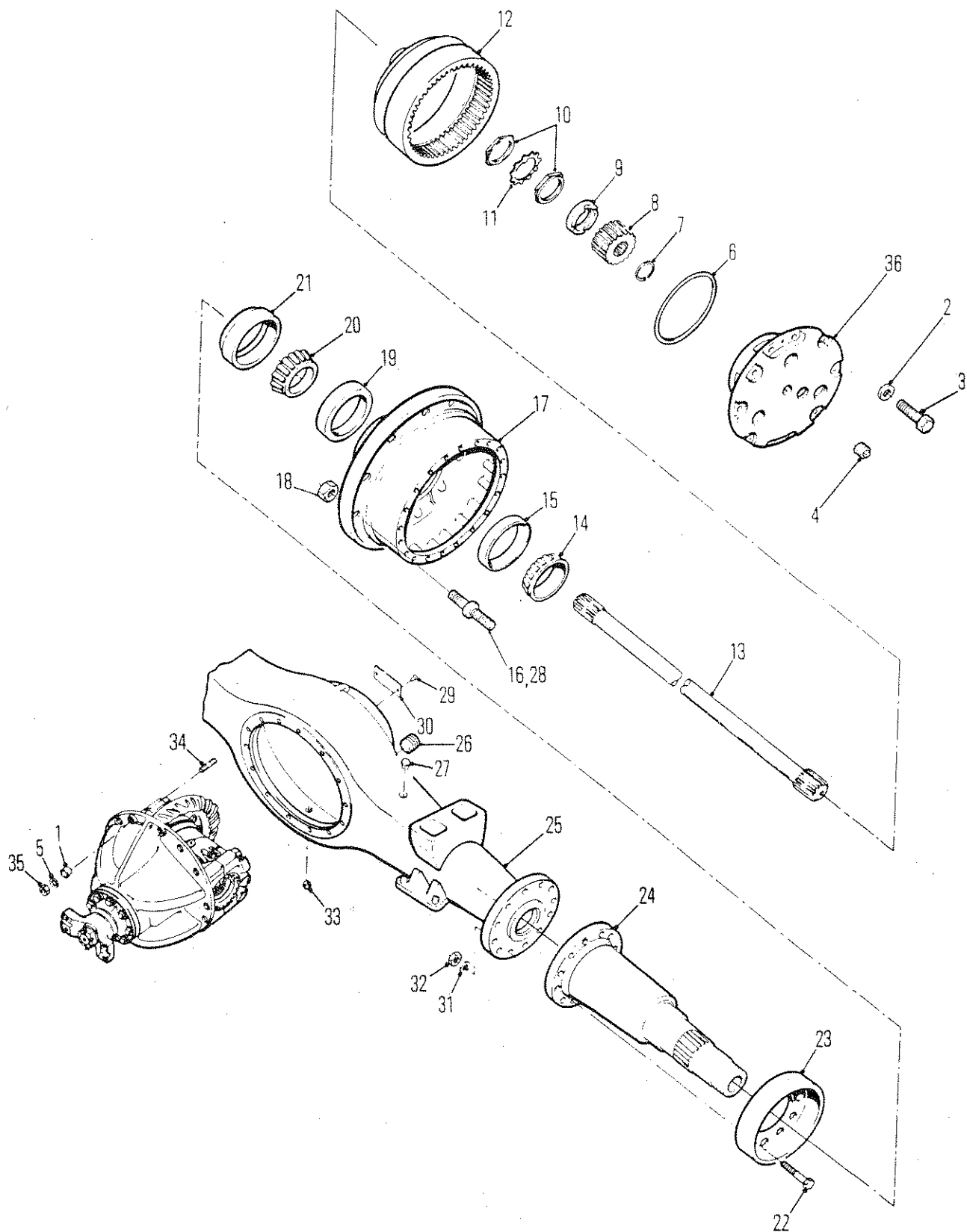
⁹ See item G

666CUM
666GM
666GMGR

500H-101-CAC→500H-735-CAC
513H-101-CAC→513H-850-CAC
515H-101-CAC→515H-1014-CAC

513H-853-CAC→513H-995-CAC

513H-998-CAC→513H-1000&1002



6521TP

AXLE ASSEMBLY, REAR-17620
ESSIEU AR ENSEMBLE-17620
ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB-17620
EIXO TRASEIRO CONJUNTO-17620
EJE TRASERO CONJUNTO-17620

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	195645	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106965	1	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
C	12106966	2	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
E	0-----	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
1	103216	3	Dowel	goujon	Stift	espiga	espiga
2	106762	24	Washer	rondelle	Scheibe	arruela	arandela
3	100593	24	Capscrew	vis àtête	Kopfschraube	parafuso de cabeça	tornilla de presión
4	24K000007	2	Plug	bouchon	Stopfen	bujão	tapón
5	112278	14	Washer	rondelle	Scheibe	arruela	arandela
6	107348	2	O-ring	joint torique	O Ring	anel-O	anillo-O
7	224026	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
8	126463	2	Gear sun	engrenage principal	Umlaufring	engrenagem solar	engranaje planetario
9	128830	2	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
10	121013	4	Nut	écrou	Mutter	porca	tuerca
11	121014	2	Nut	écrou	Mutter	porca	tuerca
12	123904	2	Gear & hub	engren et moyeu	Zahnrad & Nabe	engren & cubo	engran & cubo
13	113888	2	Shaft	arbre	Welle	ávore	árbol
14	675261	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
15	668553	2	Bearing cup	coupelle de roui	Lagerschale	copo do rolamento	taza del conj
16	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
17	S-----	2	Hub	moyeu	Nabe	cubo	cubo
18	86D000012	20	Nut	écrou	Mutter	porca	tuerca
19	672004	2	Bearing cup	coupelle de roui	Lagerschale	copo do rolamento	taza del conj
20	672005	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
21	128117	2	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
22	117336	20	Stud	goujon	Stift	prisioneiro	espárrago
23	2107443	2	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
24	129267	2	Spindle	fusée	Spindel	haste	eje
25	113883	1	Housing	botier	Gehuse	carcaça	carcasa
26	11F000012	1	Plug	bouchon	Stopfen	bujão	tapón
27	955743	1	Breather assy	souffleur	Entlüftereinheit	conj de respirador	conj respirador
28	2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
29	6C000605	2	Screw	vis	Schraube	parafuso	tornillo
30	120707	1	Name plate	plaque duconstructr	Namensschild	placa do nome	placa de nombre
31	104412	20	Washer	rondelle	Scheibe	arruela	arandela
32	106998	20	Nut	écrou	Mutter	porca	tuerca
33	119469	1	Plug	bouchon	Stopfen	bujão	tapón
34	119270	14	Stud	goujon	Stift	prisioneiro	espárrago
35	64D000007	14	Nut	écrou	Mutter	porca	tuerca
36	0-----	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj

¹ Inc 15,17&19

² Inc 16,17,18&28

³ Push-in stud

³ goujon dinsertion

³ Einschiebestift

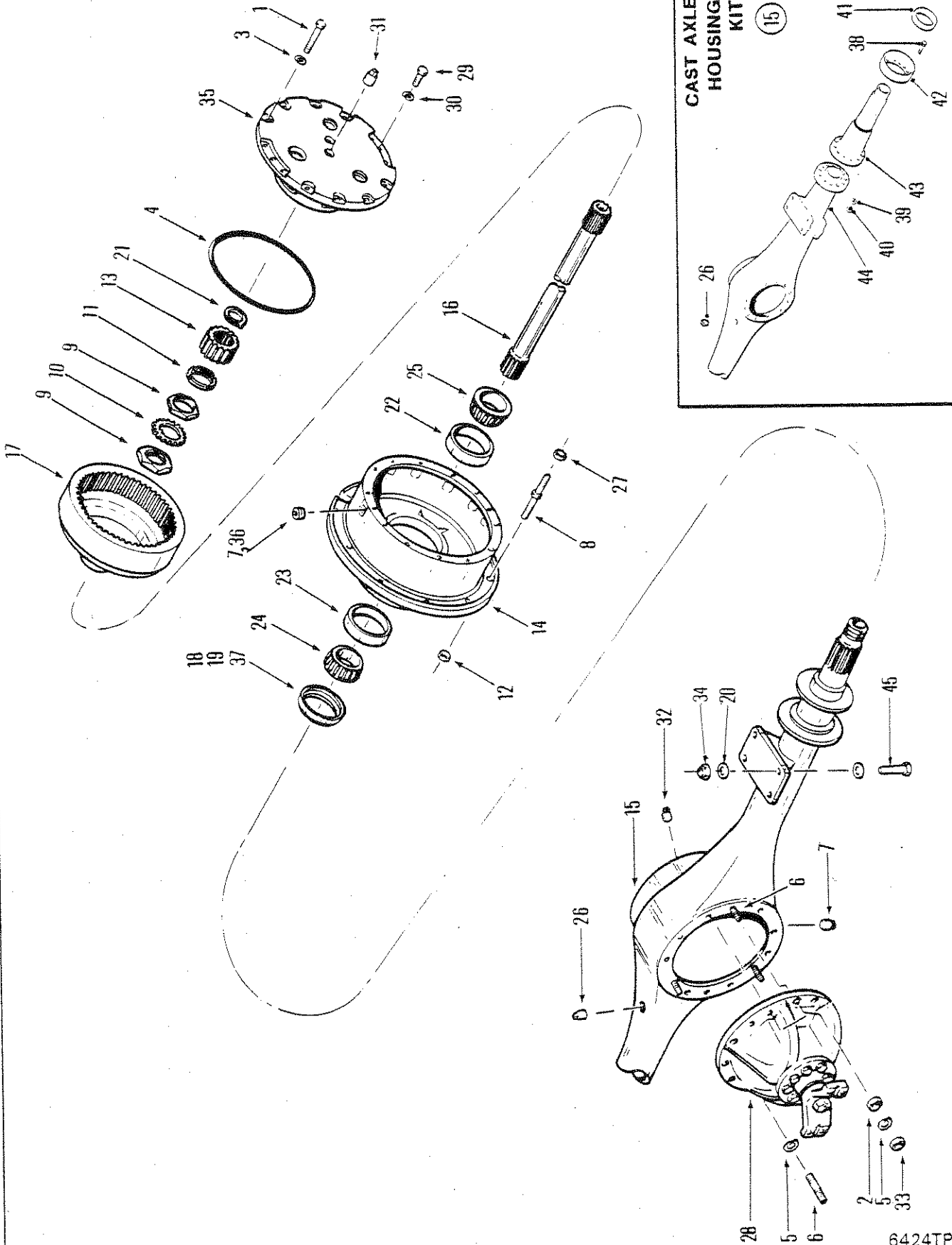
³ empuxe prisioneiro

³ espárrago de inserción

⁴ Inc B,C,D,E, & 2→35

CAST AXLE HOUSING KIT

(15)



6424TP

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 4,1	193474	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 décrou	Sraubensicherung	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	Umlaufring	engrenagem solar	engrenaje planetario
14	2121851	2	Hub assy	moyeu ens	Nabe vollst	cubo conj	cubo conj
15	3841037	1	Housing kit	ens boitier	Gehäuse vollst	conj carcaca	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	5+124325	2	Seal	joint étanchéité	Dichtung	vedador	sello
19	5+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 suporte 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 planèteair ens	Planetentraeger voll	sup planet conj	sop planet conj
36	19F000012	1	Bushing	chemise	Buchse	bucha	buje
37	5-----	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	128117	2	Seal	joint étanchéité	Dichtung	vedador	sello
42	2107398	2	Seal	joint étanchéité	Dichtung	vedador	sello
43	816098	2	Spindle kit	ensemble fusée	Spindel vollst	jogo de haste	juego de huso
44	2106473	1	Housing	boitier	Gehuse	carcaca	carcasa
45	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón

1 Inc 1→45

2 Inc 8, 12 & 24

3 Inc. 36, 38→44

4 514H-101→730-CAC

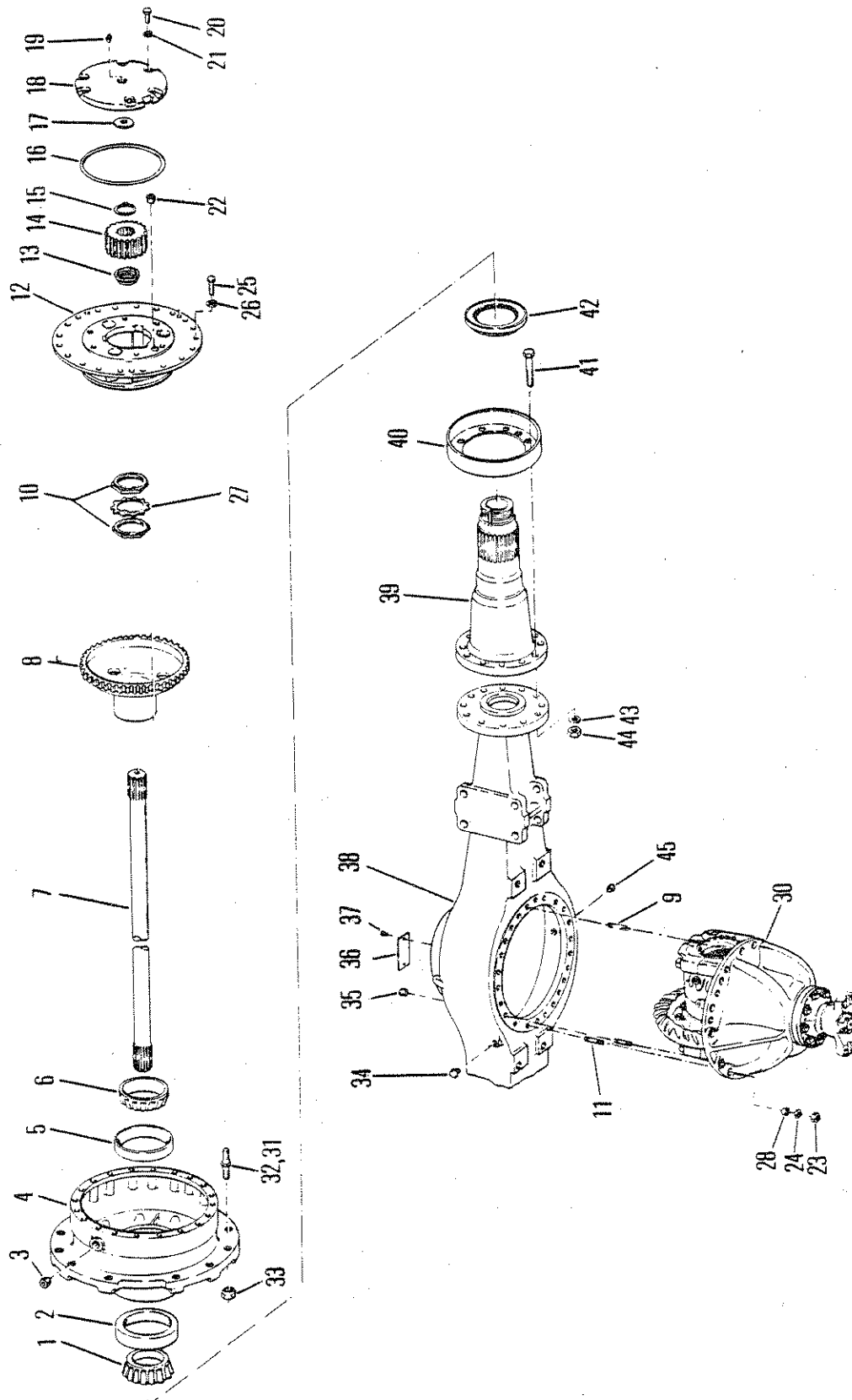
5 When 121012 is used alone, replace with 128117 seal. When 121012 is used with 121169 sleeve, replace the pair with 124325 oil seal.

5 Lorsque 121012 est utilisé seul, le remplacer par le joint 128117. Lorsque 121012 est utilisé avec le manchon 121169, remplacer les deux

5 Wenn Posten 121012 allein verwendet wird, durch Dichtung 128117 ersetzen. Bei Verwendung von 121012 mit Buchse 121169.

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

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



6001TP

REAR DRIVE AXLE ASSEMBLY 19600 HEAVY DUTY
ESSIEU AR, ENSEMBLE 19600 SERVICE DUR
ACHSE VOLLSTÄNDIG, HINTERRADANTRIEB 19600 HOCHLEISTUNGS-AUSFÜHRUNG
EIXO TRASEIRO CONJUNTO 19600 SERVIÇO PESADO
EJE TRASERO, CONJUNTO 19600 EXTRA-FUERTE REFORZADO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	187625	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106971	2	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
1	127819	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
2	774024	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
3	119469	2	Plug	bouchon	Stopfen	bujão	tapón
4	2106367	2	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
5	742262	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del conj
6	742263	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
7	112077	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje
8	125602	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
9	126416	2	Stud	goujon	Stift	prisioneiro	espárrago
10	110559	4	Nut	écrou	Mutter	porca	tuerca
11	126416	2	Stud	goujon	Stift	prisioneiro	espárrago
12	0-----	2	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
13	119853	2	Ring	anneau	Ring	anel	anillo
14	116588	2	Gear	engrenage	Zahnrad	engrenagem	engranaje
15	106247	2	Ring	anneau	Ring	anel	anillo
16	113292	2	O-ring	joint torique	O Ring	anel-O	anillo-O
17	106457	2	Washer	rondelle	Scheibe	arruela	arandela
18	4113289	2	Cap	chapeau	Kappe	tampa	tapa
19	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
20	1C0000720	12	Bolt	boulon	Bolzen	parafuso	bulón
21	112278	12	Washer	rondelle	Scheibe	arruela	arandela
22	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
23	64D000008	14	Nut	écrou	Mutter	porca	tuerca
24	106762	14	Washer	rondelle	Scheibe	arruela	arandela
25	117225	40	Bolt	boulon	Bolzen	parafuso	bulón
26	106547	40	Washer	rondelle	Scheibe	arruela	arandela
27	118786	2	Lock	serrure	Schloss	fechadura	cerradura
28	112287	3	Dowel	goujon	Stift	espiga	espiga
29	126416	10	Stud	goujon	Stift	prisioneiro	espárrago
30	0-----	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
31	52106309	20	Stud	goujon	Stift	prisioneiro	espárrago
32	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
33	86D000012	20	Nut	écrou	Mutter	porca	tuerca
34	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
35	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
36	120707	1	Plate	plaque	Platte	placa	placa
37	6C0000605	2	Screw	vis	Schraube	parafuso	tornillo
38	124200	1	Housing	botier	Gehuse	carcaça	carcasa
39	123945	2	Spindle end	bout de fuseau	Weilenende	term do carretel	extremo del huso
40	2107400	2	Seal oil	jnt étanchéité huile	Idichtung	vedação de óleo	sello de aceite
41	18C001048	20	Bolt	boulon	Bolzen	parafuso	bulón
42	125769	2	Seal	joint étanchéité	Dichtung	vedador	sello
43	104412	40	Washer	rondelle	Scheibe	arruela	arandela
44	106998	40	Nut	écrou	Mutter	porca	tuerca
45	119469	1	Plug	bouchon	Stopfen	bujão	tapón

1 No longer available. Inc B & 1 → 45
 1 N'est plus disponible. Inc B & 1 → 45
 1 Nicht mehr erhältlich. Inc B & 1 → 45
 1 Não está mais disponível. Inc B & 1 → 45
 1 No se produce más. Inc B & 1 → 45

2 Inc 4 & 31

3 Inc 2 & 5

4 Inc 17

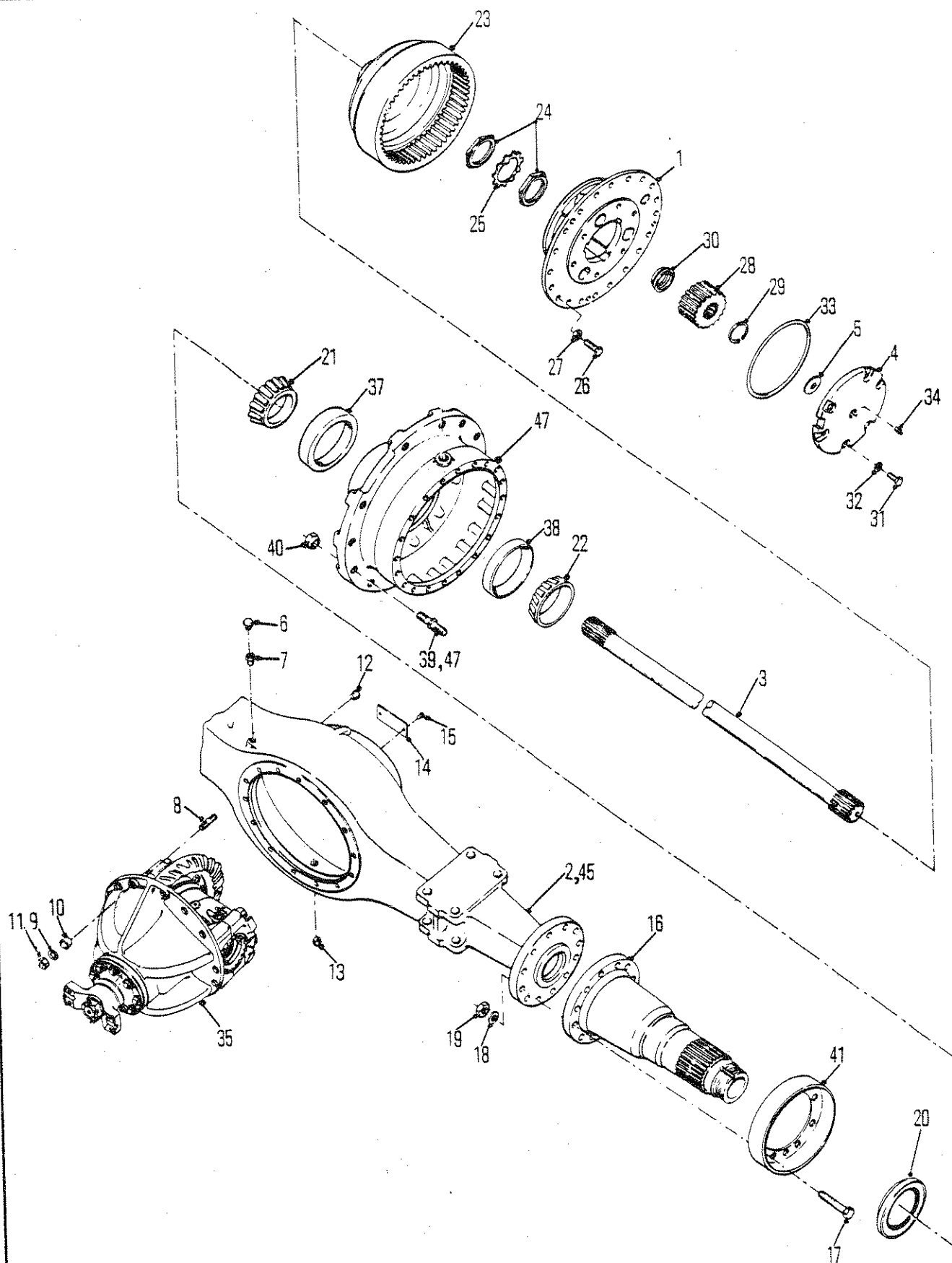
5 Push-in stud

5 goujon d'insertion

5 Einschiestift

5 empuxe prisioneiro

5 espárrago de inserción



6102TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1187990	1	Axle assy	essieu ensemble	Achse vollst	eixo conjunto	eje conjunto
B	2106971	1	Hub&stud assy	ens moyeu&goujon	Nabe&Bolzen voll	cj cubo&prisioneiro	cj cubo&perno
C	2106367	1	Hub&cup assy	ens moyeu&coupelle	Nabe&Schale vollst	conj cubo&copo	conj cubo&cupeta
1	0-----	-	Diff & carrier	dif porte-plan	Diff & Träger	difer & suporte	difer & soporte
2	2106786	1	Housing	botier	Gehuse	carcaça	carcasa
3	2106712	2	Axle shaft	arbre dessieu	Achsenwelle	haste eixo	barra eje
4	5124601	1	Cover	couvercle	Deckel	tampa	tapa
5	106457	1	Washer	rondelle	Scheibe	arruela	arandela
6	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
7	19F000002	1	Reducer	réducteur	Reduzierstück	reductor	reductor
8	126416	14	Stud	goujon	Stift	prisioneiro	espárrago
9	106762	14	Washer	rondelle	Scheibe	arruela	arandela
10	112287	3	Dowel	goujon	Stift	espiga	espiga
11	64D000008	14	Nut	écrou	Mutter	porca	tuerca
12	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
13	119469	1	Plug	bouchon	Stopfen	bujão	tapón
14	120707	1	Plate	plaque	Platte	placa	placa
15	6C0000605	2	Screw	vis	Schraube	parafuso	tornillo
16	125768	2	Spindle	fusée	Spindel	haste	eje
17	18C001048	20	Bolt	boulon	Bolzen	parafuso	bulón
18	104412	40	Washer	rondelle	Scheibe	arruela	arandela
19	106998	20	Nut	écrou	Mutter	porca	tuerca
20	125769	2	Seal	joint étanchéité	Dichtung	vedador	sello
21	127819	2	Cone	cône	Kegel	cone	cono
22	742263	2	Cone	cône	Kegel	cone	cono
23	125602	2	Hub	moyeu	Nabe	cubo	cubo
24	110559	4	Nut	écrou	Mutter	porca	tuerca
25	118786	2	Lock	serrure	Schloss	fechadura	cerradura
26	117225	40	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presiô
27	106547	40	Washer	rondelle	Scheibe	arruela	arandela
28	116588	2	Sun gear	engrenage principal	Umlaufring	engrenagem solar	engrenaje planetario
29	106247	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
30	119853	2	Ring	anneau	Ring	anel	anillo
31	1C0000720	12	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presiô
32	112278	12	Washer	rondelle	Scheibe	arruela	arandela
33	113292	2	Ring	anneau	Ring	anel	anillo
34	16F000012	2	Plug	bouchon	Stopfen	bujão	tapón
35	0-----	1	Planet carrier	port planétaire	Planetträger	sup planet	sup planet
36	2106309	20	Stud	goujon	Stift	prisioneiro	espárrago
37	774024	1	Cup	cuvette	Schale	capa	cupeta
38	742262	1	Cup	cuvette	Schale	capa	cupeta
39	113929	20	Stud	goujon	Stift	prisioneiro	espárrago
40	86D000012	20	Nut	écrou	Mutter	porca	tuerca
41	2107397	2	Protector	protecteur	Schützerinrichtung	protetor	protector

¹ Inc B, C, & 1 → 41

² Inc 36

³ Inc 37 & 38

⁴ Push-in stud

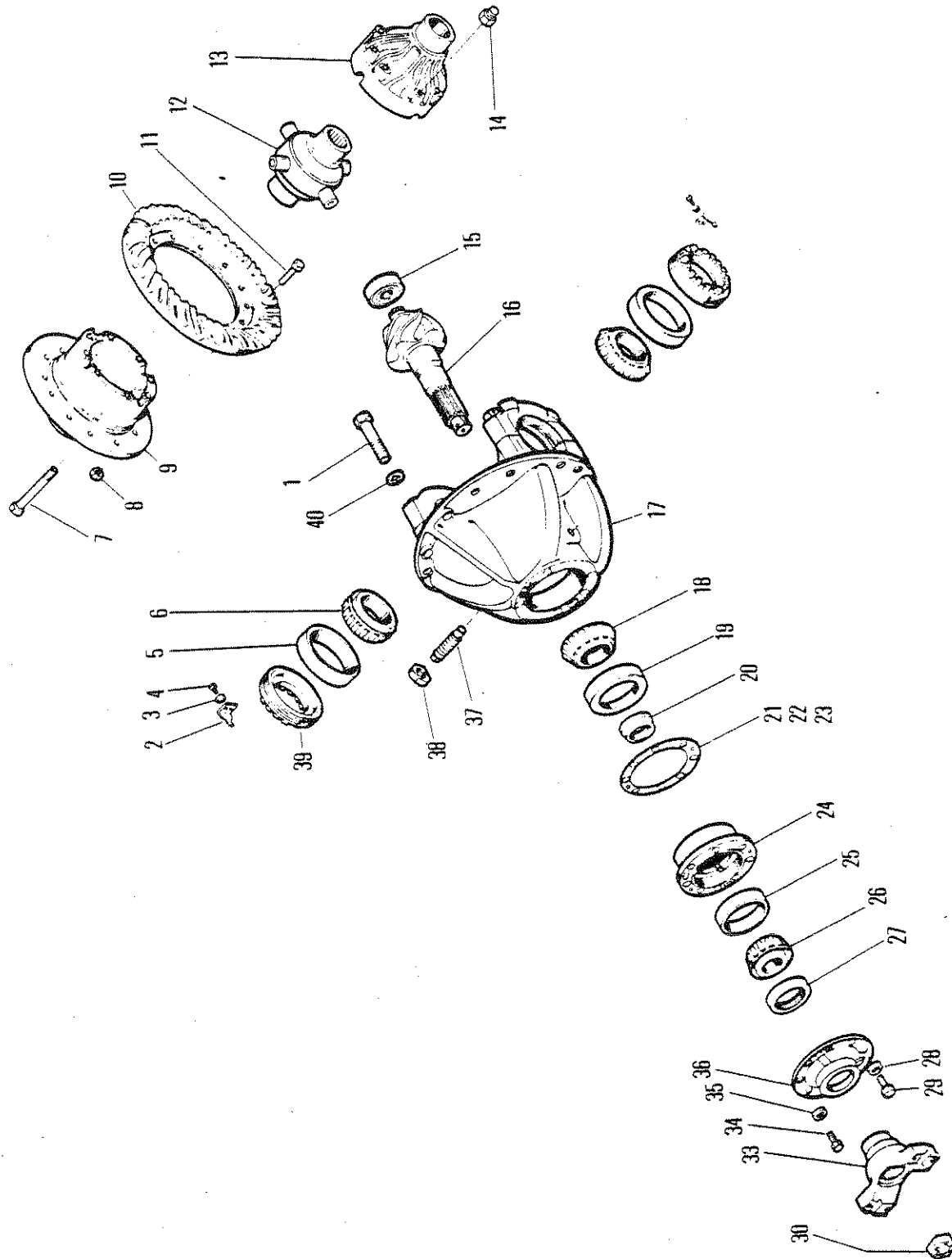
⁴ goujon d'insertion

⁴ Einschiebestift

⁴ empuxe prisioneiro

⁴ espárrago de inserción

⁵ Inc 5



DIFFERENTIAL & CARRIER ASSEMBLY-REAR 17620, 17210
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINET, ARRIÈRE-17620, 17210
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN 17620, 17210
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA 17620, 17210
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO 17620, 17210

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	128990	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	126133	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
C	126894	1	Diff case assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
D	110127	1	Ring gear set	ens cour dentée	Zahnkranzatz	jôgo corôa	juego corona
1	123830	4	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presión
2	126468	2	Nut lock	frein écrou	Sraubensicherung	contraporca	contratuerca
3	4E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1C000614	2	Bolt	boulon	Bolzen	parafuso	bulón
5	675249	2	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
6	675248	2	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
7	17C000856	12	Bolt	boulon	Bolzen	parafuso	bulón
8	18D000008	12	Nut	écrou	Mutter	porca	tuerca
9	38-----	1	Flange half	demi-flasque	Flanschhilfe	meia flange	media brida
10	38-----	1	Ring gear	couronne dentée	Zahnkranz	corôa	corona
11	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
12	126136	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
13	38-----	1	Plain half	môtié lisse	Glatte Hilfe	metada simples	mitad sencilla
14	106762	12	Washer	rondelle	Scheibe	arruela	arandela
15	675536	1	Pinion bearing	roul du pignon	Ritzellager	rolamento do pinhão	coj piñón
16	38-----	1	Pinion	pignon	Ritzel	pinhão	pion
17	128981	1	Carr&cap assy	ens bouch&porteur	träger&verschluss	cj cobert&veiculo	capota&transportador
18	667277	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
19	667278	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj
20	840446	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
21	112354	-	Shim	cale	Beilage	calço	planchita
22	125576	-	Shim	cale	Beilage	calço	planchita
23	125577	-	Shim	cale	Beilage	calço	planchita
24	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
25	675257	1	Bearing cup	coupelle de roul	Lagerschale	copo do rolamento	taza del coj

¹ Inc 1 & 40

² See D

² Voir D

² Siehe D

² Veja D

² Véase D

³ See B & C

³ Voir B & C

³ Siehe B & C

³ Veja B & C

³ Véase B & C

⁴ Use Loctite 277 as sealant on inside surface

⁴ Utiliser Loctite 277 pur sceller la surface intérieure

⁴ Loctite 277 als Dichtmittel für Innenseite benutzen

⁴ Usar Loctite 277 para vedar as superficies internas

⁴ Usar Loctite 277 como sellador de las superficies interiores

⁵ Inc 10 & 16

⁶ Inc 7, 9, 12, 13 & 14

⁷ Inc 7, 9, 13 & 14

⁸ Quantity two needed when ordering one (1) 112354 shim

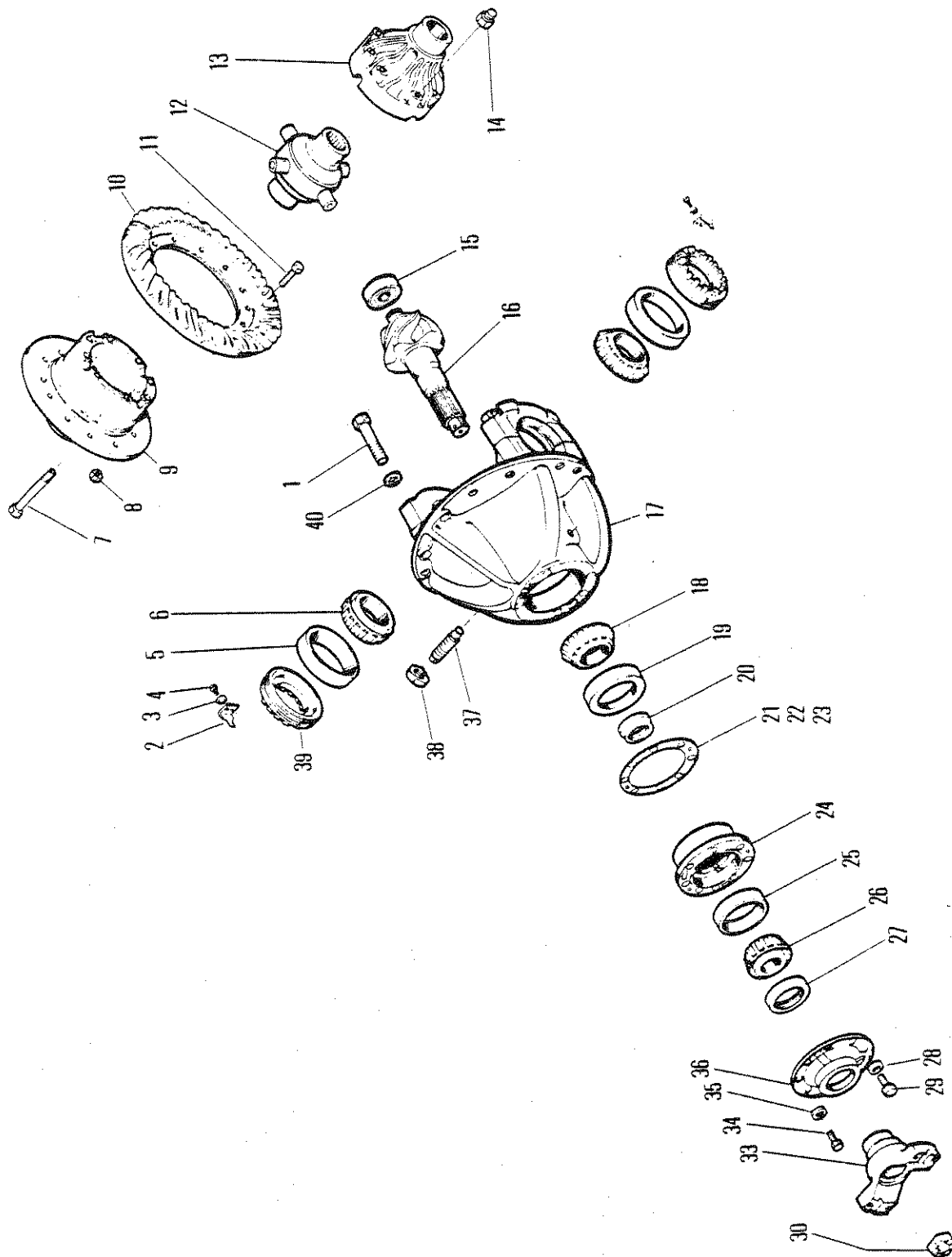
⁸ Quantité (2) lors de la commande de (1) cale 112354

⁸ Menge (2) bei Bestellung von (1) Beilage 112354

⁸ Quantidade (2) pedir quando necessitar (1) calço no. 112354

⁸ Cantidad Se necesitan (2) cuando se ordena (1) planchita 112354

⁹ Inc B, C & 1 → 40



DIFFERENTIAL & CARRIER ASSEMBLY-REAR 17620, 17210
ENSEMBLE DIFFÉRENTIAL-PALIER & COUSSINET, ARRIÈRE-17620, 17210
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN 17620, 17210
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA 17620, 17210
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO 17620, 17210

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
26	710288	1	Bearing cone	cône de roulement	Lagerkegel	cone do rolamento	cono del conj
27	127989	1	Oil seal	jnt étanchéité huile	Öldichtung	vedação de óleo	sello de aceite
28	4E000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	17C000932	5	Bolt	boulon	Bolzen	parafuso	bulón
30	238026	1	Nut	écrou	Mutter	porca	tuerca
31	238026	1	Nut	écrou	Mutter	porca	tuerca
32	111656	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	128975	1	Flange	bride	Flansch	flange	brida
34	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
35	4E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
36	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
37	123800	1	Screw	vis	Schraube	parafuso	tornillo
38	8D000014	1	Nut	écrou	Mutter	porca	tuerca
39	122765	2	Nut	écrou	Mutter	porca	tuerca
40	26E000012	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad

¹ Inc 1 & 40

² See D

² Voir D

² Siehe D

² Veja D

² Véase D

³ See B & C

³ Voir B & C

³ Siehe B & C

³ Veja B & C

³ Véase B & C

⁴ Use Loctite 277 as sealant on inside surface

⁴ Utiliser Loctite 277 pur sceller la surface intérieure

⁴ Loctite 277 als Dichtmittel für Innenseite benutzen

⁴ Usar Loctite 277 para vedar as superficies internas

⁴ Usar Loctite 277 como sellador de las superficies interiores

⁵ Inc 10 & 16

⁶ Inc 7, 9, 12, 13 & 14

⁷ Inc 7, 9, 13 & 14

⁸ Quantity two needed when ordering one (1) 112354 shim

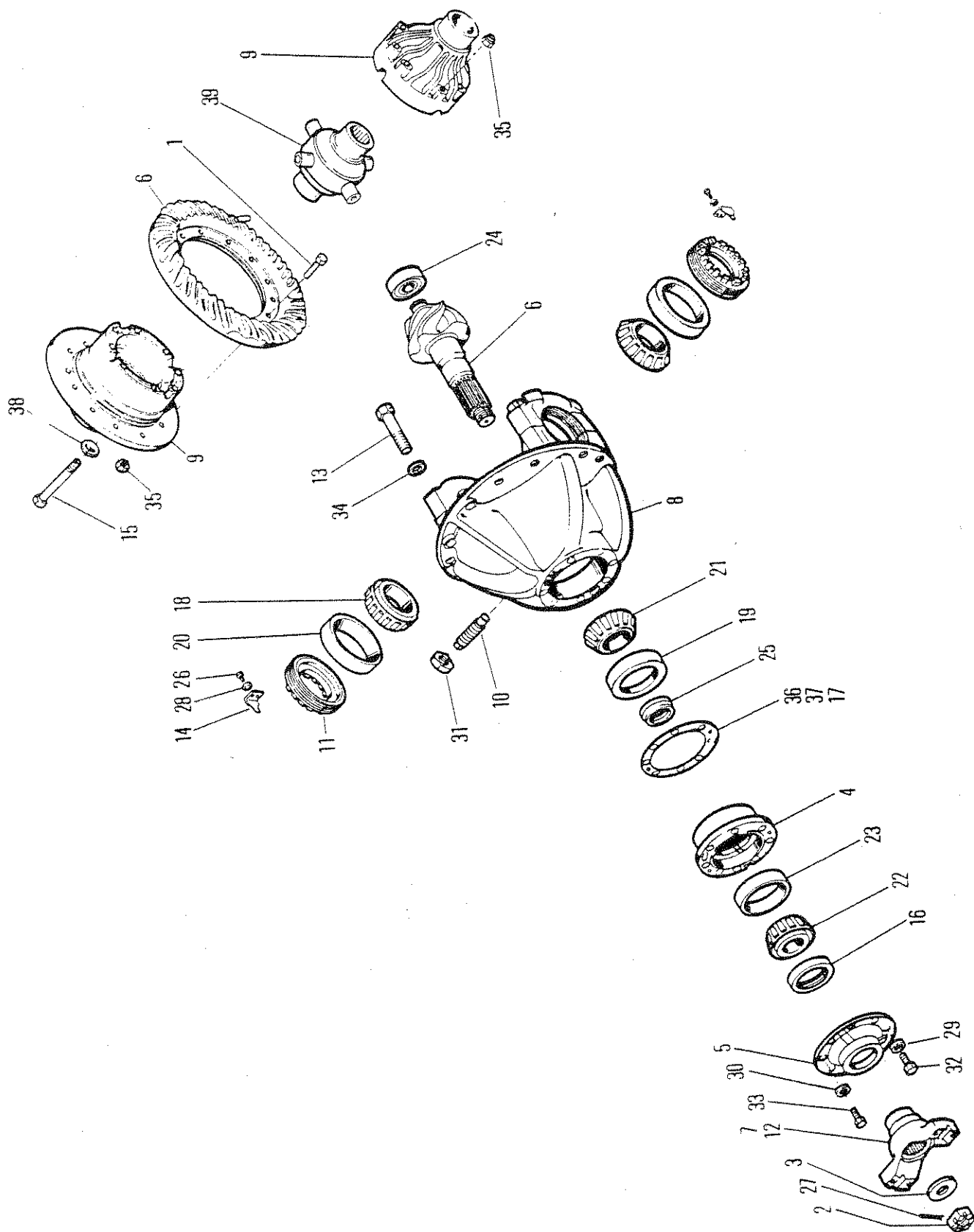
⁸ Quantité (2) lors de la commande de (1) cale 112354

⁸ Menge (2) bei Bestellung von (1) Beilag 112354

⁸ Quantidade (2) pedir quando necessitar (1) calço no. 112354

⁸ Cantidad Se necesitan (2) cuando se ordena (1) planchita 112354

⁹ Inc B, C & 1 → 40



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1129638	1	Diff&carr assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	2124202	1	Diff assy	différential ens	Differential voll	diferencial cj	diferencial cj
C	3118704	1	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
1	101196	12	Bolt	boulon	Bolzen	parafuso	bulón
2	101262	1	Nut	écrou	Mutter	porca	tuerca
3	101263	1	Washer	rondelle	Scheibe	arruela	arandela
4	4110843	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
5	110847	1	Retainer	arrêtoir	Halterung	retentor	retén
6	116729	1	Gear&pin set	pignon-couronne jeu	Zahnrad&Ritzelsatz	corôa-pinhão jôgo	corona-piñón juego
7	112084	1	Flange	bride	Flansch	flange	brida
8	5112289	1	Carr&cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
9	6815769	1	Diff case	boîtier différentiel	Differentialgehäuse	diferencial carcaça	diferencial carcasa
10	121241	1	Screw	vis	Schraube	parafuso	tornillo
11	123747	2	Nut	écrou	Mutter	porca	tuerca
12	128789	1	Debris shield	écran de débris	Schutzschild	abrigo de esc	resq deshechos
13	123831	4	Bolt	boulon	Bolzen	parafuso	bulón
14	126468	2	Lock	serrure	Schloss	fechadura	cerradura
15	126624	8	Bolt	boulon	Bolzen	parafuso	bulón
16	128400	1	Seal	joint étanchéité	Dichtung	vedador	selo
17	125568	-	Shim	cale	Beilage	calço	planchita
18	654144	2	Cone	cône	Kegel	cone	cono
19	658988	1	Cup	cuvette	Schale	capa	cubeta
20	667275	2	Cup	cuvette	Schale	capa	cubeta
21	667276	1	Cone	cône	Kegel	cone	cono
22	667277	1	Cone	cône	Kegel	cone	cono
23	667278	1	Cup	cuvette	Schale	capa	cubeta
24	667466	1	Bearing	palier	Lager	mancai	cojinete
25	104226	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
26	1C0000614	2	Bolt	boulon	Bolzen	parafuso	bulón
27	1F0000732	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
28	4E0000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
29	4E0000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
30	4E0000009	7	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
31	8D0000018	1	Nut	écrou	Mutter	porca	tuerca
32	17C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
33	17C000932	7	Bolt	boulon	Bolzen	parafuso	bulón
34	26E000014	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	86D000009	20	Nut	écrou	Mutter	porca	tuerca
36	101257	-	Shim	cale	Beilage	calço	planchita
37	125567	-	Shim	cale	Beilage	calço	planchita
38	106547	16	Washer	rondelle	Scheibe	arruela	arandela
39	128222	1	No-spin	anti-patinage	No-spin	anti-patinante	no-spin

1 Inc B,C, 1→39

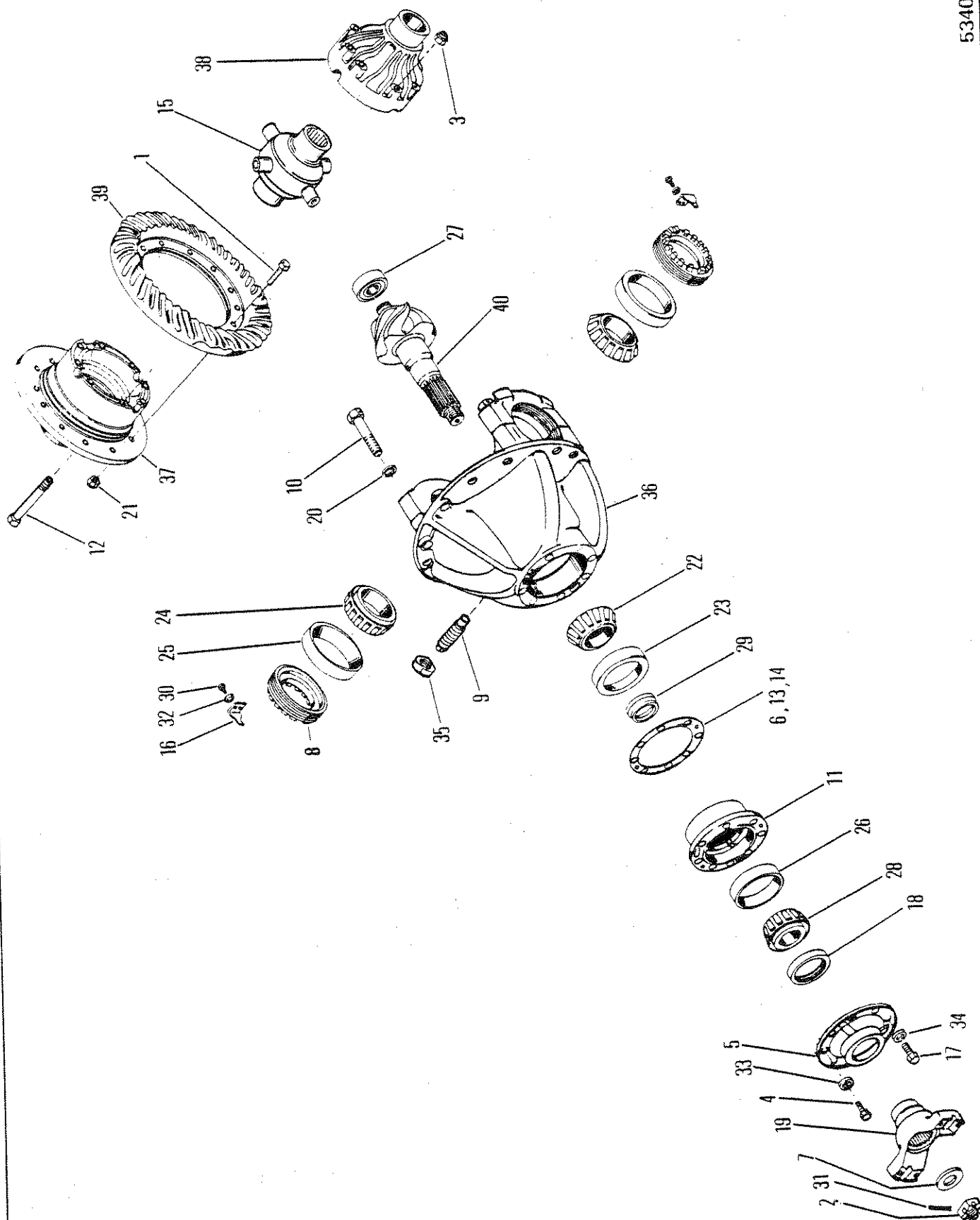
2 Inc C, 1, 6, & 35

3 Inc 9, 15, 35, 38 & 39

4 Inc 1 & 23

5 Inc 13 & 34

6 Inc 15, 35 & 38



DIFFERENTIAL & CARRIER ASSEMBLY, REAR 17800
ENSEMBLE DIFFÉRENTIAL-PALIER ET COUSSINENT, ARRIÈRE 17800
DIFFERENTIAL & TRÄGER VOLLSTÄNDIG, HINTEN 17800
CONJUNTO DO DIFERENCIAL & SUPORTE, TRASEIRA 17800
CONJUNTO DE DIFERENCIAL & SOPORTE, TRASERO 17800

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1128980	1	Diff&carr Assy	ens dif&porte-plan	Diff&Trger voll	conj difer&sup	conj difer&sop
B	124435	-	Diff body	corps de diff	Differentialkrper	corpo do dif	cuerpo diferenc
C	126894	1	Diff case Assy	boitier differential ens	Differentialgehäuse voll	dif carcaca cj	dif carcasa cj
D	110127	1	Rng gear&pin set	ens cour dentée goup	Tellerrad&Ritzstz	jogo coroa&pinhão	jg corona&pasador
E	128981	1	Carr & cap	bouchon&porteur	Träger&Verschluss	cobert&veiculo	capota&transportador
1	100176	12	Bolt	boulon	Bolzen	parafuso	bulón
2	100950	1	Nut	écrou	Mutter	porca	tuerca
3	106762	12	Washer	rondelle	Scheibe	arruela	arandela
4	17C000828	1	Bolt	boulon	Bolzen	parafuso	bulón
5	112352	1	Retainer	arrêtoir	Halterung	retentor	retén
6	112354	-	Shim	cale	Beilage	calço	planchita
7	119298	1	Washer	rondelle	Scheibe	arruela	arandela
8	122765	2	Nut	écrou	Mutter	porca	tuerca
9	123800	1	Screw	vis	Schraube	parafuso	tornillo
10	123830	4	Capscrew	vis tête	Kopfschraube	parafuso de cabeça	tornilla de presión
11	124041	1	Pinion brg cage	cage roul de pign	Ritzellagerkäfig	grade rol pinhão	jaula coj piñon
12	17C000856	12	Bolt	boulon	Bolzen	parafuso	bulón
13	125576	-	Shim	cale	Beilage	calço	planchita
14	125577	-	Shim	cale	Beilage	calço	planchita
15	125600	1	No-spin unit	ens anti-patinage	No-spin Anlage	conj anti-patinante	conj anti-patinaje
16	126468	2	Nut	écrou	Mutter	porca	tuerca
17	17C000928	5	Bolt	boulon	Bolzen	parafuso	bulón
18	127989	1	Seal	joint étanchéité	Dichtung	vedador	sello
19	128975	1	Flange	bride	Flansch	flange	brida
20	26E000012	4	Washer	rondelle	Scheibe	arruela	arandela
21	86D000008	12	Nut	écrou	Mutter	porca	tuerca
22	667277	1	Bearing	palier	Lager	mancal	cojinete
23	667278	1	Cup	cuvette	Schale	capa	cubeta
24	675248	2	Cone	cône	Kegel	cone	cono
25	675249	2	Cup	cuvette	Schale	capa	cubeta
26	675257	1	Cup	cuvette	Schale	capa	cubeta
27	675536	1	Bearing	palier	Lager	mancal	cojinete
28	710288	1	Cone	cône	Kegel	cone	cono
29	815040	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jôgo	espaciador jgo
30	1C0000614	2	Bolt	boulon	Bolzen	parafuso	bulón
31	1F0000748	1	Pin	goupille	Stift	pino	pasador
32	4E0000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
33	4E0000008	1	Washer	rondelle	Scheibe	arruela	arandela
34	4E0000009	5	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
35	8D0000014	1	Nut	écrou	Mutter	porca	tuerca
36	8-----	1	Diff housing				
37	8-----	1	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
38	8-----	1	Plain half	môtié lisse	Glatte Hlfte	metada simples	mitad sencilla
39	8-----	1	Pinion	pignon	Ritzel	pinhão	pion
40	8-----	1	Gear	engrenage	Zahnrad	engrenagem	engranaje

1 Inc B,C,D,E, & 1 → 40

2 Inc 10,20 & 36

3 Inc 3,12,&37 → 40

4 Inc 3, 12, 37 & 38

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

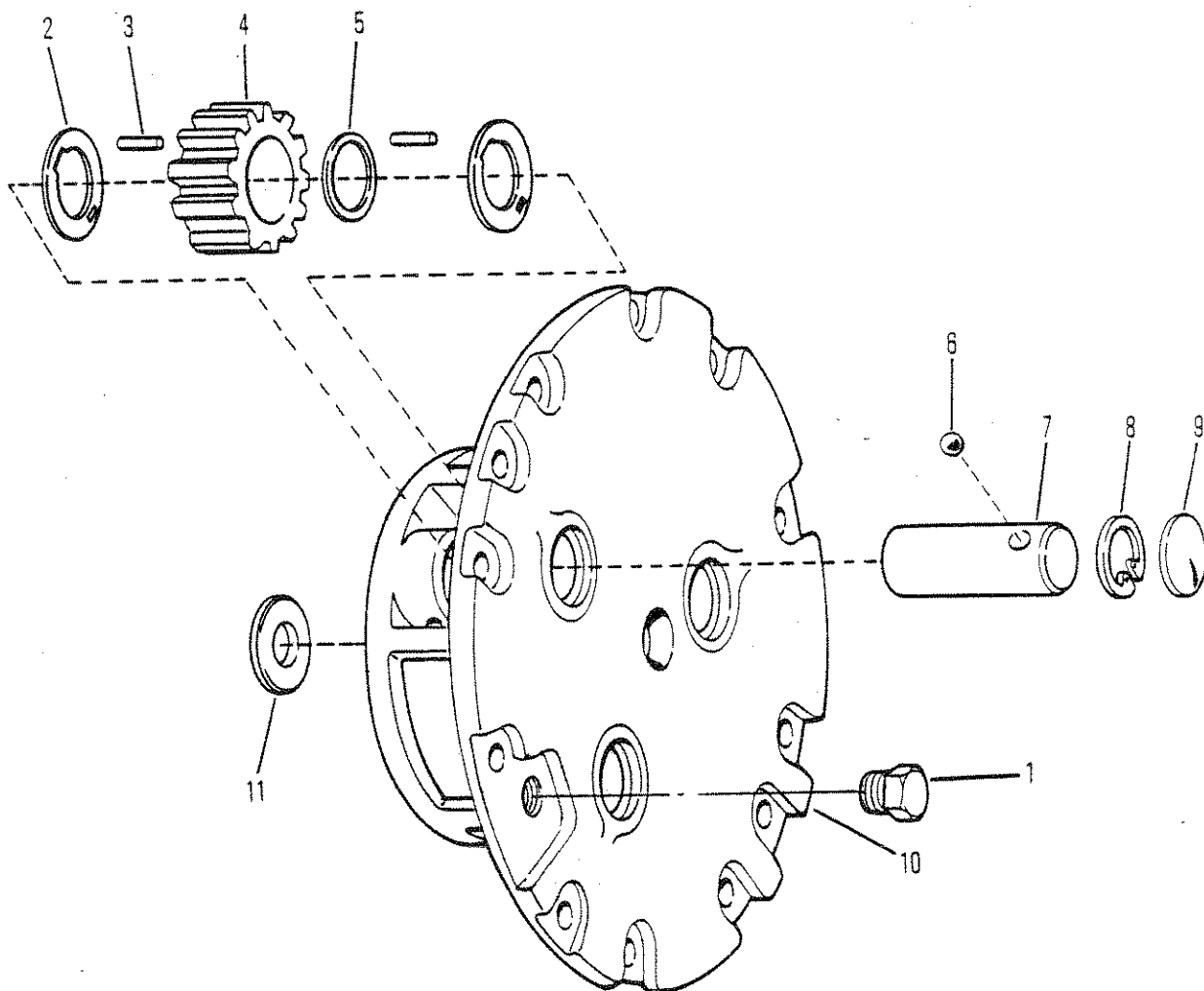
5 Quantité (2) lors de la commande de (1) cale 112354

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

6 Inc 39 & 40



5983TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	^{1,2} 127398	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	24K000007	1	Plug	bouchon	Stopfen	bujão	tapón
2	124574	6	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
3	124576	174	Roller needle	roul à aiguilles	Nadelrolle	rolete agulha	rodillo aguja
4	124573	3	Gear	engrenage	Zahnrad	engrenagem	engranaje
5	124577	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	10J000012	3	Lock ball	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

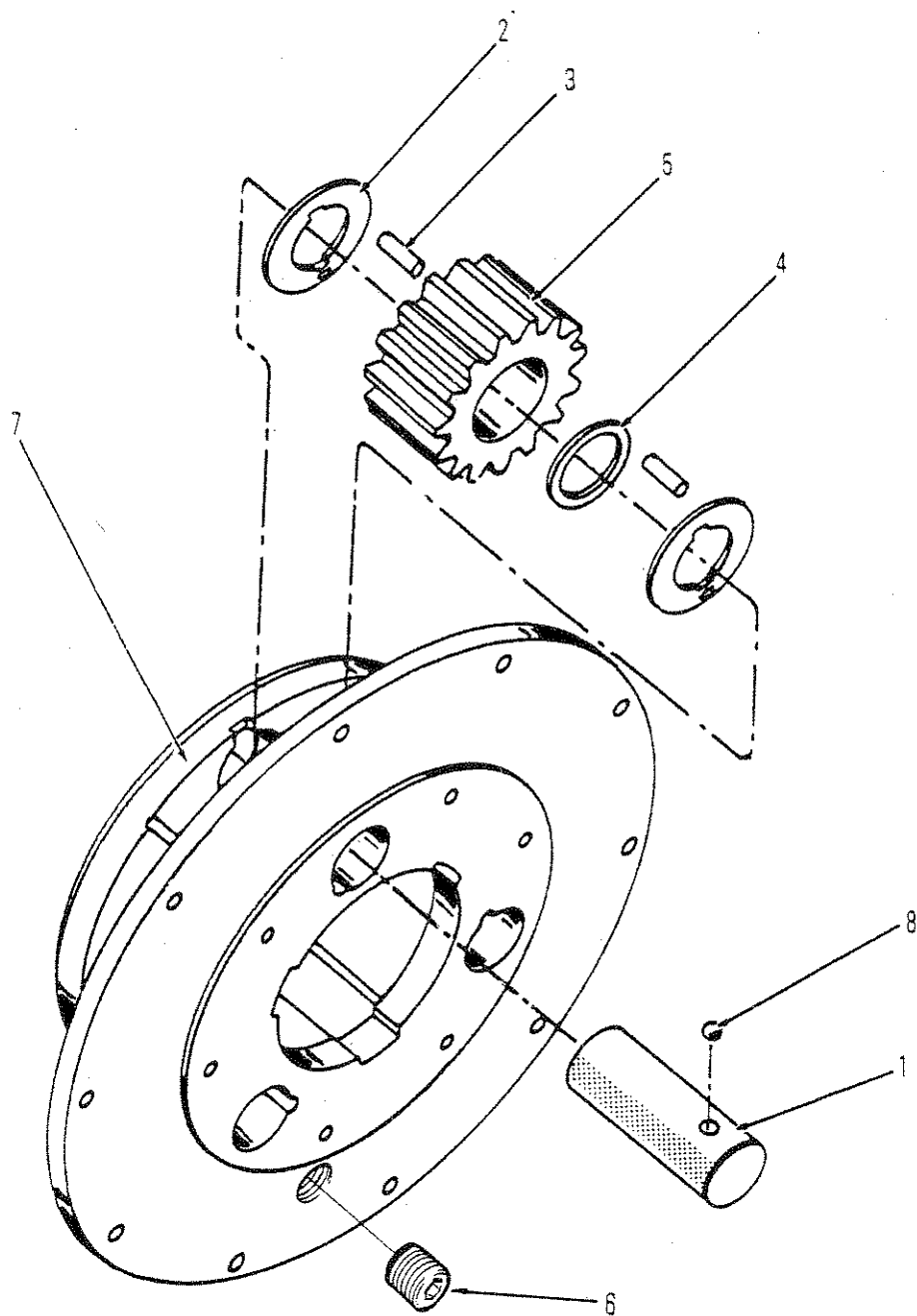
² No longer available. To service complete assembly order 1-2107707. See Group A4 30120.

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 Nao 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.

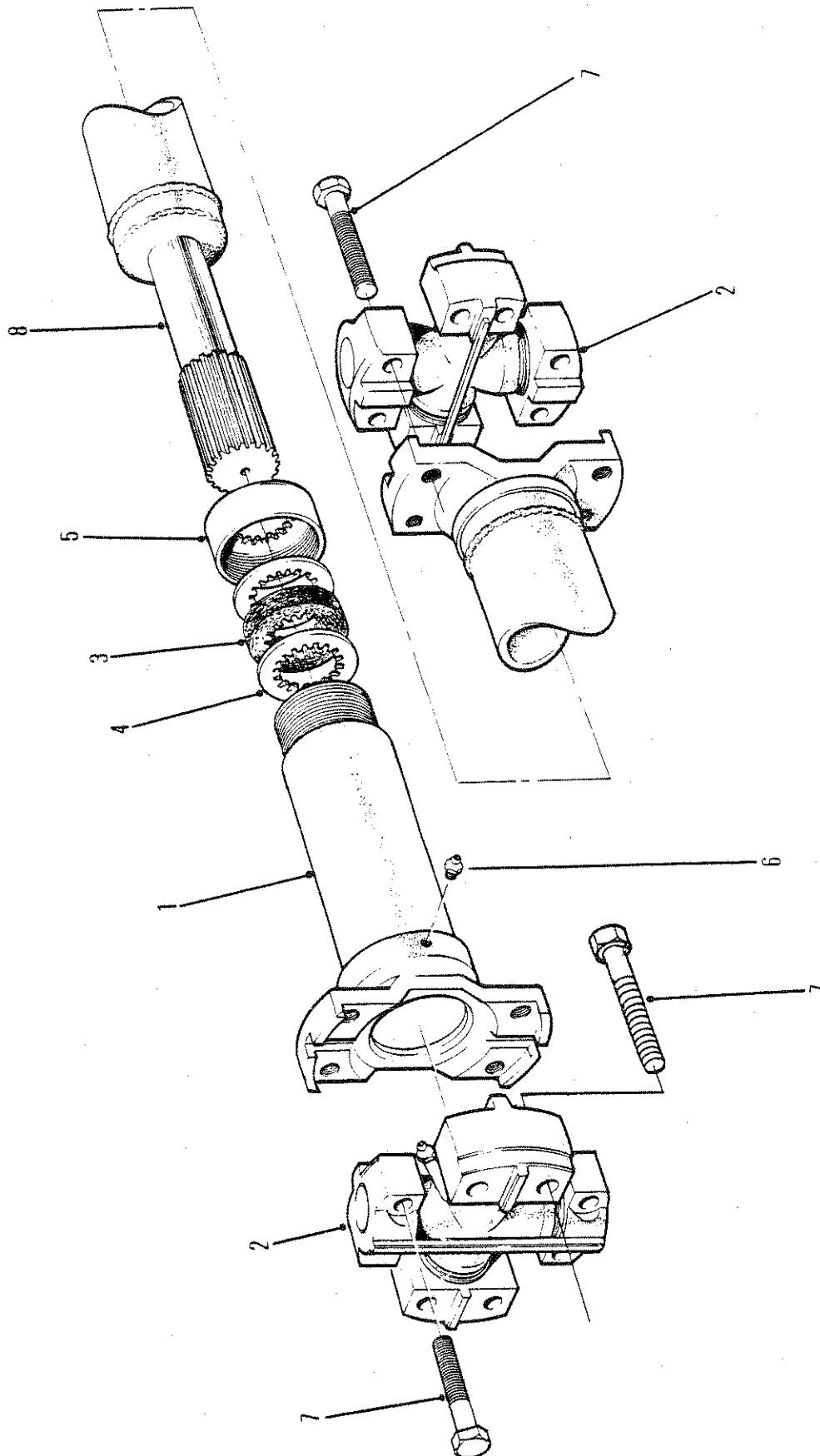


5332TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	121632	1	Planet carr assy	port planétaire ens	Planetentraeger voll	sup planet conj	sop planet conj
1	106355	3	Shaft	arbre	Welle	ávore	árbol
2	106357	6	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
3	106358	150	Roller	galet	Rolle	rolete	rodillo
4	106359	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	116584	3	Pinion	pignon	Ritzel	pinhão	pion
6	16F000012	1	Plug	bouchon	Stopfen	bujão	tapón
7	121633	1	Carrier	porteur	Trger	suporte	soporte
8	10J000012	3	Ball	bille	Kugel	esfera	bola

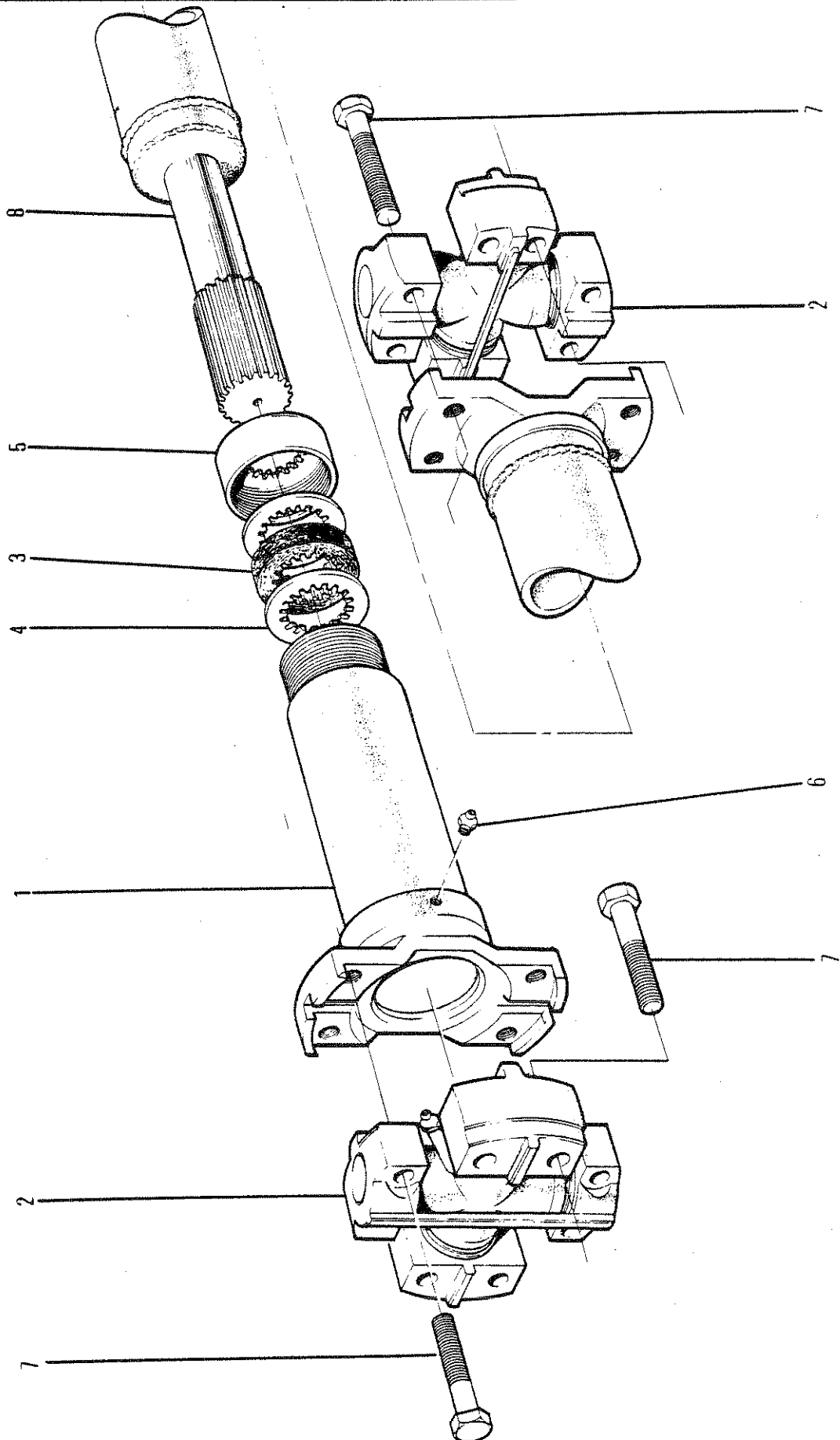
1 Inc. 1 → 8



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1911542	1	Prop shaft	arbre de transmission	Antriebswelle	eixo da hélice	eje de propulsión
B	11992260	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
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	retentor	retén
6	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
7	18C000524	16	Bolt	boulon	Boizen	parafuso	bulón
8	1990172	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo

1 Inc 1, 3 → 5 & 6

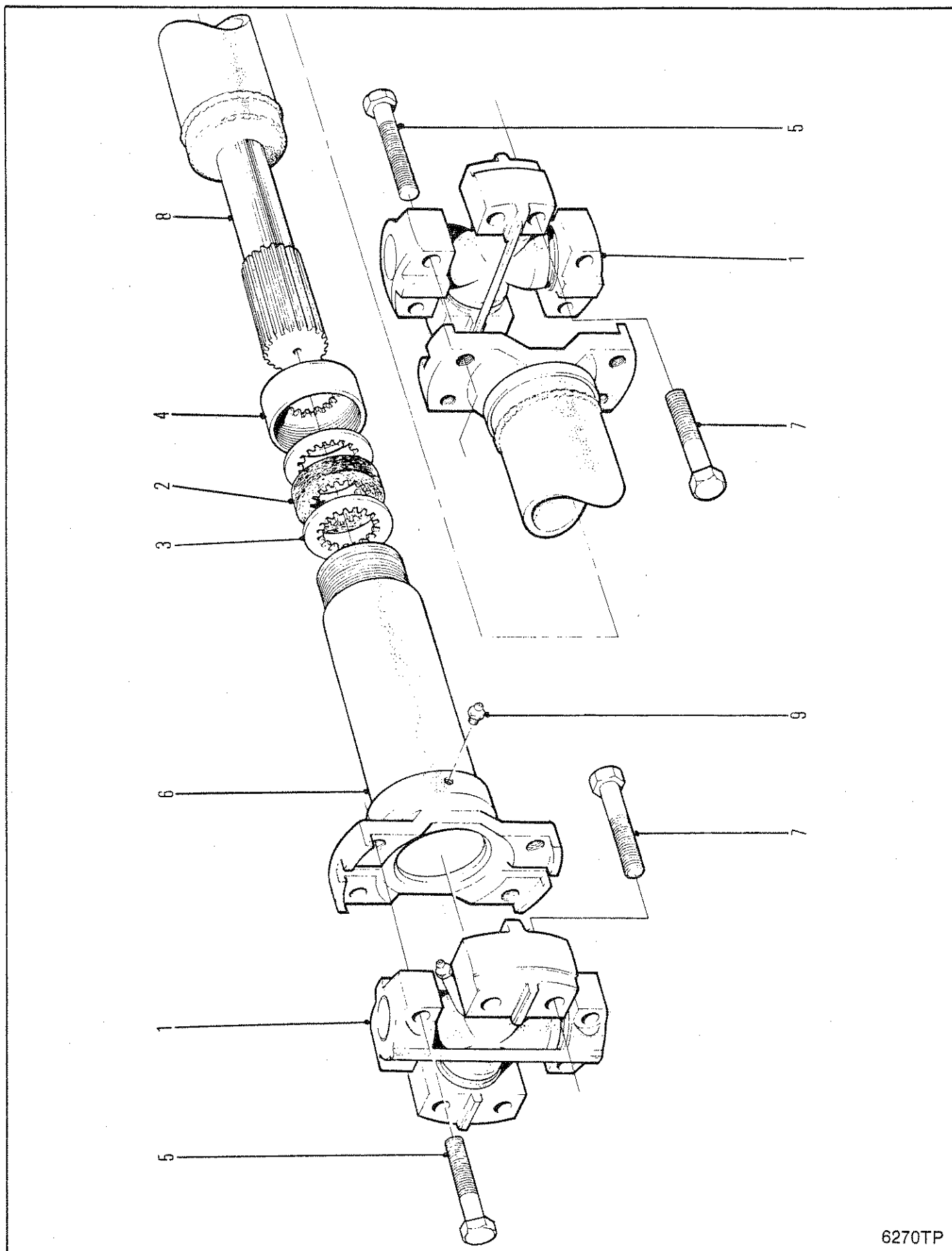


PROPELLER SHAFT ASSEMBLY, TRANSMISSION/CONVERTER
ARBRE D'ENTRAÎNEMENT, TRANSMISSION/CONVERTISSEUR, ENSEMBLE
GELENKWELLE VOLLSTÄNDIG, GETRIEBE/DREHMOMENTWANDLER
EIXO PROPULSOR, TRANSMISSÃO/CONVERTIDOR, CONJUNTO
ARBOL PROPULSOR, TRANSMISIÓN/CONVERTIDOR, CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11900062	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	21992260	1	Slip yoke assy	ens chape coulissante	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	8-----	1	Slip yoke	chape coulissante	Gleitkuppig	garfo corredião	acople telescop
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	retentor	retén
6	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
7	18C000524	16	Bolt	boulon	Bolzen	parafuso	bulón
8	1990172	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo

¹ Inc 1 → 8

² Inc 1, 3 → 6



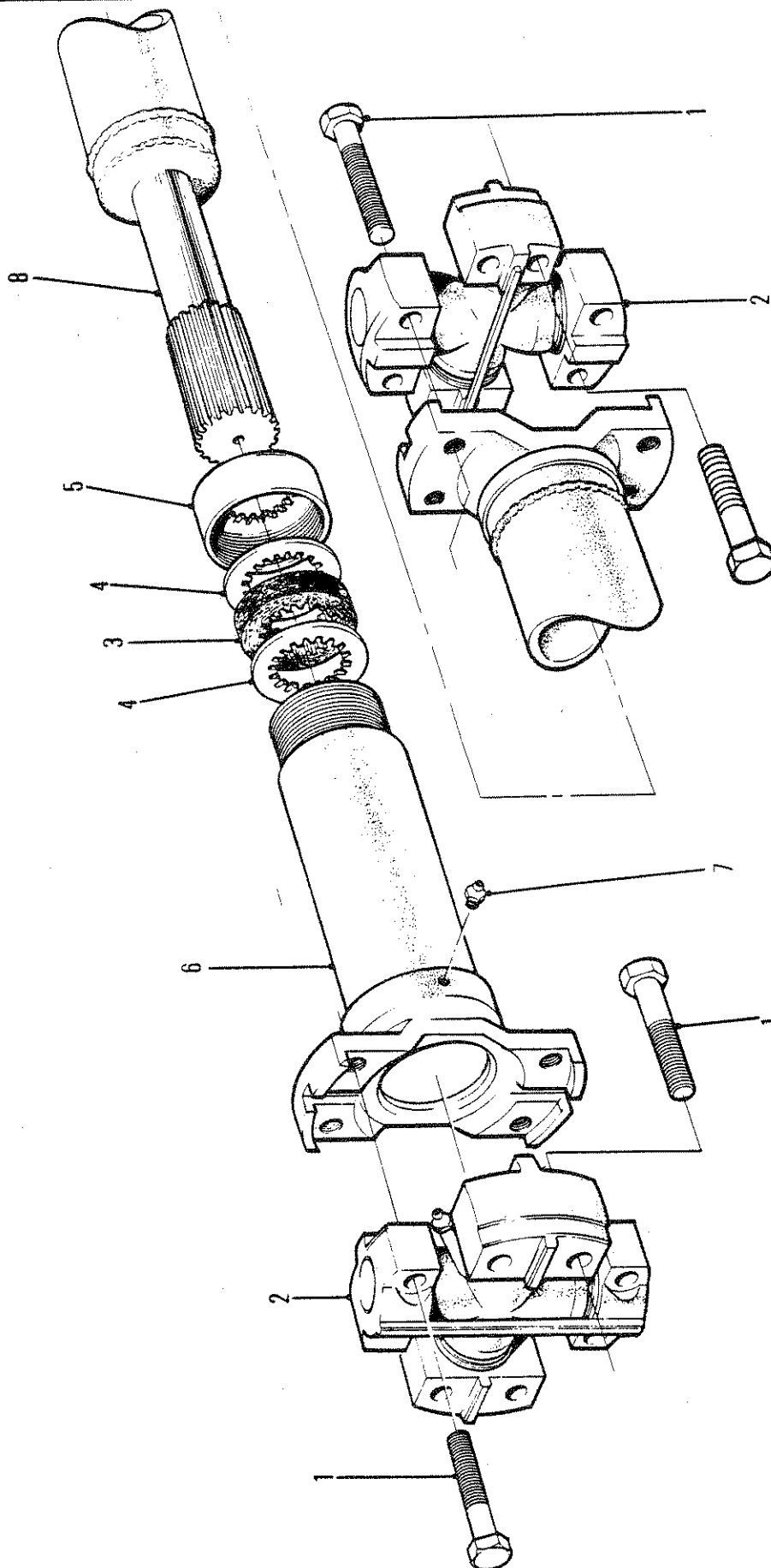
6270TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11911535	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	21992254	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bioco corredião	cj acople telescop
1	887737	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
2	940081	1	Seal	joint étanchéité	Dichtung	vedador	sello
3	940653	2	Washer	rondelle	Scheibe	arruela	arandela
4	940654	1	Retainer	arrêtoir	Halterung	retentor	retén
5	18C000524	16	Bolt	boulon	Bolzen	parafuso	bulón
6	-----	1	Slip yoke	chape coulissnte	Gleitkuppig	garfo corredião	acople telescop
7	18C000524	8	Bolt	boulon	Boizen	parafuso	bulón
8	1992256	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
9	10H000025	3	Fitting	ajustage	Verbindung	ajuste	accesorio

¹ Inc 1 → 5, 8 & 9

² Inc 2 → 4, 6 & 9

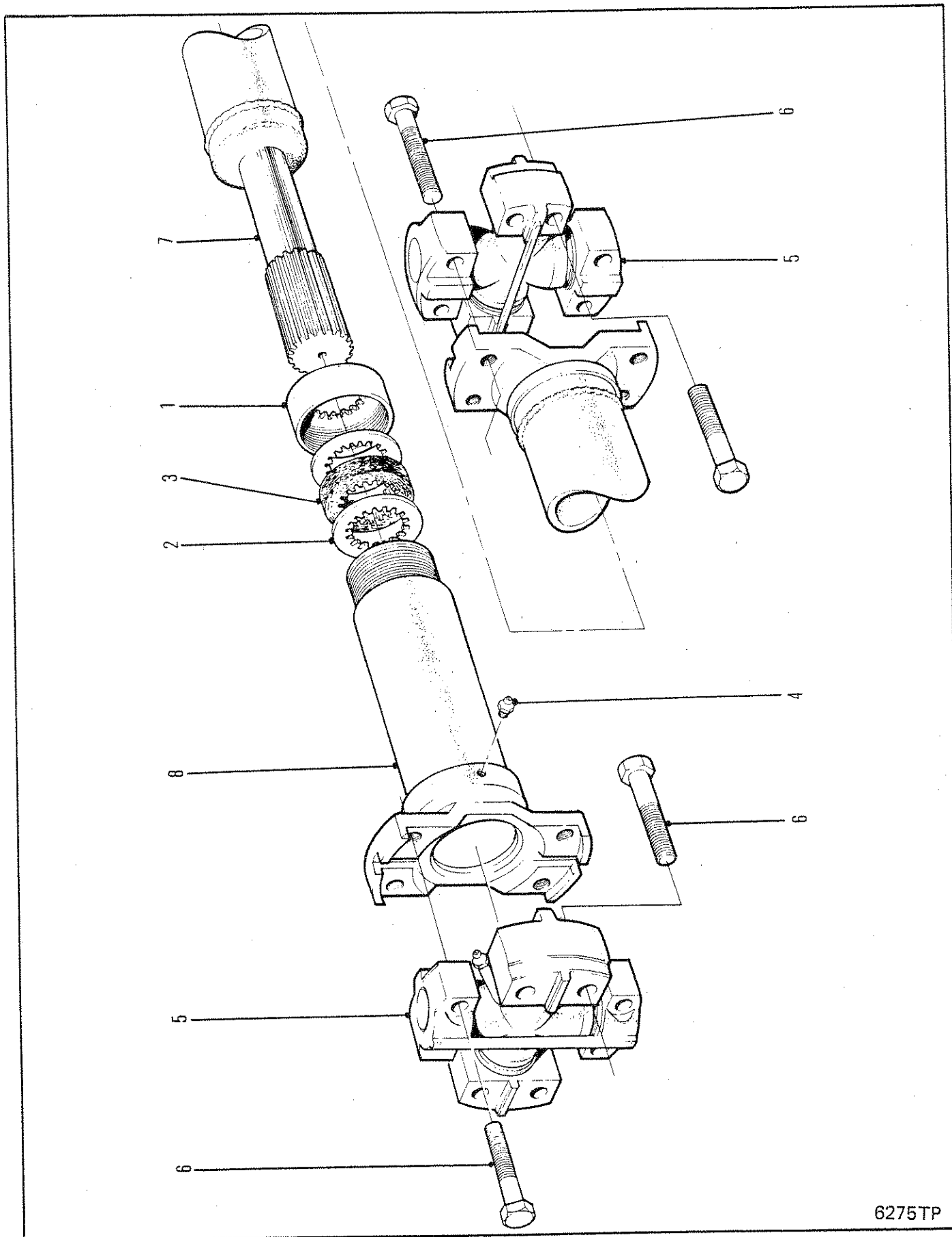


PROPELLER SHAFT ASSEMBLY-TRANSMISSION/WINCH
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT-BOÎTE DE VITESSE/TREUIL
ANTRIEBSWELLEN-AGGREGAT GETRIEBE/WINDE
CONJUNTO EIXO DE PROPULSÃO-TRANSMISSÃO/GUINCHO
CONJUNTO EJE PROPULSOR-TRANSMISIÓN/GUINCHE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1911539	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	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	retentor	retén
6	§-----	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



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	Kreuzgelenk vollst	conj cruzeta	conj cruceta
6	18C000628	16	Bolt	bouion	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.

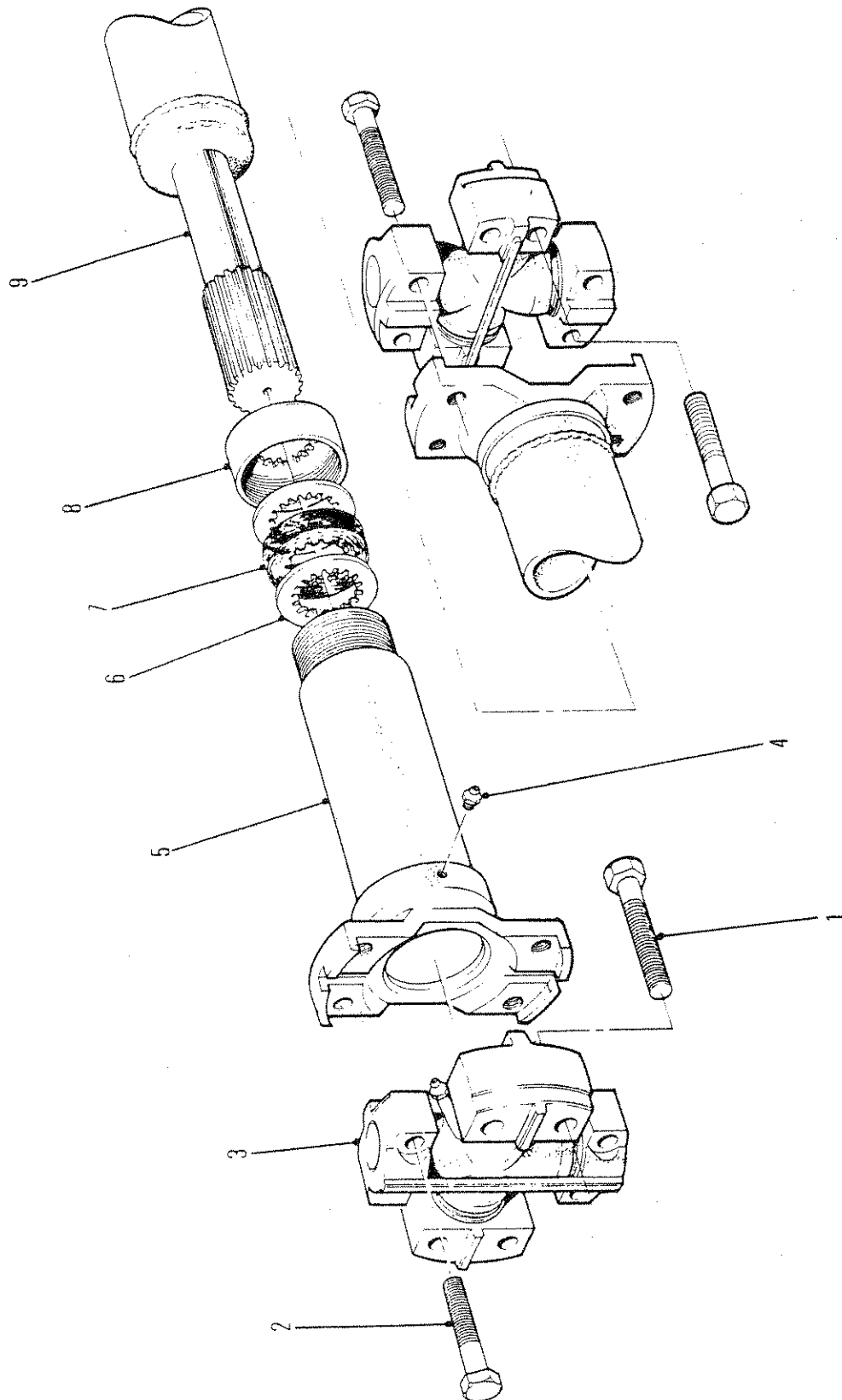
¹ Inc 1→8 Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 1935461.

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

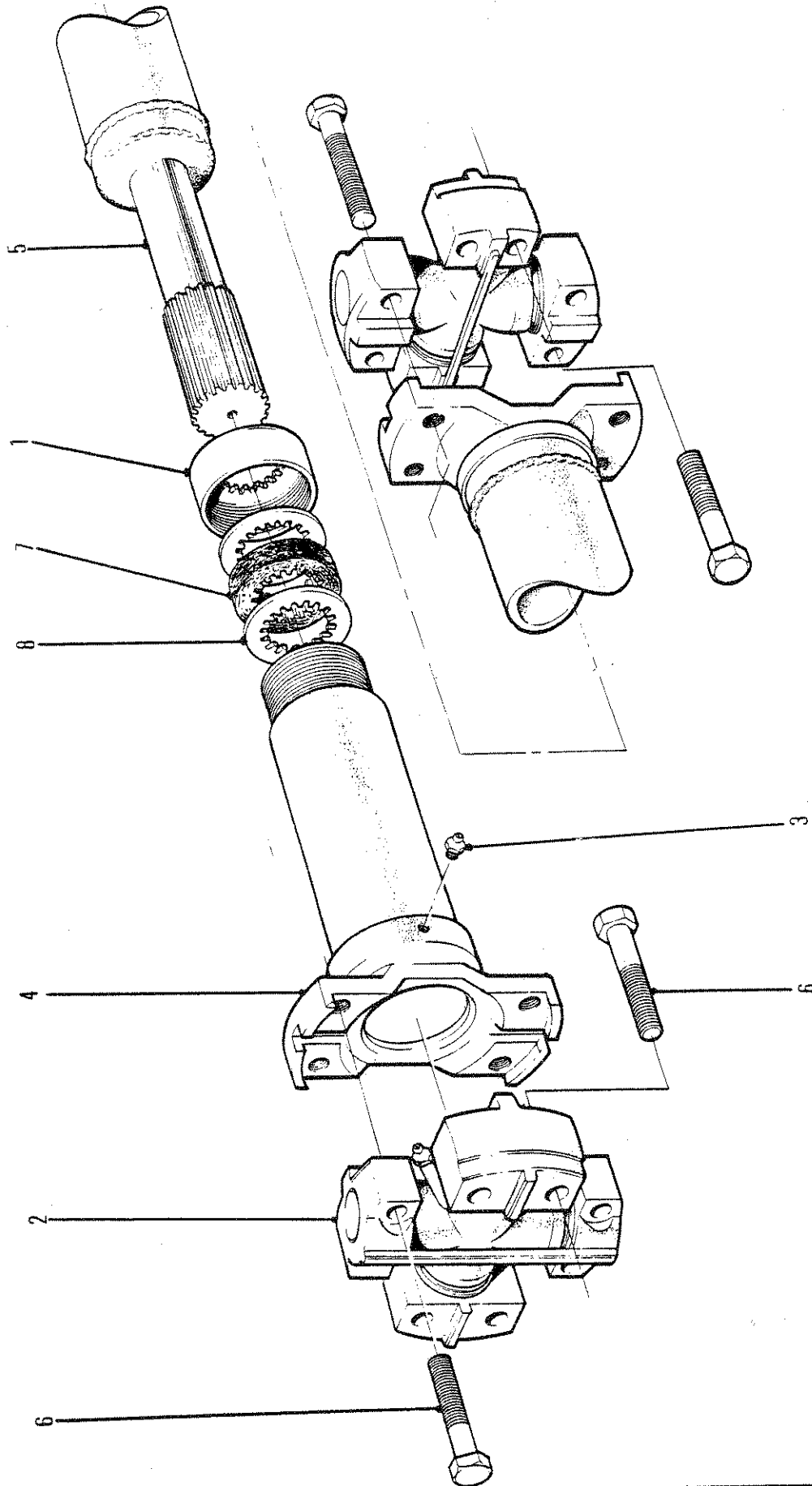


**PROPELLER SHAFT ASSEMBLY, TRANSMISSION-FRONT AXLE
ENSEMBLE ARBRE CARDAN, TRANSMISSION-PONT AVANT
PROPELLER WELLENAGGREGAT, ÜBERSETZUNG-VORDERACHSE
CONJUNTO HÉLICE EIXO, TRANSMISSÃO-EIXO FRENTE
CONJUNTO DEL EJE CARDAN, TRANSMISIÓN-EJE DELANTERO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11935461	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	21991313	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
2	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
5	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
6	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
7	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	940090	1	Cap	chapeau	Kappe	tampa	tapa
9	1992361	1	Tube	tube	Rohr	tubo	tubo

¹ Inc 1→9

² Inc 1,4,5→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	1924487	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1991313	1	Slip yoke assy	ens chape coulissante	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
4	S-----	1	Slip yoke	chape coulissante	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.

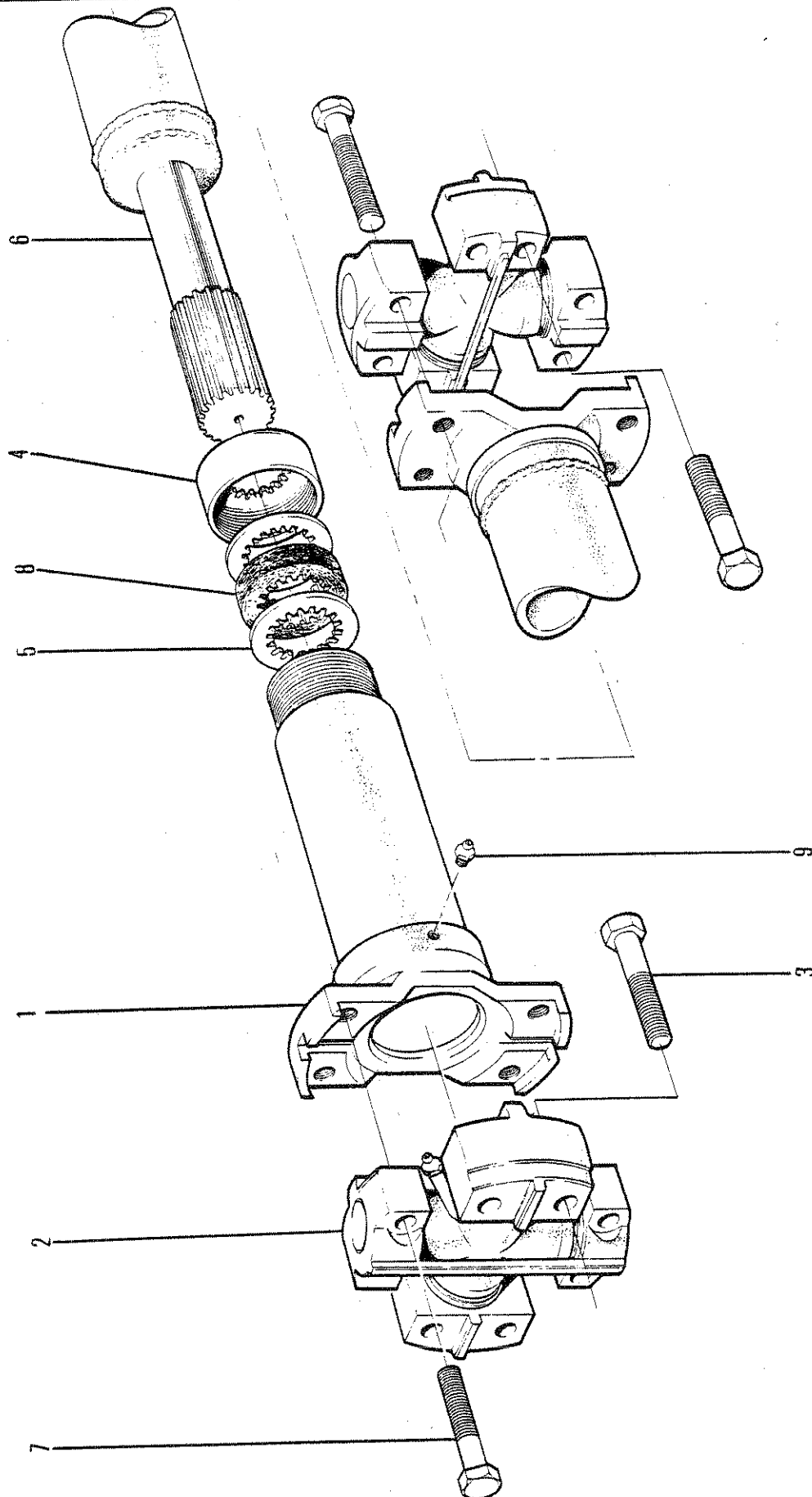
¹ Utilizado apenas em máquinas equipadas com conjunto de montagem intermediária 1917296

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

² Inc 1 → 8

³ Inc 3

⁴ Inc 1, 7 & 8

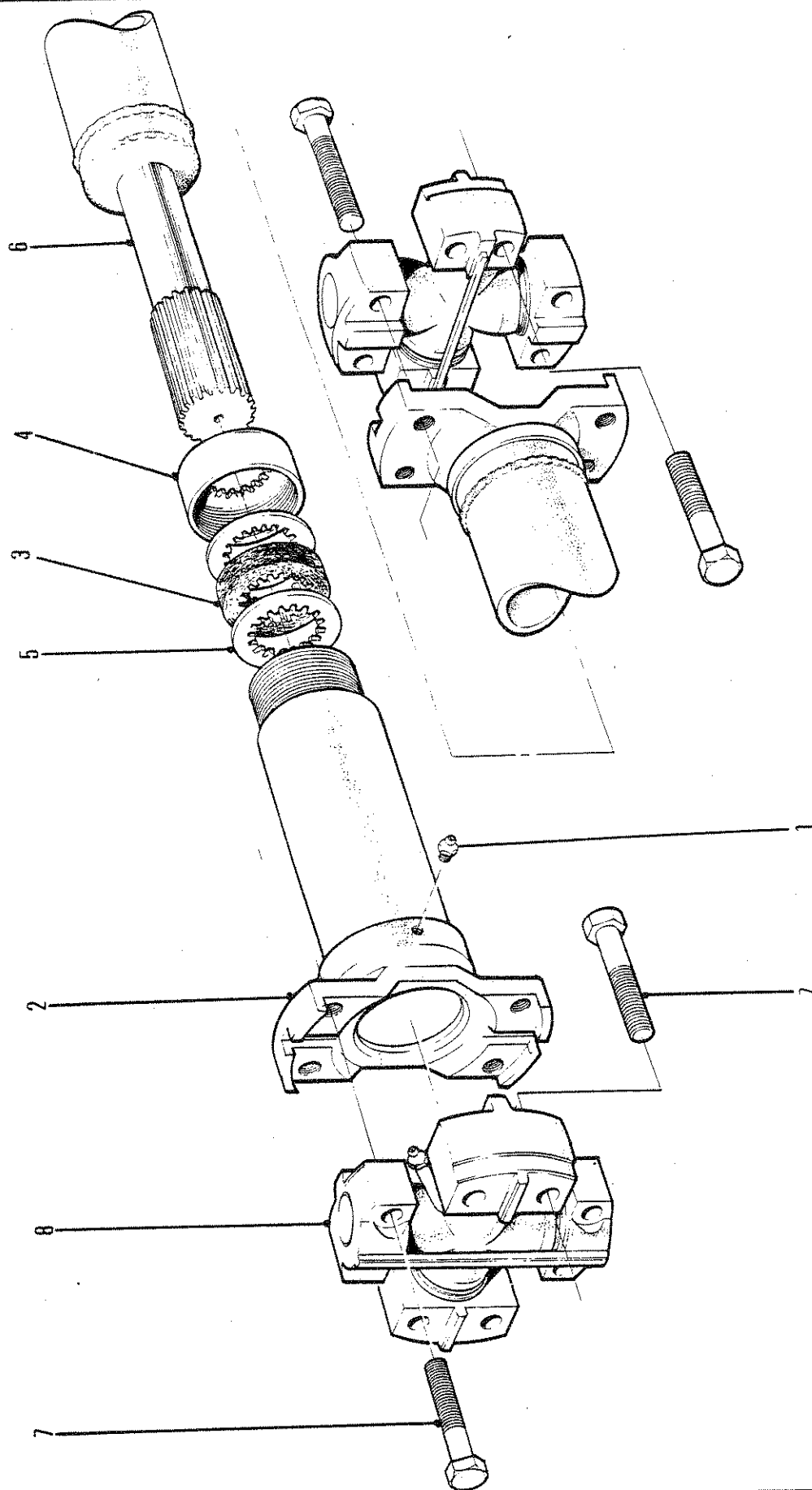


PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRÎNEMENT, ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNEMENT, HINTERACHSEN
CONJUNTO DO EIXO PROPULSOR, EIXOS TRASEIROS
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1926795	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	² 1992244	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	§-----	1	Slip yoke	chape coulissnte	Gleitkupplig	garfo corredião	acople telescop
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
4	940090	1	Cap	chapeau	Kappe	tampa	tapa
5	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
6	1991957	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
8	5299099	1	Washer	rondelle	Scheibe	arruela	arandela
9	10H000035	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

¹ Inc 1→9

² Inc 1, 4, 5, & 9



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	1526594	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1992258	1	Slip yoke assy	ens chape coulissante	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	S-----	1	Slip yoke	chape coulissante	Gleitkuppig	garfo corredião	acople telescop
3	940092	1	Seal	joint étanchéité	Dichtung	vedador	sello
4	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
5	940091	2	Washer	rondelle	Scheibe	arruela	arandela
6	947245	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
7	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
8	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta

¹ Inc 1 → 8. No longer available. For service replacement, order 2535726 Propshaft Assembly.

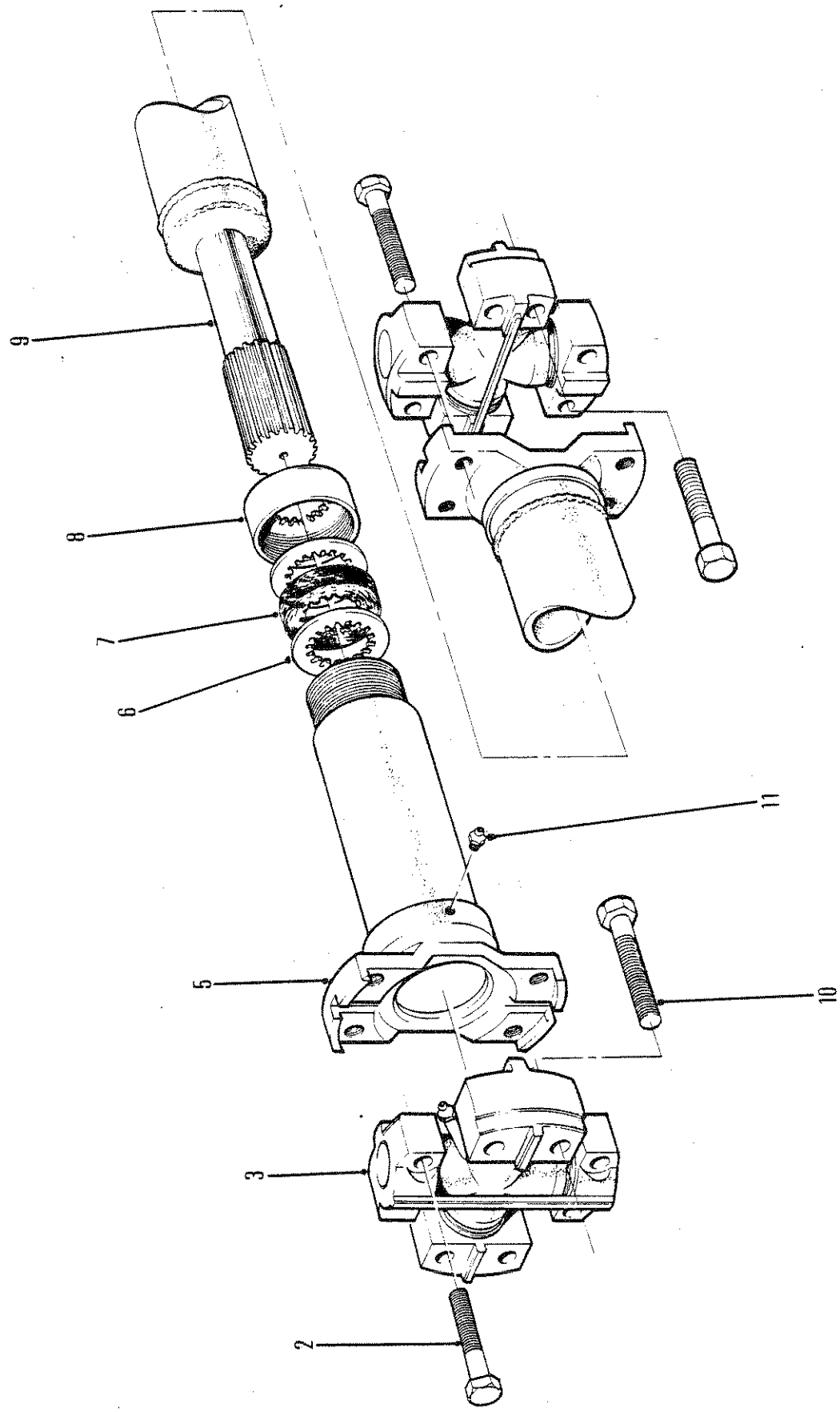
¹ Inc 1 → 8. Plus disponible. Pour le remplacement, commander l'ensemble d'arbre d'hélice 2535726.

¹ Inc 1 → 8. Nicht mehr erhältlich. Zum Ersatz bestellt man die Antriebswelle 2535726.

¹ Inc 1 → 8. Não disponibilidade. Para reposição ordene conjunto de eixo propulsor 2535726.

¹ Inc 1 → 8. No se produce mas. Para el servicio de reemplazo, ordene de árbol propulsor 2535726.

² Inc 1 → 5

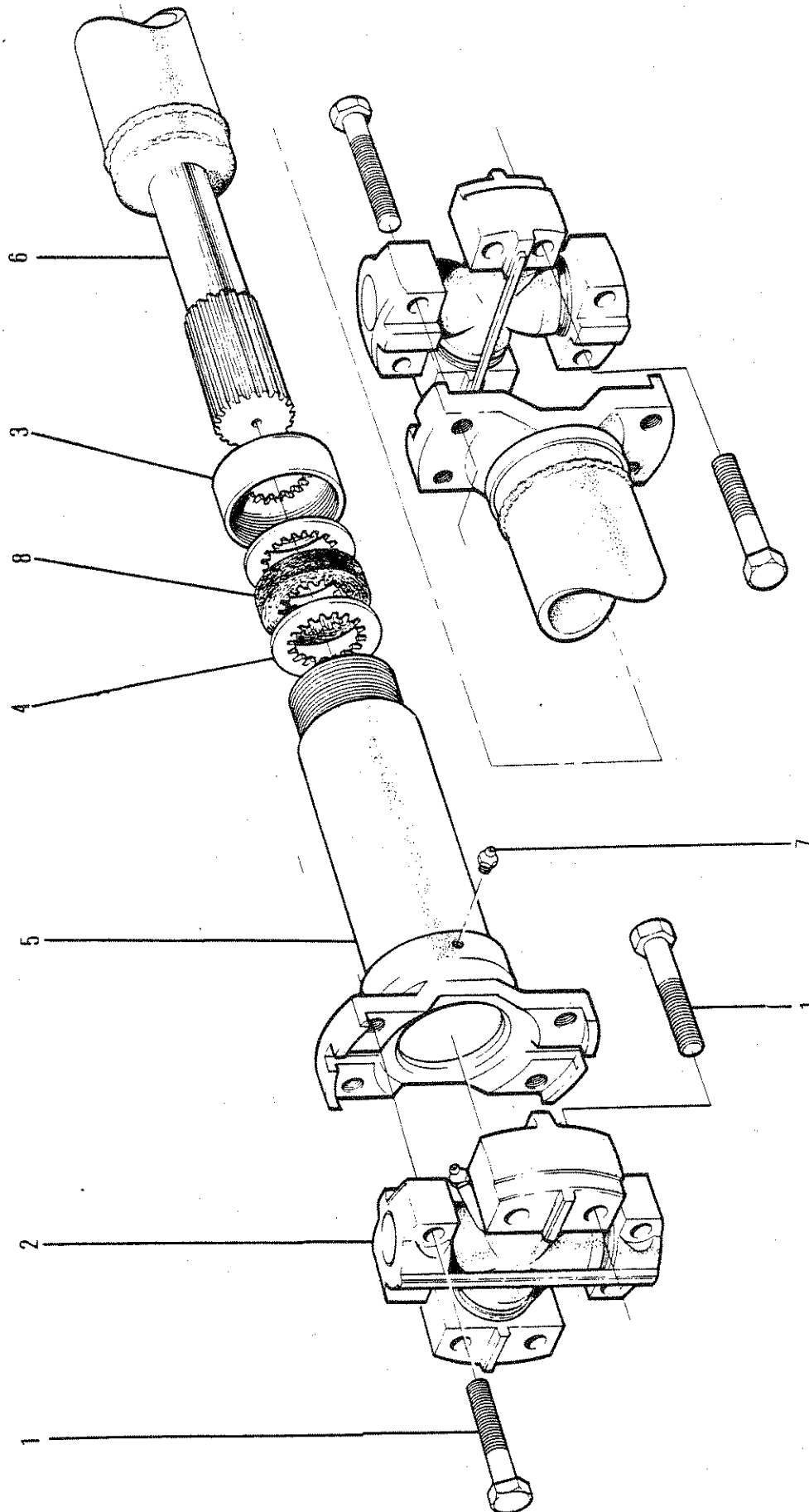


PROPELLER SHAFT ASSEMBLY, REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT, ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR, EIXOS TRASEIROS
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12535726	1	Propshaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1991313	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
2	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
5	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
6	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
7	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello
8	940090	1	Cap	chapeau	Kappe	tampa	tapa
9	1992362	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo

¹ Inc 1 → 9

² Inc 4 → 8

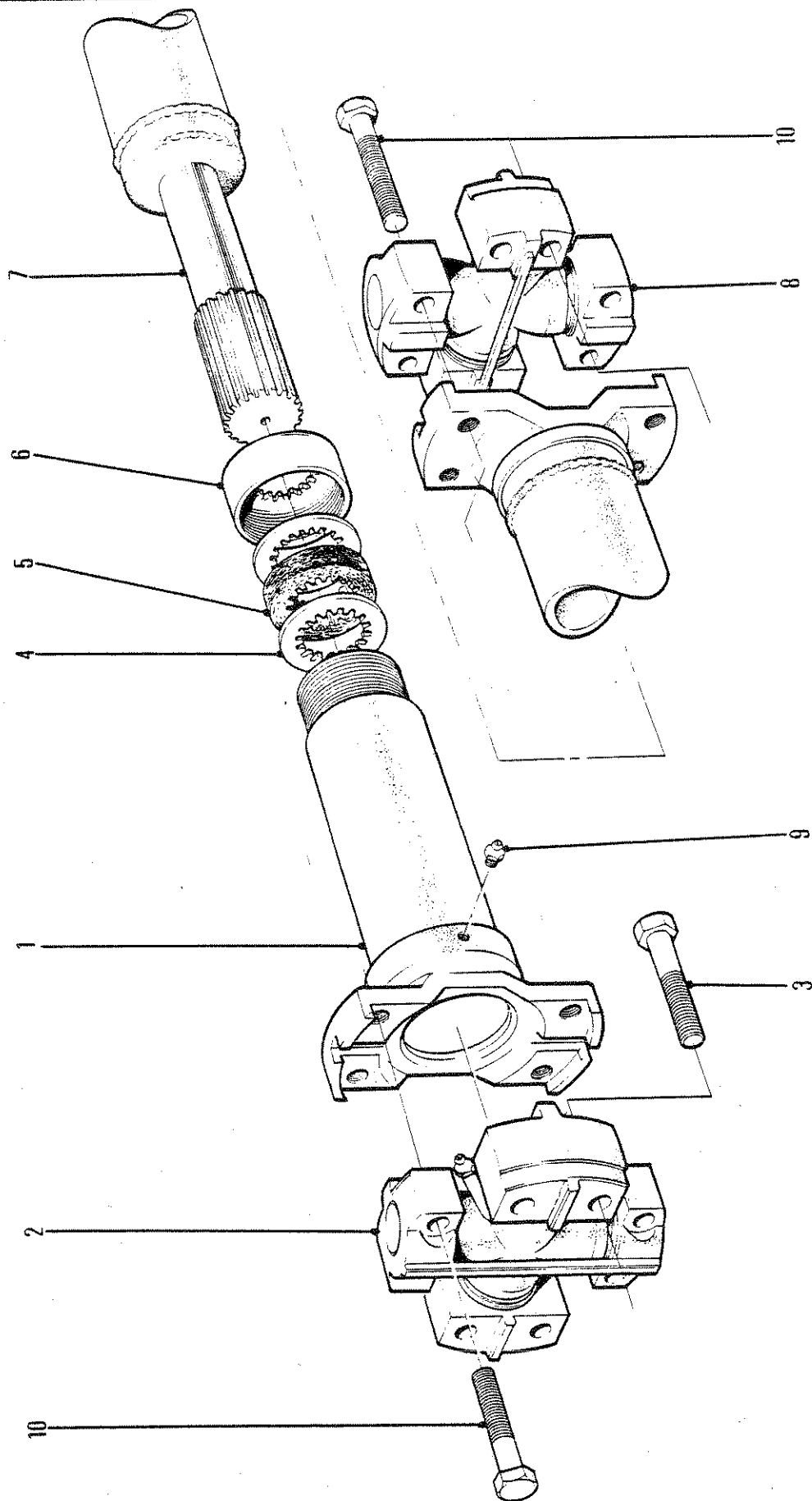


PROPELLER SHAFT ASSEMBLY, REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT, ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR, EIXOS TRASEIORS
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11925428	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	21991953	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	Gleitkupplig	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

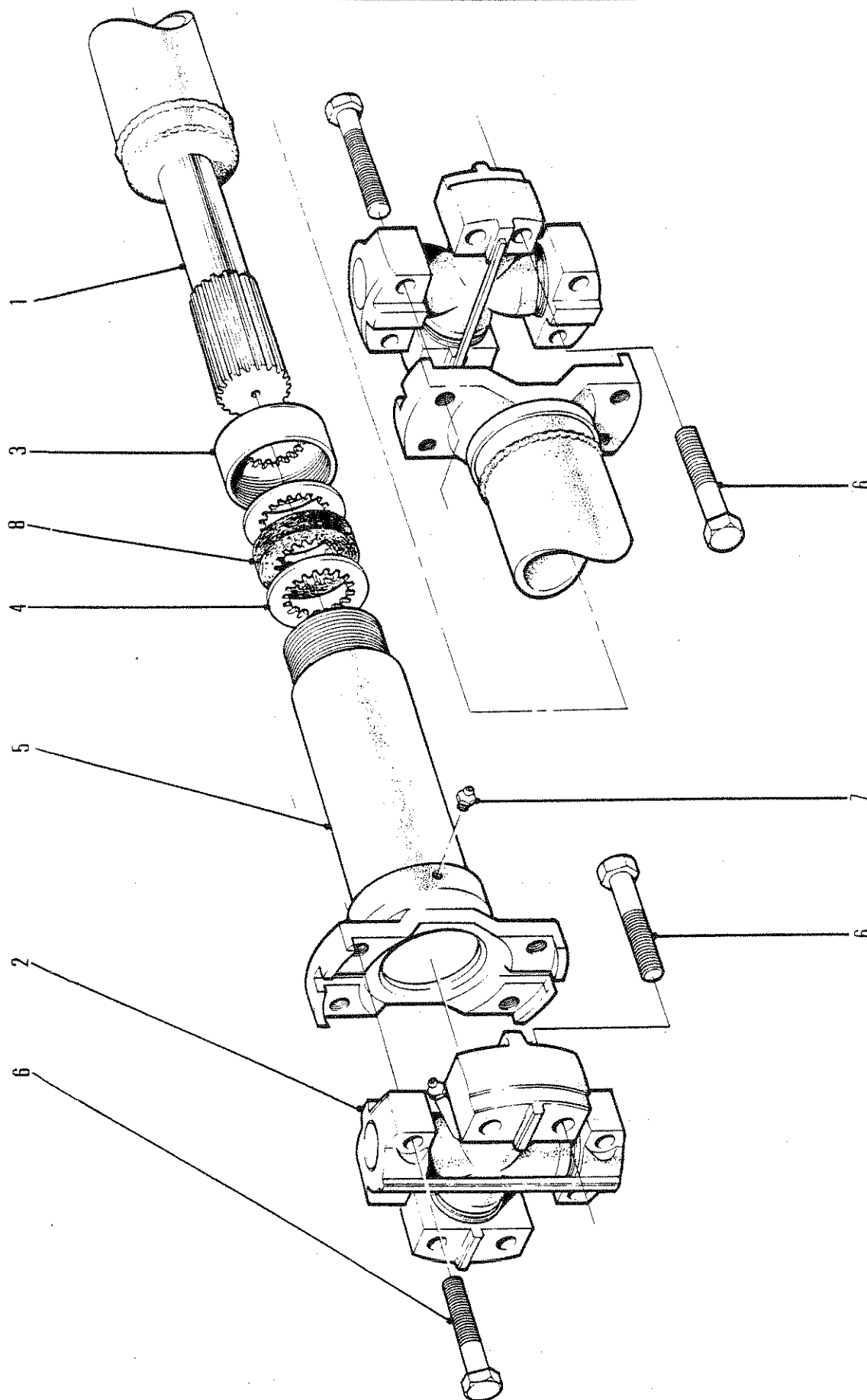


PROPELLER SHAFT ASSEMBLY, REAR AXLE INPUT
ENSEMBLE D'ARBRE D'ENTRAÎNEMENT, ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG, HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR, EIXOS TRASEIROS
CONJUNTO DEL EJE PROPULSOR, EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	12515521	1	Prop shaft	arbre de transmission	Antriebswelle	eixo da hélice	eje de propulsión
B	21992054	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
2	944862	1	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	18C000632	8	Bolt	boulon	Bolzen	parafuso	bulón
4	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
5	5299099	1	Seal	joint étanchéité	Dichtung	vedador	sello
6	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
7	963088	1	Stub yoke	chape de fusé	Stumpfjoch	ponta do garfo	horquilla tocon
8	944862	1	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
9	10H00035	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
10	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 10

² Inc1, 4, 5, 6 & 9

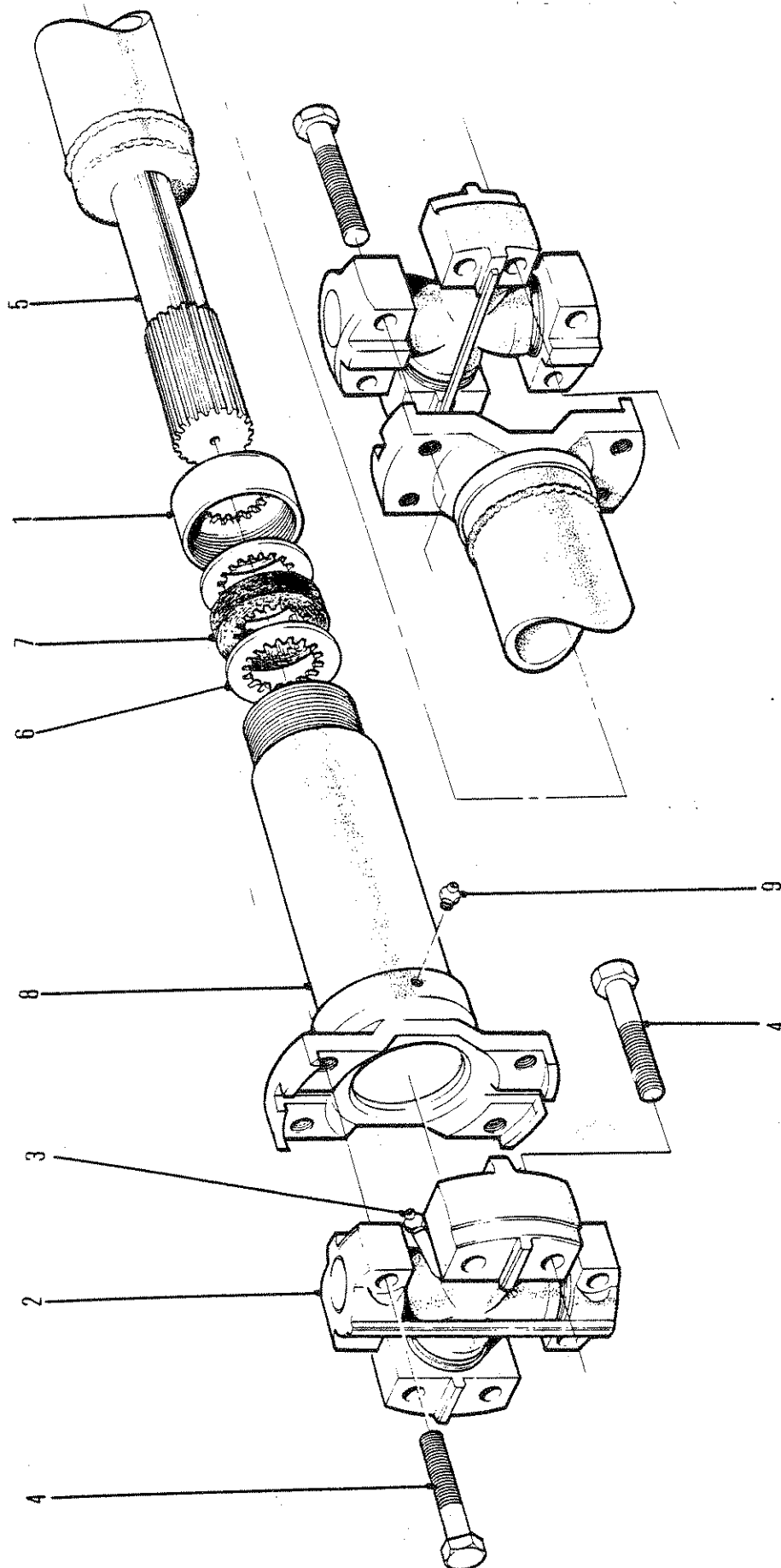


PROPELLER SHAFT ASSEMBLY-REAR AXLE INPUT
ENSEMBLE D'ARBRE DENTRÎNEMENT-ESSIEUX ARRIÈRE
KARDANWELLE, VOLLSTÄNDIG-HINTERACHSEN
CONJUNTO DE EIXO PROPULSOR-EIXOS TRASEIROS
CONJUNTO DEL EJE PROPULSOR-EJES TRASEROS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2517047	1	Prop shaft	arbre de transmission	Antriebswelle	eixo da hélice	eje de propulsión
B	2961908	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	961907	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
4	5299100	2	Washer	rondelle	Scheibe	arruela	arandela
5	8-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
6	18C000628	16	Bolt	boulon	Bolzen	parafuso	bulón
7	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
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**

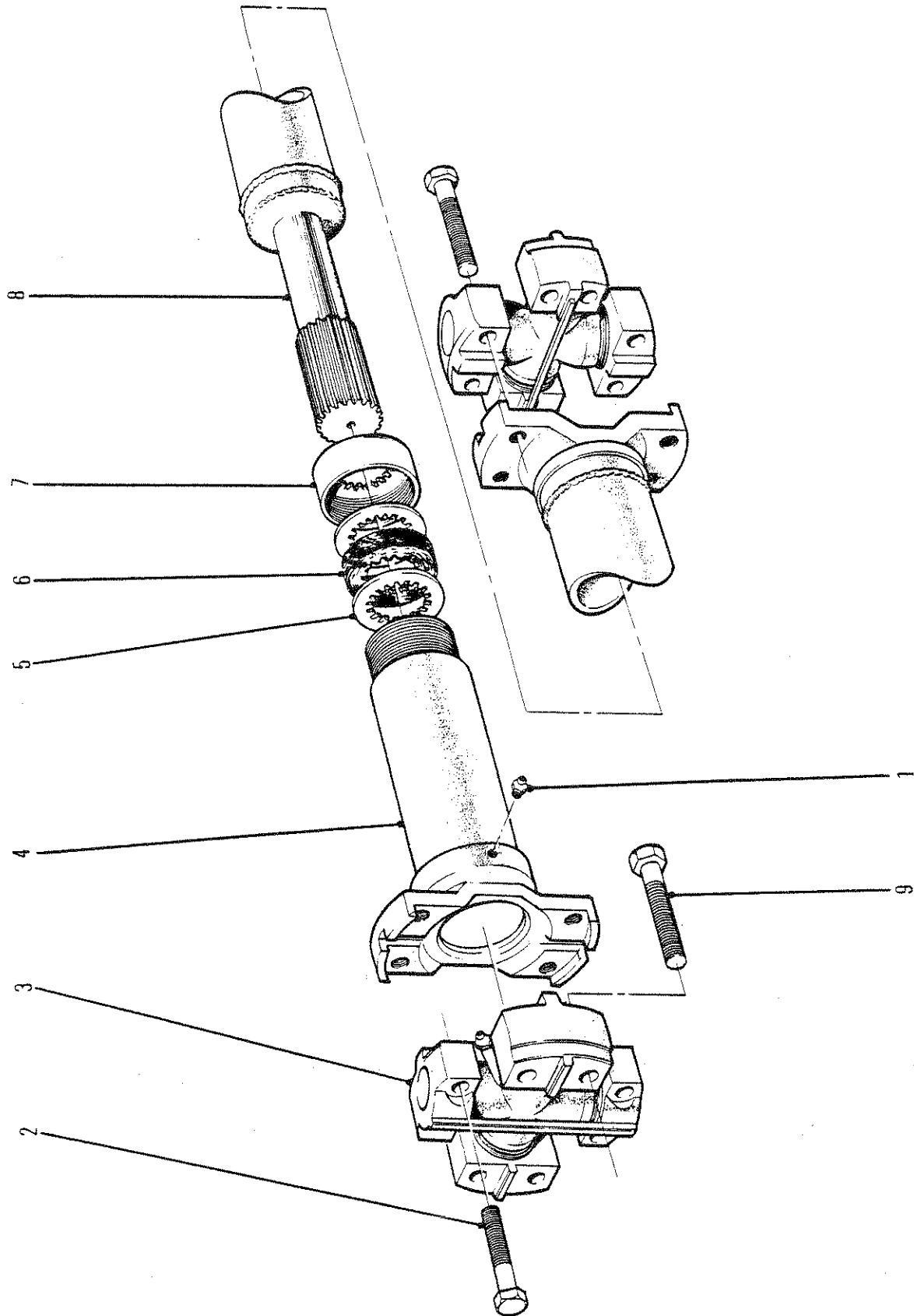
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1911528	1	Prop shaft assy	ens arbre propulsion	Kardanwelle vollst	conj eixo propulsor	conj eje impulsor
B	1992253	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	940090	1	Retainer	arrêtoir	Halterung	retentor	retén
2	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
3	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	S-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
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

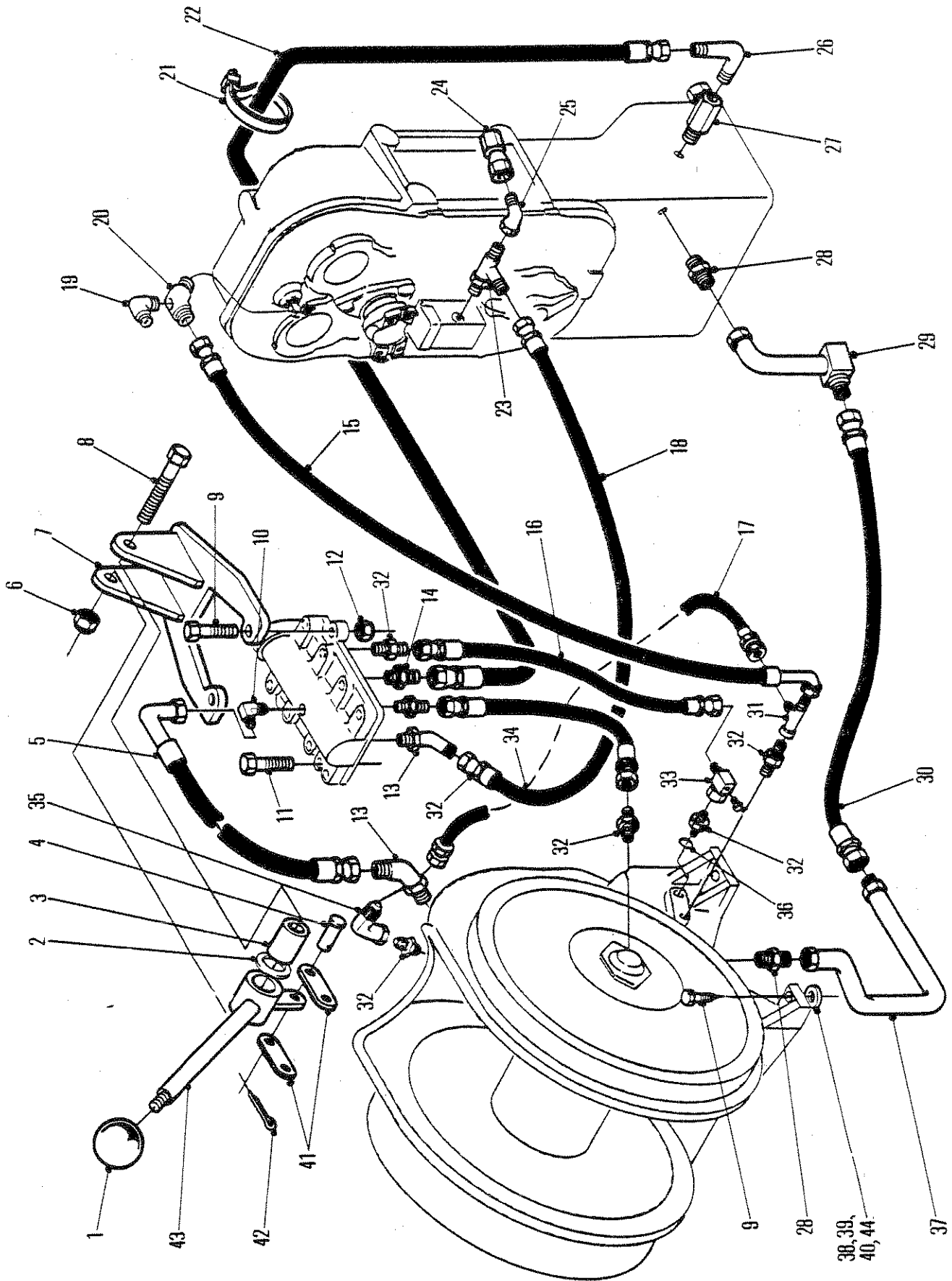


PROPELLER SHAFT ASSEMBLY-TRANSMISSION/MID MOUNT BEARING
ARBRE D'ENTRAÎNEMENT-TRANSMISSION/PALIER CENTRAL,ENSEMBLE
GELENKWELLE VOLLSTÄNDIG-GETRIEBE/MITTELLAGER
EIXO PROPULSOR-TRANSMISSÃO/MANCAL CENTRAL CONJUNTO
ARBOL PROPULSOR-TRANSMISIÓN/COJINETE CENTRAL CONJUNTO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1935462	1	Propshaft	arbre de lhélice	Propellerwelle	eixo de propulsão	eje propulsor
B	1992358	1	Slip yoke assy	ens chape coulissnte	Gleitjoch vollst	cj bloco corredião	cj acople telescop
1	10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	18C000628	8	Bolt	boulon	Bolzen	parafuso	bulón
3	944862	2	Spider assy	ens croisillon	Kreuzgelenk vollst	conj cruzeta	conj cruceta
4	§-----	1	Slip yoke	chape coulissnte	Gleitkupplg	garfo corredião	acople telescop
5	5290100	2	Washer	rondelle	Scheibe	arruela	arandela
6	5290099	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	940090	1	Cap	chapeau	Kappe	tampa	tapa
8	1992360	1	Tube	tube	Rohr	tubo	tubo
9	18C000628	8	Bolt	boulon	Boizen	parafuso	bulón

¹ Inc 1→9

² Inc 1, 4→7



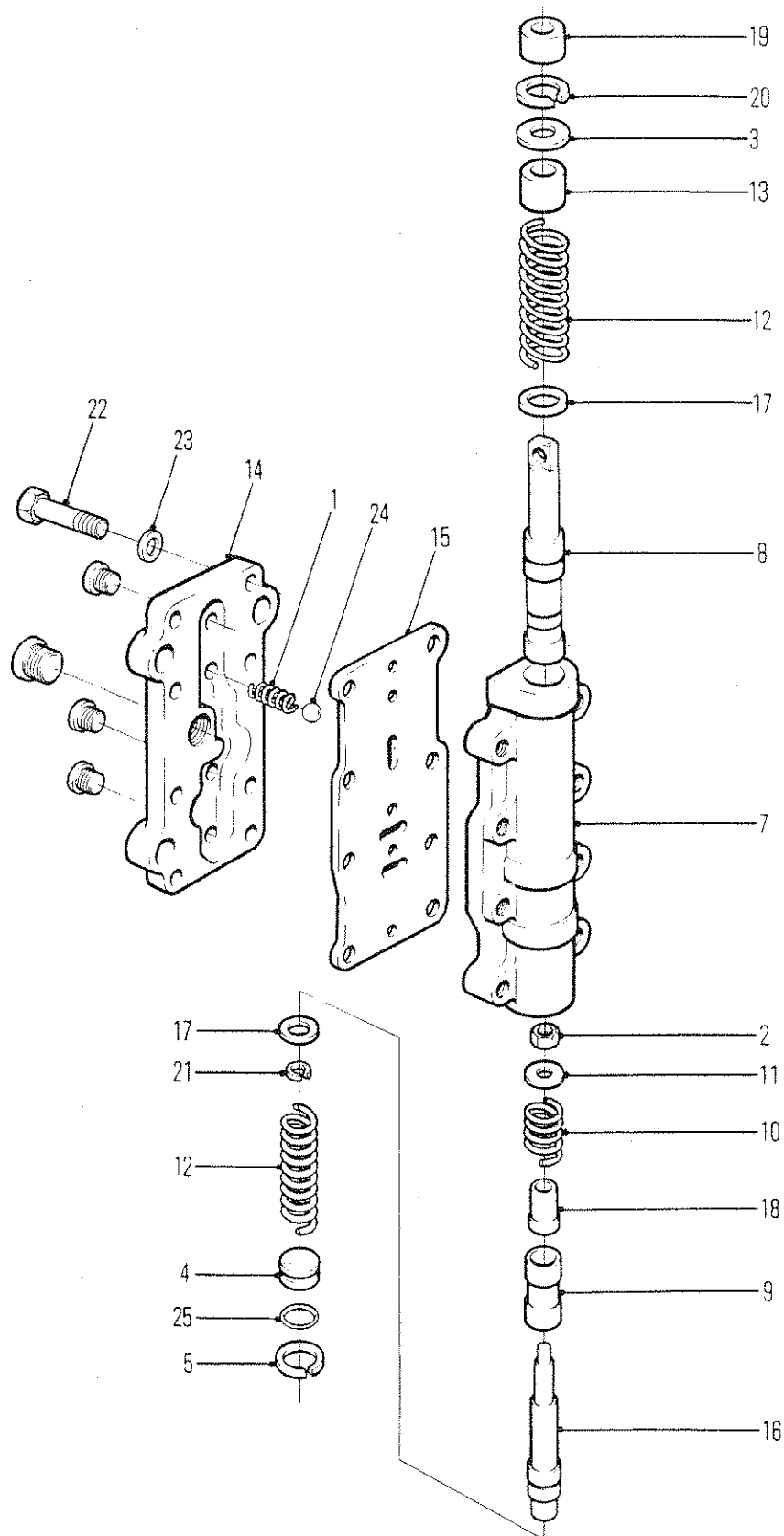
WINCH CONTROLS & HYDRAULICS-CLARK
COMMANDES DE TREUIL & D'HYDRAULIQUE-CLARK
WINDEN- & HYDRAULIKBEDIENUNG-CLARK
CONTROLE & HIDRÁULICO DO GUINCHO-CLARK
CONTROLES & HIDÁULICA DEL GUINCHE-CLARK

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	565389	1	Knob	bouton	Knopf	manipula	botón
2	1522535	1	Seal	joint étanchéité	Dichtung	vedador	sello
3	1503251	1	Sleeve	manchon	Muffe	luva	manguito
4	894831	2	Pin	goupille	Stift	pino	pasador
5	1904810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	59D000008	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuercas
7	1919951	1	Bracket	support	Winkel	grampo	grampa
8	17C000848	1	Bolt	boulon	Bolzen	parafuso	bulón
9	17C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
10	83F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
11	17C000632	3	Bolt	boulon	Bolzen	parafuso	bulón
12	59D000006	3	Nut	écrou	Mutter	porca	tuerca
13	18K000005	4	Fitting	ajustage	Verbindung	ajuste	accesorio
14	89F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
15	1906369	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1904807	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1905864	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	2750296	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	1518811	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
20	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	1539058	1	Tie strap	bande d'attache	Befestigungsband	cinta de ligação	banda de atadura
22	1916969	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
23	21K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
24	36K000006	1	Cap	chapeau	Kappe	tampa	tapa
25	12K000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	1925940	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
28	89F000010	2	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
29	1906386	1	Tube	tube	Rohr	tubo	tubo
30	1906370	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
32	15K000005	6	Fitting	ajustage	Verbindung	ajuste	accesorio
33	17K000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
34	1905117	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	11K000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
36	91F000005	1	O-ring	joint torique	O Ring	anel-O	anillo-O
37	1906387	1	Tube	tube	Rohr	tubo	tubo
38	27E000016	-	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
39	1928246	-	Shim .0179	cale 0,45MM	Beilage 0,45MM	calço 0,45MM	planchita 0,45MM
40	1928247	-	Shim .0478	cale 1,21MM	Beilage 1,21MM	calço 1,21MM	planchita 1,21MM
41	1902756	2	Link	articulation	Gelenk	articulação	articulación
42	1F000310	2	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
43	1924505	1	Lever assy	levier ens	Hebel vollst	alavanca conj	palanca conj
44	1928248	-	Shim .0299	cale 0,76MM	Beilage 0,76MM	calço 0,76MM	planchita 0,76MM
45	1736910	1	Tie	attache	Haft	liame	atadura
46	1905685	1	Hose guide	guide de tuyau souple	Schlauchführung	guia de mangueira	guia de manguera
47	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
48	675227	1	Bearing	palier	Lager	mancal	cojinete

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC

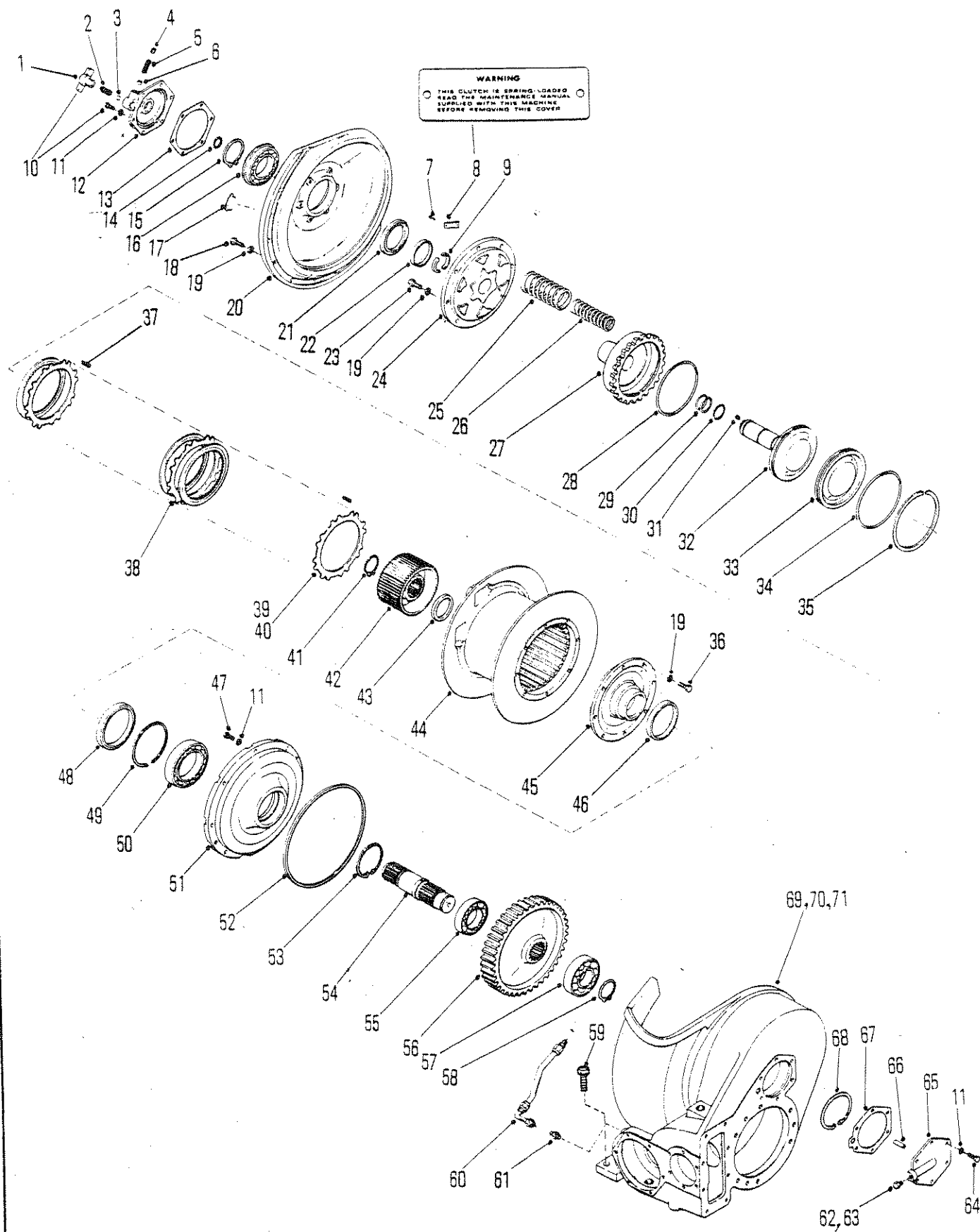


5415TP

WINCH CONTROL VALVE ASSEMBLY-CLARK
ENSEMBLE DE SOUPAPE DE CONTRÔLE DU TREUIL-CLARK
STEUERVENTILKOMBINATION DE WINDE-CLARK
CONJUNTO DE VALVULA DE CONTRÔLE DO GUINCHO-CLARK
CONJUNTO VÁLVULA DE CONTROL 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



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 & EMBRAGUE W311-1

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	³ 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	mancai	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	⁴ S-----	1	Sleeve	manchon	Muffe	luva	manguito
23	17C000824	16	Bolt	boulon	Bolzen	parafuso	bulón
24	⁵ 234597	1	Drum support	support du tarnbour	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	² 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	⁶ 236574	12	Thrust washer	rondelle pouss	Ritzeldruck	arruela empuxo	arandela empuje
38	232628	11	Disc inner	disque interieur	Scheibe innen	disco interior	disco interno
39	232285	14	Disc outer	disque extérieur	Scheibe, aussen	disco exterior	disco externo
40	⁶ 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&wsher 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

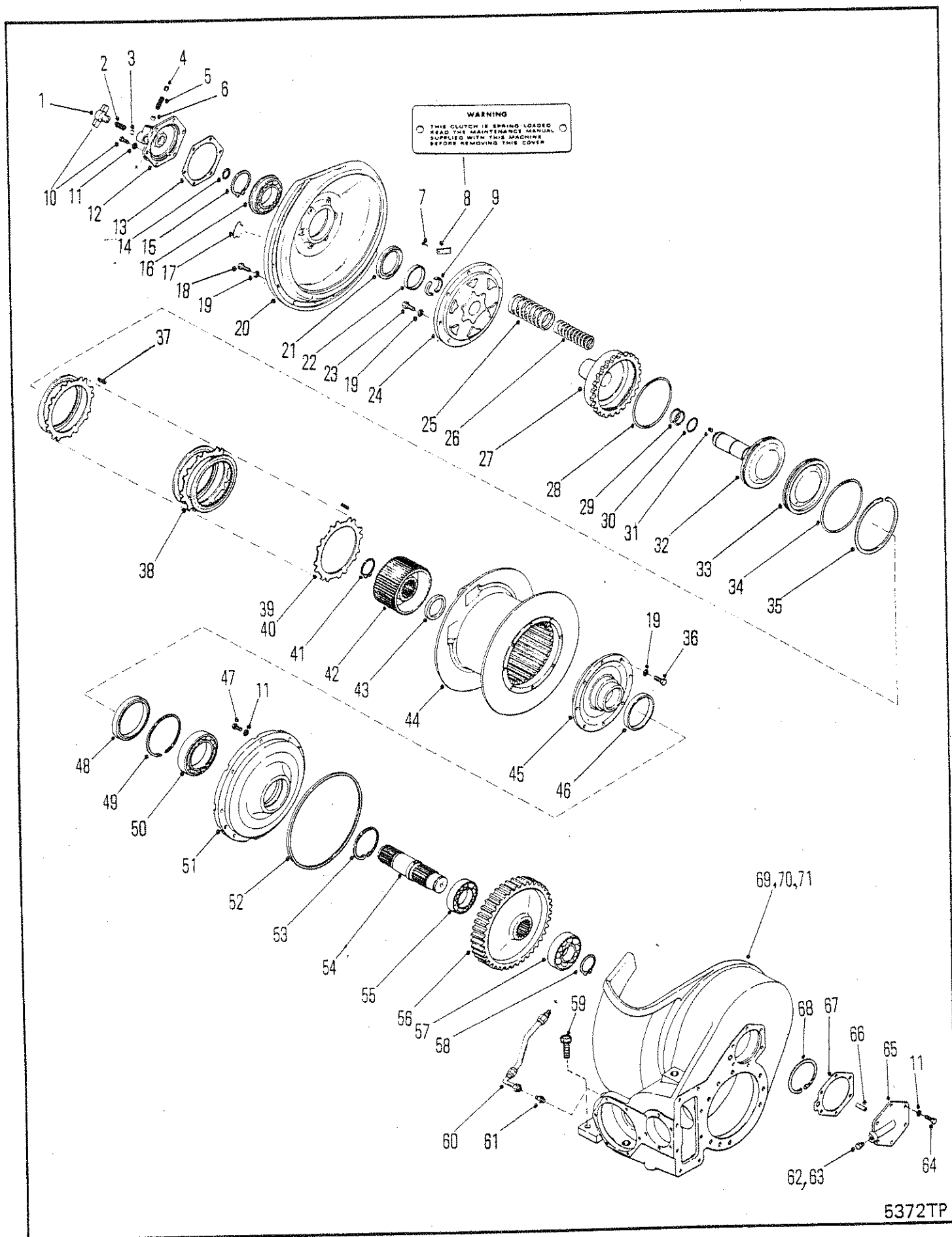
⁶ □S/N 94804T⇒Guincho

⁶ □S/N 94804T⇒Guinche

666CUM
666GM
666GMGR

500H-101-CAC⇒500H-9999-CAC
513H-101-CAC⇒513H-9999-CAC
515H-101-CAC⇒515H-9999-CAC

526H-101-CAC⇒526H-9999-CAC
542H-101-CAC⇒542H-9999-CAC



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 & EMBRAGUE 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

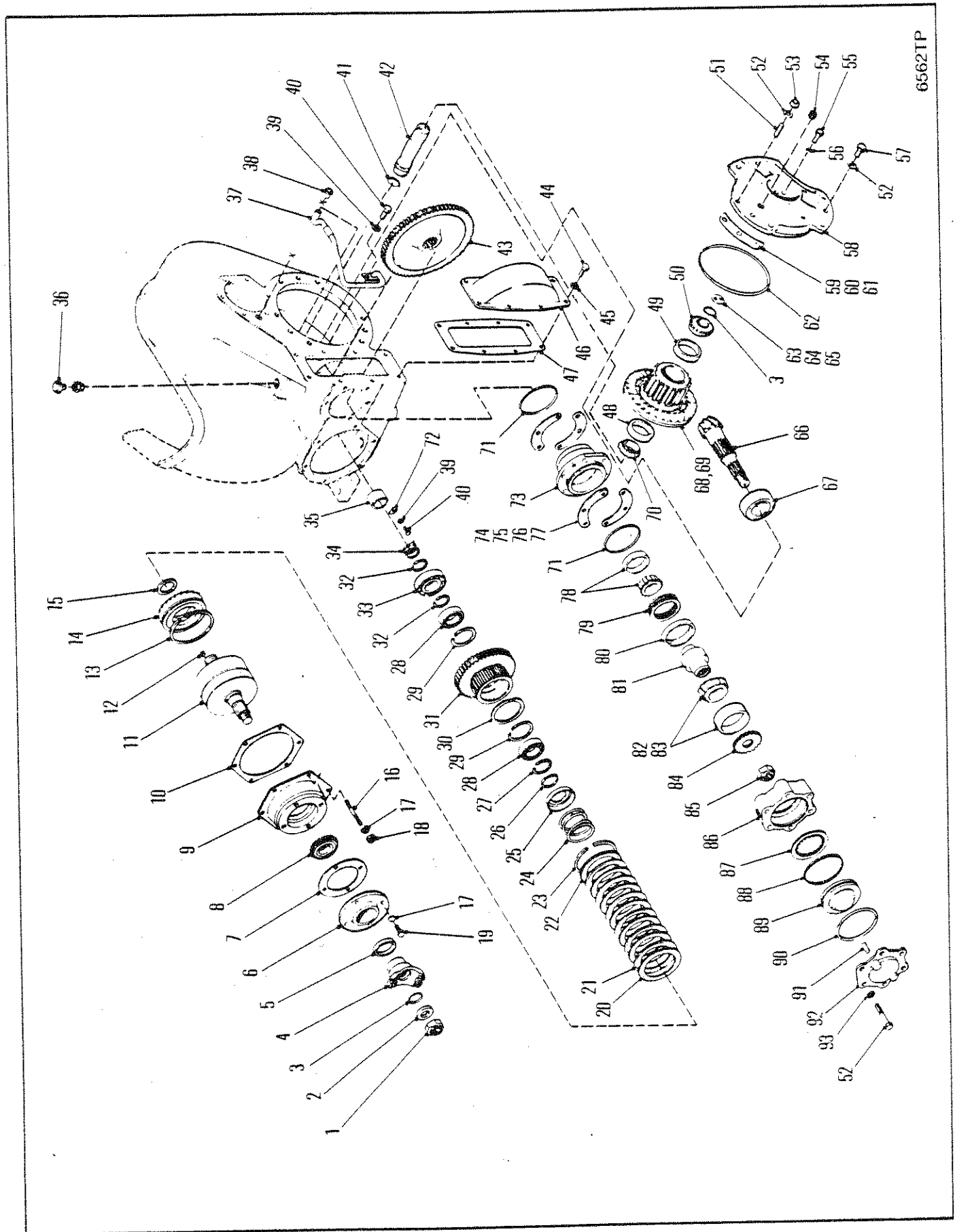
⁶ □ S/N 94804T → Winch

⁶ □ S/N 94804T → Treuil

⁶ □ S/N 94804T → Winde

⁶ □ S/N 94804T → Guincho

⁶ □ S/N 94804T → Guinche



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-EMBRAGEM DE ENTRADA, EIXO DE PINHÃO & EIXO DE ENGRENAGE W-311-1

GUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓN & 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	bride	Flansch	flange	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	jogo 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	231743	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	Laufing	canaleta	via
36	233598	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
37	232348	1	Tube	tube	Rohr	tubo	tubo
38	222067	1	Sleeve	manchon	Muffe	lufa	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

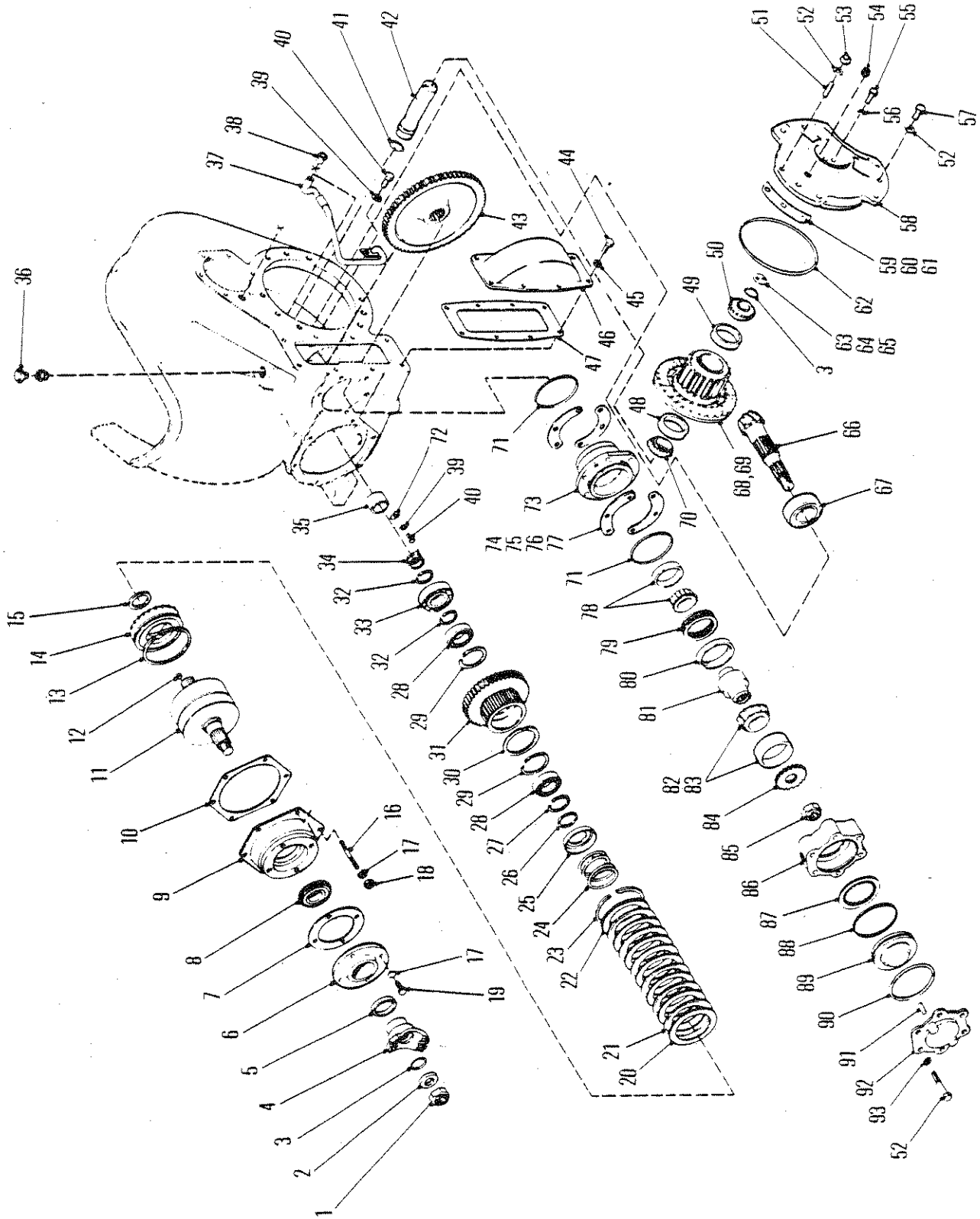
4 Inc 1 → 93 Ref A6 23000

5 Teflon

6 Inc 13A

666CUM 500H-101-CAC → 500H-9999-CAC
666GM 526H-101-CAC → 526H-9999C-AC
666GMGR 515H-101-CAC → 515H-9999-CAC

542H-101-CAC → 542H-9999-CAC



65621P

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
QUINCHE-EMBRAGUE DE ENTRADA, EJE PIÑÓN & 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	pignon	Ritzel	pinhão	pion
67	225844	1	Roller	galet	Roile	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	colço	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	232222	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	Laufring	canaleta	vía
82	232355	1	Bearing assy	ens palier	Lager vollst	conj mancal	conj cojinete
83	232356	1	Bearing race	gorge roulement	Kugellagerlaufring	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	disco
88	217420	1	Piston ring	segment de piston	Koilenring	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

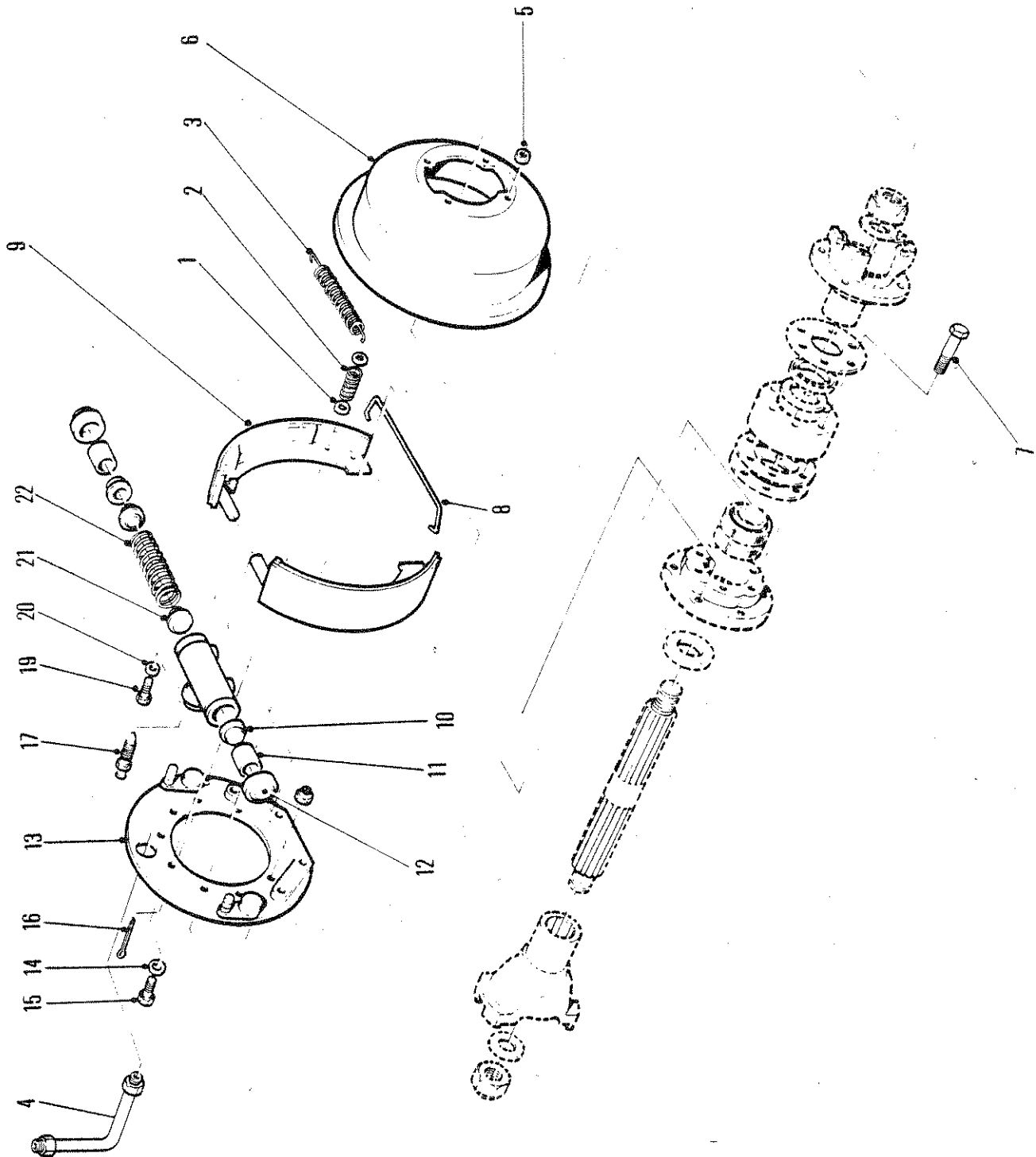
4 Inc 1 → 93 Ref A6 23000

5 Teflon

6 Inc 13A

666CUM 500H-101-CAC → 500H-9999-CAC
 666GM 526H-101-CAC → 526H-9999C-AC
 666GMGR 515H-101-CAC → 515H-9999-CAC

542H-101-CAC → 542H-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	1900020	1	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
B	1990119	1	Wheel cyl assy	ens cylindre de roue	Radzylinder-Bausatz	do cilindro da roda conj	cilindro rueda conj
C	887578	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
D	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	5S-----	2	Cup	cuvette	Schale	capa	cubeta
11	874125	2	Piston	piston	Kolben	pistão	pistón
12	5S-----	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	5S-----	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

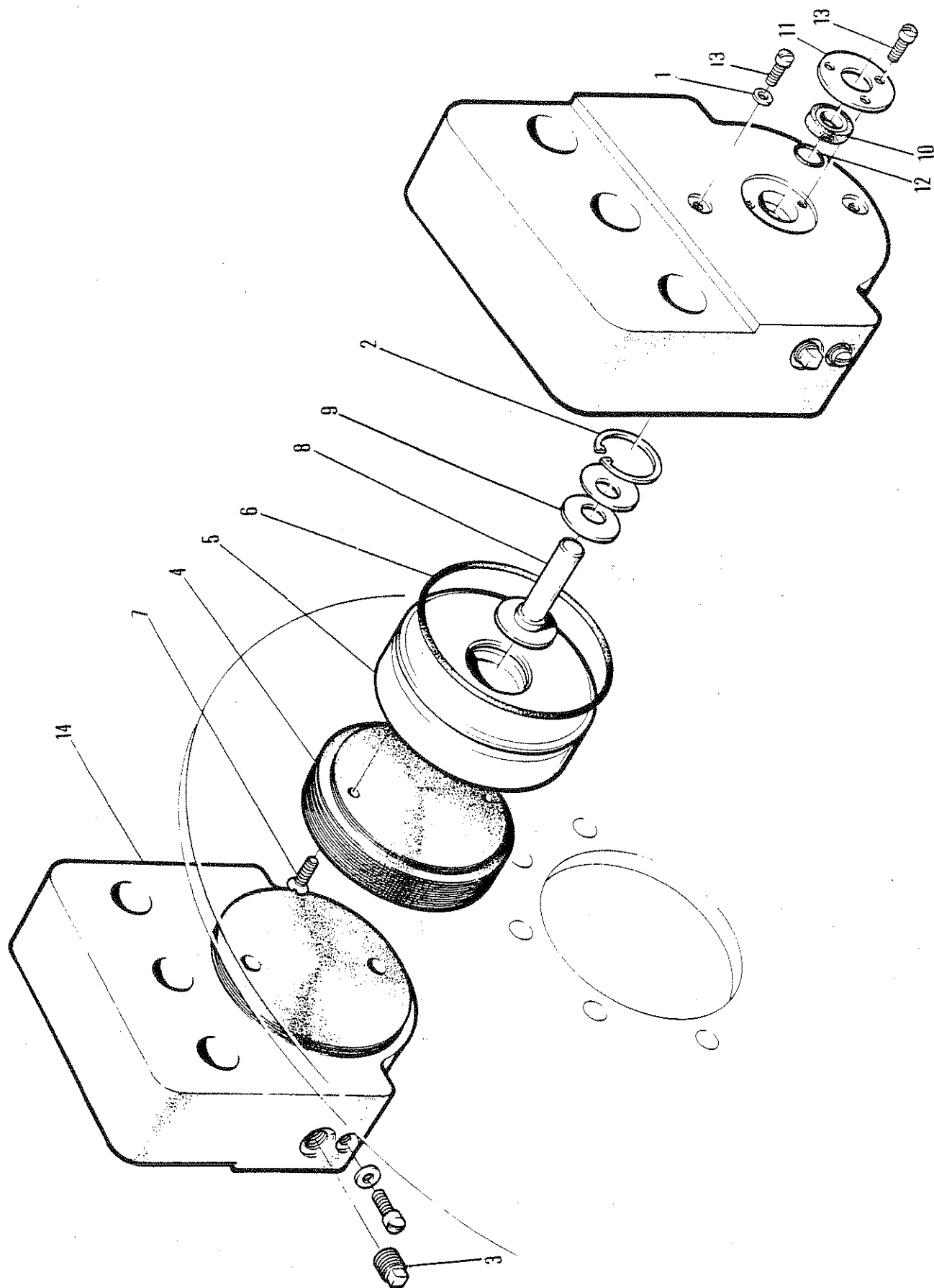
⁶ See item A & B

⁶ Voir article A & B

⁶ Siehe Punkt A & B

⁶ Vea item A & B

⁶ Vea item A & B

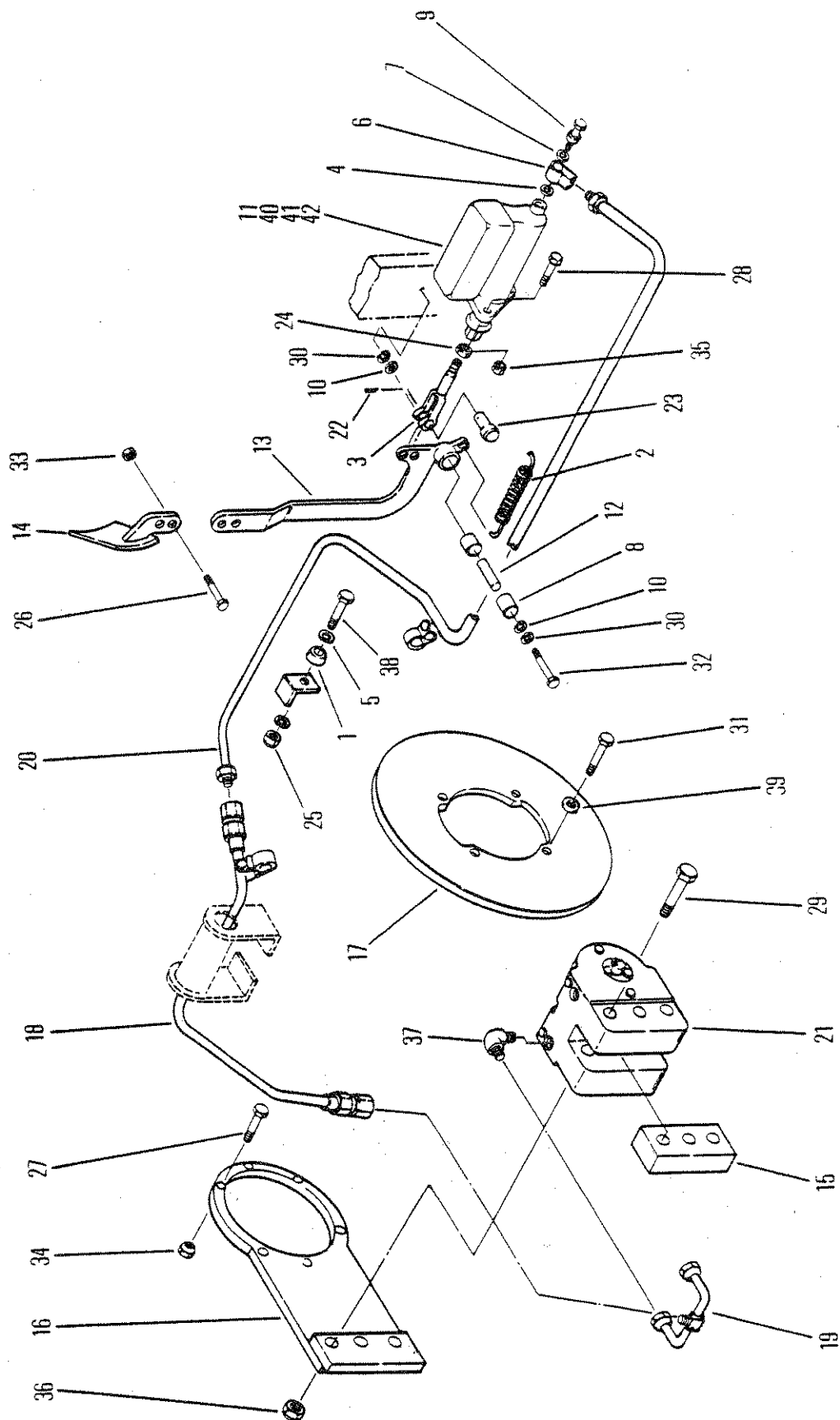


SERVICE BRAKE - DISC
FREIN PRIMAIRE - DISQUE
DIENSTBREMSE - SCHEIBE
FREIO MANUTENÇÃO - DISCO
FRENO SERVICIO - DISCO

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	25-----	-	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 - 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	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	anillo 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 frien	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	1+1992210	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
41	1+1992113	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	vaivula alivio
42	1+861692	1	Boot	capuchon	Kappe	capuz	capuchón
43	857944	1	Filler plug	bouchon de remplis	Füller Stopfen	bujão de abastesc	tapón de llenadao

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

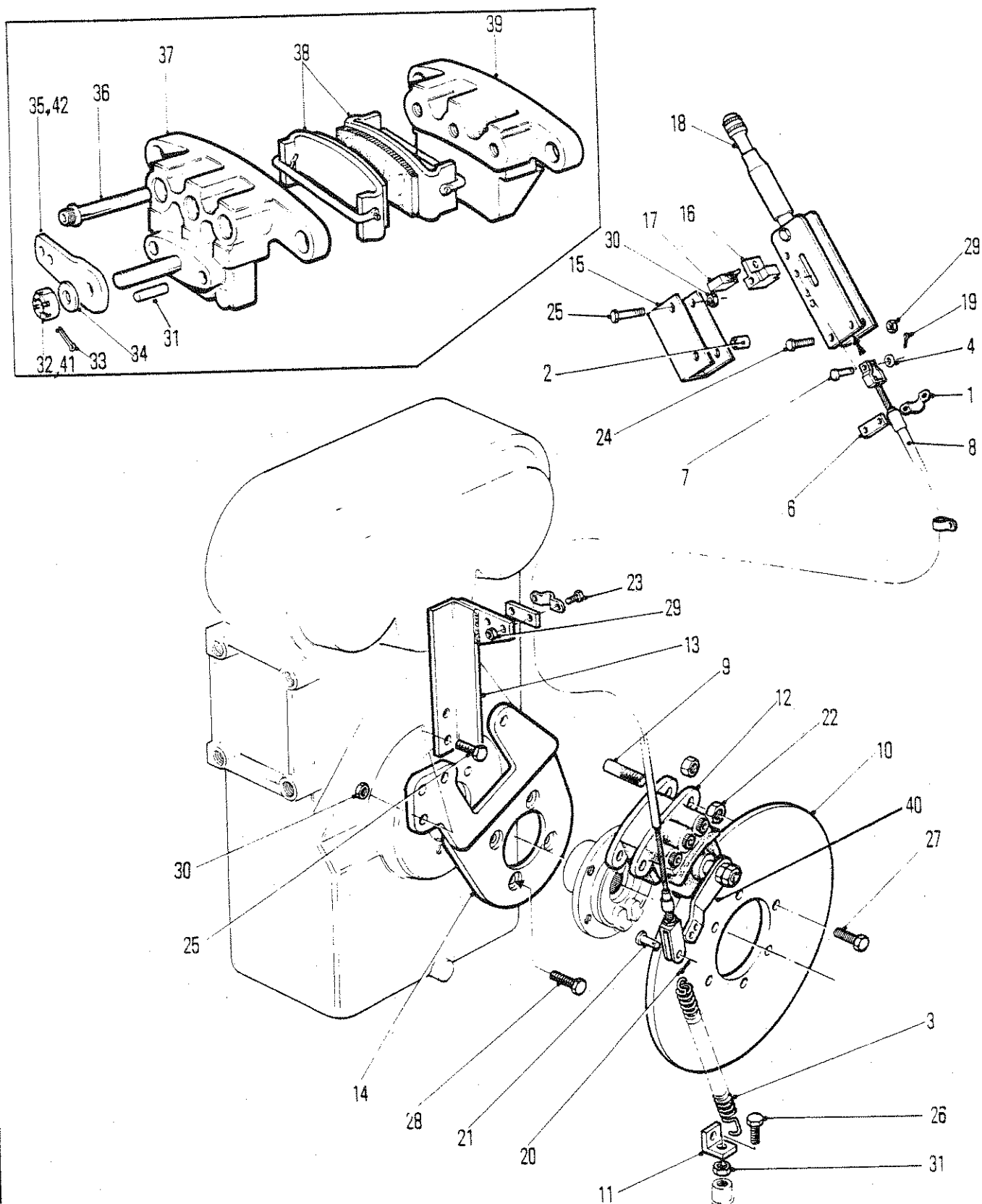
1 Os itens 40, 41 e 42 são para o serviço do cilindro mestre

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

2 Ref A7 10200

666CUM
666GM
666GMGR

500H-101-CAC→500H-745-CAC
513H-101-CAC→513H-1675-CAC
515H-101-CAC→515H-1120-CAC



6124TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	544512	2	Clamp	pince	Schelle	braçadeira	abrazadera
2	545005	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
3	551014	1	Spring	ressort	Feder	mola	resorte
4	619019	1	Washer	rondelle	Scheibe	arruela	arandela
5	635373	2	Washer	rondelle	Scheibe	arruela	arandela
6	645092	3	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	862738	1	Pin	goupille	Stift	pino	pasador
8	1914240	1	Cable	câble	Kabel	cabo	cable
9	1915733	2	Rod	tige	Stange	varão	varilla
10	1916734	1	Disc	disque	Scheibe	disco	disco
11	1916738	1	Bracket	support	Winkel	grampo	grampa
12	1937662	1	Caliper	pied à coulisse	Innendurchmesser	calibrador	calibrador
13	1922192	1	Cable support	support de câble	Kabelträger	suporte de cabo	soporte de cable
14	1923390	1	Bracket	support	Winkel	grampo	grampa
15	1924023	1	Cover	couvercle	Deckel	tampa	tapa
16	1933713	1	Mounting block	pice montage	Block Montage	peça montagem	pieza montaje
17	2512840	1	Switch	interrupteur	Schalter	interruptor	interruptor
18	3951954	1	Hand brake	frein à main	Handbremse	freio manual	freno manual
19	1F000312	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
20	1F000316	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
21	4F006106	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
22	7D000010	4	Nut	écrou	Mutter	porca	tuerca
23	17C000520	2	Bolt	boulon	Bolzen	parafuso	bulón
24	17C000528	2	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000636	4	Bolt	boulon	Bolzen	parafuso	bulón
26	34C000612	2	Bolt	boulon	Bolzen	parafuso	bulón
27	34C000616	6	Bolt	boulon	Bolzen	parafuso	bulón
28	1930549	4	Bolt	boulon	Bolzen	parafuso	bulón
29	85D000005	4	Nut	écrou	Mutter	porca	tuerca
30	85D000006	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
31	840643	2	Pin	goupille	Stift	pino	pasador
32	840789	1	Nut	écrou	Mutter	porca	tuerca
33	1F0000516	1	Pin	goupille	Stift	pino	pasador
34	841313	1	Washer	rondelle	Scheibe	arruela	arandela
35	25209729	1	Cam	came	Nocke	came	leva
36	11G000848	1	Screw	vis	Schraube	parafuso	tornillo
37	966263	1	Housing	botier	Gehuse	carcaça	carcasa
38	1991898	2	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
39	966262	1	Housing	botier	Gehuse	carcaça	carcasa
40	1934370	1	Anchor	ancree	Anker	ancoragem	anclaje
41	841314	1	Nut	écrou	Mutter	porca	tuerca
42	1992442	1	Cam	came	Nocke	came	leva
43	841315	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación

1 One (1) Repair Kit includes (1) pad, (1) holder & (1) spring
 1 Un (1) nécessaire de réparation comprend (1) tampon, (1) support et (1) ressort.
 1 Ein (1) Reparatursatz umfasst (1) Polster, (1) Halter U. (1) Feder.
 1 Um (1) conjunto de reparo inclui (1) calço, (1) suporte e (1) mola.
 1 Un (1) juego de reparación incluye (1) cojin, (1) soporte y (1) resorte.

2 1/8 dia.

3 9/16 dia.

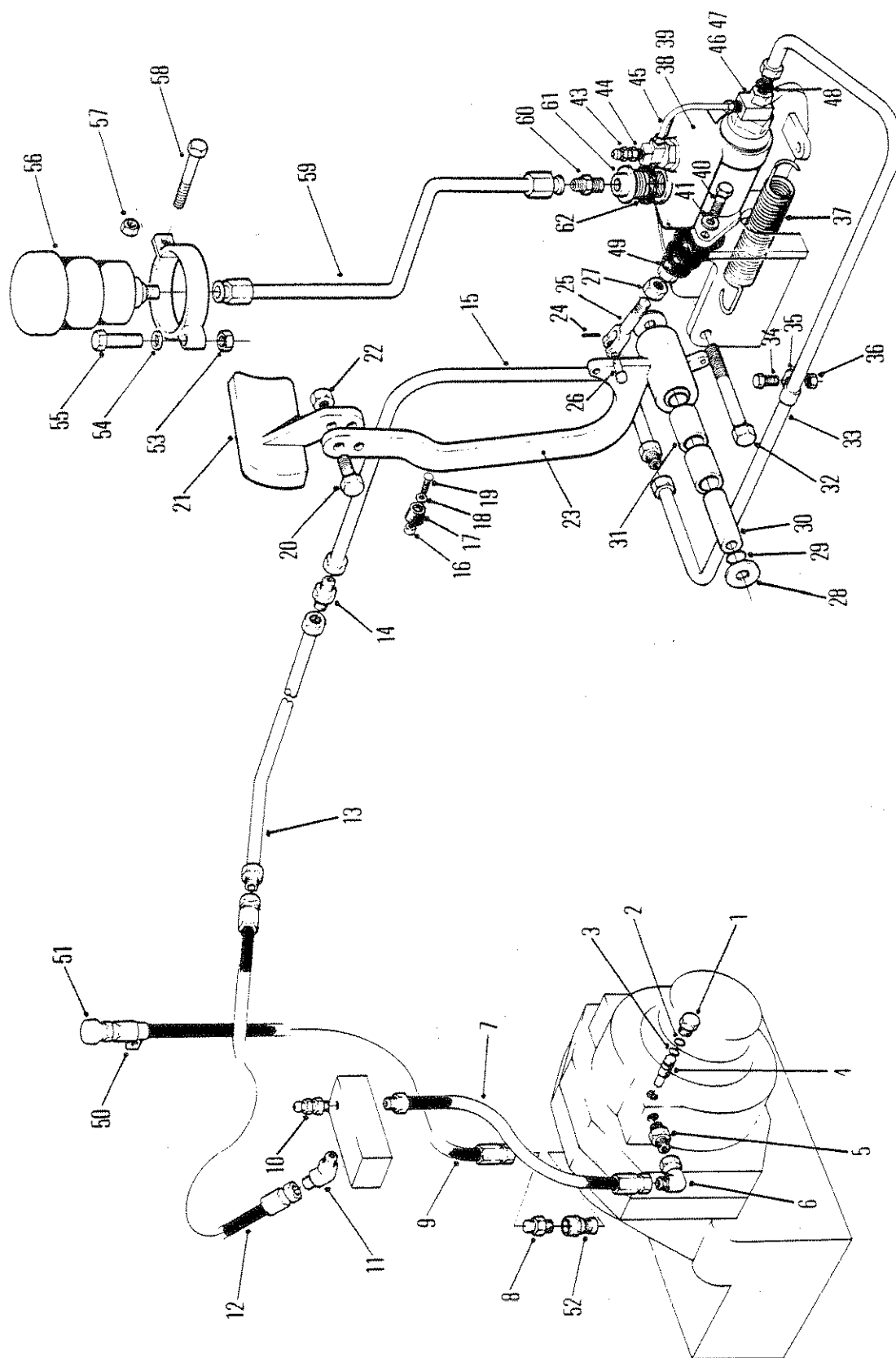
4 When ordering housing order 1-841314 Nut & 1-1992442 Cam.

5 Inc. 33, 34, 37 & 41

666CUM
 666GM
 666GMGR

500H-101-CAC→500H-9999-CAC
 513H-101-CAC→513H-9999-CAC
 515H-101-CAC→515H-9999-CAC

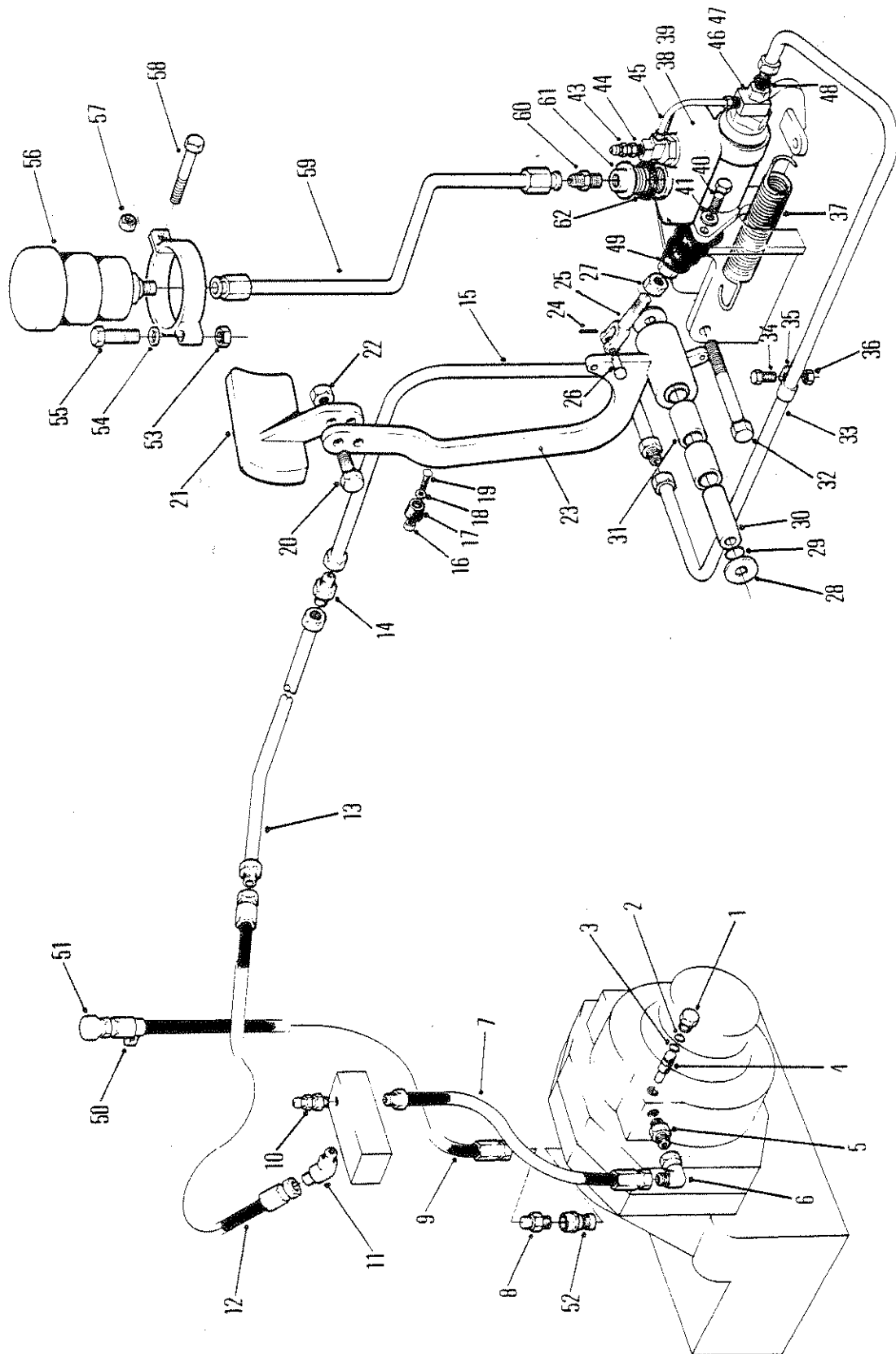
542H-101-CAC→542H-9999-CAC



6125TP

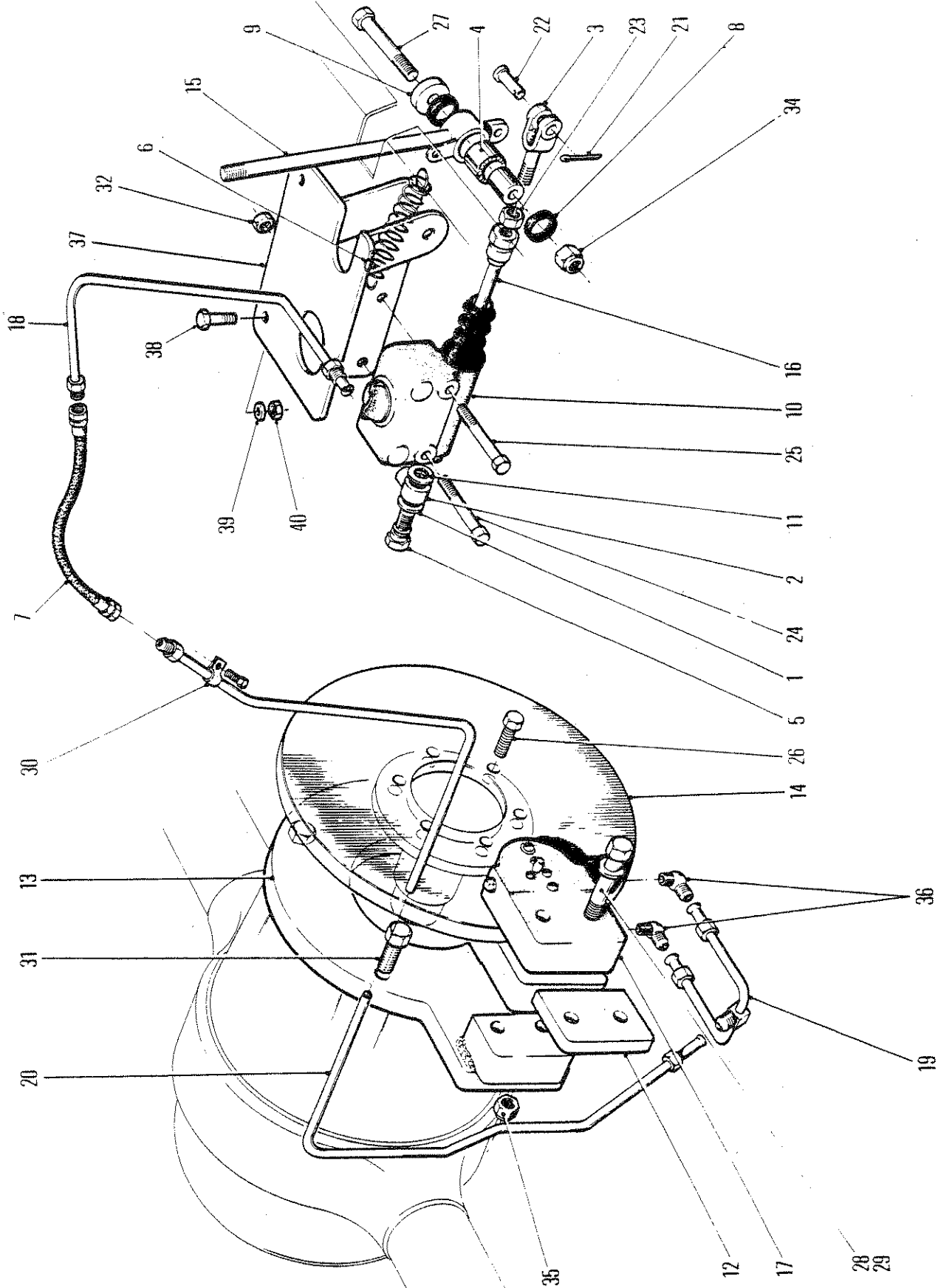
SERVICE BRAKE CONTROLS
COMMANDES DE FREIN STANDARD
STANDARD BREMSENBEDIENUNGEN
COMMANDO DE FREIO DE ESTRADA
CONTROL DE FRENO DE CARRETERA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	238426	1	Plug	bouchon	Stopfen	bujão	tapón
2	25K020008	1	O-ring	joint torique	O Ring	anel-O	anillo-O
3	25K020008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1930688	1	Spool	tiroir	Spule	carretel	carrete
5	1320451	1	Connector	raccord	Verbindungsstück	ligador	conector
6	668385	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	1934572	1	Tube	tube	Rohr	tubo	tubo
8	89F000006	1	Connector	raccord	Verbindungsstück	ligador	conector
9	1909703	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	892250	1	Bleed screw	vis de fuite	Lüftungsschraube	parafuso sangria	tornillo purga
11	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	1930029	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1929680	1	Tube	tube	Rohr	tubo	tubo
14	87F000004	1	Connector	raccord	Verbindungsstück	ligador	conector
15	1929679	1	Tube	tube	Rohr	tubo	tubo
16	59D000010	1	Nut	écrou	Mutter	porca	tuerca
17	302568	1	Bumper	butoir	Stoßfänger	batente	tope
18	616775	1	Washer	rondelle	Scheibe	arruela	arandela
19	86G001010	1	Screw	vis	Schraube	parafuso	tornillo
20	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
21	1919811	1	Pedal assy	ass de la pedale	Pedaleinheit	conj do pedal	disp do pedal
22	59D000006	2	Nut	écrou	Mutter	porca	tuerca
23	1929708	1	Arm assy	ass du bras	Armeinheit	conj do braço	conj do brazo
24	1F000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
25	1926869	1	Clevis	étrier	Schkel	garfo	horquilla
26	4F008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
27	8D0000007	1	Nut	écrou	Mutter	porca	tuerca
28	27E000010	2	Washer	rondelle	Scheibe	arruela	arandela
29	1522535	2	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
30	1916718	1	Sleeve	manchon	Muffe	luva	manguito
31	675227	2	Bearing	palier	Lager	mancal	cojinete
32	33C001064	1	Bolt	boulon	Bolzen	parafuso	bulón
33	1929681	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
34	34C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
35	30H000020	2	Clip	attache	Schelle	bracadeira	abrazadera
36	59D000006	1	Nut	écrou	Mutter	porca	tuerca
37	550301	1	Spring	ressort	Feder	mola	resorte
38	1931876	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
39	†1992208	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación
40	17C000624	3	Bolt	boulon	Bolzen	parafuso	bulón
41	27E000006	3	Washer	rondelle	Scheibe	arruela	arandela
42	†59D000006	3	Nut	écrou	Mutter	porca	tuerca
43	892250	1	Bleed screw	vis de fuite	Lüftungsschraube	parafuso sangria	tornillo purga
44	695695	1	Tee	raccord T	T-Verbindungsstück	te	te
45	1991913	1	Tube	tube	Rohr	tubo	tubo



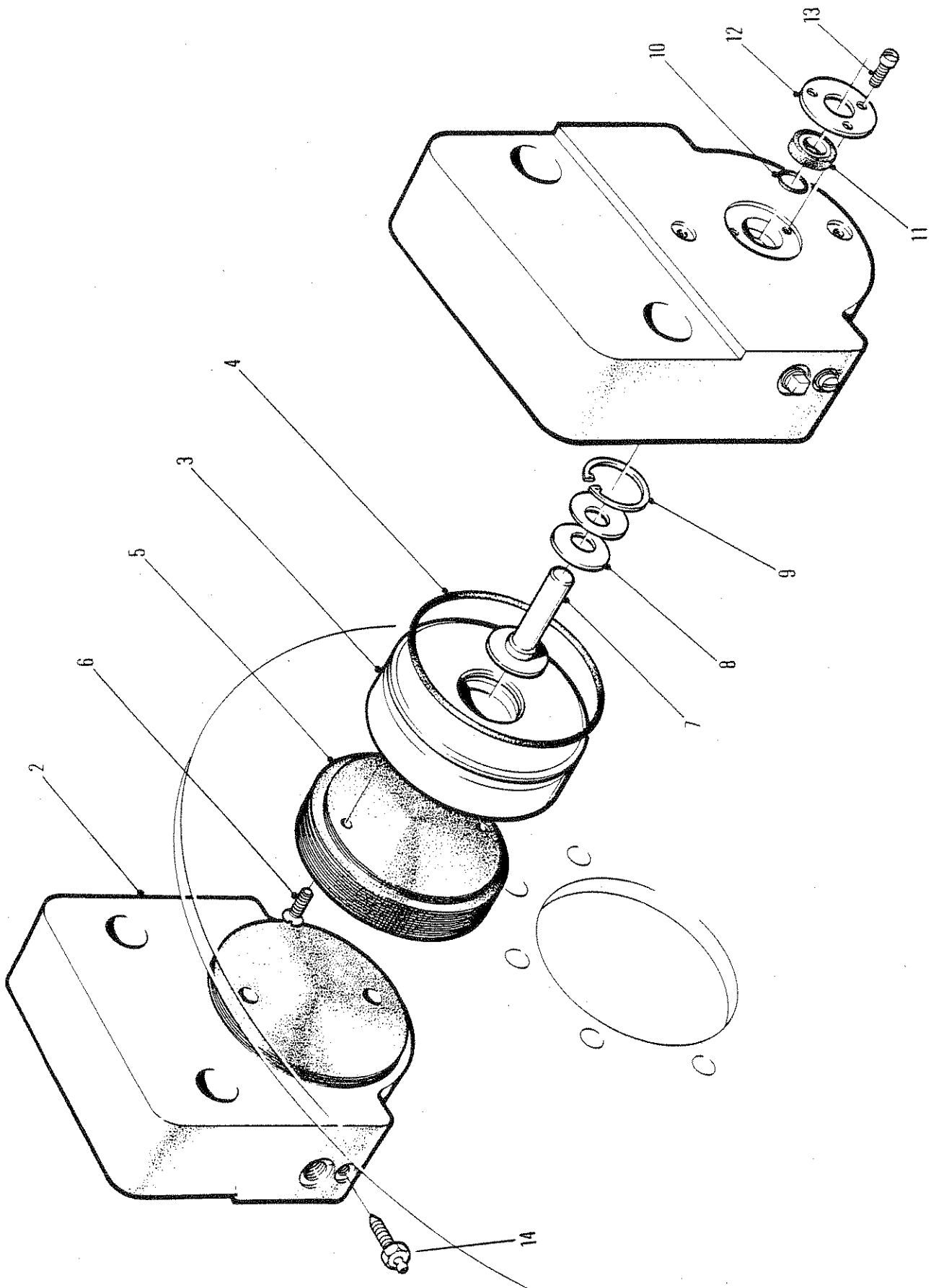
SECONDARY BRAKE CONTROLS ✕
COMMANDE DE FREIN SECONDAIRE ✕
SEKUNDÄRBREMSBEDIENUNG ✕
CONTROLES DO FREIO SECUNDÁRIO ✕
CONTROLES DEL FRENO SECUNDARIO ✕

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
2	620235	1	Fitting	ajustage	Verbindung	ajuste	accesorio
3	623869	1	Clevis	étrier	Schkel	garfo	horquilla
4	675227	1	Needle bearing	palier à aiguilles	Nadellager	mancal de agulha	cojinete de agujas
5	692722	1	Bolt	boulon	Bolzen	parafuso	bulón
6	773808	1	Spring	ressort	Feder	mola	resorte
7	1513106	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1522535	2	Wiper ring	anneau de came	Wischerring	anello limpador	anillo restregador
9	1913666	2	Washer	rondelle	Scheibe	arruela	arandela
10	1920101	1	Master cylinder	mate cylindre	Hauptzylinder	cilindro mestre	cilindro maestro
11	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
12	1920497	1	Plate	plaque	Platte	placa	placa
13	1921912	1	Mounting plate	plaque de fixation	Befestigungsplatte	placa de fixação	placa de montage
14	1921914	1	Disc	disque	Scheibe	disco	disco
15	1922134	1	Lever	levier	Hebel	alavanca	palanca
16	1923978	1	Rod	tige	Stange	varão	varilla
17	1927821	1	Brake head	étrier frein	Bremskopf	cabeça freio	cabeza freno
18	1924464	1	Tube	tube	Rohr	tubo	tubo
19	1924619	1	Tube	tube	Rohr	tubo	tubo
20	1924620	1	Tube	tube	Rohr	tubo	tubo
21	1F000412	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
22	4F008127	1	Clevis pin	goupille chape	Schkelstift	pino garfo	pasador horquilla
23	8D000007	1	Nut	écrou	Mutter	porca	tuerca
24	17C000514	1	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000548	1	Bolt	boulon	Bolzen	parafuso	bulón
26	18C000724	6	Bolt	boulon	Bolzen	parafuso	bulón
27	18C000852	1	Bolt	boulon	Bolzen	parafuso	bulón
28	18C010128	2	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000010	2	Washer	rondelle	Scheibe	arruela	arandela
30	30H000016	3	Clip	attache	Schelle	braçadeira	abrazadera
31	33C001236	4	Bolt	boulon	Bolzen	parafuso	bulón
32	59D000005	1	Nut	écrou	Mutter	porca	tuerca
33	60D000007	6	Nut	écrou	Mutter	porca	tuerca
34	60D000008	1	Nut	écrou	Mutter	porca	tuerca
35	60D000010	2	Nut	écrou	Mutter	porca	tuerca
36	17K000003	2	Fitting	ajustage	Verbindung	ajuste	accesorio
37	1928318	1	Bracket	support	Winkel	grampo	grampa
38	17C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
39	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
40	59D000008	2	Nut	écrou	Mutter	porca	tuerca
41	1992209	1	Repair kit	trousse de reparation	Reparatursatz	conjunto de reparo	juego de reparación



SERVICE BRAKE CONTROLS
COMMANDES DE FREIN STANDARD
STANDARD BREMSENBEDIENUNGEN
COMMANDO DE FREIO DE ESTRADA
CONTROL DE FRENO DE CARRETERA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	613750	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
47	620235	1	Block	bloc	Block	bloco	bloque
48	620238	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
49	1992308	1	Push rod	tige de pousee	Stosser	tirante de empuxe	barra de empuje
50	30H000047	1	Clip	attache	Schelle	braçadeira	abrazadera
51	238535	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
52	19F000006	1	Bushing	chemise	Buchse	bucha	buje
53	59D000004	1	Nut	écrou	Mutter	porca	tuerca
54	25E000014	1	Washer	rondelle	Scheibe	arruela	arandela
55	17C000412	1	Boit	boulon	Boizen	parafuso	bulón
56	1934921	1	Reservoir	réservoir	Behälter	reservatório	depósito
57	14D000010	1	Nut	écrou	Mutter	porca	tuerca
58	86G001012	1	Screw	vis	Schraube	parafuso	tornillo
59	1930699	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
60	89F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
61	1620535	1	Plug Filler	bouchon	Füllverschluss	tampão enchimento	tapón de llenado
62	857933	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura

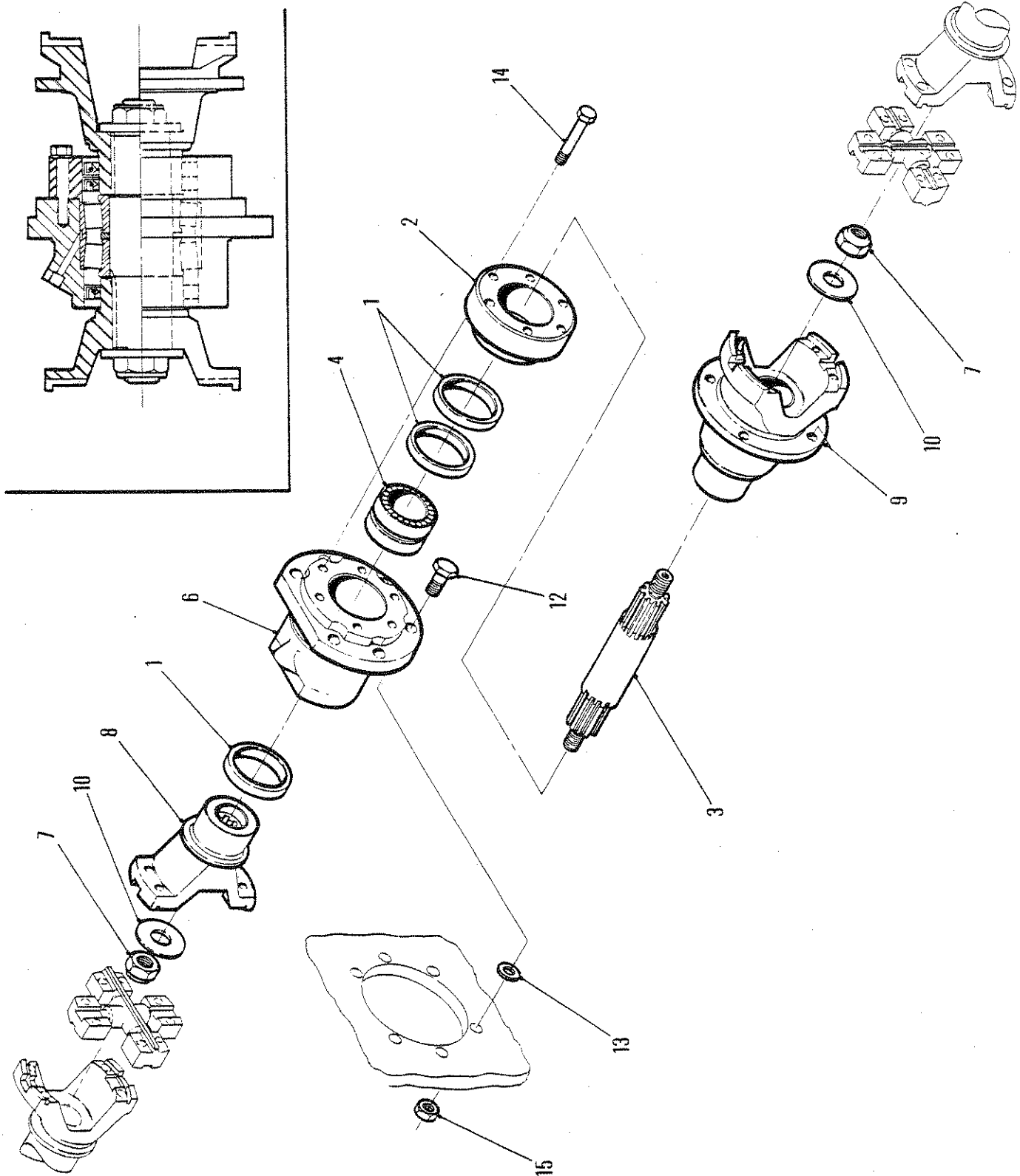


SECONDARY BRAKE ASSEMBLY ☒
ENSEMBLE FREIN SECONDAIRE ☒
SEKUNDÄRBREMSEINHEIT ☒
FREIO CONJUNTO SECUNDÁRIO ☒
FRENO CONJUNTO SECUNDARIO ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927821	2	Brake assy	frein ens	Bremse vollst	freio conj	freno conj
1	1992014	2	Cap	chapeau	Kappe	tampa	tapa
2	§-----	2	Housing	botier	Gehuse	carcaça	carcasa
3	1992007	2	Piston	piston	Kolben	pistão	pistón
4	1992008	2	Seal	joint étanchéité	Dichtung	vedador	sello
5	1991211	2	Lining	garniture	Belag	lona	cinta
6	1991323	4	Screw	vis	Schraube	parafuso	tornillo
7	1992009	2	Pin	goupille	Stift	pino	pasador
8	1991325	4	Spring	ressort	Feder	mola	resorte
9	954597	2	Lockring	anneau blocage	Klemmring	anel trava	anillo seguridad
10	25K020012	2	O-ring	joint torique	O Ring	anel-O	anillo-O
11	1992011	2	Grip	poignée	Griff	punho	mango
12	1992012	2	Plate	plaque	Platte	placa	placa
13	42G001004	3	Screw	vis	Schraube	parafuso	tornillo
14	1992013	2	Bleeder	robinet de purge	Ablasshahn	torneira de purga	robinete de purga

1 Emergency brake
 1 frein à main
 1 notbremse
 1 freio de emergência
 1 freno de emergencia

2 See 1
 2 Voir 1
 2 Siehe 1
 2 Veja 1
 2 Véase 1



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1901398	3	Seal	joint étanchéité	Dichtung	vedador	sello
2	1916992	1	Cap	chapeau	Kappe	tampa	tapa
3	1916993	1	Shaft	arbre	Welle	ávore	árbol
4	1916994	1	Bearing	palier	Lager	mancal	cojinete
5	1917296	1	Mid-mount assy	ens montage central	Mittelstütze vollst	cj montante do meio	cj montaje intermedio
6	1917298	1	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
7	1917299	2	Nut	écrou	Mutter	porca	tuerca
8	1919402	1	Flange	bride	Flansch	flange	brida
9	1919403	1	Flange	bride	Flansch	flange	brida
10	1920302	2	Washer	rondelle	Scheibe	arruela	arandela
11	1925425	1	Flange	bride	Flansch	flange	brida
12	17C000632	6	Bolt	boulon	Bolzen	parafuso	bulón
13	27E000006	6	Washer	rondelle	Scheibe	arruela	arandela
14	33C000632	6	Bolt	boulon	Boizen	parafuso	bulón
15	59D000006	6	Nut	écrou	Mutter	porca	tuerca

¹ Inc 1 → 4, 6 → 10 & 14

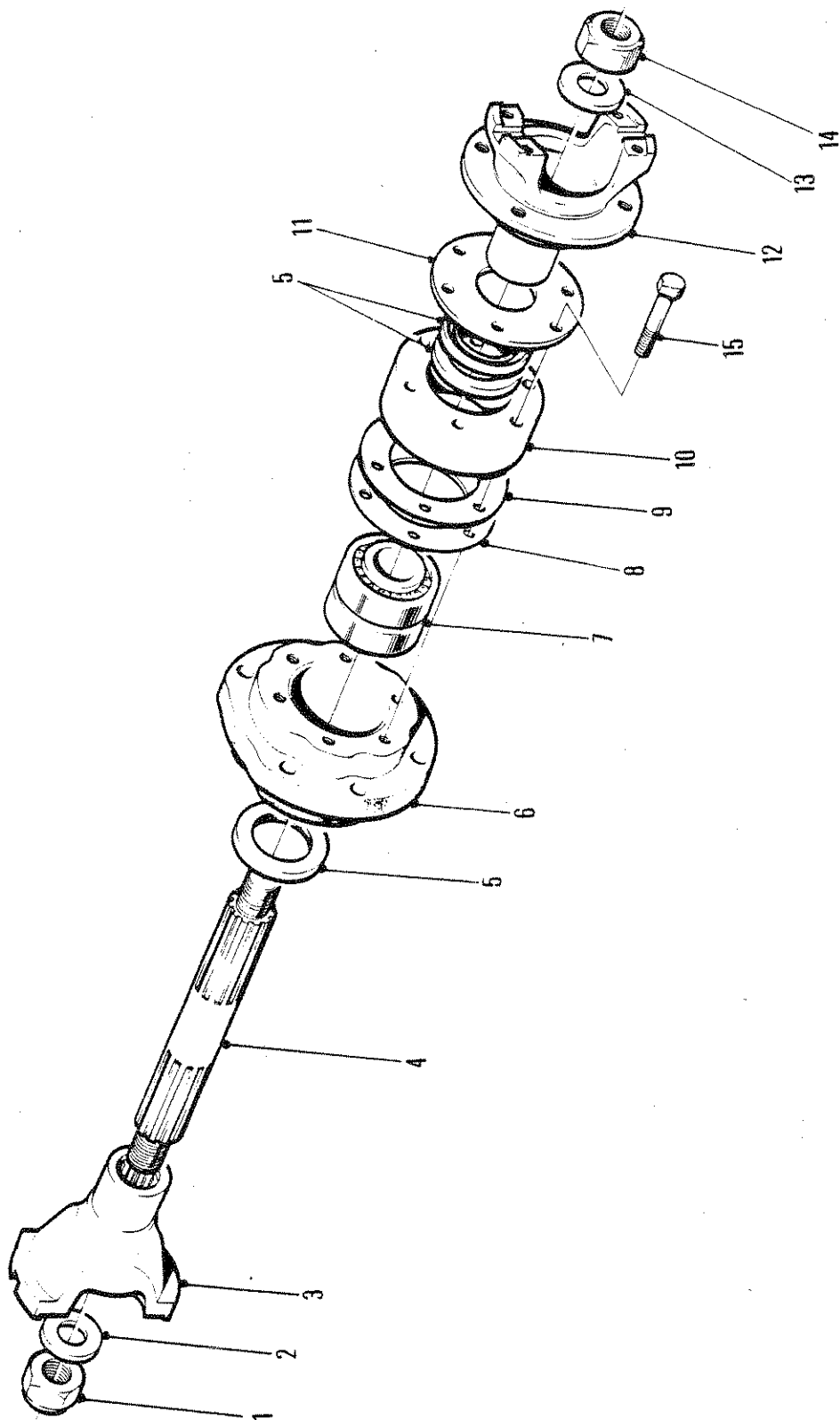
² 1919402 flange is replaced by 1925425 with the 1925428 propshaft on 664, 666, and 1925429 propshaft on 667 machines

² La bride 1919402 est remplacée par 1925425 avec l'arbre d'hélice 1925428 sur les engines 664, 666 et l'arbre d'hélice 1925429 sur l'engine 667.

² Der Flansch 1919402 wird ersetzt durch 1925425 mit Propellerwelle 1925428 für die Modelle 664, 666 und mit Propellerwelle 1925429 für das Modell 667.

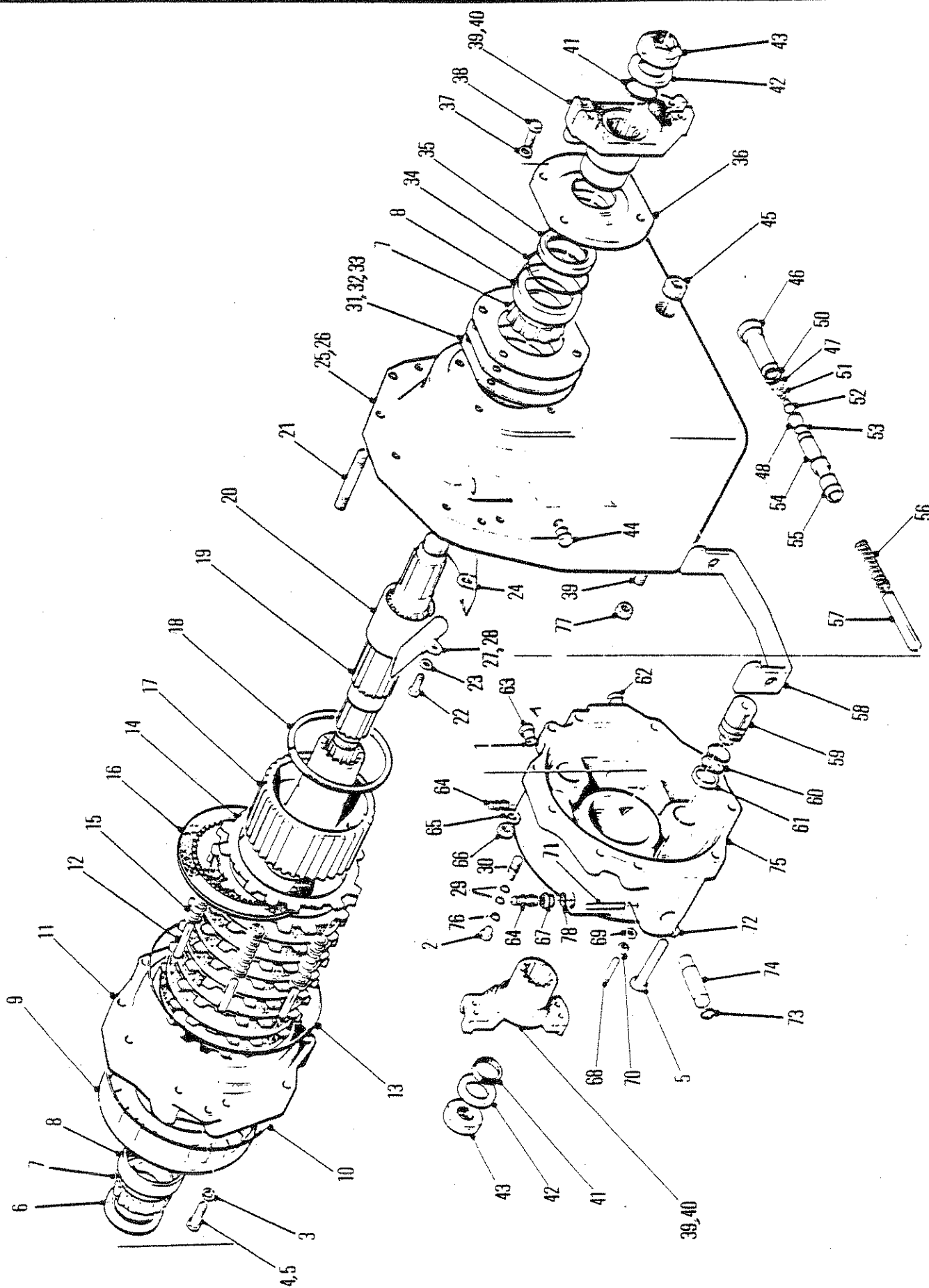
² A flange 1919402 é substituída pela 1925425 com o eixo de propulsão 1925428 no 664, 666, e o eixo de propulsão no 667 do motor.

² La brida 1919402 ha sido reemplazada por 1925425 con el eje propulsor 1925428 en la 664, 666 y el eje propulsor 1925429 en las máquinas 667.



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927572	1	Mid-mount	montage central	Mittelstütze	montante do meio	montaje intermedio
1	1917299	2	Nut	écrou	Mutter	porca	tuerca
2	1920302	2	Washer	rondelle	Scheibe	arruela	arandela
3	1925425	1	Flange	bride	Flansch	flange	brida
4	1916993	1	Shaft	arbre	Welle	ávore	árbol
5	1901398	3	Seal	joint étanchéité	Dichtung	vedador	sello
6	1927570	1	Pillow block	bloc coussin	Lagerbock	bloco de apoio	caja de chumacera
7	1916994	1	Bearing	palier	Lager	mancal	cojinete
8	1927529	-	Shim	cale	Beilage	calço	planchita
9	1927530	-	Shim	cale	Beilage	calço	planchita
10	1916992	1	Cap	chapeau	Kappe	tampa	tapa
11	1927528	1	Shield	protecteur	Schutzschild	protetor	protector
12	1919403	1	Flange	bride	Flansch	flange	brida
13	1920302	2	Washer	rondelle	Scheibe	arruela	arandela
14	1917299	2	Nut	écrou	Mutter	porca	tuerca
15	33C000632	6	Bolt	boulon	Boizen	parafuso	bulón



MID-MOUNT BRAKE ASSEMBLY
ENSEMBLE FREIN, MONTAGE-CENTRAL
BREMSE VOLLSTÄNDIG, MITTELBAU
MONTANTE DO MEIO DO CONJUNTO DE FREIO
CONJUNTO FRENO DE MONTAJE INTERMEDIO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	238032	1	Mid-mount assy	ens montage central	Mittelstütze vollst	cj montante do meio	cj montaje intermedio
B	802049	1	Kit	jeu	Satz	jogo	juego
C	238161	1	Cover&viv assy	ens cvercle&soupape	Deckel&Ventileinheit	cj tampa&válvula	cj tapa&válvula
1	91F000004	1	O-ring	joint torique	O Ring	anel-O	anillo-O
2	24K000004	1	Plug	bouchon	Stopfen	bujão	tapón
3	4E000007	8	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1C000756	8	Screw	vis	Schraube	parafuso	tornillo
5	1C000724	2	Screw	vis	Schraube	parafuso	tornillo
6	225823	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	654141	2	Cone	cône	Kegei	cone	cono
8	856250	2	Cup	cuvette	Schale	capa	cubeta
9	231699	1	Plate	plaque	Platte	placa	placa
10	60K040916	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	231693	1	Housing	botier	Gehuse	carcaça	carcasa
12	231055	6	Pin	goupille	Stift	pino	pasador
13	60K040916	1	O-ring	joint torique	O Ring	anel-O	anillo-O
14	232394	8	Disc	disque	Scheibe	disco	disco
15	234834	6	Spring	ressort	Feder	mola	resorte
16	227495	8	Disc	disque	Scheibe	disco	disco
17	238341	1	Hub	moyeu	Nabe	cubo	cubo
18	217509	1	Ring	anneau	Ring	anel	anillo
19	218504	1	Shaft	arbre	Welle	ávore	árbol
20	237848	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
21	238071	2	Stud	goujon	Stift	prisioneiro	espárrago
22	1C000508	2	Screw	vis	Schraube	parafuso	tornillo
23	4E000005	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
24	238007	1	Baffle plate	plaque en chicane	Prailblech	chicana	chicana
25	238186	1	Case assy	botier ens	Gehuse vollst	carcaça conj	carcasa conj
26	237843	1	Case	boîtier	Gehäuse	carcaça	carcasa
27	238164	1	Tube assy LH	assemblage tube G	Rohreinheit L	conjunto de tubos LE	conjunto del tubo LI
28	238165	1	Tube assy RH	assemblage tube D	Rohreinheit R	conjunto de tubos	conjunto del tubo
29	25K020008	2	O-ring	joint torique	O Ring	anel-O	anillo-O
30	1930688	1	Spool	tiroir	Spule	carretel	carrete
31	217566	-	Shim	cale	Beilage	calço	planchita
32	217567	-	Shim	cale	Beilage	calço	planchita
33	217568	-	Shim	cale	Beilage	calço	planchita
34	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
35	225823	1	Seal	joint étanchéité	Dichtung	vedador	sello
36	230690	1	Cap	chapeau	Kappe	tampa	tapa
37	4E000007	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
38	1C000720	4	Screw	vis	Schraube	parafuso	tornillo
39	110036	4	Stud	goujon	Stift	prisioneiro	espárrago
40	231136	2	Flange	bride	Flansch	flange	brida
41	25K060116	2	O-ring	joint torique	O Ring	anel-O	anillo-O
42	222179	2	Washer	rondelle	Scheibe	arruela	arandela
43	216053	2	Nut	écrou	Mutter	porca	tuerca
44	40K000004	1	Plug	bouchon	Stopfen	bujão	tapón
45	16F000016	1	Plug	bouchon	Stopfen	bujão	tapón

¹ Inc 22→24 & 26→28

² Inc 46→64 & 67→75

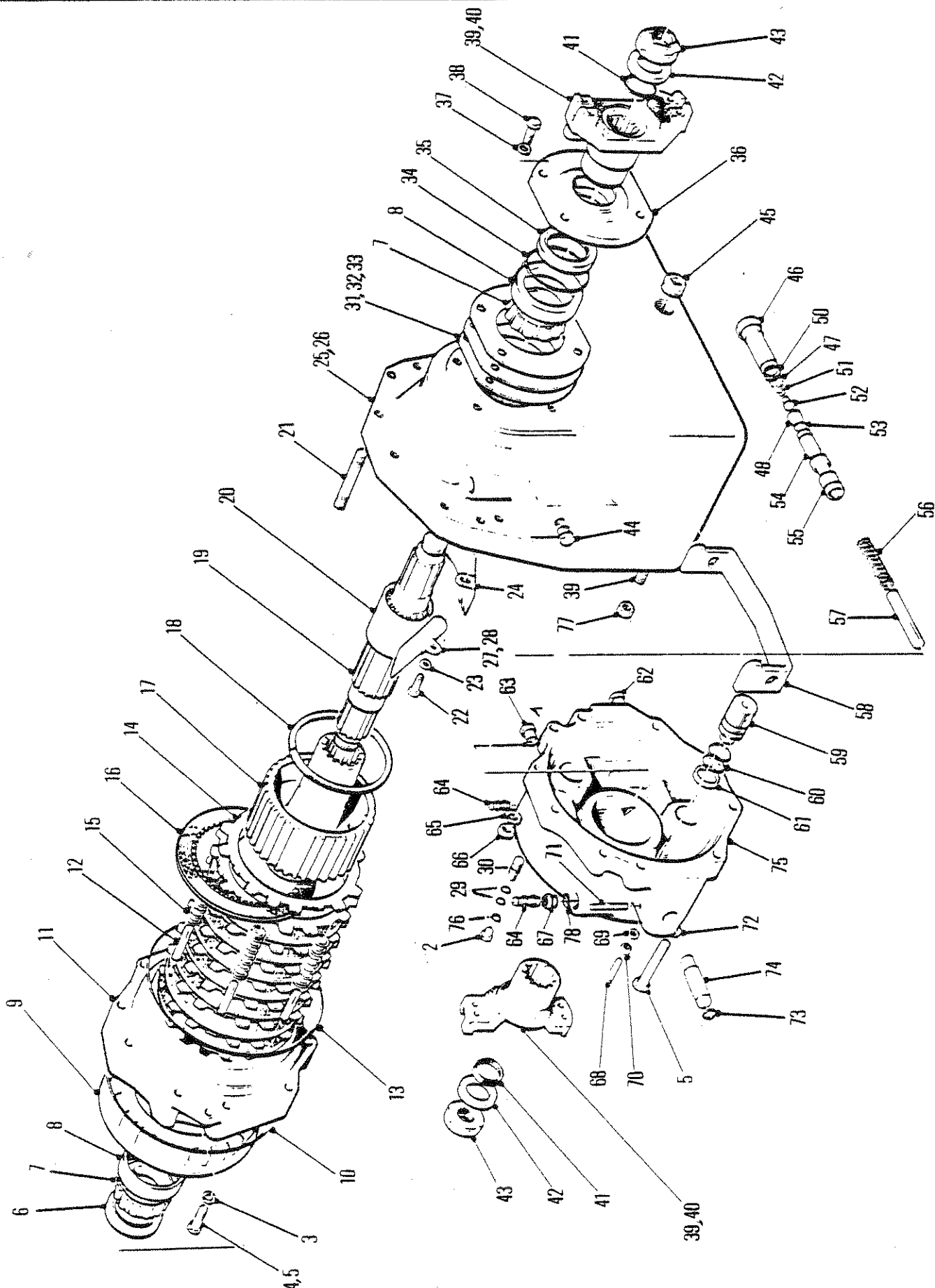
³ Ref S.B. Group 521, No. 03, 9/86.

⁴ Inc 51 & 52

666CUM
666GM
666GMGR

500H-746-CAC→500H-9999-CAC
513H-1676-CAC→513H-9999-CAC
515H-1121-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC



MID-MOUNT BRAKE ASSEMBLY
ENSEMBLE FREIN, MONTAGE-CENTRAL
BREMSE VOLLSTÄNDIG, MITTELBAU
MONTANTE DO MEIO DO CONJUNTO DE FREIO
CONJUNTO FRENO DE MONTAJE INTERMEDIO

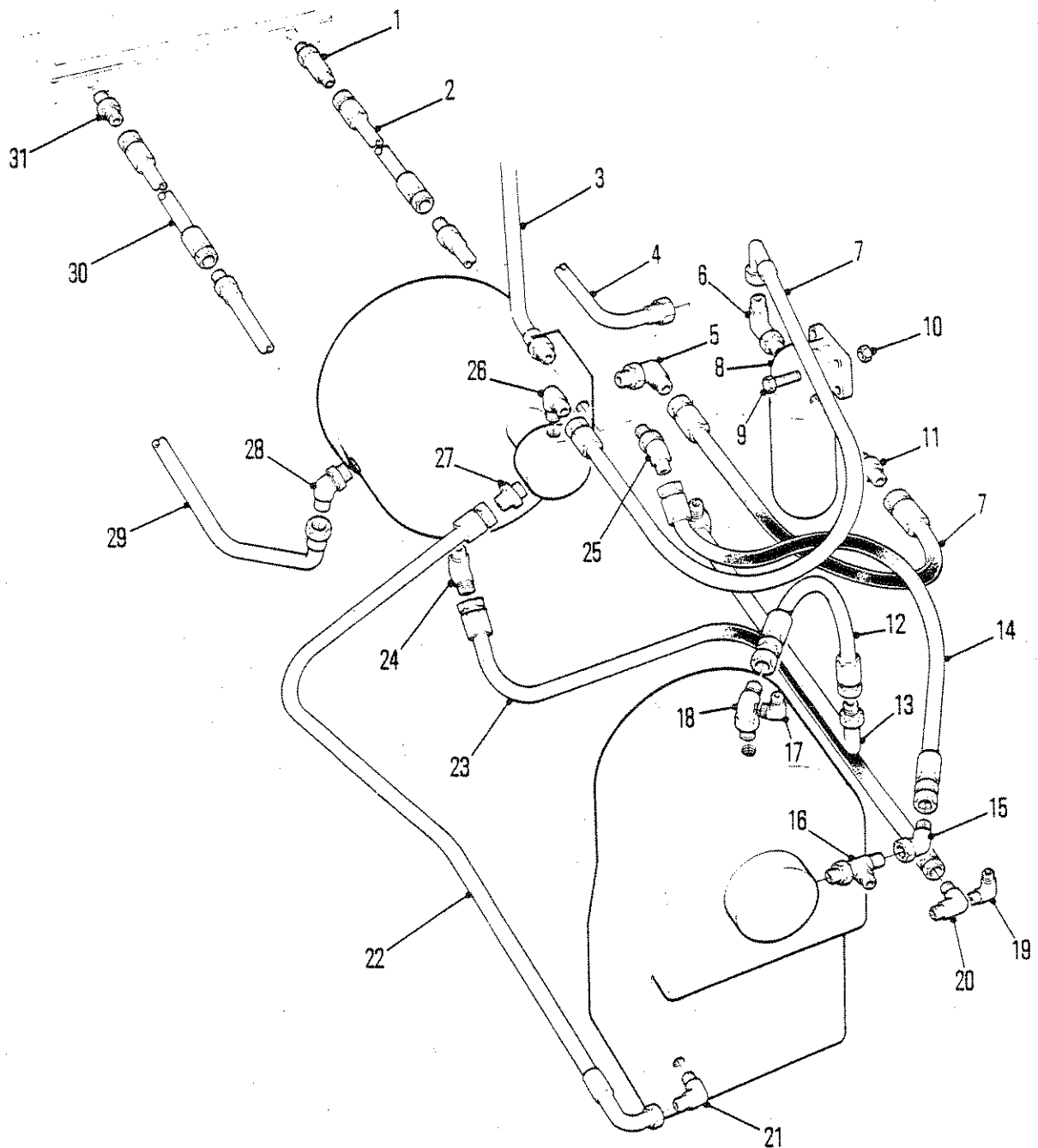
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
46	239493	1	Housing	botier	Gehuse	carcaça	carcasa
47	237331	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
48	227881	1	Cup	cuvette	Schale	capa	cubeta
49	57K000008	1	O-ring	joint torique	O Ring	anel-O	anillo-O
50	76K000017	1	O-ring	joint torique	O Ring	anel-O	anillo-O
51	4200080	1	Spring	ressort	Feder	mola	resorte
52	240979	1	Pin	goupille	Stift	pino	pasador
53	76K000013	1	O-ring	joint torique	O Ring	anel-O	anillo-O
54	236893	1	Piston	piston	Kolben	pistão	pistón
55	240978	1	Spool	tiroir	Spule	carretel	carrete
56	231034	1	Spring	ressort	Feder	mola	resorte
57	238270	1	Stop	butoir	Anschlag	batente	tope
58	238162	1	Yoke	chape	Joch	garfo	horqueta
59	236892	3	Piston	piston	Kolben	pistão	pistón
60	76K000023	6	O-ring	joint torique	O Ring	anel-O	anillo-O
61	231701	3	Ring	anneau	Ring	anel	anillo
62	238426	1	Plug	bouchon	Stopfen	bujão	tapón
63	24K000005	1	Plug	bouchon	Stopfen	bujão	tapón
64	641297	2	Screw	vis	Schraube	parafuso	tornillo
65	4E000007	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
66	64D000007	2	Nut	écrou	Mutter	porca	tuerca
67	238425	1	Plug	bouchon	Stopfen	bujão	tapón
68	231705	1	Screw	vis	Schraube	parafuso	tornillo
69	231709	1	Washer	rondelle	Scheibe	arruela	arandela
70	61D000006	1	Nut	écrou	Mutter	porca	tuerca
71	14J001832	2	Pin	goupille	Stift	pino	pasador
72	4E000007	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
73	25K030018	2	O-ring	joint torique	O Ring	anel-O	anillo-O
74	238163	2	Shaft	arbre	Welle	ávore	árbol
75	238160	1	Cover	couvercle	Deckel	tampa	tapa
76	91F000005	1	O-ring	joint torique	O Ring	anel-O	anillo-O
77	85D000012	4	Nut	écrou	Mutter	porca	tuerca
78	91F000003	1	O-ring	joint torique	O Ring	anel-O	anillo-O

¹ Inc 22→24 & 26→28

² Inc 46→64 & 67→75

³ Ref S.B. Group 521, No. 03, 9/86.

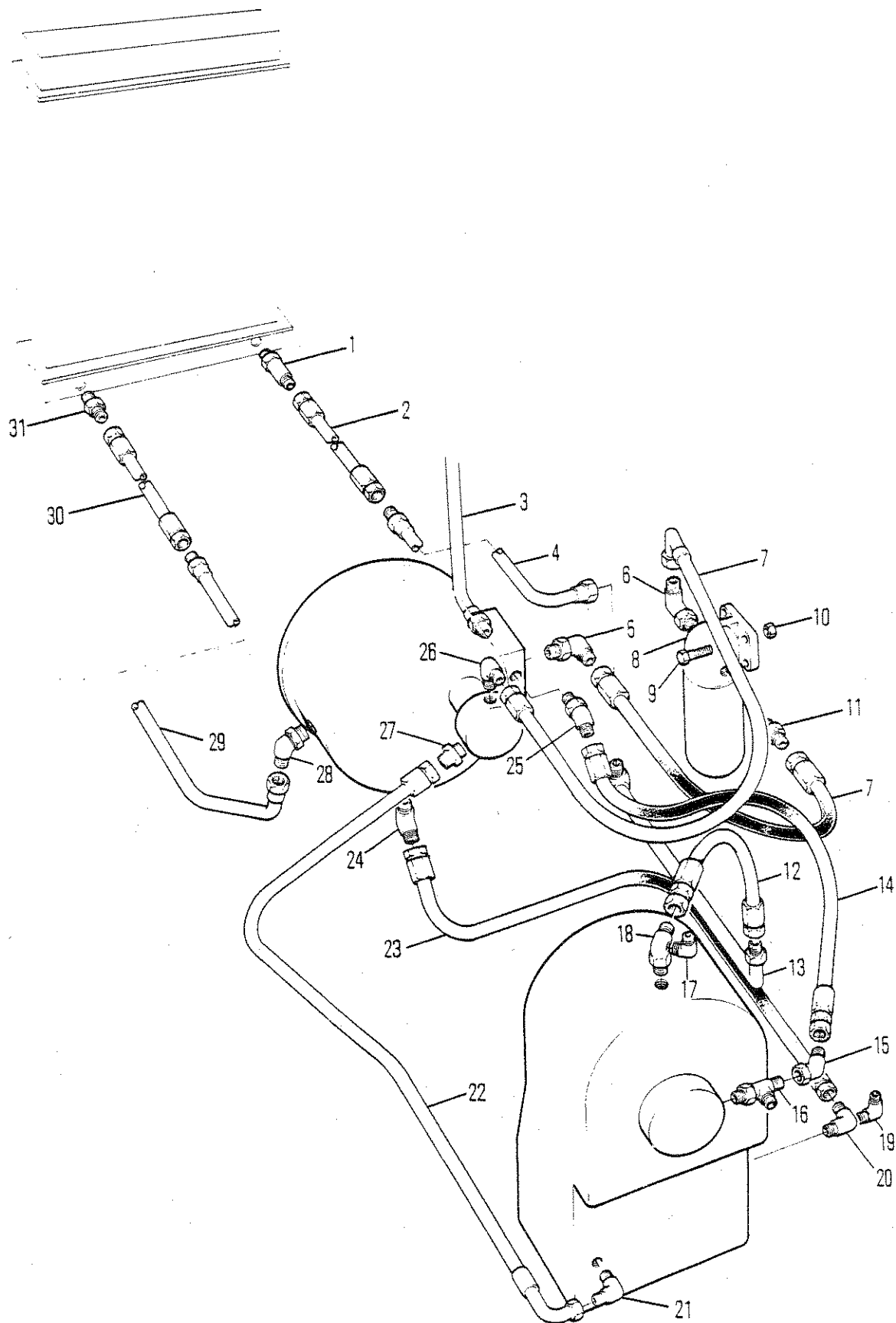
⁴ Inc 51 & 52



6661TP

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

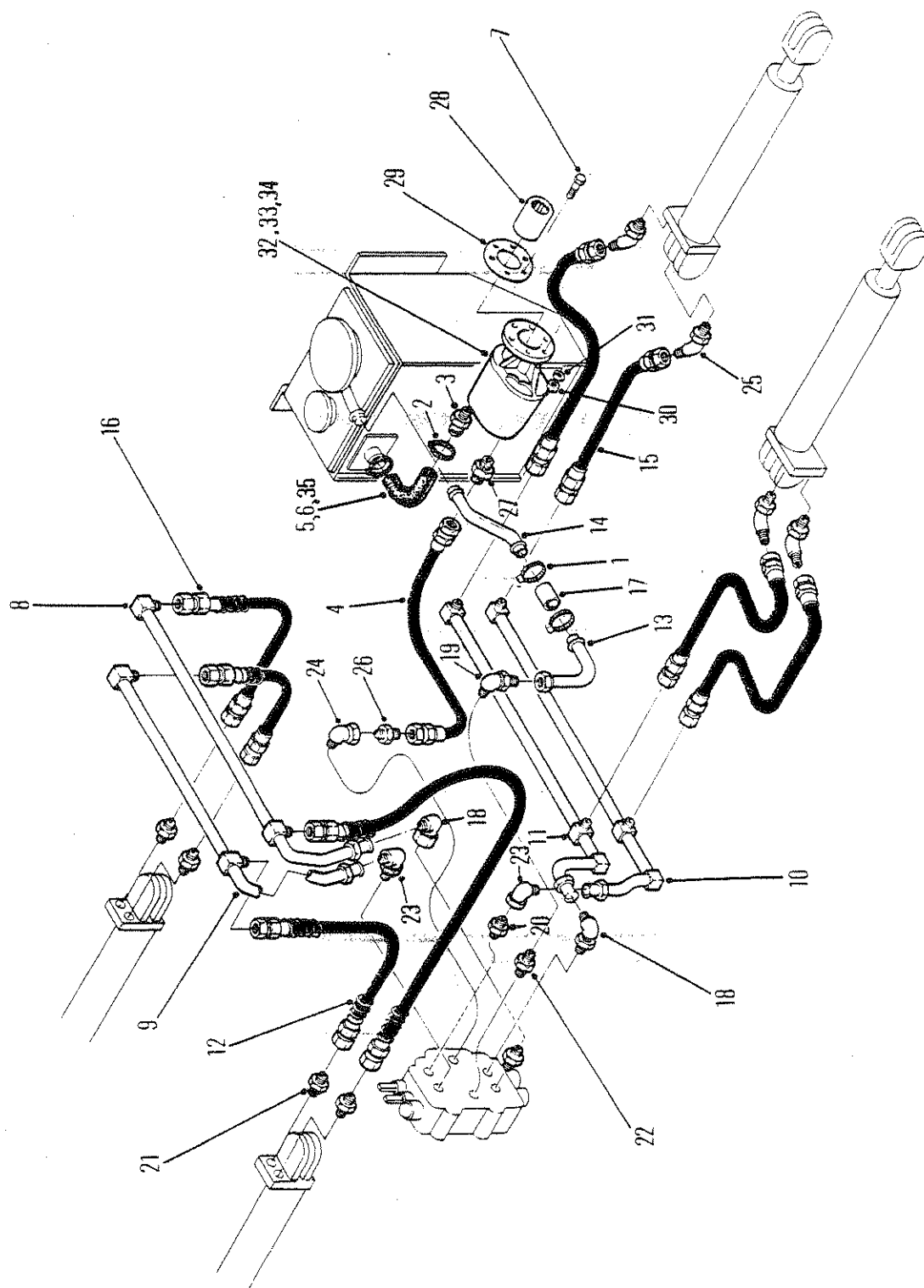
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	15K000008	1	Connector	raccord	Verbindungsstück	ligador	conector
2	1923931	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	544595	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	1923905	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
5	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	17K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
7	1922781	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	85D00006H	4	Nut	écrou	Mutter	porca	tuerca
9	17C00656H	4	Bolt	bouion	Boizen	parafuso	bulón
10	85D000006	4	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
11	18K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
12	1541606	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1922779	1	Tube	tube	Rohr	tubo	tubo
14	1303012	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	12K000006	1	Fitting	ajustage	Verbindung	ajuste	accesorio
16	21K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
17	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
18	1518811	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
19	1925940	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
20	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	83F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	1927096	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
23	1501249	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	84F000010	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
26	89F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
28	18K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
29	1923907	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
30	1923932	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	18K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo



6662TP

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	15K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
2	1923931	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	544595	1	Plug	bouchon	Stopfen	bujão	tapón
4	1923906	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
5	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	17K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
7	1922781	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1533614	1	Filter	filtre	filter	filtro	filtro
9	17C00656H	4	Bolt	boulon	Boizen	parafuso	bulón
10	59D00006H	4	Nut	écrou	Mutter	porca	tuerca
11	15K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
12	1541606	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1922779	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
14	1303012	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	12K000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
16	21K000006	1	Tee	raccord T	T-Verbindungsstück	te	te
17	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
18	1518811	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
19	1925940	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
20	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	83F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
22	1927096	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
23	1501249	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
24	84F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	18K000006	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
26	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	89F000010	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
28	18K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
29	1922161	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
30	1923931	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	15K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador



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	42H000020	2	Clamp	pince	Schelle	braçadeira	abrazadera
2	784663	2	Clamp	pince	Schelle	braçadeira	abrazadera
3	1322622	1	Connector	raccord	Verbindungsstück	ligador	conector
4	1520191	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	1921755	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	1921756	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	203253	6	Stud	goujon	Stift	prisioneiro	espárrago
8	1922911	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
9	1922912	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
10	1922913	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
11	1922914	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
12	1922921	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
13	1922985	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
14	1922986	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
15	1923375	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
16	1923802	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1310810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	11K000007	2	Elbow	coude	Winkelrohr	cotovêlo	codo
19	12K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
20	15K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
21	15K000008	4	Connector	raccord	Verbindungsstück	ligador	conector
22	1927614	1	Elbow	coude	Winkelrohr	cotovêlo	codo
23	17K000007	2	Elbow	coude	Winkelrohr	cotovêlo	codo
24	1316610	1	Elbow	coude	Winkelrohr	cotovêlo	codo
25	18K000008	4	Elbow	coude	Winkelrohr	cotovêlo	codo
26	2527558	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
27	1300309	1	Fitting	ajustage	Verbindung	ajuste	accesorio
28	214962	1	Sleeve	manchon	Muffe	luva	manguito
29	235961	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
30	8D0000006	6	Nut	écrou	Mutter	porca	tuerca
31	4E0000006	6	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
32	1927428	1	Pump assy	ens pompe	Pumpeinheit	cj bomba	cj bomba
33	1992194	1	Repair Kit	trousse de réparation	Reparatursatz	conjunto de reparo	juego de reparación
34	1926814	1	Pump	pompe	Pumpe	bomba	bomba
35	1921757	1	Elbow	coude	Winkelrohr	cotovêlo	codo

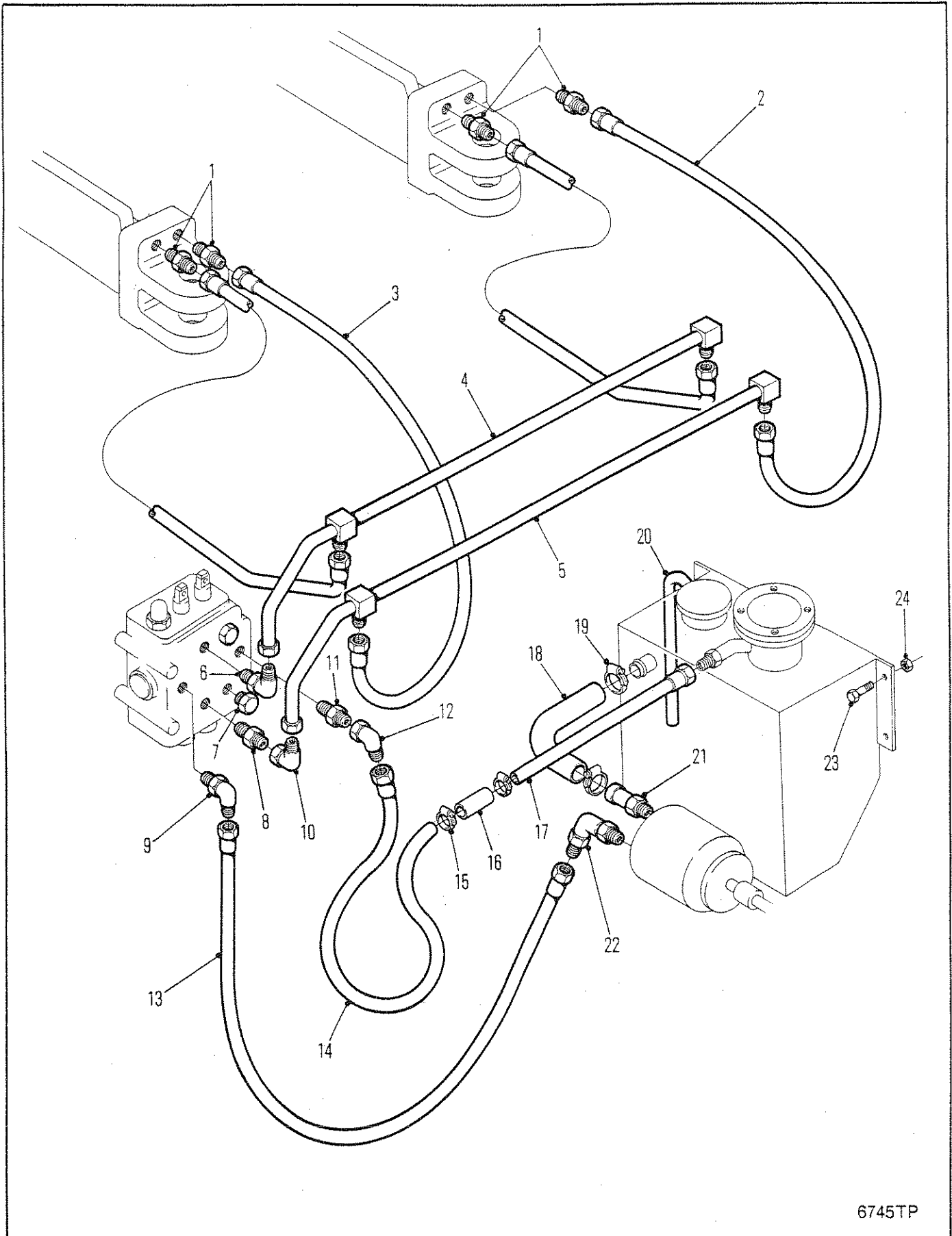
1 □ 500H-101-CAC&→

2 □ 513H-101→975-CAC & 515H-101→820-CAC

3 Ref RSG 251

4 □ 513H-976-CAC&→, 515H-821-CAC&→, 542H-101-CAC&→

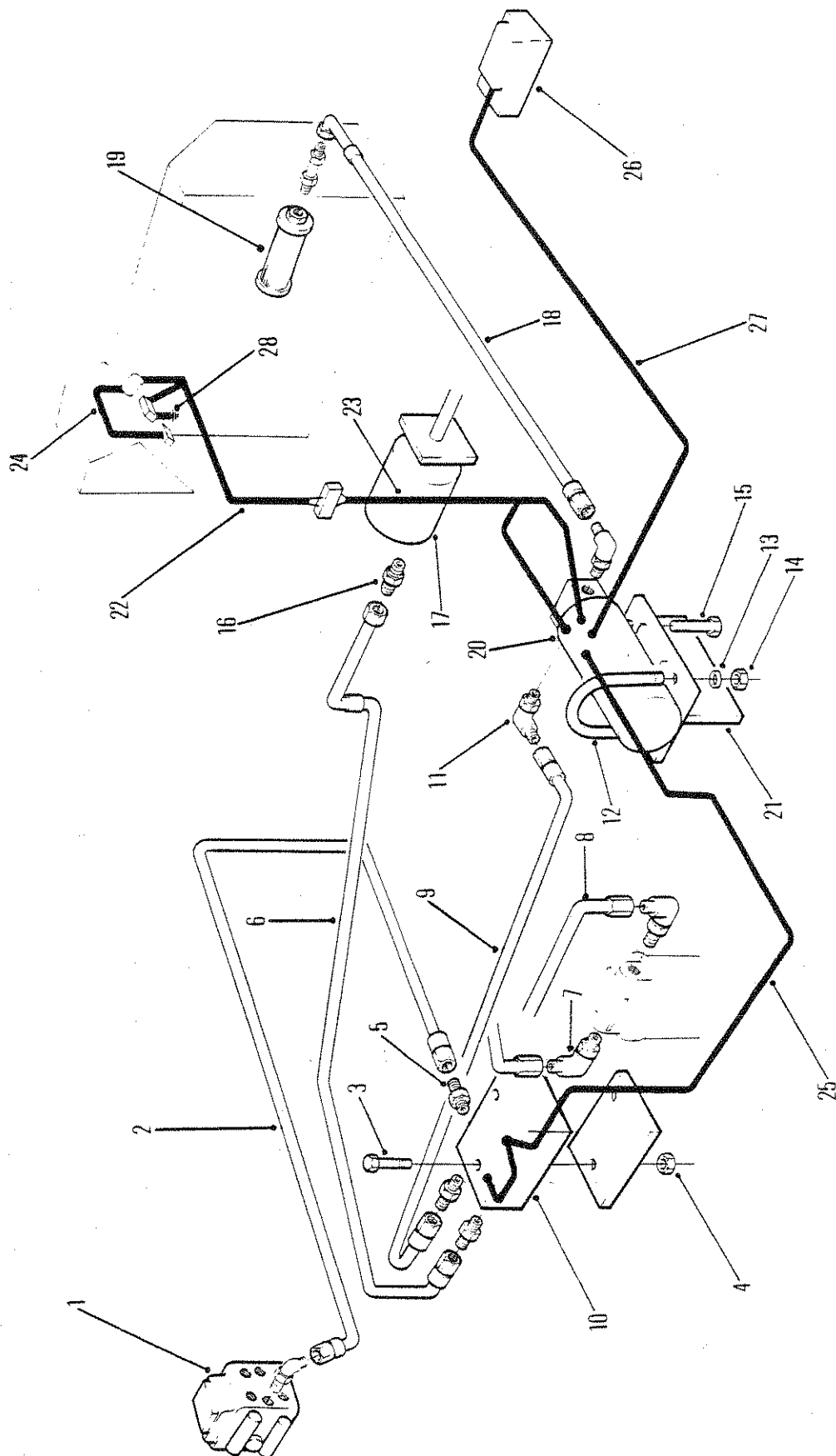
5 □ 515H-1015→9999-CAC, 542H-101-CAC&→, 513H-1556→9999-CAC



6745TP

STEERING HYDRAULICS SYSTEM
SYSTÈME HYDRAULIQUE DE DIRECTION
HYDRAULIKSYSTEM, LENKUNG
SISTEMA HIDRÁULICO DA DIREÇÃO
SISTEMA HIDRÁULICO DE DIRECCIÓN

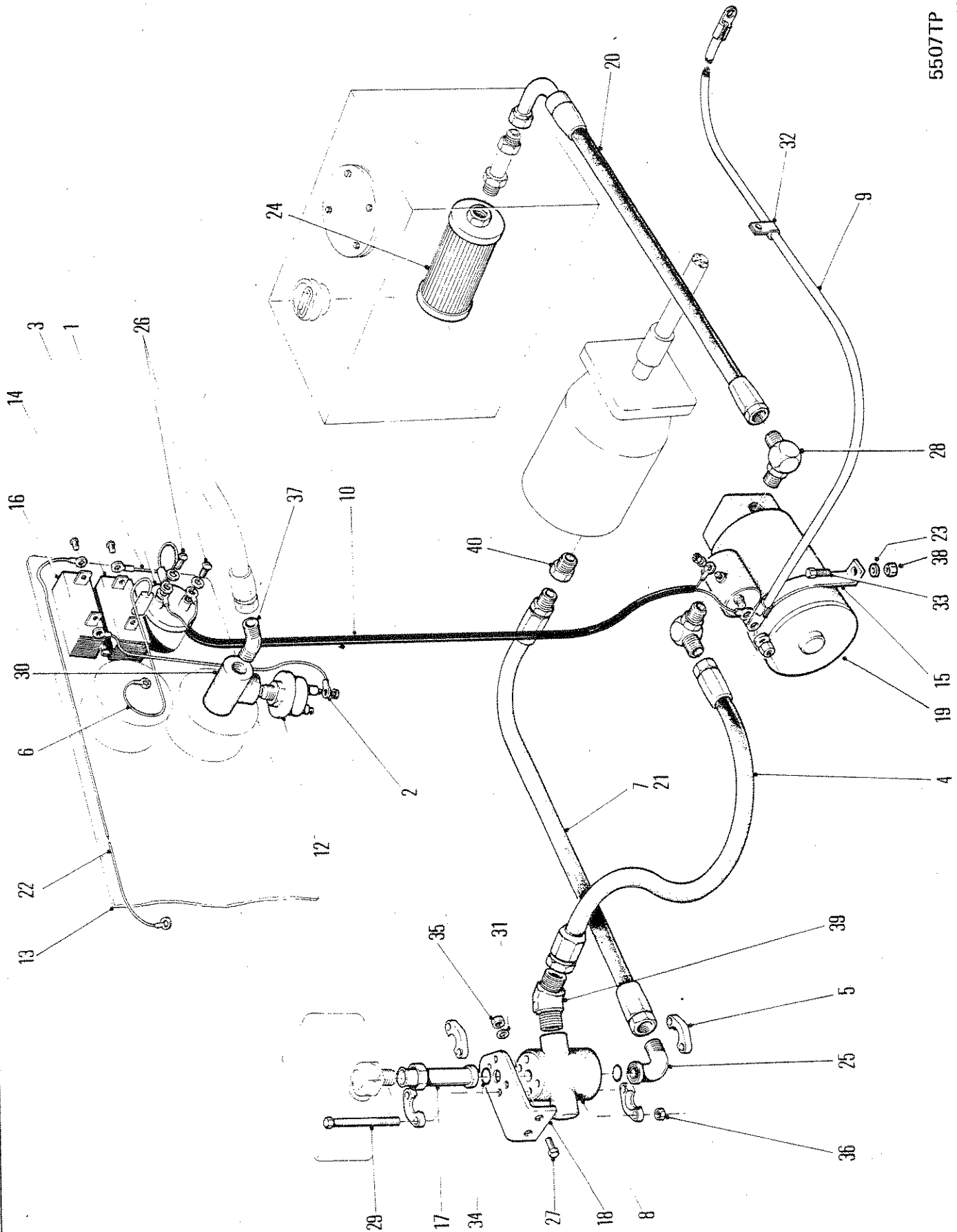
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	15K000008	4	Connector	raccord	Verbindungsstück	ligador	conector
2	1923802	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	1922921	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	1922911	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
5	1922912	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
6	17K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
7	24K000007	2	Plug	bouchon	Stopfen	bujão	tapón
8	15K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
9	1316610	1	Elbow	coude	Winkelrohr	cotovêlo	codo
10	11K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
11	1522575	1	Connector	raccord	Verbindungsstück	ligador	conector
12	12K000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	1520191	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
14	1922985	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
15	42H000020	2	Clamp	pince	Schelle	braçadeira	abrazadera
16	1310810	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1922986	1	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
18	1927614	1	Elbow	coude	Winkelrohr	cotovêlo	codo
19	42H000028	2	Clamp	pince	Schelle	braçadeira	abrazadera
20	1934633	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1322622	1	Connector	raccord	Verbindungsstück	ligador	conector
22	2505196	1	Fitting	ajustage	Verbindung	ajuste	accesorio
23	17C001024	3	Bolt	boulon	Boizen	parafuso	bulón
24	59D000010	3	Nut	écrou	Mutter	porca	tuerca



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	○-----	1	Control Valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
2	1933457	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	17C000648	2	Bolt	boulon	Boizen	parafuso	bulón
4	59D000006	2	Nut	écrou	Mutter	porca	tuerca
5	15K000010	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
6	1933456	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
8	1933455	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1933454	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	12536430	1	Flow switch	interrupteur de débit	Durchfluss-Schalter	interruptor de fluxo	interruptor de flujo
11	17K000007	2	Elbow	coude	Winkelrohr	cotovêlo	codo
12	1926393	1	Clamp	pince	Schelle	braçadeira	abrazadera
13	25E000013	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
14	59D000004	2	Nut	écrou	Mutter	porca	tuerca
15	33C000616	2	Bolt	boulon	Boizen	parafuso	bulón
16	15K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
17	○-----	1	Pump	pompe	Pumpe	bomba	bomba
18	1923116	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
19	5204823	1	Strainer	tamis	Sieb	coador	tamiz
20	1933470	1	Bracket	support	Winkel	grampo	grampa
21	1926395	1	Bracket	support	Winkel	grampo	grampa
22	1933464	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
23	1933465	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
24	1933757	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
25	1933516	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
26	1936635	1	Diode	diode	Diode	diodo	diodo
27	1933514	1	Cable	câble	Kabel	cabo	cable
28	1933515	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj

1 Ref E2 46000

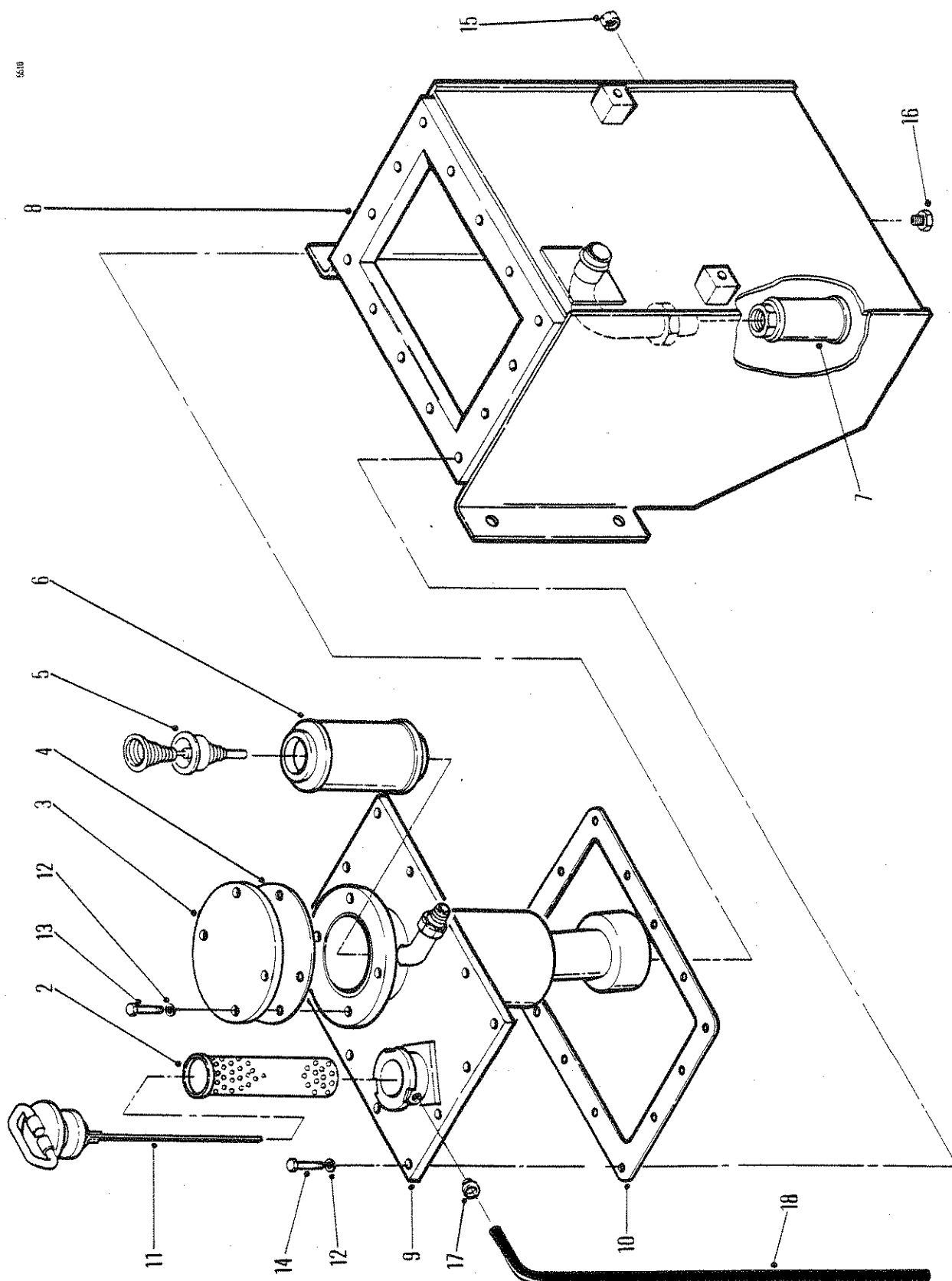


AUXILIARY STEERING ☒
DIRECTION AUXILIAIRE ☒
HILFSLENKUNG ☒
DIREÇÃO AUXILIAR ☒
DIRECCION AUXILIAR ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	331196	1	Switch	interrupteur	Schalter	interruptor	interruptor
2	655376	1	Wire	fil	Draht	fio	cable
3	658487	1	Wire	fil	Draht	fio	cable
4	672493	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
5	19J000020	4	Flange half	demi-flasque	Flanschhlfte	meia flange	media brida
6	635376	1	Wire	fil	Draht	fio	cable
7	1915349	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1915388	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
9	1915391	1	Wire	fil	Draht	fio	cable
10	1915392	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
11	1915658	-	On-off plate	plaque march-arrêt	Ein-Aus Platte	placa liga-desliga	placa encendido-agg
12	1615685	1	Switch	interrupteur	Schalter	interruptor	interruptor
13	1918985	1	Inst panel	tableau de bord	Instrumentenbrett	panel de instrumentos	panel instrumentos
14	1920710	1	Light	lampe	Licht	lâmpada	lámpara
15	1926393	1	Clamp	pince	Schelle	braçadeira	abrazadera
16	1922032	1	Engine light	eclairage moteur	Motorbeleuchtung	lâmpada do motor	luz del motor
17	1923092	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
18	1923093	1	Bracket	support	Winkel	grampo	grampa
19	-----	1	Pump&motor	pompe et moteur	Pumpen&Motoren	bomba e motor	bomba y motor
20	1923116	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1923275	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1923559	1	Wire	fil	Draht	fio	cable
23	25E000013	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
24	5204823	1	Strainer	tamis	Sieb	coador	tamiz
25	6002153	1	Elbow	coude	Winkelrohr	cotovêlo	codo
26	6C0000406	2	Screw	vis	Schraube	parafuso	tornillo
27	17C000624	2	Bolt	boulon	Bolzen	parafuso	bulón
28	17K000007	2	Fitting	ajustage	Verbindung	ajuste	accesorio
29	18C000788	4	Bolt	boulon	Bolzen	parafuso	bulón
30	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
31	27E000006	2	Washer	rondelle	Scheibe	arruela	arandela
32	30H000042	1	Clip	attache	Schelle	braçadeira	abrazadera
33	33C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
34	58K000222	2	O-ring	joint torique	O Ring	anel-O	anillo-O
35	59D000006	2	Nut	écrou	Mutter	porca	tuerca
36	60D000007	4	Nut	écrou	Mutter	porca	tuerca
37	84F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
38	59D000004	2	Nut	écrou	Mutter	porca	tuerca
39	18K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	84F000010	1	Elbow	coude	Winkelrohr	cotovêlo	codo

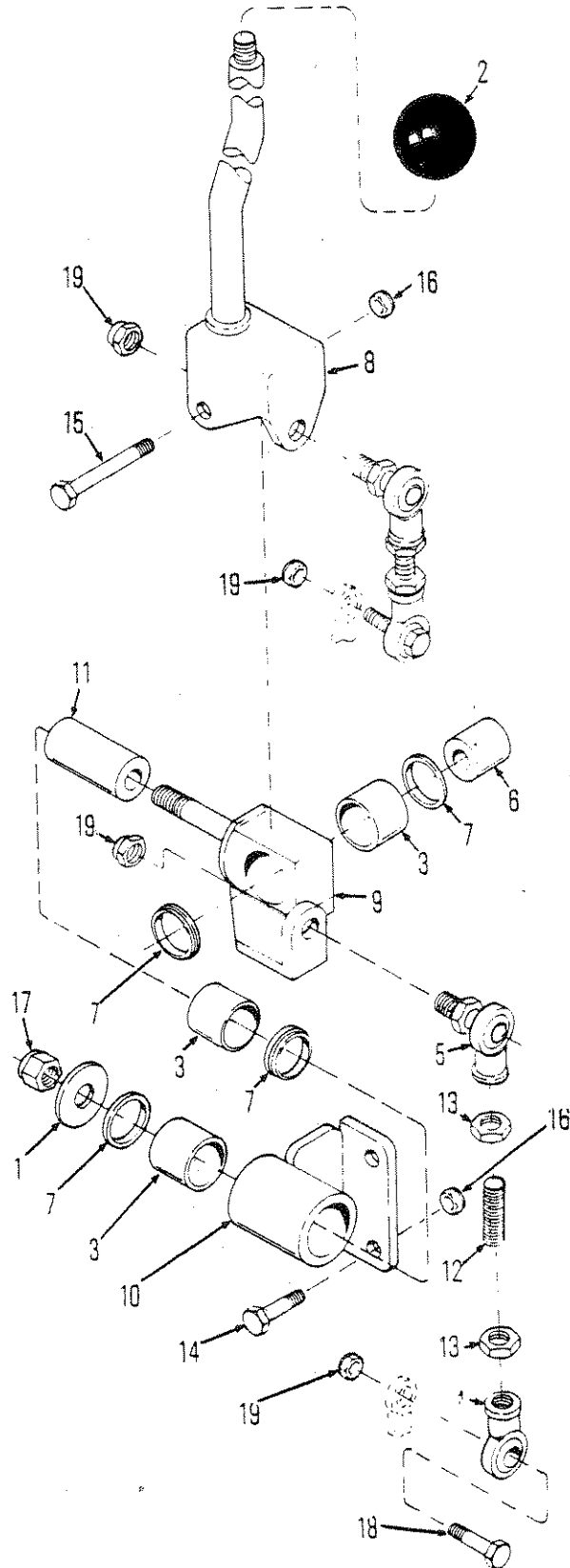
1 664GM,666CUM

2 666GM



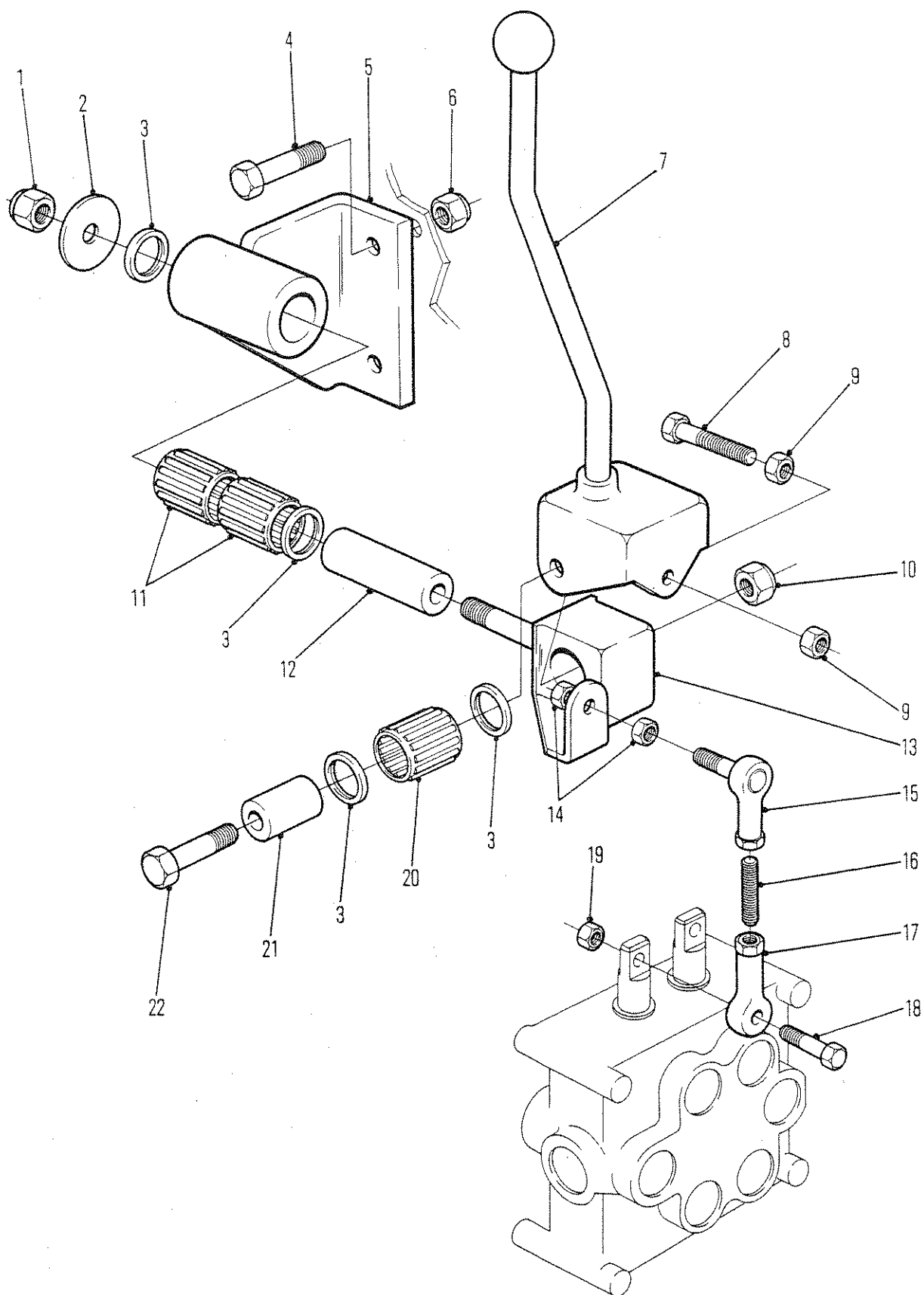
HYDRAULIC TANK ASSEMBLY
ASSEMBLAGE DU RÉSERVOIR HYDRAULIQUE
HYDRAULIKTANKEINHEIT
CONJUNTO DO TANQUE HIDRÁULICO
ESTRUCTURA DEL TANQUE HIDRÁULICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	525293	1	Magnet	aimant	Magnet	imã	imán
2	1901464	1	Strainer	tamis	Sieb	coador	tamiz
3	1909631	1	Cover	couvercle	Deckel	tampa	tapa
4	1909633	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
5	1909660	1	By-pass valve	soup dérivation	Umlaufventil	válv de desvio	válv derivacion
6	1917920	1	Element assy	élément ens	Elementsatz	conj elemento	conj elemento
7	1917922	1	Strainer	tamis	Sieb	coador	tamiz
8	1919777	1	Hyd tank assy	ens réservoir hydr	Hydrauliktank vollst	conj reserv hidr	conj depósito hidr
9	1934653	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
10	1919798	1	Gasket	garniture	Dichtung	gaxeta	empaquetadura
11	1921812	1	Cap&Dipstick	bouch&régl-jauge	Kappe&Tauchstab	tampa e vareta	tapa y var
12	27E000006	18	Washer	rondelle	Scheibe	arruela	arandela
13	33C000616	4	Bolt	boulon	Bolzen	parafuso	bulón
14	34C000616	14	Bolt	boulon	Bolzen	parafuso	bulón
15	36K000007	1	Cap	chapeau	Kappe	tampa	tapa
16	40K000008	1	Plug	bouchon	Stopfen	bujão	tapón
17	1927058	1	Filter	filtre	filter	filtro	filtro
18	1934633	1	Hose	tuyau flexible	Schlauch	mangueira	manguera



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

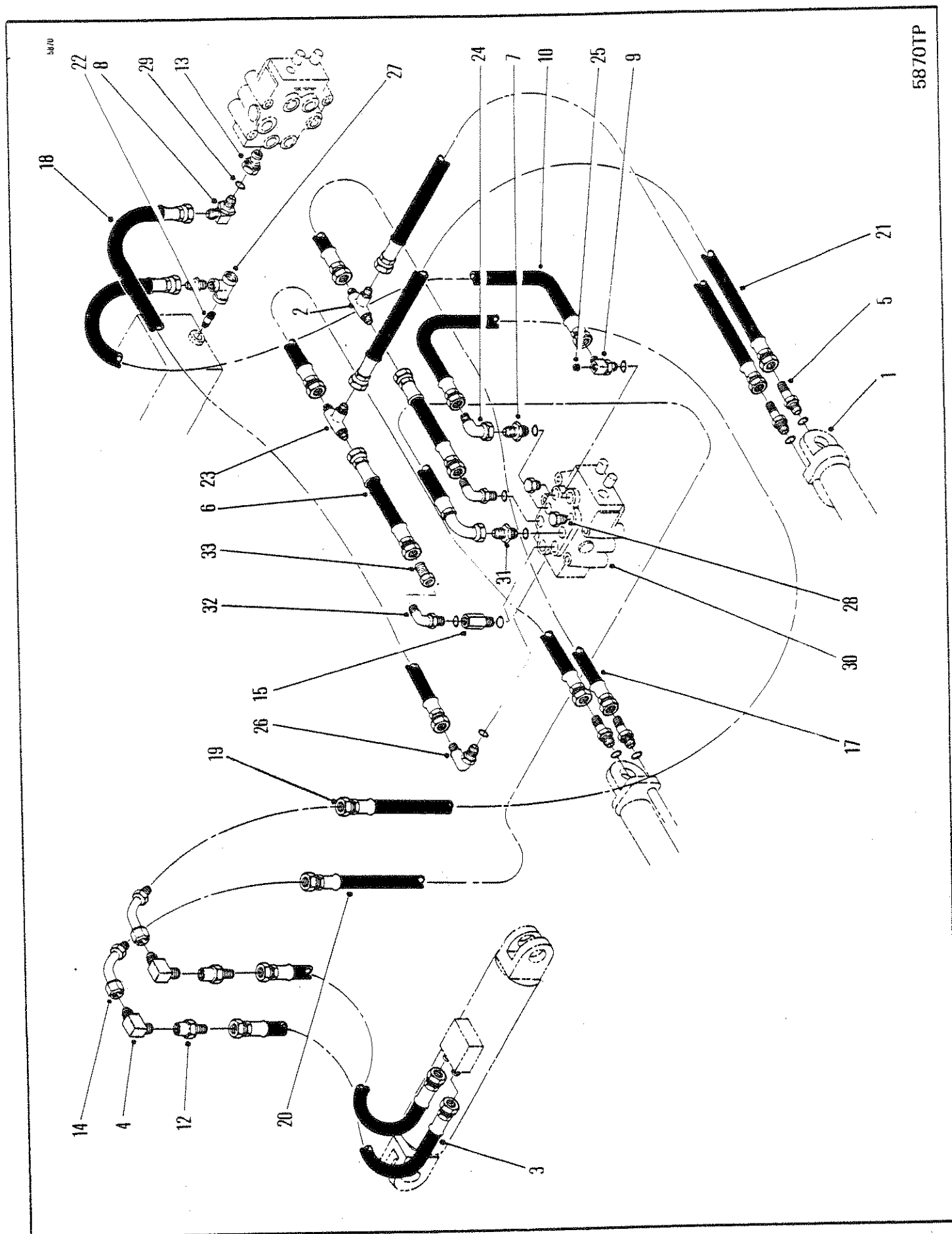
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	201497	1	Washer	rondelle	Scheibe	arruela	arandela
2	509772	1	Knob	bouton	Knopf	manípula	botón
3	675227	3	Bearing	palier	Lager	mancal	cojinete
4	1930079	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
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



6746TP

STEERING CONTROLS
COMMANDES DE DIRECTION
LENKVERRICHTUNG
CONTRÔLES DE DIREÇÃO
CONTROLES DE LA DIRECCIÓN

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	60D000008	1	Nut	écrou	Mutter	porca	tuerca
2	201497	1	Washer	rondelle	Scheibe	arruela	arandela
3	1522535	4	Seal	joint étanchéité	Dichtung	vedador	sello
4	17C000828	2	Bolt	boulon	Bolzen	parafuso	bulón
5	1909947	1	Bracket	support	Winkel	grampo	grampa
6	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
7	1909742	1	Lever	levier	Hebel	alavanca	palanca
8	17C000624	1	Bolt	boulon	Bolzen	parafuso	bulón
9	63D000006	2	Nut	écrou	Mutter	porca	tuerca
10	59D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
11	675227	2	Bearing	palier	Lager	mancal	cojinete
12	1911588	1	Sleeve	manchon	Muffe	luva	manguito
13	1924806	1	Pivot	pivot	Zapfen	perno	muón
14	66D000005	2	Nut	écrou	Mutter	porca	tuerca
15	1317408	1	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
16	1911589	1	Stud	goujon	Stift	prisioneiro	espárrago
17	8D000005	2	Nut	écrou	Mutter	porca	tuerca
18	18C000520	1	Bolt	boulon	Bolzen	parafuso	bulón
19	66D000005	1	Nut	écrou	Mutter	porca	tuerca
20	675227	1	Bearing	palier	Lager	mancal	cojinete
21	1503251	1	Sleeve	manchon	Muffe	luva	manguito
22	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón



5870TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	0-----	-	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
2	656532	1	Fitting	ajustage	Verbindung	ajuste	accesorio
3	672554	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
4	730149	2	Fitting	ajustage	Verbindung	ajuste	accesorio
5	731793	4	Fitting	ajustage	Verbindung	ajuste	accesorio
6	731900	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
7	755055	2	Fitting	ajustage	Verbindung	ajuste	accesorio
8	1300309	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	1302005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
10	1320982	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
11	†1736910	2	Tie	attache	Haft	liame	atadura
12	1905619	2	Swivel joint	joint émerillon	Drehzapfen	junta articulada	unión articulada
13	†1905942	1	Fitting	ajustage	Verbindung	ajuste	accesorio
14	1906408	2	Tube assy	assemblage de tube	Rohreinheit	conjunto de tubos	conjunto del tubo
15	1907267	1	Valve	soupape	Ventil	válvula	válvula
16	†1908558	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
17	1915298	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
18	1915300	1	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
19	1915302	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
20	1915303	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	3225728	2	Hose assy	ens tuyaux souples	Schlauch vollst	conj mangueira	conj manguera
22	5K0000624	1	Nipple	raccord	Nippel	niple	niple
23	10K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
24	11K000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
25	16F000004	1	Fitting	ajustage	Verbindung	ajuste	accesorio
26	17K000008	3	Fitting	ajustage	Verbindung	ajuste	accesorio
27	18F000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
28	24K000008	2	Fitting	ajustage	Verbindung	ajuste	accesorio
29	91F000008	11	O-ring	joint torique	O Ring	anel-O	anillo-O
30	0-----	-	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
31	†755055	4	Fitting	ajustage	Verbindung	ajuste	accesorio
32	13K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
33	15K000008	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador

1 □ 515H-406-CAC&→

2 ■ 515H-406-CAC&→

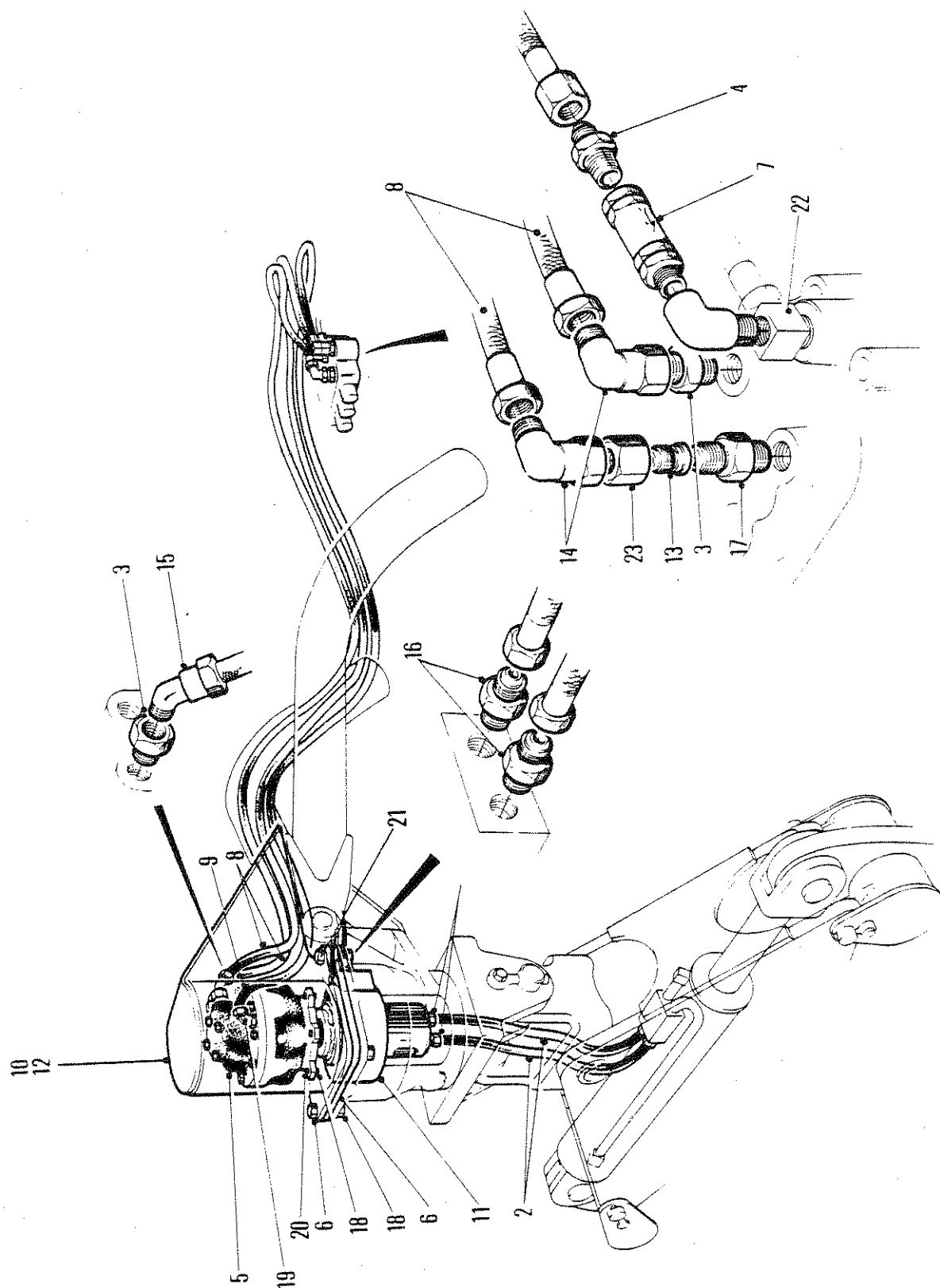
3 Inc 1 - 91F000010 O-Ring & 1 - 58K000119 O-Ring

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

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

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

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



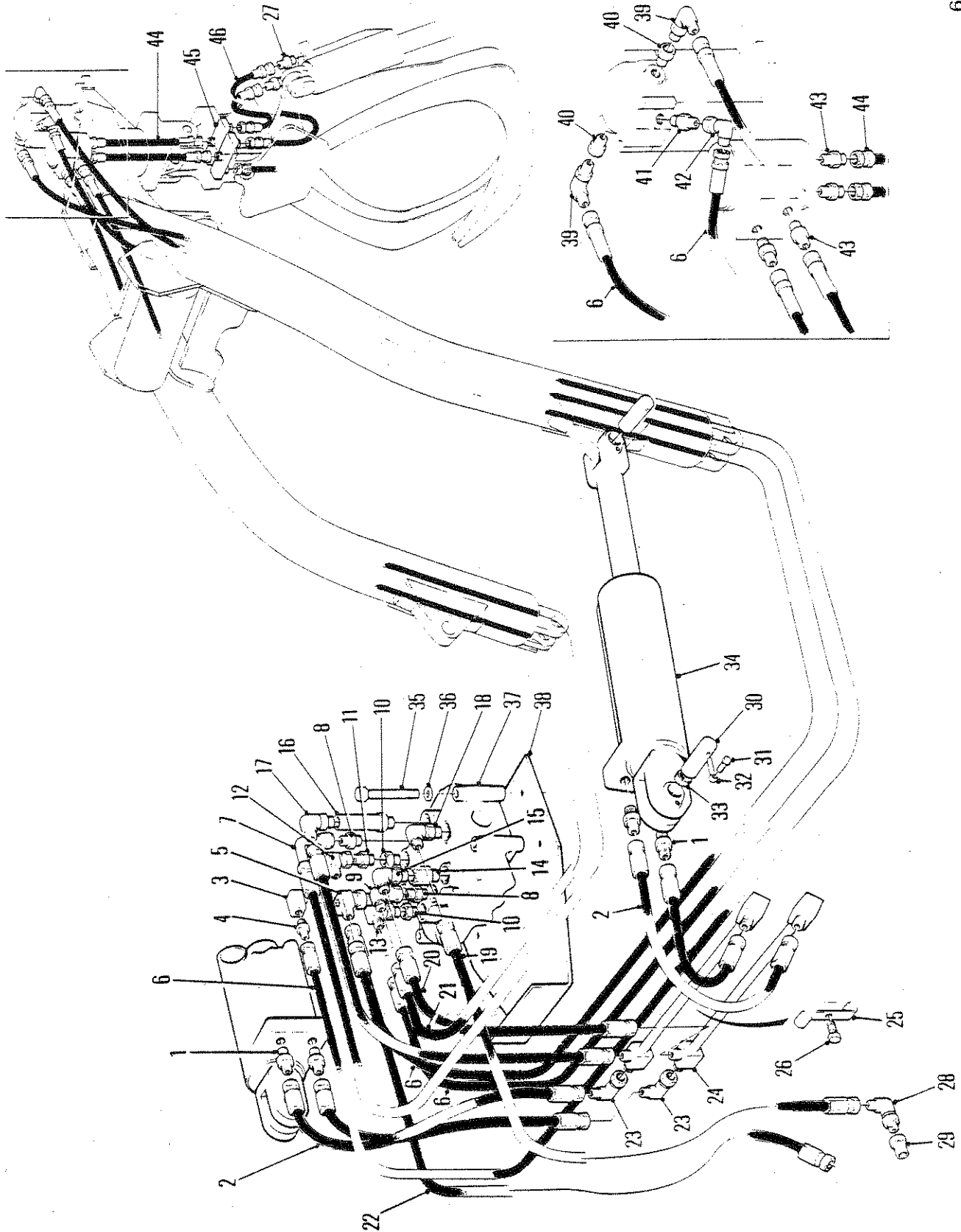
HYDRAULICS-MOTOR HEAD
HYDRAULIQUES-CULLASSE DE MOTEUR
HYDRAULIK-MOTORENKOPF
HIDRAULICA-CABEÇA DO MOTOR
HIDRAULICA-CABEZA DEL MOTOR

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	†1915696	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
11	1916920	1	Housing	botier	Gehuse	carcaça	carcasa
12	†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, substituyase la manguera 1915301 y la manguera 1915299 por el tapón 1-16F000004

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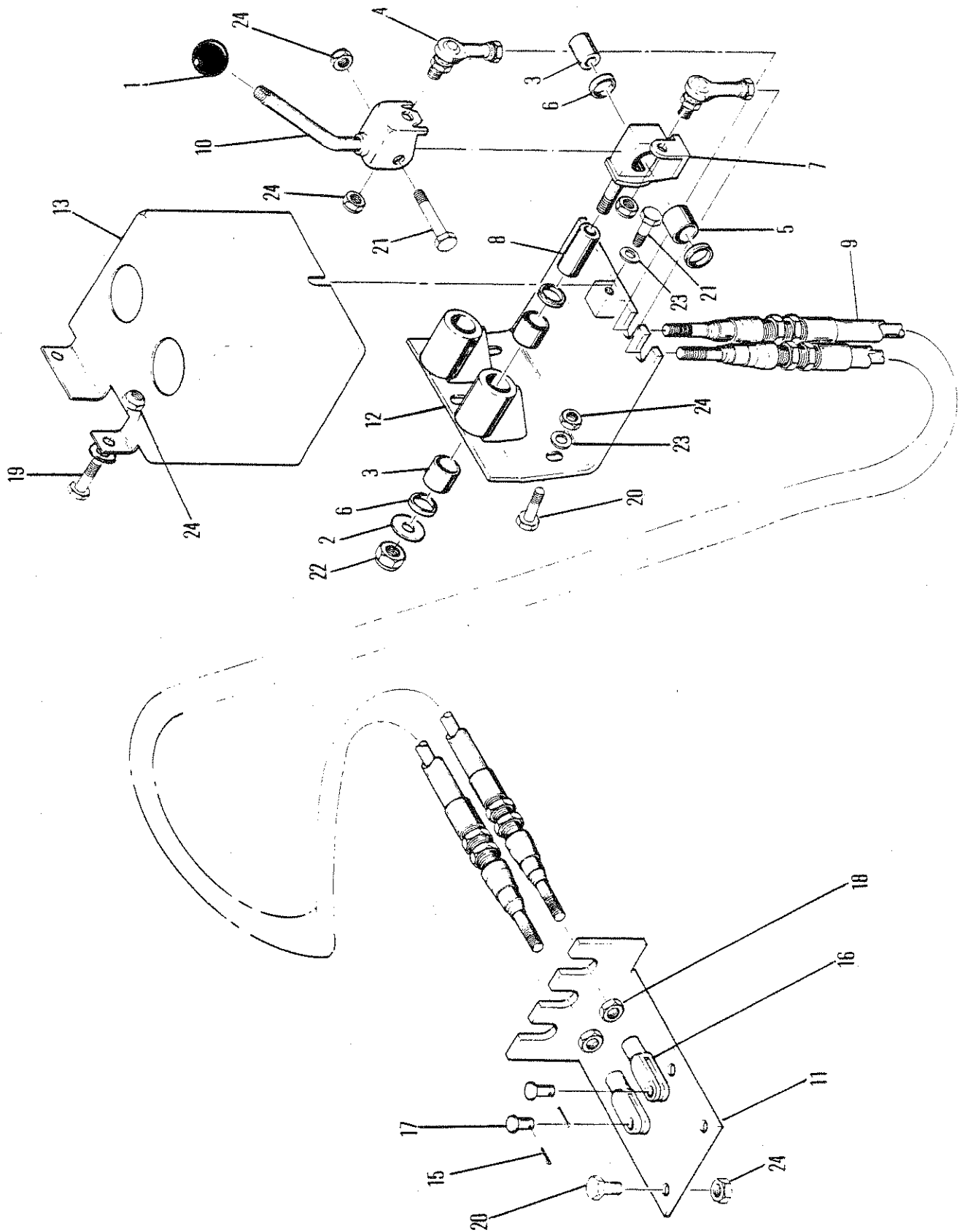
3 664GR



ARCH, GRAPPLE & MOTOR HYDRAULICS
HYDRAULIQUES, D'ARCHE, GRAPPIN ET DE MOTEUR
BOGEN-, GREIFER-, MOTROHYDRAULIK
ARCO GARRA & MOTOR HIDRÁULICA
ARCO AGARRADERA E HIDRÁULICA DEL MOTOR

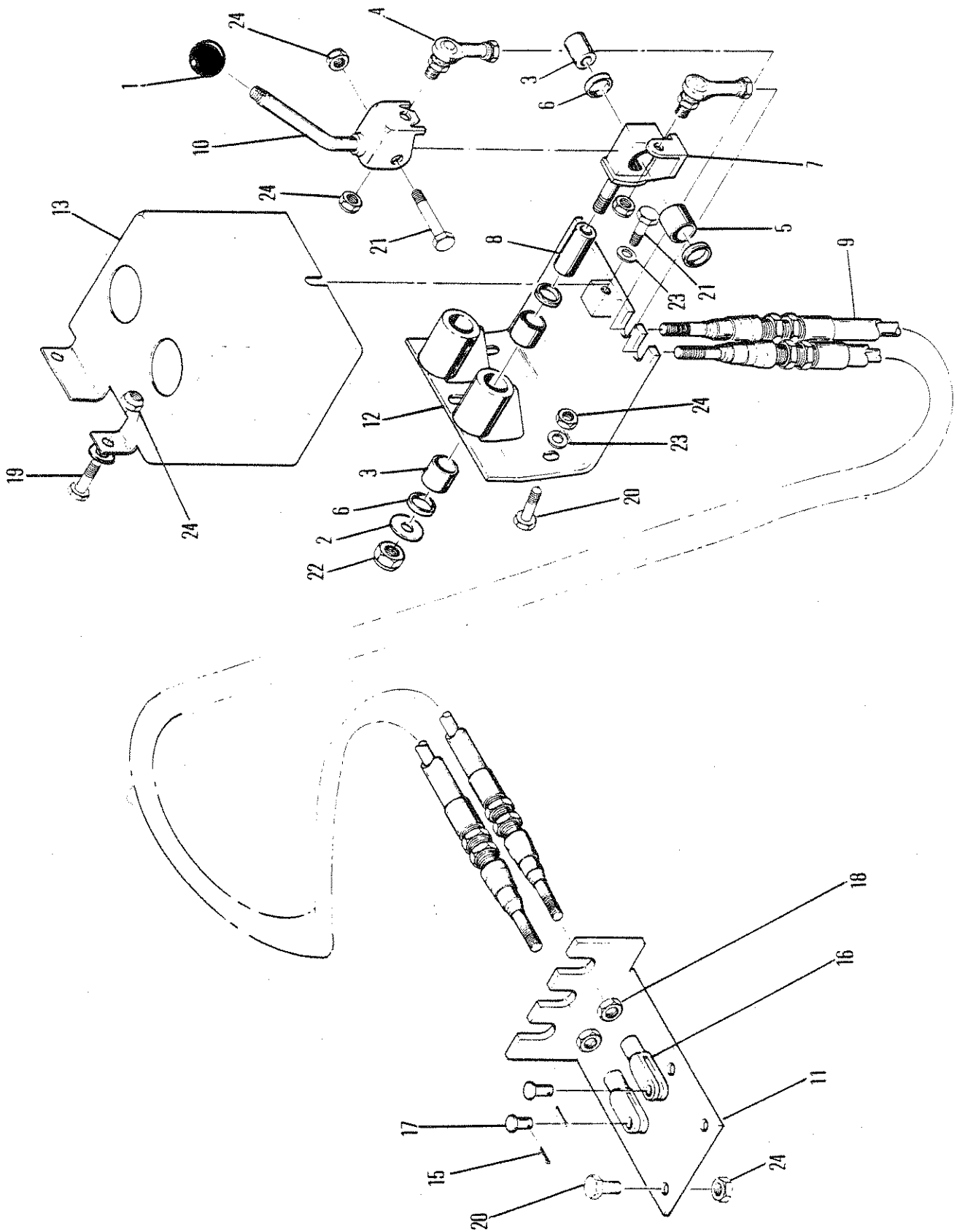
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	755055	4	Fitting	ajustage	Verbindung	ajuste	accesorio
2	1928702	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	29F000001	1	Elbow	coude	Winkelrohr	cotovêlo	codo
4	774433	1	Connector	raccord	Verbindungsstück	ligador	conector
5	1302005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
6	1929413	3	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	1931110	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	755050	2	Connector	raccord	Verbindungsstück	ligador	conector
9	11K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
10	1916837	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
11	15K000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
12	11K000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
13	17K000003	2	Fitting	ajustage	Verbindung	ajuste	accesorio
14	1907267	1	Valve	soupape	Ventil	válvula	válvula
15	17K000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
16	16K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	17K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
18	17K000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
19	1928697	1	Hose supply	tuyau alimentation	Schlauchzufuhr	suministro mangueira	
20	1305865	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
21	1931111	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1928705	1	Return hose	conduite de retour	Rückleitungschl	mangueira retorno	manguera retorno
23	11K000008	2	Elbow	coude	Winkelrohr	cotovêlo	codo
24	1928701	2	Cross tube	tube transversal	Querrohr	tubo transvers	tubo cruz
25	6H000018	4	Clamp	pince	Schelle	braçadeira	abrazadera
26	34C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
27	755054	4	Fitting	ajustage	Verbindung	ajuste	accesorio
28	1300309	1	Elbow	coude	Winkelrohr	cotovêlo	codo
29	1905942	1	Fitting	ajustage	Verbindung	ajuste	accesorio
30	1915205	4	Pin	goupille	Stift	pino	pasador
31	33C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
32	586452	4	Pin	goupille	Stift	pino	pasador
33	1574466	4	Bushing	chemise	Buchse	bucha	buje
34	○-----	-	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
35	17C000672	4	Bolt	boulon	Bolzen	parafuso	bulón
36	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
37	○-----	1	Valve	soupape	Ventil	válvula	válvula
38	1929313	1	Bracket	support	Winkel	grampo	grampa
39	17K000003	2	Elbow	coude	Winkelrohr	cotovêlo	codo
40	1916837	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
41	15K000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
42	11K000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
43	15K000007	4	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
44	1927316	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
45	1931897	2	Block	bloc	Block	bloco	bloque
46	1927402	4	Hose	tuyau flexible	Schlauch	mangueira	manguera
47	+755939	1	Hose	tuyau flexible	Schlauch	mangueira	manguera

1 High-Pressure Carry Over Fitting, Inc. 1 - 58K000119 O-ring & 1 - 91F000010 O-ring
 1 Accessoire de report à haute pression, Inc. 1 - 58K000119 joint torique & 1 - 91F000010 joint torique
 1 Hochdruck-Übertragungsteil, Inc. 1 - 58K000119 O-Ring & 1 - 91F000010 O-Ring
 1 Conexão anti-arraste, alta pressão, Inc. 1 - 58K000119 anel-O & 1 - 91F000010 anel-O
 1 Accesorio de traspaso de alta presión, Inc. 1 - 58K000119 anillo-O & 1 - 91F000010 anillo-O



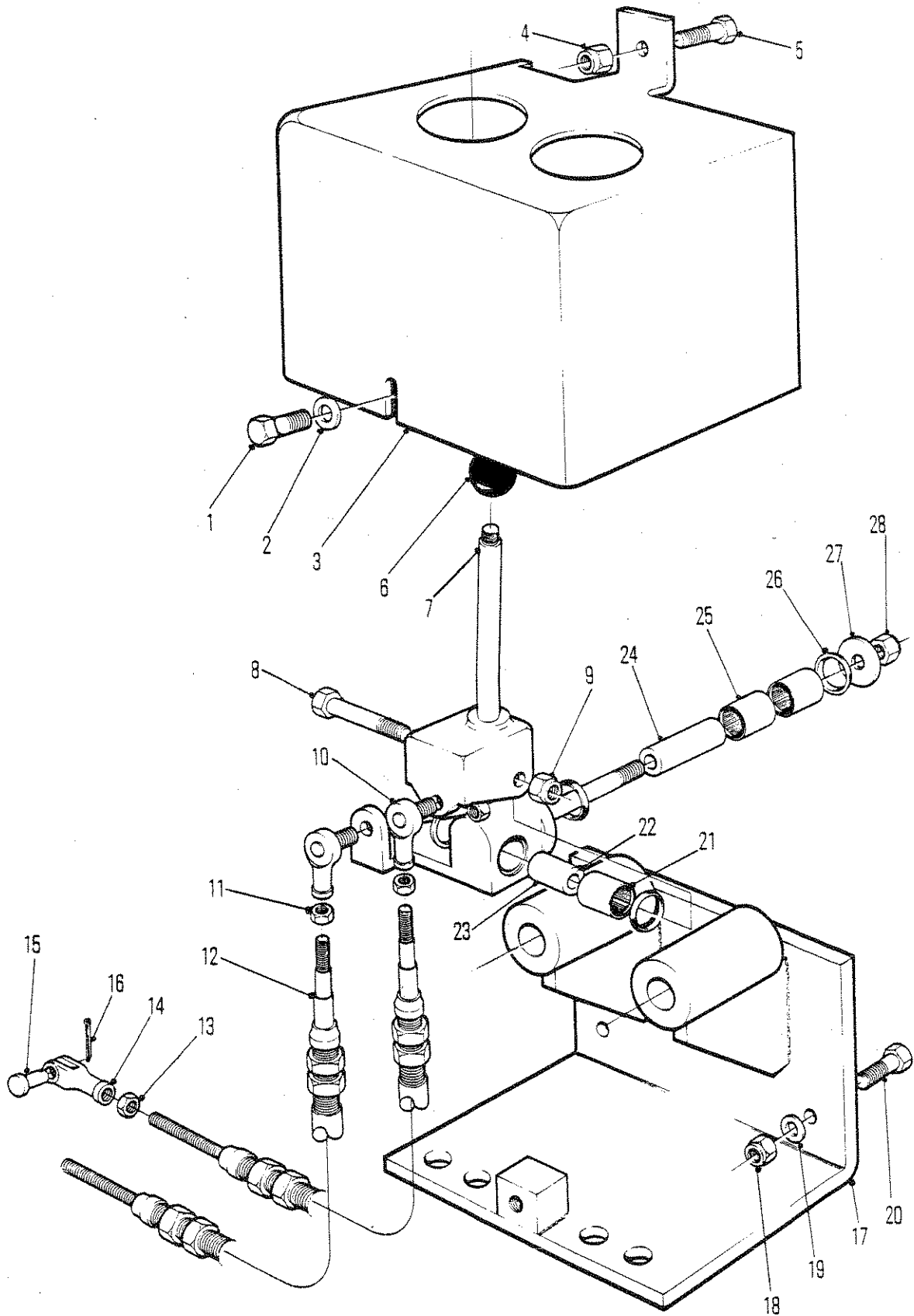
CONTROLS-ARCH, GRAPPLE, BOOM & MOTOR HEAD
COMMANDES, ARCHE, FLÈCHE DE GRAPPIN ET TÊTE DE MOTEUR
BEDIENUNGSELEMENTE, BOGEN & GREIFERHUBARM & MOTORKOPF
CONTROLES, ARCO & GARRAS & BRACO & MOTOR
CONTROLS, ARCO & AGARRE & CABEZA & MOTOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manípua	botón
2	561912	1	Washer	rondelle	Scheibe	arruela	arandela
3	675227	3	Bearing	palier	Lager	mancai	cojinete
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	1914678	3	Cable	câble	Kabel	cabo	cable
10	1914725	2	Lever	levier	Hebel	alavanca	palanca
11	1915346	1	Plate	plaque	Platte	placa	placa
12	1915566	1	Bracket	support	Winkel	grampo	grampa
13	1920125	1	Cover	couvercle	Deckel	tampa	tapa
14	1920129	2	Bracket	support	Winkel	grampo	grampa
15	1F0000308	3	Pin	goupille	Stift	pino	pasador
16	2J0005204	3	Clevis	étrier	Schkel	garfo	horquilla
17	4F0005062	3	Pin	goupille	Stift	pino	pasador
18	8D0000008	8	Nut	écrou	Mutter	porca	tuerca
19	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
20	17C000620	7	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
22	18D000008	1	Nut	écrou	Mutter	porca	tuerca
23	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
24	85D000008	8	Nut	écrou	Mutter	porca	tuerca



CONTROLS-ARCH, GRAPPLE, BOOM & MOTOR HEAD
COMMANDES, ARCHE, FLÈCHE DE GRAPPIN ET TÊTE DE MOTEUR
BEDIENUNGSELEMENTE, BOGEN & GREIFERHUBARM & MOTORKOPF
CONTROLES, ARCO & GARRAS & BRACO & MOTOR
CONTROLS, ARCO & AGARRE & CABEZA & MOTOR

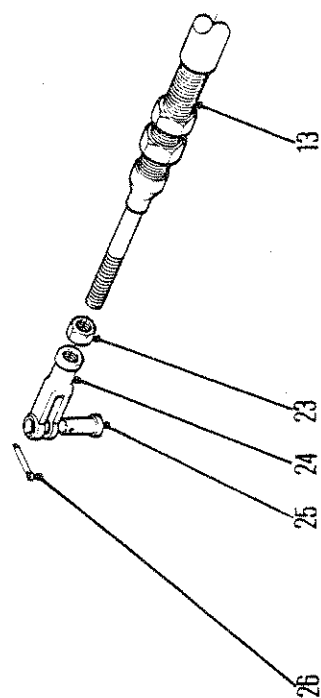
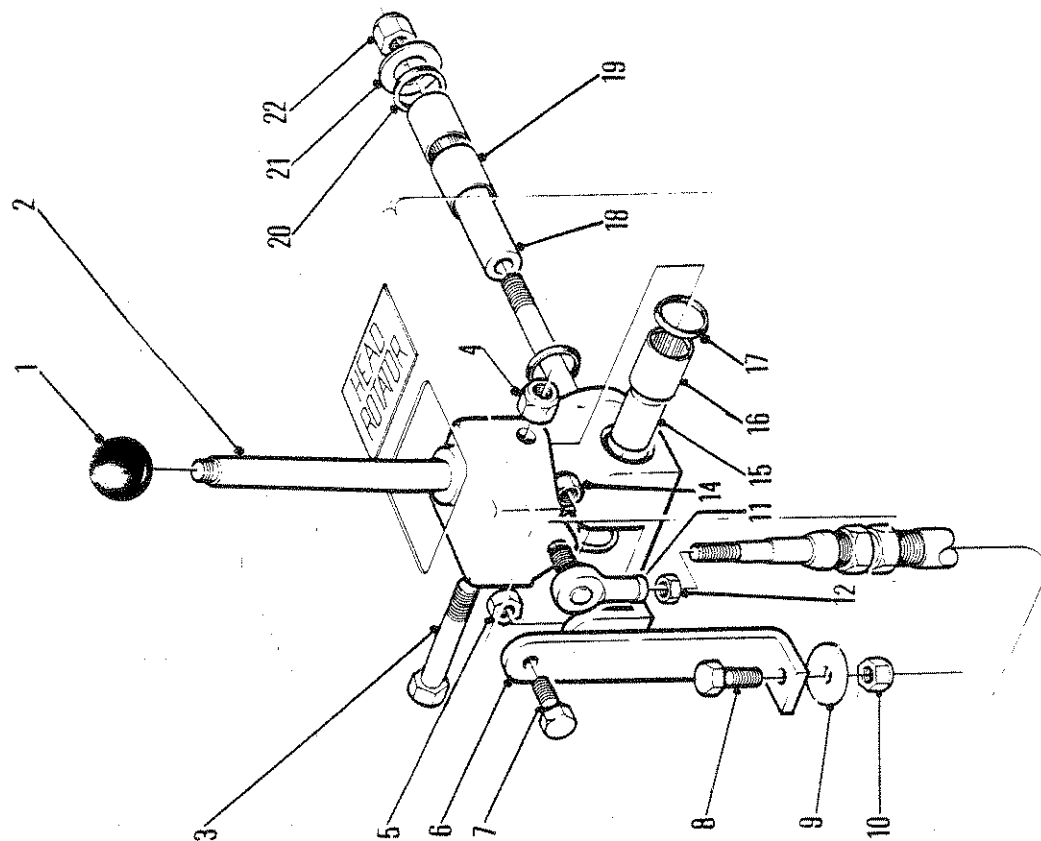
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manipula	botón
2	561912	1	Washer	rondelle	Scheibe	arruela	arandela
3	675227	3	Bearing	palier	Lager	mancal	cojinete
4	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
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	1914678	3	Cable	câble	Kabel	cabo	cable
10	1914725	2	Lever	levier	Hebel	alavanca	palanca
11	1915346	1	Plate	plaque	Platte	placa	placa
12	1915566	1	Bracket	support	Winkel	grampo	grampa
13	1920125	1	Cover	couvercle	Deckel	tampa	tapa
14	1920129	2	Bracket	support	Winkel	grampo	grampa
15	1F0000308	3	Pin	goupille	Stift	pino	pasador
16	2J0005204	3	Clevis	étrier	Schkel	garfo	horquilla
17	4F0005062	3	Pin	goupille	Stift	pino	pasador
18	8D0000008	8	Nut	écrou	Mutter	porca	tuerca
19	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
20	17C000620	7	Bolt	boulon	Bolzen	parafuso	bulón
21	17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
22	18D000008	1	Nut	écrou	Mutter	porca	tuerca
23	27E000006	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
24	85D000008	8	Nut	écrou	Mutter	porca	tuerca



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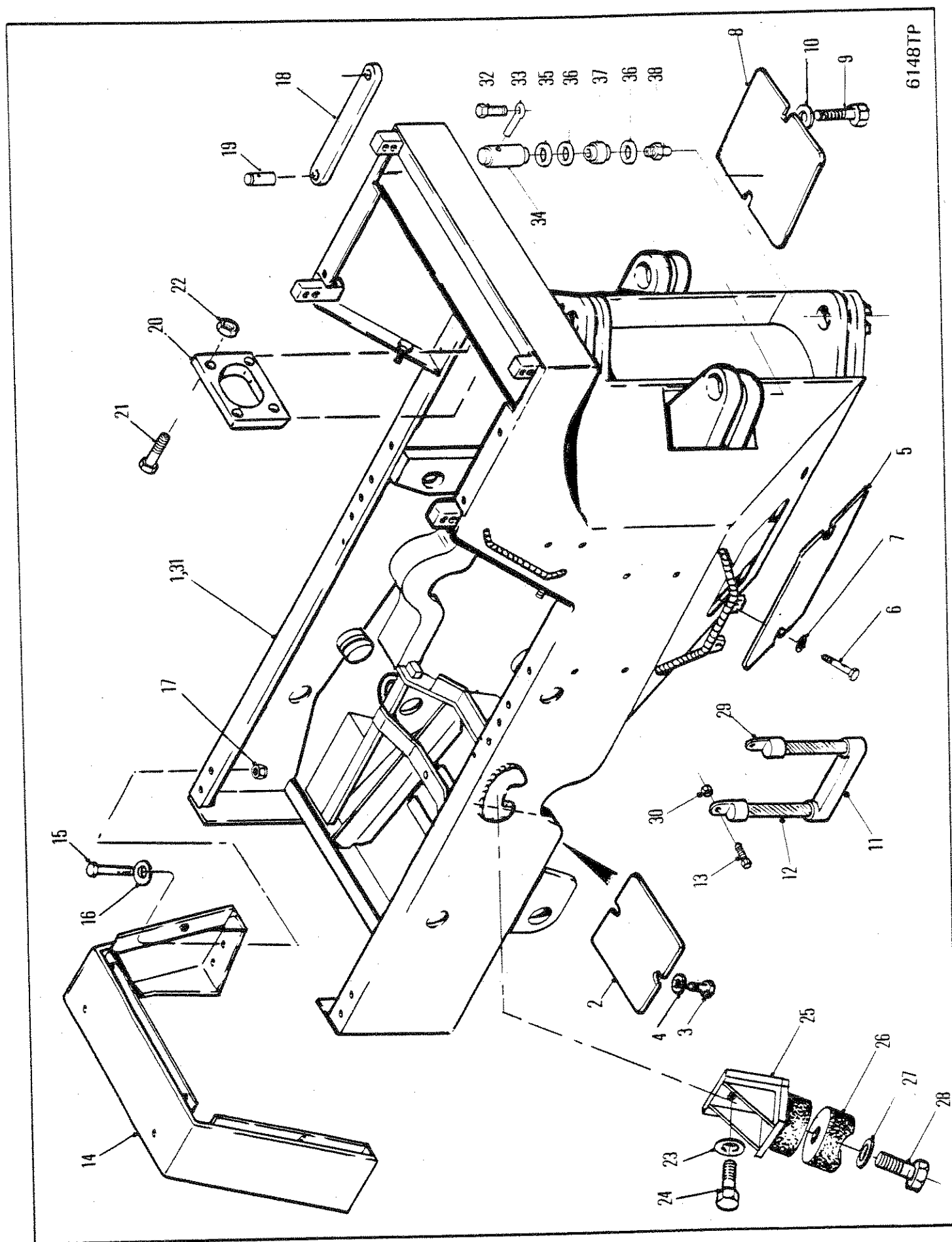
CONTROLS-ARCH & GRAPPLE
CONTRÔLES-ARC ET GRAPIN
STEUERUNGEN-BOGEN UND GREIFER
CONTRÔLES-ARCO E GARRA
MANDOS - ARCO Y GARRA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
2	27E000006	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
3	1920125	1	Cover	couvercle	Deckel	tampa	tapa
4	85D000006	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
5	17C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
6	509772	1	Knob	bouton	Knopf	manipula	botón
7	1914725	1	Lever	levier	Hebel	alavanca	palanca
8	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
9	85D000006	1	Nut	écrou	Mutter	porca	tuerca
10	1317408	2	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
11	8D0000005	2	Nut	écrou	Mutter	porca	tuerca
12	1925998	2	Cable	câble	Kabel	cabo	cable
13	8D0000008	2	Nut	écrou	Mutter	porca	tuerca
14	1537567	2	Clevis	étrier	Schkel	garfo	horquilla
15	894831	2	Pin	goupille	Stift	pino	pasador
16	1F0000308	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
17	1920129	1	Bracket	support	Winkel	grampo	grampa
18	85D000006	3	Nut	écrou	Mutter	porca	tuerca
19	27E000006	3	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	17C000620	3	Bolt	boulon	Bolzen	parafuso	bulón
21	1522535	2	Seal	joint étanchéité	Dichtung	vedador	sello
22	675227	1	Bearing	palier	Lager	mancal	cojinete
23	1503251	1	Sleeve	manchon	Muffe	luva	manguito
24	1911588	1	Sleeve	manchon	Muffe	luva	manguito
25	675227	2	Bearing	palier	Lager	mancal	cojinete
26	1522535	2	Seal	joint étanchéité	Dichtung	vedador	sello
27	561912	1	Washer	rondelle	Scheibe	arruela	arandela
28	18D000008	1	Nut	écrou	Mutter	porca	tuerca



CONTROLS, MOTOR HEAD
CONTROLES, CULASSE DE MOTEUR
BEDIENUNGSELEMENTE, MOTORKOPF
CONTROLES, CABEÇA DO MOTOR
CONTROLES, CABEZAL DES MOTOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	509772	1	Knob	bouton	Knopf	manipula	botón
2	1914726	1	Lever	levier	Hebel	alavanca	palanca
3	17C000840	1	Bolt	boulon	Bolzen	parafuso	bulón
4	59D000008	1	Nut	écrou	Mutter	porca	tuerca
5	59D000005	1	Nut	écrou	Mutter	porca	tuerca
6	1915586	1	Bracket	support	Winkel	grampo	grampa
7	17C000516	1	Bolt	boulon	Bolzen	parafuso	bulón
8	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
10	59D000006	1	Nut	écrou	Mutter	porca	tuerca
11	1317408	1	Rod end	bout biellette	Stangenende	extremidade haste	extremo de varilla
12	8D0000005	1	Nut	écrou	Mutter	porca	tuerca
13	1925998	1	Cable	câble	Kabel	cabo	cable
14	66D000005	1	Nut	écrou	Mutter	porca	tuerca
15	1503257	1	Sleeve	manchon	Muffe	luva	manguito
16	675227	1	Bearing	palier	Lager	mancal	cojinete
17	1522535	2	Seal	joint étanchéité	Dichtung	vedador	sello
18	1911588	1	Sleeve	manchon	Muffe	luva	manguito
19	675227	2	Bearing	palier	Lager	mancal	cojinete
20	1522535	2	Seal	joint étanchéité	Dichtung	vedador	sello
21	561912	1	Washer	rondelle	Scheibe	arruela	arandela
22	60D000008	1	Nut	écrou	Mutter	porca	tuerca
23	8D0000005	1	Jam nut	ecrou de bloquage	Sperrmutter	porca freio	tuerca de ajuste
24	1537567	1	Clevis	étrier	Schkel	garfo	horquilla
25	864831	1	Pin	goupille	Stift	pino	pasador
26	1F0000306	2	Pin cotter	goupille fendue	Splint	contrapino	chaveta dos patos

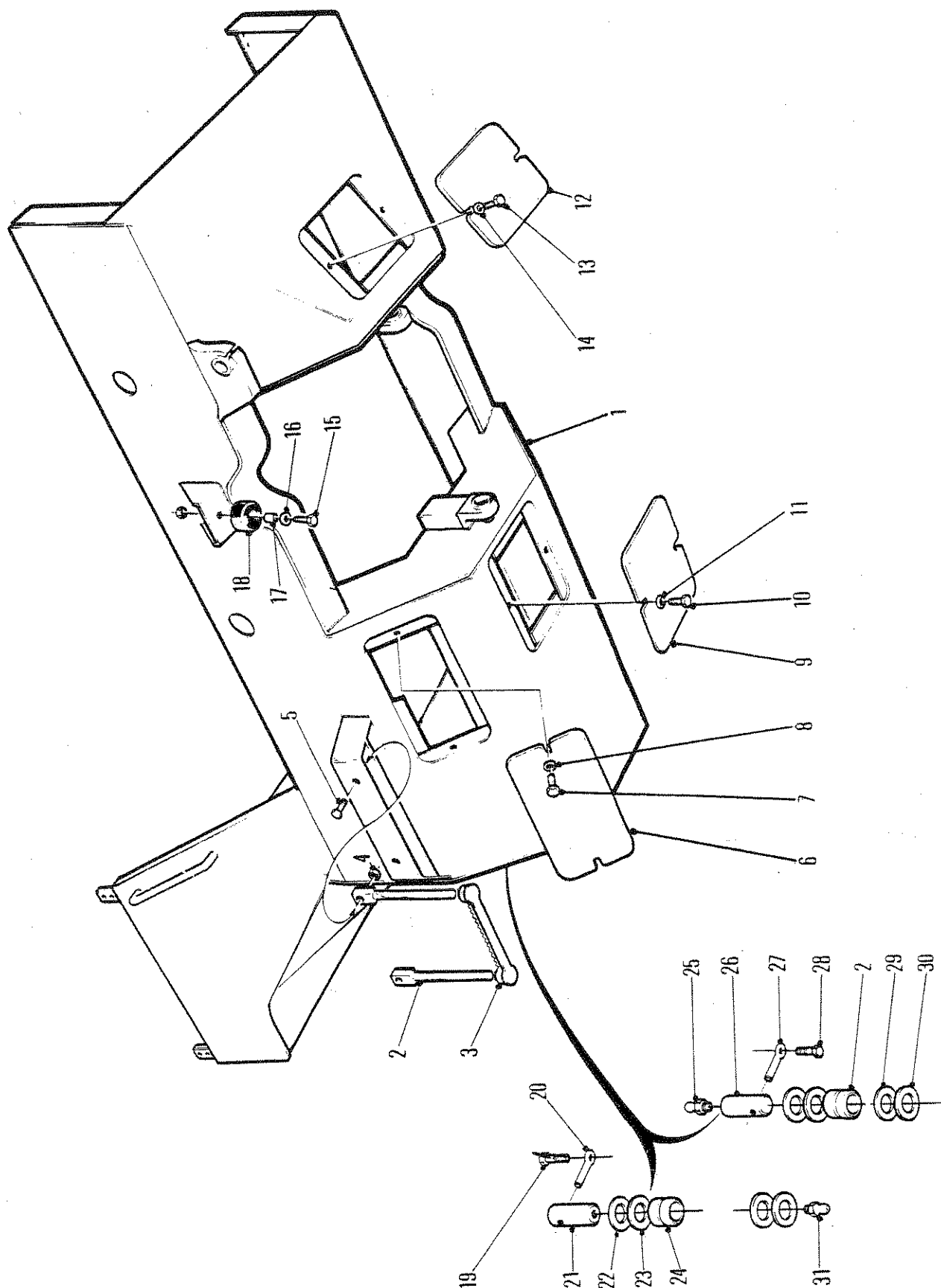


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FRONT FRAME CHÂSSIS AVANT VORDERRAHMEN CHASSIS DIANTEIRO BASTIDOR DELANTERO

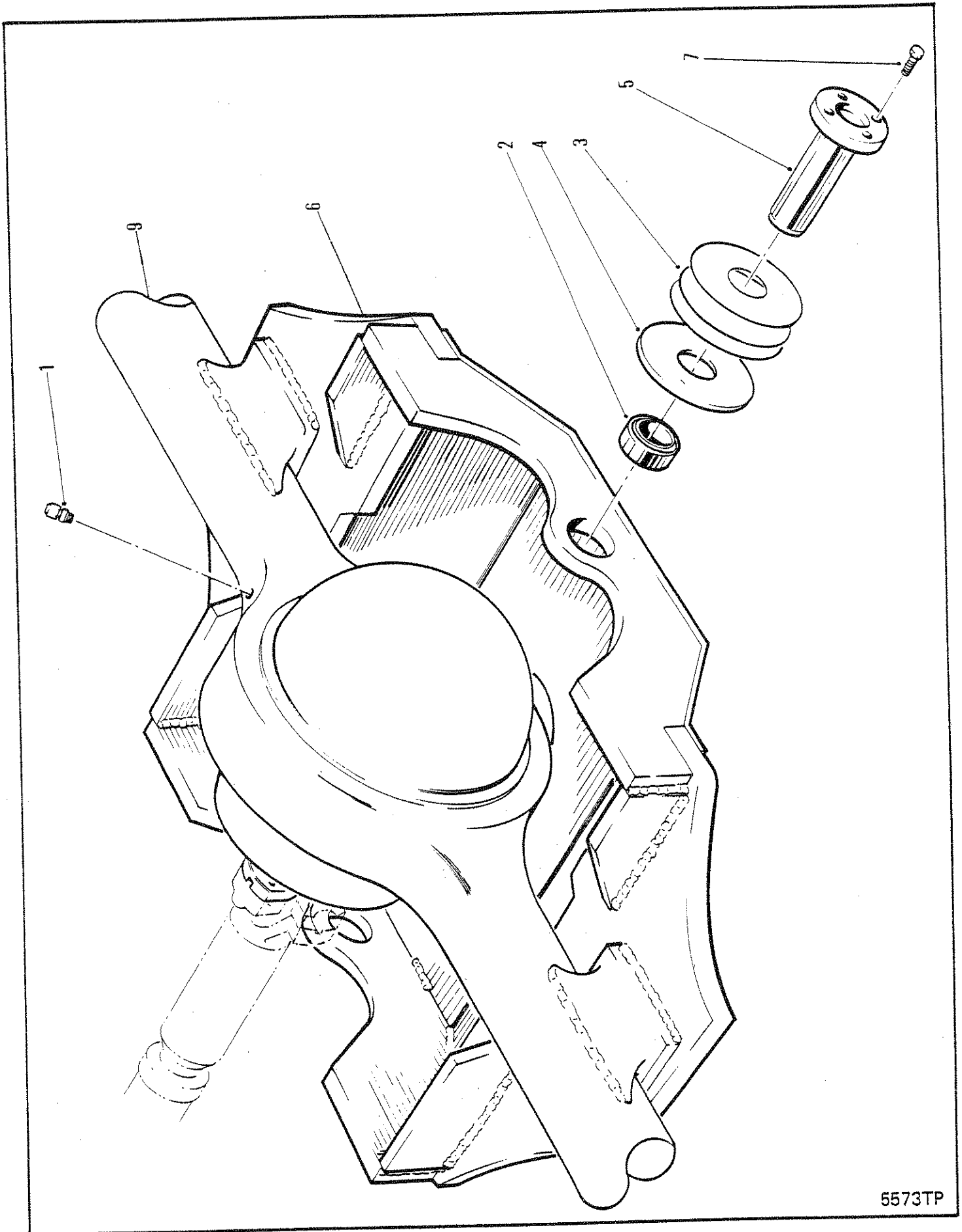
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1918501	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
2	1930497	1	Cover	couvercle	Deckel	tampa	tapa
3	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
4	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
5	1930500	1	Cover	couvercle	Deckel	tampa	tapa
6	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
7	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	1930499	1	Cover	couvercle	Deckel	tampa	tapa
9	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
10	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	1926075	2	Step	marche	Stufe	degrau	escalón
12	1927607	4	Cable	câble	Kabel	cabo	cable
13	17C001256	4	Bolt	boulon	Bolzen	parafuso	bulón
14	1919081	1	Shroud	enveloppe	Umkleidung	proteção	envolvente
15	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000010	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	85D000010	4	Nut	écrou	Mutter	porca	tuerca
18	1916923	1	Lock	serrure	Schloss	fechadura	cerradura
19	1317072	2	Faspin	faspin	Faspin	pino prend	horq
20	1923791	1	Guard	protecteur	Schutz	proteção	protector
21	17C000840	4	Bolt	boulon	Bolzen	parafuso	bulón
22	59D000008	4	Nut	écrou	Mutter	porca	tuerca
23	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela
24	17C000832	4	Bolt	boulon	Bolzen	parafuso	bulón
25	1919654	1	Bracket	support	Winkel	grampo	grampa
26	1919275	2	Cushion	coussin	Kissen	almofada	cojín
27	27E000010	2	Washer	rondelle	Scheibe	arruela	arandela
28	17C001040	2	Bolt	boulon	Boizen	parafuso	bulón
29	1920696	2	Clevis	étrier	Schkel	garfo	horquilla
30	59D000012	4	Nut	écrou	Mutter	porca	tuerca
31	1929712	1	Frame front	chassis avant	Vorderahmen	chassi dianteiro	bastidor delantero
32	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón
33	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
34	1915205	2	Pin	goupille	Stift	pino	pasador
35	±1901079	-	Shim	cale	Beilage	calço	planchita
36	1900168	4	Washer	rondelle	Scheibe	arruela	arandela
37	1574466	2	Bushing	chemise	Buchse	bucha	buje
38	11H000015	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

1 □ 513H-213-CAC&→, 500H-746-CAC&→, 515H-1121-CAC&→



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1929981	1	Front frame	chassis avant	Vorderhmen	chassi dianteiro	bastidor delantero
2	1927607	4	Cable	câble	Kabel	cabo	cable
3	1926075	2	Step	marche	Stufe	degrau	escalón
4	59D000012	4	Nut	écrou	Mutter	porca	tuerca
5	17C001256	4	Bolt	boulon	Bolzen	parafuso	bulón
6	1930500	1	Cover	couvercle	Deckel	tampa	tapa
7	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
8	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
9	1930499	1	Cover	couvercle	Deckel	tampa	tapa
10	17C001032	2	Bolt	boulon	Boizen	parafuso	bulón
11	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
12	1930497	1	Cover	couvercle	Deckel	tampa	tapa
13	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	17C001036	2	Bolt	boulon	Bolzen	parafuso	bulón
16	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	1317537	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
18	1919274	2	Stop	butoir	Anschlag	batente	tope
19	33C000824	1	Bolt	boulon	Bolzen	parafuso	bulón
20	586452	1	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
21	1915205	2	Pin	goupille	Stift	pino	pasador
22	1900168	1	Washer	rondelle	Scheibe	arruela	arandela
23	1901079	1	Shim	cale	Beilage	calço	planchita
24	1574466	2	Bushing	chemise	Buchse	bucha	buje
25	11H000015	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
26	1915214	1	Pin	goupille	Stift	pino	pasador
27	586452	1	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
28	33C000824	1	Bolt	boulon	Bolzen	parafuso	bulón
29	1920223	1	Washer	rondelle	Scheibe	arruela	arandela
30	1901079	1	Shim	cale	Beilage	calço	planchita

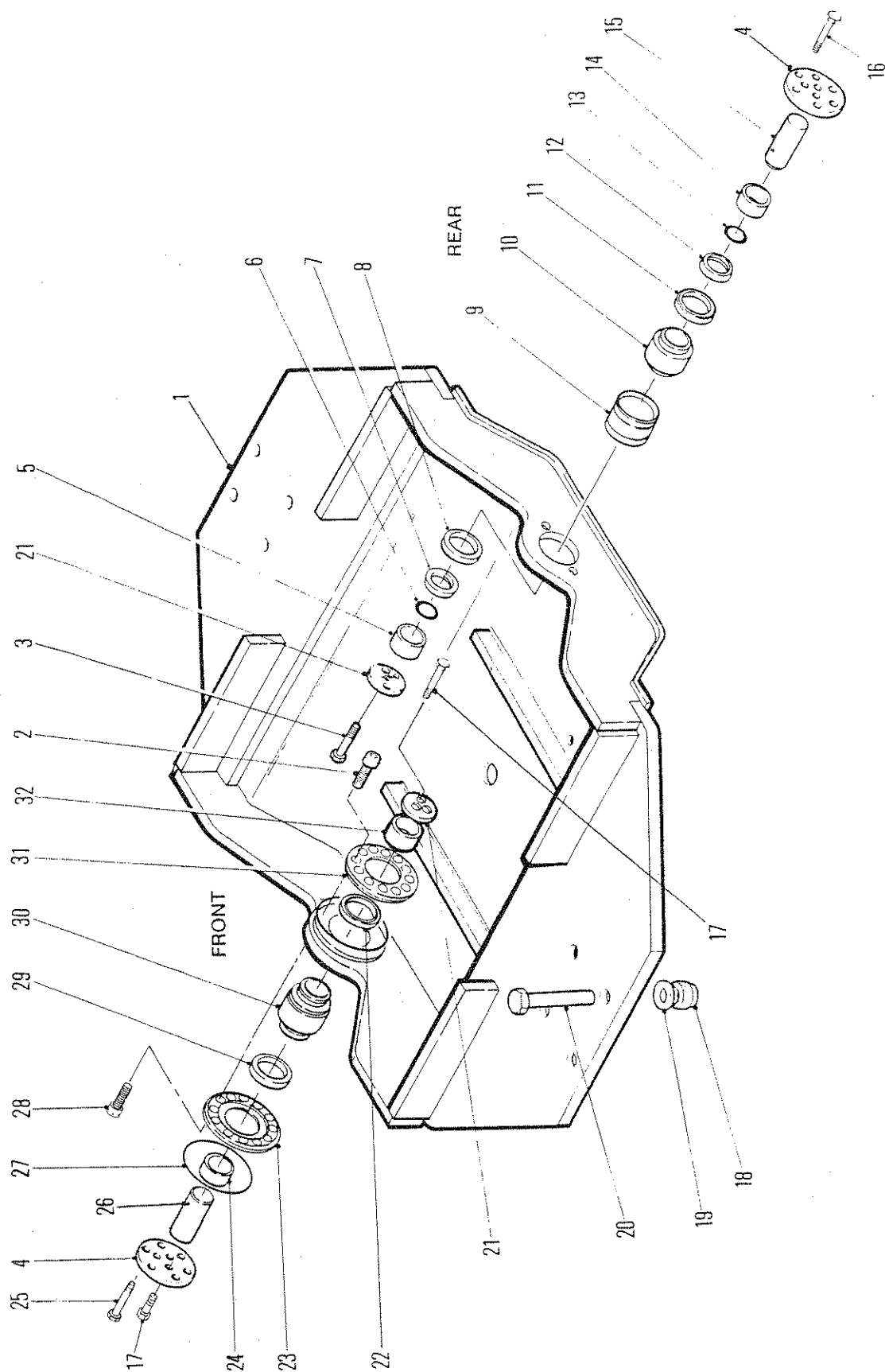


5573TP

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	955743	1	Breather	reniflard	Entlüfter	respiradouro	respiradero
2	1574466	2	Bushing	chemise	Buchse	bucha	buje
3	†1901079	-	Shim	cale	Beilage	calço	planchita
4	1900168	2	Washer	rondelle	Scheibe	arruela	arandela
5	1920461	2	Pin	goupille	Stift	pino	pasador
6	1920911	1	Cradle	berceau	Schlitten	cama - apoio	soporte
7	33C000824	4	Bolt	boulon	Bolzen	parafuso	bulón
8	†1991929	1	Repair Kit	trousse de réparation	Reparatursatz	conjunto de reparo	juego de reparación
9	○-----	-	Front drive axle	essieu de trac AV	Vord Antriebsache	eixo acion diant	eje impulsor del

1 Ref S.B. Group 717, No. 01, 9/86.

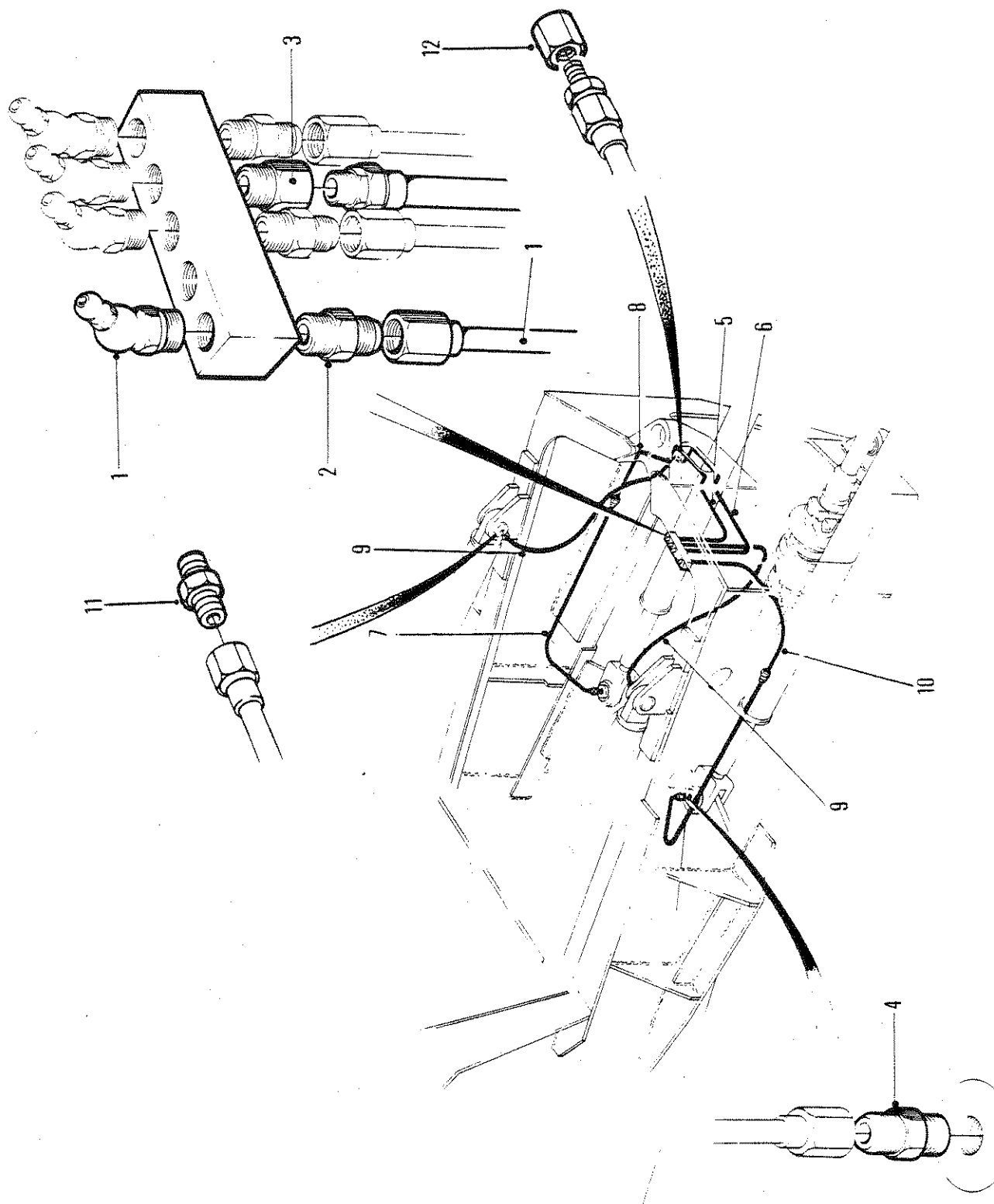


6214TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1932598	1	Cradle assy	berceau ens	Wiegenanordnung	armação conj	soporte conj
2	73G000616	12	Bolt	boulon	Bolzen	parafuso	bulón
3	74G000836	3	Bolt	boulon	Bolzen	parafuso	bulón
4	1932536	2	Plate	plaque	Platte	placa	placa
5	1932533	1	Sleeve	manchon	Muffe	luva	manguito
6	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	1932511	1	Ring	anneau	Ring	anel	anillo
8	1519196	1	Wiper	racleur	Wischer	limpador	limpiador
9	1922644	1	Sleeve	manchon	Muffe	luva	manguito
10	1573309	1	Bushing	chemise	Buchse	bucha	buje
11	1519196	1	Wiper	racleur	Wischer	limpador	limpiador
12	1932511	1	Ring	anneau	Ring	anel	anillo
13	25K040200	1	O-ring	joint torique	O Ring	anel-O	anillo-O
14	1932534	1	Sleeve	manchon	Muffe	luva	manguito
15	1932528	1	Pin	goupille	Stift	pino	pasador
16	73G000820	5	Bolt	boulon	Bolzen	parafuso	bulón
17	74G000832	12	Bolt	boulon	Bolzen	parafuso	bulón
18	86D000016	8	Nut	écrou	Mutter	porca	tuerca
19	27E000016	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
20	18C016160	8	Bolt	boulon	Bolzen	parafuso	bulón
21	1932531	2	Plate	plaque	Platte	placa	placa
22	1519195	1	Wiper	racleur	Wischer	limpador	limpiador
23	1922638	1	Retainer	arrêtoir	Halterung	retentor	retén
24	1932532	1	Sleeve	manchon	Muffe	luva	manguito
25	73G000820	12	Bolt	boulon	Bolzen	parafuso	bulón
26	1932528	1	Pin	goupille	Stift	pino	pasador
27	25K040516	2	O-ring	joint torique	O Ring	anel-O	anillo-O
28	73G000616	12	Bolt	boulon	Bolzen	parafuso	bulón
29	1519195	1	Wiper	racleur	Wischer	limpador	limpiador
30	1923922	1	Bushing	chemise	Buchse	bucha	buje
31	1922638	1	Retainer	arrêtoir	Halterung	retentor	retén
32	1932533	1	Sleeve	manchon	Muffe	luva	manguito

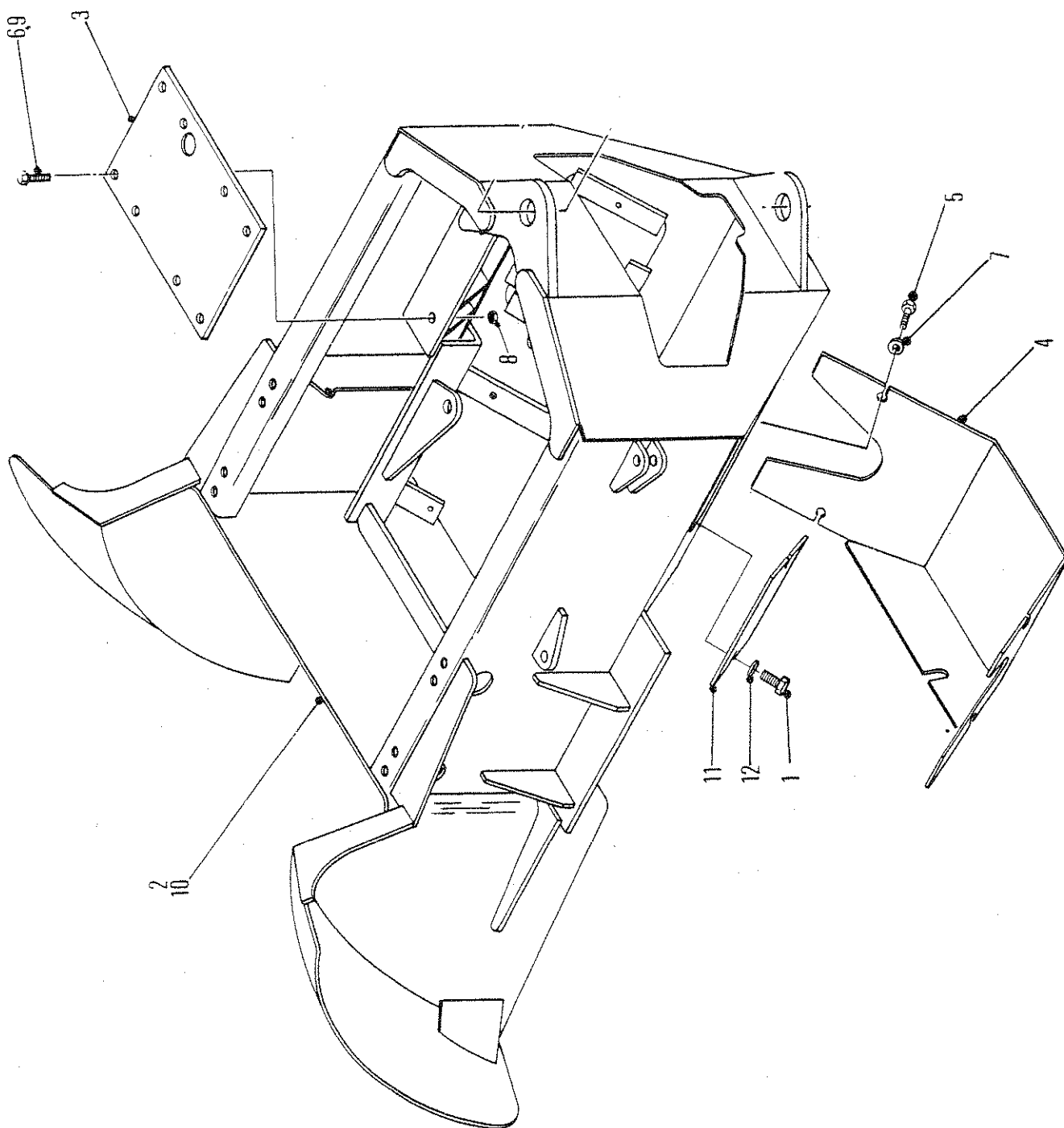
1 Ref S.B. Group 717, No. 05, 9/86.



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	11H000015	4	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
2	83F000003	4	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
3	59F000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
4	89F000003	3	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
5	1927691	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
6	1923637	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	1513103	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
8	1923634	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
9	1908558	2	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1923685	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	131F000001	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
12	161F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio

1 □ 664GR, 666GR

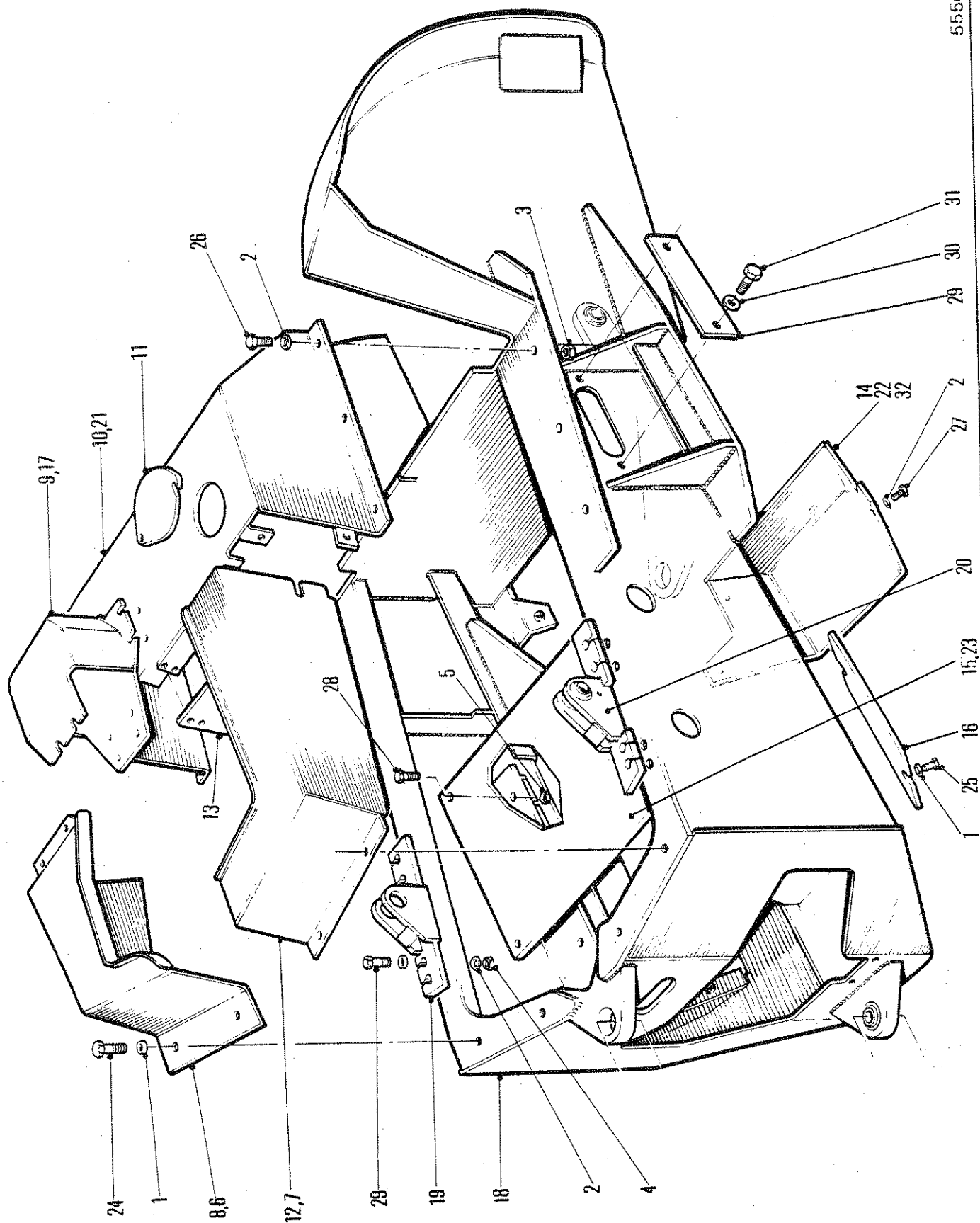


REAR FRAME & MOUNTING
CHÂSSIS ARRIÈRE & MONTAGE
HINTERRAHMEN & MONTIERUNG
ARMAÇÃO TRASEIRA & SUPORTE
ARMAZON TRASERA & SOPORTE

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1917742	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
3	1917963	1	Base plate	plaque de base	Grundplatte	chapa da base	placa de base
4	1920070	1	Axle pan	carter dessus	Achsenwanne	panela do eixo	caldero del eje
5	17C001232	4	Bolt	boulon	Bolzen	parafuso	bulón
6	17C001656	4	Bolt	boulon	Bolzen	parafuso	bulón
7	27E000012	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	59D000016	4	Nut	écrou	Mutter	porca	tuerca
9	1928790	1	Plate	plaque	Platte	placa	placa
10	1930158	1	Rear Frame	châssis arrière	Hinterrahmen	chassis traseiro	marco posterior
11	1930498	1	Cover	couvercle	Deckel	tampa	tapa
12	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana

1 □ 513H-1019-CAC&→, 500H-736-CAC&→

2 □ 513H-1676-CAC&→, 500H-746-CAC&→



5550TP

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	27E000010	16	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
2	27E000012	32	Washer	rondelle	Scheibe	arruela	arandela
3	59D000012	6	Nut	écrou	Mutter	porca	tuerca
4	60D000016	8	Nut	écrou	Mutter	porca	tuerca
5	59D000016	4	Nut	écrou	Mutter	porca	tuerca
6	1927109	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
7	1927108	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
8	1915375	1	Cover RH	couvercle D	Deckel R	tampa LD	cubierta LD
9	1915382	1	Cover	couvercle	Deckel	tampa	tapa
10	1915423	1	Cover	couvercle	Deckel	tampa	tapa
11	1915428	1	Cover	couvercle	Deckel	tampa	tapa
12	1915462	1	Cover LH	couvercle G	Deckel R	capa LE	cubierta LI
13	1915482	1	Plate	plaque	Platte	placa	placa
14	1915526	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
15	1917963	1	Plate	plaque	Platte	placa	placa
16	1930498	2	Cover	couvercle	Deckel	tampa	tapa
17	1927107	1	Cover	couvercle	Deckel	tampa	tapa
18	-----	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
19	1924115	1	Bracket RH	support CD	Winkel R	grampo LD	grampa LD
20	1924116	1	Bracket LH	support CG	Winkel L	grampo LE	grampa LD
21	1927100	1	Cover	couvercle	Deckel	tampa	tapa
22	1926831	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
23	1928790	1	Plate	plaque	Platte	placa	placa
24	17C001016	12	Bolt	boulon	Bolzen	parafuso	bulón
25	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
26	17C001236	6	Bolt	boulon	Bolzen	parafuso	bulón
27	17C001240	4	Bolt	boulon	Bolzen	parafuso	bulón
28	17C001644	4	Bolt	boulon	Bolzen	parafuso	bulón
29	1901466	1	Cover	couvercle	Deckel	tampa	tapa
30	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
31	17C001220	4	Bolt	boulon	Bolzen	parafuso	bulón
32	1929754	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje

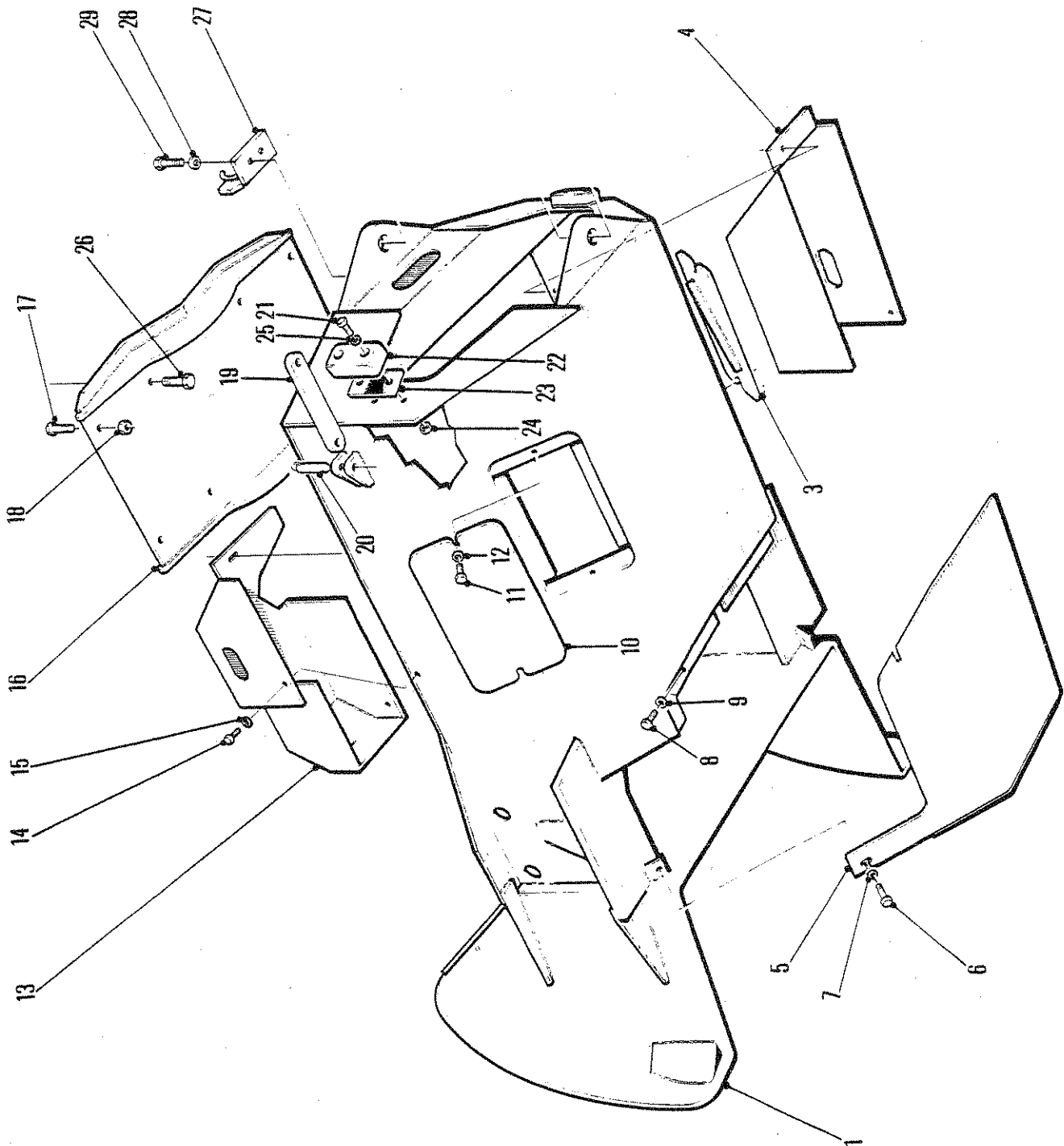
1 □ 515H-406 → 1014-CAC

2 □ 515H-101 → 405-CAC

3 □ 515H-921-CAC & →

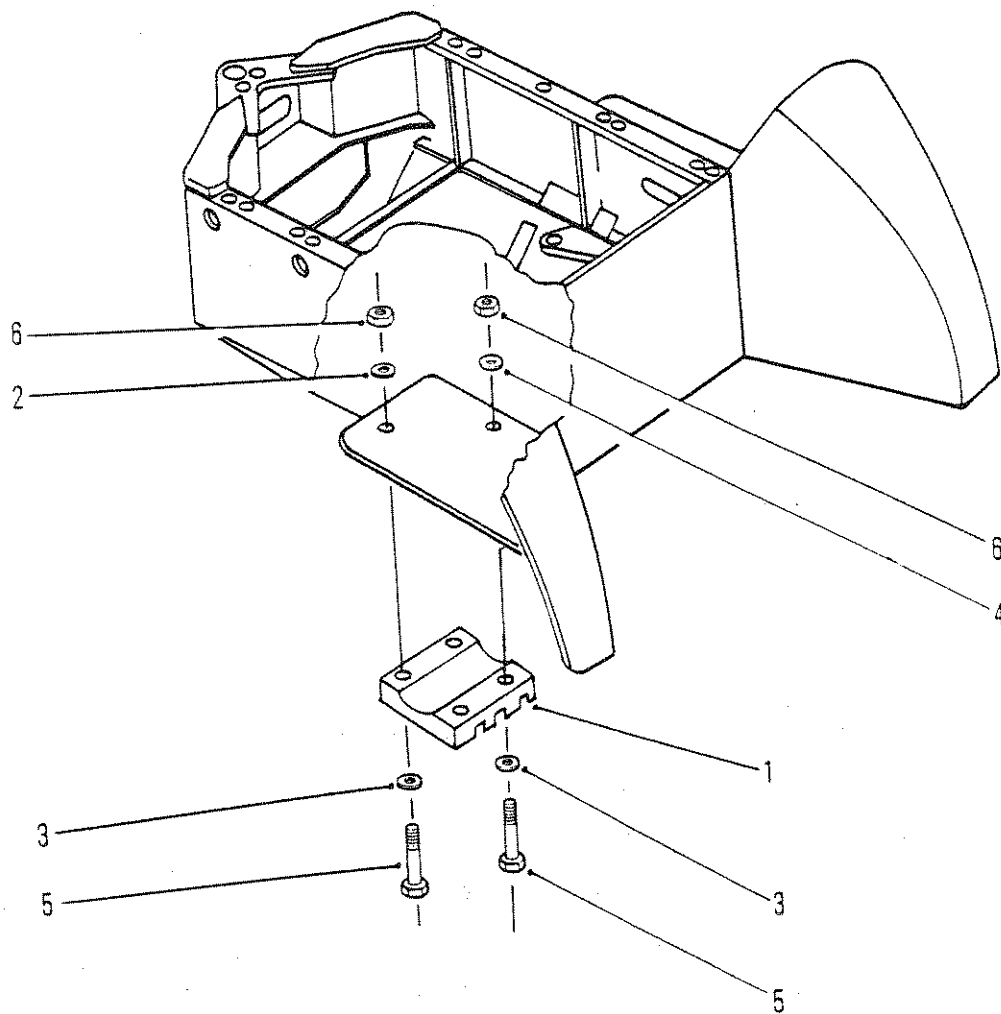
4 □ 515H-101 → 920-CAC

5 □ 515H-1015-CAC & →



REAR FRAME & MOUNTING
CHÂSSIS ARRIÈRE & MONTAGE
HINTERRAHMEN & MONTIERUNG
ARMA(66)(47)O TRASEIRA & SUPORTE
ARMAZON TRASERA & SOPORTE

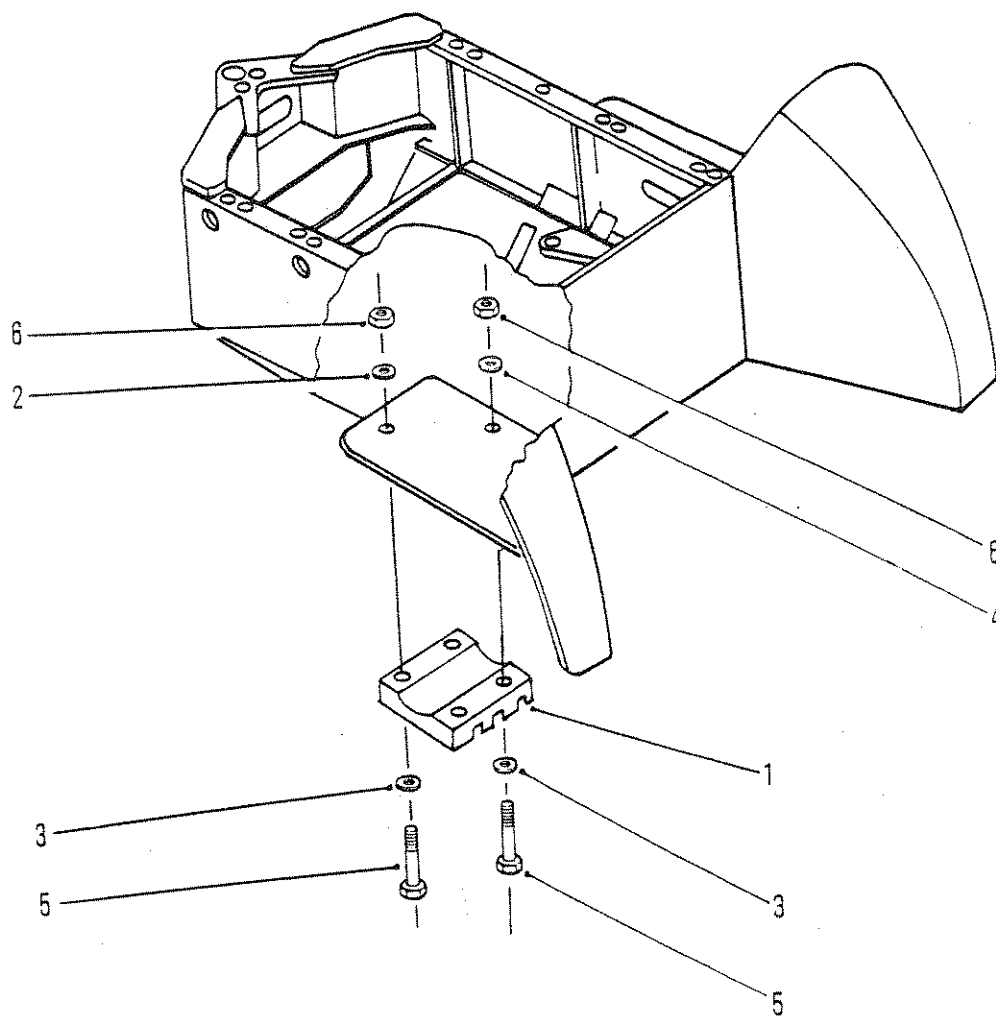
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1929168	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
2	1574466	1	Bushing	chemise	Buchse	bucha	buje
3	1930500	2	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
4	1929268	1	Cover	couvercle	Deckel	tampa	tapa
5	1928587	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
6	17C001228	2	Bolt	boulon	Bolzen	parafuso	bulón
7	27E000012	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	17C001028	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	1930500	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
11	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
12	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	1929271	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
14	17C000816	5	Bolt	boulon	Bolzen	parafuso	bulón
15	27E000008	5	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
16	1928790	1	Plate	plaque	Platte	placa	placa
17	17C001656	4	Bolt	boulon	Bolzen	parafuso	bulón
18	59D000016	4	Nut	écrou	Mutter	porca	tuerca
19	1916923	1	Lock	serrure	Schloss	fechadura	cerradura
20	1317072	2	Faspin	faspin	Faspin	pino prend	horg
21	17C000836	4	Bolt	boulon	Bolzen	parafuso	bulón
22	1903679	2	Steer stop	Butée darrêt guidage	Steueranschlag	batente de direção	limitador de direccion
23	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	59D000008	4	Nut	écrou	Mutter	porca	tuerca
25	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
26	17C002040	4	Bolt	boulon	Bolzen	parafuso	bulón
27	1931691	1	Bracket	support	Winkel	grampo	grampa
28	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela



5532TP

REAR FRAME & MOUNTING
CHÂSSIS ARRIÈRE & MONTAGE
HINTERRAHMEN & MONTIERUNG
ARMA(66)(47)O TRASEIRA & SUPORTE
ARMAZON TRASERA & SOPORTE

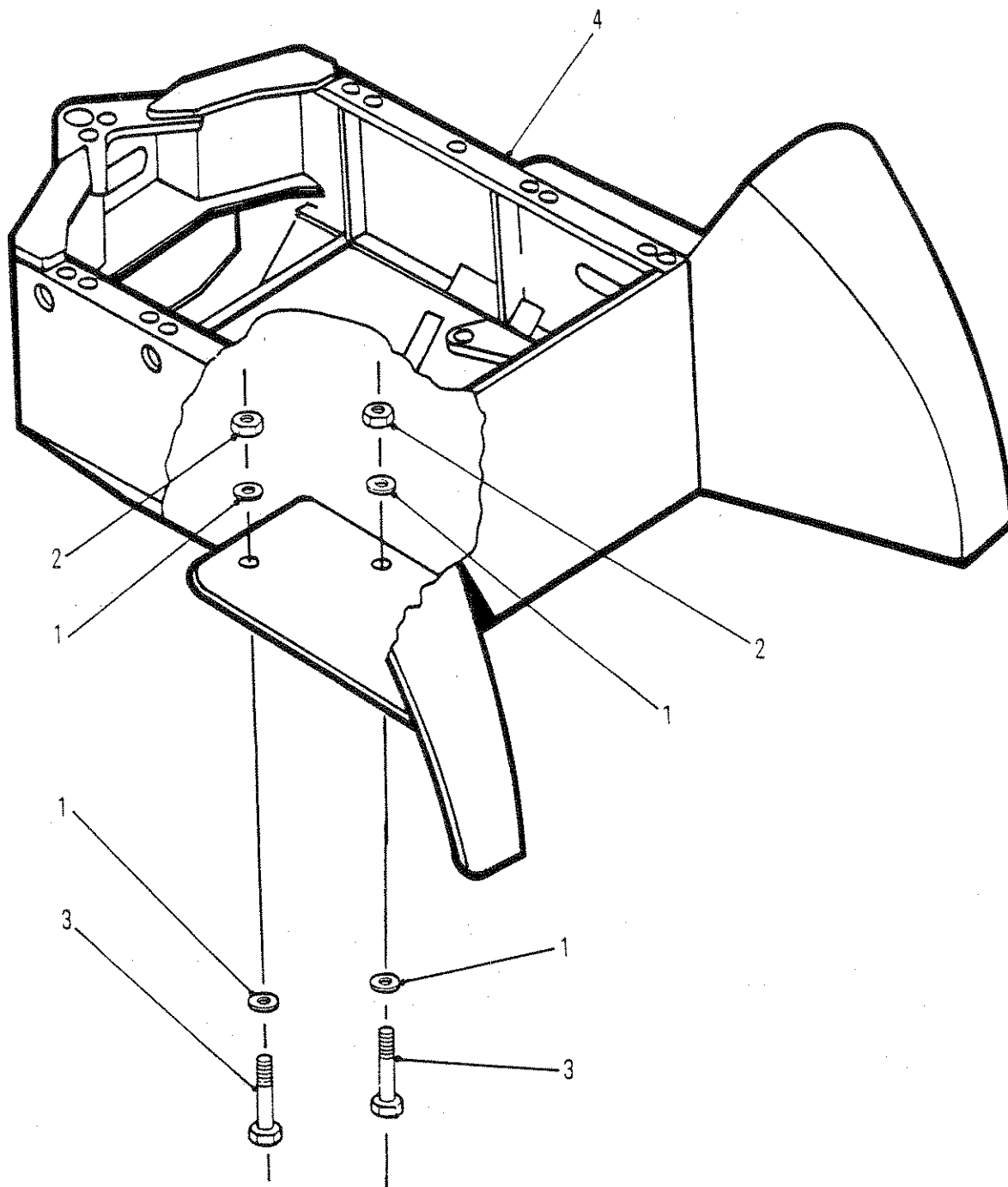
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1929168	1	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior
2	1574466	1	Bushing	chemise	Buchse	bucha	buje
3	1930500	2	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
4	1929268	1	Cover	couvercle	Deckel	tampa	tapa
5	1928587	1	Axle pan	carter dessieu	Achsenwanne	panela do eixo	caldero del eje
6	17C001228	2	Bolt	boulon	Bolzen	parafuso	bulón
7	27E000012	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	17C001028	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	1930500	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
11	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
12	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	1929271	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
14	17C000816	5	Bolt	boulon	Bolzen	parafuso	bulón
15	27E000008	5	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
16	1928790	1	Plate	plaque	Platte	placa	placa
17	17C001656	4	Bolt	boulon	Bolzen	parafuso	bulón
18	59D000016	4	Nut	écrou	Mutter	porca	tuerca
19	1916923	1	Lock	serrure	Schloss	fechadura	cerradura
20	1317072	2	Faspin	faspin	Faspin	pino prend	horg
21	17C000836	4	Bolt	boulon	Bolzen	parafuso	bulón
22	1903679	2	Steer stop	Butée darrêt guidage	Steueranschlag	batente de direção	limitador de direccion
23	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
24	59D000008	4	Nut	écrou	Mutter	porca	tuerca
25	27E000010	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
26	17C002040	4	Bolt	boulon	Bolzen	parafuso	bulón
27	1931691	1	Bracket	support	Winkel	grampo	grampa
28	17C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela



5532TP

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

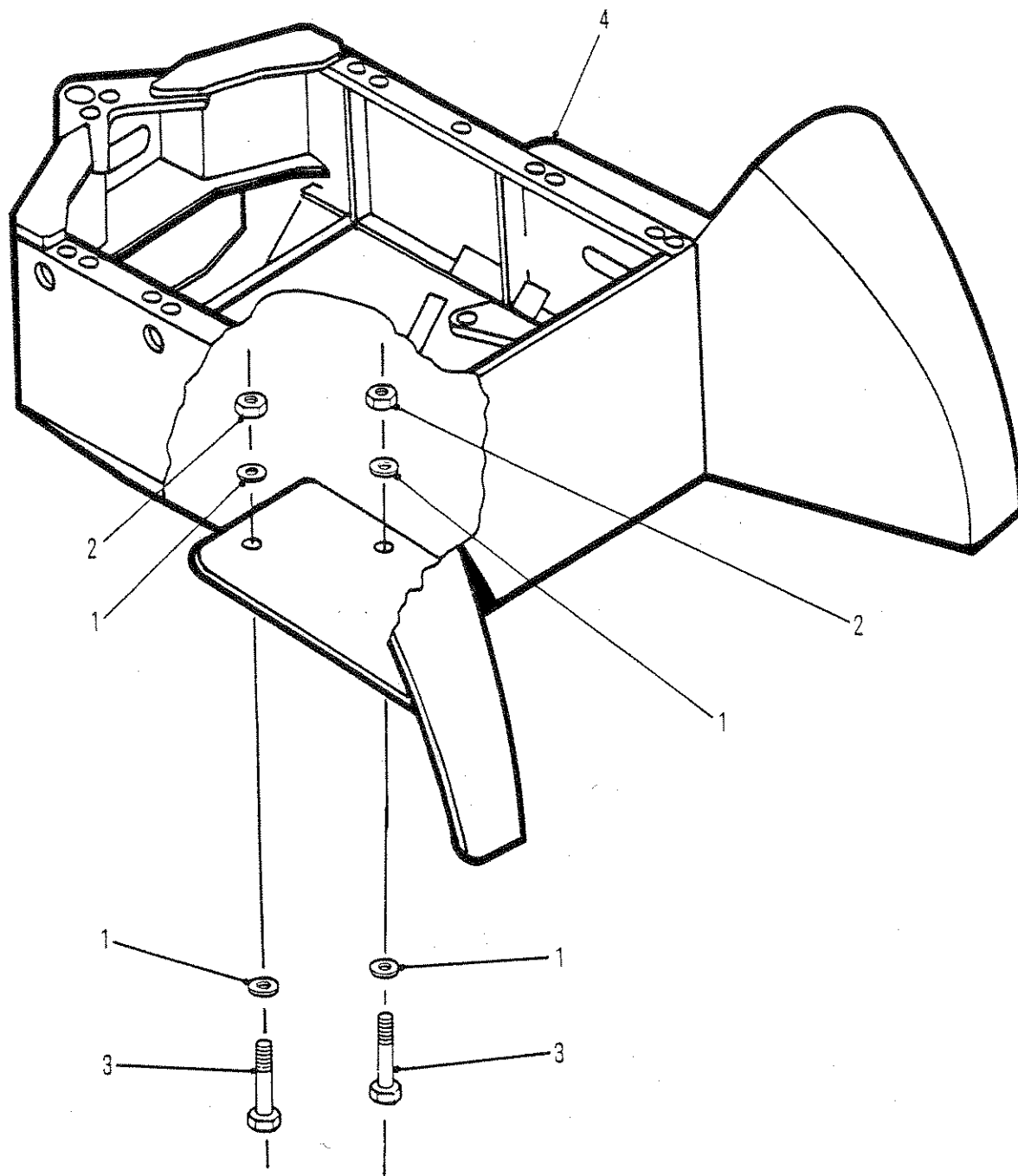
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	115971	2	Axle pad	essieu support	Achsplatte	calçp do eixo	apoyo del eje
2	1900338	4	Washer	rondelle	Scheibe	arruela	arandela
3	27E000016	12	Washer	rondelle	Scheibe	arruela	arandela
4	1907578	8	Washer	rondelle	Scheibe	arruela	arandela
5	18C014128	8	Bolt	boulon	Bolzen	parafuso	bulón
6	60D000014	8	Nut	écrou	Mutter	porca	tuerca



5535TP

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

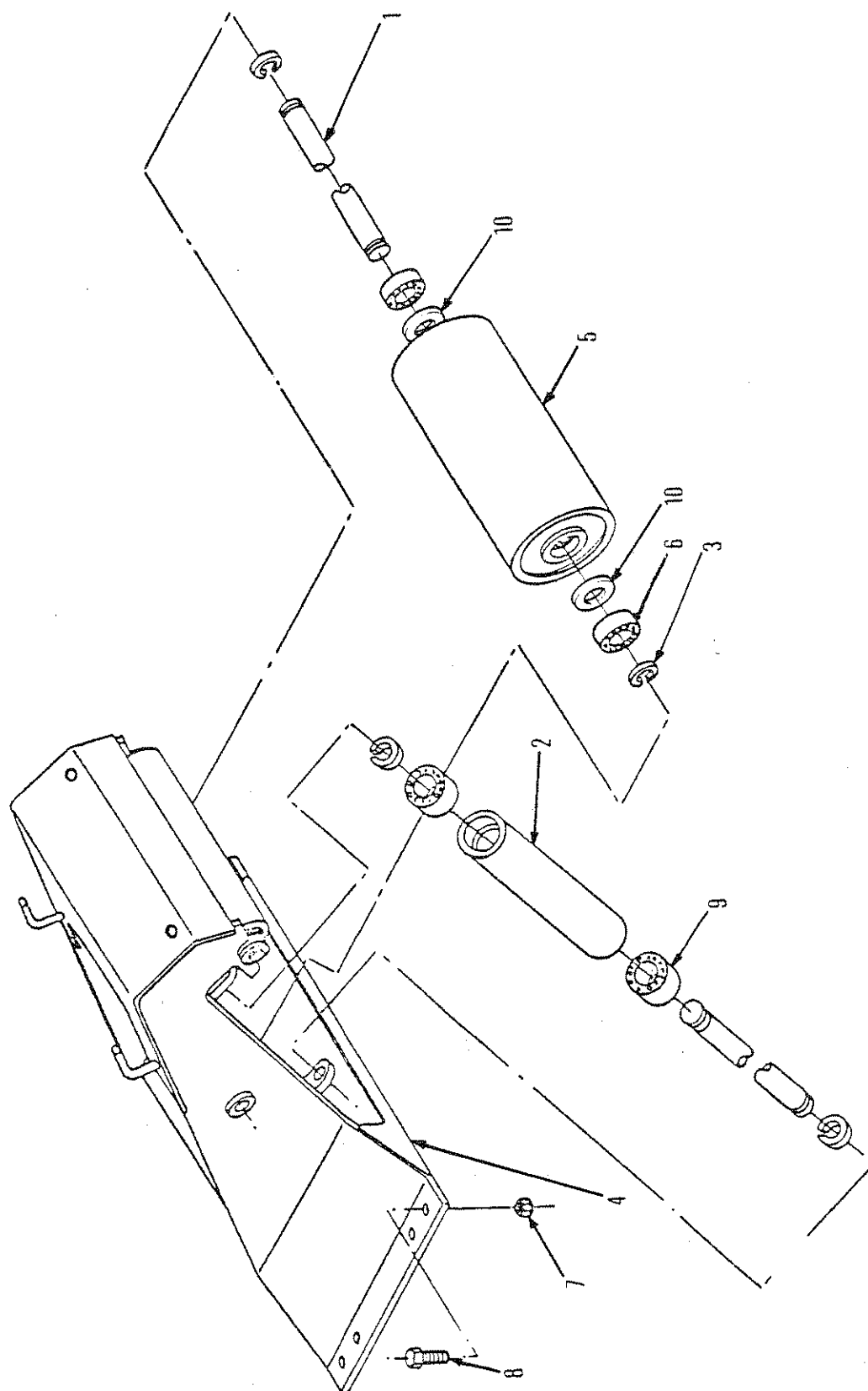
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	27E000016	8	Washer	rondelle	Scheibe	arruela	arandela
2	59D000016	8	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
3	17C016152	8	Bolt	boulon	Bolzen	parafuso	bulón
4	○-----	-	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior



5535TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	27E000016	8	Washer	rondelle	Scheibe	arruela	arandela
2	60D000016	8	Nut	écrou	Mutter	porca	tuerca
3	18C016144	8	Bolt	boulon	Bolzen	parafuso	bulón
4	○-----	-	Rear frame	châssis arrière	Hinterrahmen	chassis trasero	marco posterior



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

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

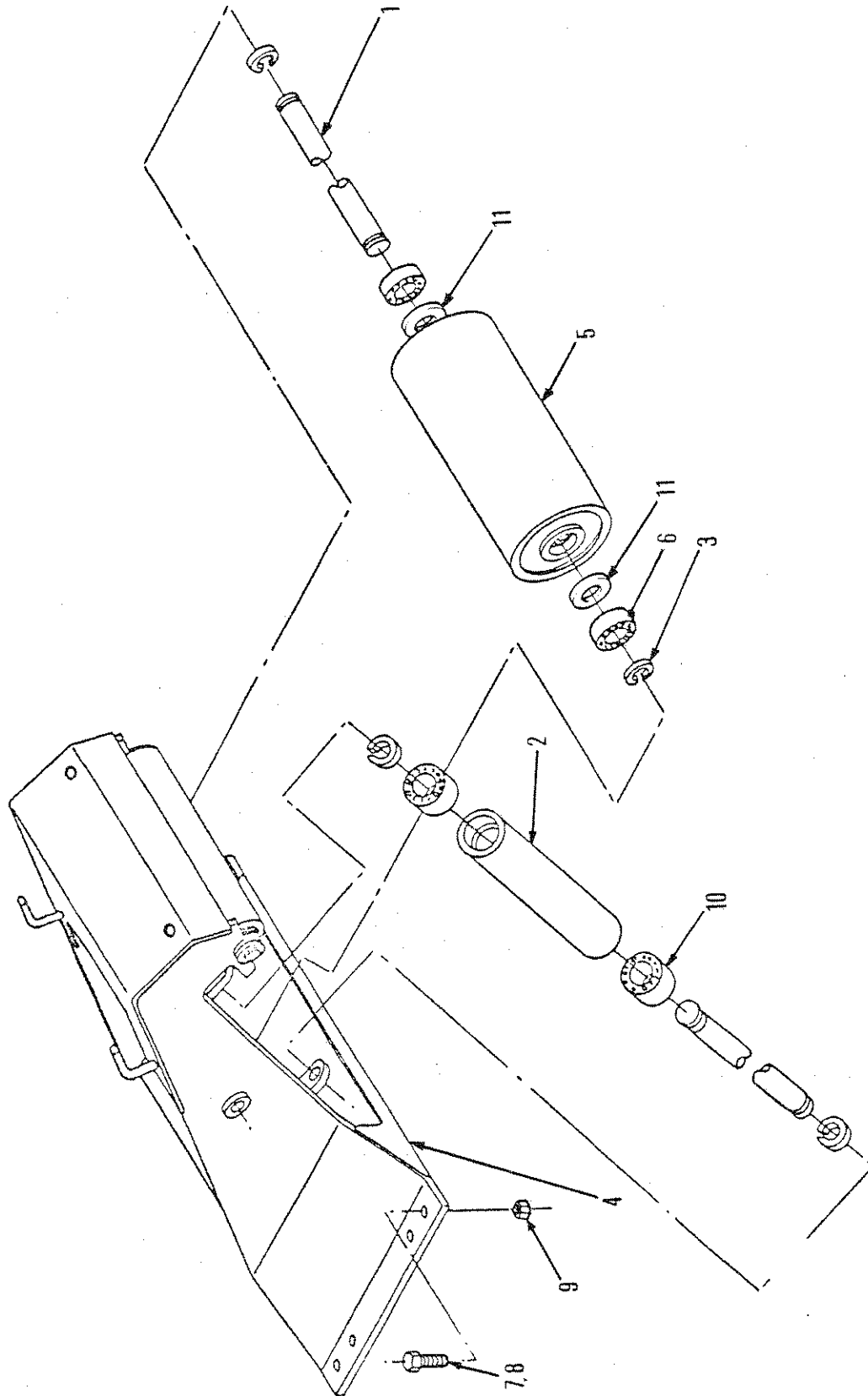
1 Ref S.B. Group 965, No. 11, 9/86. Spacer is not required when servicing new roller.

1 Ref S.B. Group 965, No. 11, 9/86. La pièce d'espacement n'est pas nécessaire pour l'entretien d'un nouveau rouleau.

1 Ref S.B. Group 965, No. 11, 9/86. Distanzstück ist nicht notwendig für neue Rolle.

1 Ref S.B. Group 965, No. 11, 9/86. O espaçador não é necessário quando meter um cilindro novo.

1 Ref S.B. Group 965, No. 11, 9/86. La parte de distancia no está necesaria para una rueda nueva.

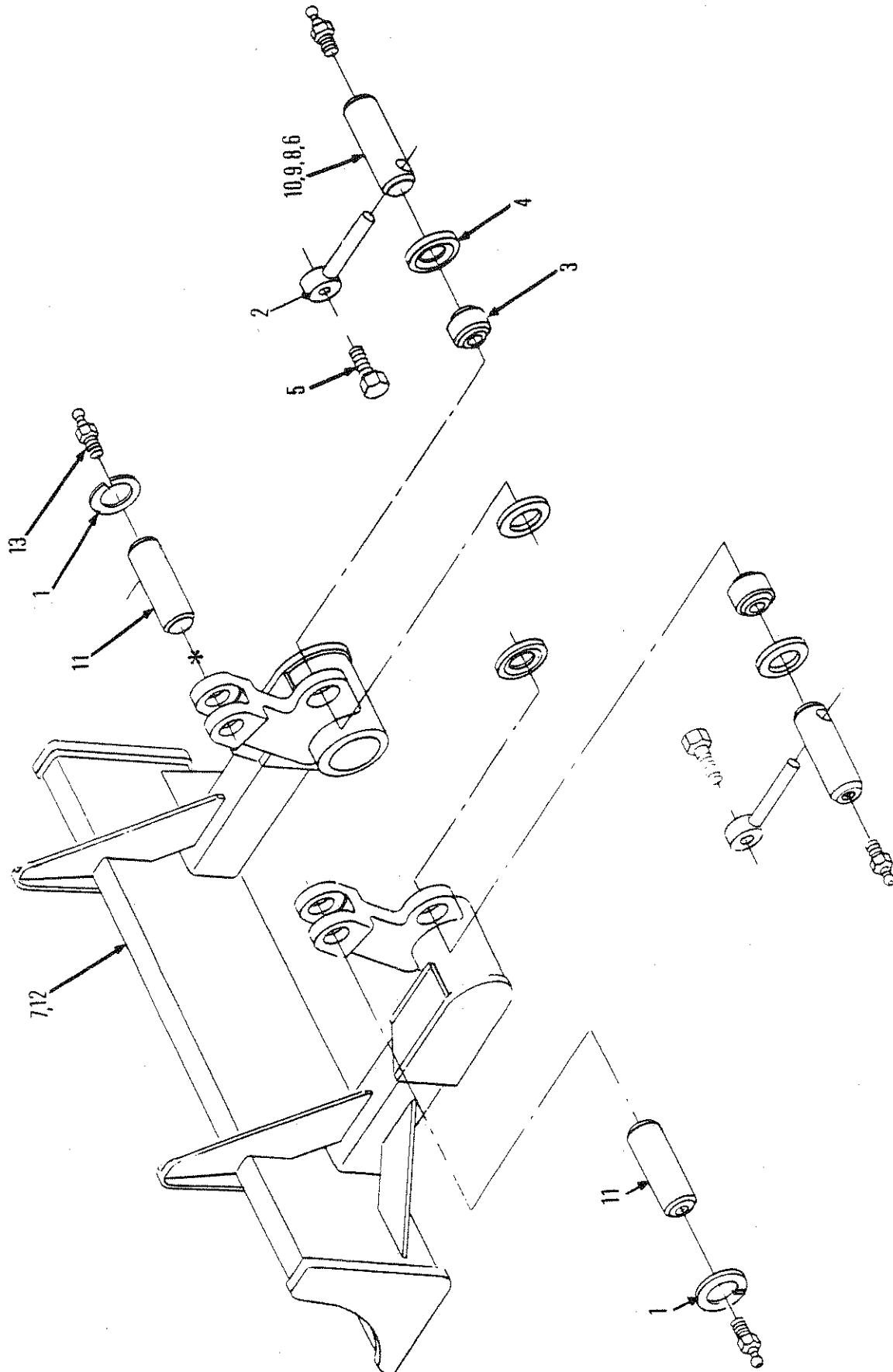


FAIRLEAD & MOUNTING ☒
GUIDE - CÂBLE ET MONTAGE ☒
FÜHRUNGSROLLE UND MONTAGE ☒
RODA - GUIA E MONTAGEM ☒
POLEA - GUIA Y MONTURA ☒

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	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	1913717	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	17C001236	8	Bolt	boulon	Bolzen	parafuso	bulón
8	27C000012	8	Washer	rondelle	Scheibe	arruela	arandela
9	26D000012	8	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
10	1935453	6	Bearing	palier	Lager	mancal	cojinete
11	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

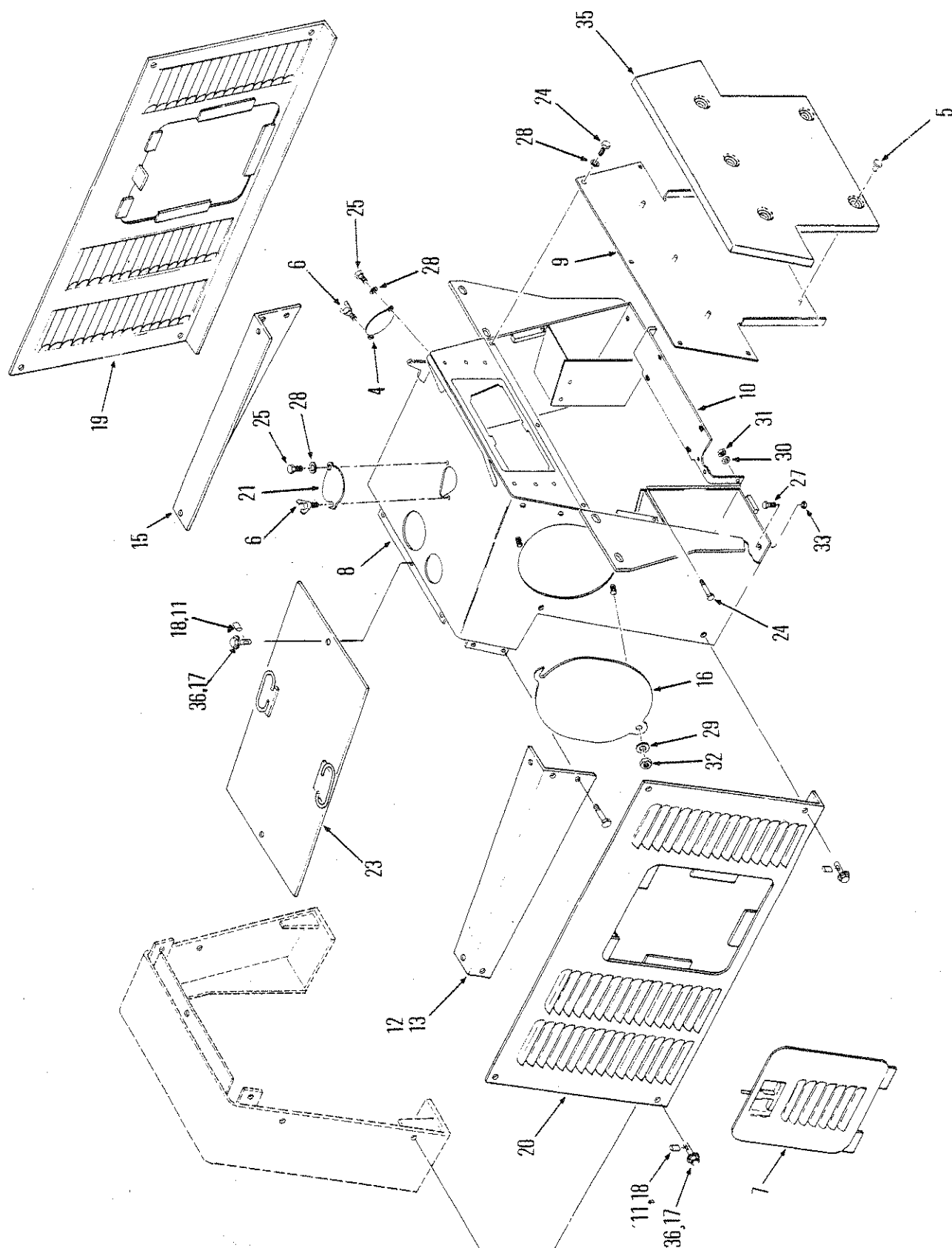
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	224106	4	Snap ring	circlips	Sperring	anel de trava	anillo de retención
2	586452	4	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
3	1574466	2	Bushing	chemise	Buchse	bucha	buje
4	1900168	2	Washer	rondelle	Scheibe	arruela	arandela
5	33C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
6	1901079	-	Washer	rondelle	Scheibe	arruela	arandela
7	1923960	2	Plate	plaque	Platte	placa	placa
8	1905398	-	Washer	rondelle	Scheibe	arruela	arandela
9	1905399	4	Washer	rondelle	Scheibe	arruela	arandela
10	1915205	4	Pin	goupille	Stift	pino	pasador
11	1915222	2	Pin	goupille	Stift	pino	pasador
12	1919071	1	Blade	lame	Schild	lâmina	cuchilla
13	10H000025	6	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

1 Ref RSG 189

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

542H-101-CAC→542H-9999-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	†1523210	1	Connector	raccord	Verbindungsstück	ligador	conector
2	†1900759	1	Cable	câble	Kabel	cabo	cable
3	†1930508	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
4	†1909215	1	Cover	couvercle	Deckel	tampa	tapa
5	1914284	5	Fastener	attache	Verschlu-	prendedor	abrazadera
6	1915267	2	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
7	1917331	2	Panel	panneau	Tafel	painel	panel
8	1918967	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
9	1918982	1	Panel	panneau	Tafel	painel	panel
10	1919706	1	Bracket	support	Winkel	grampo	grampa
11	327E000008	10	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
12	†1920372	1	Rail RH	rail CD	Schiene R	trilho LD	riel LD
13	†1920373	1	Rail LH	barre G	Geländer L	trilho LE	riel LI
14	†1920376	1	Cover	couvercle	Deckel	tampa	tapa
15	1920394	1	Rail RH	rail CD	Schiene R	trilho LD	riel LD
16	1930797	1	Cover	couvercle	Deckel	tampa	tapa
17	1921690	10	Stud	goujon	Stift	prisioneiro	espárrago
18	1921691	10	Pin	goupille	Stift	pino	pasador
19	1921810	1	Side panel RH	panneau latéral D	Seitenblech R	painel lateral LD	panel lateral LD
20	1921958	1	Side panel LH	panneau latéral G	Seitenblech L	painel lateral LE	panel lateral LI
21	1923490	1	Cover	couvercle	Deckel	tampa	tapa
22	†1923914	1	Insulation	isolation	Isolierung	isolamento	aislación
23	1924035	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
24	17C000616	10	Bolt	boulon	Bolzen	parafuso	bulón
25	17C000620	2	Bolt	boulon	Bolzen	parafuso	bulón
26	†17C000824	10	Bolt	boulon	Bolzen	parafuso	bulón
27	17C001032	4	Bolt	boulon	Bolzen	parafuso	bulón
28	27E000006	9	Washer	rondelle	Scheibe	arruela	arandela
29	†27E000008	12	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
30	57E000006	3	Washer	rondelle	Scheibe	arruela	arandela
31	85D000006	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
32	85D000008	12	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
33	85D000010	4	Nut	écrou	Mutter	porca	tuerca
34	†85G000806	1	Screw	vis	Schraube	parafuso	tornillo
35	Q-----	1	Insulation	isolation	Isolierung	isolamento	aislación
36	33C000816	10	Bolt	boulon	Bolzen	parafuso	bulón

¹ GM

² CUM

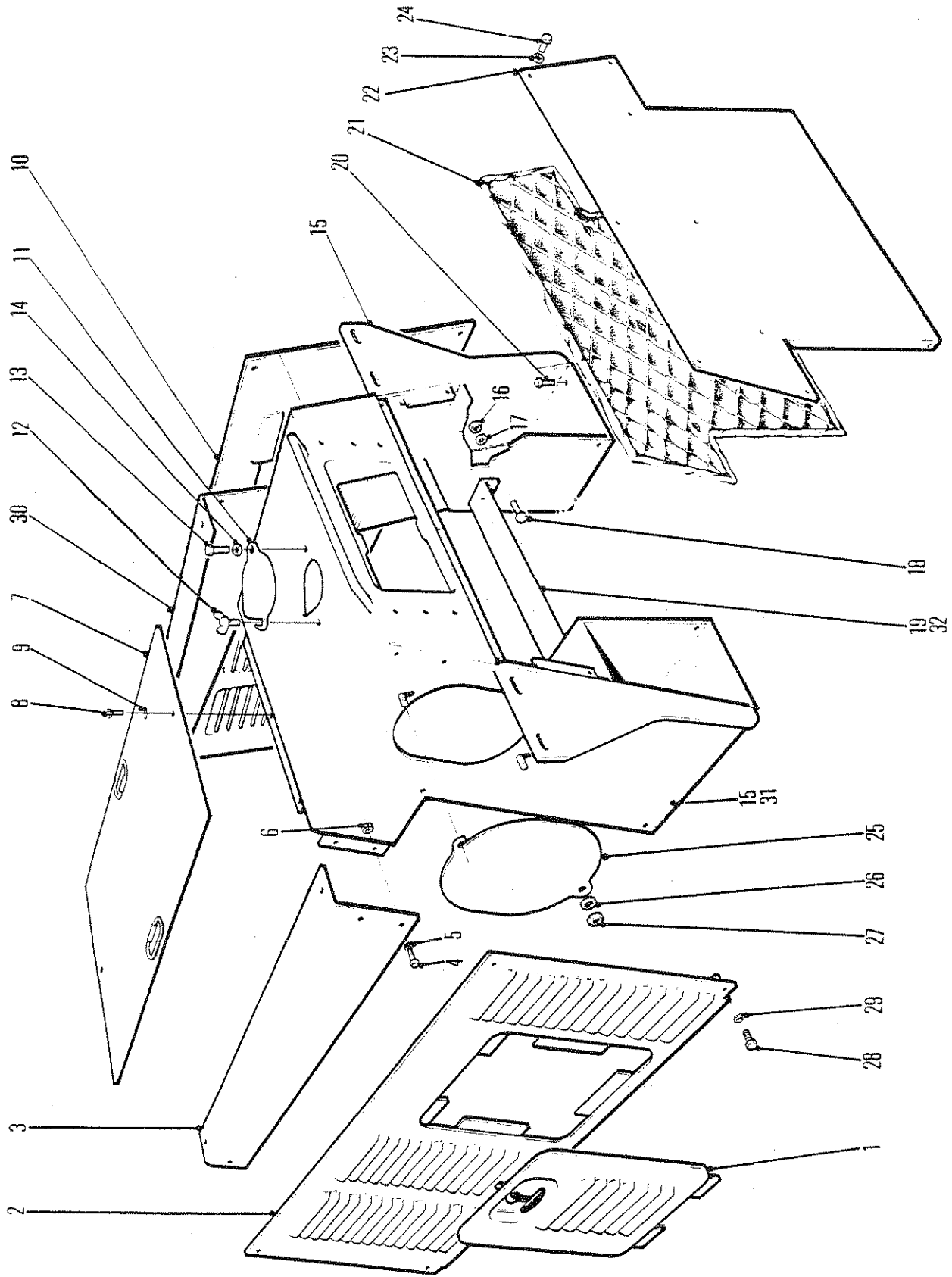
³ □515H-406-CAC&→, 500H-406-CAC&→, 513H-406-CAC&→

⁴ □513H-101→1120-CAC, 500H-101→735-CAC, 515H-101→920-CAC

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC



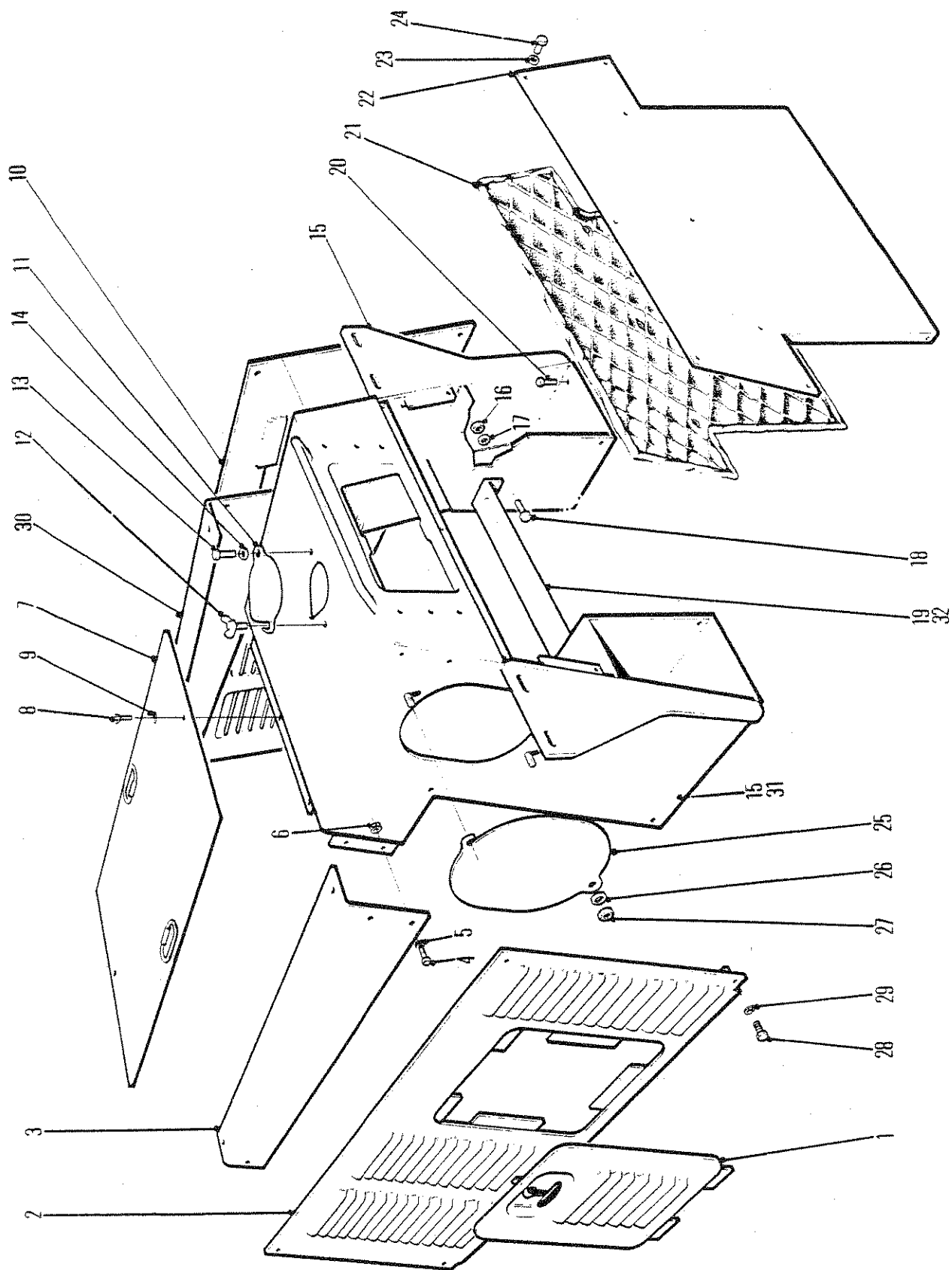
FIREWALL ASSEMBLY
CLOISON PARE-FEU
BRANDWAND-AUFBAU
CONJUNTO DO PÁRA-FOGO
CONJUNTO DEL CONTRAFUEGOS

RANGER

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1917331	2	Panel	panneau	Tafel	painel	panel
2	1921958	1	Panel LH	panneau CG	Tafel L	painel esq	panel lado izq
3	1920373	1	Rail assy LH	assemblage du rail G	Schieneneneinheit L	conj do trilho LE	conjunto riel LI
4	17C000824	10	Bolt	boulon	Bolzen	parafuso	bulón
5	27E000008	10	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	59D000008	10	Nut	écrou	Mutter	porca	tuerca
7	1924035	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
8	33C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	1921810	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
11	1923490	1	Cover	couvercle	Deckel	tampa	tapa
12	1915267	1	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
13	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
15	1918967	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
16	59D000006	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
17	27E000006	3	Washer	rondelle	Scheibe	arruela	arandela
18	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
19	1919706	1	Bracket	support	Winkel	grampo	grampa
20	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
21	1923914	1	Insulation	isolation	Isolierung	isolamento	aislación
22	1918982	1	Panel assy	panneau ens	Tafel vollst	painel conj	panel conj
23	27E000006	7	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
24	17C000616	7	Bolt	boulon	Bolzen	parafuso	bulón
25	1930797	1	Cover	couvercle	Deckel	tampa	tapa
26	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
27	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
28	33C000816	8	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
30	1920394	1	Rail assy RH	assemblage du rail D	Schieneneneinheit R	conj do trilho LD	conjunto riel LD
31	1931625	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
32	1931020	1	Bracket	support	Winkel	grampo	grampa

1 542H-101 → 732-CAC

2 513H-3351 → 9999-CAC, 542H-733-CAC & →

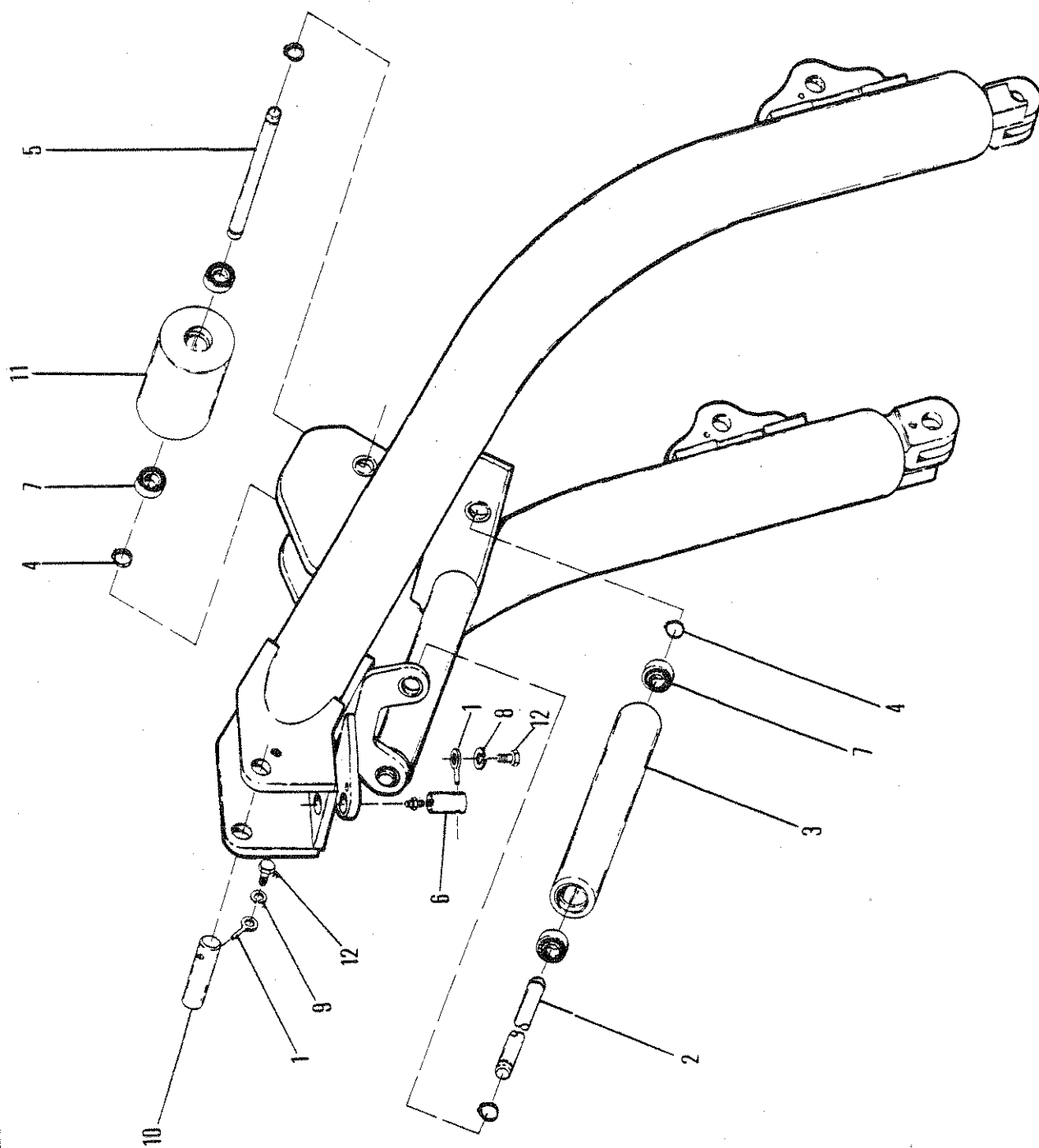


FIREWALL ASSEMBLY
CLOISON PARE-FEU
BRANDWAND-AUFBAU
CONJUNTO DO PÁRA-FOGO
CONJUNTO DEL CONTRAFUEGOS

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1917331	2	Panel	panneau	Tafel	painel	panel
2	1921958	1	Panel LH	panneau CG	Tafel L	painel esq	panel lado izq
3	1920373	1	Rail assy LH	assemblage du rail G	Schieneneneinheit L	conj do trilho LE	conjunto riel LI
4	17C000824	10	Bolt	boulon	Bolzen	parafuso	bulón
5	27E000008	10	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
6	59D000008	10	Nut	écrou	Mutter	porca	tuerca
7	1924035	1	Top panel	panneau supérieur	Deckplatte	painel superior	panel superior
8	33C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	1921810	1	Panel RH	panneau CD	Tafel R	painel dir	panel lado der
11	1923490	1	Cover	couvercle	Deckel	tampa	tapa
12	1915267	1	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de oreilha	tornillo de mano
13	17C000620	1	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000006	1	Washer	rondelle	Scheibe	arruela	arandela
15	1918967	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
16	59D000006	3	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
17	27E000006	3	Washer	rondelle	Scheibe	arruela	arandela
18	17C000616	3	Bolt	boulon	Bolzen	parafuso	bulón
19	1919706	1	Bracket	support	Winkel	grampo	grampa
20	17C001028	4	Bolt	boulon	Bolzen	parafuso	bulón
21	1923914	1	Insulation	isolation	Isolierung	isolamento	aislación
22	1918982	1	Panel assy	panneau ens	Tafel vollst	painel conj	panel conj
23	27E000006	7	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
24	17C000616	7	Bolt	boulon	Bolzen	parafuso	bulón
25	1930797	1	Cover	couvercle	Deckel	tampa	tapa
26	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
27	59D000008	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
28	33C000816	8	Bolt	boulon	Bolzen	parafuso	bulón
29	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
30	1920394	1	Rail assy RH	assemblage du rail D	Schieneneneinheit R	conj do trilho LD	conjunto rielLD
31	1931625	1	Firewall assy	ass du pare-feu	Brandschotteinheit	cj parede refrat	conj pared cotrfg
32	1931020	1	Bracket	support	Winkel	grampo	grampa

1 □542H-101→732-CAC

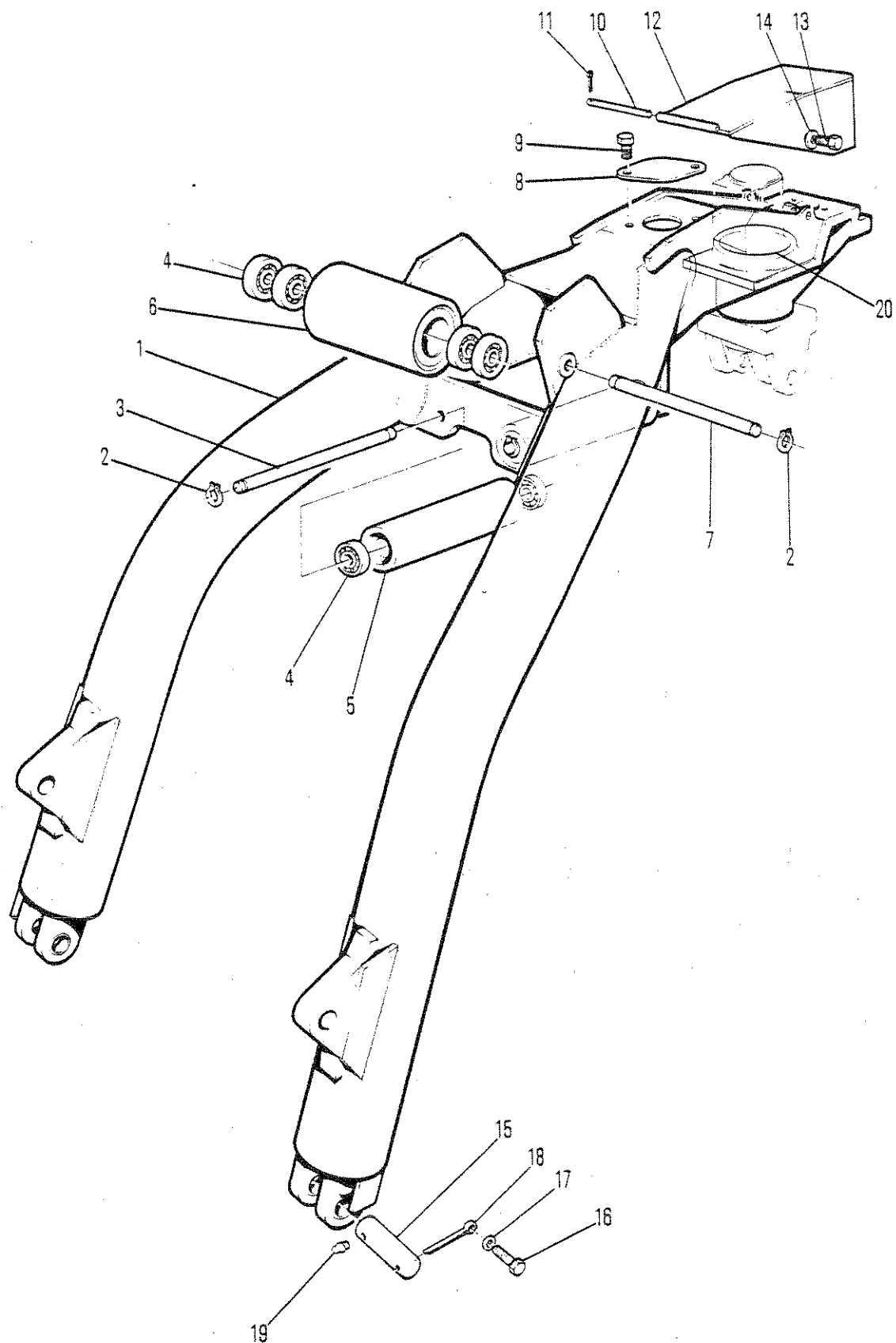
2 □513H-3351→9999-CAC, 542H-733-CAC&→



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927079	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
1	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
2	1900194	2	Shaft	arbre	Welle	ávore	árbol
3	1901550	2	Roller	galet	Rolle	rolete	rodillo
4	1902877	6	Ring	anneau	Ring	anel	anillo
5	1905646	1	Shaft	arbre	Welle	ávore	árbol
6	1907252	1	Pin	goupille	Stift	pino	pasador
7	1908365	8	Bearing	palier	Lager	mancal	cojinete
8	24E000008	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
9	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
10	1916441	1	Pin	goupille	Stift	pino	pasador
11	1923628	1	Roller	galet	Rolle	rolete	rodillo
12	17C000820	2	Bolt	boulon	Bolzen	parafuso	bulón

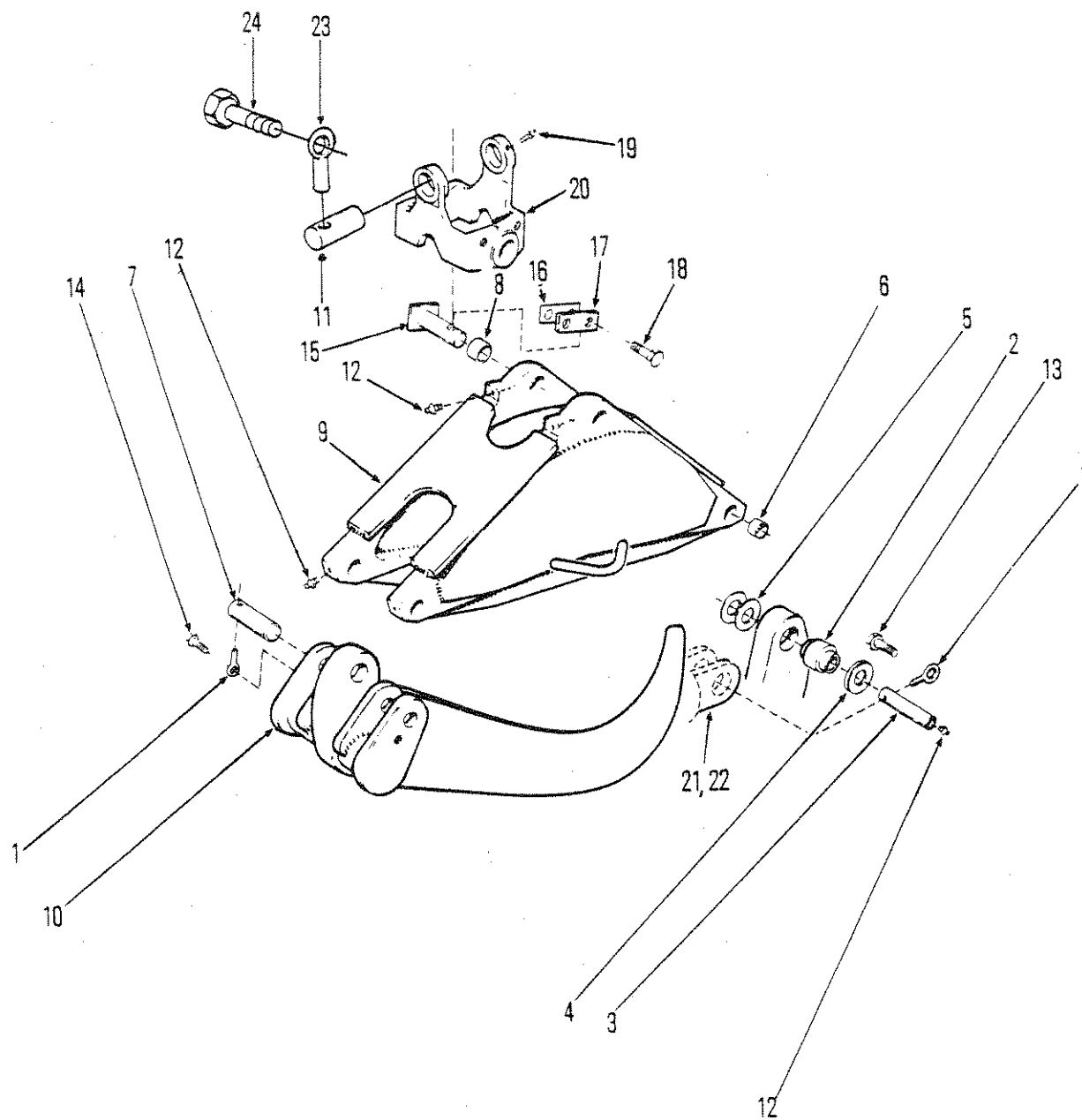
RANGER



6083TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1928873	1	Arch assy	assemblage d'arche	Bogeneinheit	conjunto do arco	conjunto do arco
2	1902877	4	Retaining ring	bague d'arrêt	Haltering	anel retentor	anillo de retención
3	1900194	2	Shaft	arbre	Welle	ávore	árbol
4	1908365	4	Bearing	palier	Lager	mancal	cojinete
5	1901550	2	Roller	galet	Rolle	rolete	rodillo
6	1923628	1	Roller	galet	Rolle	rolete	rodillo
7	1905646	1	Shaft	arbre	Welle	ávore	árbol
8	1928753	1	Plate	plaque	Platte	placa	placa
9	17C000612	2	Bolt	bouion	Bolzen	parafuso	bulón
10	1928874	1	Bar	barre	Stange	barra	barra
11	1F000416	2	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
12	1928805	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
13	17C000616	2	Bolt	bouion	Bolzen	parafuso	bulón
14	25E000018	2	Washer	rondelle	Scheibe	arruela	arandela
15	33C000820	2	Bolt	bouion	Bolzen	parafuso	bulón
16	27E000008	2	Washer	rondelle	Scheibe	arruela	arandela
17	586452	2	Lock pin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
18	16F000002	2	Plug	bouchon	Stopfen	bujão	tapón
19	1903262	2	Pin	goupille	Stift	pino	pasador
20	1936272	1	Housing	botier	Gehuse	carçaça	carcasa



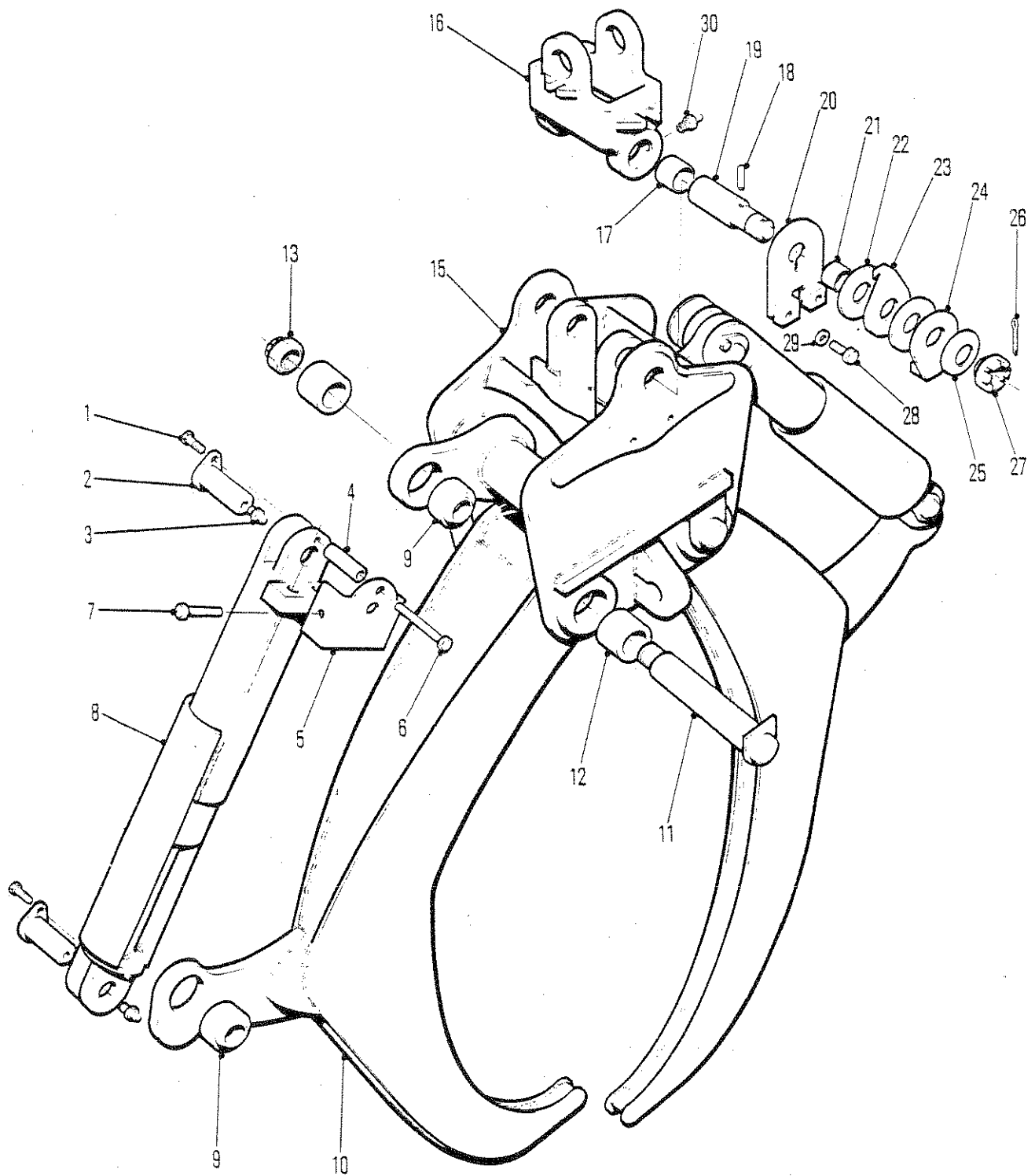
5613TP

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	Boizen	parafuso	bulón
14	33C000816	4	Bolt	boulon	Boizen	parafuso	bulón
15	1907838	2	Pin	goupille	Stift	pino	pasador
16	‡1907842	-	Shim	cale	Beilage	calço	planchita
17	1907841	2	Lockplate	plaque darrèt	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	Boizen	parafuso	bulón

¹ Ref E1 13000

² Ref E1 13050



6481TP

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

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

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

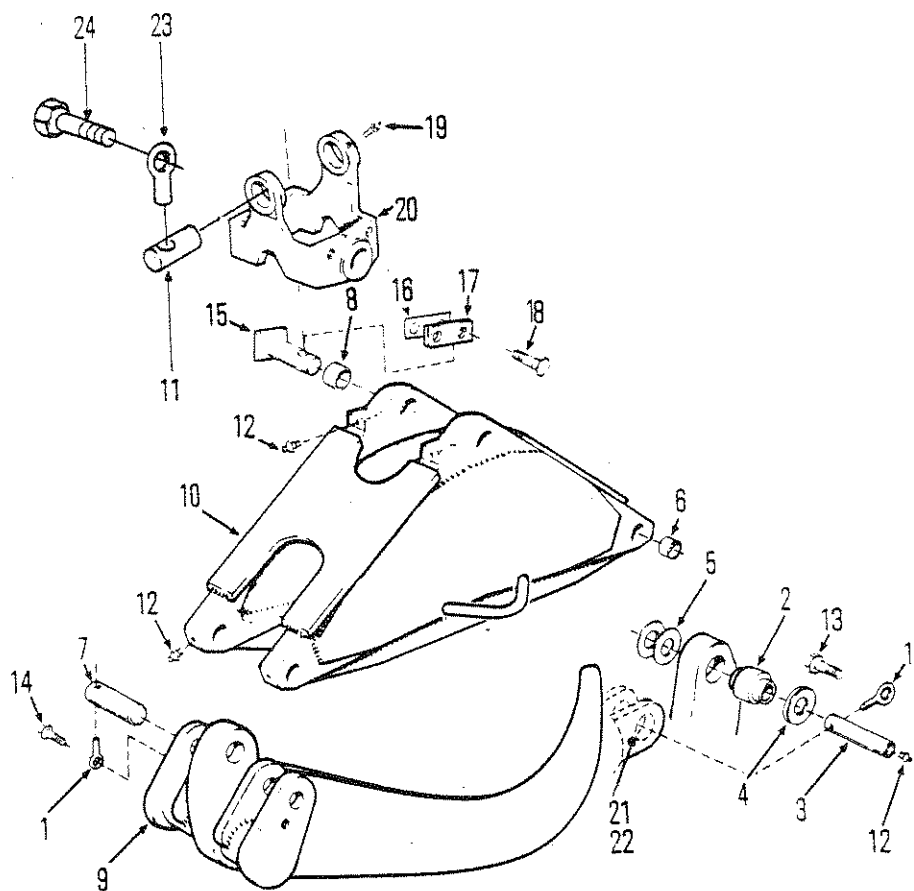
¹ La chape 1935435 a un alésage de 2.25" de dia. Remplacez par la chape 1937495 et le manchon 1937484.

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

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

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

² Ref. S.B. Group 965, No. 07, 9/86.



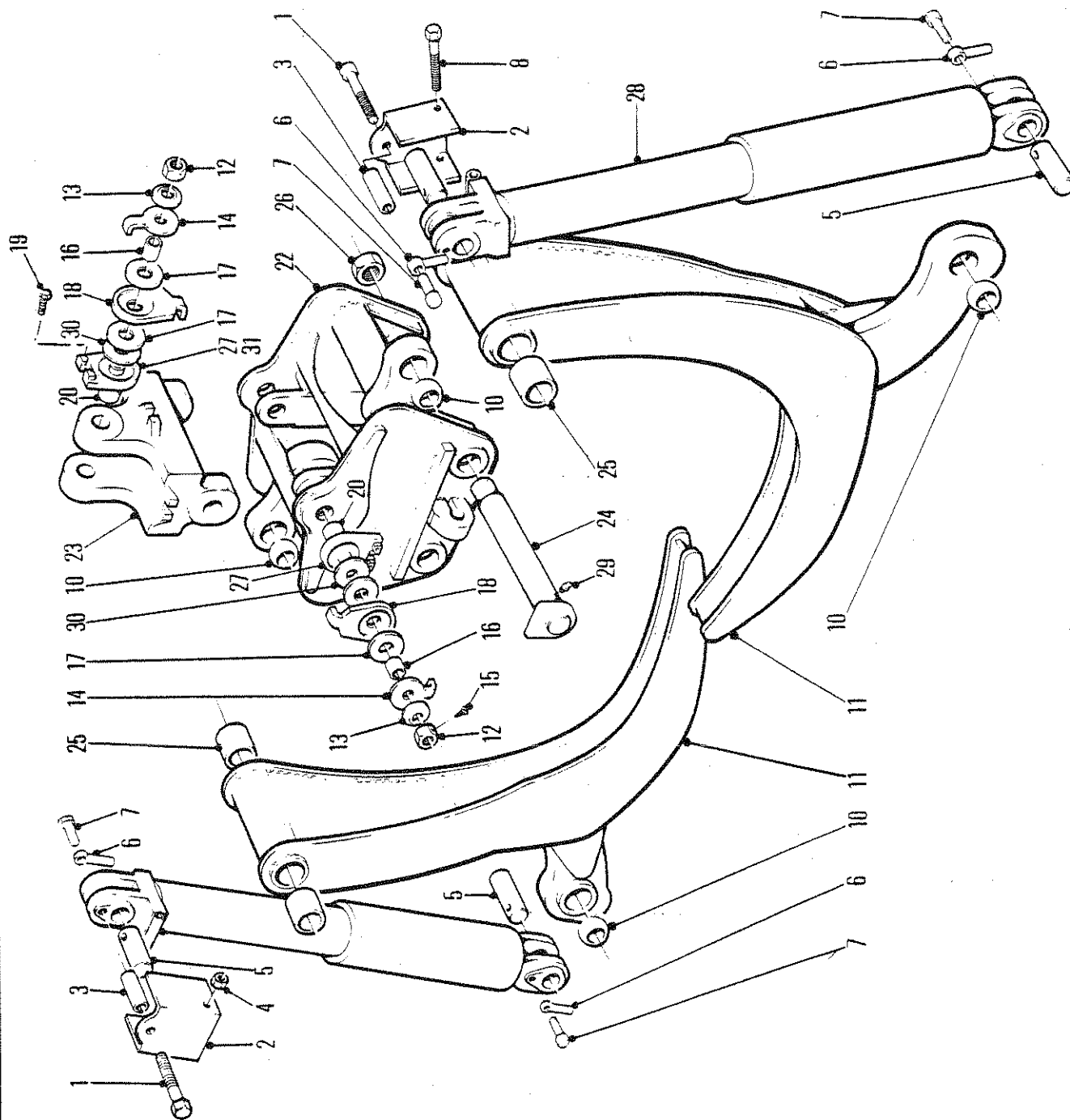
5612TP

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 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	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	33C000820	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



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	33C000872	2	Bolt	boulon	Bolzen	parafuso	bulón
2	1928021	2	Cover	couvercle	Deckel	tampa	tapa
3	1928019	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
4	59D000008	2	Nut	écrou	Mutter	porca	tuerca
5	1903262	4	Pin	goupille	Stift	pino	pasador
6	586452	4	Pin	goupille	Stift	pino	pasador
7	33C000820	4	Bolt	boulon	Bolzen	parafuso	bulón
8	17C008104	2	Bolt	boulon	Bolzen	parafuso	bulón
9	†10H000025	4	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
10	1573309	4	Bushing	chemise	Buchse	bucha	buje
11	1935140	2	Arm	bras	Arm	braço	brazo
12	1929945	4	Nut	écrou	Mutter	porca	tuerca
13	1934011	4	Spring	ressort	Feder	mola	resorte
14	1935801	4	Plate-outer	plaque-externe	Blech-äusseres	placa-exterior	chapa-exterior
15	1300498	4	Screw	vis	Schraube	parafuso	tornillo
16	21930501	4	Bushing	chemise	Buchse	bucha	buje
17	21935046	8	Disc	disque	Scheibe	disco	disco
18	1935800	4	Plate-inner	plaque-interne	Blech-innere	placa-interior	chapa-interior
19	33C000828	8	Bolt	boulon	Bolzen	parafuso	bulón
20	21905507	4	Bushing	chemise	Buchse	bucha	buje
21	†10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
22	1930554	1	Box	bote	Kasten	caixa	caja
23	1-----	1	Yoke	chape	Joch	garfo	horqueta
24	1927298	4	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador
25	1928727	4	Bushing	chemise	Buchse	bucha	buje
26	595096	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
27	21935816	4	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador
28	0-----	2	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
29	12H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
30	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
31	31935829	2	Pin assy	ass de la goupille	Stifteinheit	conj do pino	disp del pasador

¹ Ref RSG 313. See Group B6 10015 for service replacement.

¹ Ref RSG 313. Voir groupe B6 10015 pour le remplacement.

¹ Ref RSG 313. Siehe Gruppe B6 10015 für den Ersatz.

¹ Ref RSG 313. Veja grupo B6 10015 para serviço de substituição.

¹ Ref RSG 313. Para el reemplazo de servicio, ver grupo B6 10015.

² Ref RSG 304.

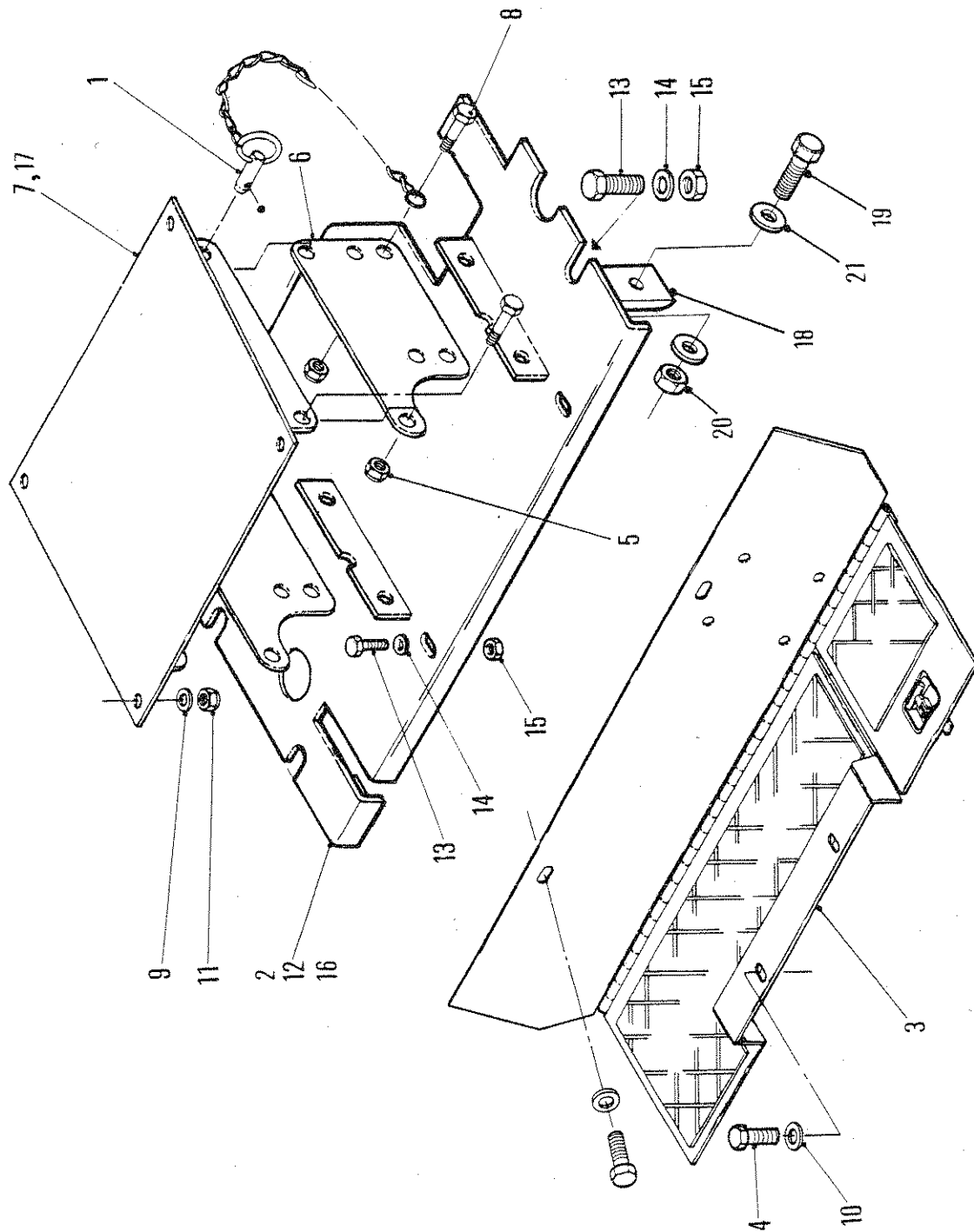
³ If the mainshaft only is to be replaced, see Group E2 70100. Use 2-1935829 Pin Assemblies, 4-33C000828 Bolts & 4-27E000008 Washers, instead of 1935816 Pin Assembly & 4-95G000828 Capscrews, on upper snubber assembly only.

³ S'il s'agit de remplacer uniquement l'arbre principal, voir groupe E2 70100. Utiliser 2 goupilles 1935829, 4 boulons 33C000828 et 4 rondelles 27E000008 au lieu de l'ensemble goupille 1935816 et 4 bouchons à vis 95G000828 sur l'ensemble amortisseur supérieur.

³ Wenn nur die Hauptwelle zu ersetzen ist, siehe Gruppe E2 70100. Man benutze 2 Stifte 1935829, 4 Bolzen 33C000828 u. 4 Dichtungen 27E000008 anstelle des Stifts 1935816 und 4 Kopfschrauben 95G000828 auf dem Reibungsschlagdämpfer.

³ Si sólo o eixo principal tem que ser substituído, veja o grupo E2 70100. Use dois conjuntos do pino 1935829, quatro parafusos 33C000828 e quatro arruelas 27E000008, em vez do conjunto de pino 1935816 e quatro parafusos de cabeça 95G000828, só no conjunto de amortecedor superior.

³ Si sólo se debe reemplazar el árbol principal, vea el grupo E2 70100. Use 2 dispositivos de pasador 1935829, 4 bulones 33C000828 y 4 arandela 27E000008, en lugar del dispositivo de pasador 1935816 y 4 tornillos de presión 95G000828, en el conjunto de casquillo superior solamente.



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

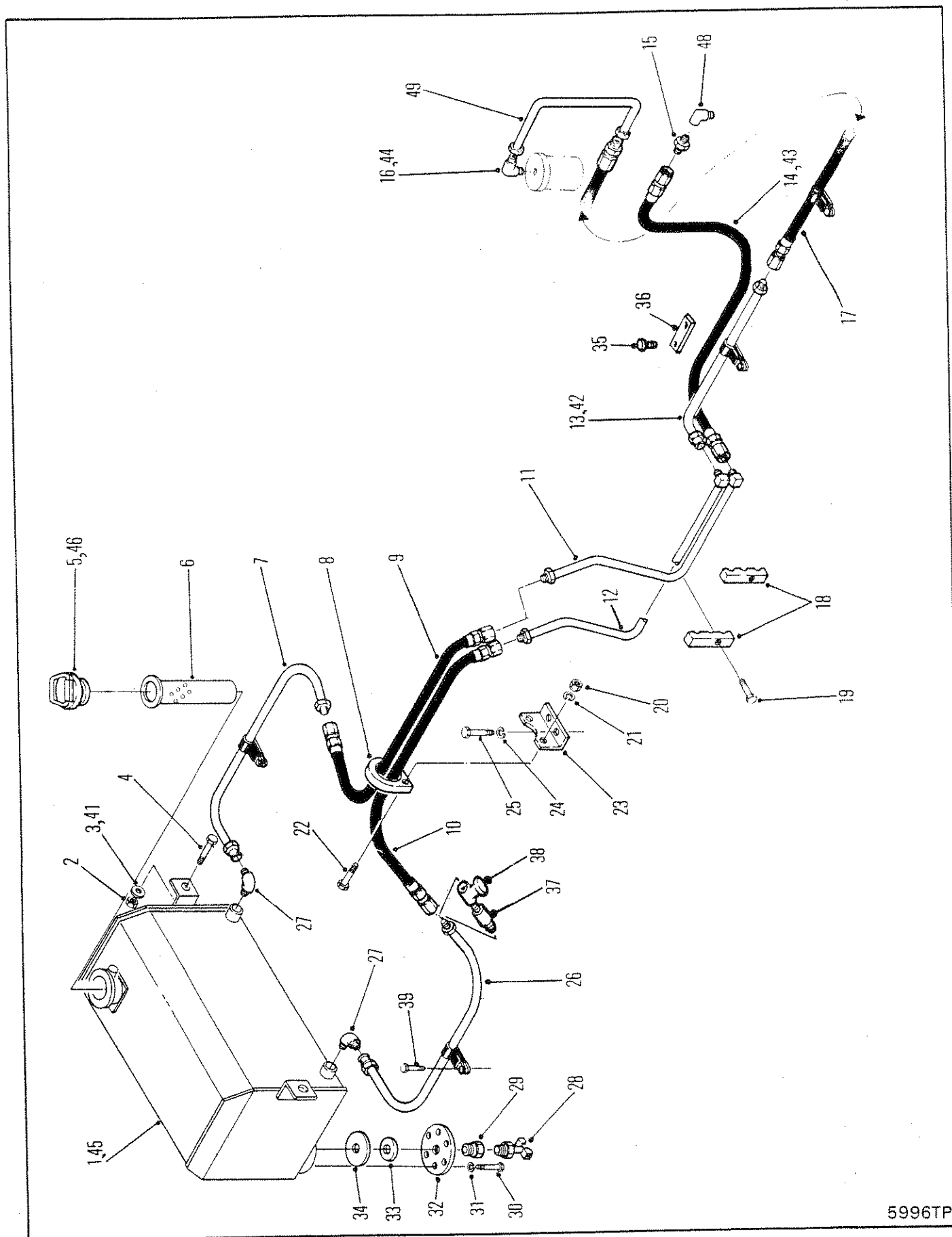
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1909699	2	Faspin	faspin	Faspin	pino prend	horq
2	1932263	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
3	1921645	4	Floor assy	ens plancher	Boden vollst	piso conj	piso conj
4	33C000612	4	Bolt	boulon	Bolzen	parafuso	bulón
5	59D000008	6	Nut	écrou	Mutter	porca	tuerca
6	1924165	2	Seat support	support siège	Sitzabstützung	suporte assento	soporte asiento
7	1924168	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
8	17C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
9	25E000016	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	27E000006	4	Washer	rondelle	Scheibe	arruela	arandela
11	59D000005	4	Nut	écrou	Mutter	porca	tuerca
12	1922132	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
13	17C000824	6	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000008	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	59D000008	6	Nut	écrou	Mutter	porca	tuerca
16	1924067	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
17	1913569	1	Plate seat	siège de la plaque	Plattensitz	assento da chapa	asiento placa
18	1930606	2	Angle	angle	Winkel	ângulo	angulo
19	17C001036	2	Bolt	boulon	Bolzen	parafuso	bulón
20	59D000010	2	Nut	écrou	Mutter	porca	tuerca
21	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela

1 □542H-101-CAC&→

2 □500H-101→9999-CAC, 513H-101→9999-CAC, 542H-101→9999-CAC

3 □500H-101→9999-CAC, 513H-101→9999-CAC

4 □515H-101→9999-CAC



5996TP

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	1922200	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
2	59D000010	2	Nut	écrou	Mutter	porca	tuerca
3	664871	2	Pad	tampon	Polster	almofada	almohadilla
4	17C001032	2	Bolt	boulon	Bolzen	parafuso	bulón
5	51558644	1	Cap	chapeau	Kappe	tampa	tapa
6	943957	1	Strainer	tamis	Sieb	coador	tamiz
7	1929134	1	Tube	tube	Rohr	tubo	tubo
8	1907507	1	Guide	guide	Führungsstück	guia	guía
9	1923491	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1925396	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1923203	1	Return tube	conduite daspiration	Ansaugrohr	tubo de retorno	tubo de retorno
12	1923202	1	Suction tube	tube aspiration	Einsaugrohr	tubo sucção	tubo aspiración
13	1923201	1	Tube	tube	Rohr	tubo	tubo
14	1922210	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
15	1905687	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
16	83F000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	1923492	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1917948	1	Bracket	support	Winkel	grampo	grampa
19	33C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
20	59D000008	2	Nut	écrou	Mutter	porca	tuerca
21	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
22	33C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
23	1915566	1	Bracket	support	Winkel	grampo	grampa
24	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
25	17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
26	1929135	1	Tube	tube	Rohr	tubo	tubo
27	83F000007	2	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
28	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
29	356622	1	Reducer	réducteur	Reduzierstück	reductor	reductor
30	34C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
31	27E000006	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
32	587613	1	Cover	couvercle	Deckel	tampa	tapa
33	525293	1	Magnet	aimant	Magnet	ímã	imán
34	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
35	34C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
36	1923316	2	Block	bloc	Block	bloco	bloque
37	74K000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
38	358394	1	Valve	soupape	Ventil	válvula	válvula
39	33C001032	1	Bolt	boulon	Bolzen	parafuso	bulón
40	4+1932051	2	Spacer	entretoise	Distanzteil	espaçador	espaciador

1 □ 664GM, 666GM, 664GM GR, 666GM GR

2 □ 666CUM

3 □ 664GM GR, 666GM GR

4 □ 514H-1935-CAC&→, 508H-212-CAC&→, 513H-3136-CAC&→, 500H-2446-CAC&→, 515H-2446-CAC&→, 542H-622-CAC&→

5 □ Cable

5 □ Câble

5 □ Kabel

5 □ Cabo

5 □ Cable

6 □ Grapple

6 □ Grappin

6 □ Greifer

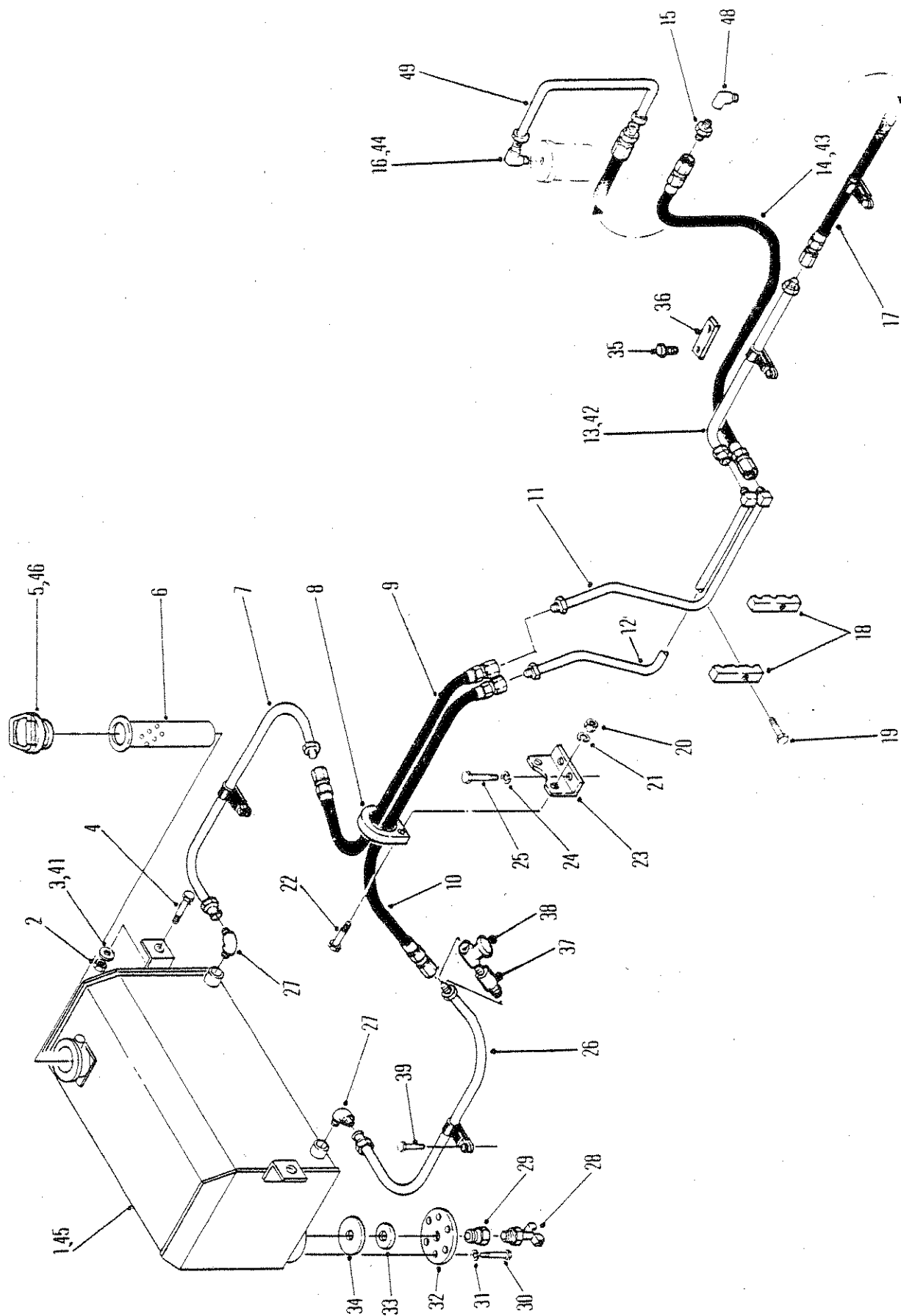
6 □ Garra

6 □ Gancho de agarre

666CUM
666GM
666GMGR

500H-101-CAC&→500H-9999-CAC
513H-101-CAC&→513H-9999-CAC
515H-101-CAC&→515H-9999-CAC

526H-101-CAC&→526H-9999-CAC



5996TP

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
41	227E000010	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
42	21924422	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
43	21924423	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
44	217K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
45	31926835	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
46	61919500	1	Cap	chapeau	Kappe	tampa	tapa
47	4118C000640	2	Bolt	boulon	Bolzen	parafuso	bulón
48	12K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
49	41932108	1	Hose	tuyau flexible	Schlauch	mangueira	manguera

1 ☐ 664GM, 666GM, 664GM GR, 666GM GR

2 ☐ 666CUM

3 ☐ 664GM GR, 666GM GR

4 ☐ 514H-1935-CAC&→, 508H-212-CAC&→, 513H-3136-CAC&→, 500H-2446-CAC&→, 515H-2446-CAC&→, 542H-622-CAC&→

5 ☐ Cable

5 ☐ Câble

5 ☐ Kabel

5 ☐ Cabo

5 ☐ Cable

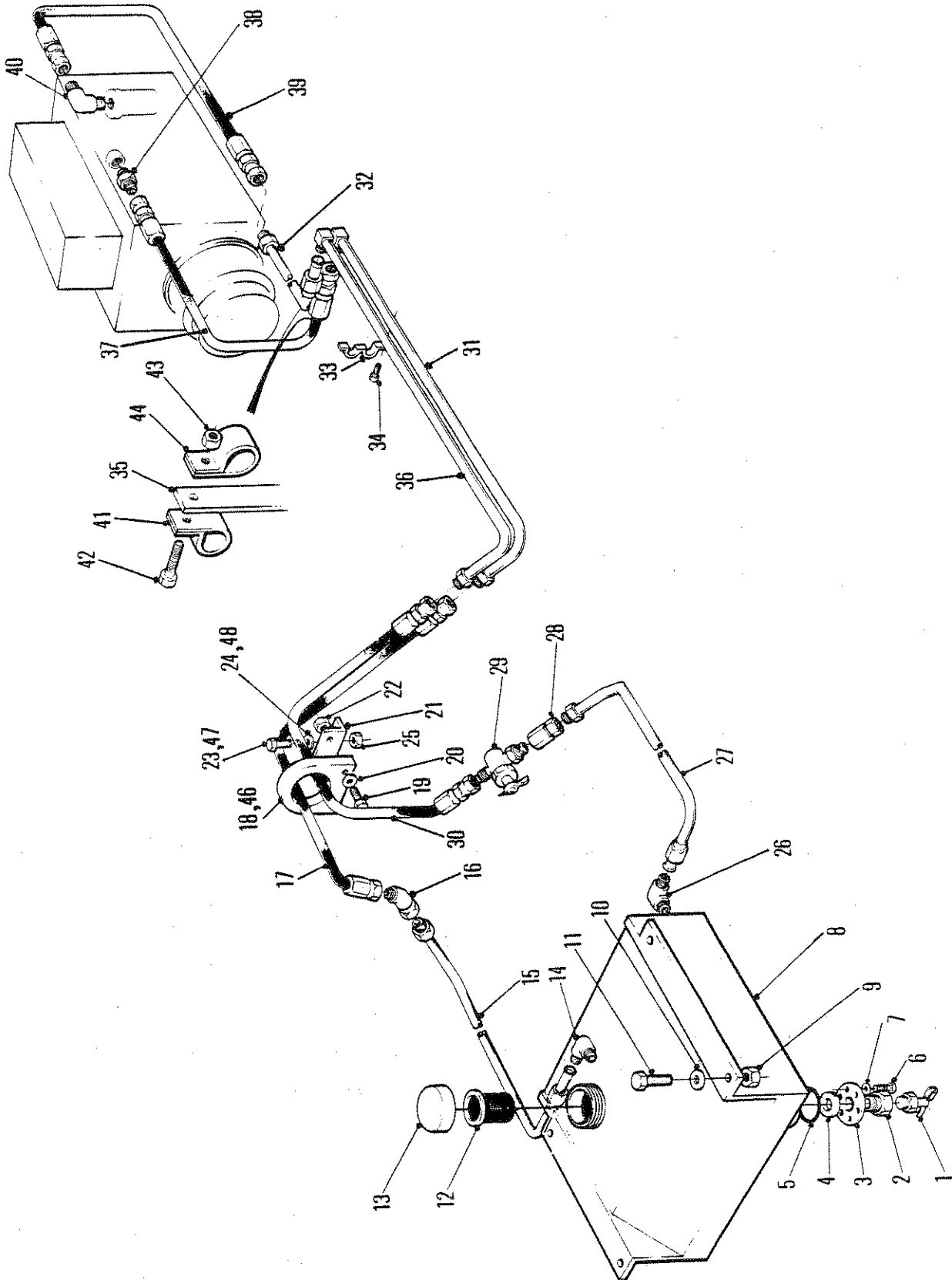
6 ☐ Grapple

6 ☐ Grappin

6 ☐ Greifer

6 ☐ Garra

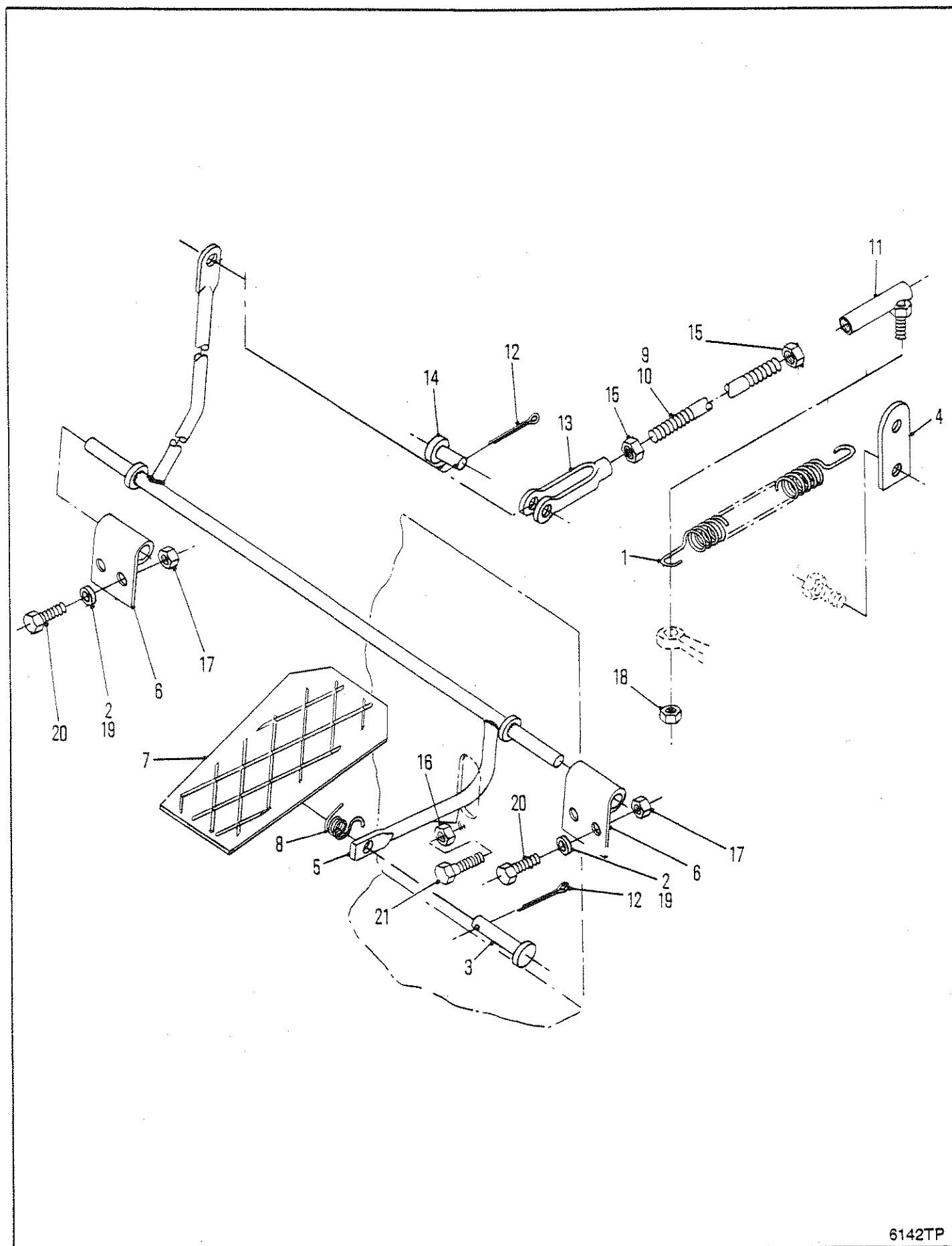
6 ☐ Gancho de agarre



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	72F000004	1	Draincock	robinet vidange	Abflusshahn	torneira purga	grifo purga
2	356622	1	Reducer	réducteur	Reduzierstück	reductor	reductor
3	587613	1	Cover	couvercle	Deckel	tampa	tapa
4	525293	1	Magnet	aimant	Magnet	imã	imán
5	25K040428	1	O-ring	joint torique	O Ring	anel-O	anillo-O
6	34C000612	6	Bolt	boulon	Bolzen	parafuso	bulón
7	27E000006	6	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
8	1928462	1	Fuel tank	réservoir carburant	Kraftstofftank	tanque combustível	tanque combustible
9	85D000012	4	Nut	écrou	Mutter	porca	tuerca
10	27E000012	4	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
11	17C001236	4	Bolt	boulon	Bolzen	parafuso	bulón
12	943957	1	Strainer	tamais	Sieb	coador	tamiz
13	1558644	1	Cap	chapeau	Kappe	tampa	tapa
14	83F000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
15	1929134	1	Tube	tube	Rohr	tubo	tubo
16	12K000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
17	1923491	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
18	1907507	1	Guard	protecteur	Schutz	proteção	protector
19	17C000840	2	Bolt	boulon	Bolzen	parafuso	bulón
20	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
21	1915566	1	Bracket	support	Winkel	grampo	grampa
22	85D000008	2	Nut	écrou	Mutter	porca	tuerca
23	33C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
24	27E000008	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
25	85D000008	2	Nut	écrou	Mutter	porca	tuerca
26	83F000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	1929135	1	Tube	tube	Rohr	tubo	tubo
28	74K000003	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
29	358394	1	Valve	soupape	Ventil	válvula	válvula
30	1925396	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
31	1923202	1	Tube	tube	Rohr	tubo	tubo
32	1923201	1	Tube	tube	Rohr	tubo	tubo
33	1923316	2	Clip	attache	Schelle	braçadeira	abrazadera
34	34C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
35	1917948	1	Bracket	support	Winkel	grampo	grampa
36	1923203	1	Tube	tube	Rohr	tubo	tubo
37	1922210	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
38	1905687	1	Adapter	adaptateur	Zwischenstück	adaptador	adaptador
39	1923492	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
40	83F000005	1	Elbow	coude	Winkelrohr	cotovêlo	codo
41	30H000050	1	Clip	attache	Schelle	braçadeira	abrazadera
42	18C000616	1	Bolt	boulon	Bolzen	parafuso	bulón
43	86D000006	1	Nut	écrou	Mutter	porca	tuerca
44	30H000038	1	Clip	attache	Schelle	braçadeira	abrazadera
45	+1539058	1	Cable tie	lien cables	Kabelband	liame cabos	atadura cables
46	1931691	1	Bracket assy	ens support	Winkel vollst	conj soporte	conj soporte
47	33C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
48	27E000006	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana

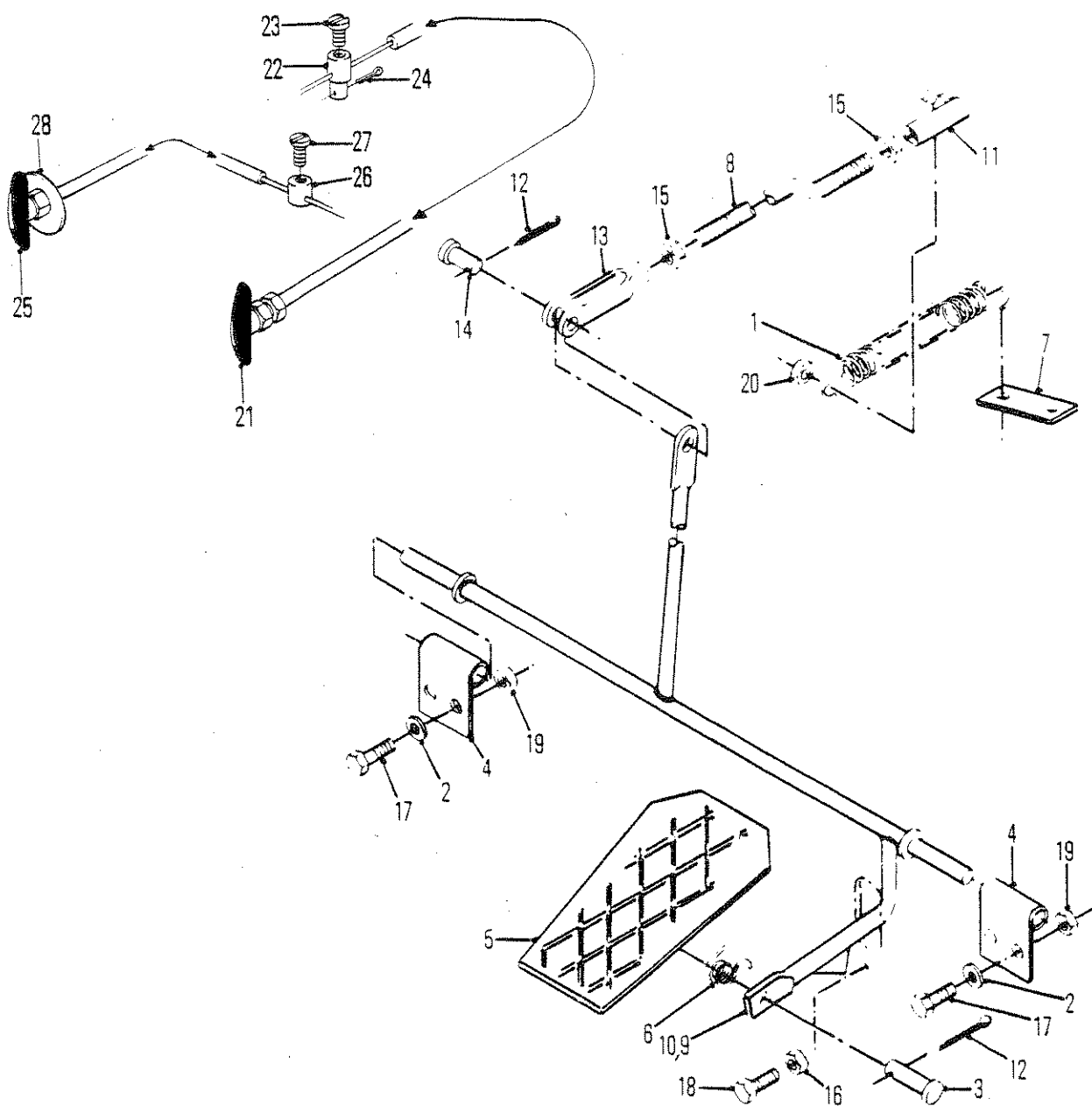
1 □ 542H-622-CAC&→



6142TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	551090	1	Spring	ressort	Feder	moia	resorte
2	☒1930580	1	Bracket	support	Winkel	grampo	grampa
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	moia	resorte
9	☒1523210	1	Connector	raccord	Verbindungsstück	ligador	conector
10	1902326	1	Rod	tige	Stange	varão	varilla
11	2520346	1	Ball joint	rotule	Kugelgelenk	articulação esf	articulación esf
12	1F000310	2	Pin	goupille	Stift	pino	pasador
13	2J005204	1	Clevis	étrier	Schkel	garfo	horquilla
14	4F005062	1	Pin	goupille	Stift	pino	pasador
15	8D000005	2	Nut	écrou	Mutter	porca	tuerca
16	8D000008	1	Nut	écrou	Mutter	porca	tuerca
17	60D000004	4	Nut	écrou	Mutter	porca	tuerca
18	18D000005	1	Nut	écrou	Mutter	porca	tuerca
19	☒85G000806	1	Screw	vis	Schraube	parafuso	tornillo
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



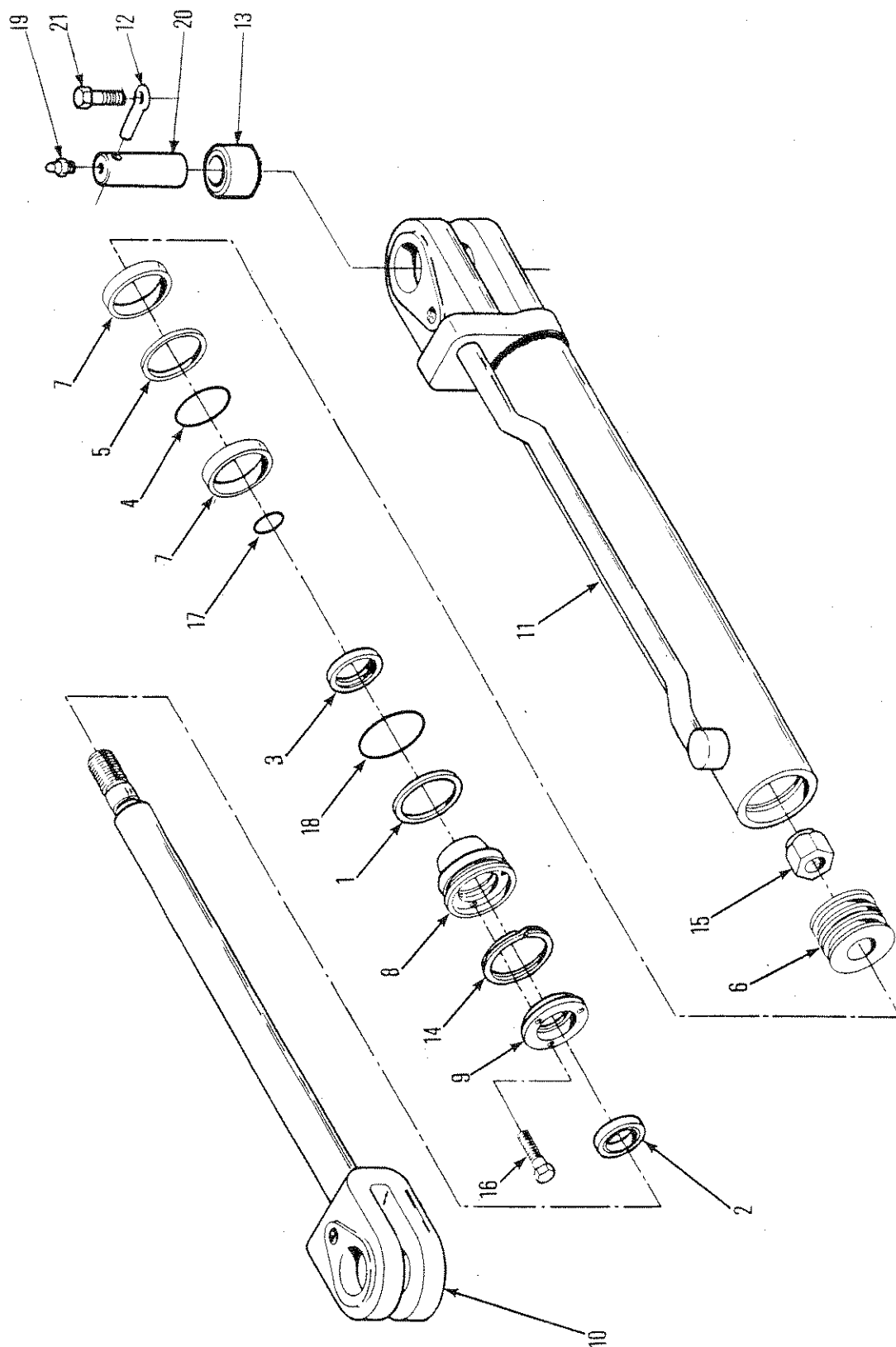
5657TP

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	619018	4	Washer	rondelle	Scheibe	arruela	arandela
3	894831	1	Pin	goupille	Stift	pino	pasador
4	1900875	2	Bracket	support	Winkel	grampo	grampa
5	1900876	1	Pedal	pédale	Pedal	pedal	pedal
6	1901081	1	Spring	ressort	Feder	mola	resorte
7	1902178	1	Lug	point de soudure	Ansatz	alça	orejo de soporte
8	1902314	1	Rod	tige	Stange	varão	varilla
9	1902315	1	Arm	bras	Arm	braço	brazo
10	1907881	1	Arm	bras	Arm	braço	brazo
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	18C000412	4	Bolt	boulon	Bolzen	parafuso	bulón
18	18C000832	1	Bolt	boulon	Bolzen	parafuso	bulón
19	18D000004	4	Nut	écrou	Mutter	porca	tuerca
20	18D000005	1	Nut	écrou	Mutter	porca	tuerca
21	21520193	1	Eng stop cable	cable arrêt moteur	Motorabsteilkabel	fio parada motor	cable parada motor
22	21523209	1	Connector	raccord	Verbindungsstück	ligador	conector
23	286G001008	1	Screw	vis	Schraube	parafuso	tornillo
24	21F0000208	1	Cotter pin	goupille fendue	Splint	contrapino	chaveta dos patos
25	21520190	1	Emgy stop cable	cable arrêt urgence	Notabsteilkabel	cabo parada emergn	cable parada emergn
26	21523210	1	Connector	raccord	Verbindungsstück	ligador	conector
27	285G000806	1	Screw	vis	Schraube	parafuso	tornillo
28	2531905	1	Plate	plaque	Platte	placa	placa

1 □ 500D-101 → 1222-CAC

2 □ 500E-101-CAC → 500F-9999-CAC



6108TP

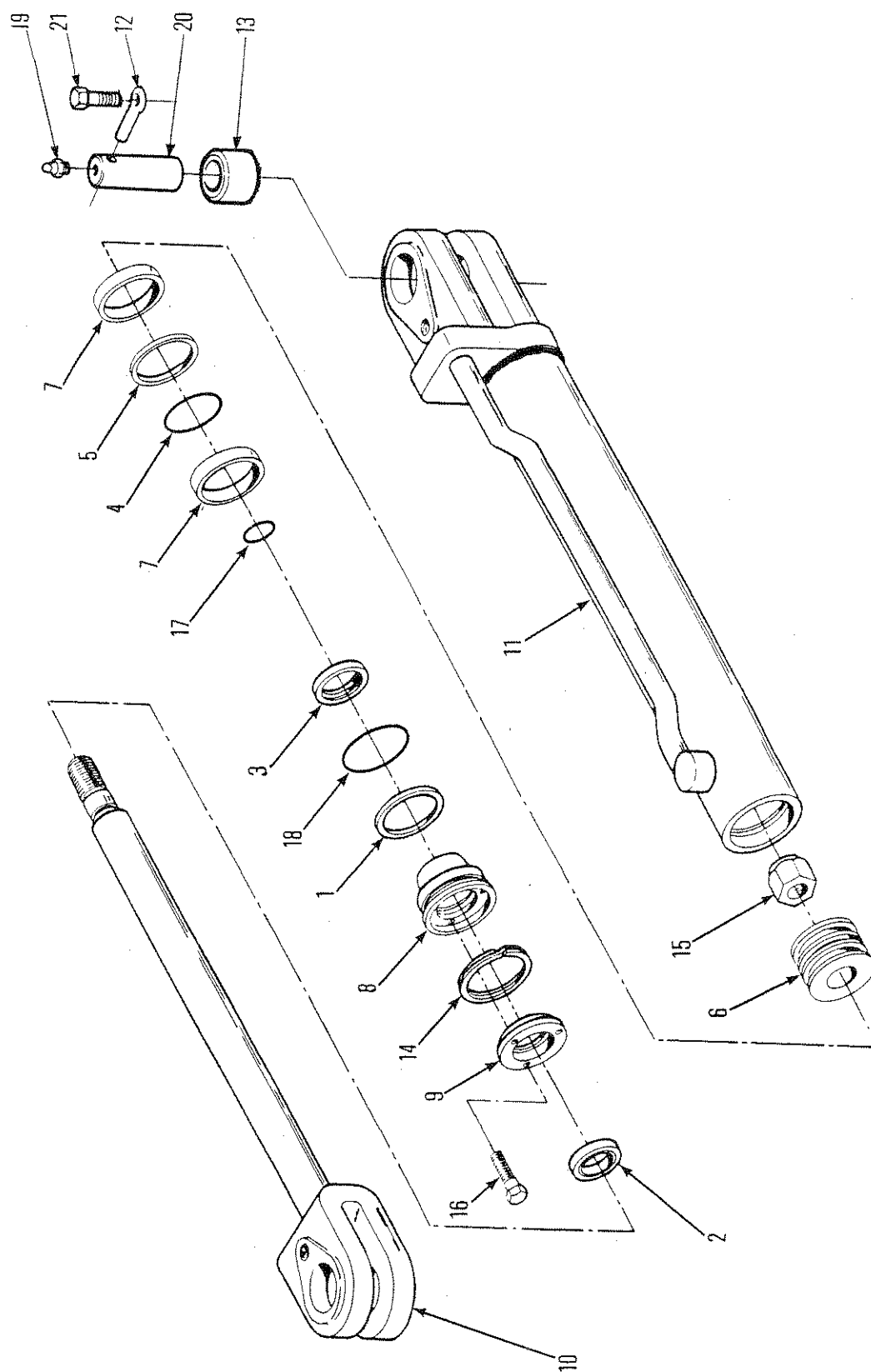
STEER & BLADE CYLINDER ASSEMBLY
ENSEMBLE CYLINDRE DIRECTION & LAME
ZYLINDEREINHEIT, STEUER & KLINGE
CONJUNTO DE CILINDRO, DIREÇÃO & LÂMINA
CONJUNTO DE CILINDRO DIRECCION & CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1904666	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
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&scraper	racleur&grattoir	Wischer&Kratzer	limpador e raspador	limpiador y mototrail
3	713678	1	Ring	anneau	Ring	anel	anillo
4	1503629	1	Ring inner	bague intérieure	Ring Innen-	anel interno	anillo interior
5	2553205	1	Ring outer	bague extérieure	Ring Aussen	anel externo	anillo exterior
6	1503639	1	Piston	piston	Kolben	pistão	pistón
7	1530264	2	Ring	anneau	Ring	anel	anillo
8	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
9	1902769	1	Ring	anneau	Ring	anel	anillo
10	1902786	1	Rod	tige	Stange	varão	varilla
11	1904665	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
12	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
13	1574466	2	Bushing	chemise	Buchse	bucha	buje
14	2506407	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
15	60D000020	1	Nut	écrou	Mutter	porca	tuerca
16	33C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
17	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
18	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
20	1915205	2	Pin	goupille	Stift	pino	pasador
21	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 21

² Inc 1 → 7, 14, 17 & 18

³ Ref S.B. Group 915, No. 18, 9/86.



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	¹ 1904666	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
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&scraper	racleur&grattoir	Wischer&Kratzer	limpador e raspador	limpiador y mototraill
3	713678	1	Ring	anneau	Ring	anel	anillo
4	1503629	1	Ring inner	bague intérieure	Ring Innen-	anel interno	anillo interior
5	2553205	1	Ring outer	bague extérieure	Ring Aussen	anel externo	anillo exterior
6	1503639	1	Piston	piston	Kolben	pistão	pistón
7	1530264	2	Ring	anneau	Ring	anel	anillo
8	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
9	1902769	1	Ring	anneau	Ring	anel	anillo
10	1902786	1	Rod	tige	Stange	varão	varilla
11	1904665	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
12	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
13	1574466	2	Bushing	chemise	Buchse	bucha	buje
14	2506407	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
15	60D000020	1	Nut	écrou	Mutter	porca	tuerca
16	33C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
17	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
18	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
20	1915205	2	Pin	goupille	Stift	pino	pasador
21	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 21

² Inc 1 → 7, 14, 17 & 18

³ Ref S.B. Group 915, No. 18, 9/86.

666CUM
666GM
666GMGR

500H-101-CAC → 500H-9999-CAC
513H-101-CAC → 513H-9999-CAC
515H-101-CAC → 515H-9999-CAC

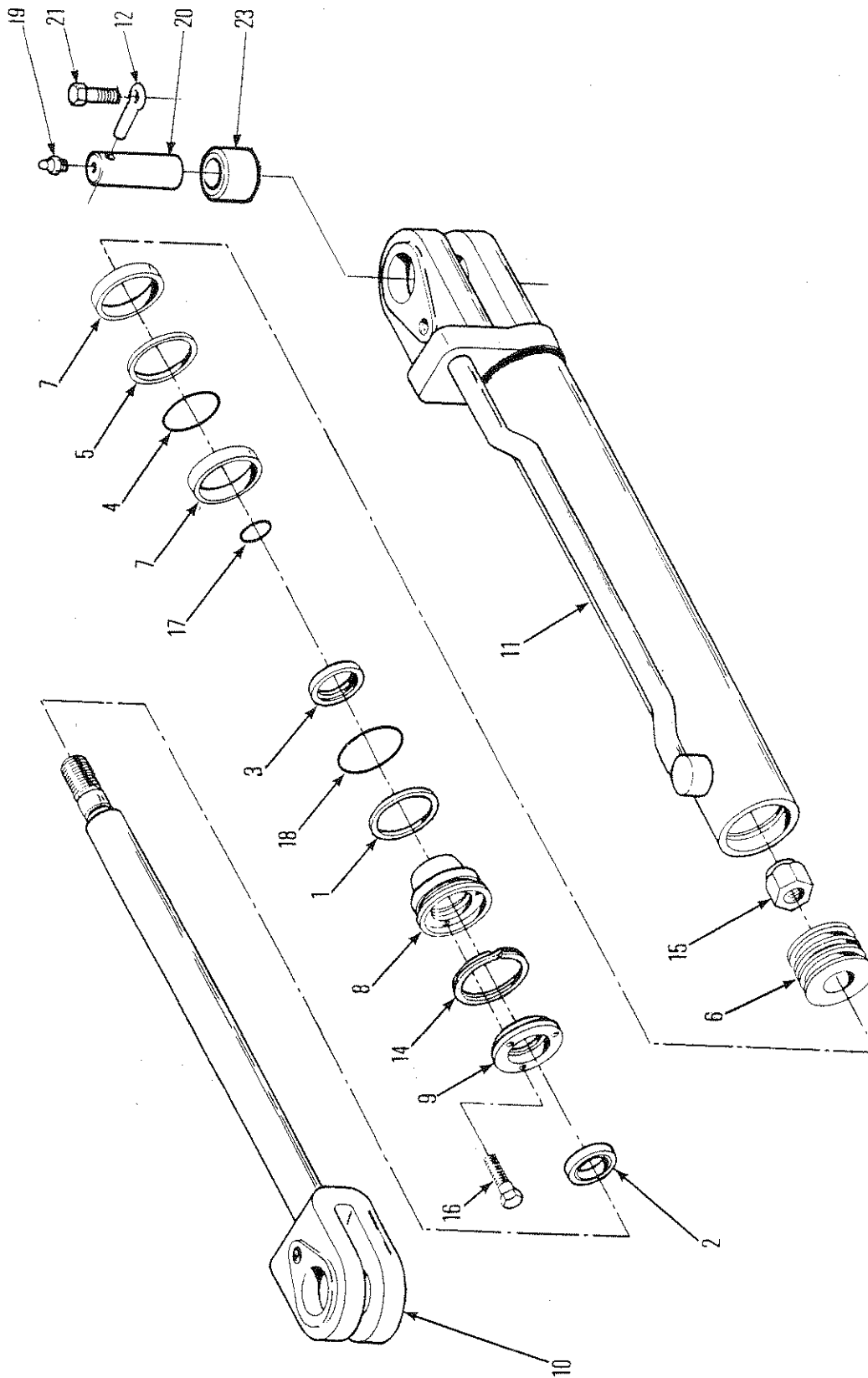
542H-101-CAC → 542H-9999-CAC

Ref 06108TP

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6108TP

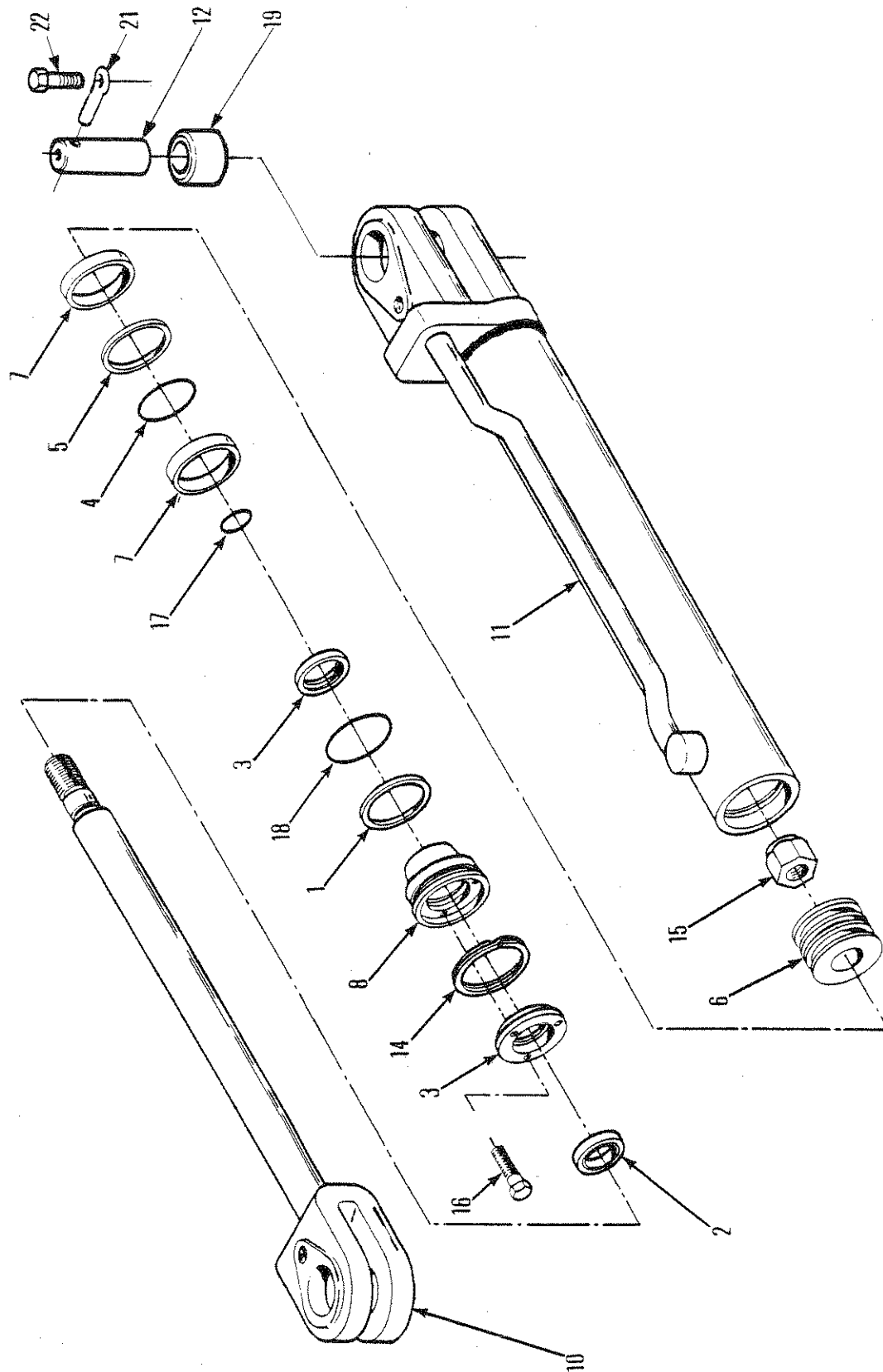
STEER & BLADE CYLINDER ASSEMBLY
ENSEMBLE CYLINDRE DIRECTION & LAME
ZYLINDEREINHEIT, STEUER & KLINGE
CONJUNTO DE CILINDRO, DIREÇÃO & LÂMINA
CONJUNTO DE CILINDRO DIRECCION & CUCHILLA

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	^{1,3} 1904666	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
B	² 1991086	1	Seal kit	joint étan trse	Dichtungssatz	vedador jógo	sello juego
1	532917	1	Ring	anneau	Ring	anel	anillo
2	562783	1	Wiper&scraper	racleur&grattoir	Wischer&Kratzer	limpador e raspador	limpiador y mototrall
3	713678	1	Ring	anneau	Ring	anel	anillo
4	1503629	1	Ring inner	bague intérieure	Ring Innen-	anel interno	anillo interior
5	2553205	1	Ring outer	bague extérieure	Ring Aussen	anel externo	anillo exterior
6	1503639	1	Piston	piston	Kolben	pistão	pistón
7	1530264	2	Ring	anneau	Ring	anel	anillo
8	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
9	1902769	1	Ring	anneau	Ring	anel	anillo
10	1902786	1	Rod	tige	Stange	varão	varilla
11	1904665	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
12	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
13	1574466	2	Bushing	chemise	Buchse	bucha	buje
14	2506407	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
15	60D000020	1	Nut	écrou	Mutter	porca	tuerca
16	33C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
17	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
18	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
20	1915205	2	Pin	goupille	Stift	pino	pasador
21	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 21

² Inc 1 → 7, 14, 17 & 18

³ Ref S.B. Group 915, No. 18, 9/86.



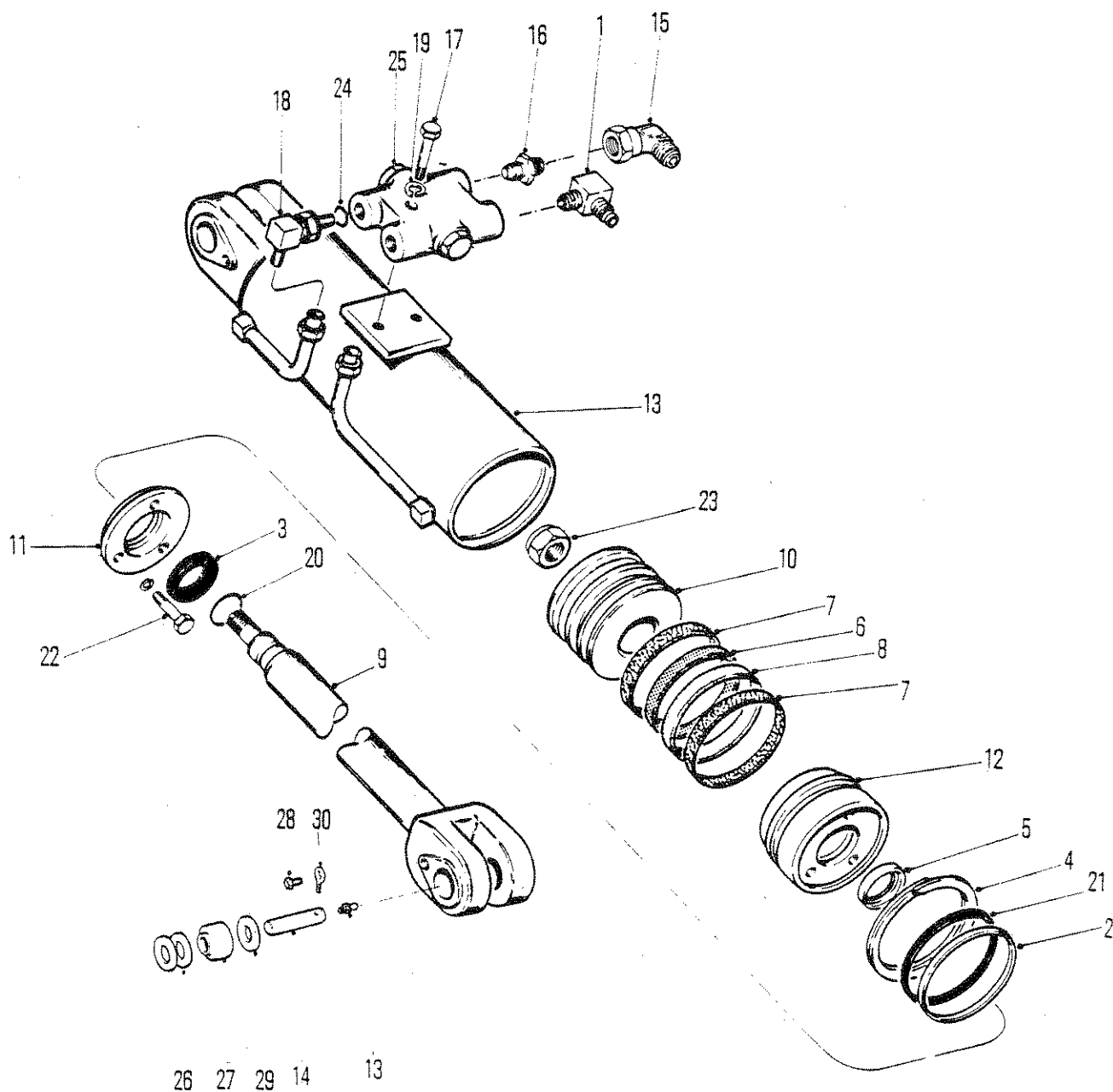
ARCH CYLINDER ASSEMBLY ROULEAU D'ARC BOGEN, BAUGRAPPE CONJUNTO DE ARCO CONJUNTO DE ARCO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	^{1,3} 1904666	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	532917	1	Ring	anneau	Ring	anel	anillo
2	562783	1	Wiper&scraper	racleur&grattoir	Wischer&Kratzer	limpador e raspador	limpiador y mototrail
3	713678	1	Ring	anneau	Ring	anel	anillo
4	1503629	1	Ring inner	bague intérieure	Ring Innen-	anel interno	anillo interior
5	2553205	1	Ring outer	bague extérieure	Ring Aussen	anel externo	anillo exterior
6	1503639	1	Piston	piston	Kolben	pistão	pistón
7	1530264	2	Ring	anneau	Ring	anel	anillo
8	³ 1928845	1	Cap	chapeau	Kappe	tampa	tapa
9	1902769	1	Ring	anneau	Ring	anel	anillo
10	1902786	1	Rod	tige	Stange	varão	varilla
11	1904665	1	Tube & base	conduite et base	Rohr & Basis	tubo e base	tubo y base
12	1915205	2	Pin	goupille	Stift	pino	pasador
13	² 1991086	1	Repack kit	jeu de regarnissage	Umpacksatz	jôgo de reagrupamento	estuche reempaqrnt
14	2506407	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
15	60D000020	1	Nut	écrou	Mutter	porca	tuerca
16	33C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
17	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
18	25K040308	1	O-ring	joint torique	O Ring	anel-O	anillo-O
19	1574466	2	Bushing	chemise	Buchse	bucha	buje
20	1915205	2	Pin	goupille	Stift	pino	pasador
21	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad
22	33C000824	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 1 → 11 & 14 → 18

² Inc 1 → 3, 5 → 7, 14, 17 & 18

³ Ref RSG 286B

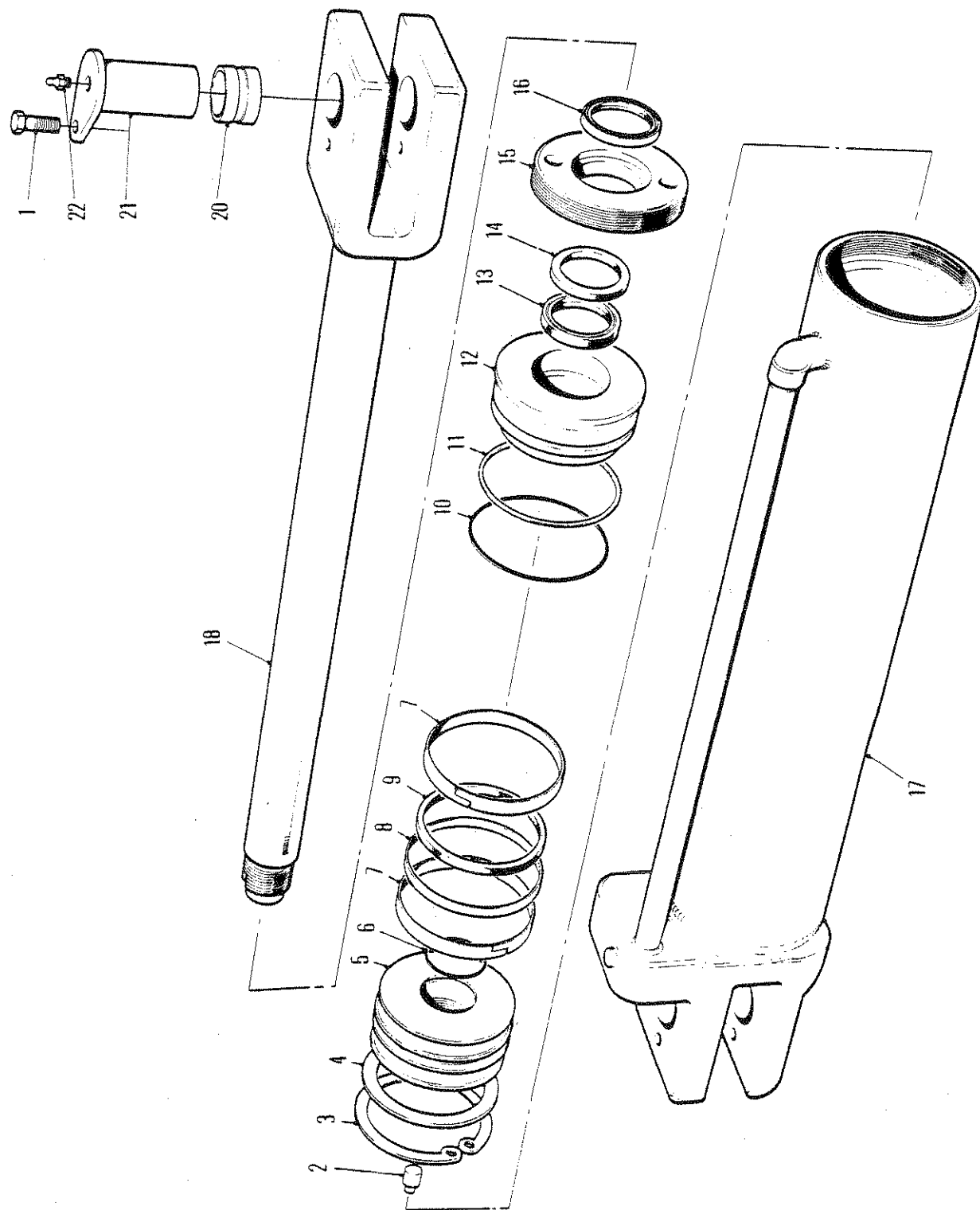


5635TP

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 jôgo	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	Haltering	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



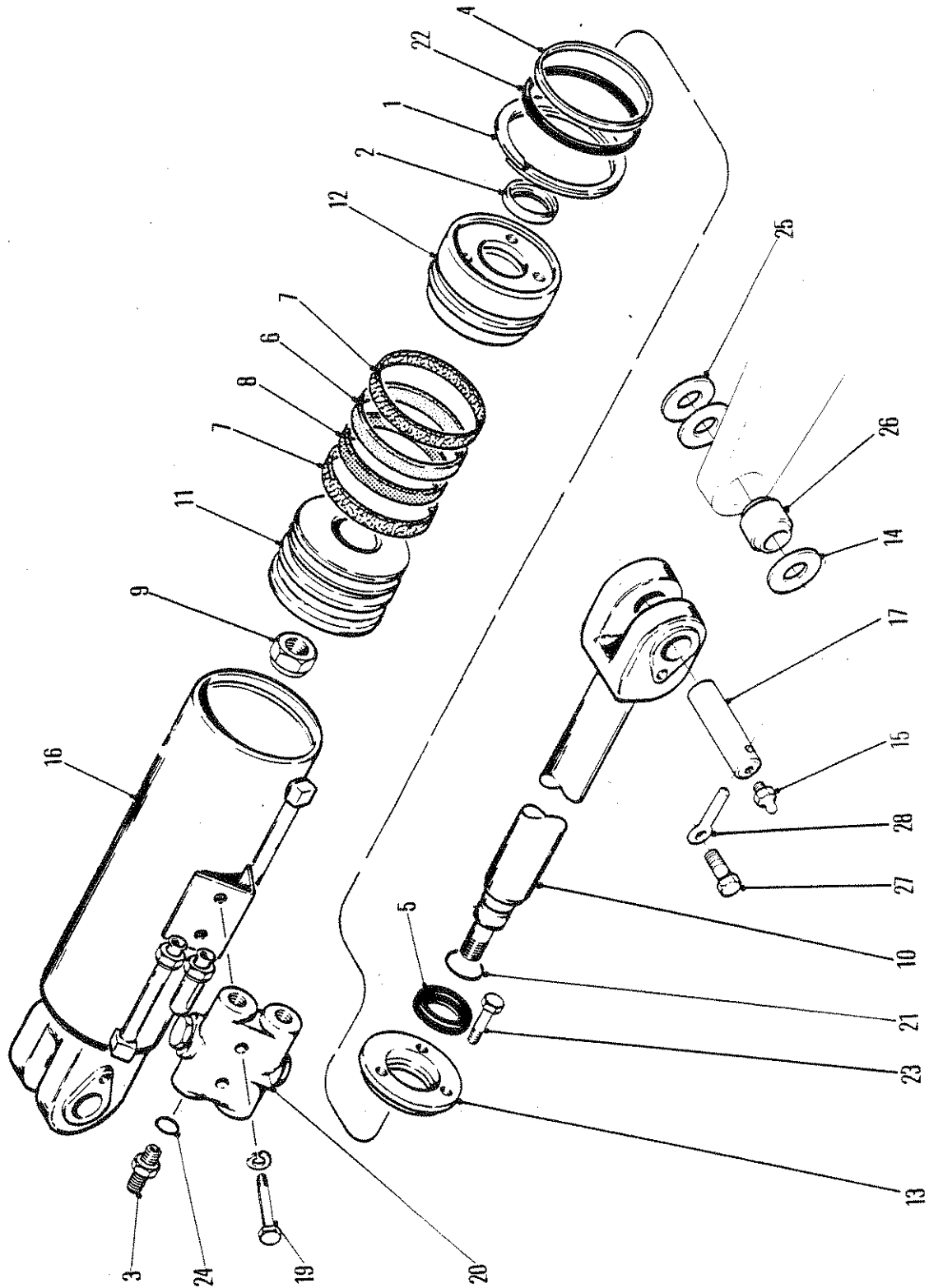
6150TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	2552121	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000816	2	Bolt	boulon	Bolzen	parafuso	bulón
2	2552116	1	Dowel pin	goujon	Zylinderstift	espiga	espiga
3	952134	1	Snap ring	circlips	Sperring	anel de trava	anillo de retención
4	2553563	1	Washer	rondelle	Scheibe	arruela	arandela
5	2552113	1	Piston	piston	Kolben	pistão	pistón
6	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
7	-----	2	Wear ring	bague d'usure	Gleitring	anel desgaste	anillo desgaste
8	-----	1	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
9	-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	-----	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	-----	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
12	2552108	1	Cap	chapeau	Kappe	tampa	tapa
13	-----	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	-----	1	Bearing	palier	Lager	mancal	cojinete
15	2552109	1	Retaining ring	bague d'arrêt	Haltering	anel retentor	anillo de retención
16	-----	1	Wiper	racleur	Wischer	limpador	limpiador
17	2532852	1	Tube&base assy	ens tube et patin	Rohr & Untergestell	con de tubos e base	conj de tubos y base
18	2552122	1	Rod	tige	Stange	varão	varilla
19	2551403	1	Seal kit	joint étan trse	Dichtungssatz	vedador jogo	sello juego
20	1574466	2	Bushing	chemise	Buchse	bucha	buje
21	1929380	2	Pin	goupille	Stift	pino	pasador
22	10H000025	2	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera

¹ Inc 2 → 18 Ref. RSG 295

² Inc 6 → 11, 13, 14 & 16



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

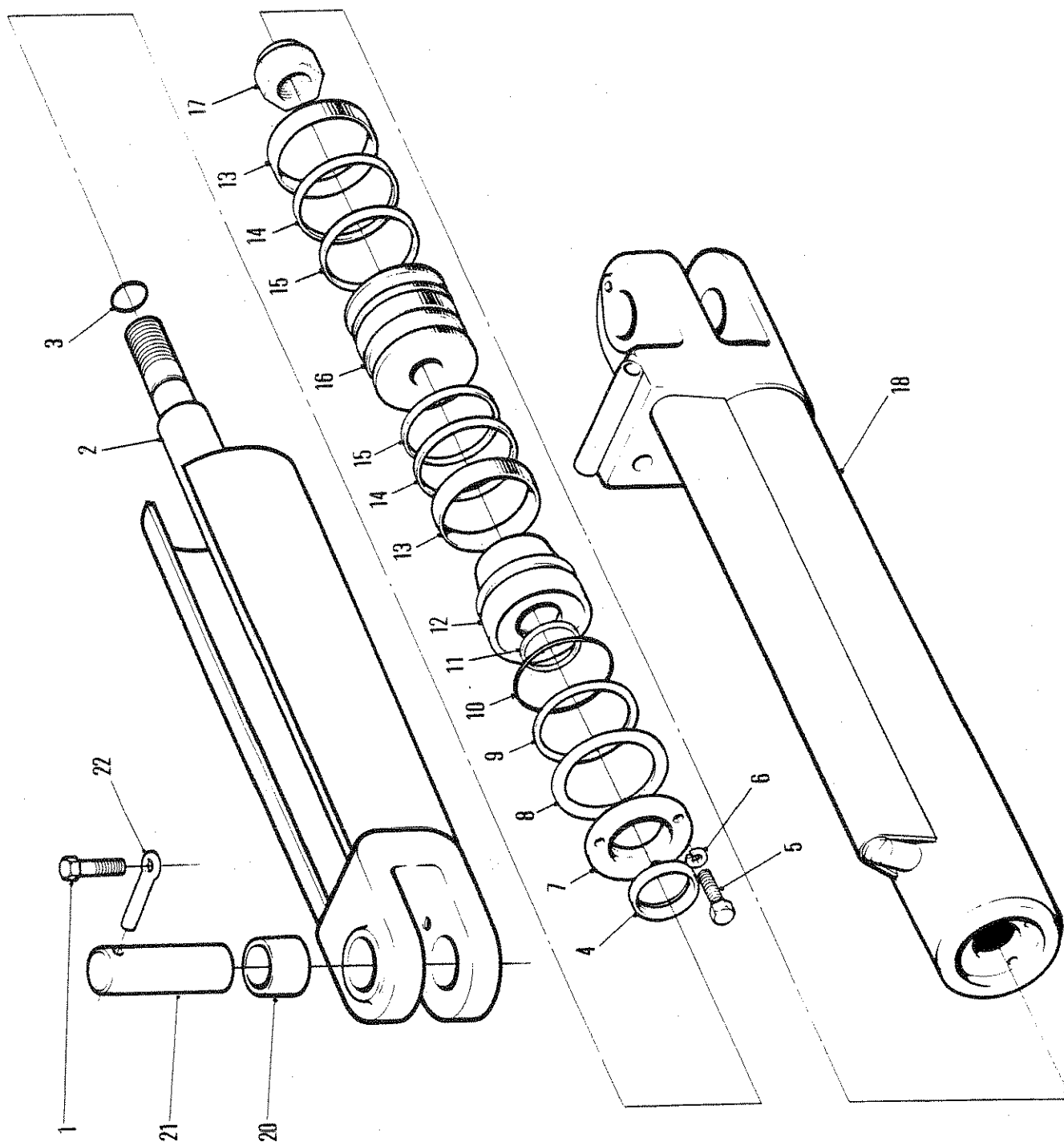
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	⁴ 1916232	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
B	³ 1991089	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
1	563377	1	Ring	anneau	Ring	anel	anillo
2	713513	1	Ring	anneau	Ring	anel	anillo
3	730963	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	²⁰ -----	-	Lockvalve	soupape de sûrete	Sperrventil	válv 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



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

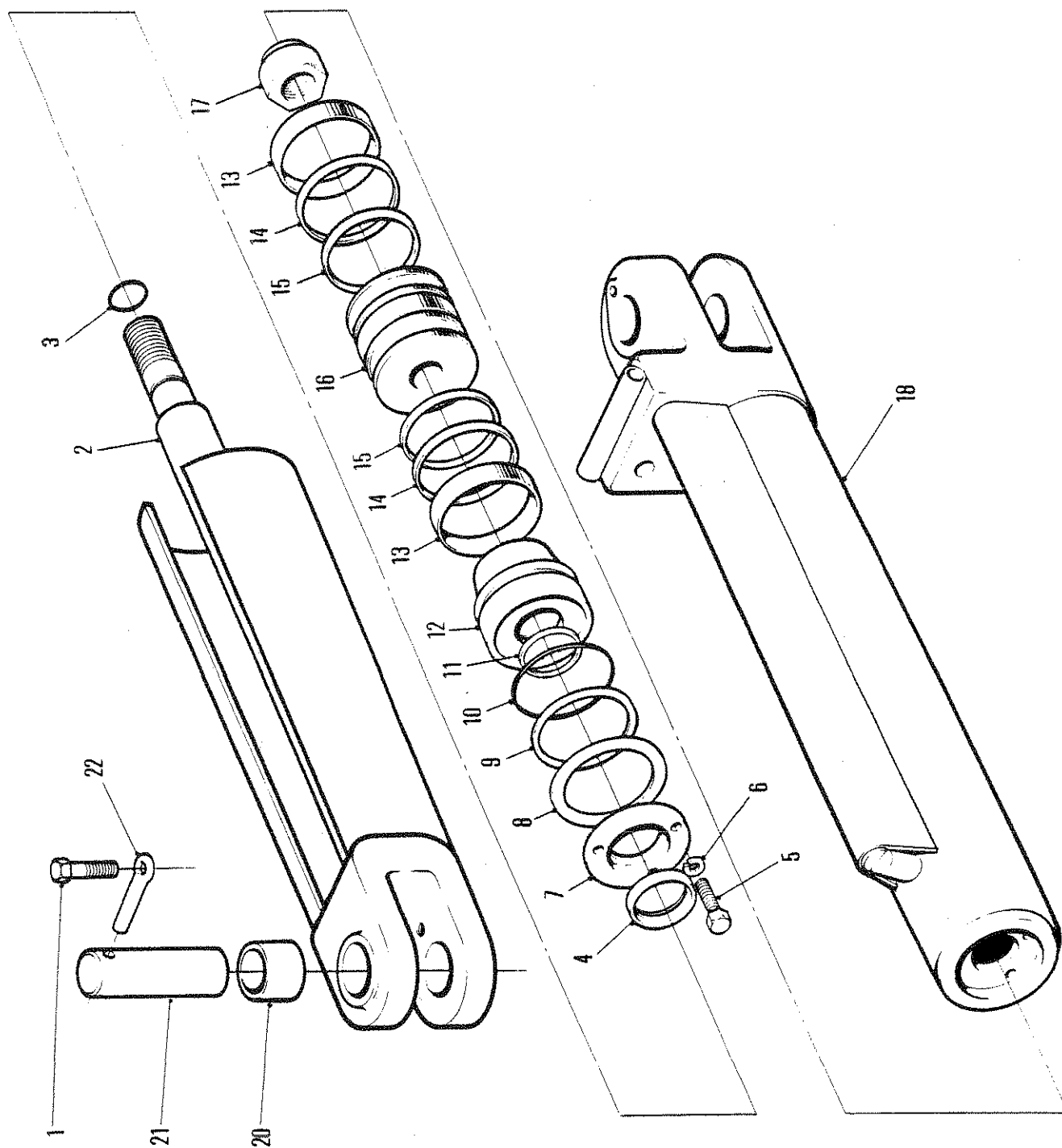
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A 4,1	1916232	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
B	1991089	1	Seal kit	joint étan trse	Dichtungssatz	vedador jogo	sello juego
1	563377	1	Ring	anneau	Ring	anel	anillo
2	713513	1	Ring	anneau	Ring	anel	anillo
3	730963	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	20-----	-	Lockvalve	soupape de sûrete	Sperrventil	válv 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



LOG GRAPPLE CYLINDER ASSEMBLY 70 IN-1778,0 MM
ENSEMBLE V(48)RIN, GRAPPIN À GRUMES 70 IN-1778,0 MM
HOLZGRIEFERZYLINDER, VOLLSTÄNDIG 70 IN-1778,0 MM
CONJUNTO DE CILINDRO, DAS GARRAS 70IN-1778,0MM
CONJUNTO DE CILINDRO DE LA GARRA PARA TRONCOS 70IN-1778,0 MM

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1927276	1	Cylinder assy	ens cylindre	Zylinderheit	conj de cilindro	conj de cilindro
1	33C000820	2	Bolt	boulon	Bolzen	parafuso	bulón
2	1928004	1	Rod assy	tige ens	Stange vollst	varão conj	varilla conj
3	25K040104	1	O-ring	joint torique	O Ring	anel-O	anillo-O
4	1566194	1	Wiper&scraper	racleur&grattoir	Wischer&Kratzer	limpador e raspador	limpiador y mototrail
5	17C000516	3	Bolt	boulon	Bolzen	parafuso	bulón
6	4E0000005	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
7	1903539	1	Cap	chapeau	Kappe	tampa	tapa
8	784089	1	Ring	anneau	Ring	anel	anillo
9	73K000240	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
10	25K040324	1	O-ring	joint torique	O Ring	anel-O	anillo-O
11	1315740	1	Ring	anneau	Ring	anel	anillo
12	1903543	1	Cap	chapeau	Kappe	tampa	tapa
13	1503012	2	Wear ring	bague d'usure	Gleitring	anel desgaste	anillo desgaste
14	2553206	2	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
15	1503463	2	Seal ring	anneau du joint	Dichtungsring	anel de vedação	anillo de sello
16	1928007	1	Piston	piston	Kolben	pistão	pistón
17	60D000020	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
18	1928005	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
19	1992019	1	Repack kit	jeu de regarnissage	Umpacksatz	jogo de reagrupamento	estuche reempaqrnt
20	1573309	2	Bushing	chemise	Buchse	bucha	buje
21	1903262	2	Pin	goupille	Stift	pino	pasador
22	586452	2	Lockpin	goupille de blocage	Sperrstift	pino de trava	pasador de seguridad

¹ Inc 2→18. Cylinder Assembly 1927276 is no longer available. For service replacement of complete assembly, use 1-2552121 Cylinder.
See Group E1 13020

¹ Inc 2→18. L'ensemble cylindre 1927276 nest plus disponible. Pour le remplacement de l'ensemble complet, utilisez 1 cylindre 2552121.
Voir groupe E1 13020

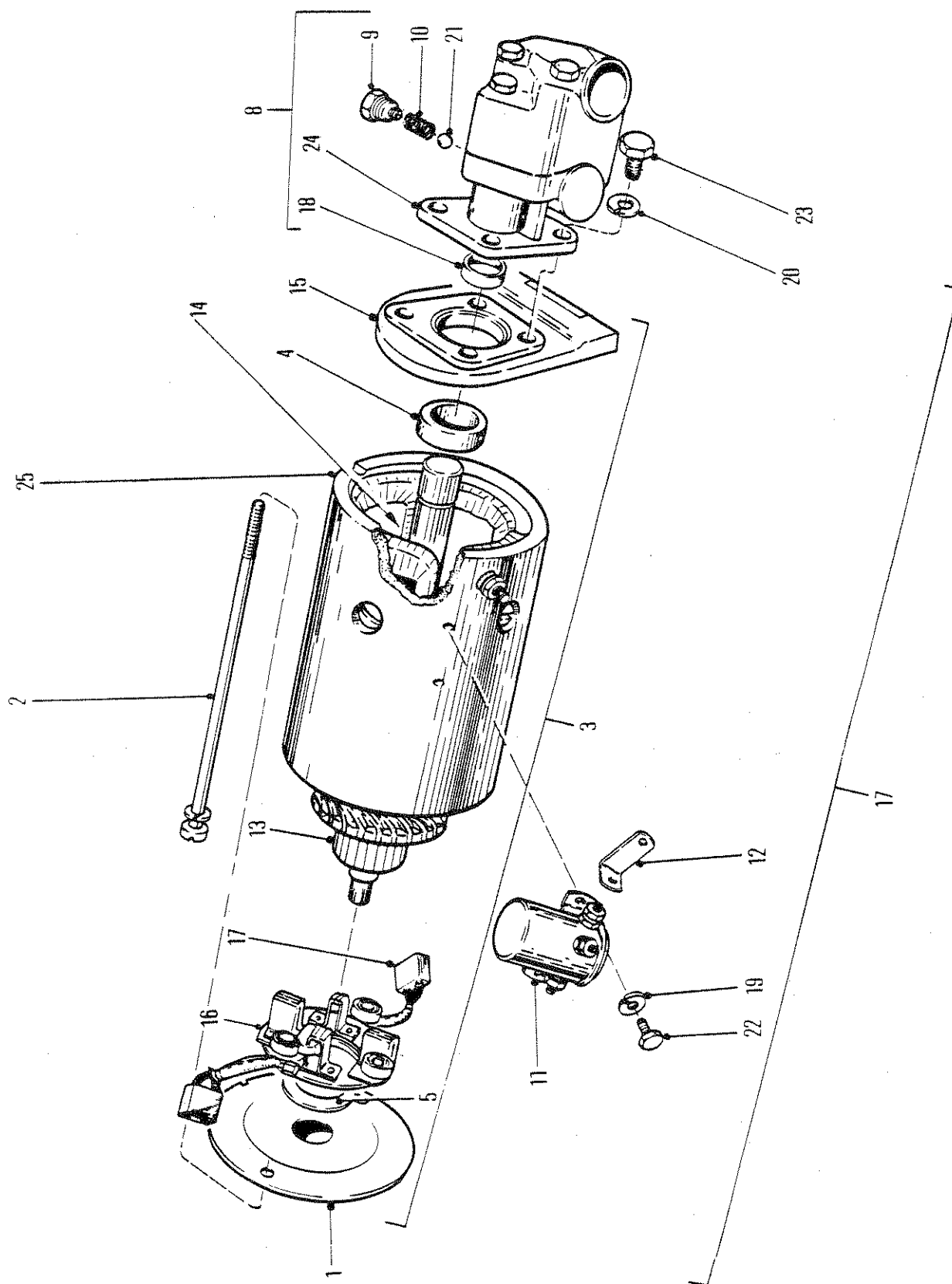
¹ Inc 2→18. Die Zylindereinheit 1927276 ist nicht mehr erhältlich. Zum Ersatz der vollständigen Einheit bestelle man 1 Zylinder 2552121.
Siehe Gruppe E1 13020

¹ Inc 2→18. Del conjunto de cilindro 1927276 não está disponível. Para a reposição do conjunto completo use 1 cilindro 2552121.
Veja grupo E1 13020

¹ Inc 2→18. El conjunto de cilindro 1927276 no se produce más. Para el reemplazo de servicio del conjunto completo use 1 cilindro 2552121. Ver grupo E1 13020.

² Inc 3, 4, 8→11 & 13→15

³ Ref RSG 286B



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	886267	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
2	898224	2	Bolt assy	boulon ens	Boizen vollst	parafuso conj	bulón conj
3	960373	1	Motor assy	ass de moteur	Motoreinheit	conj do motor	conj motor
4	990087	1	Bearing	palier	Lager	mancal	cojinete
5	992313	1	Washer	rondelle	Scheibe	arruela	arandela
6	8-----	-	Housing	botier	Gehuse	carcaça	carcasa
7	8-----	-	Housing	botier	Gehuse	carcaça	carcasa
8	1990974	1	Pump assembly	pompe ens	Pumpe vollst	bomba conj	bomba conj
9	1990975	1	Plug	bouchon	Stopfen	bujão	tapón
10	1990976	1	Spring	ressort	Feder	mola	resorte
11	1990977	1	Solenoid	solénoide	Schaltmagnet	solenóide	solenóide
12	1990978	1	Strap	bande	Band	faixa	banda
13	1990979	1	Armature	induit	Anker	induzido	inducido
14	1990980	1	Coil assy	bobine ens	Spule vollst	bobina conj	bobina conj
15	1990981	1	Cover	couvercle	Deckel	tampa	tapa
16	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	Boizen	parafuso	bulón
23	17C000512	4	Bolt	boulon	Boizen	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

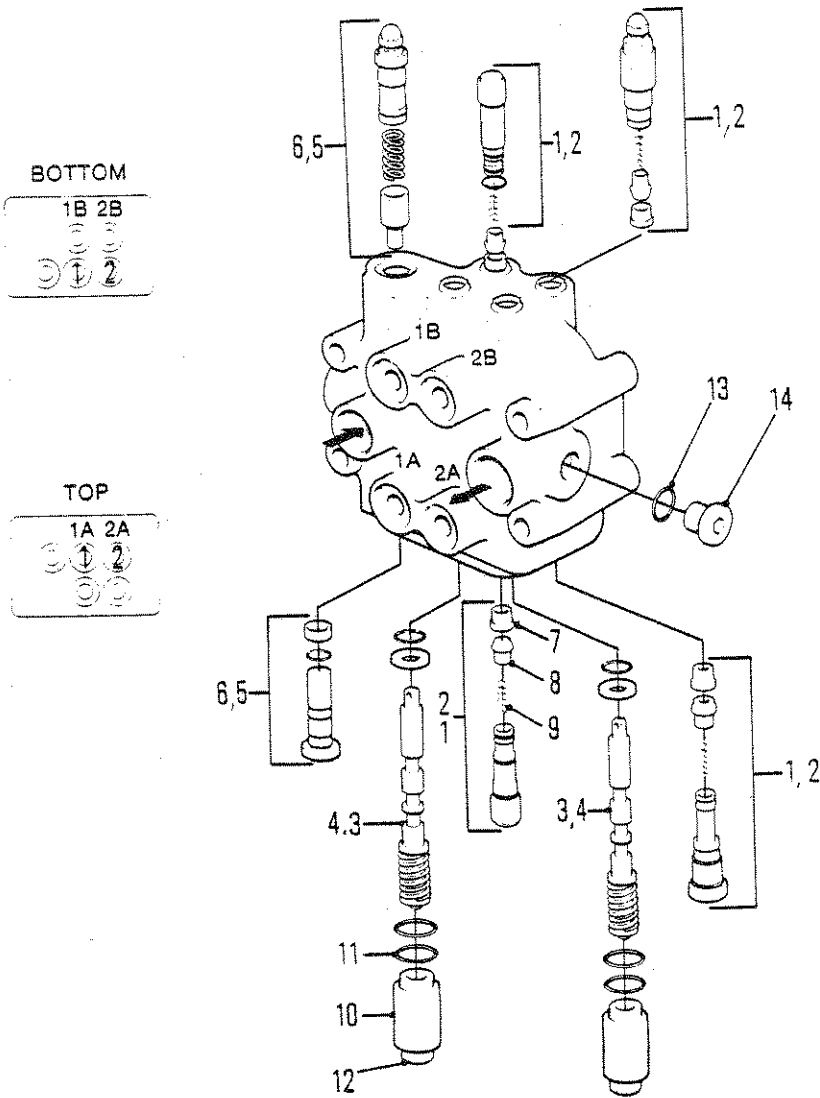
³ Inc 6, 9, 10, 18, 20, 21 & 23

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



PORT RELIEF

The diagram shows a port relief valve assembly, which consists of a valve body, a spring, and a plunger. Below the diagram is a table with two columns: 'LOCATION' and 'PSI SETTING'.

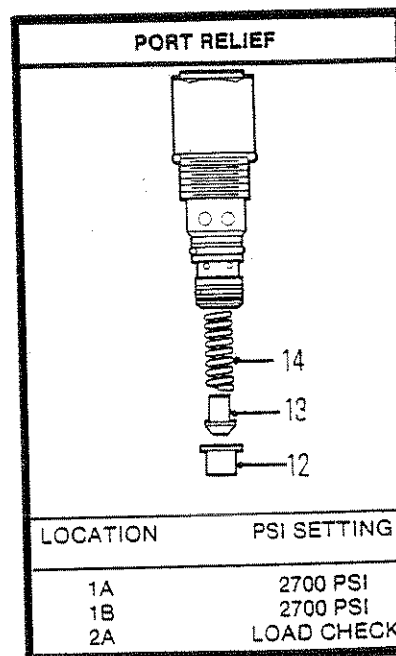
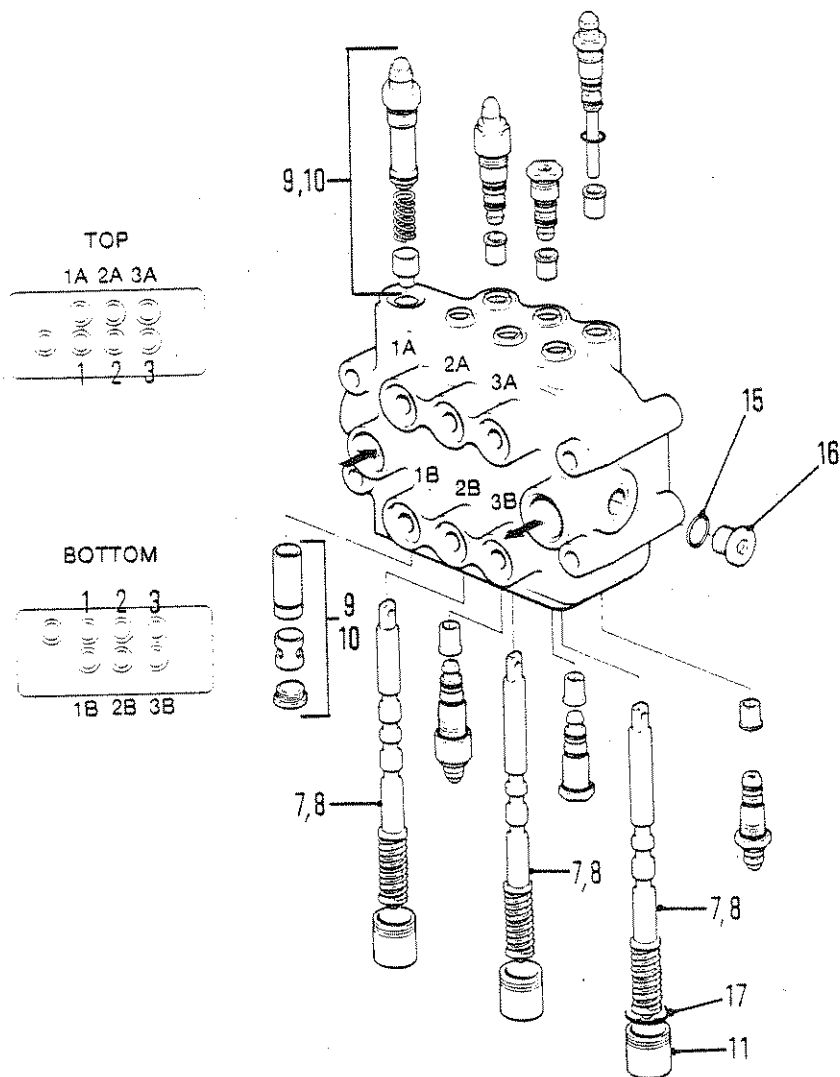
LOCATION	PSI SETTING
1A	2050 PSI
1B	2050 PSI
2A	2050 PSI
2B	2050 PSI

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	11937427	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	auxílio principal	auxílio 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	Rückslagventile	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



2B	LOAD CHECK
3A	1500 PSI
3B	1500 PSI

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 Y MOTOR

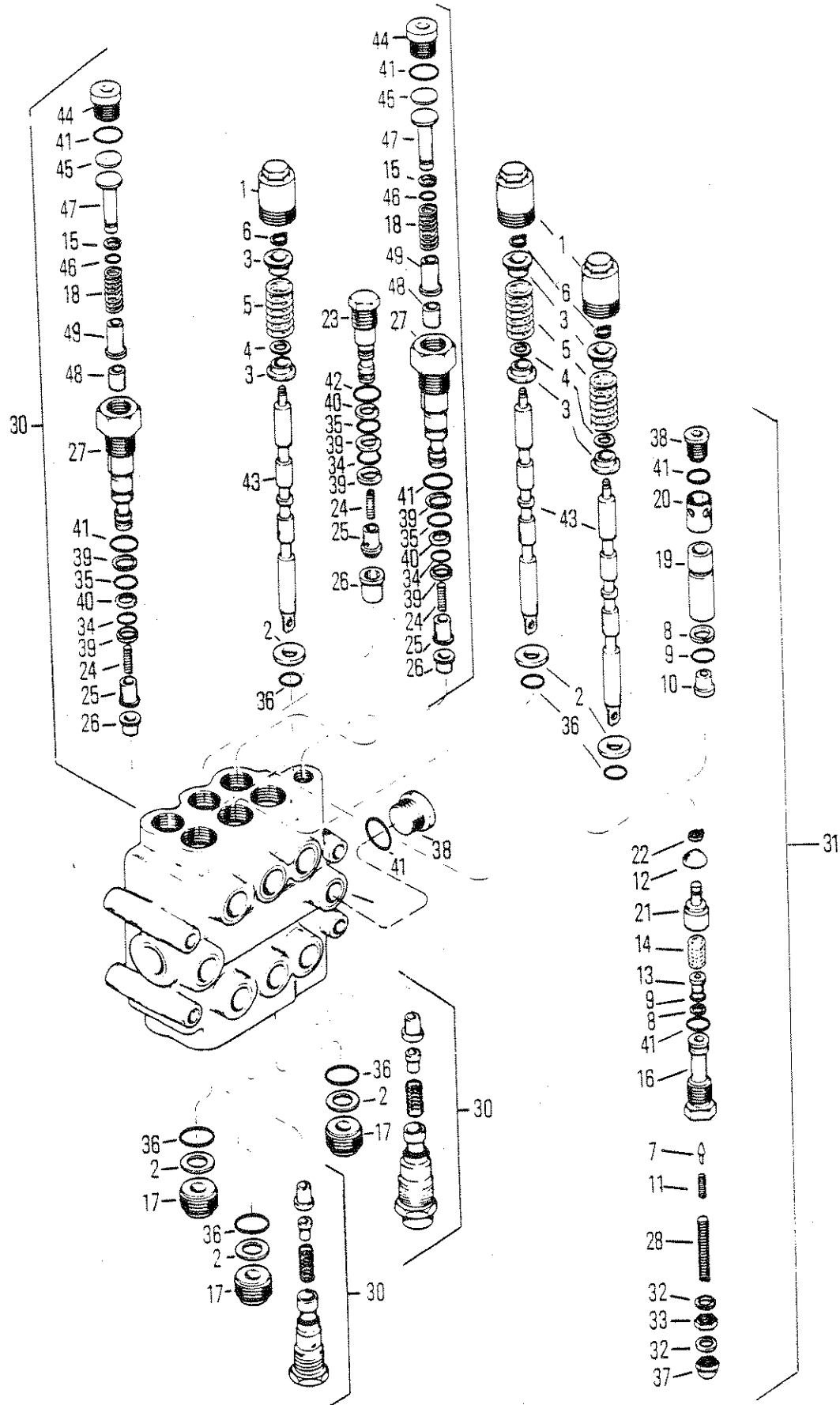
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937425	1	Control valve	soupape de contrôle	Steuerventil	válv de contr	valv de control
1A	1992313	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxilio orificio coletor	auxilio orificio colectr
1B	1992313	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxilio orificio coletor	auxilio orificio colectr
2A	1992282	1	Load check	vérification la charge	lastüberprüfung	verificação da carga	comprobación carga
2B	1992282	1	Load check	vérification la charge	lastüberprüfung	verificação da carga	comprobación carga
3A	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxilio orificio coletor	auxilio orificio colectr
3B	1992314	1	Port relief	orifice soup de sûreté	Öffnungsüberdruck	auxilio orificio coletor	auxilio orificio colectr
4	1992434	2	Seal kit.	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
5	1992459	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
6	1992458	2	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
7	S-----	3	Spool assy	ensemble tiroir	Spule vollst	conjunto carretel	conjunto carrete
8	1992435	3	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
9	1991043	1	Main relief	soup sûreté principal	Hauptüberdruck	auxilio principal	auxilio principal
10	1992457	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
11	1992190	3	Cap	chapeau	Kappe	tampa	tapa
12	1990185	4	Seat	sige	Sitz	assento	asiento
13	1990184	4	Poppet	clapet	Ventilkegel	gatilho	ciapeta
14	1990183	4	Spring	ressort	Feder	moia	resorte
15	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
16	47K000006	2	Plug	bouchon	Stopfen	bujão	tapón
17	25K030024	2	O-ring	joint torique	O Ring	anel-O	anillo-O

1 Inc 1A→17

2 □1A & 1B

3 □2A & 2B

4 □3A & 3B



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	1915134	1	Valve assy	soupape ens	Ventil vollst	válvula conj	válvula conj
B	1990177	1	Poppet assy	ens clapet	Ventilkegel vollst	gatilho conj	clapeta conj
1	878196	1	Cap	chapeau	Kappe	tampa	tapa
2	878231	2	Retainer	arrêtoir	Halierung	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	pionneur	Druckstange	emboio	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	Halierung	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	1990948	1	Relief valve	soupape decharge	Überdr Ventil	válvula descarga	válvula alivio
31	1990964	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

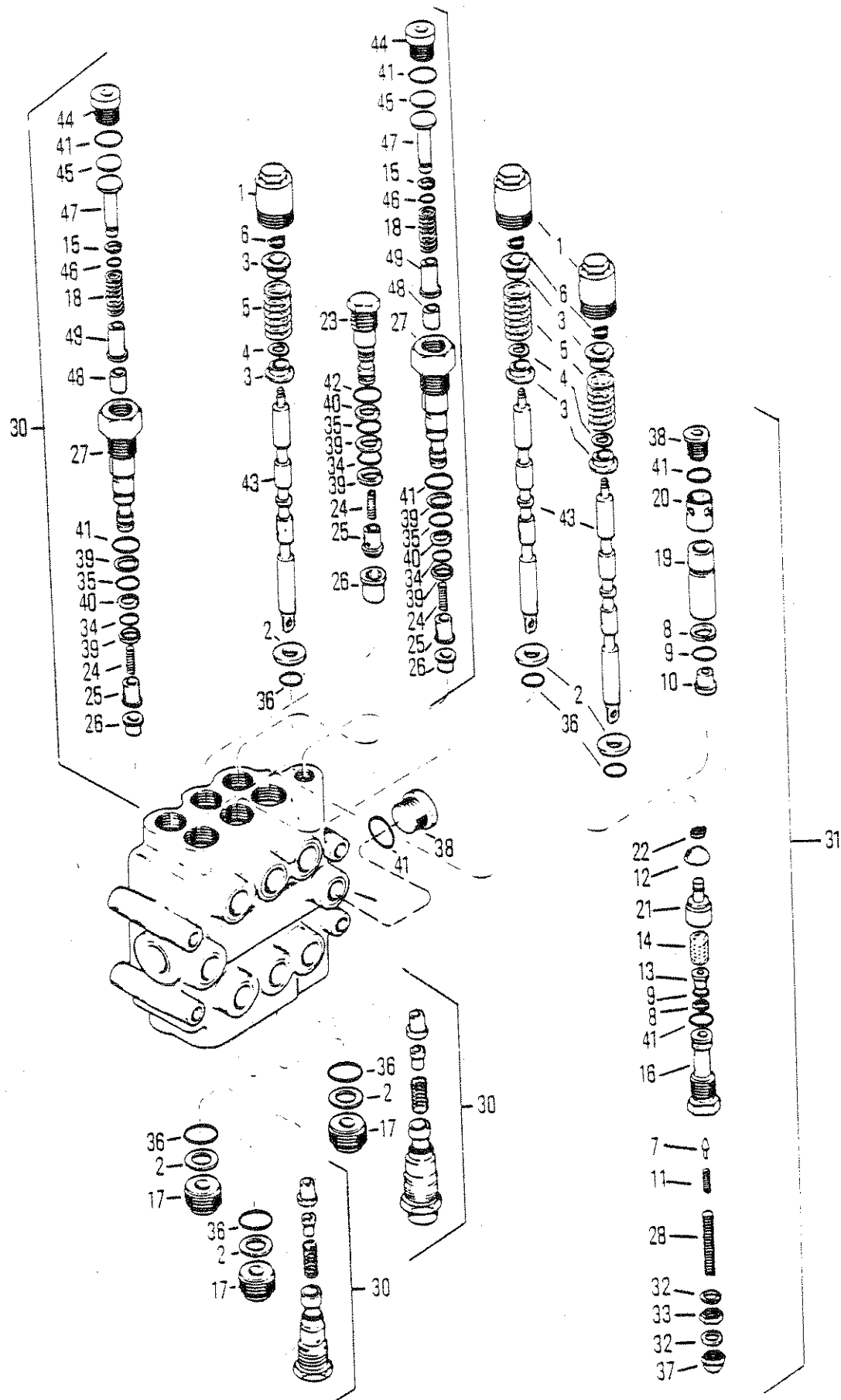
1 3 Spool
1 3 tiroir
1 3 Spule
1 3 carretel
1 3 carrete

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	guide du ressort	Federführung	guia da moia	guía del resorte
48	-----	1	Seat	sige	Sitz	assento	asiento
49	-----	1	Plunger	plongeur	Druckstange	embolo	émolo buzo

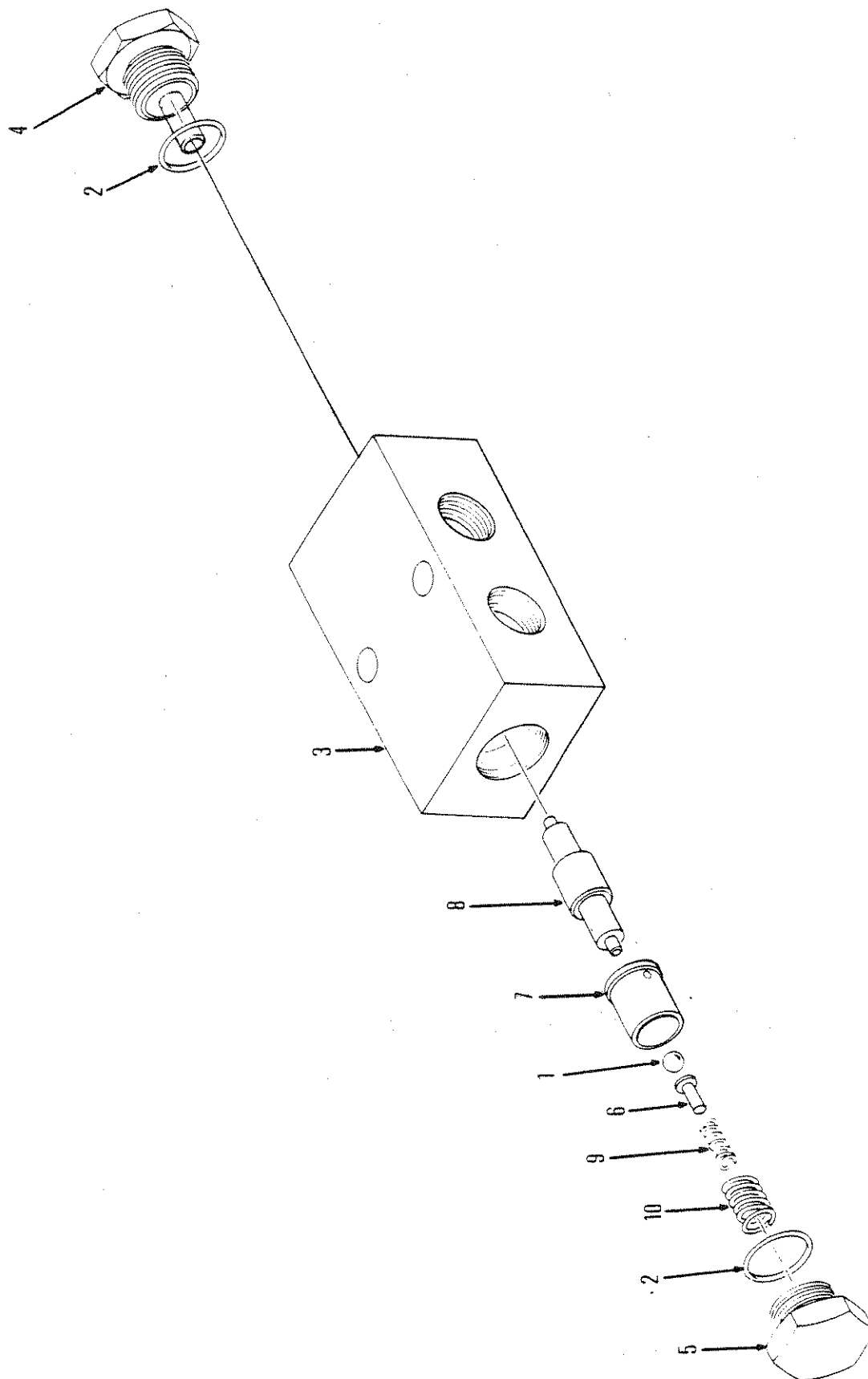
¹ 3 Spool
¹ 3 tiroir
¹ 3 Spule
¹ 3 carretel
¹ 3 carrete

² Inc 21, 22 & 12

³ 2200 PSI 154.7 Kg Cm²

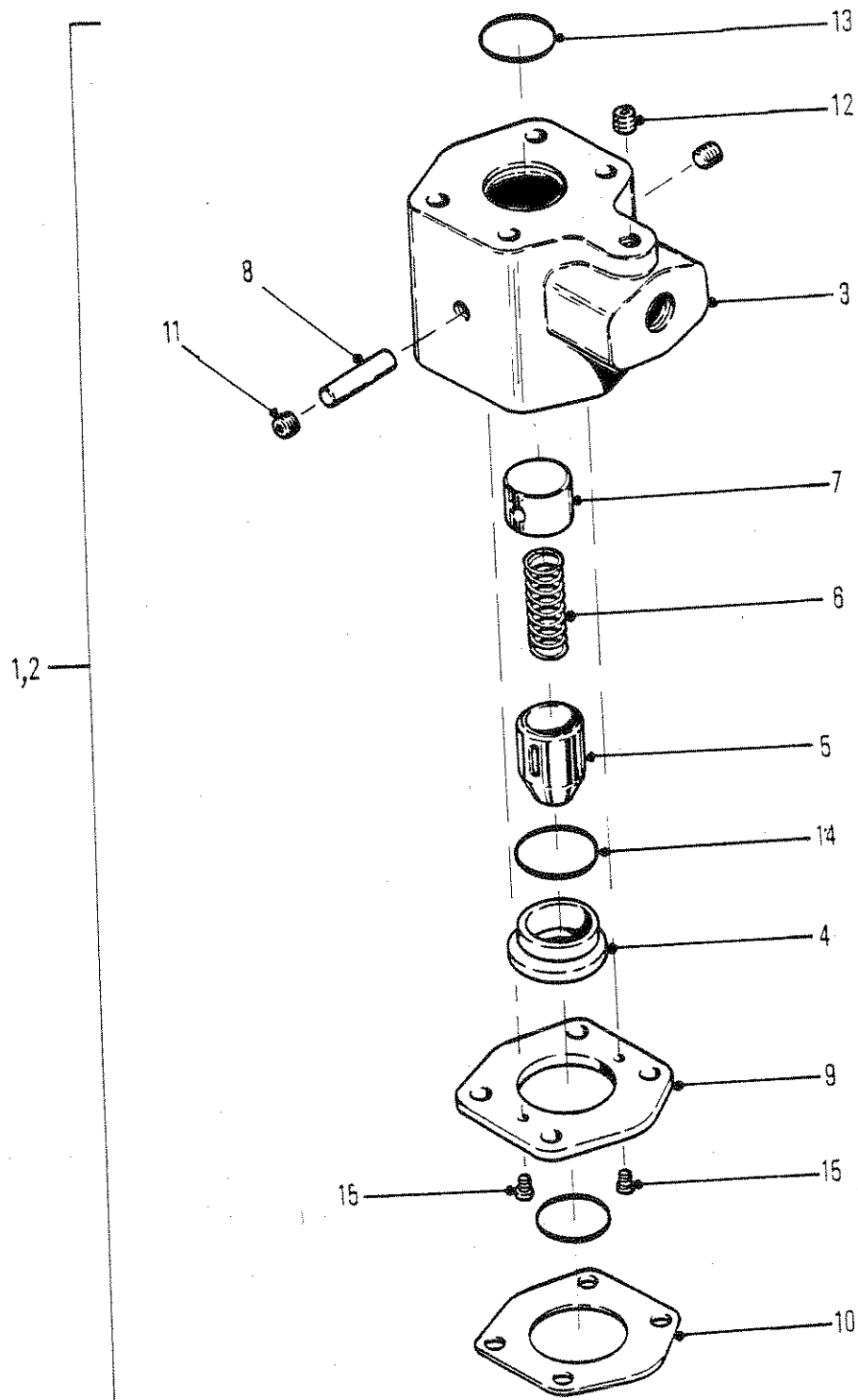
⁴ 1500 PSI 105.5 Kg Cm²

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

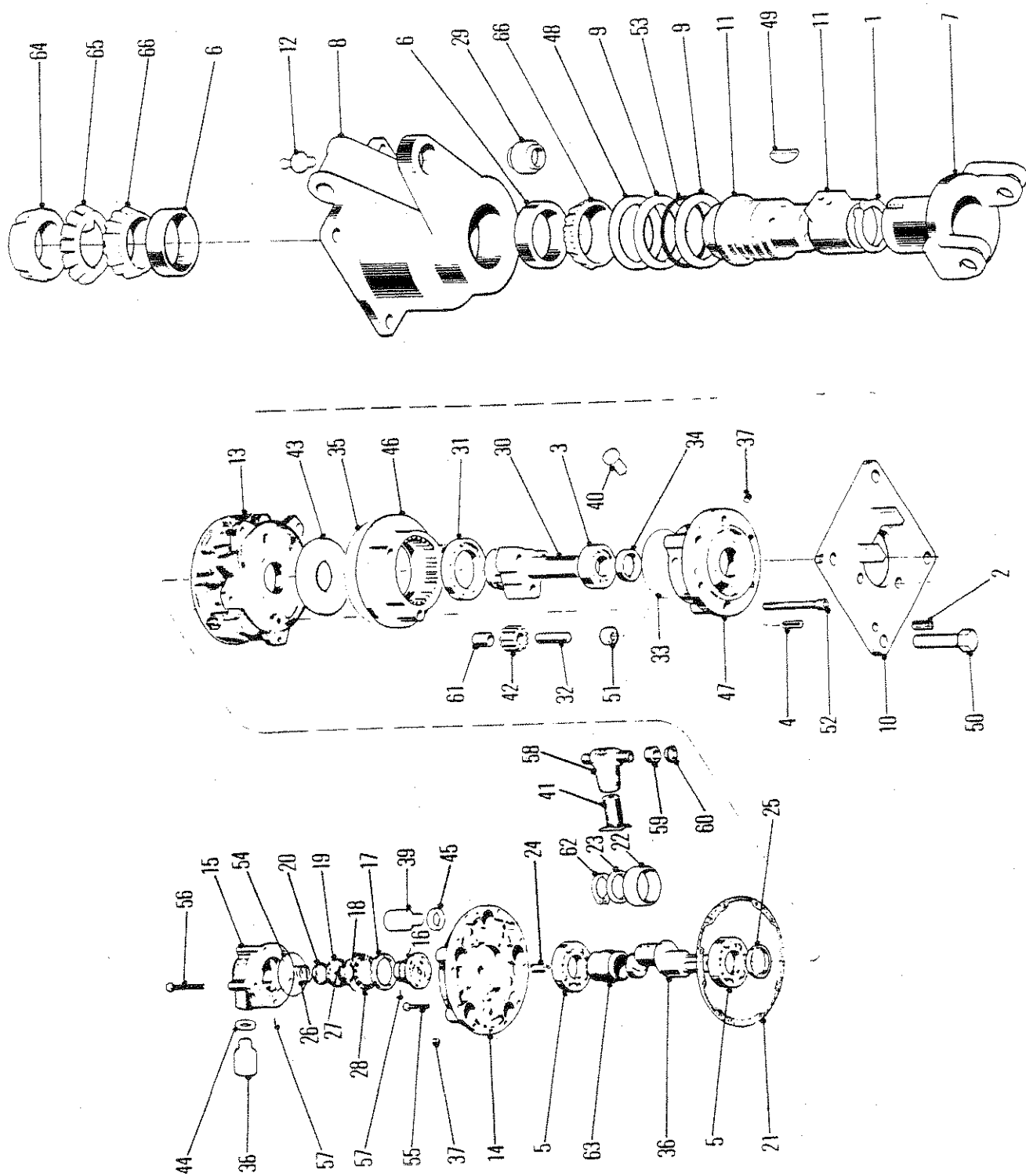


5760TP

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	11915388	1	Check valve	soupape de sureté	Rückschlagventile	válvula de esbarro	válv retención
2	85G000106	2	Bolt	boulon	Boizen	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



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	1905501	1	Motor head	culasse de moteur	motorenkopf	cabea do motor	cabeza del motor
B	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 velocidad
D	1991044	1	Repair kit	trousse de reparation	Reparaturatz	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	mancai	cojinete
4	661978	2	Pin	goupille	Stift	pino	pasador
5	713997	2	Bearing	palier	Lager	mancai	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	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	cuero 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	cigüal
31	1990560	1	Bearing	palier	Lager	mancai	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	cigüal
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	Rückslagventile	válvula de esbarro	válv retención
41	1990574	5	Piston	piston	Kolben	pistão	pistón
42	1990596	3	Wheel	roue	Rad	roda	rueda
43	1990606	1	Plate	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

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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

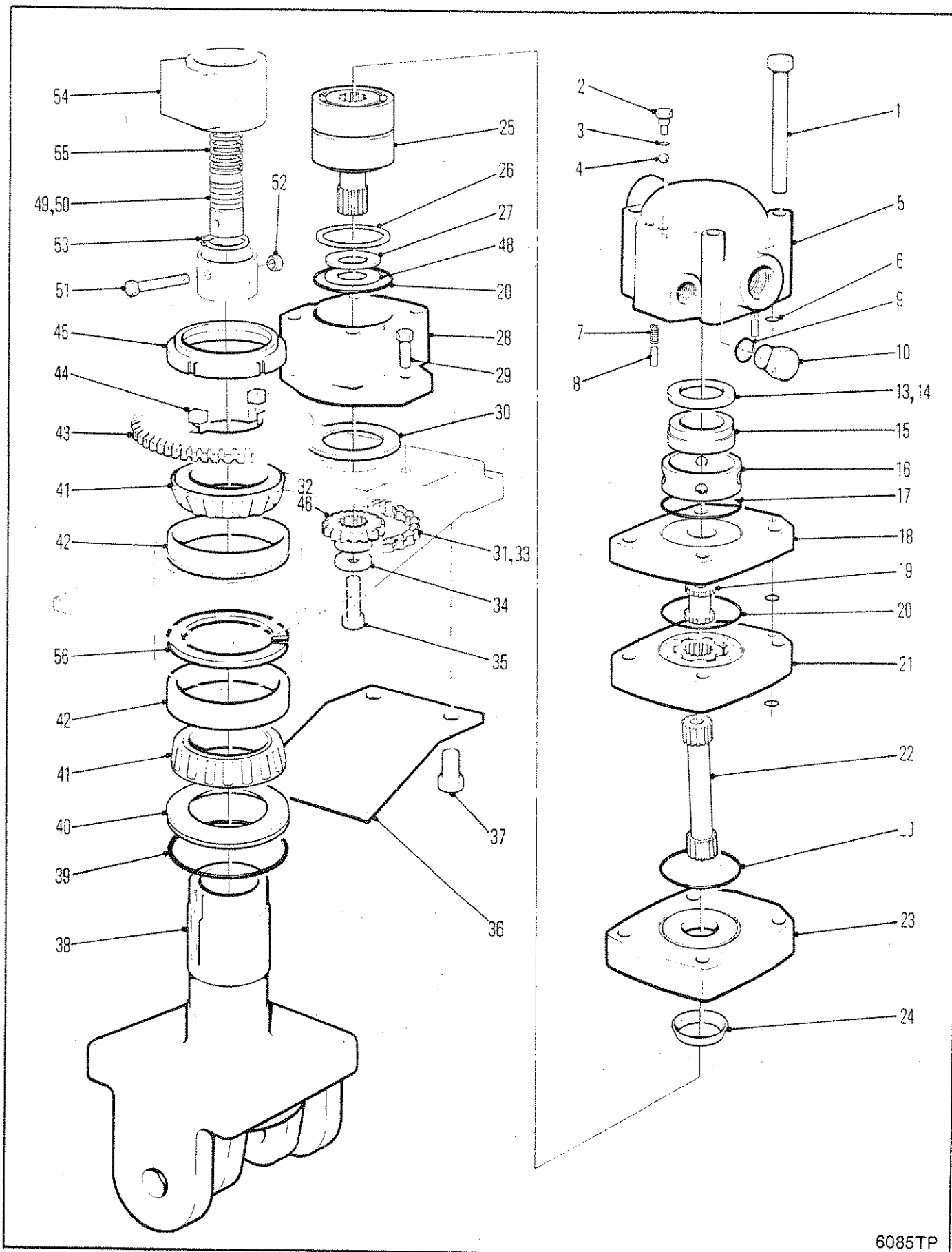
⁵ Inc 21, 25, 33, 34, 35, 54, 57, 59, 60

⁶ Inc 61

⁷ Ref. 48

⁸ Ref. 41

⁹ Ref. 42



6085TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	6-----	1	Rotating head	tête rotatif	Drehkopf	cab rotativa	cab giratoria
1	2C000696	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1992108	2	Plug	bouchon	Stopfen	bujão	tapón
3	91F000006	2	O-ring	joint torique	O Ring	anel-O	anillo-O
4	10J000008	2	Ball	bille	Kugel	esfera	bola
5	1992089	1	Housing	botier	Gehuse	carcaça	carcasa
6	6513535	3	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992088	4	Spring	ressort	Feder	mola	resorte
8	1992102	2	Pin	goupille	Stift	pino	pasador
9	91F000003	1	O-ring	joint torique	O Ring	anel-O	anillo-O
10	1992105	1	Plug	bouchon	Stopfen	bujão	tapón
11	1992104	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
12	1992107	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
13	1992100	1	Seal	joint étanchéité	Dichtung	vedador	sello
14	1992101	1	Seal	joint étanchéité	Dichtung	vedador	sello
15	1992087	1	Plate	plaque	Platte	placa	placa
16	1992086	1	Valve	soupape	Ventil	válvula	válvula
17	1992099	1	Seal	joint étanchéité	Dichtung	vedador	sello
18	1992084	1	Plate	plaque	Platte	placa	placa
19	1992085	1	Drive	entrainment	Antrieb	acionamento	mando
20	1992096	3	Seal	joint étanchéité	Dichtung	vedador	sello
21	1992083	1	Distributor	distributeur	Verteiler	distribuidor	distribuidor
22	1992082	1	Drive	entrainment	Antrieb	acionamento	mando
23	1992080	1	Plate	plaque	Platte	placa	placa
24	1992098	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	1992078	1	Shaft&brg	jeu darbre&roulement	Wellen- Lagersatz	jogo rolamento	juego árbol cojinete
26	1992079	1	Spacer kit	entretoises jeu	Distanzteil Satz	espaçador jogo	espaciador jgo
27	1992407	1	Seal	joint étanchéité	Dichtung	vedador	sello
28	1992077	1	Housing	botier	Gehuse	carcaça	carcasa
29	73G000824	2	Bolt	boulon	Bolzen	parafuso	bulón
30	1992095	1	Seal	joint étanchéité	Dichtung	vedador	sello
31	616502	1	Link	articulation	Gelenk	articulação	articulación
32	1927271	1	Sprocket 9T	empreinte 9T	9T Kettenrad	roda denteada 9T	rueda dentada 9T
33	1927269	1	Chain	chane	Kette	corrente	cadena
34	872229	1	Washer	rondelle	Scheibe	arruela	arandela
35	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 2, 3

² Inc 9, 10

³ Ref S.B. Group 965, No. 07, 9/86.

⁴ Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

⁵ Ref S.B. Group 965, No. 10, 9/86.

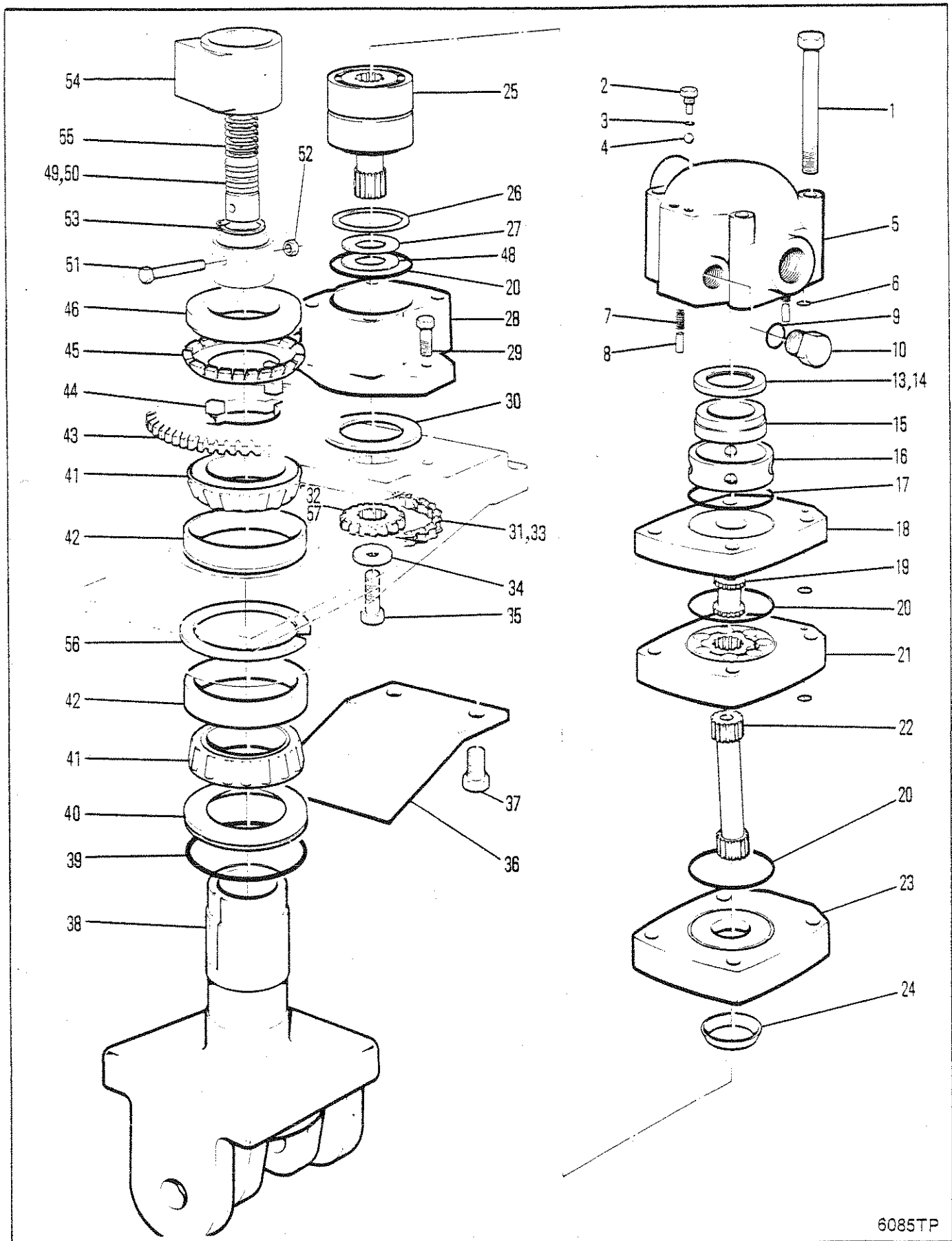
⁶ Inc 1 → 28, 48 & 49 No longer available. For service replacement, order 1937742 Rotating head.

⁶ Inc 1 → 28, 48 & 49 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

⁶ Inc 1 → 28, 48 & 49 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

⁶ Inc 1 → 28, 48 & 49 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

⁶ Inc 1 → 28, 48 & 49 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.



6085TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
36	1930742	1	Cover assy	couvercle ens	Deckel vollst	tampa conj	tapa conj
37	33C000812	2	Bolt	boulon	Bolzen	parafuso	bulón
38	³ 1937460	1	Mainshaft				
39	25K040608	1	O-ring	joint torique	O Ring	anel-O	anillo-O
40	1928120	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
41	1318084	2	Cone	cône	Kegel	cone	cono
42	1318083	2	Cup	cuvette	Schale	capa	cubeta
43	1927270	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
44	7J007008	2	Key	clavette	Keil	chaveta	chaveta
45	1938931	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
46	1934875	1	Sprocket 8T	empreinte 8T	8T Kettenrad	roda denteada 8T	rueda dentada 8T
47	[†] 10H000025	1	Grease fitting	graisseur	Nippel Schmier	graxeira	grasera
48	6630028	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
49	[†] 6630079	1	Seal kit	joint étan trse	Dichtungssatz	vedador jôgo	sello juego
50	1927359	1	Shaft	arbre	Welle	ávore	árbol
51	17C000880	1	Bolt	boulon	Bolzen	parafuso	bulón
52	85D000008	1	Nut	écrou	Mutter	porca	tuerca
53	214337	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
54	1935470	1	Housing	botier	Gehuse	carcaça	carcasa
55	1930909	6	Sealing Ring	bague d étancheté	Dichtungsring	anel de vedação	anillo de sello
56	⁵ 1936209	2	Retaining ring	bague darrêt	Haltering	anel retentor	anillo de retención

¹ Inc 2, 3

² Inc 9, 10

³ Ref S.B. Group 965, No. 07, 9/86.

⁴ Inc. 6, 9, 13, 14, 17, 20, 24, 27 & 49

⁵ Ref S.B. Group 965, No. 10, 9/86.

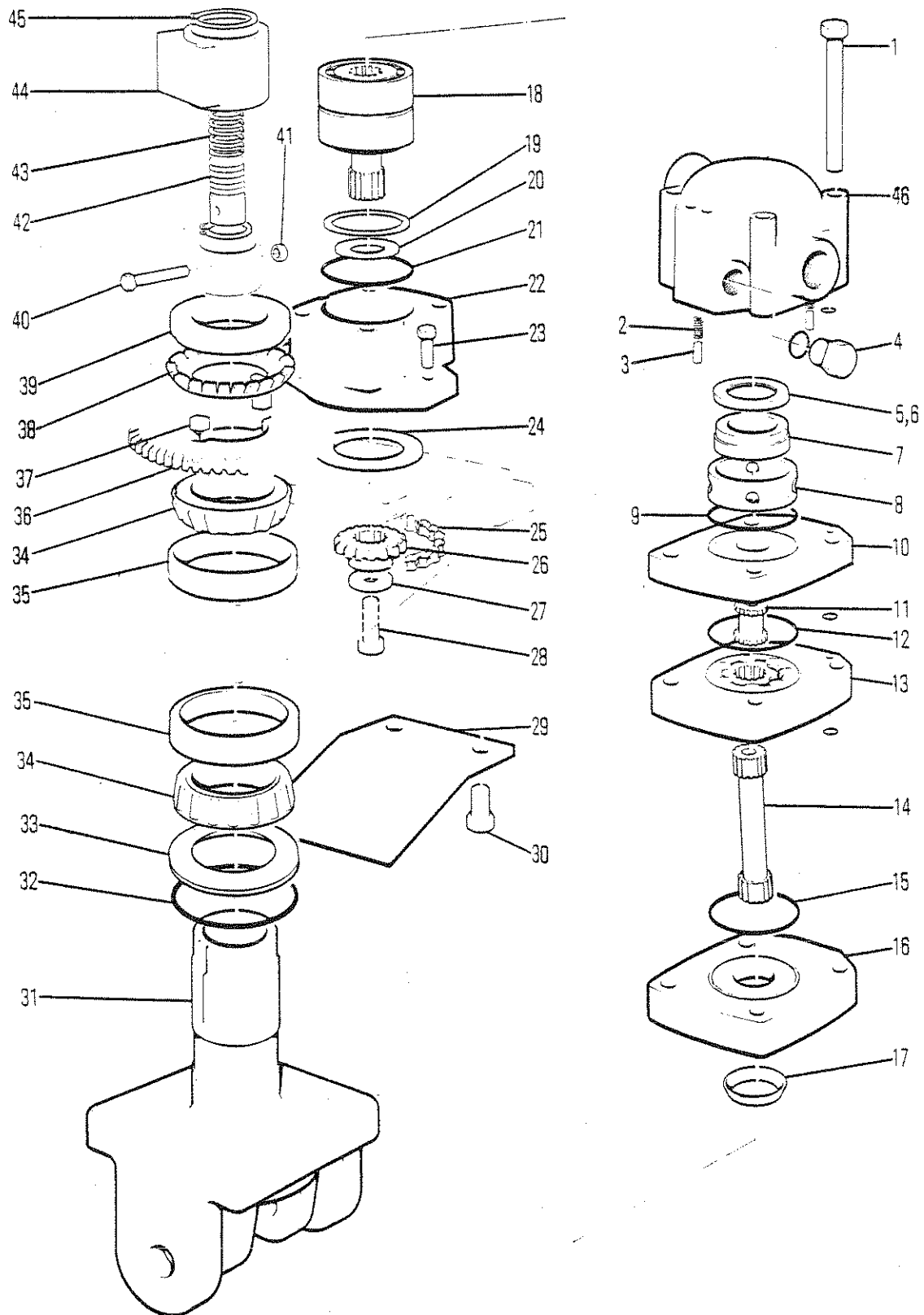
⁶ Inc 1 → 28, 48 & 49 No longer available. For service replacement, order 1937742 Rotating head.

⁶ Inc 1 → 28, 48 & 49 Plus disponible. Pour le remplacement, commander la tête rotative 1937742.

⁶ Inc 1 → 28, 48 & 49 Nicht mehr erhältlich. Zum Ersatz bestelle man den Drehkopf 1937742.

⁶ Inc 1 → 28, 48 & 49 Não disponibilidade. Para reposição ordene cabeça rotativa 1937742.

⁶ Inc 1 → 28, 48 & 49 No se produce más. Para el servicio de reemplazo, ordene cabeza giratoria 1937742.

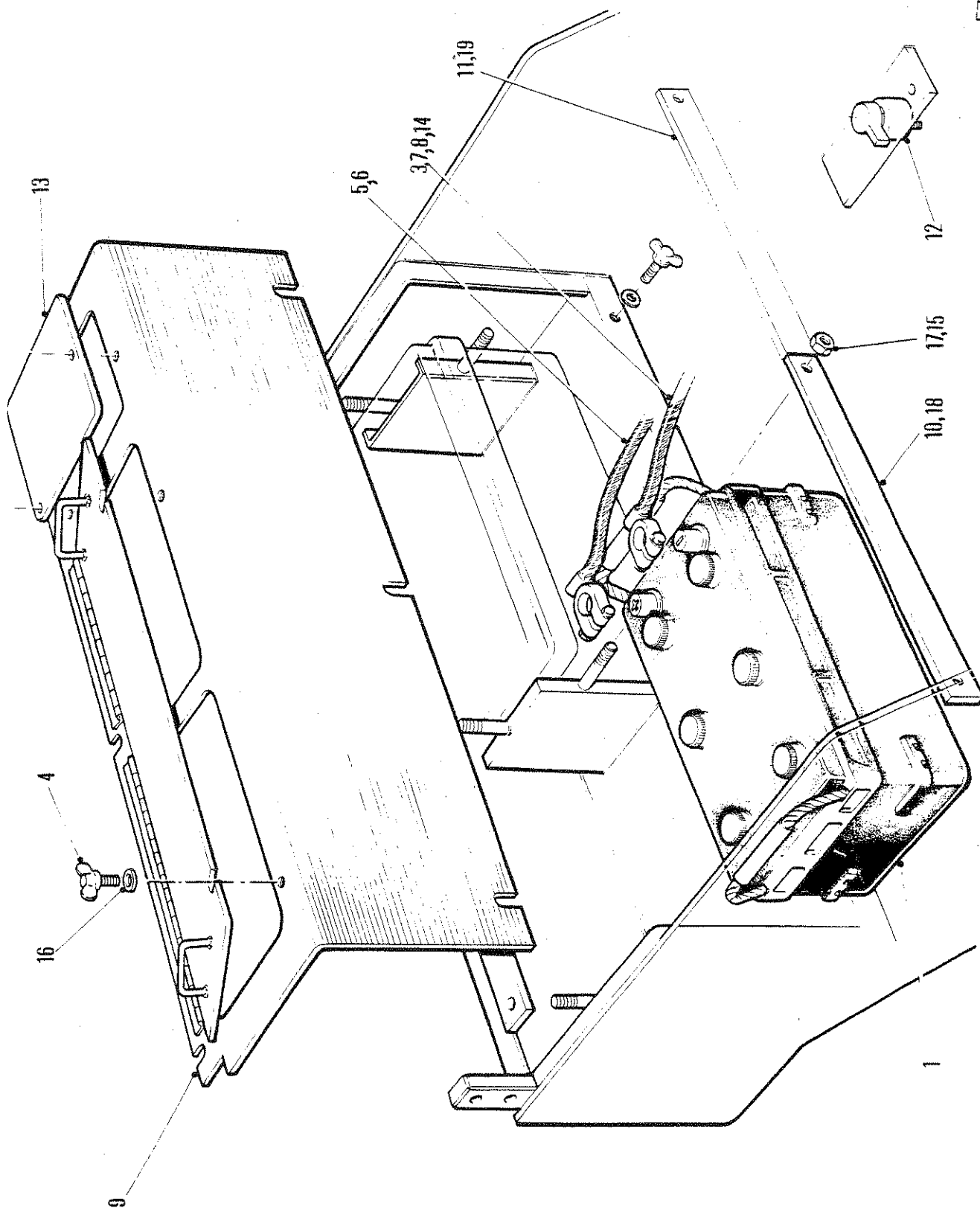


6672 TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1937742	1	Rotating head	tête rotatif	Drehkopf	cab rotativa	cab giratoria
1	1992487	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1992088	2	Spring	ressort	Feder	mola	resorte
3	1992102	2	Pin	goupille	Stift	pino	pasador
4	1992104	1	Plug assy	bouchon ens	Stopfen vollst	bujão conj	tapón conj
5	1992100	1	Seal	joint étanchéité	Dichtung	vedador	sello
6	1992486	1	Seal	joint étanchéité	Dichtung	vedador	sello
7	1992485	1	Ring	anneau	Ring	anel	anillo
8	1992484	1	Valve	soupape	Ventil	válvula	válvula
9	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
10	1992483	1	Plate	plaque	Platte	placa	placa
11	1992084	1	Valve	soupape	Ventil	válvula	válvula
12	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
13	1992482	1	Plate	plaque	Platte	placa	placa
14	1992481	1	Shaft	arbre	Welle	ávore	árbol
15	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
16	1992480	1	Plate	plaque	Platte	placa	placa
17	1992098	1	Seal	joint étanchéité	Dichtung	vedador	sello
18	1992479	1	Shaft&brg	jeu arbre&roulement	Wellen- Lagersatz	jogo rolamento	juego árbol cojinete
19	1992097	1	Seal	joint étanchéité	Dichtung	vedador	sello
20	1992407	1	Back-up ring	anneau de renfort	Stützring	anel do retrocesso	anillo de respaldo
21	1992096	1	Seal	joint étanchéité	Dichtung	vedador	sello
22	1992478	1	Housing	botier	Gehuse	carcaça	carcasa
23	73G000820	2	Bolt	boulon	Bolzen	parafuso	bulón
24	1992095	1	Seal	joint étanchéité	Dichtung	vedador	sello
25	1935454	1	Chain	chane	Kette	corrente	cadena
26	1934875	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
27	872229	1	Washer	rondelle	Scheibe	arruela	arandela
28	33C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
29	1931313	1	Cover	couvercle	Deckel	tampa	tapa
30	17C000616	2	Bolt	boulon	Bolzen	parafuso	bulón
31	1937460	1	Main shaft	arbre principal	Hauptwelle	eixo principal	árbol moto
32	25K040608	1	O-ring	joint torique	O Ring	anel-O	anillo-O
33	1928120	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
34	1318084	1	Cone	cône	Kegel	cone	cono
35	1318083	2	Cup	cuvette	Schale	capa	cubeta
36	1935381	1	Sprocket	empreinte	Kettenrad	roda denteada	rueda dentada
37	7J007008	2	Key	clavette	Keil	chaveta	chaveta
38	27H000122	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
39	24H000022	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
40	17C000880	1	Bolt	boulon	Bolzen	parafuso	bulón
41	59D000008	1	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
42	1931698	1	Shaft	arbre	Welle	ávore	árbol
43	1930909	6	Sealing Ring	bague d'étanchéité	Dichtungsring	anel de vedação	anillo de sello
44	1935470	1	Housing	botier	Gehuse	carcaça	carcasa
45	214337	2	Snap ring	circlips	Sperring	anel de trava	anillo de retención
46	1992089	1	Housing	botier	Gehuse	carcaça	carcasa

Inc 1 → 24



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	⁵ 1671369	1	Battery	batterie	Batterie	bateria	batería
2	[†] 1901749	1	Face plate	plaque desurface	frontplatte	chapa da sup	placa de frente
3	[†] 1919367	1	Cable	câble	Kabel	cabo	cable
4	1903932	10	Thumbscrew	vis à oreilles	Daumenschraube	parafuso de orelha	tornillo de mano
5	[†] 1908871	1	Cable	câble	Kabel	cabo	cable
6	1909978	1	Cable	câble	Kabel	cabo	cable
7	[†] 1909979	1	Cable	câble	Kabel	cabo	cable
8	[†] 1925973	2	Cable	câble	Kabel	cabo	cable
9	1919555	1	Battery cover	couvercle batterie	Batteriedeckel	capa da bateria	cubierta batería
10	² 1919562	2	Flat	méplat	Fläche	bloco plano	planchuela
11	[†] 1919563	2	Flat	méplat	Fläche	bloco plano	planchuela
12	1933179	1	Switch	interrupteur	Schalter	interruptor	interruptor
13	1922989	1	Cover	couvercle	Deckel	tampa	tapa
14	² 1923886	1	Cable	câble	Kabel	cabo	cable
15	^{3,4} 59D000005	2	Nut	écrou	Mutter	porca	tuerca
16	27E000006	10	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
17	59D000006	10	Nut	écrou	Mutter	porca	tuerca
18	³ 1928051	1	Hold down	installier	Nach unten Halten	restritor	restringir
19	⁴ 1923723	1	Hold down	installier	Nach unten Halten	restritor	restringir
20	^{3,4} 1923721	2	Hook	crochet	Haken	gancho	gancho

¹ CUM

² GM

³ □ 513H-991-CAC&→, 515H-1121-CAC&→

⁴ □ 500H-736-CAC&→

⁵ Cummins requires two - 2 - batteries

⁵ Cummins exige deux - 2 - batteries

⁵ Für Cummins sind zwei - 2 - Batterien notwendig

⁵ Cummins exigen duas - 2 - baterias

⁵ Cummins requiere dos - 2 - baterías

666CUM
666GM
666GMGR

500H-101-CAC&→500H-9999-CAC
513H-101-CAC&→513H-9999-CAC
515H-101-CAC&→515H-9999-CAC

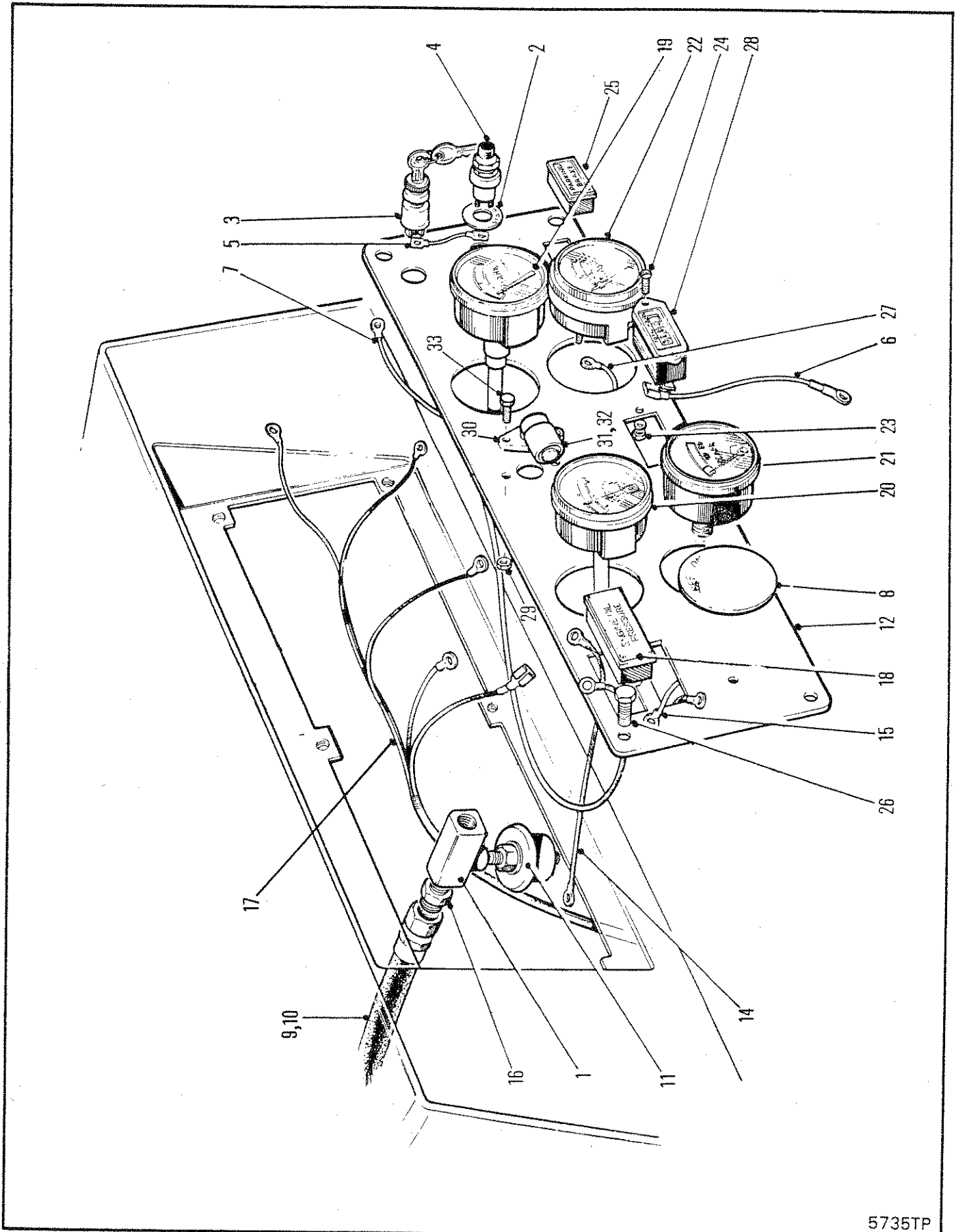
526H-101-CAC&→526H-9999-CAC

Ref 05754TP

001-86

2 H 2

GROUP F 1 10070



5735TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
2	547237	1	Decal	décalcanie	Abziehbild	decalcomania	calcomania
3	573548	1	Switch ignition	intrptr allumage	Zündschalter	intrptr ignição	intrptr encendido
4	600259	1	Starter button	bouton démarrage	Anlknopf	botão arranque	botón arranque
5	658487	1	Wire	fil	Draht	fio	cable
6	1549381	1	Wire	fil	Draht	fio	cable
7	1579311	1	Wire	fil	Draht	fio	cable
8	1901749	1	Plate	plaque	Platte	placa	placa
9	21913673	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	31914664	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
11	1615685	1	Switch	interrupteur	Schalter	interruptor	interruptor
12	1918985	1	Panel	panneau	Tafel	painel	panel
13	1920710	1	Light	lampe	Licht	lâmpada	lâmpara
14	1922019	1	Wire	fil	Draht	fio	cable
15	1922020	1	Wire	fil	Draht	fio	cable
16	38F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
17	41925911	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
18	1922032	1	Light	lampe	Licht	lâmpada	lâmpara
19	1922969	1	Gauge conv temp	jauge convertisseur	Tempmssr Drehmwndlr	termtro conversor	termtro convertidor
20	1922971	1	Gauge oil press	jauge press huile mot	Oldruckmesser Mot	manôm óleo motor	manóm aceite motor
21	1922970	1	Gaug water temp	jauge de temp eau	Wassertemp anz	med temper água	med temp agua
22	1922993	1	Ammeter	ampremtre	Amperemeter	amperímetro	amperímetro
23	12D000006	2	Nut	écrou	Mutter	porca	tuerca
24	85G000608	2	Bolt	boulon	Bolzen	parafuso	bulón
25	1923545	1	Light	lampe	Licht	lâmpada	lâmpara
26	66G001006	6	Bolt	boulon	Bolzen	parafuso	bulón
27	1923966	1	Wire	fil	Draht	fio	cable
28	6506826	1	Hourmeter	compteur dheures	Stundenzähler	horímetro	cuenta-horas
29	60D000004	2	Nut	écrou	Mutter	porca	tuerca
30	1901972	1	Flange	bride	Flansch	flange	brida
31	1529625	1	Indicator	indicateur	Messer	indicador	indicador
32	26F000001	1	Fitting	ajustage	Verbindung	ajuste	accesorio
33	18C000412	2	Bolt	boulon	Bolzen	parafuso	bulón

¹ Inc 23

² GM

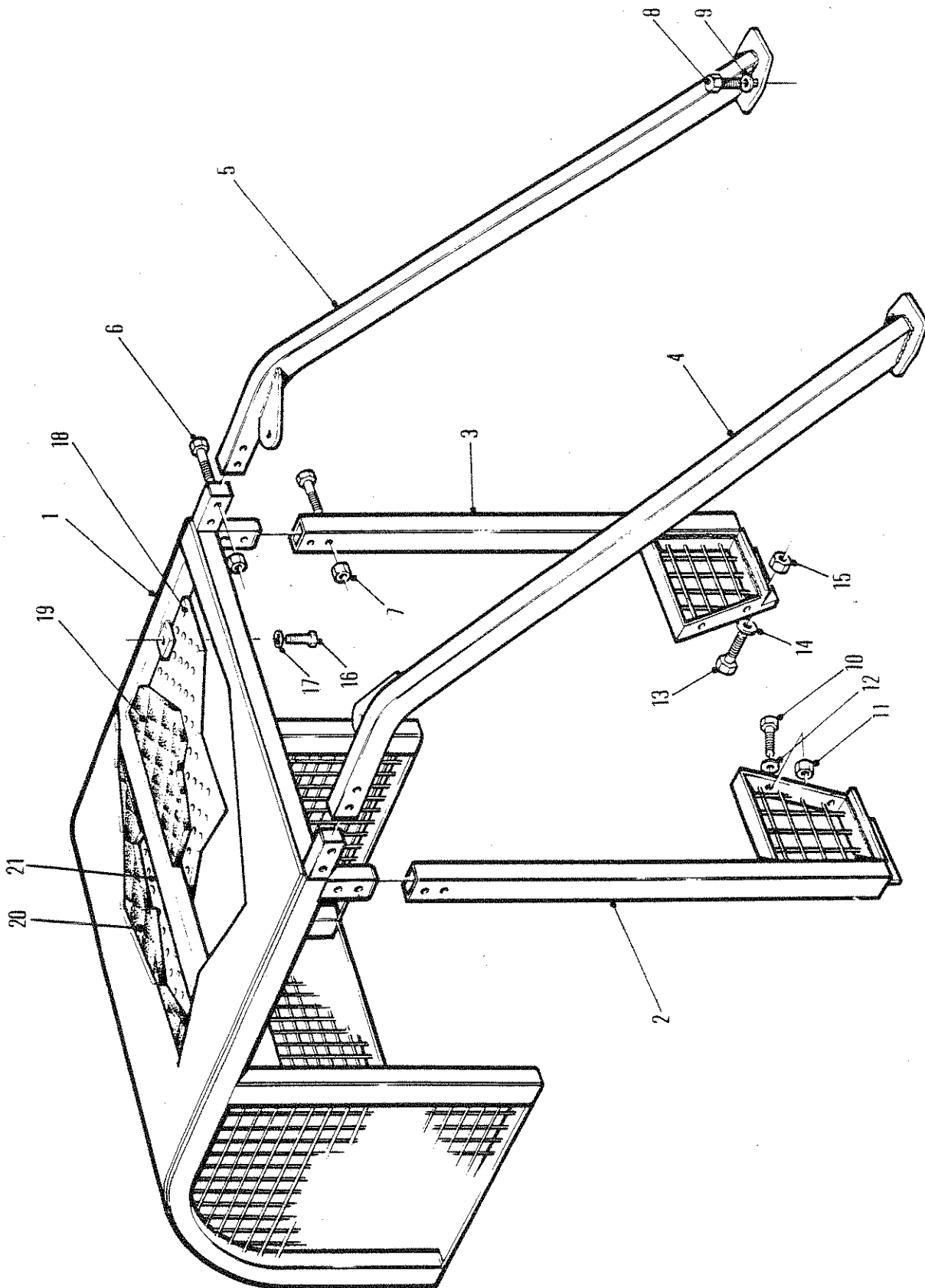
³ CUM

⁴ 664, 664GR, 666, 666GR

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC

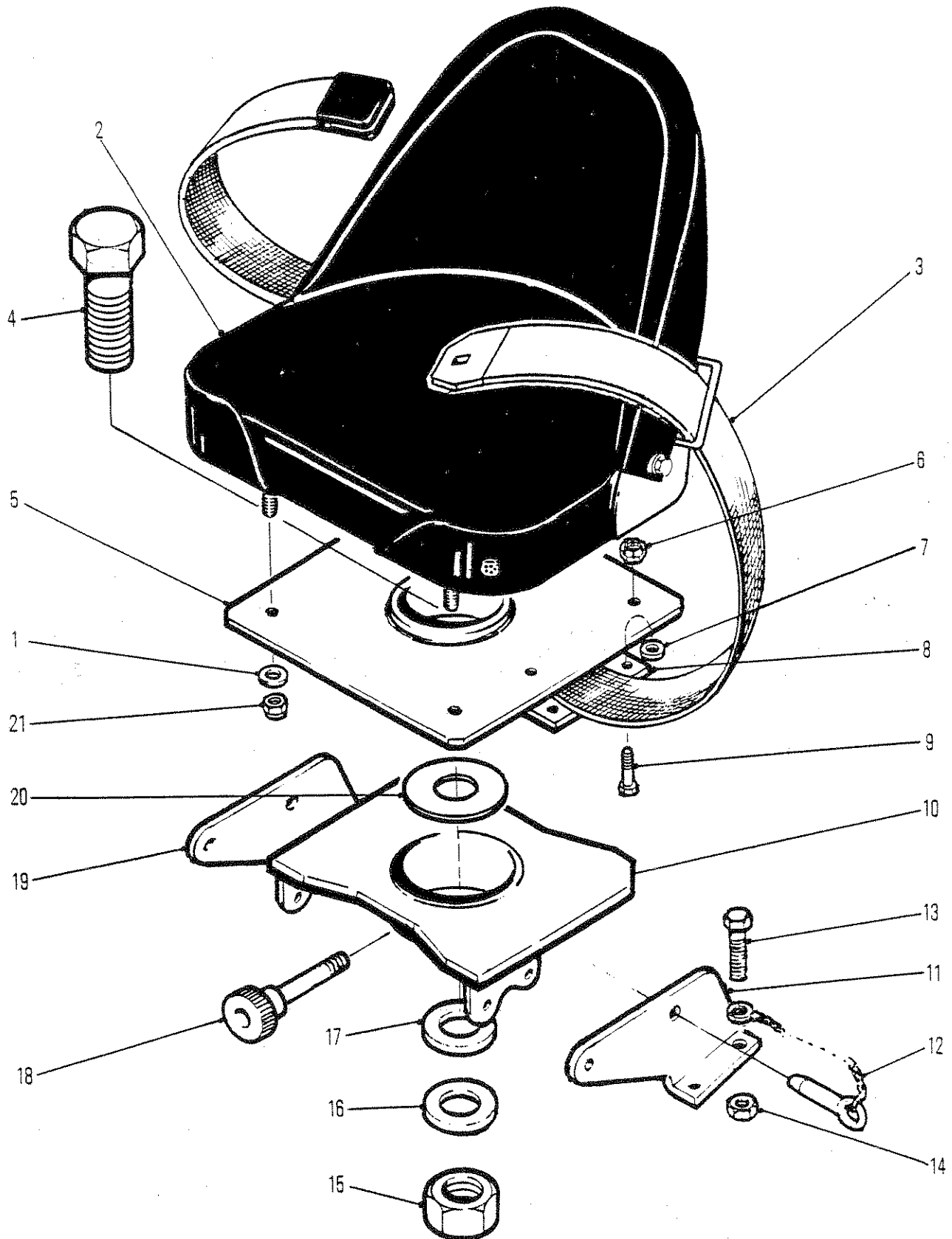


CANOPY
DAIS
SCHUTZDACH
DOSSEL
DOSEL

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	² 1918946	1	Canopy assy	ens dais	Schutzdach vollst	conj dossel	conj dosel
2	1919013	1	Leg assy RH	ens de jambage D	Stützengruppe R	conj de apoio LD	conj de patas LD
3	1919014	1	Leg assy LH	ens de jambage G	Stützengruppe L	conj de apoioLE	conj de patas LI
4	1920184	1	Rail assy RH	assemblage du rail D	Schieneinheit R	conj do trilho LD	conjunto rielLD
5	1920185	1	Rail assy LH	assemblage du rail G	Schieneinheit L	conj do trilho LE	conjunto riel LI
6	17C001048	16	Bolt	boulon	Bolzen	parafuso	bulón
7	59D000010	16	Nut	écrou	Mutter	porca	tuerca
8	33C001024	2	Bolt	boulon	Bolzen	parafuso	bulón
9	27E000010	2	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
10	17C001036	4	Bolt	boulon	Bolzen	parafuso	bulón
11	59D000010	4	Nut	écrou	Mutter	porca	tuerca
12	27E000010	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
13	17C000624	4	Bolt	boulon	Bolzen	parafuso	bulón
14	27E000006	8	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
15	59D000006	4	Nut	écrou	Mutter	porca	tuerca
16	134C000412	8	Bolt	boulon	Bolzen	parafuso	bulón
17	125E000014	8	Washer	rondelle	Scheibe	arruela	arandela
18	11921439	1	Cover	couvercle	Deckel	tampa	tapa
19	11921440	1	Insulation	isolation	Isolierung	isolamento	aisiación
20	11921437	1	Insulation	isolation	Isolierung	isolamento	aisiación
21	11921436	1	Cover	couvercle	Deckel	tampa	tapa

¹ □ 513H-101 → 975-CAC, 515H-101 → 820-CAC, 500H-101 → 625-CAC

² Inc 2 → 7



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	cojín 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	Sitzsperr	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

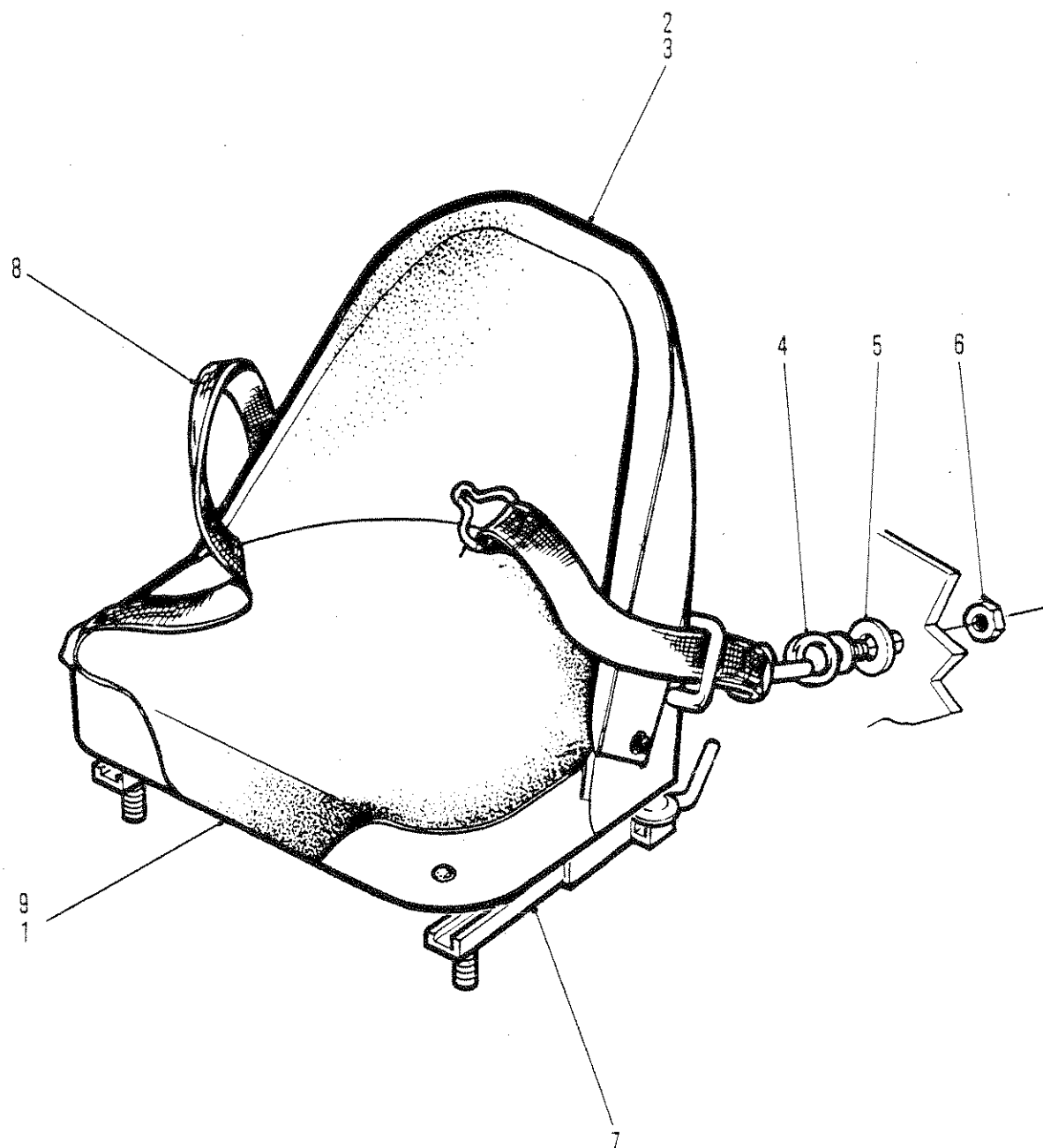
2 Ref RSG 334. For service replacement of complete seat assembly, order 1935739 seat. Ref Group F2 40300.

2 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.



6527TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A 1 ³	1930624	1	Seat assy	siège ens	Sitz vollst	assento conj	asiento conj
1	1992285	1	Cover seat	Converture de siège	Sitzdecke	Assento de cobertura	Cubierta para asiento
2	1992293	1	Cushion back	coussin dossier	Rückkissen	almofada espalda	cojín espalda
3	1992196	1	Cover back	couvercle arrière	Deckel, hinten	tapa traseira	tapa trasera
4	2522745	2	Bolt	boulon	Bolzen	parafuso	bulón
5	2522744	2	Washer	rondelle	Scheibe	arruela	arandela
6	60D000007	2	Nut	écrou	Mutter	porca	tuerca
7	1992231	1	Sliding track	roulement coulissant	Schiebspur	trilho correção	carril corredizo
8	2522107	1	Seat belt	courroie du siège	Sicherheitsgurt	cinto de segurança	cint seguridad
9	21992195	1	Cushion seat	coussin siege	Sitzkissen	almofada assento	cojín asiento

¹ Inc 1 → 3, 7 & 9

² Cushion Seat with cover

² Coussin siège avec couverture

² Sitzkissen mit Decke

² Assento de almofada com cobertura

² Cojín para el asiento con cubierta

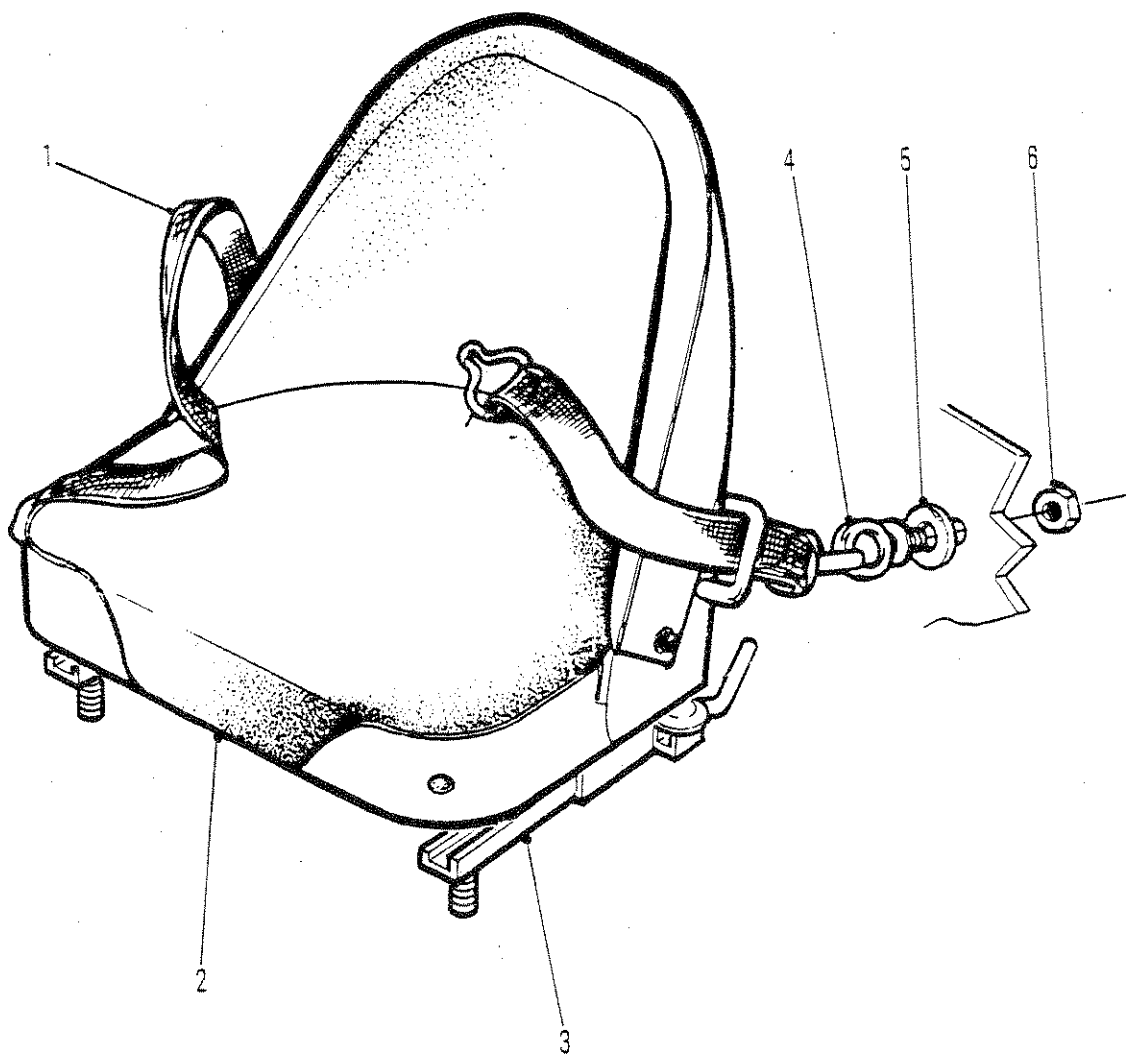
³ Ref RSG 334. Old style Seat Assembly 1922130 & 1930624 is no longer available. For service replacement, order 1935739 Seat Assembly. Ref F2 40300.

³ Ref RSG 334. L'ancien ensemble siège 1922130 & 1930624 n'est plus disponible. Pour le remplacement, commandez l'ensemble siège 1935739. Groupe de réf F2 40300

³ Ref RSG 334. Die alten Sitze 1922130 & 1930624 sind nicht mehr erhältlich. Zum Ersatz bestelle man Sitze 1935739. Referenzgruppe F2 40300.

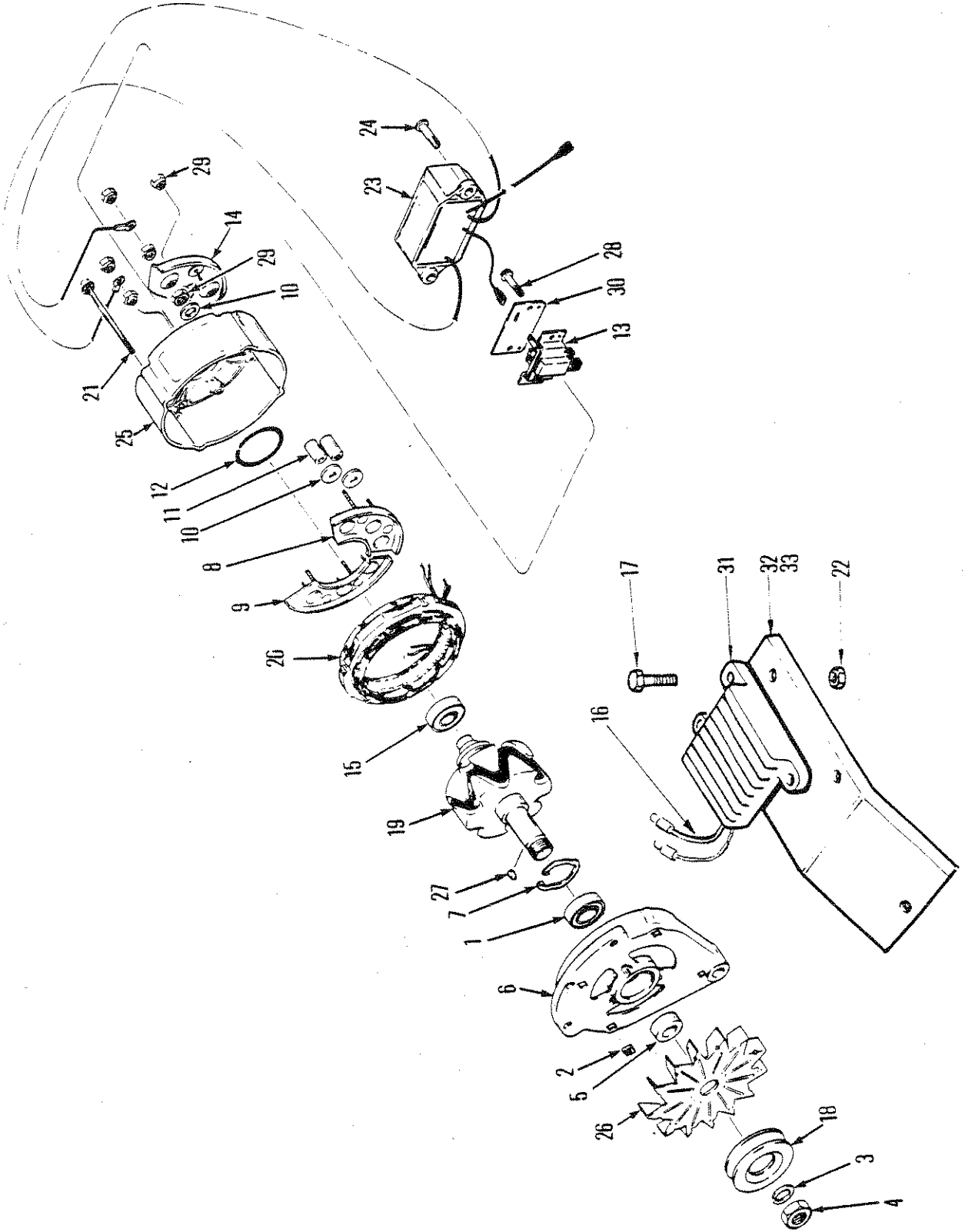
³ Ref RSG 334. O estilo antigo do conjunto do assento 1922130 & 1930624 não mais está disponível. Para reposição solicite o conjunto do assento 1935739. Grupo de referencia F2 40300.

³ Ref RSG 334. Del conjunto do asiento 1922130 & 1930624 de estilo antiguo no se produce más. Para su reemplazo ordene el conjunto de asiento 1935739. Referirse a Grupo F2 40300.



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

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



ALTERNATOR ALTERNATEUR ALTERNATOR ALTERNADOR ALTERNADOR

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
A	1907944	1	Alternator assy	ass de lalternat	Lichtmasch Einheit	conj do alternador	conj del altern
1	784950	1	Bearing	palier	Lager	mancal	cojinete
2	853847	4	Nut	écrou	Mutter	porca	tuerca
3	896978	1	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	896979	1	Nut	écrou	Mutter	porca	tuerca
5	896982	1	Spacer	entretoise	Distanzteil	espaçador	espaciador
6	896983	1	Housing	botier	Gehuse	carcaça	carcasa
7	896985	1	Retainer	arrêtoir	Halterung	retentor	retén
8	896988	1	Diode	diode	Diode	diodo	diodo
9	896989	1	Diode	diode	Diode	diodo	diodo
10	896990	4	Washer	rondelle	Scheibe	arruela	arandela
11	896991	2	Sleeve	manchon	Muffe	luva	manguito
12	896992	1	Retainer	arrêtoir	Halterung	retentor	retén
13	896994	1	Brush assy	ass de la brosse	Bürsteneinheit	conj de escovas	conj escobilla
14	990932	1	Isolation diode	isolation diode	Isolationsdiode	isolação do diodo	aislam diodo
15	1309108	1	Bearing	palier	Lager	mancal	cojinete
16	1303213	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
17	17C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
18	1990105	1	Pulley	poulie	Riemenscheibe	polia	polea
19	1990106	1	Rotor	rotor	Rotor	rotor	rotor
20	1990109	1	Stator	stator	Stator	estator	estator
21	1990194	4	Bolt	boulon	Bolzen	parafuso	bulón
22	59D00006	1	Nut	écrou	Mutter	porca	tuerca
23	1991937	1	Voltage regulator	régulateur tension	Spannungsregler	regulador voltagem	regulador voltaje
24	1990501	3	Bolt	boulon	Bolzen	parafuso	bulón
25	1990502	1	Housing	botier	Gehuse	carcaça	carcasa
26	1990503	1	Fan	ventilateur	Ventilator	ventilador	ventilador
27	6J000405	1	Key	clavette	Keil	chaveta	chaveta
28	18G000812	2	Bolt	boulon	Bolzen	parafuso	bulón
29	50D000010	6	Nut	écrou	Mutter	porca	tuerca
30	8-----	1	Cover	couvercie	Deckel	tampa	tapa
31	1917496	1	Load dump	bascul de chargemt	Lade-Kippvorrichtung	descarga de la presión	disposit carga entulhr
32	1917836	1	Bracket	support	Winkel	grampo	grampa
33	1919477	1	Bracket	support	Winkel	grampo	grampa
34	0-----	-	Alt belt	Courroie dalternateur	Alternatorriemen	Correia do alternador	Correa del alternador

¹ Inc 1 → 15, 19 → 21, 24 → 30

² Inc 30

³ Double groove

³ Gorge double

³ Doppelnut

³ Canelura dupla

³ Muesca doble

⁴ See item 13

⁴ Voir 13

⁴ Siehe 13

⁴ Veja 13

⁴ Véase 13

⁵ □ 500H-2446 → 9999-CAC

666CUM

666GM

666GMGR

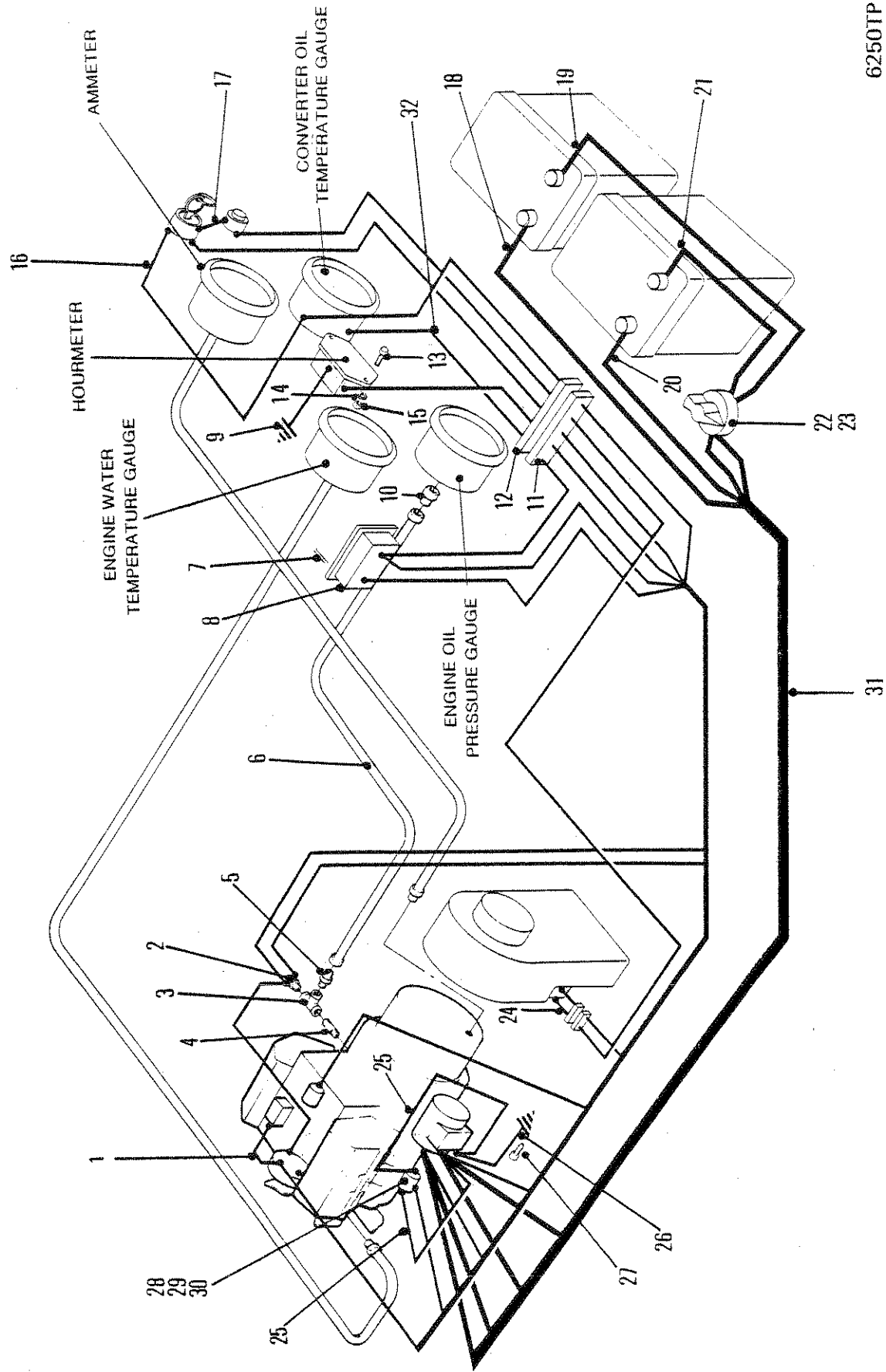
500H-101-CAC → 500H-9999-CAC

513H-101-CAC → 513H-3136-CAC

515H-101-CAC → 515H-1020-CAC

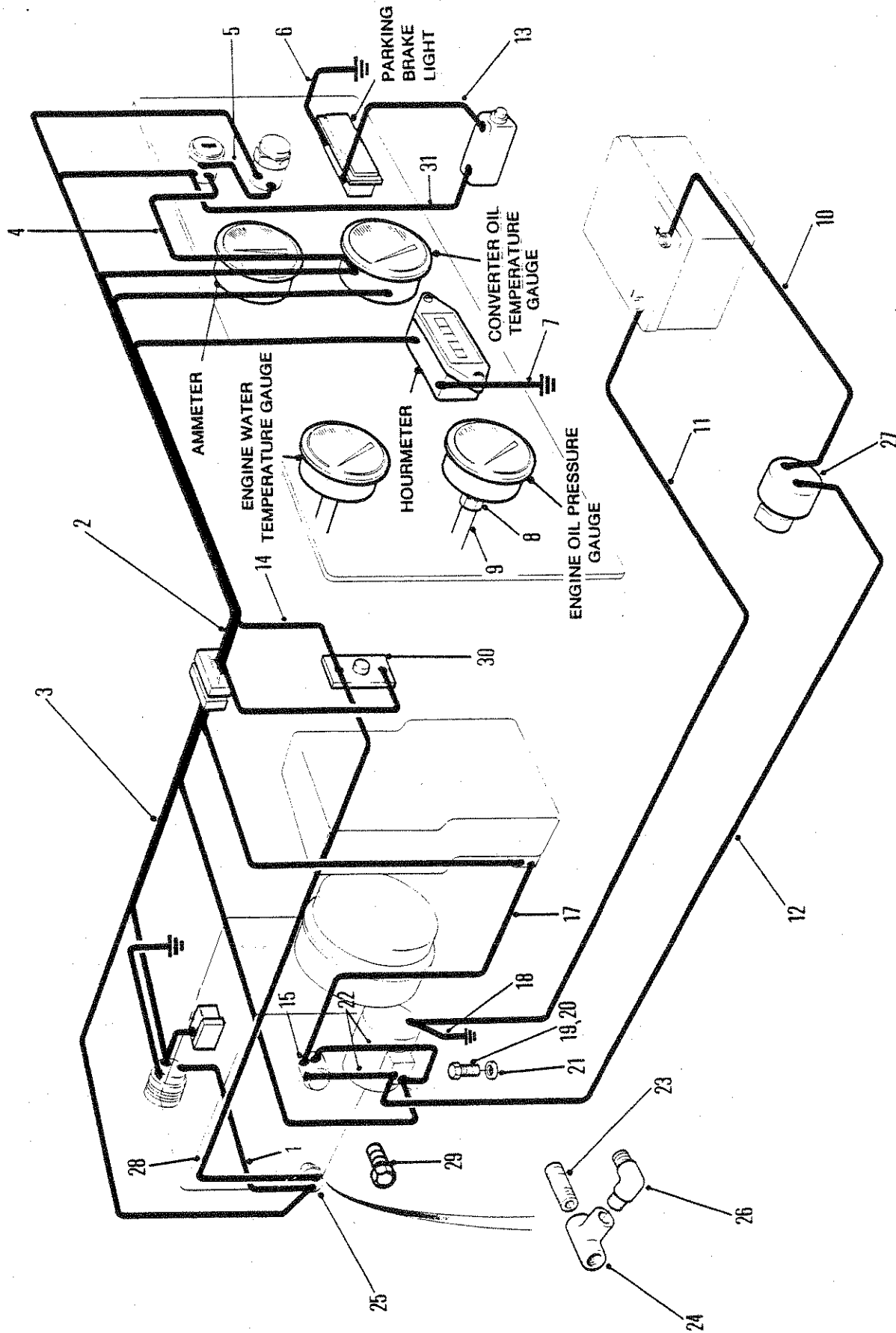
542H-101-CAC → 542H-522-CAC

6250TP



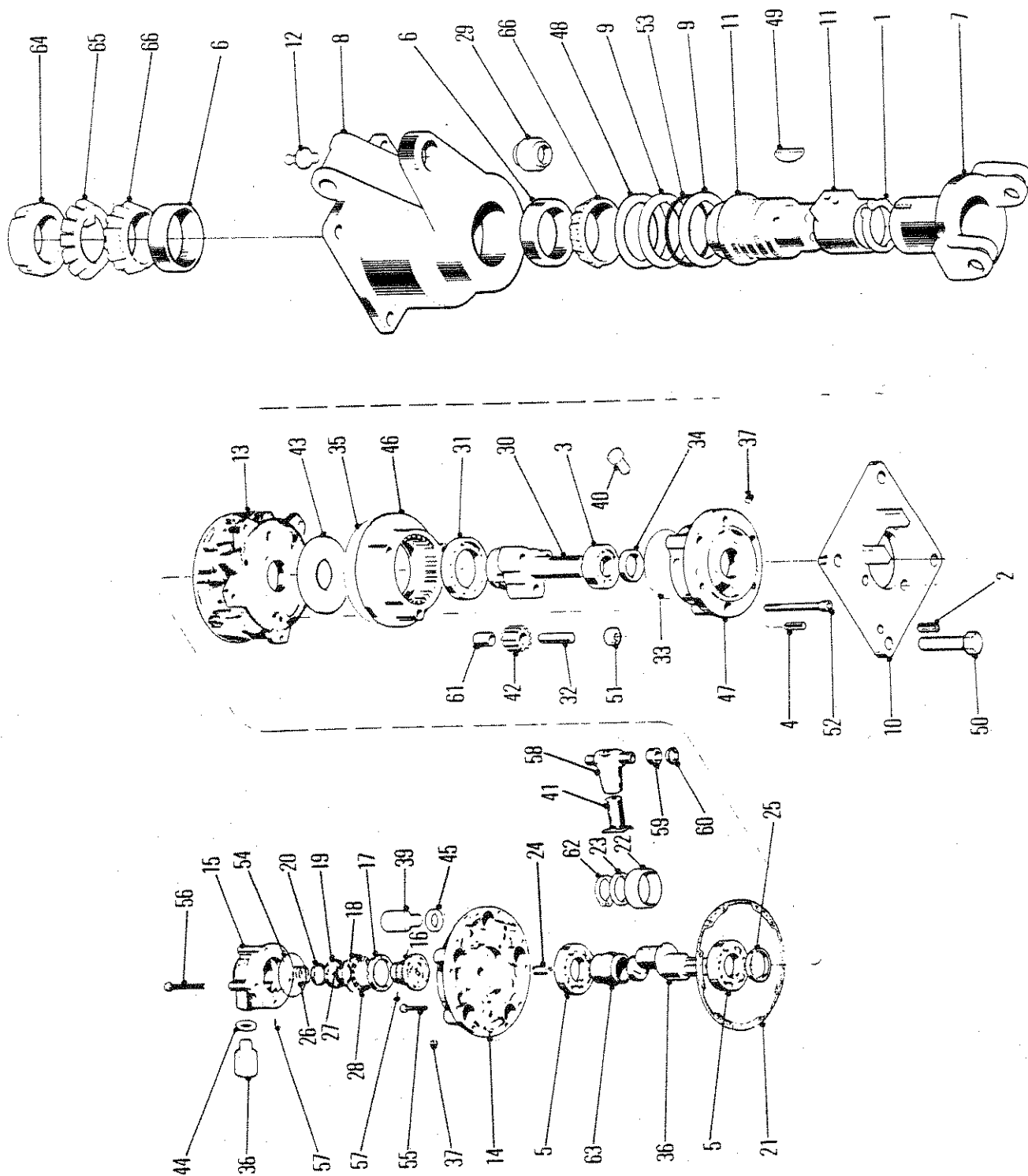
**ELECTRICAL SYSTEM
SYSTÈME ELECTRIQUE
ELEKTRISCHE ANLAGE
SISTEMA ELECTRICO
SISTEMA ELECTRICO**

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1303213	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
2	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
3	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
4	5K0000108	1	Nipple	raccord	Nippel	niple	niple
5	38F000003	1	Connector	raccord	Verbindungsstück	ligador	conector
6	1907167	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
7	85G000816	2	Bolt	boulon	Bolzen	parafuso	bulón
8	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
9	1900460	1	Ground wire	fil de terre	Massedraht	fio de terra	cable de tierra
10	43F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
11	1923946	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
12	1925911	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
13	85G000605	2	Bolt	boulon	Bolzen	parafuso	bulón
14	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
15	12D000006	2	Nut	écrou	Mutter	porca	tuerca
16	1925910	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
17	658487	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
18	1919367	1	Cable	câble	Kabel	cabo	cable
19	1909978	1	Cable	câble	Kabel	cabo	cable
20	1909979	1	Cable	câble	Kabel	cabo	cable
21	1908871	1	Cable	câble	Kabel	cabo	cable
22	1933179	1	Switch	interrupteur	Schalter	interruptor	interruptor
23	1901749	1	Plate	plaque	Platte	placa	placa
24	1909992	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
25	1530361	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
26	1906804	1	Ground wire	fil de terre	Massedraht	fio de terra	cable de tierra
27	34C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
28	551530	1	Switch	interrupteur	Schalter	interruptor	interruptor
29	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
30	59D000004	2	Nut	écrou	Mutter	porca	tuerca
31	1925973	1	Cable	câble	Kabel	cabo	cable
32	1925909	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj



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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1905779	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
2	1925911	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
3	1923885	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
4	1925910	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
5	658487	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
6	1925913	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
7	1900460	1	Ground wire	fil de terre	Massedraht	fio de terra	cable de tierra
8	43F000003	1	Fitting	ajustage	Verbindung	ajuste	accesorio
9	1911507	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
10	1909978	1	Cable	câble	Kabel	cabo	cable
11	1923886	1	Cable	câble	Kabel	cabo	cable
12	1923887	1	Cable	câble	Kabel	cabo	cable
13	1933726	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
14	1925909	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
15	551530	1	Switch	interrupteur	Schalter	interruptor	interruptor
16	17C000412	2	Bolt	boulon	Bolzen	parafuso	bulón
17	1909992	1	Wire	fil	Draht	fio	cable
18	1906804	1	Ground strap	ligne de masse	Massestriefen	guarn de terra	flete de tierra
19	33C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
20	34C000612	1	Bolt	boulon	Bolzen	parafuso	bulón
21	27E000006	2	Washer	rondelle	Scheibe	arruela	arandela
22	1530361	1	Wire harness	harnais fils	Kabelbaum	chicote fiação	mazo de cables
23	5K0000108	1	Nipple	raccord	Nippel	niple	niple
24	18F000001	1	Tee	raccord T	T-Verbindungsstück	te	te
25	636260	1	Switch	interrupteur	Schalter	interruptor	interruptor
26	42F000003	1	Elbow	coude	Winkelrohr	cotovêlo	codo
27	1933179	1	Switch	interrupteur	Schalter	interruptor	interruptor
28	1901749	1	Plate	plaque	Platte	placa	placa
29	85G000816	1	Screw	vis	Schraube	parafuso	tornillo
30	1902275	1	Circuit breaker	disjoncteur	Sicherungsautomat	disjuntor	cortacircuitos
31	1933725	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj



RANGER

CLARK

666

B

C

CAUTION

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

IN CASE OF FIRE:
STOP VEHICLE
LOWER ALL HYDRAULIC ACCESSORIES
STOP ENGINE
TURN BATTERY DISCONNECT SWITCH OFF
APPLY PARKING BRAKE
EXTINGUISH FIRE

1922792



CAUTION

THIS MACHINE EQUIPPED WITH AUXILIARY STEERING. IF ENGINE OR MAIN STEER PUMP FAILS:
—TURN AUXILIARY STEERING SWITCH ON
—SHUT MACHINE TO IMMEDIATE STOP
—DO NOT OPERATE MACHINE UNTIL PUMP IS REPAIRED

TEST PROCEDURE:
1. Turn auxiliary steering switch ON.
2. Operate machine at low speed.
3. Turn auxiliary steering switch OFF.
4. Machine should stop immediately.

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

LIGHTS

1924106

THROTTLE

1924106

CAUTION

TRAINED PERSONNEL ONLY MAY OPERATE THIS VEHICLE. REFER TO OPERATORS MANUAL FOR DETAILED OPERATING AND MAINTENANCE INSTRUCTIONS.

BEFORE OPERATING VEHICLE:
CHECK:
—SAFETY LINK REMOVED AND PROPERLY RETAINED
—ALL GUARDS AND COMPARTMENT COVERS IN PLACE
—FIRE EXTINGUISHER CHARGED
—SEAT BELT ON
—PARKING BRAKE OFF
—BRAKE AND STEERING CONTROLS OPERABLE

BEFORE LEAVING VEHICLE:
—LOWER ALL HYDRAULIC ACCESSORIES
—ENGAGE PARKING BRAKE
—ENGAGE NEUTRAL LOCK
—TURN ENGINE OFF
—TURN BATTERY MASTER SWITCH OFF
—CLEAN DEBRIS FROM ALL GUARDS AND COMPARTMENTS

1922795

IMPORTANT

THIS MACHINE IS EQUIPPED WITH A SAFETY LINK. IT IS A SAFETY FEATURE WHICH PREVENTS THE MACHINE FROM BEING OPERATED UNTIL THE SAFETY LINK IS PROPERLY ATTACHED. THE SAFETY LINK IS A METAL LINK WHICH IS ATTACHED TO THE MACHINE FRAME AND THE OPERATOR'S SEAT. IT MUST BE ATTACHED TO THE SEAT BEFORE THE MACHINE CAN BE OPERATED. IF THE SAFETY LINK IS NOT ATTACHED, THE MACHINE WILL NOT START. IF THE SAFETY LINK IS BROKEN OR DAMAGED, IT MUST BE REPLACED IMMEDIATELY.

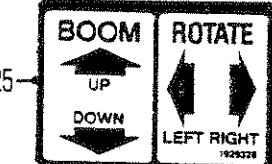
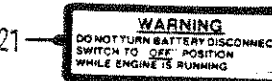
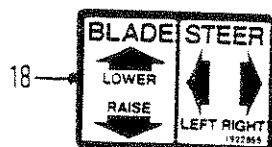
ARCH
DOWN
UP

GRAPPLE
CLOSED
OPEN

WARNING

—NO ROOM FOR MAN IN THIS AREA WHEN VEHICLE IS TURNING OR MOVING
—MAN IN THIS AREA NOT VISIBLE TO OPERATOR
—DO NOT STAND OR WORK IN THIS AREA WHEN ENGINE IS RUNNING
—USE SAFETY LINK WHEN SERVICING, LIFTING OR TRANSPORTING

1922797



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. ENGINE OIL	✓	✓	✓	✓	✓	✓
2. HYDRAULIC OIL	✓	✓	✓	✓	✓	✓
3. TRANSMISSION OIL	✓	✓	✓	✓	✓	✓
4. GREASE	✓	✓	✓	✓	✓	✓
5. AIR FILTER	✓	✓	✓	✓	✓	✓
6. FUEL FILTER	✓	✓	✓	✓	✓	✓
7. WATER PUMP	✓	✓	✓	✓	✓	✓
8. BATTERY	✓	✓	✓	✓	✓	✓
9. BELT TENSION	✓	✓	✓	✓	✓	✓
10. PNEUMATIC SYSTEM	✓	✓	✓	✓	✓	✓
11. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
12. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
13. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
14. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
15. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
16. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
17. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
18. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
19. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
20. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
21. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
22. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
23. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
24. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
25. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓

Lubricant Key

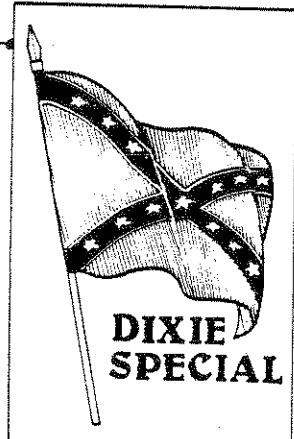
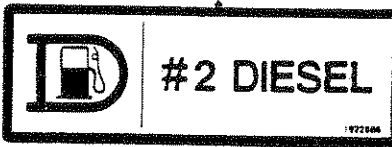
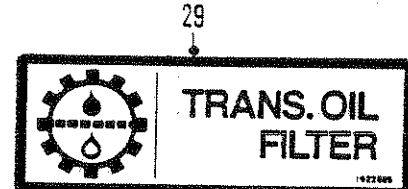
ITEM	10 HOUR OR DAILY SERVICE	50 HOUR OR WEEKLY SERVICE	100 HOUR OR 2 WEEKS SERVICE	250 HOUR OR MONTHLY SERVICE	500 HOUR OR 2 MONTH SERVICE	1000 HOUR OR 4 MONTH SERVICE
1. ENGINE OIL	✓	✓	✓	✓	✓	✓
2. HYDRAULIC OIL	✓	✓	✓	✓	✓	✓
3. TRANSMISSION OIL	✓	✓	✓	✓	✓	✓
4. GREASE	✓	✓	✓	✓	✓	✓
5. AIR FILTER	✓	✓	✓	✓	✓	✓
6. FUEL FILTER	✓	✓	✓	✓	✓	✓
7. WATER PUMP	✓	✓	✓	✓	✓	✓
8. BATTERY	✓	✓	✓	✓	✓	✓
9. BELT TENSION	✓	✓	✓	✓	✓	✓
10. PNEUMATIC SYSTEM	✓	✓	✓	✓	✓	✓
11. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
12. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
13. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
14. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
15. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
16. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
17. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
18. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
19. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
20. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
21. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓
22. PNEUMATIC CYLINDER	✓	✓	✓	✓	✓	✓
23. PNEUMATIC HOSE	✓	✓	✓	✓	✓	✓
24. PNEUMATIC FITTING	✓	✓	✓	✓	✓	✓
25. PNEUMATIC VALVE	✓	✓	✓	✓	✓	✓

26, 27

Grapple Lubrication

ITEM	10 HOUR OR DAILY SERVICE	50 HOUR OR WEEKLY SERVICE	100 HOUR OR 2 WEEKS SERVICE
26. ARCH CYLINDER PIN 4	✓	✓	✓
27. ARCH HINGE PIN 4	✓	✓	✓
28. ROTATING HEAD BEARING	✓	✓	✓
29. SUSPENSION PIN 4	✓	✓	✓
30. GRAPPLE CYLINDER PIN 4	✓	✓	✓
31. GRAPPLE HINGE PIN 4	✓	✓	✓
32. BOOM CYLINDER PIN 4	✓	✓	✓

28



36

CLARK

34

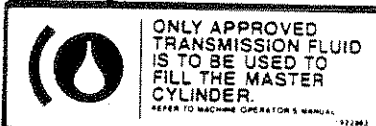
COVERED BY ONE OR MORE OF THE FOLLOWING PATENTS

UNITED STATES

2945344	2954040	3128752	3142195
3244679	3299135	3362714	3367356
3465609	3471566	3521750	3724585
3741343	3848620	3866705	3867750
3859216	3893345	3896705	3924667
3944682	3949626	3960371	3990686
4024922	4030775		

CANADA

PATENTED 1960 1966 1968 1968 1971 1973 1974



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	1937784	3	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
3	1513887	1	Tag Warning	étiquette d'avertis	Etikett Warnung	rótulo de aviso	etiqueta de adver
4	1934687	2	Decal 666C/black	décal 666C/noir	Abziehbild 666C/Schwarz	decal 666C/preto	calc 666C/negro
5	1921454	1	Decal green	décal vert	Abziehbild Grün	decal verde	calc verde
6	1921457	2	Decal B	décal B	Abzbld B	decal B	calc B
7	1921458	2	Decal C	décal C	Abzbld C	decal C	calc C
8	2534214	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
9	2536249	4	Decal Lift	décal lever	Abziehbild Heben	decal levantar	calcom levantar
10	1938453	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
11	1924106	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
12	1932689	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
13	1924108	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
14	1931327	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
15	1932775	1	Label	étiquette	Beschriftung	etiqueta	etiqueta
16	1922792	1	Decal Caution	décalco attention	Abziehbild Vorsicht	decalco atenção	calcomania atención
17	1929329	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
18	1922855	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
19	1924109	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
20	1924110	1	Decal Emgy Stop	décal arrêt urgence	Abzbld Notausschalt	decal parada emerge	calco parada emerge
21	1922864	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
22	1922838	1	Decal Emgy Brk	décal frn de secours	Abzbld Notbremse	decal freio emerg	calcom freno emerg
23	1924117	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
24	1922839	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
25	1930006	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
26	1929732	1	Decal Lube Inst	notice instr graissage	Abzbld Schmieranw	inst lube decal	calco inst del aceite
27	1929327	1	Decal Lube Inst	notice instr graissage	Abzbld Schmieranw	inst lube decal	calco inst del aceite
28	1923939	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
29	1922885	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
30	1922886	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
31	1913742	2	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
32	1922862	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
33	1922884	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
34	2534215	1	Decal Patent	décal brevet	Abz Patentnummera	decal de patente	cal de patente
35	1927527	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
36	2533051	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania
37	1922863	1	Decal	décalcamanie	Abziehbild	decalcomania	calcomania

¹ Quantity of 4 Decals required for grapple machines.

¹ 4 décalcomanies sont requises pur les machines à grappins

¹ Vier Klebeschilder werden benötigt für die Greifer

¹ Quantidade de 4 decalcomanias requeridas para máquinas de garra

¹ Cantidad de 4 calcomanias requerida para máquinas de agarre.

² 666 GR

³ GM

⁴ CUM

⁵ Used on machines with midmount brake.

⁵ S'utilise sur les machines avec un frein à montage central.

⁵ Für Maschinen mit Mittelstützenbremse.

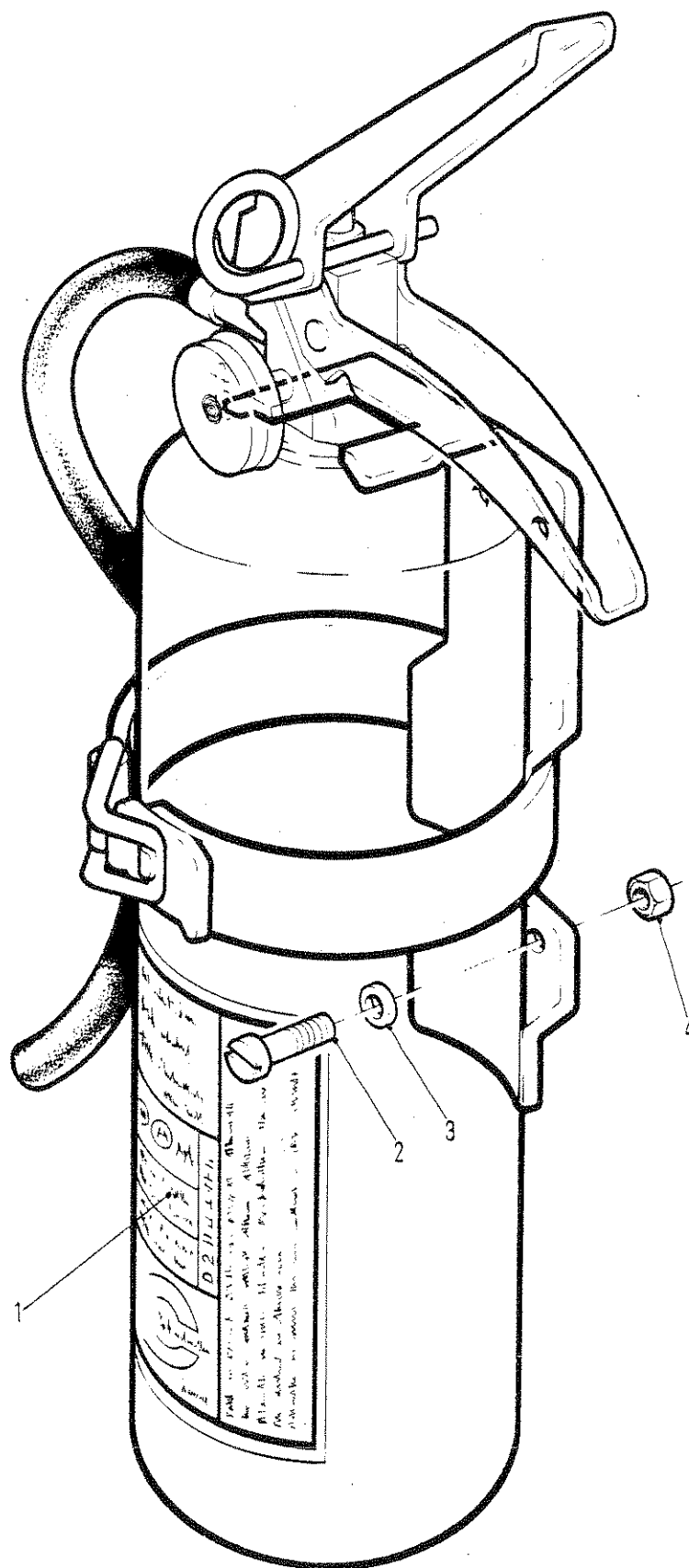
⁵ Se usa en las máquinas con freno de montaje intermedio.

⁵ Usado em máquina de freio com montante do meio.

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC



6607TP

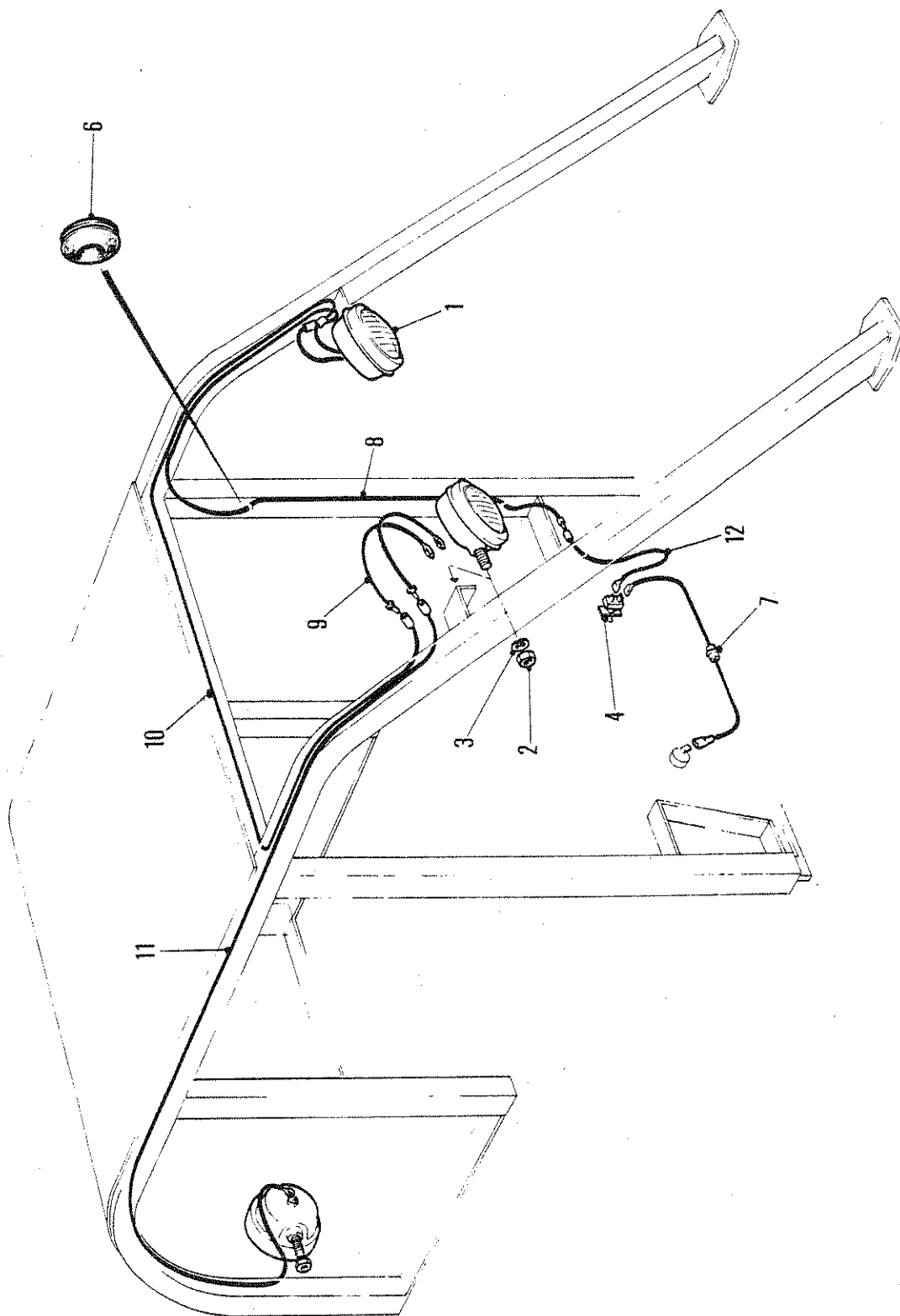
FIRE EXTINGUISHER
EXTINCTEUR À INCENDIE
FEUERLÖSCHER
EXTINTOR DE INCÊNDIO
EXTINTOR DE FUEGO

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

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

542H-101-CAC→542H-9999-CAC



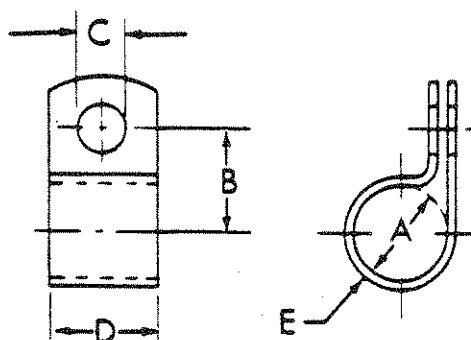
LIGHTS
PHARES
SCHEINWERFER-LEUCHTEN
LUZES
LUCES

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	547529	3	Headlight	phare	Scheinwerfer	farol	faro
2	61D000008	6	Nut	écrou	Mutter	porca	tuerca
3	4E000008	3	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
4	1501478	1	Switch toggle	intér mach artic	Kippschalter	interr de art	pal conmutador
5	12E000006	2	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
6	1021036	2	Grommet	oeillet	Augenring	ilhó	arandela pasacable
7	1926483	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
8	1926482	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
9	1926497	4	Wire assy	fil ens	Draht Ens	fio conj	cable conj
10	1926480	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
11	1926481	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj
12	1927616	1	Wire assy	fil ens	Draht Ens	fio conj	cable conj

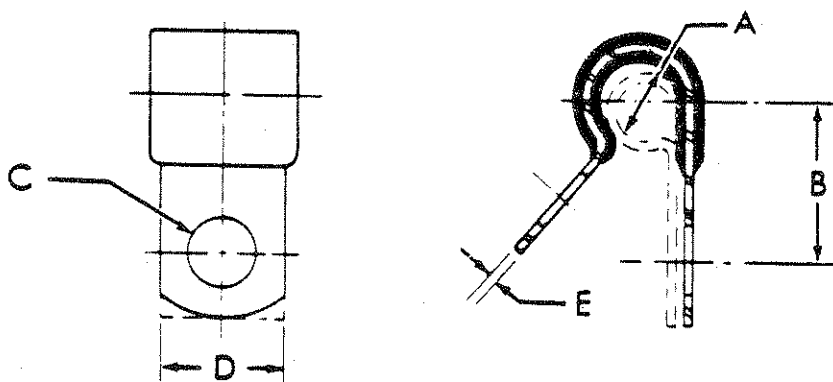
666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

526H-101-CAC→526H-9999-CAC
542H-101-CAC→542H-9999-CAC



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

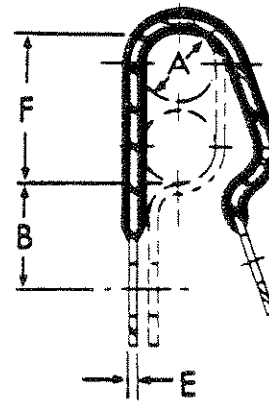
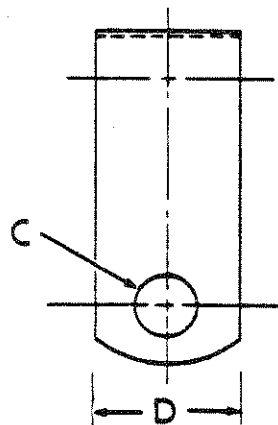


No.	Part No.	A	B	C	D	E					
11	30H-11	3/16	4.76	9/16	14.29	11/32	8.73	5/8	15.87	.032	0.81
12	30H-12	3/16	4.76	5/8	15.87	13/32	10.71	3/4	19.05	.032	0.81
13	30H-13	1/4	6.35	1/2	12.70	7/32	5.55	7/16	11.11	.032	0.81
14	30H-14	1/4	6.35	17/32	13.49	9/32	7.14	1/2	12.70	.032	0.81
15	30H-16	1/4	6.35	21/32	16.67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

5779TP (1 OF 2)

RANGER

DATA-F2-95000-0178

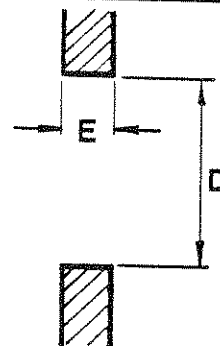
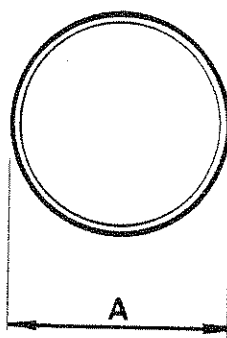


No.	Part No.		A		B		C		D		E		F
30	31H-09	1/4	6.35	3/8	9.52	7/32	5.55	7/16	11.11	.050	1.27	1/2	12.70
31	31H-19	3/8	9.52	17/32	13.49	13/32	10.32	3/4	19.05	.050	1.27	3/4	19.05
32	31H-20	3/8	9.52	19/32	15.08	15/32	11.90	7/8	22.22	.050	1.27	3/4	19.05
33	31H-31	9/16	14.29	17/32	13.49	13/32	10.32	3/4	19.05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

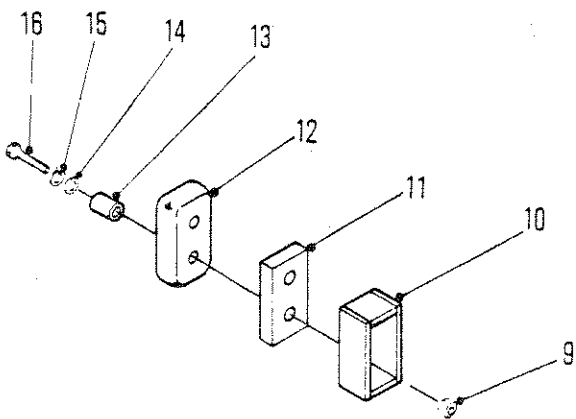
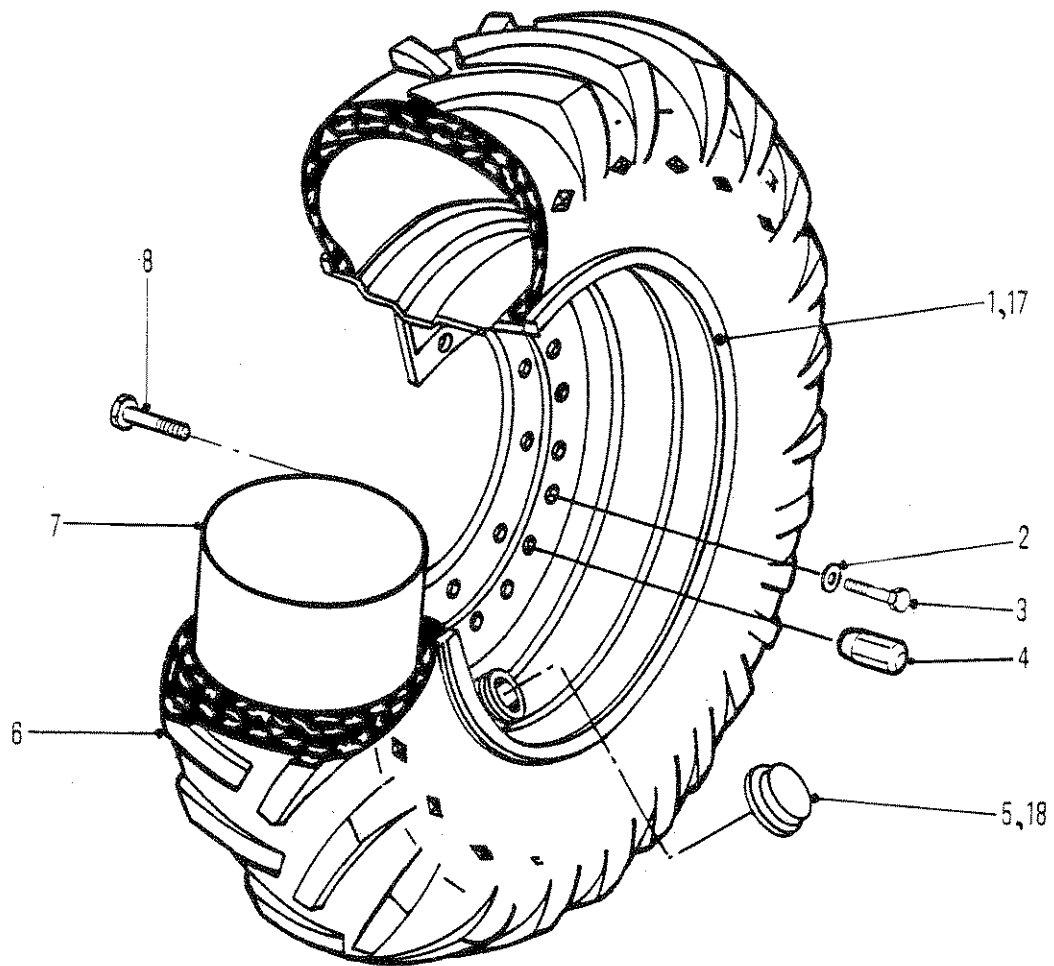
RANGER

DATA-F2-95050-0178



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

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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	1928604	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
18	1914255	4	Cap	chapeau	Kappe	tampa	tapa

1 □ 666Cable with 17800 FD & 19600 RD series axle

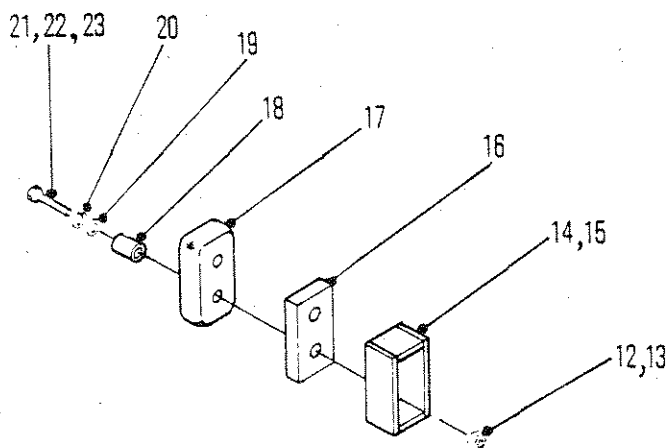
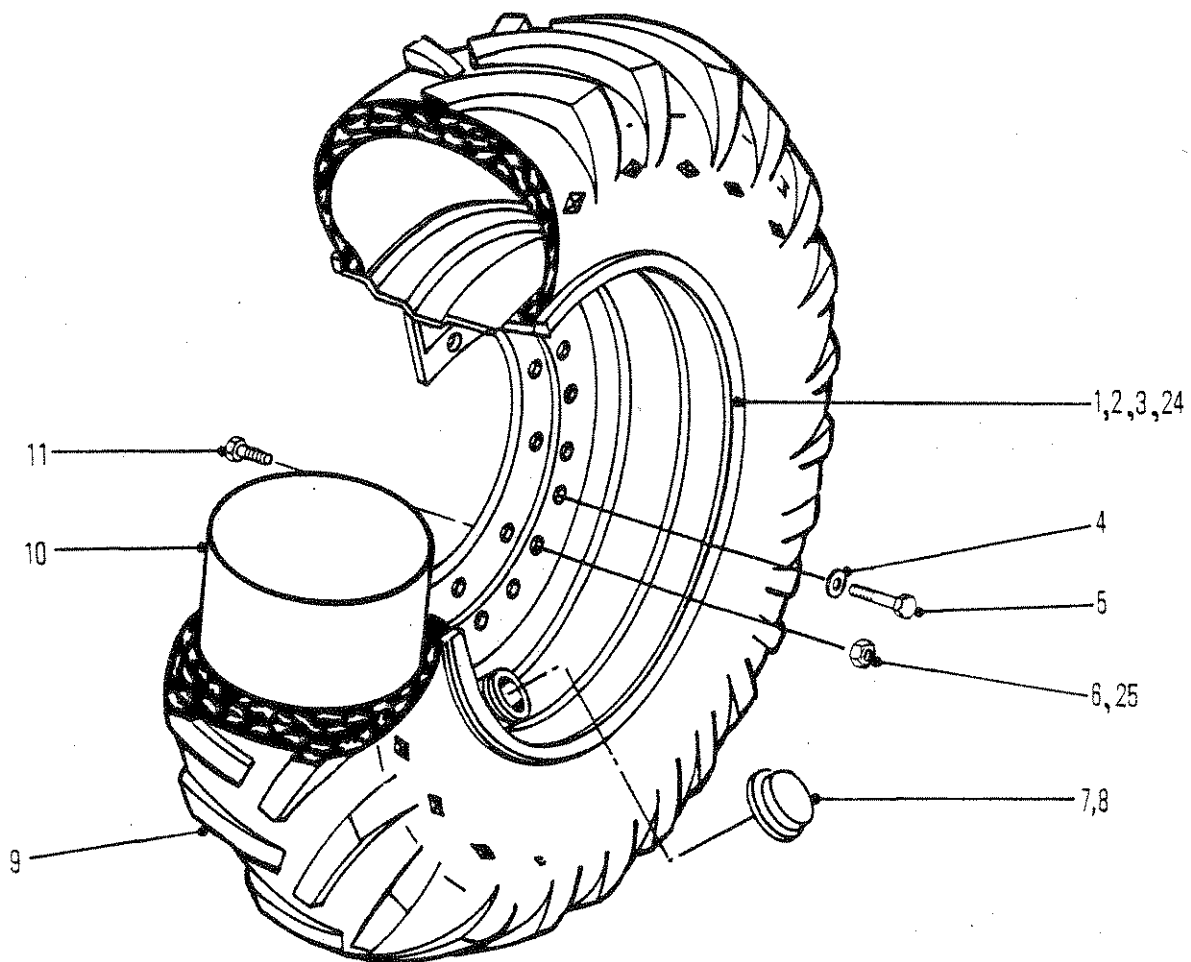
1 □ 666Cable avec essieux série 17800 FD & 19600 RD

1 □ 666Cable mit Achsen 17800 FD & 19600 RD

1 □ 666Cable com eixos série 17800 FD & 19600 RD

1 □ 666Cable con ejes serie 17800 FD & 19600 RD

2 □ 513H-851, 852, 996, 997, 1001, 1003-CAC&→, 500H-736-CAC&→, 542H-101-CAC&→, 528A-101-CAC&→.



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	11914717	4	Rim	jante	Felgen	aros	llanta
2	11911977	4	Rim	jante	Felgen	aros	llanta
3	21908254	4	Rim	jante	Felgen	aros	llanta
4	323E000016	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	317C001624	12	Bolt	boulon	Bolzen	parafuso	bulón
6	3103522	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	31991829	40	Bolt	boulon	Bolzen	parafuso	bulón
12	18D0000006	4	Nut	écrou	Mutter	porca	tuerca
13	-----	-	Nut	écrou	Mutter	porca	tuerca
14	21909062	2	Stop	butoir	Anschlag	batente	tope
15	11901775	2	Stop	butoir	Anschlag	batente	tope
16	11901771	4	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	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
23	-----	-	Bolt	boulon	Bolzen	parafuso	bulón
24	11927449	4	Rim	jante	Felgen	aros	llanta
25	11900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda

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 □ 666GR

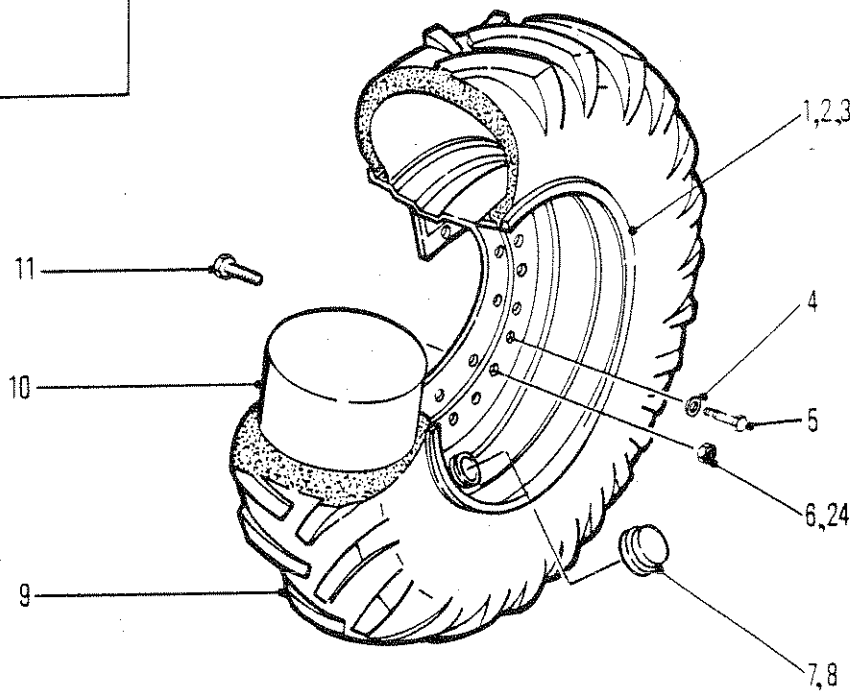
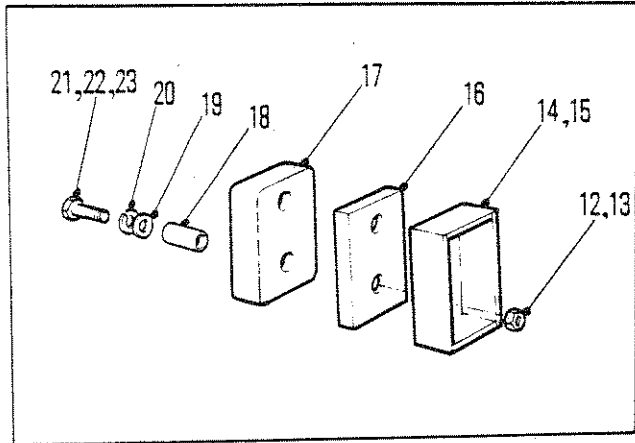
3 □ 1914717

4 □ 513H-851, 852, 996, 997, 1001, 1003-CAC&→, 500H-736→9999-CAC, 515H-1015→1020-CAC,

666CUM
666GM
666GMGR

500H-101-CAC→500H-9999-CAC
513H-101-CAC→513H-9999-CAC
515H-101-CAC→515H-9999-CAC

542H-101-CAC→542H-9999-CAC



5988TP

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	11914662	4	Rim	jante	Felgen	aros	llanta
2	41916648	4	Rim	jante	Felgen	aros	llanta
3	-----	-	Rim	jante	Felgen	aros	llanta
4	223E000008	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	217C000816	12	Bolt	boulon	Bolzen	parafuso	bulón
6	2103522	40	Nut	écrou	Mutter	porca	tuerca
7	31914255	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	21991829	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	-----	-	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	317C000620	4	Bolt	boulon	Bolzen	parafuso	bulón
23	-----	-	Bolt	boulon	Bolzen	parafuso	bulón

1 □ 667GR, 664 Cable & 666 GR

2 □ 1916648

3 □ 664GR

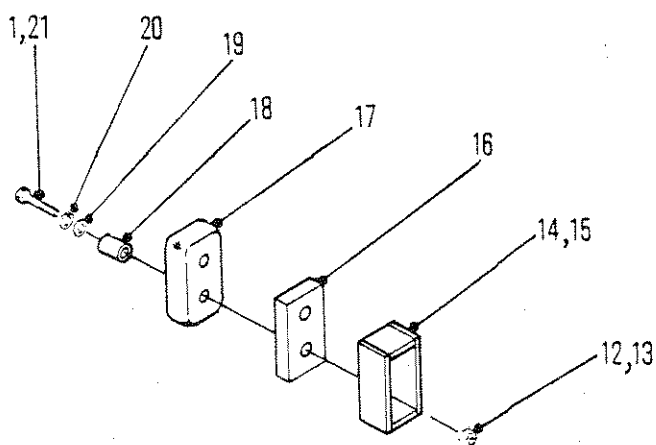
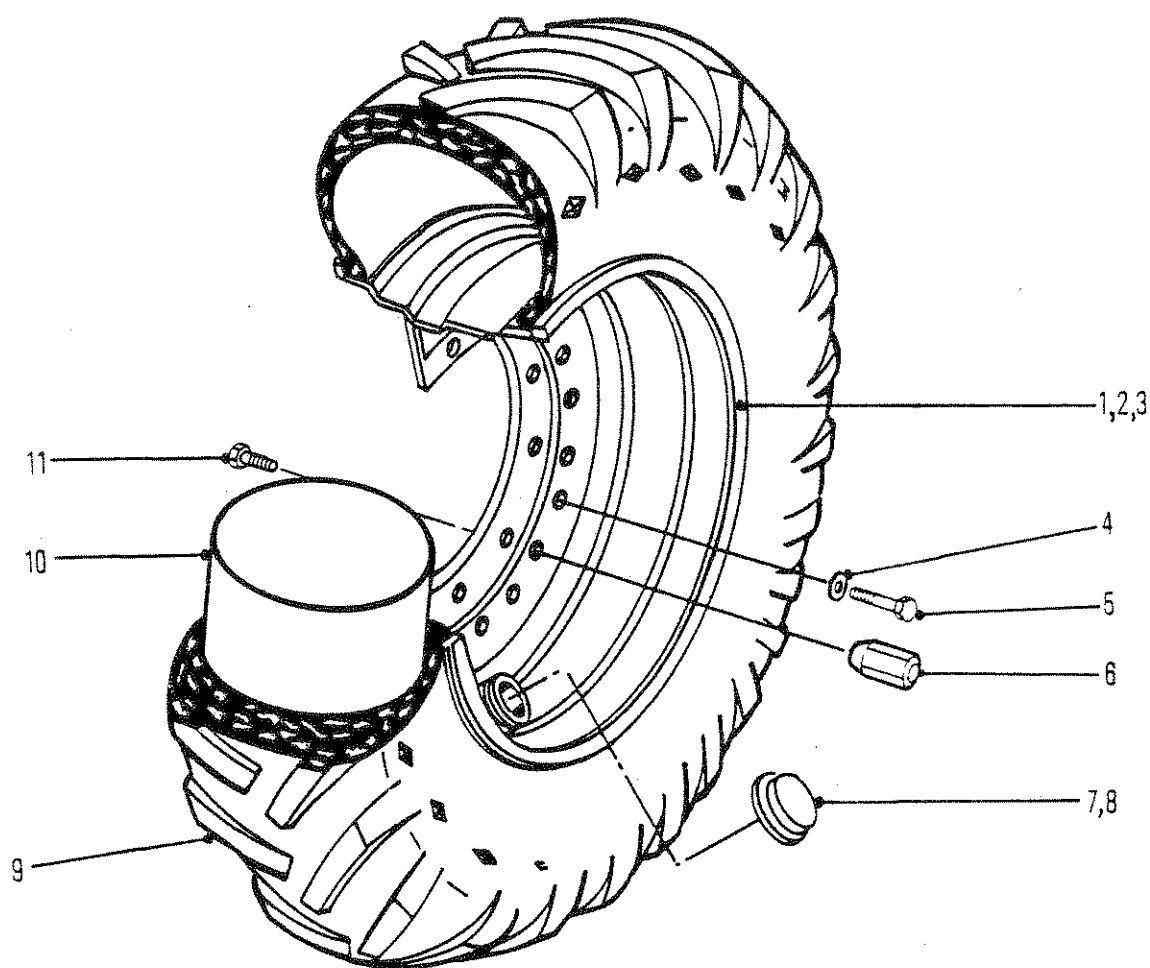
4 □ 664GR & 666 Cable

666CUM
666GM
666GMGR

500H-101-CAC⇒500H-735-CAC
513H-101-CAC⇒513H-850-CAC
515H-101-CAC⇒515H-1014-CAC

513H-853-CAC⇒513H-995-CAC

513H-998-CAC⇒513H-1000,1002

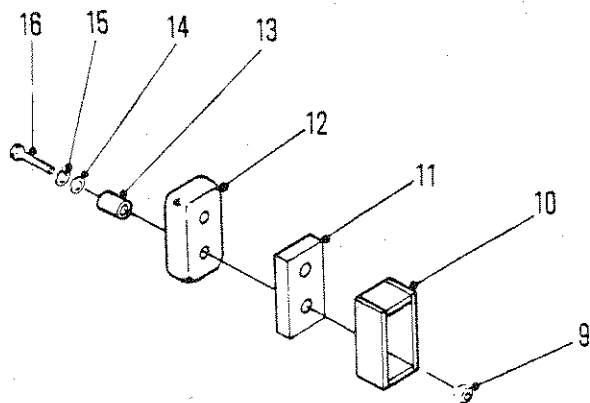
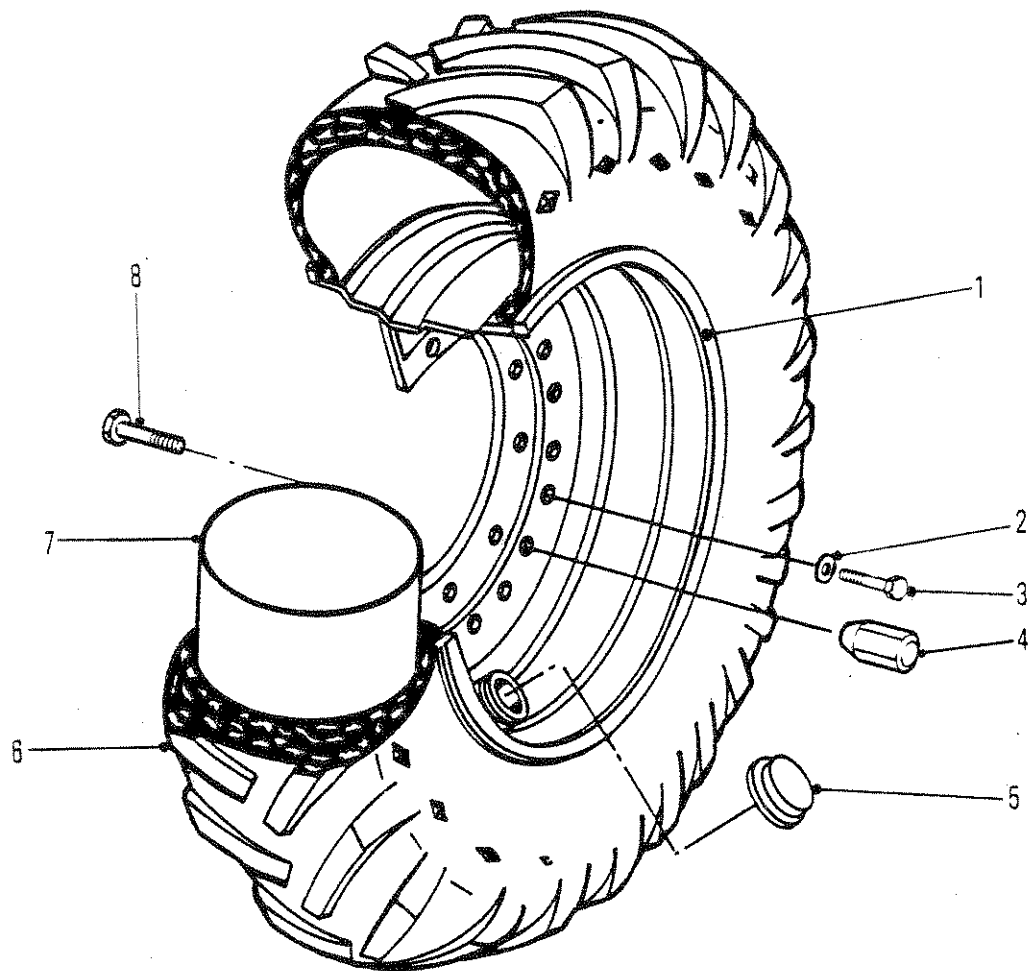


5988TP

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	17C000632	4	Bolt	boulon	Bolzen	parafuso	bulón
2	1927447	4	Rim	jante	Felgen	aros	llanta
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	-----	-	Bolt	boulon	Bolzen	parafuso	bulón

1 □ 500H-736 → 9999-CAC, 513H-851,852,996,997,1001,1003-CAC & →

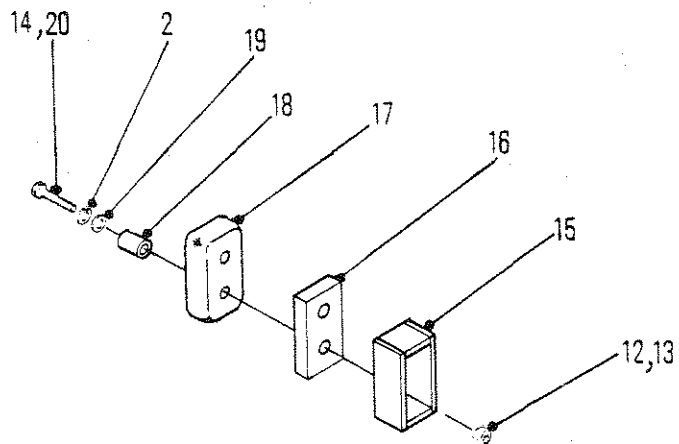
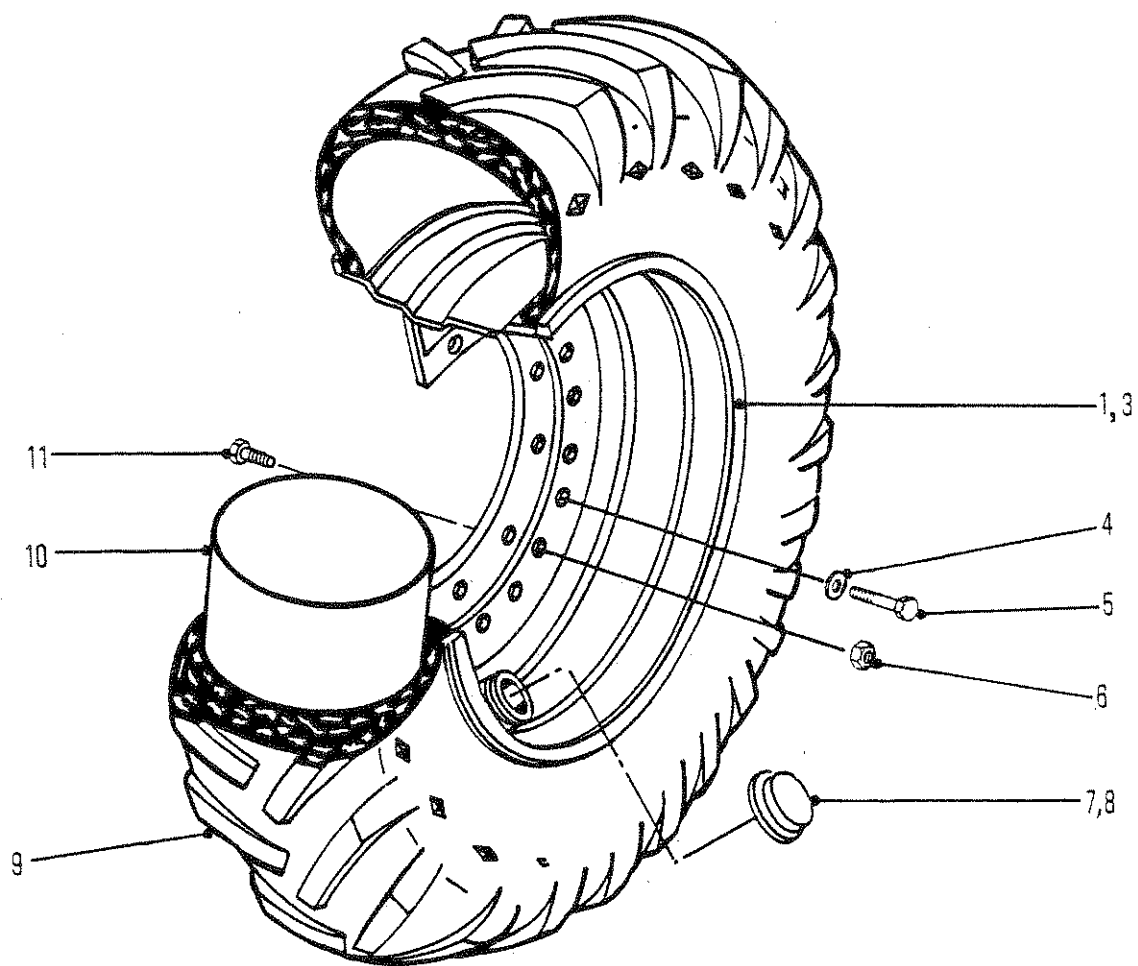


5986TP

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	ilanta
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

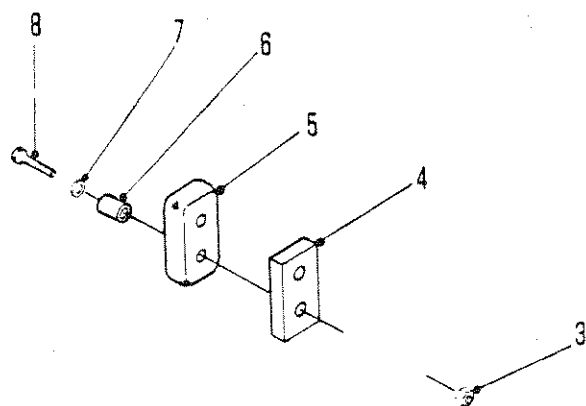
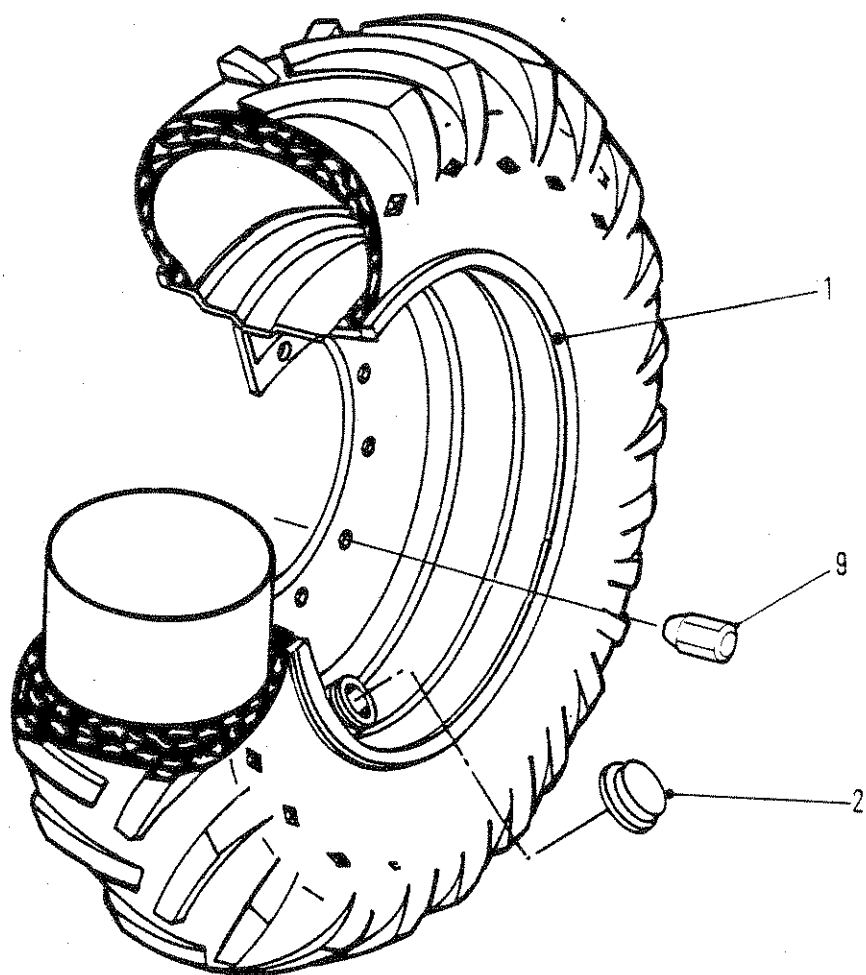
- ☐ 666 machines equipped with FD & RD 17800 series axle & 664 machines equipped with FD & RD 17600 series axle
☐ engins 666 équipés d'essieux séries 17800 FD & RD & engins 664 équipés d'essieux séries 17600 FD & RD
☐ Maschinen 666 mit Achsen, Serien 17800 FD & RD & Maschinen 664 mit Achsen, Serien 17600 FD & RD
☐ Maquinas 666 equipadas com eixos da série 17800 FD & RD & Maquinas 664 equipadas com eixos da série 17600 FD & RD
☐ Aparatos 666 provistas de ejes serie 17800 FD & RD & Aparatos 666 provistas de ejes serie 17800 FD & RD



5988TP

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

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1908248	4	Rim	jante	Felgen	aros	llanta
2	25E000006	4	Washer	rondelle	Scheibe	arruela	arandela
3	-----	-	Rim	jante	Felgen	aros	llanta
4	23E000016	12	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
5	17C001624	12	Bolt	boulon	Bolzen	parafuso	bulón
6	103522	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	1991829	40	Bolt	boulon	Bolzen	parafuso	bulón
12	-----	-	Nut	écrou	Mutter	porca	tuerca
13	-----	-	Nut	écrou	Mutter	porca	tuerca
14	17C000656	4	Bolt	boulon	Bolzen	parafuso	bulón
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	25E000006	4	Lockwasher	rondelle frein	Sicherungsscheibe	arruela de pressão	arandela seguridad
21	17C000656	4	Bolt	boulon	Bolzen	parafuso	bulón
22	-----	-	Bolt	boulon	Bolzen	parafuso	bulón



6247TP

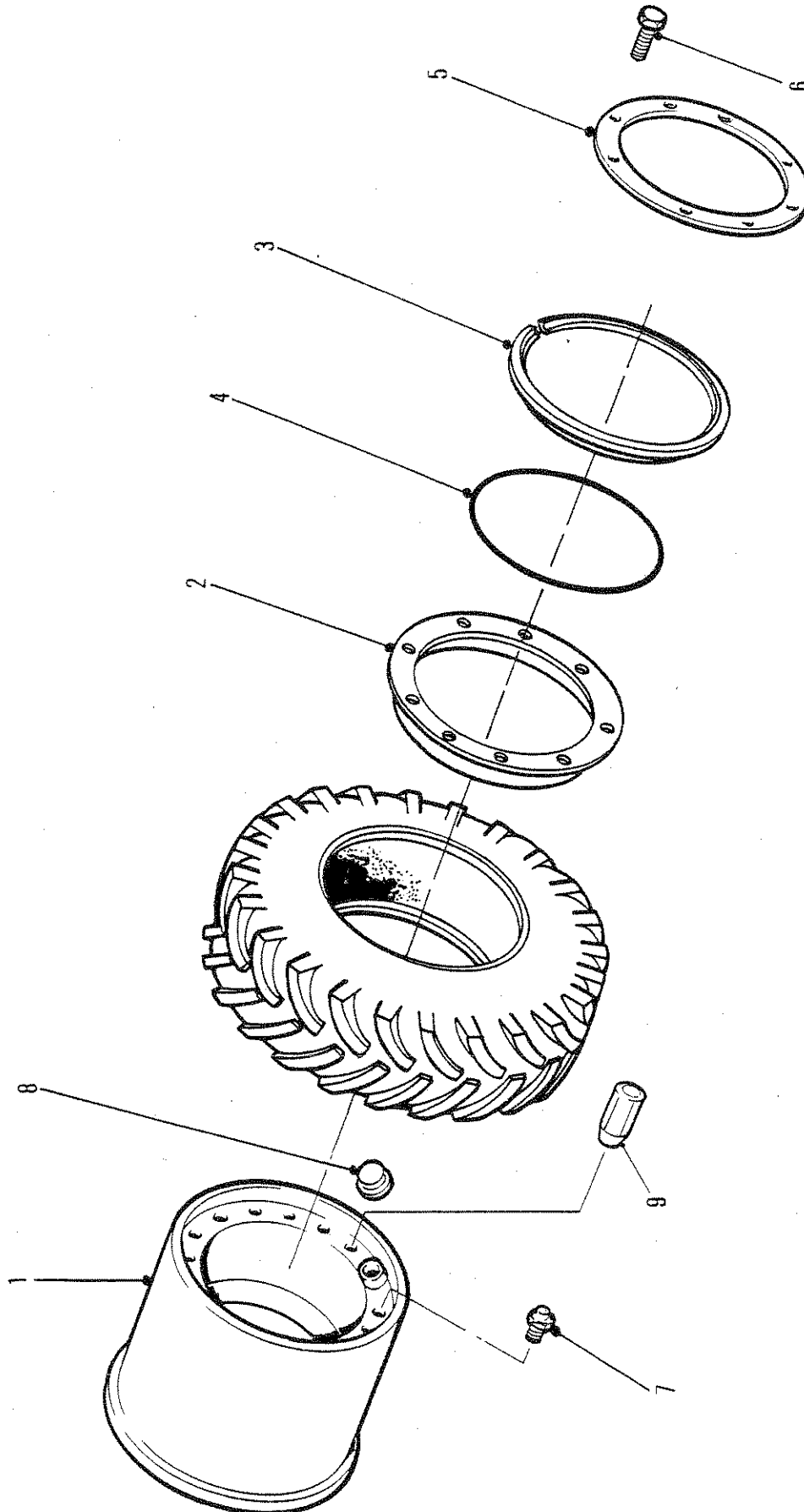
RIM ASSEMBLY - 23.1 X 26 TIRES
ASSEMBLAGE DE LA JANTE - 23.1 X 26 PNEUMATIQUE
FELGENHEIT - 23.1 X 26 REIFEN
CONJUNTO DE AROS - 23.1 X 26 PNEUMÁTICO
CONJUNTO ILANTA - 23.1 X 26 PNEUMÁTICO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1929973	4	Rim assy	ass de la jante	Feigeneinheit	conj de aros	conj llanta
2	1914255	4	Cap	chapeau	Kappe	tampa	tapa
3	59D000008	4	Nut	écrou	Mutter	porca	tuerca
4	1928742	2	Spacer	entretoise	Distanzteil	espaçador	espaciador
5	1903679	2	Stop	butoir	Anschlag	batente	tope
6	1903680	4	Spacer	entretoise	Distanzteil	espaçador	espaciador
7	27E000010	4	Washer	rondelle	Scheibe	arruela	arandela
8	17C000836	4	Bolt	boulon	Bolzen	parafuso	bulón
9	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda

666CUM
666GM
666GMGR

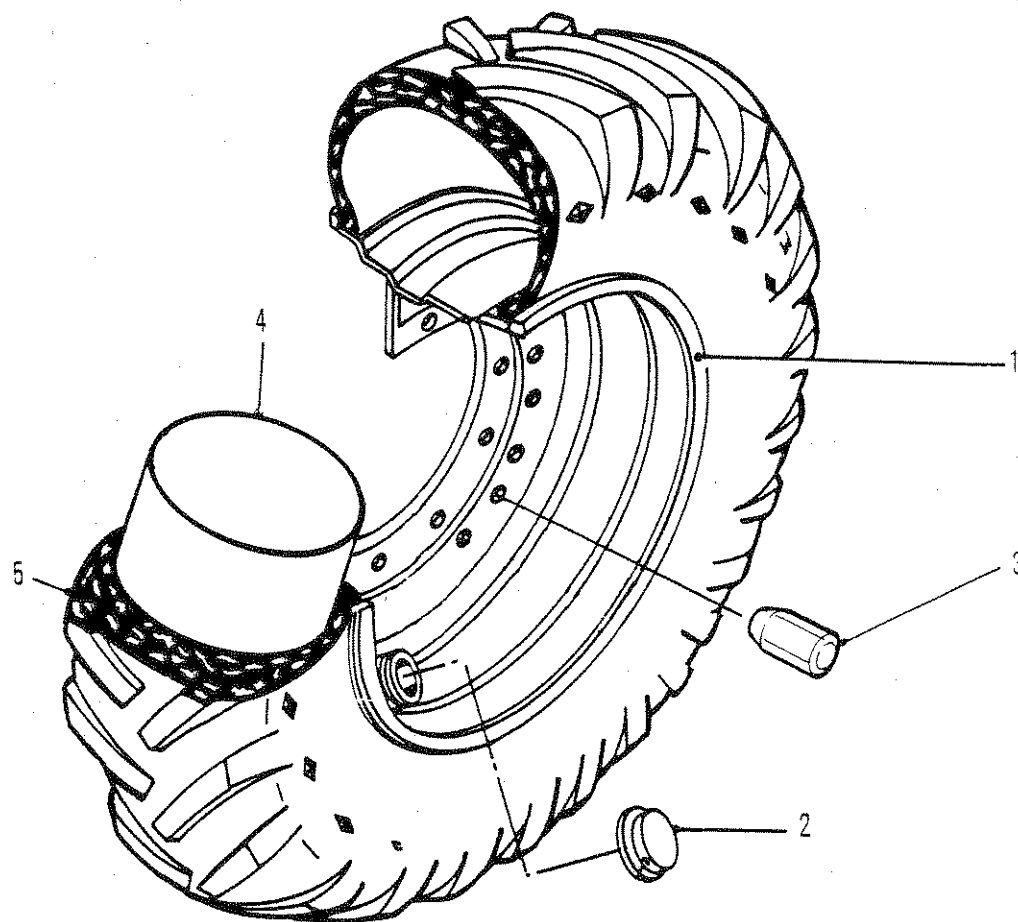
500H-736-CAC→500H-9999-CAC
513H-851,852,→996,997,1001
515H-1015-CAC→515H-1020-CAC

513H-1003-CAC→513H-9999-CAC
542H-101-CAC→542H-9999-CAC



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

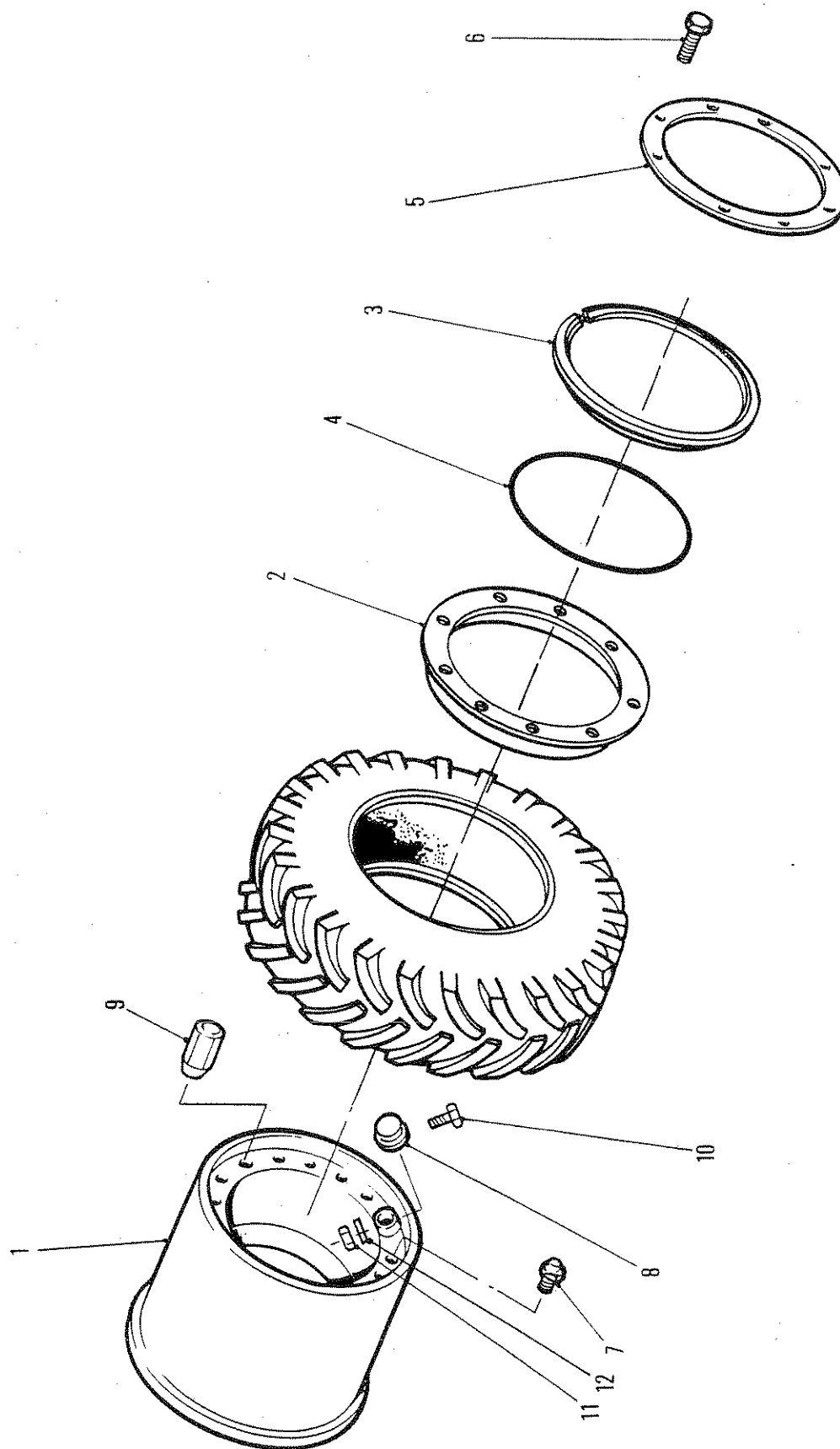
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1928607	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1901634	4	Flange	bride	Flansch	flange	brida
3	112460	4	Lockring	anneau blocage	Klemmring	anel trava	anillo seguridad
4	112462	4	O-ring	joint torique	O Ring	anel-O	anillo-O
5	1929398	4	Ring	anneau	Ring	anel	anillo
6	17C001016	32	Bolt	boulon	Bolzen	parafuso	bulón
7	1925532	4	Valve	soupape	Ventil	válvula	válvula
8	1914255	4	Cap	chapeau	Kappe	tampa	tapa
9	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda



6544TP

RIM ASSEMBLY 68 X 34 X 32 TIRES
ASSEMBLAGE DE LA JANTE 68 X 34 X 32 PNEUMATIQUE
FELGENHEIT 68 X 34 X 32 REIFEN
CONJUNTO DE AROS 68 X 34 X 32 PNEUMÁTICO
CONJUNTO ILANTA 68 X 34 X 32 PNEUMÁTICO

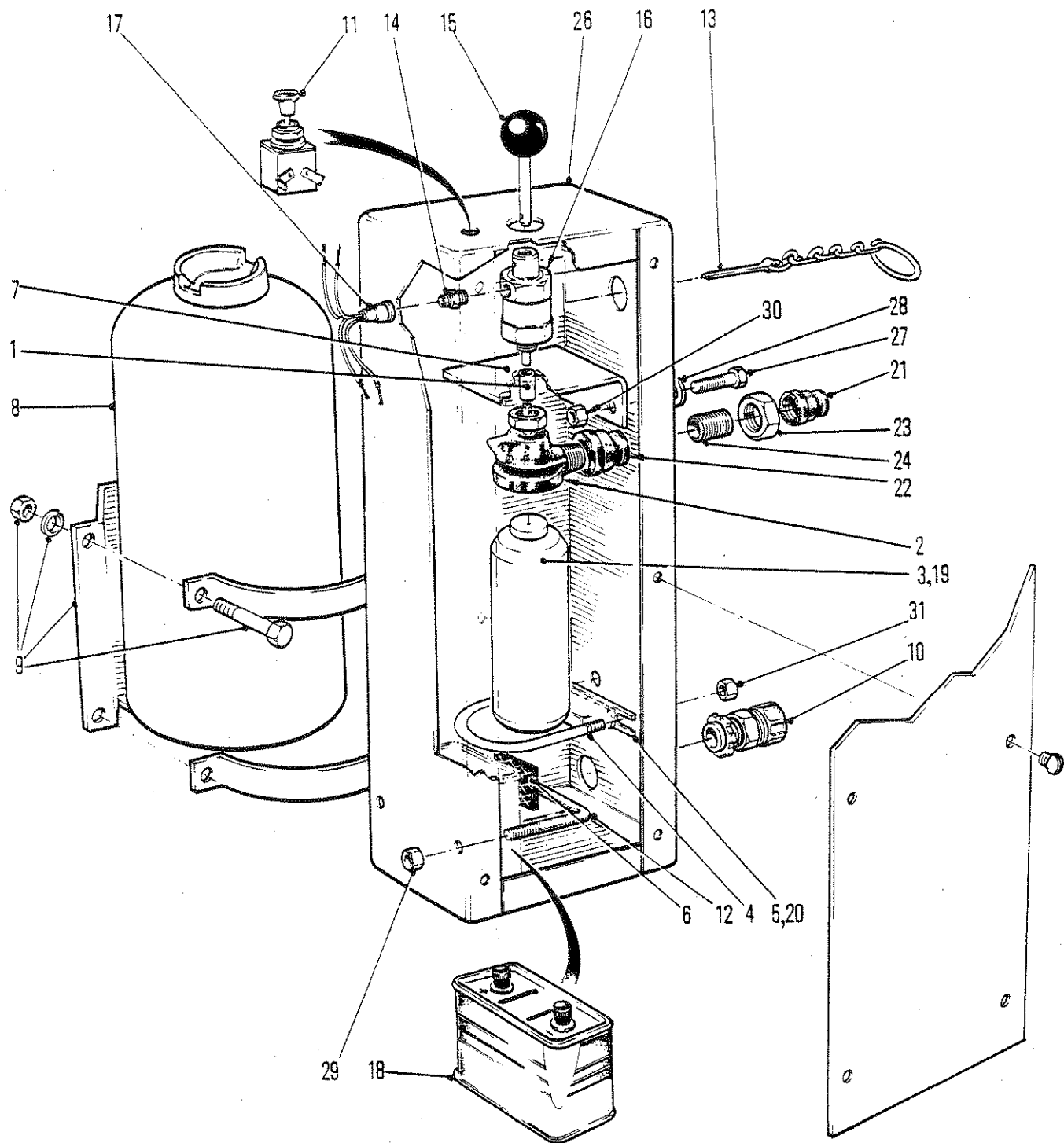
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1928420	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj lianta
2	1914255	4	Cap	chapeau	Kappe	tampa	tapa
3	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda
4	-----	-	Tube	tube	Rohr	tubo	tubo
5	-----	-	Tire	pneumatique	Reifen	pneumático	neumático



6752TP

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

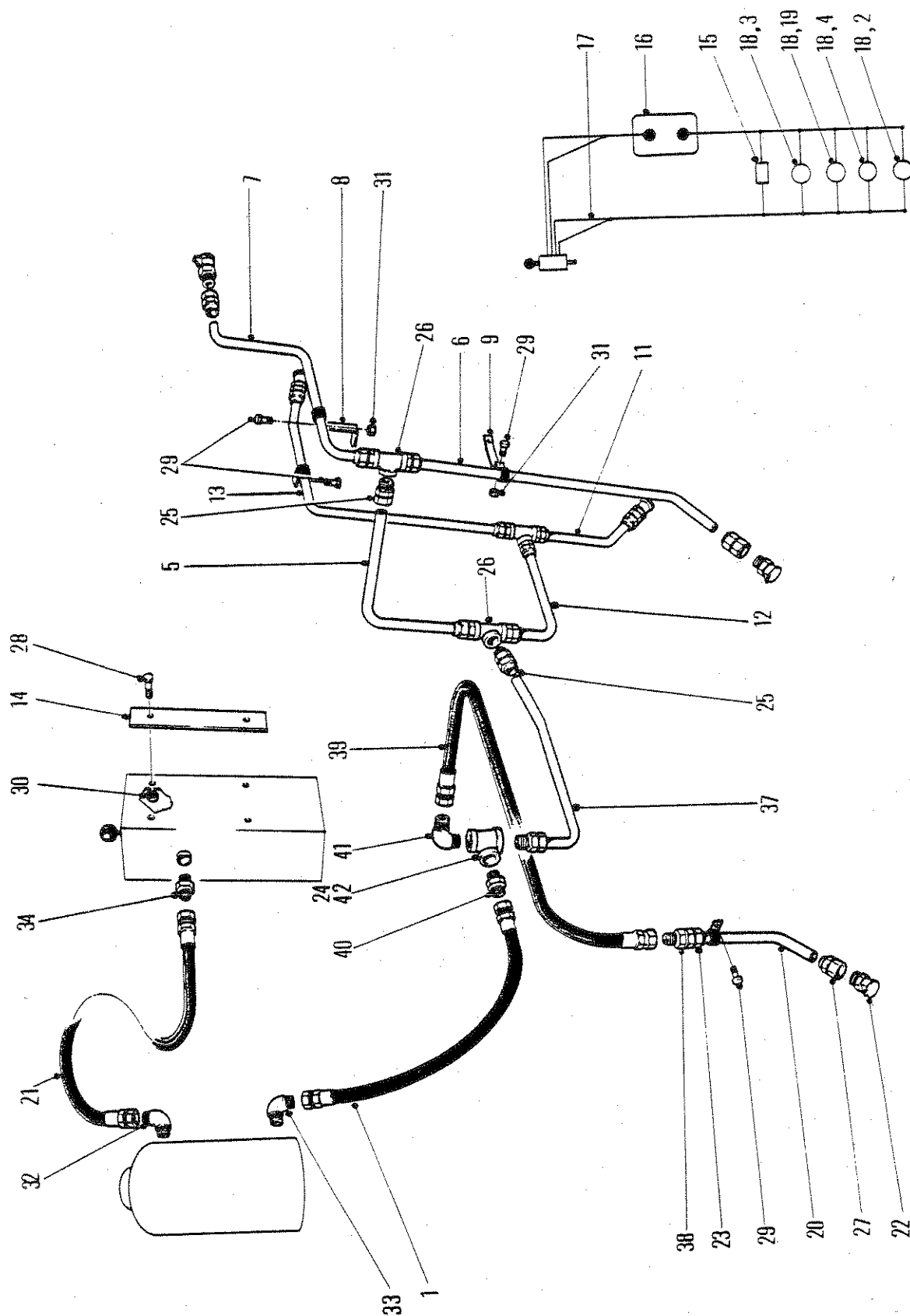
No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1930712	4	Rim assy	ass de la jante	Felgeneinheit	conj de aros	conj llanta
2	1901634	4	Flange	bride	Flansch	flange	brida
3	112460	4	Lockring	anneau blocage	Klemmring	anel trava	anillo seguridad
4	112462	4	O-Ring	joint torique	O Ring	anel-O	anillo-O
5	1929398	4	Ring	anneau	Ring	anel	anillo
6	17C001016	32	Bolt	boulon	Bolzen	parafuso	bulón
7	1551893	4	Valve	soupape	Ventil	válvula	válvula
8	1934665	4	Cap	chapeau	Kappe	tampa	tapa
9	1900649	40	Wheel nuts	écrous de roue	Radmuttern	porcas da roda	tuerca de rueda
10	17C000856	4	Bolt	boulon	Bolzen	parafuso	bulón
11	85D000008	4	Nut	écrou	Mutter	porca	tuerca
12	27E000008	4	Washer	rondelle	Scheibe	arruela	arandela



5805TP

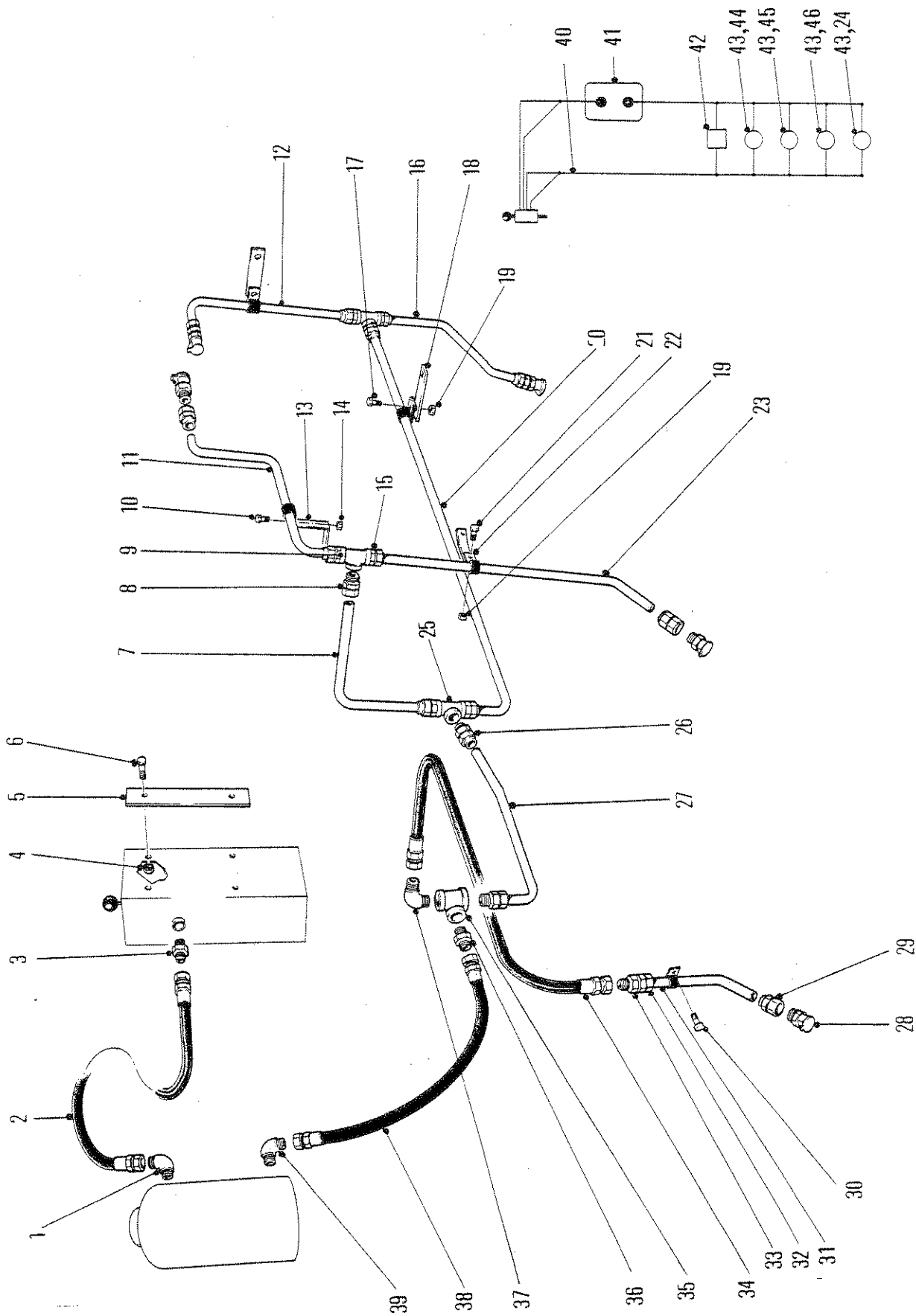
FIRE SUPPRESSION KIT
JEU D'EXTINCTION D'INCENDIE
FEURERSICHERHEITSSATZ
JÓGO EXTINTOR DE INCÊNDIO
JUEGO CONTRAFUEGO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	1920526	1	Sleeve	manchon	Muffe	luva	manguito
2	1924632	1	Receiver	récepteur	Empfänger	receptor	receptor
3	1924633	1	Cartridge	élément filtrant	Filtereinsatz	elemento filtrante	cartucho
4	1924634	1	U-bolt	boulon U	U-Bolzen	cavilha U	bulón U
5	1924635	1	Bracket	support	Winkel	grampo	grampa
6	1924639	1	Pad	tampon	Polster	almofada	almohadilla
7	1924640	1	Bracket	support	Winkel	grampo	grampa
8	1924643	1	Extinguisher	extincteur	Feuerlöscher	extintor	extinguidor
9	1924644	1	Bracket assy	ens support	Winkel vollst	conj suporte	conj soporte
10	1924645	1	Relf connector	prise de décharg	Entlastungs-Konnektor	conetor de alivio	conector de escape
11	1924646	1	Switch	interrupteur	Schalter	interruptor	interruptor
12	1924647	1	Clamp	pince	Schelle	braçadeira	abrazadera
13	1924648	1	Ring&chain	anneau&chaîne	Ring&Kette	anel e corrente	anillo y cadena
14	1924649	1	Squib	déclencheur	Schlagknopf	isca	carga detonadora
15	1924650	1	Rod&knob	tige&bouton	Stange&Knopf	bastão e botão	varilla y perilla
16	1924651	1	Cylinder	cylindre	Zylinder	cilindro	cilindro esclavo
17	1924652	1	Wiring harness	harnais installation	Kabelbaum	chicote instalação	mazo cables
18	1924653	1	Battery	batterie	Batterie	bateria	bateria
19	1924654	1	Cartridge	élément filtrant	Filtereinsatz	elemento filtrante	cartucho
20	1924656	1	Bracket	support	Winkel	grampo	grampa
21	1924660	1	Reducer	réducteur	Reduzierstück	reductor	reductor
22	1924661	1	Reducer	réducteur	Reduzierstück	reductor	reductor
23	1924662	1	Nut	écrou	Mutter	porca	tuerca
24	1924663	1	Nipple	raccord	Nippel	niple	niple
25	1924664	1	Fire suprsn kit	jeu dextin dincend	Feuersicherheitssatz	jgo extin de incêndio	jgo contrafuego
26	1924858	1	Batty box&cover	carter&couv batt	Battkast&-Deck	bat caixa-tamp	bat caja y tap
27	17C000514	1	Bolt	boulon	Bolzen	parafuso	bulón
28	25E000015	1	Flatwasher	rondelle plate	Unterlegscheibe	arruela chata	arandela plana
29	59D000004	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
30	59D000005	1	Nut	écrou	Mutter	porca	tuerca
31	60D000005	2	Locknut	contre-écrou	Gegenmutter	contra porca	contratuerca
32	1928826	1	Decal	décalcomanie	Abziehbild	decalcomania	calcomania



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	1916872	2	Bracket	support	Winkel	grampo	grampa
3	1928978	6	Bracket	support	Winkel	grampo	grampa
4	1928979	1	Bracket	support	Winkel	grampo	grampa
5	1924333	1	Tube	tube	Rohr	tubo	tubo
6	1928981	1	Tube	tube	Rohr	tubo	tubo
7	1924336	1	Tube	tube	Rohr	tubo	tubo
8	1924339	1	Bracket	support	Winkel	grampo	grampa
9	1924515	1	Bracket	support	Winkel	grampo	grampa
10	1924516	2	Bracket	support	Winkel	grampo	grampa
11	1924522	1	Tube	tube	Rohr	tubo	tubo
12	1924523	1	Tube	tube	Rohr	tubo	tubo
13	1924524	1	Tube	tube	Rohr	tubo	tubo
14	1924638	4	Flat	méplat	Fläche	bloco plano	planchuela
15	1924646	1	Switch	interrupteur	Schalter	interruptor	interruptor
16	1924653	1	Battery	batterie	Batterie	bateria	bateria
17	1924652	1	Harness	harnais	Kabelbaum	chicote	mazo
18	1924669	5	Sensor	capteur	Fühler	sensor	sensor
19	1921053	1	Bracket	support	Winkel	grampo	grampa
20	1924747	1	Tube	tube	Rohr	tubo	tubo
21	1924761	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
22	1991318	5	Nozzle	gicleur	Düse	bocal	boquilla
23	1991877	5	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
24	1991878	2	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
25	1991880	8	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
26	1991881	2	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
27	1991887	1	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
28	17C000624	8	Bolt	boulon	Bolzen	parafuso	bulón
29	18C000614	6	Bolt	boulon	Bolzen	parafuso	bulón
30	59D000006	8	Nut	écrou	Mutter	porca	tuerca
31	60D000006	2	Nut	écrou	Mutter	porca	tuerca
32	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
33	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
34	89F000005	1	Adaptor	adaptateur	Zwischenstück	adaptador	adaptador
35	-----	1	Battery	batterie	Batterie	bateria	bateria
36	-----	1	Switch	interrupteur	Schalter	interruptor	interruptor
37	1924337	1	Tube	tube	Rohr	tubo	tubo
38	89F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
39	1916955	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
40	89F000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
41	83F000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
42	1991879	1	Tee	raccord T	T-Verbindungsstück	te	te



6081TP

FIRE SUPPRESSION KIT
JEU D'EXTINCTION D'INCENDIE
FEURERSICHERHEITXATZ
JOGO EXTINTOR DE INCENDIO
JUEGO CONTRAFUEGO

No.	Part No.	Qty	Description	Description	Benennung	Descrição	Descripción
1	83F000006	1	Elbow	coude	Winkelrohr	cotovêlo	codo
2	1924761	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
3	89F000005	1	Fitting	ajustage	Verbindung	ajuste	accesorio
4	59D000006	8	Nut	écrou	Mutter	porca	tuerca
5	1924638	4	Flat	méplat	Fläche	bloco plano	planchuela
6	17C000624	8	Bolt	boulon	Bolzen	parafuso	bulón
7	1924337	1	Tube	tube	Rohr	tubo	tubo
8	1991878	2	Fitting tube	raccord tube	Rohrverbindung	guarnição tubo	accesorio tubo
9	1924661	1	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
10	18C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
11	1924336	1	Tube	tube	Rohr	tubo	tubo
12	1924335	1	Tube	tube	Rohr	tubo	tubo
13	1924516	1	Bracket	support	Winkel	grampo	grampa
14	60D000006	1	Nut	écrou	Mutter	porca	tuerca
15	1991880	1	Fitting	ajustage	Verbindung	ajuste	accesorio
16	1924338	1	Tube	tube	Rohr	tubo	tubo
17	18C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
18	1924343	1	Bracket	support	Winkel	grampo	grampa
19	60D000006	1	Nut	écrou	Mutter	porca	tuerca
20	1924332	1	Tube	tube	Rohr	tubo	tubo
21	18C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
22	1924515	1	Bracket	support	Winkel	grampo	grampa
23	1928981	1	Tube	tube	Rohr	tubo	tubo
24	1916872	2	Bracket	support	Winkel	grampo	grampa
25	1991881	1	Fitting tee	raccord en T	T-Stück	ajuste em T	accesorio en T
26	1991880	1	Fitting	ajustage	Verbindung	ajuste	accesorio
27	1924337	1	Tube	tube	Rohr	tubo	tubo
28	1991318	5	Nozzle	gicleur	Düse	bocal	boquilla
29	1991877	1	Fitting	ajustage	Verbindung	ajuste	accesorio
30	18C000614	1	Bolt	boulon	Bolzen	parafuso	bulón
31	1924747	1	Tube	tube	Rohr	tubo	tubo
32	1991877	1	Fitting	ajustage	Verbindung	ajuste	accesorio
33	89F000007	1	Fitting	ajustage	Verbindung	ajuste	accesorio
34	1916955	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
35	1991879	1	Fitting	ajustage	Verbindung	ajuste	accesorio
36	89F000008	1	Fitting	ajustage	Verbindung	ajuste	accesorio
37	83F000007	1	Elbow	coude	Winkelrohr	cotovêlo	codo
38	560706	1	Hose	tuyau flexible	Schlauch	mangueira	manguera
39	83F000008	1	Elbow	coude	Winkelrohr	cotovêlo	codo
40	1924652	1	Harness	harnais	Kabelbaum	chicote	mazo
41	1924653	1	Battery	batterie	Batterie	bateria	bateria
42	1924646	1	Switch	interrupteur	Schalter	interruptor	interruptor
43	1924669	4	Sensor	capteur	Fühler	sensor	sensor
44	1928978	6	Bracket	support	Winkel	grampo	grampa
45	1921053	1	Bracket	support	Winkel	grampo	grampa
46	1928979	1	Bracket	support	Winkel	grampo	grampa

FAN BELT CHART

DATA-J1 10000-0183

666C

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* 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

666C

MODEL	MACHINE SERIAL NUMBER	BELT NO.	QUANTITY
662 FORD	501A-101-CAC→501B-9999-CAC	1305202	1
662 GM	502A-101-CAC→502B-9999-CAC	1305106	1*
664 GM	C-9014-101→C-9044-9999	1305106	1*
664 GM	514E-101-CAC→514F-9999-CAC	1305106	1*
664 GM	514H-101→1935-CAC	1922597	2
664 GM	514H-1936→9999-CAC	961262	1*
664 GM	528A-101-CAC→528D-9999-CAC	961262	1*
664 CUM	551D-101-CAC→551G-9999-CAC	1992449	1
664 GM	546H-101-CAC→546H-9999-CAC	1922597	2
664 DEUTZ	529B-101-CAC→529D-9999-CAC	1931218	1

664 GM GR	508A-101-CAC→508B-9999-CAC	1305106	1*
664 GM GR	508H-101→212-CAC	1922597	2
664 GM GR	508H-213→9999-CAC	961262	1*
665 GM	541B-101-CAC→541F-9999-CAC	961262	1*
665 CUM	553G-101-CAC→553G-9999-CAC	1992449	**
665 GM GR	543B-101-CAC→543F-9999-CAC	961262	1*
665 GM GR	558F-101-CAC→558G-9999-CAC	961262	1
665 CUM GR	554G-101-CAC→554G-9999-CAC	1992449	**
666 GM	C-9016-101→C-9046-9999	1305106	1*
666 GM	513E-101-CAC→513G-9999-CAC	1305106	1*
666 GM	513H-101→3136-CAC	1922597	2
666 GM	513H-3137→9999-CAC	961262	1*
666 GM	548A-101-CAC→548A-9999-CAC	961262	1*
666 CUM	500D-101-CAC→500H-9999-CAC	949985	1*

666 CUM	559A-101-CAC→559B-9999-CAC	1992449	1
666 GM GR	515A-101-CAC→515A-9999-CAC	1305106	1*
666 GM GR	515H-101→1020-CAC	1922597	2
666 GM GR	515H-1021→9999-CAC	961262	1*
666 GM GR Ext	542H-101→522-CAC	1922597	2
666 GM GR Ext	542H-523-CAC→542H-9999-CAC	961262	1*
666 GM GR	549A-101-CAC→549A-9999-CAC	961262	1*
666 GM GR	552A-101-CAC→552A-9999-CAC	961262	1*
666 GM SWB	526A-101-CAC→526H-9999-CAC	961262	1*
666 CUM SWB	527A-101-CAC→527A-9999-CAC	949985	1*
666 CUM GR	555A-101-CAC→555B-9999-CAC	1992449	1
666 CUM GR	564A-101-CAC→564B-9999-CAC	1992449	1
667 GM	503A-101-CAC→503A-9999-CAC	1305106	1*
667 GM	503B-101-CAC→503B-9999-CAC	1922597	2

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

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

DATA-J1 50000-0183

666C

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

666C

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 15610	1 E 19	106762	A 4 15600	1 E 17
100172	A 4 15610	1 E 19		A 4 15610	1 E 19
100173	A 4 15610	1 E 19		A 4 20070	1 E 22
100174	A 4 14950	1 E 11		A 4 20620	1 E 24
	A 4 15600	1 E 17		A 4 21400	1 F 2
	A 4 15610	1 E 19		A 4 21425	1 F 4
100176	A 4 14950	1 E 11		A 4 21610	1 F 8
	A 4 15025	1 E 13		A 4 25660	1 F 16
	A 4 15600	1 E 17	106998	A 4 10600	1 D 23
	A 4 15610	1 E 19		A 4 10615	1 E 2
	A 4 21610	1 F 8		A 4 10700	1 E 7
	A 4 25660	1 F 16		A 4 10725	1 E 9
100593	A 4 10615	1 E 2		A 4 20070	1 E 22
	A 4 20070	1 E 22		A 4 20620	1 E 24
100941	A 4 14950	1 E 11		A 4 21400	1 F 2
	A 4 15600	1 E 17		A 4 21425	1 F 4
	A 4 15610	1 E 19	107348	A 4 10600	1 D 22
100950	A 4 25660	1 F 16		A 4 10615	1 E 2
100970	A 4 10600	1 D 22		A 4 20070	1 E 22
	A 4 20620	1 E 24		A 4 20620	1 E 24
101196	A 4 21800	1 F 12	110036	A 7 60000	1 K 12
101257	A 4 21800	1 F 12	110127	A 4 21610	1 F 8
101262	A 4 21800	1 F 12		A 4 25660	1 F 16
101263	A 4 21800	1 F 12	110559	A 4 21400	1 F 2
101274	A 4 10700	1 E 6		A 4 21425	1 F 4
	A 4 10725	1 E 9	110843	A 4 21800	1 F 12
102745	A 2 12000	1 C 5	110847	A 4 21800	1 F 12
	A 2 12100	1 C 10	111656	A 4 21610	1 F 9
	A 3 10175	1 C 20	112077	A 4 21400	1 F 2
	A 6 24150	1 I 22	112084	A 4 21800	1 F 12
103216	A 4 10600	1 D 22	112278	A 4 10600	1 D 22
	A 4 10615	1 E 2		A 4 10615	1 E 2
	A 4 10700	1 E 6		A 4 10700	1 E 6
	A 4 10725	1 E 9		A 4 10725	1 E 9
	A 4 20070	1 E 22		A 4 20070	1 E 22
	A 4 20620	1 E 24		A 4 20620	1 E 24
103522	F 2 96890	2 J 15		A 4 21400	1 F 2
	F 2 96900	2 J 17		A 4 21425	1 F 4
	F 2 97050	2 J 23	112279	A 4 14950	1 E 11
104182	A 4 14950	1 E 11		A 4 15025	1 E 13
	A 4 15600	1 E 17		A 4 15600	1 E 17
	A 4 15610	1 E 19		A 4 15610	1 E 19
104226	A 4 21800	1 F 12	112287	A 4 21400	1 F 2
104412	A 4 10600	1 D 23		A 4 21425	1 F 4
	A 4 10615	1 E 2	112289	A 4 21800	1 F 12
	A 4 10700	1 E 7	112352	A 4 14950	1 E 11
	A 4 10725	1 E 9		A 4 15025	1 E 13
	A 4 20070	1 E 22		A 4 15600	1 E 17
	A 4 20620	1 E 24		A 4 15610	1 E 19
	A 4 21400	1 F 2		A 4 21610	1 F 9
	A 4 21425	1 F 4		A 4 25660	1 F 16
106081	A 4 14950	1 E 11	112354	A 4 14950	1 E 11
	A 4 15025	1 E 13		A 4 15025	1 E 13
	A 4 15600	1 E 17		A 4 15600	1 E 17
	A 4 15610	1 E 19		A 4 15610	1 E 20
106247	A 4 10700	1 E 6		A 4 21610	1 F 8
	A 4 21400	1 F 2		A 4 25660	1 F 16
	A 4 21425	1 F 4	112460	F 2 97600	2 K 4
106355	A 4 30300	1 G 2	112462	F 2 97600	2 K 4
106357	A 4 30300	1 G 2	113289	A 4 21400	1 F 2
106358	A 4 30300	1 G 2	113290	A 4 10700	1 E 6
106359	A 4 30300	1 G 2		A 4 10725	1 E 9
106457	A 4 10700	1 E 6	113292	A 4 10700	1 E 6
	A 4 10725	1 E 9		A 4 10725	1 E 9
	A 4 21400	1 F 2		A 4 21400	1 F 2
	A 4 21425	1 F 4		A 4 21425	1 F 4
106547	A 4 10700	1 E 6	113882	A 4 10615	1 E 2
	A 4 10725	1 E 9		A 4 10725	1 E 9
	A 4 21400	1 F 2	113883	A 4 20070	1 E 22
	A 4 21425	1 F 4	113888	A 4 10615	1 E 2
	A 4 21800	1 F 12		A 4 20070	1 E 22
106762	A 4 10600	1 D 22	113929	A 4 10600	1 D 22
	A 4 10615	1 E 2		A 4 10615	1 E 2
	A 4 14950	1 E 11		A 4 10700	1 E 6
	A 4 15025	1 E 13		A 4 10725	1 E 9

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	A 4 21400	1 F 2		A 4 15610	1 E 19
	A 4 21425	1 F 4		A 4 21610	1 F 9
114433	A 4 10700	1 E 6		A 4 25660	1 F 16
	A 4 10725	1 E 9	123514	A 4 10700	1 E 6
115971	B 1 23150	2 C 2		A 4 10725	1 E 9
116584	A 4 30300	1 G 2	123515	A 4 10700	1 E 6
116588	A 4 10700	1 E 6		A 4 10725	1 E 9
	A 4 21400	1 F 2	123517	A 4 10700	1 E 6
	A 4 21425	1 F 4	123672	A 4 10600	1 D 22
116729	A 4 21800	1 F 12		A 4 20620	1 E 24
117225	A 4 10700	1 E 6	123747	A 4 21800	1 F 12
	A 4 10725	1 E 9	123789	A 4 10700	1 E 6
	A 4 21400	1 F 2	123800	A 4 14950	1 E 11
	A 4 21425	1 F 4		A 4 15025	1 E 13
117336	A 4 10600	1 D 23		A 4 15600	1 E 17
	A 4 10615	1 E 2		A 4 15610	1 E 19
	A 4 10700	1 E 7		A 4 21610	1 F 9
	A 4 10725	1 E 9		A 4 25660	1 F 16
	A 4 20070	1 E 22	123830	A 4 14950	1 E 11
	A 4 20620	1 E 24		A 4 15025	1 E 13
118150	A 4 15025	1 E 13		A 4 15600	1 E 17
	A 4 15600	1 E 17		A 4 21610	1 F 8
	A 4 15610	1 E 19		A 4 25660	1 F 16
118704	A 4 21800	1 F 12	123831	A 4 21800	1 F 12
118786	A 4 21400	1 F 2	123904	A 4 10600	1 D 22
	A 4 21425	1 F 4		A 4 10615	1 E 2
119211	A 4 10700	1 E 6		A 4 20070	1 E 22
	A 4 10725	1 E 9		A 4 20620	1 E 24
119270	A 4 10600	1 D 22	123945	A 4 21400	1 F 2
	A 4 10615	1 E 2	124041	A 4 14950	1 E 11
	A 4 10700	1 E 6		A 4 15025	1 E 13
	A 4 10725	1 E 9		A 4 15600	1 E 17
	A 4 20070	1 E 22		A 4 15610	1 E 20
	A 4 20620	1 E 24		A 4 21610	1 F 8
119298	A 4 25660	1 F 16		A 4 25660	1 F 16
119469	A 4 10600	1 D 22	124179	A 4 15610	1 E 19
	A 4 10615	1 E 2	124200	A 4 21400	1 F 2
	A 4 10700	1 E 6	124202	A 4 21800	1 F 12
	A 4 10725	1 E 9	124325	A 4 10600	1 D 22
	A 4 20070	1 E 22		A 4 10700	1 E 6
	A 4 20620	1 E 24		A 4 20620	1 E 24
	A 4 21400	1 F 2	124435	A 4 14950	1 E 11
	A 4 21425	1 F 4		A 4 15600	1 E 17
119853	A 4 21400	1 F 2		A 4 25660	1 F 16
	A 4 21425	1 F 4	124436	A 4 14950	1 E 11
120707	A 4 10615	1 E 2		A 4 15600	1 E 17
	A 4 10700	1 E 6	124444	A 4 15610	1 E 19
	A 4 10725	1 E 9	124573	A 4 30115	1 F 22
	A 4 20070	1 E 22	124574	A 4 30115	1 F 22
	A 4 21400	1 F 2	124575	A 4 30115	1 F 22
	A 4 21425	1 F 4	124576	A 4 30115	1 F 22
121013	A 4 10600	1 D 22	124577	A 4 30115	1 F 22
	A 4 10615	1 E 2	124601	A 4 21425	1 F 4
	A 4 20070	1 E 22	124886	A 4 14950	1 E 11
	A 4 20620	1 E 24		A 4 15600	1 E 17
121014	A 4 10600	1 D 22	125567	A 4 21800	1 F 12
	A 4 10615	1 E 2	125568	A 4 21800	1 F 12
	A 4 20070	1 E 22	125576	A 4 14950	1 E 11
	A 4 20620	1 E 24		A 4 15025	1 E 13
121015	A 4 10600	1 D 22		A 4 15600	1 E 17
	A 4 20620	1 E 24		A 4 15610	1 E 20
121166	A 4 30115	1 F 22		A 4 21610	1 F 8
121241	A 4 21800	1 F 12		A 4 25660	1 F 16
121632	A 4 30300	1 G 2	125577	A 4 14950	1 E 11
121633	A 4 30300	1 G 2		A 4 15025	1 E 13
121802	A 4 10600	1 D 22		A 4 15600	1 E 17
	A 4 10700	1 E 6		A 4 15610	1 E 20
121804	A 4 10600	1 D 22		A 4 21610	1 F 8
	A 4 20620	1 E 24		A 4 25660	1 F 16
121851	A 4 10600	1 D 22	125600	A 4 14950	1 E 11
	A 4 20620	1 E 24		A 4 15600	1 E 17
122701	A 4 10700	1 E 6		A 4 25660	1 F 16
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125769	A 4 21400	1 F 2	203253	A 6 24150	1 I 22
	A 4 21425	1 F 4		A 9 10090	1 K 21
126133	A 4 15025	1 E 13	206770	A 6 24150	1 I 23
	A 4 21610	1 F 8	206864	A 2 12000	1 C 5
126136	A 4 15025	1 E 13		A 2 12100	1 C 10
	A 4 21610	1 F 8		A 3 10175	1 C 20
126416	A 4 21400	1 F 2		A 6 24150	1 I 22
	A 4 21425	1 F 4	207873	A 3 10175	1 C 20
126463	A 4 10615	1 E 2		A 6 23000	1 I 17
	A 4 20070	1 E 22	207878	A 6 23000	1 I 18
126468	A 4 15025	1 E 13	208805	A 7 10200	1 J 6
	A 4 21610	1 F 8	209313	A 2 12000	1 C 6
	A 4 21800	1 F 12		A 2 12100	1 C 12
	A 4 25660	1 F 16	209915	A 1 15300	1 B 10
126515	A 4 10725	1 E 9	211433	A 3 13050	1 D 10
126624	A 4 21800	1 F 12	211853	A 6 24150	1 I 23
126894	A 4 15025	1 E 13	214295	A 3 10175	1 C 20
	A 4 15610	1 E 19	214337	E 2 70000	2 G 16
	A 4 21610	1 F 8		E 2 70100	2 G 22
	A 4 25660	1 F 16	214596	A 2 12000	1 C 6
127109	A 4 10700	1 E 7		A 2 12100	1 C 12
127205	A 4 15025	1 E 13	214730	A 2 12000	1 C 5
127398	A 4 30115	1 F 22		A 2 12100	1 C 11
127399	A 4 30115	1 F 22	214920	A 2 12000	1 C 7
127819	A 4 21400	1 F 2		A 2 12100	1 C 12
	A 4 21425	1 F 4	214923	A 2 12000	1 C 7
127989	A 4 14950	1 E 11		A 2 12100	1 C 12
	A 4 15025	1 E 13	214924	A 2 12000	1 C 6
	A 4 15600	1 E 17		A 2 12100	1 C 12
	A 4 15610	1 E 20	214925	A 2 12000	1 C 7
	A 4 21610	1 F 9		A 2 12100	1 C 12
	A 4 25660	1 F 16	214928	A 2 12100	1 C 10
127991	A 4 14950	1 E 11	214929	A 2 12000	1 C 5
127993	A 4 15610	1 E 19		A 2 12100	1 C 11
127994	A 4 15600	1 E 17	214930	A 2 12000	1 C 5
128117	A 4 10600	1 D 22		A 2 12100	1 C 10
	A 4 10615	1 E 2	214931	A 2 12000	1 C 4
	A 4 10700	1 E 6		A 2 12100	1 C 10
	A 4 10725	1 E 9	214936	A 2 12000	1 C 5
	A 4 20070	1 E 22		A 2 12100	1 C 10
	A 4 20620	1 E 24	214939	A 2 12000	1 C 7
128222	A 4 21800	1 F 12		A 2 12100	1 C 12
128300	A 4 15025	1 E 13	214943	A 2 12000	1 C 4
128400	A 4 21800	1 F 12		A 2 12100	1 C 10
128789	A 4 21800	1 F 12		A 2 25050	1 C 16
128815	A 4 10725	1 E 9	214946	A 2 12000	1 C 4
128830	A 4 10615	1 E 2		A 2 12100	1 C 10
	A 4 20070	1 E 22		A 2 25050	1 C 16
128975	A 4 21610	1 F 9	214949	A 2 12000	1 C 4
	A 4 25660	1 F 16		A 2 12100	1 C 10
128980	A 4 25660	1 F 16		A 2 25050	1 C 16
128981	A 4 21610	1 F 8	214951	A 2 12000	1 C 6
	A 4 25660	1 F 16		A 2 12100	1 C 11
128990	A 4 21610	1 F 8	214953	A 2 12000	1 C 6
129267	A 4 10615	1 E 2		A 2 12100	1 C 11
	A 4 20070	1 E 22	214954	A 2 12100	1 C 10
129638	A 4 21800	1 F 12	214956	A 2 12000	1 C 5
187625	A 4 21400	1 F 2		A 2 12100	1 C 10
187990	A 4 21425	1 F 4	214961	A 2 12000	1 C 5
191474	A 4 10700	1 E 6		A 2 12100	1 C 11
191475	A 4 10700	1 E 6	214962	A 9 10090	1 K 21
191799	A 4 10600	1 D 22	214979	A 2 12000	1 C 5
191800	A 4 10600	1 D 22		A 2 12100	1 C 11
193474	A 4 20620	1 E 24	214980	A 2 12000	1 C 4
195644	A 4 10615	1 E 2		A 2 12100	1 C 10
195645	A 4 20070	1 E 22	214983	A 2 12000	1 C 6
195722	A 4 10725	1 E 9		A 2 12100	1 C 11
201413	A 6 23000	1 I 17	214984	A 2 12000	1 C 6
201497	A 3 20175	1 D 18		A 2 12100	1 C 11
	A 9 20200	1 L 14	214985	A 3 10175	1 C 21
	A 9 20225	1 L 16	214988	A 2 12000	1 C 7
201566	A 3 10175	1 C 20		A 2 12100	1 C 12
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215145	A 3 10175	1 C 20	222179	A 7 60000	1 K 12
215146	A 3 10175	1 C 20	222312	A 2 12000	1 C 4
215147	A 3 13050	1 D 10		A 2 12100	1 C 10
215149	A 3 10175	1 C 21		A 2 25050	1 C 16
215150	A 3 10175	1 C 21	222318	A 2 12000	1 C 4
215152	A 3 10175	1 C 21		A 2 12100	1 C 10
215154	A 3 10175	1 C 21		A 2 25050	1 C 16
215155	A 3 10175	1 C 20	222418	A 6 23000	1 I 17
215156	A 3 10175	1 C 20	222684	A 2 12000	1 C 6
215157	A 3 10175	1 C 20		A 2 12100	1 C 12
215162	A 3 10175	1 C 20	223084	A 6 23000	1 I 17
215164	A 3 10175	1 C 20	223085	A 3 11000	1 D 2
215166	A 3 10175	1 C 20		A 3 12000	1 D 6
	A 3 12000	1 D 6	223124	A 2 12000	1 C 6
215167	A 3 10175	1 C 20		A 2 12100	1 C 11
215176	A 3 11000	1 D 2	223125	A 2 12000	1 C 6
	A 3 12000	1 D 6		A 2 12100	1 C 11
215177	A 3 11000	1 D 2	223222	A 6 24150	1 I 23
	A 3 12000	1 D 6	223877	A 6 24150	1 I 22
215179	A 3 11000	1 D 2	223989	A 6 23000	1 I 17
	A 3 12000	1 D 6	224009	A 2 12000	1 C 6
215180	A 3 11000	1 D 2		A 2 12100	1 C 11
215182	A 3 11000	1 D 2	224026	A 4 10615	1 E 2
215183	A 3 11000	1 D 2		A 4 10725	1 E 9
	A 3 12000	1 D 6		A 4 20070	1 E 22
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215184	A 3 12000	1 D 6		A 4 20620	1 E 24
215188	A 3 12000	1 D 6	224039	A 2 12000	1 C 5
215189	A 3 12000	1 D 6		A 2 12100	1 C 11
215190	A 3 11000	1 D 2	224083	A 6 24150	1 I 22
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215191	A 3 10175	1 C 21		A 2 12100	1 C 10
215194	A 3 13050	1 D 10		A 2 25050	1 C 16
215205	A 3 10175	1 C 21	224369	A 2 12000	1 C 4
215502	J 1 50000	2 L 1		A 2 12100	1 C 10
215550	A 3 10175	1 C 20		A 2 25050	1 C 16
215551	A 3 10175	1 C 21	224466	A 2 12000	1 C 4
215663	A 3 11000	1 D 2		A 2 12100	1 C 10
215702	A 2 12000	1 C 5	224620	A 3 13050	1 D 10
	A 2 12100	1 C 11	224771	A 3 11000	1 D 2
	A 3 10175	1 C 20		A 3 12000	1 D 6
215757	A 3 10175	1 C 21		A 6 24150	1 I 22
215909	A 2 12100	1 C 12	224772	A 3 11000	1 D 2
216053	A 7 60000	1 K 12		A 3 12000	1 D 6
216058	A 2 12000	1 C 5		A 6 24150	1 I 22
	A 2 12100	1 C 10	224774	A 3 11000	1 D 2
	A 3 10175	1 C 20		A 3 12000	1 D 6
	A 6 24150	1 I 22		A 6 24150	1 I 22
216267	A 6 14000	1 I 12	225076	A 3 11000	1 D 2
217420	A 6 24150	1 I 23		A 3 12000	1 D 6
217509	A 7 60000	1 K 12	225077	A 3 11000	1 D 2
217566	A 7 60000	1 K 12		A 3 12000	1 D 6
217567	A 7 60000	1 K 12	225079	A 3 10175	1 C 21
217568	A 7 60000	1 K 12	225313	A 6 23000	1 I 17
217657	A 6 14000	1 I 12	225602	A 3 11000	1 D 2
217693	A 6 23000	1 I 18		A 3 12000	1 D 6
217952	A 3 10175	1 C 20	225603	A 3 10175	1 C 20
218504	A 7 60000	1 K 12		A 3 11000	1 D 2
218777	A 6 23000	1 I 18	225793	A 6 23000	1 I 18
219370	A 3 10175	1 C 21	225800	A 6 23000	1 I 18
219373	A 3 10175	1 C 21	225823	A 7 60000	1 K 12
220363	A 3 13050	1 D 10	225824	A 3 10175	1 C 20
220725	A 6 23000	1 I 18	225844	A 6 24150	1 I 23
220983	A 2 12000	1 C 4	225956	A 6 24150	1 I 22
	A 2 12100	1 C 10	227495	A 7 60000	1 K 12
	A 2 25050	1 C 16	227881	A 7 60000	1 K 13
221391	A 3 10175	1 C 20	227952	A 3 12000	1 D 6
222006	A 2 12000	1 C 7	228494	A 3 10175	1 C 20
	A 2 12100	1 C 12	228943	A 3 10175	1 C 21
222031	A 6 23000	1 I 18	229006	A 3 13050	1 D 10
222041	A 6 14000	1 I 12	229009	A 3 13050	1 D 10
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229566	A 2 12000	1 C 5	232348	A 6 24150	1 I 22
	A 2 12100	1 C 12	232349	A 6 24150	1 I 23
230067	A 6 23000	1 I 18	232350	A 6 24150	1 I 23
230690	A 7 60000	1 K 12	232351	A 6 24150	1 I 23
230822	A 6 24150	1 I 22	232355	A 6 24150	1 I 23
230829	A 6 24150	1 I 22	232356	A 6 24150	1 I 23
230851	A 6 24150	1 I 23	232357	A 6 24150	1 I 23
230857	A 6 24150	1 I 22	232362	A 6 24150	1 I 23
230911	A 6 24150	1 I 22	232363	A 6 24150	1 I 22
230965	A 6 14000	1 I 12	232365	A 6 24150	1 I 23
231017	A 6 23000	1 I 17	232366	A 6 24150	1 I 23
231034	A 7 60000	1 K 13	232367	A 6 24150	1 I 23
231055	A 7 60000	1 K 12	232368	A 6 23000	1 I 18
231059	A 6 24150	1 I 22	232370	A 6 23000	1 I 17
231136	A 7 60000	1 K 12	232394	A 7 60000	1 K 12
231200	A 6 14000	1 I 12	232535	A 2 12000	1 C 7
231231	A 6 23000	1 I 17		A 2 12100	1 C 12
231258	A 6 14000	1 I 12	232628	A 6 23000	1 I 17
231260	A 6 24150	1 I 22	232635	A 6 23000	1 I 17
231262	A 6 24150	1 I 22	232715	A 6 24150	1 I 23
231264	A 6 24150	1 I 22	232903	A 6 23000	1 I 17
231274	A 6 24150	1 I 23	232904	A 6 23000	1 I 17
231275	A 6 24150	1 I 23	232943	A 6 23000	1 I 17
231276	A 6 24150	1 I 23	232944	A 6 23000	1 I 17
231278	A 6 24150	1 I 23	232947	A 6 23000	1 I 17
231279	A 6 24150	1 I 23	233089	A 2 12100	1 C 12
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231284	A 6 24150	1 I 23		A 2 12100	1 C 10
231285	A 6 24150	1 I 23	233194	A 6 24150	1 I 23
231290	A 6 23000	1 I 18	233302	A 6 24150	1 I 23
231292	A 6 23000	1 I 18	233361	A 6 24150	1 I 22
231293	A 6 23000	1 I 18	233598	A 2 12000	1 C 4
231294	A 6 23000	1 I 18		A 2 12100	1 C 10
231300	A 6 23000	1 I 17		A 6 24150	1 I 22
231303	A 6 23000	1 I 17	233850	A 6 24150	1 I 23
231308	A 6 23000	1 I 17	233859	A 6 23000	1 I 18
231312	A 6 14000	1 I 12	234001	A 6 23000	1 I 17
231313	A 6 14000	1 I 12	234597	A 6 23000	1 I 17
231314	A 6 14000	1 I 12	234651	A 6 14000	1 I 12
231315	A 6 14000	1 I 12	234761	A 6 23000	1 I 17
231319	A 6 14000	1 I 12	234834	A 7 60000	1 K 12
231320	A 6 14000	1 I 12	235593	A 2 12000	1 C 7
231321	A 6 14000	1 I 12		A 2 12100	1 C 12
231322	A 6 14000	1 I 12	235784	A 6 24150	1 I 22
231332	A 6 23000	1 I 17	235961	A 2 12000	1 C 5
231333	A 6 23000	1 I 17		A 2 12100	1 C 11
231336	A 6 23000	1 I 17		A 9 10090	1 K 21
231338	A 6 23000	1 I 17	236288	A 2 12100	1 C 12
231385	A 6 24150	1 I 22	236574	A 6 23000	1 I 17
231386	A 6 14000	1 I 12	236892	A 7 60000	1 K 13
231387	A 6 14000	1 I 12	236893	A 7 60000	1 K 13
231389	A 6 14000	1 I 12	236936	A 2 12000	1 C 7
231399	A 6 23000	1 I 18	236937	A 2 12000	1 C 7
231495	A 6 23000	1 I 17	237242	A 2 12000	1 C 6
231693	A 7 60000	1 K 12		A 2 12100	1 C 11
231699	A 7 60000	1 K 12	237243	A 2 12000	1 C 7
231701	A 7 60000	1 K 13		A 2 12100	1 C 12
231705	A 7 60000	1 K 13	237331	A 7 60000	1 K 13
231709	A 7 60000	1 K 13	237405	A 2 12000	1 C 6
231743	A 6 24150	1 I 22		A 2 12100	1 C 11
231744	A 6 24150	1 I 22	237843	A 7 60000	1 K 12
231811	A 6 23000	1 I 17	237848	A 7 60000	1 K 12
231842	A 6 23000	1 I 18	238007	A 7 60000	1 K 12
231843	A 6 23000	1 I 18	238026	A 4 15025	1 E 13
232089	A 6 24150	1 I 22		A 4 21610	1 F 9
232141	A 6 24150	1 I 22	238032	A 7 60000	1 K 12
232157	A 6 24150	1 I 23	238071	A 7 60000	1 K 12
232158	A 6 24150	1 I 23	238160	A 7 60000	1 K 13
232159	A 6 24150	1 I 23	238161	A 7 60000	1 K 12
232160	A 6 24150	1 I 23	238162	A 7 60000	1 K 13
232239	A 6 23000	1 I 17	238163	A 7 60000	1 K 13
232240	A 6 23000	1 I 17	238164	A 7 60000	1 K 12

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238186	A 7 60000	1 K 12	563377	E 1 13050	2 F 12
238270	A 7 60000	1 K 13	565389	A 3 20175	1 D 18
238313	A 3 11000	1 D 2		A 6 11000	1 I 8
	A 3 12000	1 D 6	565822	A 3 20175	1 D 18
238341	A 7 60000	1 K 12	569739	A 1 10350	1 A 9
238425	A 7 60000	1 K 13		A 1 10400	1 A 14
238426	A 7 27400	1 J 18	573548	F 1 20410	2 H 6
	A 7 60000	1 K 13	584501	A 1 10350	1 A 9
	A 7 27400	1 J 19		A 1 10400	1 A 14
238535	A 6 23000	1 I 17	586452	A 10 16000	2 A 9
239216	A 7 60000	1 K 13		B 1 10080	2 A 23
239493	A 2 12000	1 C 6		B 1 10090	2 B 2
239742	A 2 12100	1 C 11		B 3 10010	2 C 18
	A 3 13050	1 D 10		B 5 10040	2 D 6
239892	A 2 12000	1 C 7		B 5 10050	2 D 10
240318	A 7 60000	1 K 13		B 6 10000	2 D 14
240978	A 7 60000	1 K 13		B 6 10020	2 D 20
240979	A 6 24150	1 I 22		B 6 10030	2 D 24
242873	A 6 23000	1 I 17		E 1 10065	2 E 22
284250	A 3 10175	1 C 20		E 1 10410	2 E 24
285198	A 2 12000	1 C 4		E 1 12050	2 F 2
286288	A 2 12100	1 C 10		E 1 13000	2 F 6
	A 3 10175	1 C 20		E 1 13050	2 F 12
286411	A 10 12000	1 L 22		E 1 13060	2 F 14
300225	E 2 70000	2 G 16	587613	D 1 10110	2 E 6
	A 7 15400	1 J 10		D 1 10120	2 E 11
302568	A 7 27400	1 J 18	595096	B 6 10015	2 D 16
	E 2 70000	2 G 16		B 6 10030	2 D 24
302712	A 9 14050	1 L 6	600005	A 3 20175	1 D 18
331196	D 1 10110	2 E 6	600259	F 1 20410	2 H 6
356622	D 1 10120	2 E 11	613750	A 7 10050	1 J 2
	D 1 10110	2 E 6		A 7 15400	1 J 10
358394	D 1 10120	2 E 11		A 7 27400	1 J 19
	A 2 12000	1 C 5		A 7 30125	1 J 23
450230	A 2 12100	1 C 11	616502	E 2 70100	2 G 21
	A 9 20200	1 L 14	616775	A 7 15400	1 J 10
509772	A 10 20125	2 A 13		A 7 27400	1 J 18
	A 10 20130	2 A 15	616796	A 1 10350	1 A 9
	A 10 25000	2 A 19		A 1 10400	1 A 14
511512	A 1 20210	1 B 12	616848	A 3 11000	1 D 2
	A 1 20327	1 B 14		A 3 12000	1 D 6
	A 1 25150	1 B 20	618388	A 3 20175	1 D 18
521686	A 1 20330	1 B 16	619018	D 1 20100	2 E 19
525293	A 9 16025	1 L 10	619019	A 7 25050	1 J 14
	D 1 10110	2 E 6	619023	A 2 12000	1 C 6
	D 1 10120	2 E 11		A 2 12100	1 C 12
531905	D 1 20100	2 E 19	620235	A 7 15400	1 J 10
532917	E 1 10065	2 E 22		A 7 27400	1 J 19
	E 1 10410	2 E 24		A 7 30125	1 J 23
	E 1 12050	2 F 2	620238	A 7 15400	1 J 10
539042	A 1 20210	1 B 12		A 7 27400	1 J 19
	A 1 20330	1 B 16		A 7 30125	1 J 23
544512	A 7 25050	1 J 14	623869	A 7 30125	1 J 23
544595	A 8 10055	1 K 17	626787	F 2 40050	2 H 14
	A 8 10065	1 K 19	635373	A 7 25050	1 J 14
545005	A 7 25050	1 J 14	635376	A 9 14050	1 L 6
547069	A 1 20330	1 B 16	636260	F 2 51270	2 I 6
547237	F 1 20410	2 H 6		F 2 51300	2 I 8
547529	F 2 90075	2 J 2	641297	A 7 60000	1 K 13
550301	A 7 15400	1 J 10	645092	A 7 25050	1 J 14
	A 7 27400	1 J 18	654141	A 7 60000	1 K 12
551014	A 7 25050	1 J 14	654144	A 4 21800	1 F 12
551090	D 1 20090	2 E 15	654613	A 3 11000	1 D 2
	D 1 20100	2 E 19		A 3 12000	1 D 6
551530	F 2 51270	2 I 6		A 6 24150	1 I 22
	F 2 51300	2 I 8	655376	A 9 14050	1 L 6
557527	J 1 20000	2 K 23	656248	A 1 15110	1 B 8
560706	H 1 10100	2 K 14	656532	A 10 10020	1 L 18
	H 1 10150	2 K 18	658487	A 9 14050	1 L 6
561912	A 10 20125	2 A 13		F 1 20410	2 H 6
	A 10 20130	2 A 15		F 2 51270	2 I 6
	A 10 25000	2 A 19		F 2 51300	2 I 8
562783	E 1 10065	2 E 22	658988	A 4 21800	1 F 12
	E 1 10410	2 E 24	659065	A 2 12000	1 C 6

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	A 3 11000	1 D 2		A 4 21610	1 F 8
	A 3 12000	1 D 6		A 4 25660	1 F 16
660178	A 2 12000	1 C 4	675257	A 4 14950	1 E 11
	A 2 12100	1 C 10		A 4 15025	1 E 13
	A 2 25050	1 C 16		A 4 15600	1 E 17
661570	A 10 12000	1 L 22		A 4 15610	1 E 20
661862	F 2 95050	2 J 7		A 4 21610	1 F 8
661978	E 2 70000	2 G 16		A 4 25660	1 F 16
663957	A 3 20175	1 D 18	675261	A 4 10600	1 D 22
664140	A 6 14000	1 I 12		A 4 10615	1 E 2
664871	D 1 10110	2 E 6		A 4 20070	1 E 22
666542	A 2 12000	1 C 7		A 4 20620	1 E 24
	A 2 12100	1 C 12	675536	A 4 14950	1 E 11
666838	A 1 10350	1 A 9		A 4 15025	1 E 13
	A 1 10400	1 A 14		A 4 15600	1 E 17
666850	A 1 10400	1 A 14		A 4 15610	1 E 19
666857	A 1 10400	1 A 14		A 4 21610	1 F 8
666863	A 1 10350	1 A 9		A 4 25660	1 F 16
667275	A 4 21800	1 F 12	675544	A 3 10175	1 C 21
667276	A 4 21800	1 F 12	675548	A 3 10175	1 C 21
667277	A 4 14950	1 E 11	692722	A 7 15400	1 J 10
	A 4 15025	1 E 13		A 7 30125	1 J 23
	A 4 15600	1 E 17	695695	A 7 27400	1 J 18
	A 4 15610	1 E 19	696073	F 2 95050	2 J 7
	A 4 21610	1 F 8	699005	A 7 10050	1 J 2
	A 4 21800	1 F 12	710288	A 4 14950	1 E 11
	A 4 25660	1 F 16		A 4 15025	1 E 13
667278	A 4 14950	1 E 11		A 4 15600	1 E 17
	A 4 15025	1 E 13		A 4 15610	1 E 20
	A 4 15600	1 E 17		A 4 21610	1 F 9
	A 4 15610	1 E 19		A 4 25660	1 F 16
	A 4 21610	1 F 8	711161	A 6 23000	1 I 17
	A 4 21800	1 F 12	711178	A 6 23000	1 I 18
	A 4 25660	1 F 16	711298	A 2 12000	1 C 4
667288	A 1 10350	1 A 9		A 2 12100	1 C 10
667466	A 4 21800	1 F 12		A 2 12000	1 C 5
668385	A 7 27400	1 J 18	713186	A 2 12100	1 C 11
668553	A 4 10600	1 D 22		E 1 13050	2 F 12
	A 4 10615	1 E 2	713513	E 1 10065	2 E 22
	A 4 20070	1 E 22	713678	E 1 10410	2 E 24
	A 4 20620	1 E 24		E 1 12050	2 F 2
672004	A 4 10600	1 D 22	713997	E 2 70000	2 G 16
	A 4 10615	1 E 2	730149	A 10 10020	1 L 18
	A 4 10700	1 E 6	730963	E 1 13050	2 F 12
	A 4 10725	1 E 9	731160	A 6 24150	1 I 22
	A 4 20070	1 E 22	731793	A 10 10020	1 L 18
	A 4 20620	1 E 24	731900	A 10 10020	1 L 18
672005	A 4 10600	1 D 22	742262	A 4 10700	1 E 6
	A 4 10615	1 E 2		A 4 10725	1 E 9
	A 4 10700	1 E 6		A 4 21400	1 F 2
	A 4 10725	1 E 9		A 4 21425	1 F 4
	A 4 20070	1 E 22	742263	A 4 10700	1 E 7
	A 4 20620	1 E 24		A 4 10725	1 E 9
672493	A 9 14050	1 L 6		A 4 21400	1 F 2
672554	A 10 10020	1 L 18		A 4 21425	1 F 4
672907	A 4 30115	1 F 22	743035	A 2 12000	1 C 6
675227	A 6 11000	1 I 8		A 2 12100	1 C 12
	A 7 15400	1 J 10	743200	F 2 95050	2 J 7
	A 7 27400	1 J 18	743208	F 2 95050	2 J 7
	A 7 30125	1 J 23	743439	A 6 24150	1 I 22
	A 9 20200	1 L 14	755050	A 10 16000	2 A 9
	A 9 20225	1 L 16	755054	A 10 12000	1 L 22
	A 10 20125	2 A 13		A 10 16000	2 A 9
	A 10 20130	2 A 15		A 10 10020	1 L 18
	A 10 25000	2 A 19	755055	A 10 16000	2 A 9
675248	A 4 14950	1 E 11		A 10 16000	2 A 9
	A 4 15025	1 E 13	755939	A 7 30125	1 J 23
	A 4 15600	1 E 17	773808	A 4 21400	1 F 2
	A 4 15610	1 E 19	774024	A 4 21425	1 F 4
	A 4 21610	1 F 8	774433	A 10 12000	1 L 22
	A 4 25660	1 F 16		A 10 16000	2 A 9
675249	A 4 14950	1 E 11	774483	A 3 20175	1 D 18
	A 4 15025	1 E 13	774623	A 6 23000	1 I 18
	A 4 15600	1 E 17	784089	E 1 13060	2 F 14

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784433	A 6 14000	1 I 12	898224	E 2 20000	2 F 18
784568	E 1 13000	2 F 6	899038	E 2 30650	2 G 4
784663	A 9 10090	1 K 21	899039	E 2 30650	2 G 4
784950	F 2 50110	2 I 2	940081	A 5 10050	1 G 6
792231	A 1 10400	1 A 14		A 5 10210	1 G 10
799595	A 3 12000	1 D 6		A 5 10525	1 G 12
801524	A 2 12000	1 C 7		A 5 20050	1 G 16
	A 2 12100	1 C 12	940090	A 5 30100	1 G 20
801984	A 2 12000	1 C 4		A 5 30120	1 G 22
	A 2 12100	1 C 10		A 5 40150	1 H 2
802003	A 2 12000	1 C 7		A 5 40205	1 H 6
	A 2 12100	1 C 10		A 5 40225	1 H 10
802049	A 7 60000	1 K 12		A 5 40230	1 H 12
802164	A 6 24150	1 I 22		A 5 40500	1 H 16
815040	A 4 14950	1 E 11		A 5 40760	1 H 20
	A 4 15600	1 E 17		A 5 40850	1 H 24
	A 4 15610	1 E 19		A 5 50050	1 I 2
	A 4 25660	1 F 16		A 5 50060	1 I 4
815204	A 4 14950	1 E 11	940091	A 5 30100	1 G 20
815769	A 4 21800	1 F 12		A 5 40225	1 H 10
816098	A 4 20620	1 E 24	940092	A 5 30100	1 G 20
816099	A 4 15610	1 E 19		A 5 40225	1 H 10
840446	A 4 15025	1 E 13	940224	A 5 30100	1 G 20
	A 4 21610	1 F 8	940653	A 5 10050	1 G 6
840643	A 7 25050	1 J 14		A 5 10210	1 G 10
840789	A 7 25050	1 J 14		A 5 10525	1 G 12
841036	A 4 10600	1 D 22		A 5 20050	1 G 16
	A 4 10700	1 E 6	940654	A 5 10050	1 G 6
841037	A 4 20620	1 E 24		A 5 10210	1 G 10
841313	A 7 25050	1 J 14		A 5 10525	1 G 12
841314	A 7 25050	1 J 14		A 5 20050	1 G 16
841315	A 7 25050	1 J 14	941474	A 1 20210	1 B 12
853847	F 2 50110	2 I 2		A 1 20327	1 B 14
856250	A 7 60000	1 K 12	943957	D 1 10110	2 E 6
857933	A 7 27400	1 J 19		D 1 10120	2 E 11
857944	A 7 15400	1 J 10	944408	J 1 50000	2 L 1
861356	A 7 10050	1 J 2	944469	E 2 30650	2 G 4
861692	A 7 15400	1 J 10	944471	E 2 30650	2 G 4
862738	A 7 25050	1 J 14	944645	E 2 30650	2 G 4
864831	A 10 25000	2 A 19	944862	A 5 30100	1 G 20
871782	A 7 10050	1 J 2		A 5 30120	1 G 22
872229	E 2 70100	2 G 21		A 5 40150	1 H 2
874125	A 7 10050	1 J 2		A 5 40205	1 H 6
875170	A 7 10200	1 J 6		A 5 40225	1 H 10
878196	E 2 30650	2 G 4		A 5 40230	1 H 12
878231	E 2 30650	2 G 4		A 5 40500	1 H 16
878232	E 2 30650	2 G 4		A 5 40760	1 H 20
878233	E 2 30650	2 G 4		A 5 40850	1 H 24
878234	E 2 30650	2 G 4		A 5 50050	1 I 2
878235	E 2 30650	2 G 4		A 5 50060	1 I 4
883734	E 2 30650	2 G 4	945060	A 1 25150	1 B 20
886267	E 2 20000	2 F 18	945374	A 3 10175	1 C 20
886569	A 1 25150	1 B 20		A 3 11000	1 D 2
887578	A 7 10050	1 J 2		A 3 12000	1 D 6
887737	A 5 10050	1 G 6	945444	J 1 50000	2 L 1
	A 5 10210	1 G 10	945445	J 1 50000	2 L 1
	A 5 10525	1 G 12	945446	J 1 50000	2 L 1
	A 5 20050	1 G 16	946008	J 1 50000	2 L 1
892250	A 7 27400	1 J 18	946011	J 1 50000	2 L 1
892833	A 1 25150	1 B 20	947245	A 5 40225	1 H 10
894831	A 6 11000	1 I 8	947289	J 1 10000	2 K 21
	A 10 20130	2 A 15	947293	J 1 50000	2 L 1
	D 1 20090	2 E 15	947596	E 1 13000	2 F 6
	D 1 20100	2 E 19	948251	E 2 30650	2 G 4
896978	F 2 50110	2 I 2	949095	J 1 50000	2 L 1
896979	F 2 50110	2 I 2	949096	J 1 50000	2 L 1
896982	F 2 50110	2 I 2	949098	J 1 50000	2 L 1
896983	F 2 50110	2 I 2	949985	J 1 20000	2 K 23
896985	F 2 50110	2 I 2	952134	E 1 13020	2 F 8
896988	F 2 50110	2 I 2	952160	A 6 23000	1 I 18
896989	F 2 50110	2 I 2	954597	A 7 10200	1 J 6
896990	F 2 50110	2 I 2		A 7 35000	1 K 2
896991	F 2 50110	2 I 2	955743	A 4 10600	1 D 22
896992	F 2 50110	2 I 2		A 4 10615	1 E 2

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	A 4 20070	1 E 22	1501478	F 2 90075	2 J 2
	A 4 20620	1 E 24	1501855	J 1 10000	2 K 21
	A 4 21400	1 F 2	1502845	E 1 13050	2 F 12
	A 4 21425	1 F 4	1503012	E 1 13060	2 F 14
	B 1 15100	2 B 6	1503013	E 1 13050	2 F 12
960373	E 2 20000	2 F 18	1503251	A 6 11000	1 I 8
960419	J 1 20000	2 K 23		A 9 20200	1 L 14
961028	J 1 50000	2 L 1		A 9 20225	1 L 16
961172	J 1 50000	2 L 1		A 10 20125	2 A 13
961262	J 1 20000	2 K 23		A 10 20130	2 A 15
961658	J 1 20000	2 K 23	1503257	A 10 25000	2 A 19
961907	A 5 40850	1 H 24	1503463	E 1 13060	2 F 14
961908	A 5 40850	1 H 24	1503465	E 1 13000	2 F 6
962259	A 1 25160	1 B 22	1503467	E 1 13050	2 F 12
962260	A 1 25160	1 B 22	1503629	E 1 10065	2 E 22
963023	J 1 50000	2 L 1		E 1 10410	2 E 24
963088	A 5 40760	1 H 20		E 1 12050	2 F 2
966262	A 7 25050	1 J 14	1503639	E 1 10065	2 E 22
966263	A 7 25050	1 J 14		E 1 10410	2 E 24
990087	E 2 20000	2 F 18		E 1 12050	2 F 2
990932	F 2 50110	2 I 2	1508680	A 1 20327	1 B 14
992313	E 2 20000	2 F 18	1513103	B 1 18050	2 B 14
992712	E 2 40000	2 G 8	1513106	A 7 30125	1 J 23
993688	A 1 25150	1 B 20	1513887	F 2 60050	2 I 17
993689	A 1 25150	1 B 20	1518811	A 6 11000	1 I 8
1021036	F 2 90075	2 J 2		A 8 10055	1 K 17
1300057	F 2 95050	2 J 7		A 8 10065	1 K 19
1300309	A 9 10090	1 K 21	1519195	B 1 15700	2 B 10
	A 10 10020	1 L 18	1519196	B 1 15700	2 B 10
	A 10 16000	2 A 9	1520190	D 1 20100	2 E 19
1300495	E 1 13000	2 F 6	1520191	A 9 10090	1 K 21
1300498	B 6 10030	2 D 24		A 9 10095	1 K 23
1300702	A 1 25160	1 B 22	1520193	D 1 20100	2 E 19
1302005	A 10 10020	1 L 18	1520467	E 1 13050	2 F 12
	A 10 16000	2 A 9	1522535	A 6 11000	1 I 8
1302189	E 1 13000	2 F 6		A 7 15400	1 J 10
1303012	A 8 10055	1 K 17		A 7 27400	1 J 18
	A 8 10065	1 K 19		A 7 30125	1 J 23
1303213	F 2 50110	2 I 2		A 9 20200	1 L 14
	F 2 51270	2 I 6		A 9 20225	1 L 16
1304638	A 6 24150	1 I 23		A 10 20125	2 A 13
1305106	J 1 20000	2 K 23		A 10 20130	2 A 15
1305202	J 1 20000	2 K 23		A 10 25000	2 A 19
1305865	A 10 16000	2 A 9	1522575	A 9 10095	1 K 23
1309108	F 2 50110	2 I 2	1523209	D 1 20100	2 E 19
1310761	F 2 95050	2 J 7	1523210	B 4 10085	2 C 22
1310810	A 9 10090	1 K 21		D 1 20090	2 E 15
	A 9 10095	1 K 23		D 1 20100	2 E 19
1314773	A 6 24150	1 I 23	1525766	F 2 40050	2 H 14
1314774	A 6 24150	1 I 23	1526594	A 5 40225	1 H 10
1315740	E 1 13060	2 F 14	1529625	A 1 20327	1 B 14
1316610	A 9 10090	1 K 21		A 1 20330	1 B 16
	A 9 10095	1 K 23		F 1 20410	2 H 6
1317072	B 1 10080	2 A 23	1530264	E 1 10065	2 E 22
	B 1 20210	2 B 24		E 1 10410	2 E 24
1317408	A 9 20200	1 L 14		E 1 12050	2 F 2
	A 9 20225	1 L 16	1530361	F 2 51270	2 I 6
	A 10 20125	2 A 13		F 2 51300	2 I 8
	A 10 20130	2 A 15	1533614	A 8 10065	1 K 19
	A 10 25000	2 A 19	1536234	E 1 13000	2 F 6
1317537	B 1 10090	2 B 2	1537567	A 10 20130	2 A 15
1318083	E 2 70000	2 G 16		A 10 25000	2 A 19
	E 2 70100	2 G 22	1539058	A 6 11000	1 I 8
1318084	E 2 70000	2 G 17		D 1 10120	2 E 11
	E 2 70100	2 G 22	1541806	A 8 10055	1 K 17
1319227	E 1 13000	2 F 6		A 8 10065	1 K 19
1319348	E 1 13050	2 F 12	1549381	F 1 20410	2 H 6
1319807	A 7 15400	1 J 10	1558644	D 1 10110	2 E 6
1320451	A 7 27400	1 J 18		D 1 10120	2 E 11
1320982	A 10 10020	1 L 18	1564758	E 1 13000	2 F 6
1321459	A 3 20175	1 D 18	1566194	E 1 13060	2 F 14
1322622	A 9 10090	1 K 21	1573309	B 1 15700	2 B 10
	A 9 10095	1 K 23		B 6 10000	2 D 14

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1573309	B 6 10020	2 D 20	1901749	F 2 51270	2 I 6
	B 6 10030	2 D 24		F 2 51300	2 I 8
	E 1 13000	2 F 6	1901771	F 2 96890	2 J 15
	E 1 13050	2 F 12	1901775	F 2 96830	2 J 13
	E 1 13060	2 F 14		F 2 96890	2 J 15
1574466	A 10 16000	2 A 9	1901972	A 1 20210	1 B 12
	B 1 10080	2 A 23		A 1 20327	1 B 14
	B 1 10090	2 B 2		A 1 20330	1 B 16
	B 1 15100	2 B 6		F 1 20410	2 H 6
	B 1 20210	2 B 24	1902171	A 1 20210	1 B 12
	B 3 10010	2 C 18		A 1 20327	1 B 14
	B 6 10015	2 D 16		A 1 20330	1 B 16
	E 1 10065	2 E 22	1902178	D 1 20100	2 E 19
	E 1 10410	2 E 24	1902275	F 2 51270	2 I 6
	E 1 12050	2 F 2		F 2 51300	2 I 8
	E 1 13020	2 F 8	1902314	D 1 20100	2 E 19
	E 2 70000	2 G 16	1902315	D 1 20100	2 E 19
1579311	F 1 20410	2 H 6	1902326	D 1 20090	2 E 15
1610636	A 3 20175	1 D 18	1902347	A 1 10400	1 A 14
1615685	A 9 14050	1 L 6	1902756	A 6 11000	1 I 8
	F 1 20410	2 H 6	1902769	E 1 10065	2 E 22
1620535	A 7 27400	1 J 19		E 1 10410	2 E 24
1671369	F 1 10070	2 H 2		E 1 12050	2 F 2
1736910	A 6 11000	1 I 8	1902786	E 1 10065	2 E 22
	A 10 10020	1 L 18		E 1 10410	2 E 24
1900019	A 7 10050	1 J 2		E 1 12050	2 F 2
1900020	A 7 10050	1 J 2	1902848	A 1 20210	1 B 12
1900062	A 5 10210	1 G 10		A 1 20327	1 B 14
1900168	B 1 10080	2 A 23		A 1 20330	1 B 16
	B 1 10090	2 B 2	1902877	B 2 10000	2 C 12
	B 1 15100	2 B 6		B 2 10010	2 C 14
	B 3 10010	2 C 18		B 5 10040	2 D 6
1900194	B 2 10000	2 C 12		B 5 10050	2 D 10
	B 2 10010	2 C 14	1903262	B 5 10050	2 D 10
	B 5 10040	2 D 6		B 6 10000	2 D 14
	B 5 10050	2 D 10		B 6 10020	2 D 20
1900338	B 1 23150	2 C 2		B 6 10030	2 D 24
1900460	F 2 51270	2 I 6		E 1 13000	2 F 6
	F 2 51300	2 I 8		E 1 13050	2 F 12
1900609	D 1 20090	2 E 15		E 1 13060	2 F 14
1900649	A 4 10600	1 D 22	1903465	B 2 10000	2 C 12
	A 4 10700	1 E 7	1903539	E 1 13060	2 F 14
	A 4 20620	1 E 24	1903543	E 1 13060	2 F 14
	F 2 96830	2 J 13	1903679	B 1 20210	2 B 24
	F 2 96890	2 J 15		F 2 97560	2 K 2
	F 2 96990	2 J 19	1903680	B 1 20210	2 B 24
	F 2 97000	2 J 21		F 2 97560	2 K 2
	F 2 97560	2 K 2	1903689	B 6 10000	2 D 14
	F 2 97600	2 K 4		B 6 10020	2 D 20
	F 2 98000	2 K 6		E 1 13000	2 F 6
1900759	B 4 10085	2 C 22		E 1 13050	2 F 12
	D 1 20090	2 E 15	1903932	F 1 10070	2 H 2
1900873	D 1 20090	2 E 15	1904058	A 1 10350	1 A 9
1900875	D 1 20090	2 E 15		A 1 10400	1 A 14
	D 1 20100	2 E 19	1904600	J 1 10000	2 K 21
1900876	D 1 20090	2 E 15	1904665	E 1 10065	2 E 22
	D 1 20100	2 E 19		E 1 10410	2 E 24
1901079	B 1 10080	2 A 23		E 1 12050	2 F 2
	B 1 10090	2 B 2	1904666	E 1 10065	2 E 22
	B 1 15100	2 B 6		E 1 10410	2 E 24
	B 3 10010	2 C 18		E 1 12050	2 F 2
1901081	D 1 20090	2 E 15	1904700	A 1 10350	1 A 9
	D 1 20100	2 E 19	1904807	A 6 11000	1 I 8
1901398	A 7 50050	1 K 6	1904810	A 6 11000	1 I 8
	A 7 50100	1 K 8	1905117	A 6 11000	1 I 8
1901464	A 9 16025	1 L 10	1905176	B 6 10000	2 D 14
1901466	B 1 20205	2 B 22		B 6 10020	2 D 20
1901550	B 2 10000	2 C 12		E 1 13000	2 F 6
	B 2 10010	2 C 14		E 1 13050	2 F 12
	B 5 10040	2 D 6	1905398	B 3 10010	2 C 18
	B 5 10050	2 D 10	1905399	B 3 10010	2 C 18
1901634	F 2 97600	2 K 4	1905417	A 1 15110	1 B 8
1901722	A 1 20327	1 B 14	1905501	A 10 12000	1 L 22
1901749	F 1 10070	2 H 2		E 2 70000	2 G 16
	F 1 20410	2 H 6	1905507	B 6 10000	2 D 14

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1905507	B 6 10020	2 D 20	1908545	A 1 20330	1 B 16
	B 6 10030	2 D 24	1908558	A 10 10020	1 L 18
1905513	B 6 10000	2 D 14		B 1 18050	2 B 14
	B 6 10020	2 D 20	1908806	F 2 80000	2 I 24
1905553	B 6 10000	2 D 14	1908858	F 2 40050	2 H 14
	B 6 10020	2 D 20	1908871	F 1 10070	2 H 2
1905619	A 10 10020	1 L 18		F 2 51270	2 I 6
1905646	B 5 10040	2 D 6	1909047	F 2 96830	2 J 13
	B 5 10050	2 D 10		F 2 96900	2 J 17
1905685	A 6 11000	1 I 8	1909062	F 2 96890	2 J 15
1905687	D 1 10110	2 E 6	1909215	B 4 10085	2 C 22
	D 1 10120	2 E 11	1909631	A 9 16025	1 L 10
1905762	A 1 10350	1 A 9	1909633	A 9 16025	1 L 10
	A 1 10400	1 A 14	1909660	A 9 16025	1 L 10
1905779	F 2 51300	2 I 8	1909699	C 1 10085	2 E 2
1905864	A 6 11000	1 I 8		F 2 40050	2 H 14
1905942	A 10 10020	1 L 18	1909703	A 7 27400	1 J 18
	A 10 16000	2 A 9	1909742	A 9 20200	1 L 14
1906238	B 6 10000	2 D 14		A 9 20225	1 L 16
	B 6 10020	2 D 20	1909745	A 9 20200	1 L 14
1906357	E 2 70000	2 G 16		A 10 20125	2 A 13
1906369	A 6 11000	1 I 8	1909947	A 9 20200	1 L 14
1906370	A 6 11000	1 I 8		A 9 20225	1 L 16
1906374	A 10 12000	1 L 22	1909978	F 1 10070	2 H 2
	E 2 70000	2 G 16		F 2 51270	2 I 6
1906386	A 6 11000	1 I 8		F 2 51300	2 I 8
1906387	A 6 11000	1 I 8	1909979	F 1 10070	2 H 2
1906408	A 10 10020	1 L 18		F 2 51270	2 I 6
1906804	F 2 51270	2 I 6	1909992	F 2 51270	2 I 6
	F 2 51300	2 I 8		F 2 51300	2 I 8
1907000	B 6 10000	2 D 14	1911507	F 2 51300	2 I 8
1907030	B 6 10000	2 D 14	1911520	A 1 10350	1 A 9
1907167	F 2 51270	2 I 6		A 1 10400	1 A 14
1907252	B 5 10040	2 D 6	1911528	A 5 50050	1 I 2
1907267	A 10 10020	1 L 18	1911535	A 5 10525	1 G 12
	A 10 16000	2 A 9	1911538	A 5 30100	1 G 20
1907440	B 6 10020	2 D 20	1911539	A 5 20050	1 G 16
1907482	E 1 13000	2 F 6	1911542	A 5 10050	1 G 6
1907485	E 1 13000	2 F 6	1911588	A 9 20200	1 L 14
1907486	E 1 13000	2 F 6		A 9 20225	1 L 16
1907487	E 1 13000	2 F 6		A 10 20125	2 A 13
1907507	D 1 10110	2 E 6		A 10 20130	2 A 15
	D 1 10120	2 E 11		A 10 25000	2 A 19
1907570	E 1 13050	2 F 12	1911589	A 9 20200	1 L 14
1907572	E 1 13050	2 F 12		A 9 20225	1 L 16
1907574	E 1 13050	2 F 12	1911977	F 2 96890	2 J 15
1907576	E 1 13050	2 F 12	1913567	F 2 40050	2 H 14
1907578	A 4 20620	1 E 24	1913569	C 1 10085	2 E 2
	B 1 23150	2 C 2		F 2 40050	2 H 14
1907580	B 6 10020	2 D 20	1913574	F 2 40050	2 H 14
1907709	A 10 12000	1 L 22	1913575	F 2 40050	2 H 14
1907838	B 6 10000	2 D 14	1913583	F 2 40050	2 H 14
	B 6 10020	2 D 20	1913666	A 7 30125	1 J 23
1907841	B 6 10000	2 D 14	1913673	F 1 20410	2 H 6
	B 6 10020	2 D 20	1913717	B 2 10010	2 C 14
1907842	B 6 10000	2 D 14	1913742	F 2 60050	2 I 17
	B 6 10020	2 D 20	1913913	A 1 20330	1 B 16
1907881	D 1 20100	2 E 19		A 1 25150	1 B 20
1907930	F 2 96830	2 J 13	1914075	F 2 40050	2 H 14
	F 2 96890	2 J 15	1914233	A 1 15300	1 B 10
	F 2 96900	2 J 17	1914240	A 7 25050	1 J 14
	F 2 96990	2 J 19	1914255	F 2 96830	2 J 13
	F 2 97000	2 J 21		F 2 96890	2 J 15
	F 2 97050	2 J 23		F 2 96900	2 J 17
1907935	F 2 96830	2 J 13		F 2 96990	2 J 19
	F 2 96890	2 J 15		F 2 97000	2 J 21
	F 2 96900	2 J 17		F 2 97050	2 J 23
	F 2 96990	2 J 19		F 2 97560	2 K 2
	F 2 97000	2 J 21		F 2 97600	2 K 4
	F 2 97050	2 J 23		F 2 98000	2 K 6
1907944	F 2 50110	2 I 2	1914284	B 4 10085	2 C 22
1908248	F 2 97050	2 J 23	1914646	A 1 25150	1 B 20
1908254	F 2 96890	2 J 15	1914660	F 2 97000	2 J 21
1908365	B 5 10040	2 D 6	1914662	F 2 96900	2 J 17
	B 5 10050	2 D 10	1914664	F 1 20410	2 H 6

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1914666	F 2 96830	2 J 13	1916994	A 7 50050	1 K 6
1914678	A 10 20125	2 A 13		A 7 50100	1 K 8
1914717	F 2 96890	2 J 15	1917182	A 1 20210	1 B 12
1914725	A 10 20125	2 A 13		A 1 20327	1 B 14
	A 10 20130	2 A 15	1917296	A 7 50050	1 K 6
1914726	A 10 25000	2 A 19	1917298	A 7 50050	1 K 6
1914824	A 1 15300	1 B 10	1917299	A 7 50050	1 K 6
1914825	A 1 15300	1 B 10		A 7 50100	1 K 8
1914969	A 1 10350	1 A 9	1917331	B 4 10085	2 C 22
	A 1 10400	1 A 14		B 4 10100	2 D 2
1914970	A 1 10350	1 A 9	1917429	F 2 40050	2 H 14
	A 1 10400	1 A 14	1917430	F 2 40050	2 H 14
1915134	E 2 30650	2 G 4	1917496	A 1 15110	1 B 8
1915205	A 10 16000	2 A 9		A 1 15300	1 B 10
	B 1 10080	2 A 23		F 2 50110	2 I 2
	B 1 10090	2 B 2	1917742	B 1 20130	2 B 18
	B 3 10010	2 C 18	1917836	A 1 15300	1 B 10
	E 1 10065	2 E 22		F 2 50110	2 I 2
	E 1 10410	2 E 24	1917920	A 9 16025	1 L 10
	E 1 12050	2 F 2	1917922	A 9 16025	1 L 10
1915214	B 1 10090	2 B 2	1917948	D 1 10110	2 E 6
1915219	E 2 70000	2 G 17		D 1 10120	2 E 11
1915221	E 2 70000	2 G 16	1917963	B 1 20130	2 B 18
1915222	B 3 10010	2 C 18		B 1 20205	2 B 22
1915267	B 4 10085	2 C 22	1917998	A 1 15110	1 B 8
	B 4 10100	2 D 2	1918501	B 1 10080	2 A 23
1915298	A 10 10020	1 L 18	1918518	A 1 10400	1 A 14
1915299	A 10 12000	1 L 22	1918946	F 2 10110	2 H 10
1915300	A 10 10020	1 L 18	1918967	B 4 10085	2 C 22
1915301	A 10 12000	1 L 22		B 4 10100	2 D 2
1915302	A 10 10020	1 L 18	1918982	B 4 10085	2 C 22
1915303	A 10 10020	1 L 18		B 4 10100	2 D 2
1915346	A 10 20125	2 A 13	1918985	A 9 14050	1 L 6
1915349	A 9 14050	1 L 6		F 1 20410	2 H 6
1915375	B 1 20205	2 B 22	1919013	F 2 10110	2 H 10
1915382	B 1 20205	2 B 22	1919014	F 2 10110	2 H 10
1915388	A 9 14050	1 L 6	1919071	B 3 10010	2 C 18
	E 2 50000	2 G 12	1919081	B 1 10080	2 A 23
1915391	A 9 14050	1 L 6	1919204	A 3 20175	1 D 18
1915392	A 9 14050	1 L 6	1919208	A 3 20175	1 D 18
1915423	B 1 20205	2 B 22	1919209	A 3 20175	1 D 18
1915428	B 1 20205	2 B 22	1919218	A 3 20175	1 D 18
1915462	B 1 20205	2 B 22	1919220	A 3 20175	1 D 18
1915482	B 1 20205	2 B 22	1919222	A 3 20175	1 D 18
1915526	B 1 20205	2 B 22	1919225	A 3 20175	1 D 18
1915566	A 10 20125	2 A 13	1919227	A 3 20175	1 D 18
	D 1 10110	2 E 6	1919229	A 3 20175	1 D 18
	D 1 10120	2 E 11	1919231	A 3 20175	1 D 18
1915586	A 10 25000	2 A 19	1919233	A 3 20175	1 D 18
1915658	A 9 14050	1 L 6	1919237	A 3 20175	1 D 18
1915696	A 10 12000	1 L 22	1919274	B 1 10090	2 B 2
1915733	A 7 25050	1 J 14	1919275	B 1 10080	2 A 23
1915771	A 3 20175	1 D 18	1919276	A 3 15125	1 D 14
1916232	E 1 13050	2 F 12	1919277	A 3 15125	1 D 14
1916233	E 1 13000	2 F 6	1919367	F 1 10070	2 H 2
1916441	B 5 10040	2 D 6		F 2 51270	2 I 6
1916648	F 2 96900	2 J 17	1919370	E 1 13050	2 F 12
1916718	A 7 15400	1 J 10	1919402	A 7 50050	1 K 6
	A 7 27400	1 J 18	1919403	A 7 50050	1 K 6
1916734	A 7 25050	1 J 14		A 7 50100	1 K 8
1916738	A 7 25050	1 J 14	1919426	A 1 10350	1 A 9
1916837	A 10 16000	2 A 9		A 1 10400	1 A 14
1916872	H 1 10100	2 K 14	1919429	A 1 10350	1 A 9
	H 1 10150	2 K 18		A 1 10400	1 A 14
1916920	A 10 12000	1 L 22	1919477	F 2 50110	2 I 2
	E 2 70000	2 G 16	1919489	A 1 10350	1 A 9
1916923	B 1 10080	2 A 23		A 1 10400	1 A 14
	B 1 20210	2 B 24	1919500	D 1 10110	2 E 7
1916955	H 1 10100	2 K 14	1919555	F 1 10070	2 H 2
	H 1 10150	2 K 18	1919562	F 1 10070	2 H 2
1916969	A 6 11000	1 I 8	1919563	F 1 10070	2 H 2
1916992	A 7 50050	1 K 6	1919654	B 1 10080	2 A 23
	A 7 50100	1 K 8	1919706	B 4 10085	2 C 22
1916993	A 7 50050	1 K 6		B 4 10100	2 D 2
	A 7 50100	1 K 8	1919777	A 9 16025	1 L 10

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1919798	A 9 16025	1 L 10	1922020	F 1 20410	2 H 6
1919809	A 7 15400	1 J 10	1922032	A 9 14050	1 L 6
1919811	A 7 15400	1 J 10		F 1 20410	2 H 6
	A 7 27400	1 J 18	1922132	C 1 10085	2 E 2
1919951	A 6 11000	1 I 8	1922134	A 7 30125	1 J 23
1920070	B 1 20130	2 B 18	1922161	A 8 10065	1 K 19
1920101	A 7 30125	1 J 23	1922192	A 7 25050	1 J 14
1920125	A 10 20125	2 A 13	1922200	D 1 10110	2 E 6
	A 10 20130	2 A 15	1922210	D 1 10110	2 E 6
1920129	A 10 20125	2 A 13		D 1 10120	2 E 11
	A 10 20130	2 A 15	1922459	A 1 10350	1 A 9
1920145	A 1 15300	1 B 10		A 1 10400	1 A 14
1920184	F 2 10110	2 H 10		A 1 12050	1 B 2
1920185	F 2 10110	2 H 10	1922480	A 1 15300	1 B 10
1920223	B 1 10090	2 B 2	1922481	A 1 15300	1 B 10
1920302	A 7 50050	1 K 6	1922485	A 1 15300	1 B 10
	A 7 50100	1 K 8	1922486	A 1 15110	1 B 8
1920318	A 3 20175	1 D 18		A 1 15300	1 B 10
1920325	A 3 20175	1 D 18	1922501	A 1 15110	1 B 8
1920372	B 4 10085	2 C 22	1922525	A 1 15110	1 B 8
1920373	B 4 10085	2 C 22	1922537	A 1 15110	1 B 8
	B 4 10100	2 D 2	1922597	J 1 20000	2 K 23
1920376	B 4 10085	2 C 22	1922638	B 1 15700	2 B 10
1920394	B 4 10085	2 C 22	1922644	B 1 15700	2 B 10
	B 4 10100	2 D 2	1922779	A 8 10055	1 K 17
1920461	B 1 15100	2 B 6		A 8 10065	1 K 19
1920497	A 7 30125	1 J 23	1922781	A 8 10055	1 K 17
1920526	H 1 10000	2 K 10		A 8 10065	1 K 19
1920696	B 1 10080	2 A 23	1922792	F 2 60050	2 I 17
1920710	A 9 14050	1 L 6	1922834	A 3 15125	1 D 14
	F 1 20410	2 H 6	1922838	F 2 60050	2 I 17
1920911	B 1 15100	2 B 6	1922839	F 2 60050	2 I 17
1920971	A 7 15400	1 J 10	1922855	F 2 60050	2 I 17
1920974	A 7 15400	1 J 10	1922862	F 2 60050	2 I 17
1920975	A 7 15400	1 J 10	1922863	F 2 60050	2 I 17
1920986	A 1 15300	1 B 10	1922864	F 2 60050	2 I 17
1921053	H 1 10100	2 K 14	1922868	A 3 15125	1 D 14
	H 1 10150	2 K 18	1922884	F 2 60050	2 I 17
1921063	A 1 20327	1 B 14	1922885	F 2 60050	2 I 17
	A 1 20330	1 B 16	1922886	F 2 60050	2 I 17
1921131	A 3 20175	1 D 18	1922911	A 9 10090	1 K 21
1921221	A 1 15110	1 B 8		A 9 10095	1 K 23
	A 1 15300	1 B 10	1922912	A 9 10090	1 K 21
1921275	A 1 15110	1 B 8		A 9 10095	1 K 23
1921276	A 1 15110	1 B 8	1922913	A 9 10090	1 K 21
1921436	F 2 10110	2 H 10	1922914	A 9 10090	1 K 21
1921437	F 2 10110	2 H 10	1922921	A 9 10090	1 K 21
1921439	F 2 10110	2 H 10		A 9 10095	1 K 23
1921440	F 2 10110	2 H 10	1922969	F 1 20410	2 H 6
1921450	F 2 60050	2 I 17	1922970	F 1 20410	2 H 6
1921454	F 2 60050	2 I 17	1922971	F 1 20410	2 H 6
1921457	F 2 60050	2 I 17	1922985	A 9 10090	1 K 21
1921458	F 2 60050	2 I 17		A 9 10095	1 K 23
1921604	A 1 10350	1 A 9	1922986	A 9 10090	1 K 21
	A 1 10400	1 A 14		A 9 10095	1 K 23
1921621	A 1 10400	1 A 14	1922989	F 1 10070	2 H 2
1921645	C 1 10085	2 E 2	1922993	F 1 20410	2 H 6
1921690	B 4 10085	2 C 22	1923087	A 1 20327	1 B 14
1921691	B 4 10085	2 C 22	1923092	A 9 14050	1 L 6
1921693	A 1 10350	1 A 9	1923093	A 9 14050	1 L 6
	A 1 10400	1 A 14	1923100	A 1 20210	1 B 12
1921755	A 9 10090	1 K 21		A 1 20327	1 B 14
1921756	A 9 10090	1 K 21		A 1 20330	1 B 16
1921757	A 9 10090	1 K 21	1923116	A 9 13200	1 L 2
1921810	B 4 10085	2 C 22		A 9 14050	1 L 6
	B 4 10100	2 D 2	1923201	D 1 10110	2 E 6
1921812	A 9 16025	1 L 10		D 1 10120	2 E 11
1921885	A 1 10350	1 A 9	1923202	D 1 10110	2 E 6
1921886	A 1 10350	1 A 9		D 1 10120	2 E 11
1921887	A 1 10350	1 A 9	1923203	D 1 10110	2 E 6
1921912	A 7 30125	1 J 23		D 1 10120	2 E 11
1921914	A 7 30125	1 J 23	1923275	A 9 14050	1 L 6
1921958	B 4 10085	2 C 22	1923316	D 1 10110	2 E 6
	B 4 10100	2 D 2		D 1 10120	2 E 11
1922019	F 1 20410	2 H 6	1923375	A 9 10090	1 K 21

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1923390	A 7 25050	1 J 14	1924339	H 1 10100	2 K 14
1923490	B 4 10085	2 C 22	1924343	H 1 10150	2 K 18
	B 4 10100	2 D 2	1924389	A 1 10400	1 A 14
1923491	D 1 10110	2 E 6	1924422	D 1 10110	2 E 7
	D 1 10120	2 E 11	1924423	D 1 10110	2 E 7
1923492	D 1 10110	2 E 6	1924464	A 7 30125	1 J 23
	D 1 10120	2 E 11	1924485	A 7 15400	1 J 10
1923545	F 1 20410	2 H 6	1924487	A 5 40150	1 H 2
1923559	A 9 14050	1 L 6	1924505	A 6 11000	1 I 8
1923628	B 5 10040	2 D 6	1924515	H 1 10100	2 K 14
	B 5 10050	2 D 10		H 1 10150	2 K 18
1923634	B 1 18050	2 B 14	1924516	H 1 10100	2 K 14
1923637	B 1 18050	2 B 14		H 1 10150	2 K 18
1923683	A 1 10400	1 A 14	1924521	A 1 15110	1 B 8
1923685	B 1 18050	2 B 14	1924522	H 1 10100	2 K 14
1923721	F 1 10070	2 H 2	1924523	H 1 10100	2 K 14
1923723	F 1 10070	2 H 2	1924524	H 1 10100	2 K 14
1923791	B 1 10080	2 A 23	1924619	A 7 30125	1 J 23
1923802	A 9 10090	1 K 21	1924620	A 7 30125	1 J 23
	A 9 10095	1 K 23	1924630	E 2 40000	2 G 8
1923842	A 1 10350	1 A 9	1924632	H 1 10000	2 K 10
1923843	A 1 10350	1 A 9	1924633	H 1 10000	2 K 10
	A 1 10400	1 A 14	1924634	H 1 10000	2 K 10
1923844	A 1 10400	1 A 14	1924635	H 1 10000	2 K 10
1923861	A 1 10350	1 A 9	1924638	H 1 10100	2 K 14
1923862	A 1 10350	1 A 9		H 1 10150	2 K 18
1923863	A 1 10350	1 A 9	1924639	H 1 10000	2 K 10
1923885	F 2 51300	2 I 8	1924640	H 1 10000	2 K 10
1923886	F 1 10070	2 H 2	1924643	H 1 10000	2 K 10
	F 2 51300	2 I 8	1924644	H 1 10000	2 K 10
1923887	F 2 51300	2 I 8	1924645	H 1 10000	2 K 10
1923905	A 8 10055	1 K 17	1924646	H 1 10000	2 K 10
1923906	A 8 10065	1 K 19		H 1 10100	2 K 14
1923907	A 8 10055	1 K 17		H 1 10150	2 K 18
1923914	B 4 10085	2 C 22	1924647	H 1 10000	2 K 10
	B 4 10100	2 D 2	1924648	H 1 10000	2 K 10
1923921	A 10 12000	1 L 22	1924649	H 1 10000	2 K 10
1923922	B 1 15700	2 B 10	1924650	H 1 10000	2 K 10
1923931	A 8 10055	1 K 17	1924651	H 1 10000	2 K 10
	A 8 10065	1 K 19	1924652	H 1 10000	2 K 10
1923932	A 8 10055	1 K 17		H 1 10100	2 K 14
1923939	F 2 60050	2 I 17		H 1 10150	2 K 18
1923946	F 2 51270	2 I 6	1924653	H 1 10000	2 K 10
1923957	A 1 25150	1 B 20		H 1 10100	2 K 14
1923960	B 3 10010	2 C 18		H 1 10150	2 K 18
1923966	F 1 20410	2 H 6	1924654	H 1 10000	2 K 10
1923978	A 7 30125	1 J 23	1924656	H 1 10000	2 K 10
1924023	A 7 25050	1 J 14	1924660	H 1 10000	2 K 10
1924035	B 4 10085	2 C 22	1924661	H 1 10000	2 K 10
	B 4 10100	2 D 2		H 1 10150	2 K 18
1924067	C 1 10085	2 E 2	1924662	H 1 10000	2 K 10
1924106	F 2 60050	2 I 17	1924663	H 1 10000	2 K 10
1924108	F 2 60050	2 I 17	1924664	H 1 10000	2 K 10
1924109	F 2 60050	2 I 17	1924669	H 1 10100	2 K 14
1924110	F 2 60050	2 I 17		H 1 10150	2 K 18
1924113	B 1 20205	2 B 22	1924747	H 1 10100	2 K 14
1924116	B 1 20205	2 B 22		H 1 10150	2 K 18
1924117	F 2 60050	2 I 17	1924761	H 1 10100	2 K 14
1924165	C 1 10085	2 E 2		H 1 10150	2 K 18
1924168	C 1 10085	2 E 2	1924806	A 9 20225	1 L 16
1924241	A 1 10350	1 A 9	1924858	H 1 10000	2 K 10
	A 1 10400	1 A 14	1924992	A 1 20210	1 B 12
1924242	A 1 10350	1 A 9		A 1 20327	1 B 14
	A 1 10400	1 A 14		A 1 20330	1 B 16
1924243	A 1 10350	1 A 9	1925199	A 1 20210	1 B 12
	A 1 10400	1 A 14		A 1 20327	1 B 14
1924246	A 7 15400	1 J 10		A 1 20330	1 B 16
1924332	H 1 10150	2 K 18	1925396	D 1 10110	2 E 6
1924333	H 1 10100	2 K 14		D 1 10120	2 E 11
1924335	H 1 10150	2 K 18	1925425	A 7 50050	1 K 6
1924336	H 1 10100	2 K 14		A 7 50100	1 K 8
	H 1 10150	2 K 18	1925428	A 5 40500	1 H 16
1924337	H 1 10100	2 K 14	1925532	F 2 97600	2 K 4
	H 1 10150	2 K 18	1925909	F 2 51270	2 I 6
1924338	H 1 10150	2 K 18		F 2 51300	2 I 8

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	F 2 51300	2 I 8	1927821	A 7 30125	1 J 23
1925911	F 1 20410	2 H 6		A 7 35000	1 K 2
	F 2 51270	2 I 6	1928004	E 1 13060	2 F 14
	F 2 51300	2 I 8	1928005	E 1 13060	2 F 14
1925913	F 2 51300	2 I 8	1928007	E 1 13060	2 F 14
1925940	A 6 11000	1 I 8	1928019	B 6 10030	2 D 24
	A 8 10055	1 K 17	1928021	B 6 10030	2 D 24
	A 8 10065	1 K 19	1928051	F 1 10070	2 H 2
1925973	F 1 10070	2 H 2	1928120	E 2 70100	2 G 22
	F 2 51270	2 I 6	1928246	A 6 11000	1 I 8
1925998	A 10 20130	2 A 15	1928247	A 6 11000	1 I 8
	A 10 25000	2 A 19	1928248	A 6 11000	1 I 8
1926075	B 1 10080	2 A 23	1928318	A 7 30125	1 J 23
	B 1 10090	2 B 2	1928420	F 2 98000	2 K 6
1926324	A 7 15400	1 J 10	1928462	D 1 10120	2 E 11
1926393	A 9 13200	1 L 2	1928587	B 1 20210	2 B 24
	A 9 14050	1 L 6	1928604	F 2 96830	2 J 13
1926395	A 9 13200	1 L 2	1928607	F 2 97600	2 K 4
1926421	A 7 15400	1 J 10	1928697	A 10 16000	2 A 9
1926444	A 1 20210	1 B 12	1928701	A 10 16000	2 A 9
	A 1 20327	1 B 14	1928702	A 10 16000	2 A 9
1926445	A 1 20210	1 B 12	1928705	A 10 16000	2 A 9
	A 1 20327	1 B 14	1928727	B 6 10015	2 D 16
1926480	F 2 90075	2 J 2		B 6 10030	2 D 24
1926481	F 2 90075	2 J 2	1928742	F 2 97560	2 K 2
1926482	F 2 90075	2 J 2	1928753	B 5 10050	2 D 10
1926483	F 2 90075	2 J 2	1928790	B 1 20130	2 B 18
1926497	F 2 90075	2 J 2		B 1 20205	2 B 22
1926795	A 5 40205	1 H 6		B 1 20210	2 B 24
1926814	A 9 10090	1 K 21	1928805	B 5 10050	2 D 10
1926831	B 1 20205	2 B 22	1928826	H 1 10000	2 K 10
1926835	D 1 10110	2 E 7	1928845	E 1 10065	2 E 22
1926869	A 7 15400	1 J 10		E 1 10410	2 E 24
	A 7 27400	1 J 18		E 1 12050	2 F 2
1926961	A 1 10350	1 A 9	1928873	B 5 10050	2 D 10
	A 1 10400	1 A 14	1928874	B 5 10050	2 D 10
1926962	F 2 40050	2 H 14	1928978	H 1 10100	2 K 14
1927058	A 9 16025	1 L 10		H 1 10150	2 K 18
1927079	B 5 10040	2 D 6	1928979	H 1 10100	2 K 14
1927087	A 1 10350	1 A 9		H 1 10150	2 K 18
	A 1 10400	1 A 14	1928981	H 1 10100	2 K 14
	A 1 12075	1 B 4		H 1 10150	2 K 18
1927096	A 8 10055	1 K 17	1929071	A 1 20210	1 B 12
	A 8 10065	1 K 19		A 1 20327	1 B 14
1927100	B 1 20205	2 B 22		A 1 20330	1 B 16
1927107	B 1 20205	2 B 22	1929134	D 1 10110	2 E 6
1927108	B 1 20205	2 B 22		D 1 10120	2 E 11
1927109	B 1 20205	2 B 22	1929135	D 1 10110	2 E 6
1927269	E 2 70100	2 G 21		D 1 10120	2 E 11
1927270	E 2 70100	2 G 22	1929168	B 1 20210	2 B 24
1927271	E 2 70100	2 G 21	1929268	B 1 20210	2 B 24
1927276	E 1 13060	2 F 14	1929271	B 1 20210	2 B 24
1927298	B 6 10015	2 D 16	1929313	A 10 16000	2 A 9
	B 6 10030	2 D 24	1929327	F 2 60050	2 I 17
1927316	A 10 16000	2 A 9	1929329	F 2 60050	2 I 17
1927359	E 2 70100	2 G 22	1929380	B 6 10015	2 D 16
1927402	A 10 16000	2 A 9		E 1 13020	2 F 8
1927428	A 9 10090	1 K 21	1929398	F 2 97600	2 K 4
1927447	F 2 96990	2 J 19	1929413	A 10 16000	2 A 9
1927449	F 2 96890	2 J 15	1929577	A 3 20175	1 D 18
1927527	F 2 60050	2 I 17	1929679	A 7 27400	1 J 18
1927528	A 7 50100	1 K 8	1929680	A 7 27400	1 J 18
1927529	A 7 50100	1 K 8	1929681	A 7 27400	1 J 18
1927530	A 7 50100	1 K 8	1929708	A 7 27400	1 J 18
1927531	A 7 10050	1 J 2	1929712	B 1 10080	2 A 23
1927570	A 7 50100	1 K 8	1929732	F 2 60050	2 I 17
1927572	A 7 50100	1 K 8	1929754	B 1 20205	2 B 22
1927607	B 1 10080	2 A 23	1929945	B 6 10030	2 D 24
	B 1 10090	2 B 2	1929973	F 2 97560	2 K 2
1927614	A 9 10090	1 K 21	1929981	B 1 10090	2 B 2
	A 9 10095	1 K 23	1930006	F 2 60050	2 I 17
1927616	F 2 90075	2 J 2	1930029	A 7 27400	1 J 18
1927676	A 1 25150	1 B 20	1930055	A 1 20327	1 B 14
1927691	B 1 18050	2 B 14		A 1 20330	1 B 16

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1930158	B 1 20130	2 B 18	1933457	A 9 13200	1 L 2
1930176	A 1 20210	1 B 12	1933464	A 9 13200	1 L 2
1930177	A 1 20210	1 B 12	1933465	A 9 13200	1 L 2
1930497	B 1 10080	2 A 23	1933470	A 9 13200	1 L 2
	B 1 10090	2 B 2	1933514	A 9 13200	1 L 2
1930498	B 1 20130	2 B 18	1933515	A 9 13200	1 L 2
	B 1 20205	2 B 22	1933516	A 9 13200	1 L 2
1930499	B 1 10080	2 A 23	1933713	A 7 25050	1 J 14
	B 1 10090	2 B 2	1933725	F 2 51300	2 I 8
1930500	B 1 10080	2 A 23	1933726	F 2 51300	2 I 8
	B 1 10090	2 B 2	1933755	A 1 20330	1 B 16
	B 1 20210	2 B 24	1933757	A 9 13200	1 L 2
1930501	B 6 10030	2 D 24	1934011	B 6 10015	2 D 16
1930508	B 4 10085	2 C 22		B 6 10030	2 D 24
1930549	A 7 25050	1 J 14	1934370	A 7 25050	1 J 14
1930554	B 6 10030	2 D 24	1934572	A 7 27400	1 J 18
1930580	D 1 20090	2 E 15	1934633	A 9 10095	1 K 23
1930606	C 1 10085	2 E 2		A 9 16025	1 L 10
1930624	F 2 40150	2 H 18	1934653	A 9 16025	1 L 10
1930688	A 7 27400	1 J 18	1934687	F 2 60050	2 I 17
	A 7 60000	1 K 12	1934875	E 2 70100	2 G 22
1930699	A 7 27400	1 J 19	1934921	A 7 27400	1 J 19
1930742	E 2 70100	2 G 22	1935046	B 6 10015	2 D 16
1930797	B 4 10085	2 C 22		B 6 10030	2 D 24
	B 4 10100	2 D 2	1935140	B 6 10030	2 D 24
1930909	E 2 70100	2 G 22	1935436	B 6 10015	2 D 16
1930932	A 1 20210	1 B 12	1935448	B 6 10015	2 D 16
1931016	A 1 20330	1 B 16	1935450	B 6 10015	2 D 16
1931018	A 1 20330	1 B 16	1935451	B 6 10015	2 D 16
1931019	A 1 20330	1 B 16	1935452	B 6 10015	2 D 16
1931020	B 4 10100	2 D 2	1935453	B 2 10000	2 C 12
1931021	A 1 25160	1 B 22		B 2 10010	2 C 14
1931110	A 10 16000	2 A 9	1935461	A 5 30120	1 G 22
1931111	A 10 16000	2 A 9	1935462	A 5 50060	1 I 4
1931218	J 1 20000	2 K 23	1935466	B 6 10015	2 D 16
1931290	A 1 10350	1 A 9	1935470	E 2 70100	2 G 22
1931327	F 2 60050	2 I 17	1935800	B 6 10030	2 D 24
1931401	E 2 70000	2 G 16	1935801	B 6 10030	2 D 24
1931440	A 1 20210	1 B 12	1935816	B 6 10030	2 D 24
	A 1 20327	1 B 14	1935829	B 6 10030	2 D 24
	A 1 20330	1 B 16	1936209	E 2 70100	2 G 22
1931625	B 4 10100	2 D 2	1936272	B 5 10050	2 D 10
1931641	A 1 20330	1 B 16	1936635	A 9 13200	1 L 2
1931691	B 1 20210	2 B 24	1937129	B 2 10000	2 C 12
	D 1 10120	2 E 11		B 2 10010	2 C 14
1931719	B 6 10015	2 D 16	1937131	B 2 10000	2 C 12
1931736	B 6 10015	2 D 16		B 2 10010	2 C 14
1931867	A 1 15110	1 B 8	1937132	B 2 10000	2 C 12
1931876	A 7 27400	1 J 18		B 2 10010	2 C 14
1931897	A 10 16000	2 A 9	1937425	E 2 30610	2 G 2
1932051	D 1 10110	2 E 6	1937427	E 2 30200	2 F 22
1932108	D 1 10110	2 E 7	1937460	E 2 70100	2 G 22
1932109	A 1 10350	1 A 10	1937484	B 6 10015	2 D 16
1932110	A 1 10350	1 A 9	1937662	A 7 25050	1 J 14
1932263	C 1 10085	2 E 2	1937784	F 2 60050	2 I 17
1932321	A 3 15125	1 D 14	1938217	B 6 10015	2 D 16
1932511	B 1 15700	2 B 10	1938453	F 2 60050	2 I 17
1932528	B 1 15700	2 B 10	1938926	F 2 40350	2 H 22
1932531	B 1 15700	2 B 10	1938931	E 2 70000	2 G 17
1932532	B 1 15700	2 B 10		E 2 70100	2 G 22
1932533	B 1 15700	2 B 10	1990105	A 1 15110	1 B 8
1932534	B 1 15700	2 B 10		F 2 50110	2 I 2
1932536	B 1 15700	2 B 10	1990106	F 2 50110	2 I 2
1932598	B 1 15700	2 B 10	1990109	F 2 50110	2 I 2
1932689	F 2 60050	2 I 17	1990111	A 5 20050	1 G 16
1932775	F 2 60050	2 I 17	1990114	A 5 30100	1 G 20
1932834	B 6 10015	2 D 16	1990117	A 7 10050	1 J 2
1932931	B 6 10015	2 D 16	1990119	A 7 10050	1 J 2
1932932	B 6 10015	2 D 16	1990120	A 7 10050	1 J 2
1933179	F 1 10070	2 H 2	1990122	A 7 10050	1 J 2
	F 2 51270	2 I 6	1990124	A 5 50050	1 I 2
	F 2 51300	2 I 8	1990125	A 5 50050	1 I 2
1933454	A 9 13200	1 L 2	1990126	A 5 50050	1 I 2
1933455	A 9 13200	1 L 2	1990127	A 7 10050	1 J 2

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1990129	A 7 10050	1 J 2	1990972	E 2 50000	2 G 12
1990130	A 7 10050	1 J 2	1990973	E 2 50000	2 G 12
1990131	A 7 10050	1 J 2	1990974	E 2 20000	2 F 18
1990172	A 5 10050	1 G 6	1990975	E 2 20000	2 F 18
	A 5 10210	1 G 10	1990976	E 2 20000	2 F 18
1990175	E 2 30650	2 G 4	1990977	E 2 20000	2 F 18
1990176	E 2 30650	2 G 4	1990978	E 2 20000	2 F 18
1990177	E 2 30650	2 G 4	1990979	E 2 20000	2 F 18
1990178	E 2 30650	2 G 4	1990980	E 2 20000	2 F 18
1990179	E 2 30650	2 G 4	1990981	E 2 20000	2 F 18
1990182	E 2 30650	2 G 4	1990982	E 2 20000	2 F 18
1990183	E 2 30200	2 F 22	1990983	E 2 20000	2 F 18
	E 2 30610	2 G 2	1991043	E 2 30610	2 G 2
	E 2 30650	2 G 4	1991044	E 2 70000	2 G 16
1990184	E 2 30200	2 F 22	1991086	E 1 10065	2 E 22
	E 2 30610	2 G 2		E 1 10410	2 E 24
	E 2 30650	2 G 4		E 1 12050	2 F 2
1990185	E 2 30610	2 G 2	1991089	E 1 13050	2 F 12
	E 2 30650	2 G 4	1991110	A 1 12050	1 B 2
1990194	F 2 50110	2 I 2	1991112	E 2 30650	2 G 4
1990195	A 7 10050	1 J 2	1991210	A 7 10200	1 J 6
1990249	A 1 25150	1 B 20	1991211	A 7 35000	1 K 2
1990262	E 2 30650	2 G 4	1991302	A 1 25150	1 B 20
1990268	E 2 30200	2 F 22	1991311	A 5 40150	1 H 2
1990297	E 2 30650	2 G 4	1991313	A 5 30120	1 G 22
1990436	J 1 20000	2 K 23		A 5 40150	1 H 2
1990476	J 1 10000	2 K 21		A 5 40230	1 H 12
1990501	F 2 50110	2 I 2	1991318	H 1 10100	2 K 14
1990502	F 2 50110	2 I 2		H 1 10150	2 K 18
1990503	F 2 50110	2 I 2	1991319	E 2 40000	2 G 8
1990515	J 1 10000	2 K 21	1991321	A 7 10200	1 J 6
1990532	E 2 70000	2 G 16	1991322	A 7 10200	1 J 6
1990533	E 2 70000	2 G 16	1991323	A 7 10200	1 J 6
1990534	E 2 70000	2 G 16		A 7 35000	1 K 2
1990535	E 2 70000	2 G 16	1991324	A 7 10200	1 J 6
1990540	E 2 70000	2 G 16	1991325	A 7 10200	1 J 6
1990541	E 2 70000	2 G 16		A 7 35000	1 K 2
1990542	E 2 70000	2 G 16	1991326	A 7 10200	1 J 6
1990543	E 2 70000	2 G 16	1991327	A 7 10200	1 J 6
1990544	E 2 70000	2 G 16		A 7 35000	1 K 2
1990546	E 2 70000	2 G 16	1991829	F 2 96890	2 J 15
1990547	E 2 70000	2 G 16		F 2 96900	2 J 17
1990550	E 2 70000	2 G 16		F 2 97050	2 J 23
1990551	E 2 70000	2 G 16	1991830	E 2 40000	2 G 8
1990554	E 2 70000	2 G 16	1991831	F 2 40050	2 H 14
1990555	E 2 70000	2 G 16	1991849	A 1 12050	1 B 2
1990556	E 2 70000	2 G 16	1991856	A 1 25160	1 B 22
1990557	E 2 70000	2 G 16	1991857	A 1 25160	1 B 22
1990559	E 2 70000	2 G 16	1991863	A 1 12050	1 B 2
1990560	E 2 70000	2 G 16	1991864	A 1 12050	1 B 2
1990564	E 2 70000	2 G 16	1991865	A 1 12050	1 B 2
1990565	E 2 70000	2 G 16	1991866	A 1 12050	1 B 2
1990566	E 2 70000	2 G 16	1991867	A 1 12050	1 B 2
1990567	E 2 70000	2 G 16	1991877	H 1 10100	2 K 14
1990568	E 2 70000	2 G 16		H 1 10150	2 K 18
1990569	E 2 70000	2 G 16	1991878	H 1 10100	2 K 14
1990571	E 2 70000	2 G 16		H 1 10150	2 K 18
1990572	E 2 70000	2 G 16	1991879	H 1 10100	2 K 14
1990573	E 2 70000	2 G 16		H 1 10150	2 K 18
1990574	E 2 70000	2 G 16	1991880	H 1 10100	2 K 14
1990594	B 6 10000	2 D 14		H 1 10150	2 K 18
1990595	B 6 10020	2 D 20	1991881	H 1 10100	2 K 14
1990596	E 2 70000	2 G 16		H 1 10150	2 K 18
1990606	E 2 70000	2 G 16	1991882	A 1 28025	1 C 2
1990628	E 2 70000	2 G 16	1991887	H 1 10100	2 K 14
1990629	E 2 70000	2 G 16	1991898	A 7 25050	1 J 14
1990631	E 2 70000	2 G 17	1991913	A 7 27400	1 J 18
1990632	E 2 70000	2 G 17	1991929	B 1 15100	2 B 6
1990948	E 2 30650	2 G 4	1991937	F 2 50110	2 I 2
1990964	E 2 30650	2 G 4	1991951	A 5 40500	1 H 16
1990967	E 2 50000	2 G 12	1991953	A 5 40500	1 H 16
1990968	E 2 50000	2 G 12	1991957	A 5 40205	1 H 6
1990969	E 2 50000	2 G 12	1991985	A 1 12050	1 B 2
1990970	E 2 50000	2 G 12	1991995	J 1 20000	2 K 23

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1992007	A 7 35000	1 K 2	1992349	E 2 70000	2 G 16
1992008	A 7 35000	1 K 2	1992350	E 2 70000	2 G 17
1992009	A 7 35000	1 K 2	1992351	E 2 70000	2 G 17
1992011	A 7 35000	1 K 2	1992354	J 1 20000	2 K 23
1992013	A 7 35000	1 K 2	1992358	A 5 50060	1 I 4
1992014	A 7 35000	1 K 2	1992360	A 5 50060	1 I 4
1992017	J 1 10000	2 K 21	1992361	A 5 30120	1 G 22
1992018	J 1 10000	2 K 21	1992362	A 5 40230	1 H 12
1992019	E 1 13060	2 F 14	1992366	J 1 50000	2 L 1
1992026	A 1 12075	1 B 4	1992367	J 1 50000	2 L 1
1992027	A 1 12075	1 B 4	1992368	J 1 50000	2 L 1
1992028	A 1 12075	1 B 4	1992391	E 2 30200	2 F 22
1992029	A 1 12075	1 B 4	1992397	E 2 30200	2 F 22
1992030	A 1 12075	1 B 4	1992407	E 2 70100	2 G 21
1992031	A 1 12075	1 B 4	1992434	E 2 30200	2 F 22
1992035	A 1 20327	1 B 14		E 2 30610	2 G 2
	A 1 20330	1 B 16	1992435	E 2 30200	2 F 22
1992054	A 5 40760	1 H 20		E 2 30610	2 G 2
1992077	E 2 70100	2 G 21	1992442	A 7 25050	1 J 14
1992078	E 2 70100	2 G 21	1992449	J 1 10000	2 K 21
1992079	E 2 70100	2 G 21		J 1 20000	2 K 23
1992080	E 2 70100	2 G 21	1992450	J 1 50000	2 L 1
1992082	E 2 70100	2 G 21	1992453	J 1 10000	2 K 21
1992083	E 2 70100	2 G 21	1992457	E 2 30200	2 F 22
1992084	E 2 70100	2 G 21		E 2 30610	2 G 2
1992085	E 2 70100	2 G 21	1992458	E 2 30610	2 G 2
1992086	E 2 70100	2 G 21	1992459	E 2 30610	2 G 2
1992087	E 2 70100	2 G 21	1992591	F 2 40350	2 H 22
1992088	E 2 70100	2 G 21	1992592	F 2 40350	2 H 22
1992089	E 2 70100	2 G 21	2106041	A 4 10725	1 E 9
1992095	E 2 70100	2 G 21	2106043	A 4 10725	1 E 9
1992096	E 2 70100	2 G 21	2106309	A 4 10615	1 E 2
1992098	E 2 70100	2 G 21		A 4 10725	1 E 9
1992099	E 2 70100	2 G 21		A 4 20070	1 E 22
1992100	E 2 70100	2 G 21		A 4 21400	1 F 2
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1992104	E 2 70100	2 G 21	2106367	A 4 21400	1 F 2
1992105	E 2 70100	2 G 21		A 4 21425	1 F 4
1992107	E 2 70100	2 G 21	2106470	A 4 10600	1 D 22
1992108	E 2 70100	2 G 21		A 4 10700	1 E 6
1992113	A 7 15400	1 J 10	2106473	A 4 20620	1 E 24
1992140	J 1 10000	2 K 21	2106712	A 4 21425	1 F 4
1992190	E 2 30200	2 F 22	2106786	A 4 21425	1 F 4
	E 2 30610	2 G 2	2106965	A 4 10615	1 E 2
1992191	E 2 30200	2 F 22		A 4 20070	1 E 22
1992194	A 9 10090	1 K 21	2106966	A 4 10615	1 E 2
1992195	F 2 40150	2 H 18		A 4 20070	1 E 22
1992196	F 2 40150	2 H 18	2106971	A 4 21400	1 F 2
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1992209	A 7 30125	1 J 23	2106974	A 4 10725	1 E 9
1992210	A 7 15400	1 J 10	2107397	A 4 21425	1 F 4
1992214	J 1 50000	2 L 1	2107398	A 4 10600	1 D 23
1992215	J 1 50000	2 L 1		A 4 10700	1 E 7
1992216	J 1 50000	2 L 1		A 4 20620	1 E 24
1992217	J 1 50000	2 L 1	2107400	A 4 21400	1 F 2
1992231	F 2 40150	2 H 18	2107443	A 4 10615	1 E 2
1992235	J 1 50000	2 L 1		A 4 20070	1 E 22
1992244	A 5 40205	1 H 6	2107447	A 4 14950	1 E 11
1992247	J 1 50000	2 L 1		A 4 15600	1 E 17
1992248	J 1 50000	2 L 1		A 4 15610	1 E 19
1992253	A 5 50050	1 I 2	2502452	J 1 10000	2 K 21
1992254	A 5 10525	1 G 12	2505196	A 9 10095	1 K 23
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1992285	F 2 40150	2 H 18	2520346	D 1 20090	2 E 15
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6513535	E 2 70100	2 G 21			
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