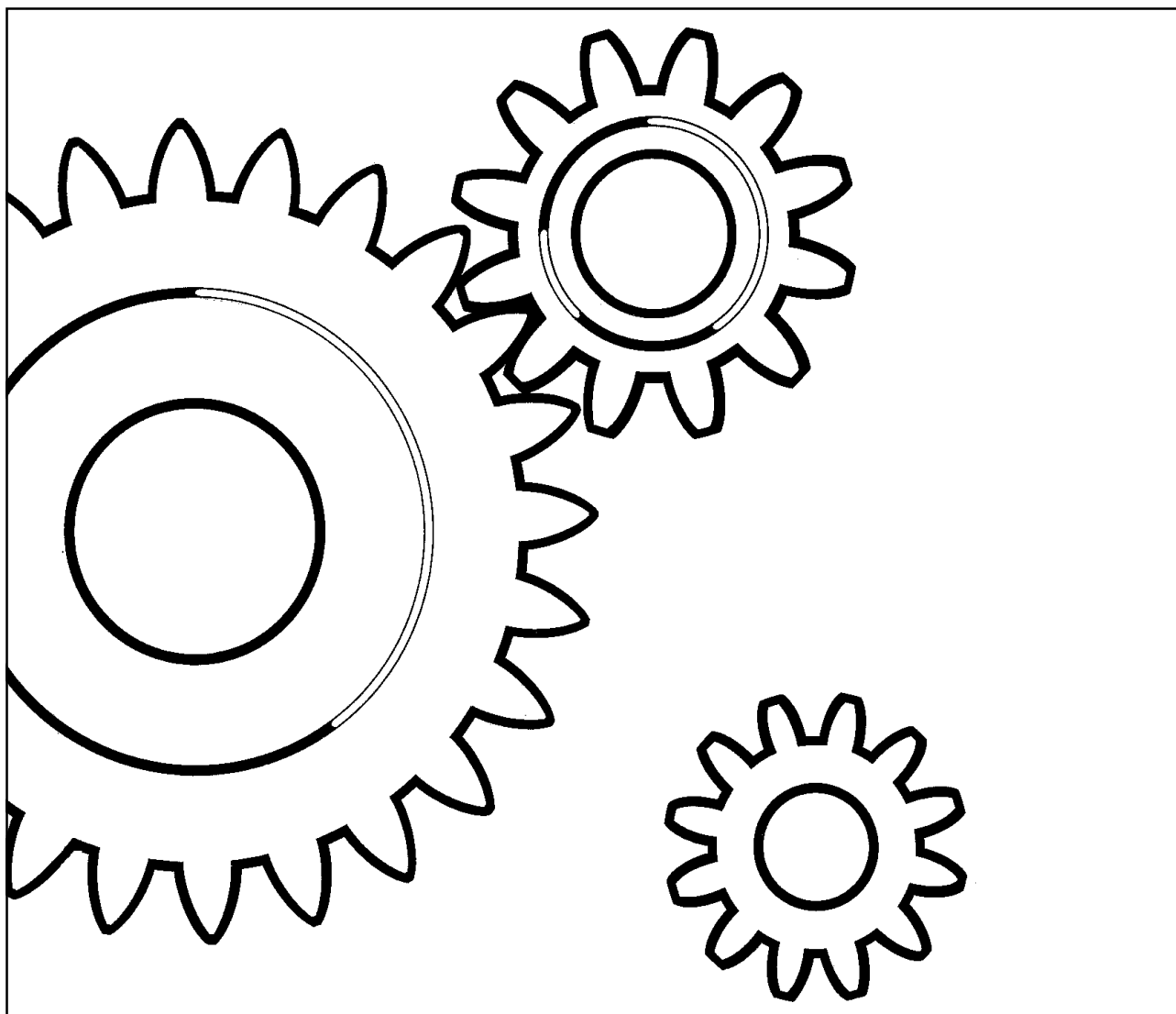


DYNAPAC CA280D

SPARE PARTS CATALOGUE

SCA280D-2EN3



DYNAPAC

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Vibratory Roller CA280D

Spare Parts Catalogue SCA280D-2EN3

Valid from roller serial number:

**68920361*-*

Diesel engines:

CUMMINS 4BTAA 3.9C

Published catalogue issues valid for these rollers:

<i>Catalogue</i>	<i>Issue date</i>	<i>Valid for serial numbers</i>
<i>SCA280D-2EN1</i>	<i>2004-04</i>	<i>Replaced by SCA280D-2EN2</i>
<i>SCA280D-2EN2</i>	<i>2004-11</i>	<i>Replaced by SCA280D-2EN3</i>
<i>SCA280D-2EN3</i>	<i>2006-02</i>	<i>*68920361*-</i>



RESERVDELSBESTÄLLNING

Följande uppgifter ska lämnas vid beställning av reservdelar för att undvika leveransfel:

1. Maskintyp.
2. Vältensserienummer.
3. Antal av önskad reservdel.
4. Reserdelens artikelnummer.
5. Reservdelens benämning.
6. Måttuppgifter vid beställning av metervara.

ORDERING SPARE PARTS

To avoid errors in delivery, please give the following information when ordering spare parts:

1. Type of machine.
2. Roller serial number.
3. Quantity required.
4. Part number.
5. Parts denomination.
6. Dimensions when ordering per length.

ERSATZTEILBESTELLUNG

Zur Vermeidung von Fehllieferungen sind bei der Bestellung von Ersatzteilen folgende Angaben zu machen:

1. Maschinentyp.
2. Herstellungsnummer.
3. Bestellmenge. (Quantity)
4. Ersatzteilnummer. (Part N°)
5. Ersatzteilbenennung. (Denomination)
6. Massangaben bei Bestellung von Meterware.

ORDINI DI RICAMBI

Per evitare errori nelle consegne di ricambi, Vi preghiamo di comunicarci le seguenti informazioni al momento dell'ordinazione:

1. Tipo di macchina.
2. Numero di serie della macchina.
3. Quantità dei pezzi desiderati. (Quantity)
4. Numero di codice del pezzo. (Part N°)
5. Descrizione del pezzo di ricambio. (Denomination)
6. Misura, in caso di ordine per metro.

PEDIDO DE RECAMBIOS

Para evitar errores en las entregas, deberán indicarse los siguientes datos al hacer un pedido de recambios:

1. Tipo de máquina.
2. Número de serie.
3. Cantidad de piezas deseadas. (Quantity)
4. Número de artículo de la pieza de recambio. (Part N°)
5. Denominación de la pieza. (Denomination)
6. Indíquese la medida al solicitar un artículo que se expide por metros.

COMMANDE DE PIÉCES DE RECHANGE

Les indications suivantes doivent être fournies lors de la commande de pièces de rechange, afin d'éviter toute erreur de livraison:

1. Type de machine.
2. Numéro de série.
3. Quantité désirée de pièce de rechange. (Quantity)
4. Numéro de la pièce de rechange. (Part N°)
5. Dénomination de la pièce de rechange. (Denomination)
6. Longueur en cas de commande au mètre.

YOUR AGENT/DEALER:

DYNAPAC

Text pages

The text pages is structured as the picture on the right.

1. This is the remarks for specific items and the descriptions of the remarks is at the bottom of the parts list.

2. Parts indicated by a dot and moved to the right are included when buying the assembled unit above.

3. Spare parts and service code for a specific part, mainly for internal use at Dynapac. "A" = Service part, "B" = Fast moving part, "C" = Suggested exchanged part and "D" = Regular spare part.

DYNAPAC					Metso Dynapac AB
Cooling system					
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	223047		1	Water cooler	③ C
2	935852		1	Radiator cap	D
3	935851	①	1	Cock	
4	373263	A	1	Radiator hose	D
5	313009		6	Clamp	
6	205058	B	1XL	Rubber clutch	
7	373261	C	1	Radiator hose	D
8			1	Oil cooler	D
9	223289		1	Plate	
10	902166	D	1XL	Edge trim	
11	223287	E	1	Holder	
12	223288	F	1	Holder	
13	908168		1	Fan guard	
14	908170		1	Fan shroud	
15	908171		2	Mounting bar	
16	908169		1	Fan guard	
17	500021		14	Screw	
18	902286		14	Nut	
19	600006		14	Washer	
20	313102		2	Cable strap	

A) Upper
 B) L=060MM
 C) Lower
 D) L=2280MM
 E) Left
 F) Right

Changes

PARTS INFO	SERVICE INFO	GROUP	PAGE	NOTES

Notes

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

PÄRMETIKETT

För att undvika fel vid reservdelsbeställning finns här nedan två etiketter som passar i fickorna på pärmarnas ryggar. På dessa kan man se från vilket vältnummer av aktuell maskin reservdelskatalogen gäller. Gör så här:

1. Tag denna sida ur pärm.
2. Klipp ut etiketten till **VÄNSTER** (1) och sätt in den i fickan på **DENNA** pärmens rygg.
3. Finns det en etikett till **HÖGER** (2), kan denna användas på pärmerna för **FÖREGÅENDE** utgåva av denna katalog.
4. Kasta detta papper.

KATALOG-BESCHRIFTUNG

Zur Vermeidung von Fehlern bei der Ersatzteilbestellung benutzen Sie bitte die unteren Beschriftungen, um die Kataloge auf der Rückseite zu kennzeichnen. Auf der Beschriftung ist angegeben, für welche Maschinennummern der jeweilige Katalog gültig ist. Ablauf:

1. Nehmen Sie dieses Blatt aus dem Katalog.
2. Schneiden Sie die **LINKE** Beschriftung (1) aus. Schieben Sie die Beschriftung in die tasche auf **DEM** Katalogrücke.
3. Sollte die Beschriftung unten **RECHTS** (2) mitgeliefert werden, kennzeichnen Sie damit bitte die **ÄLTERE** Ausführung dieses Kataloges.
4. Den Rest dieses Blattes bitte vernichten.

ETIQUETA PARA LA CARPETA

Para evitar errores al pedir repuestos utilicen las etiquetas abajo descritas para identificar los catálogos en la parte trasera de la carpeta. En la etiqueta se ven los números de referencia de la serie para la cual es válido el catálogo. Instrucciones:

1. Quitar esta página de la carpeta.
2. Corta la etiqueta **IZQUIERDA** (1) y ponerla en la parte trasera de la carpeta.
3. Si hay una etiqueta en la parte **DERECHA** (2) se puede utilizar en la carpeta para el catálogo que **PRECEDE** a esta.
4. Tirar esta hoja.

BINDER LABEL

To avoid errors when ordering spare parts use the labels below to identify the catalogues on the back of the binder. The label contain the serial number range for which the catalogue is valid. Do like this:

1. Remove this page from the binder.
2. Cut out the **LEFT** label (1) and put it on **THIS** binders back.
3. If there is a label to the **RIGHT** (2), it can be used on the binder for **PRECEDING** issue of this catalogue.
4. Throw away this paper.

ETICHETTA POSTA SUL RACCOLGITORE

Per evitare errori quando ordinate pezzi di ricambio, usate le etichette in calce che servono ad identificare i cataloghi sul retro del raccoglitore. L'etichetta indica il numero di matricola delle macchine prese in considerazione nel catalogo.

1. Rimuovete questa pagina dal raccoglitore.
2. Ritagliate l'etichetta posta a **SINISTRA** (1) e ponetela sul retro **DEL** raccoglitore.
3. Se trovate anche un'etichetta sulla **DESTRA** (2), ritagliatela e ponetela sul raccoglitore relativo alla **PRECEDENTE** edizione del catalogo.
4. Distruggete questo foglio.

ETIQUETAGE DU CATALOGUE

Afin d'éviter des erreurs lors de commandes de pièces de rechange, nous vous conseillons d'apposer les marquages ci-dessous à l'arrière du classeur, pour identifier les catalogues. Ce marquage indique les numéros de série pour lesquels le catalogue est adapté. Il convient de procéder de la façon suivante:

1. Retirez cette page du classeur.
2. Découpez l'étiquette de **GAUCHE** (1), et apposez-la à l'arrière de **CE** catalogue.
3. Si il y a une étiquette à **DROITE** (2), vous pourrez l'apposer sur le classeur de l'édition **PRECEDENTE** du catalogue.
4. Détruire cette feuille.

1.



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939566 Service kit 500 h	8
939565 Service kit 1000 h	10
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383856 Rear axle No-Spin, Option	82
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Planet gear	88
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371509 Propulsion motor	94
Propulsion system, Rear	96

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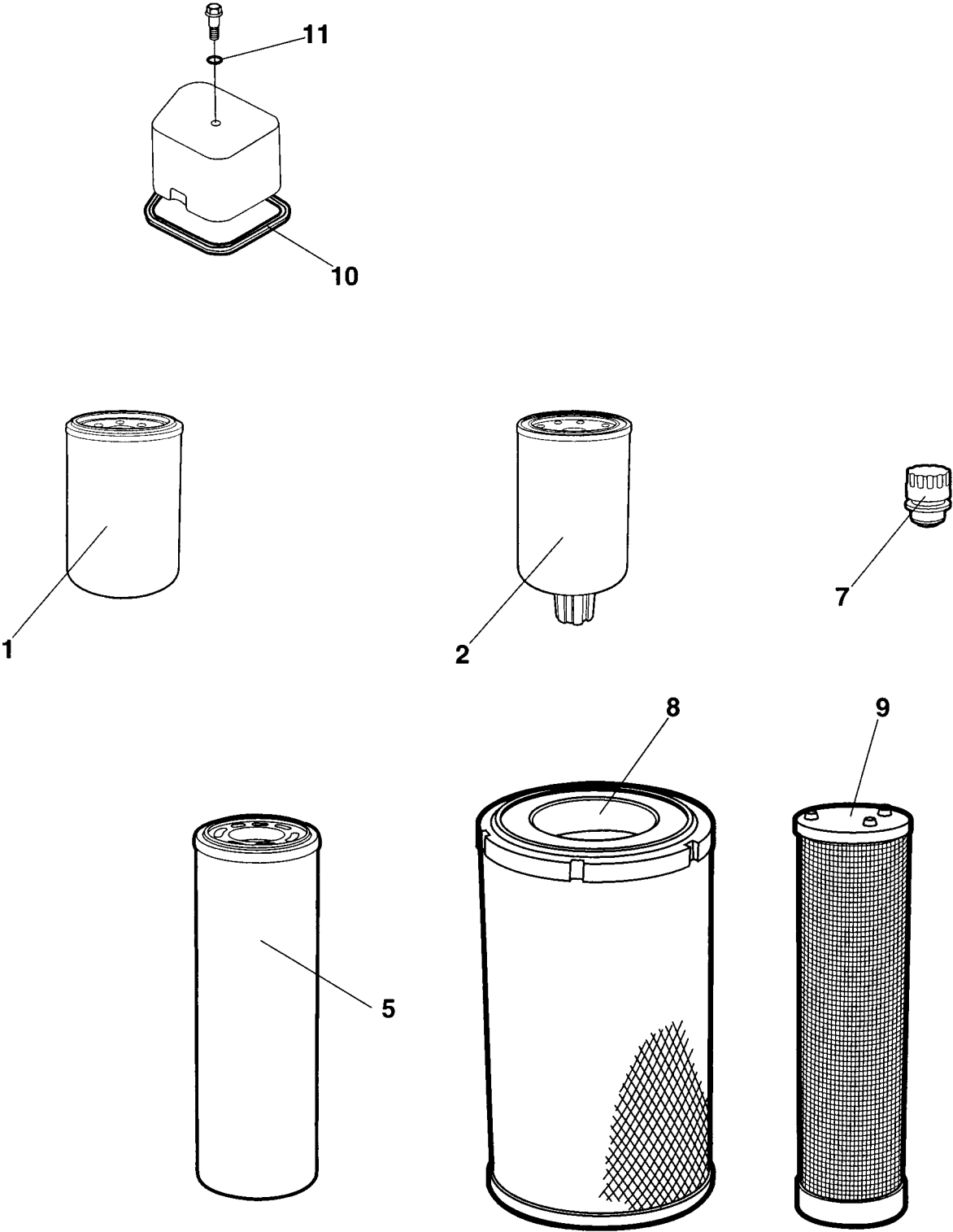
	Vibration system	98
380145	Vibration motor	100
	Steering system	102
375031	Hydraulic cylinder	104
376000	Steering valve	106
	Brake system	108
	Hydraulic oil tank	110
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	Cab Screens	154
	Cab, door, left side	158
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	Cab Work light	166
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	Decals	170
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	Optional equipment	180
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	Heater Simple cab	184
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Ref. No.	Part No.	Rem.	Qty	Description	Code
1				Service kits (Page 4)	
2				Repair kits (Page 12)	
10				Frame (Page 22)	
20				Drum (Page 44)	
30				Engine (Page 52)	
40				Transmission (Page 68)	
50				Hydraulic system (Page 90)	
60				Electrical equipment (Page 122)	
70				Drivers platform (Page 138)	
80				Decals (Page 170)	
90				Standard equipment (Page 176)	
91				Optional equipment (Page 180)	

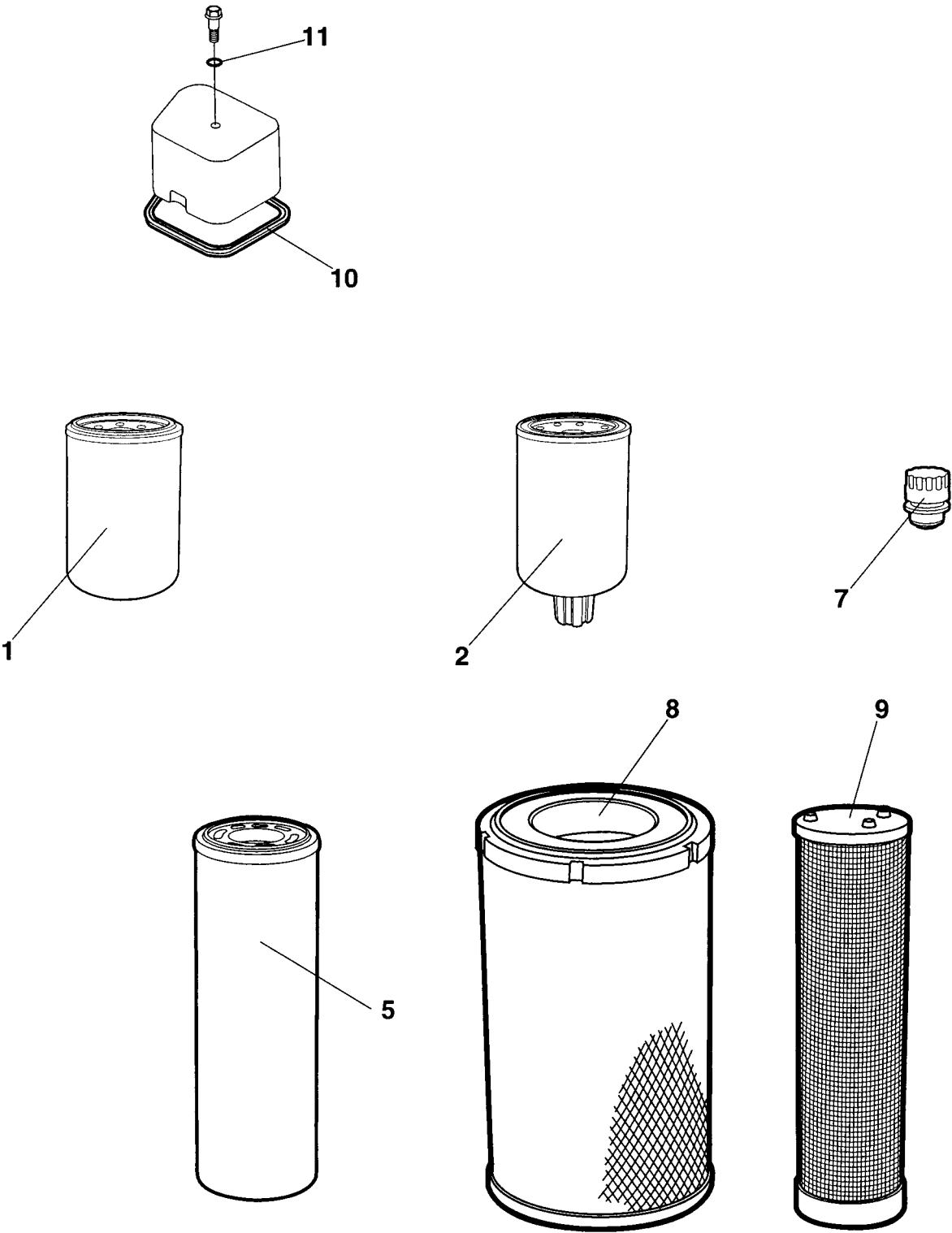
Service kits

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939563			Service kit 50 h (Page 6)	
2	939566			Service kit 500 h (Page 8)	
3	939565			Service kit 1000 h (Page 10)	



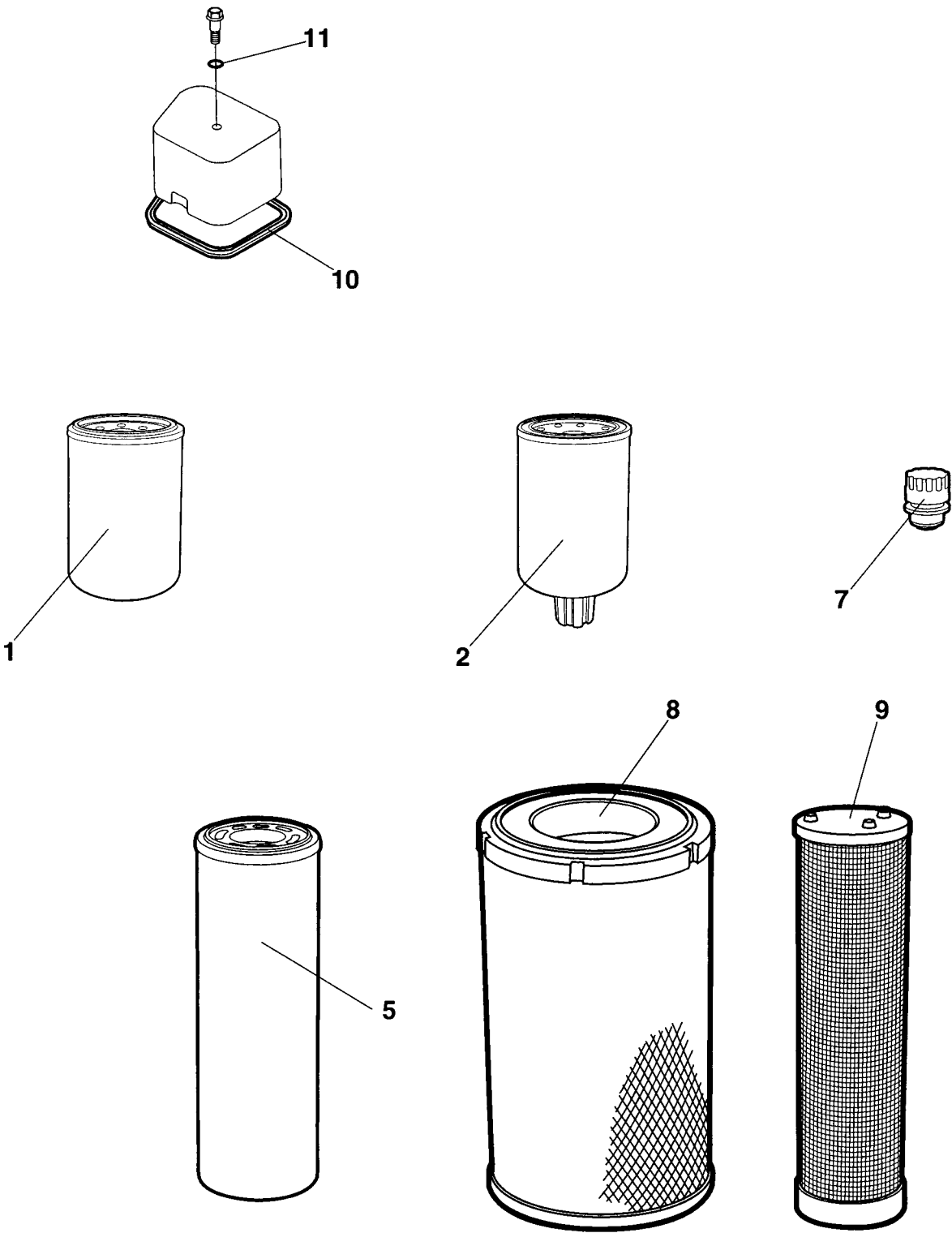
939563 Service kit 50 h

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939480		1	Oil filter element	A
2	939372		1	Fuel filter element	A
5	372229		1	Filter element	A



939566 Service kit 500 h

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939480		1	Oil filter element	A
2	939372		1	Fuel filter element	A
8	908450	1	1	Air filter	A
1)	Main				



939565 Service kit 1000 h

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939480		1	Oil filter element	A
2	939372		1	Fuel filter element	A
5	372229		1	Filter element	A
7	357138		1	Ventilating filter	A
8	908450	1	1	Air filter	A
9	908451	2	1	Air filter	A
10	938514		4	Valve cover gasket	
11	938516		4	Gasket	
1)	Main				
2)	Safety				

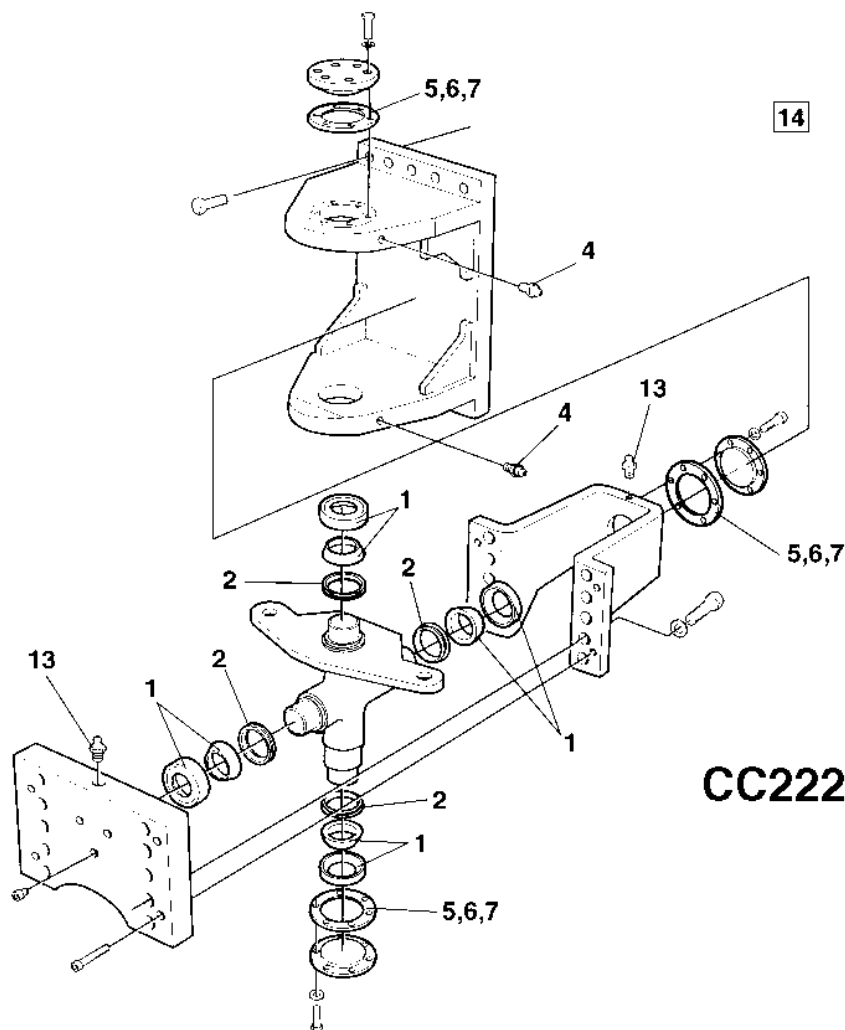
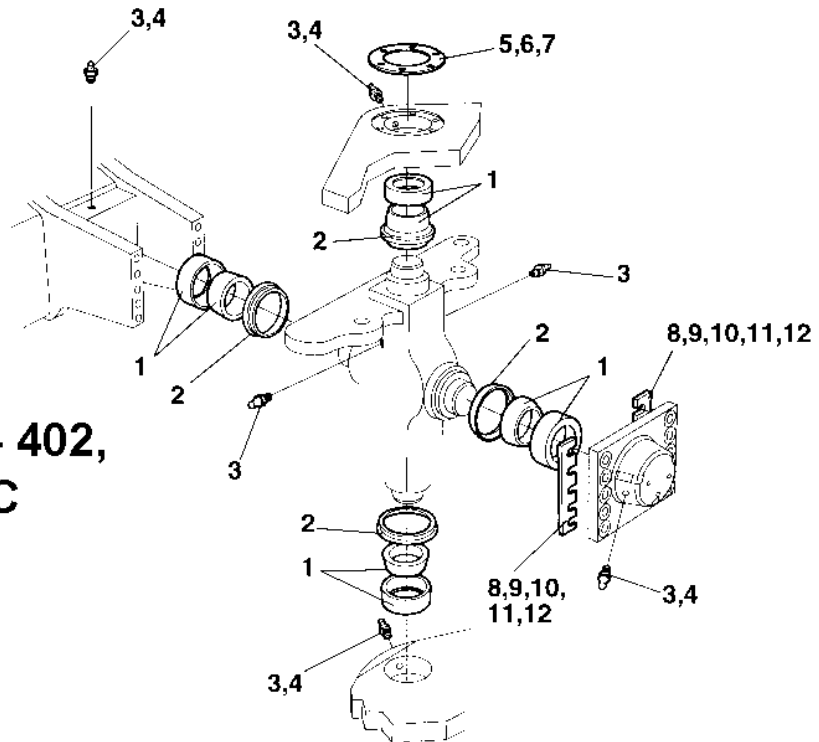
Repair kits

Ref. No.	Part No.	Rem.	Qty	Description	Code
5	938558			Steering hitch kit (Page 14)	
10	938894			Eccentric shaft kit (Page 16)	
20	938891			Drum rotation kit (Page 18)	
30	938889			Shock absorber kit, drum (Page 20)	

938558 Steering hitch kit

938558

**CA150 - 402,
CC501/C**

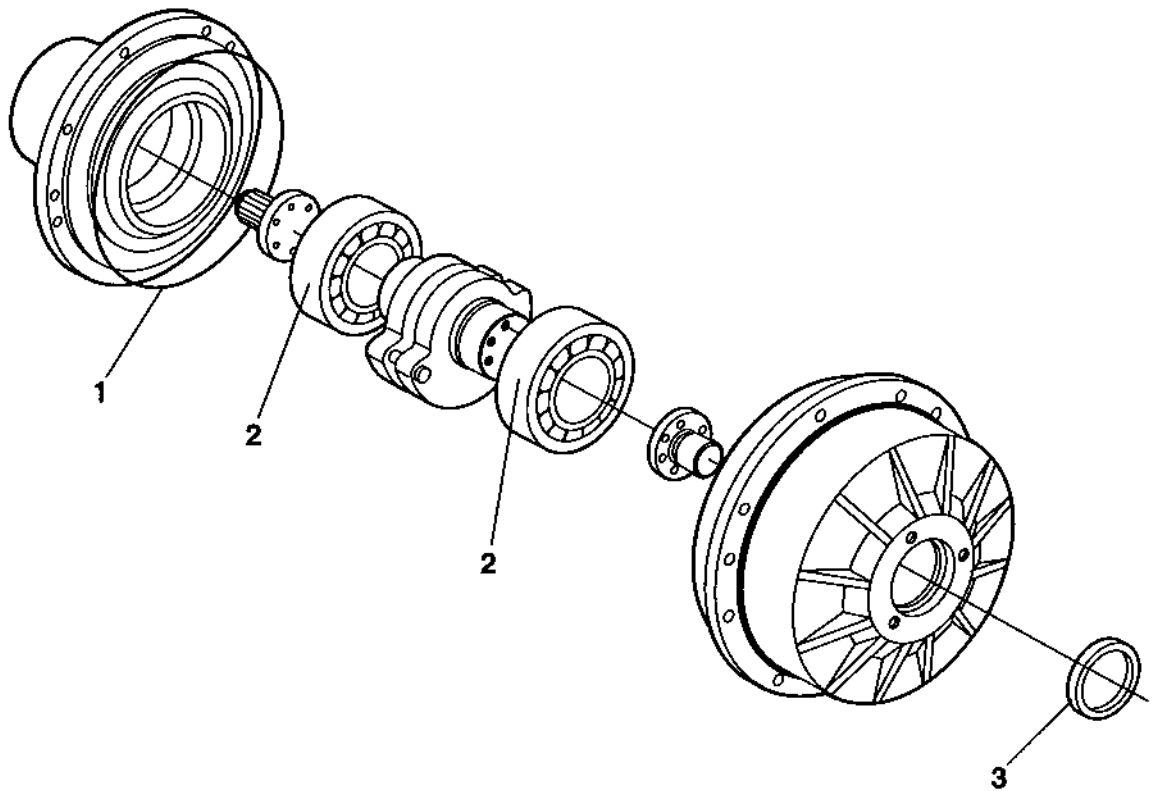


CC222-622/C

938558 Steering hitch kit

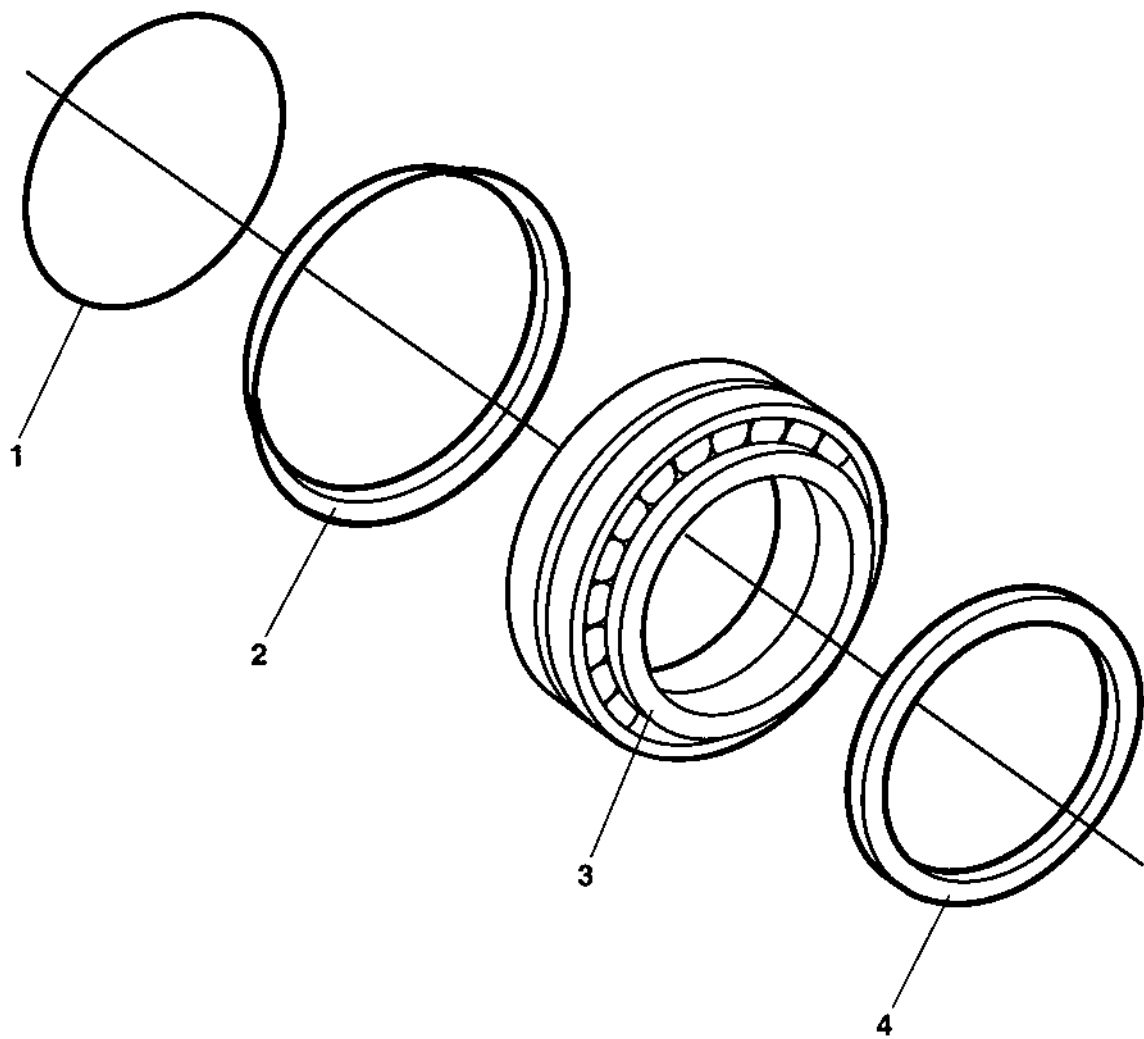
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	100040		4	Axial ball bearing	D
2	167032		4	Lip-type oil seal	D
3	310008	2	3	Grease nipple	D
4	926214		2	Grease fitting	D
5	337045		3	Shim T=1,0 mm	D
6	345874		3	Shim T=0,35 mm	D
7	345875		3	Shim T=0,10 mm	D
8	345871	1	2	Shim T=1,0 mm	D
9	345872	1	2	Shim T=0,35 mm	D
10	345873	1	2	Shim T=0,10 mm	D
11	380993	1	2	Shim T = 2,0 mm	D
12	384498	1	2	Shim T = 0,15 mm	D
13	929863	3	1	Grease nipple	D
14	904663		1	Lube grease " DYNAPAC special approved "	
15			1	Instructions	

- 1) Valid for CA152-402 and CC501/C
- 2) Valid for CC501/C
- 3) Valid for CC222/232/322/422/432/522/622/C



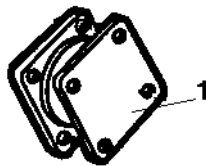
938894 Eccentric shaft kit

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	900776		1	O-ring	D
2	900784		2	Cylinder roller bearing	
3	900782		1	Seal ring	D



938891 Drum rotation kit

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	160105		1	O-ring	D
2	929447		1	V-ring	D
3	116041		1	Taper roller bearing	D
4	167023		1	Seal ring	D



938889 Shock absorber kit, drum

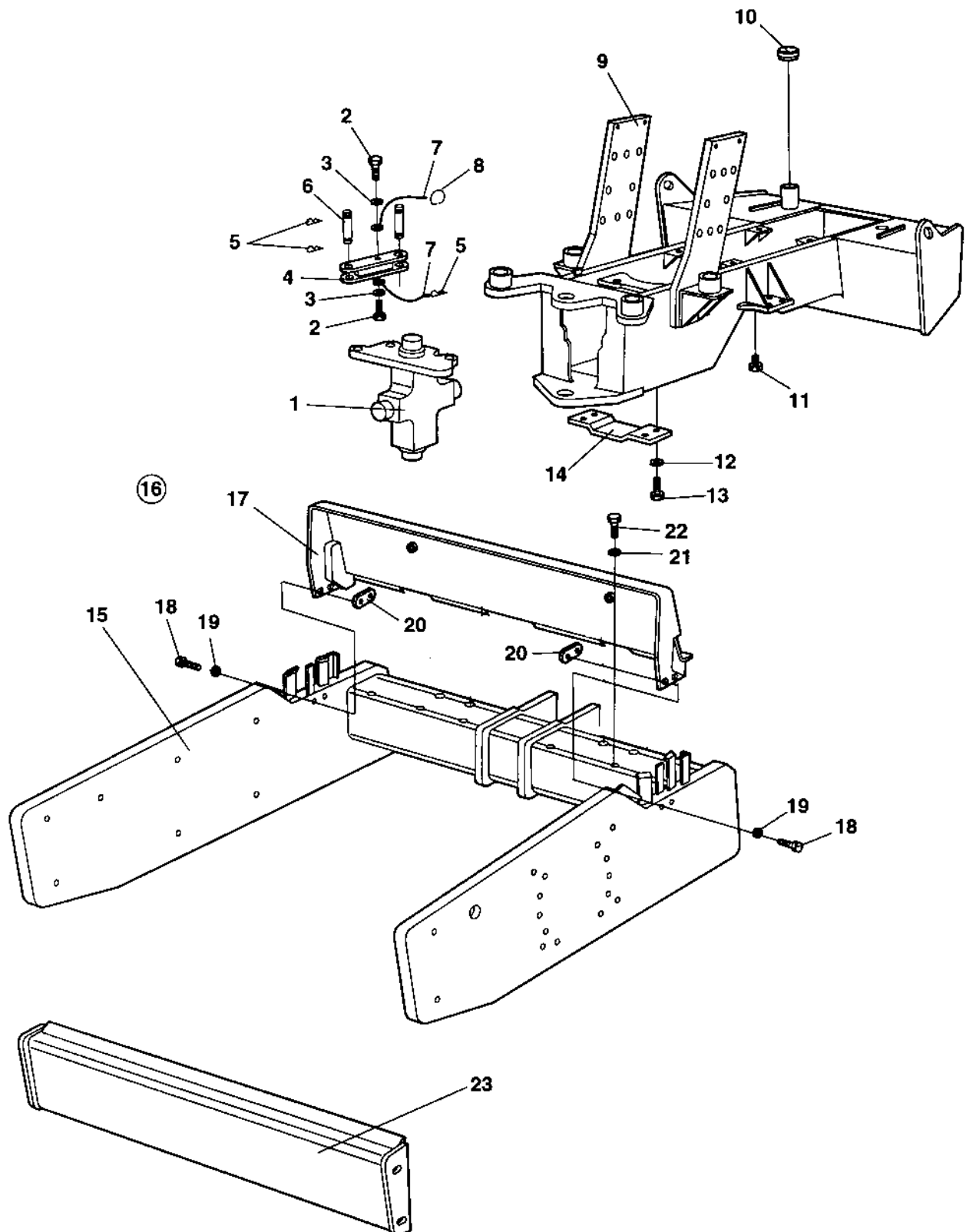
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	801187		12	Shock absorber	B

Frame

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Frame (Page 24)	
30				Scraper and beam (Page 26)	
45				Scrapers, Urethan Rubber Option Up to 68X20404 (Page 28)	
46				Scrapers, Urethan Rubber Option From 68X20405 (Page 30)	
55				Scrapers, Spring Steel Option Up to 68X20404 (Page 32)	
56				Scrapers, Spring Steel Option From 68X20405 (Page 34)	
60				Hitch (Page 36)	
70				Structure (Page 38)	
85				Noise suppression (Page 40)	
90				Drum shroud Option From 68X20405 (Page 42)	

Frame

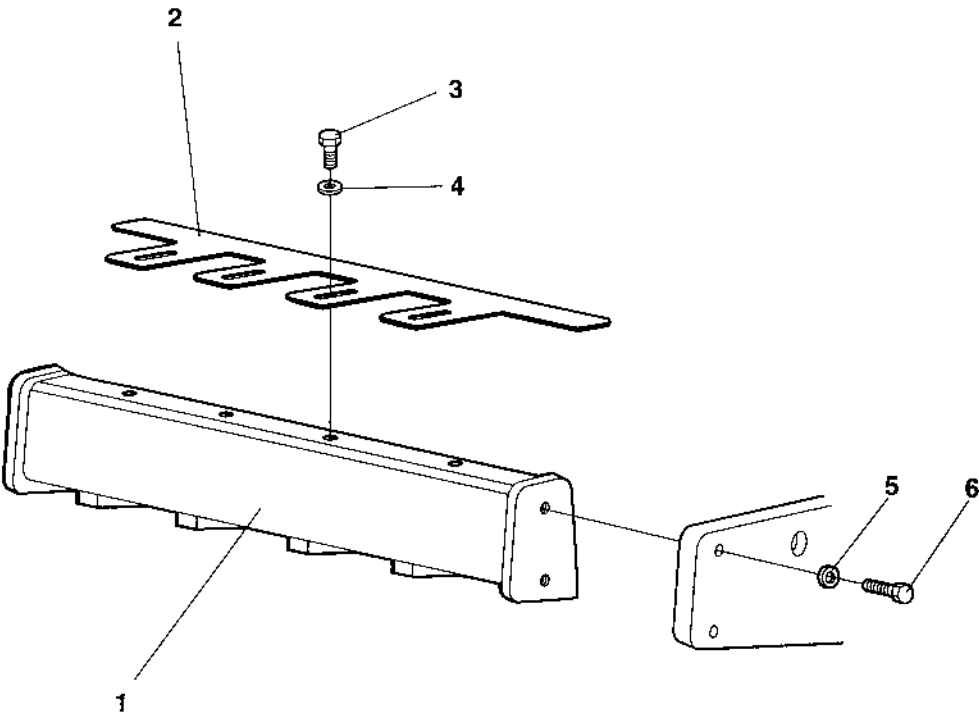
16934-1



Frame

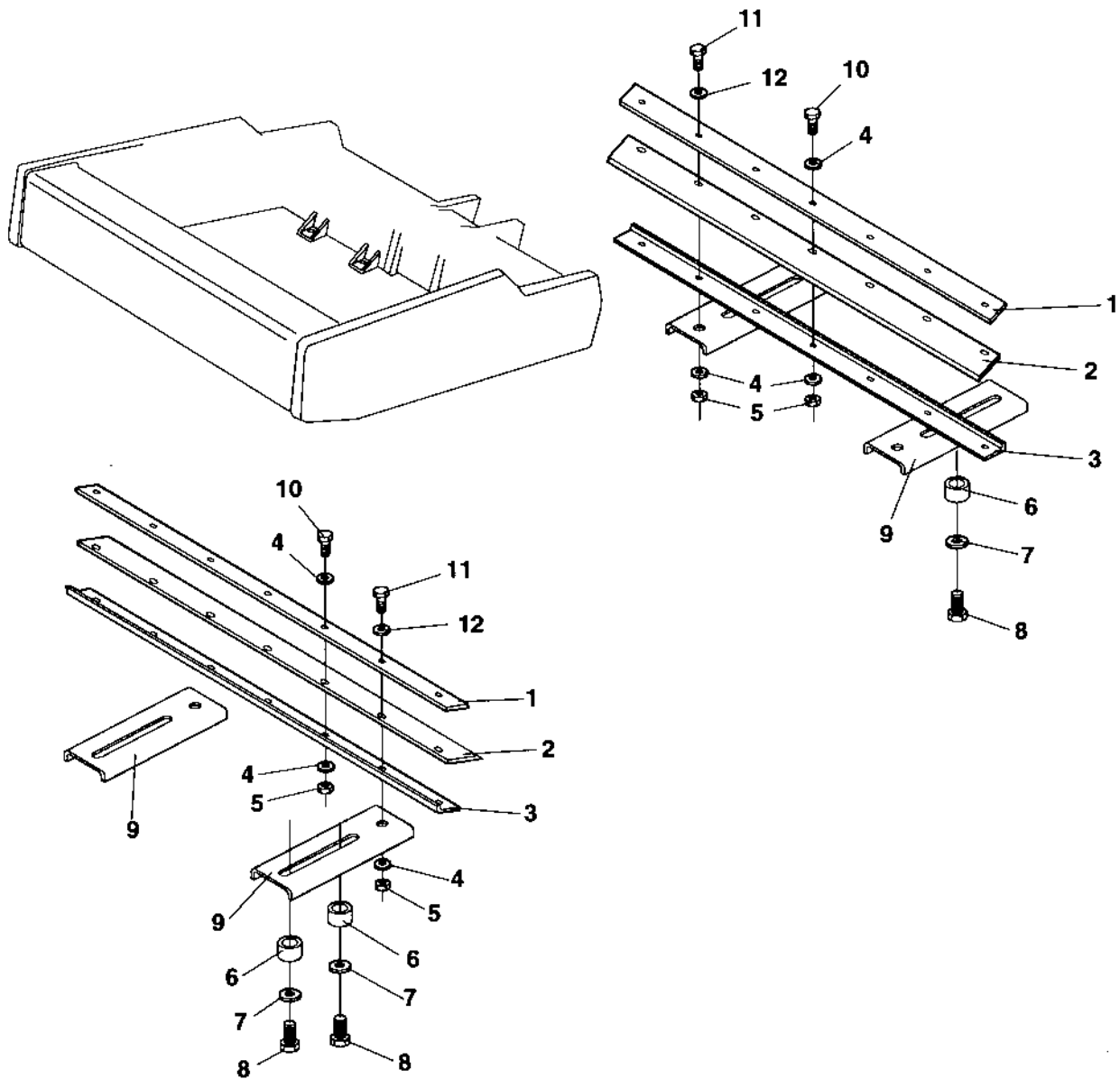
Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Hitch (Page 36)	
2	500043		2	Screw M10x16H 8,8	
3	904230		2	Washer 10,5x22x2	
4	374744		1	Safety rod	
5	635061		3	Hair clip	D
6	347119		2	Shaft	D
7	343775		2	Wire	
8	357488		1	Spring	
9	386812		1	Tractor frame Up to ECN04250	
	378206		1	Tractor frame From ECN04250	
10	373460		1	Fuel cap	D
11	813391		1	Magnetic plug	D
12	904557		4	Washer 10,5x22x4	
13	500029		4	Screw M10-1,5x30 8,8	
14	372087		1	Protection plate	
15	384066		1	Drum frame Up to 68X20404	
	376701		1	Drum frame From 68X20405	
16			1	Drum shroud, cpl Option	
17	372844	A	1	.Drum shroud From 68X20405	
18	500077		4	.Screw	
19	904230		4	.Washer 10,5x22x2	
20	376045		2	.Holder	
21	904557		4	.Washer 10,5x22x4	
22	500029		4	.Screw M10-1,5x30 8,8	
23			1	Scraper	

A) For new Drum shroud see section "Drum shroud Option".



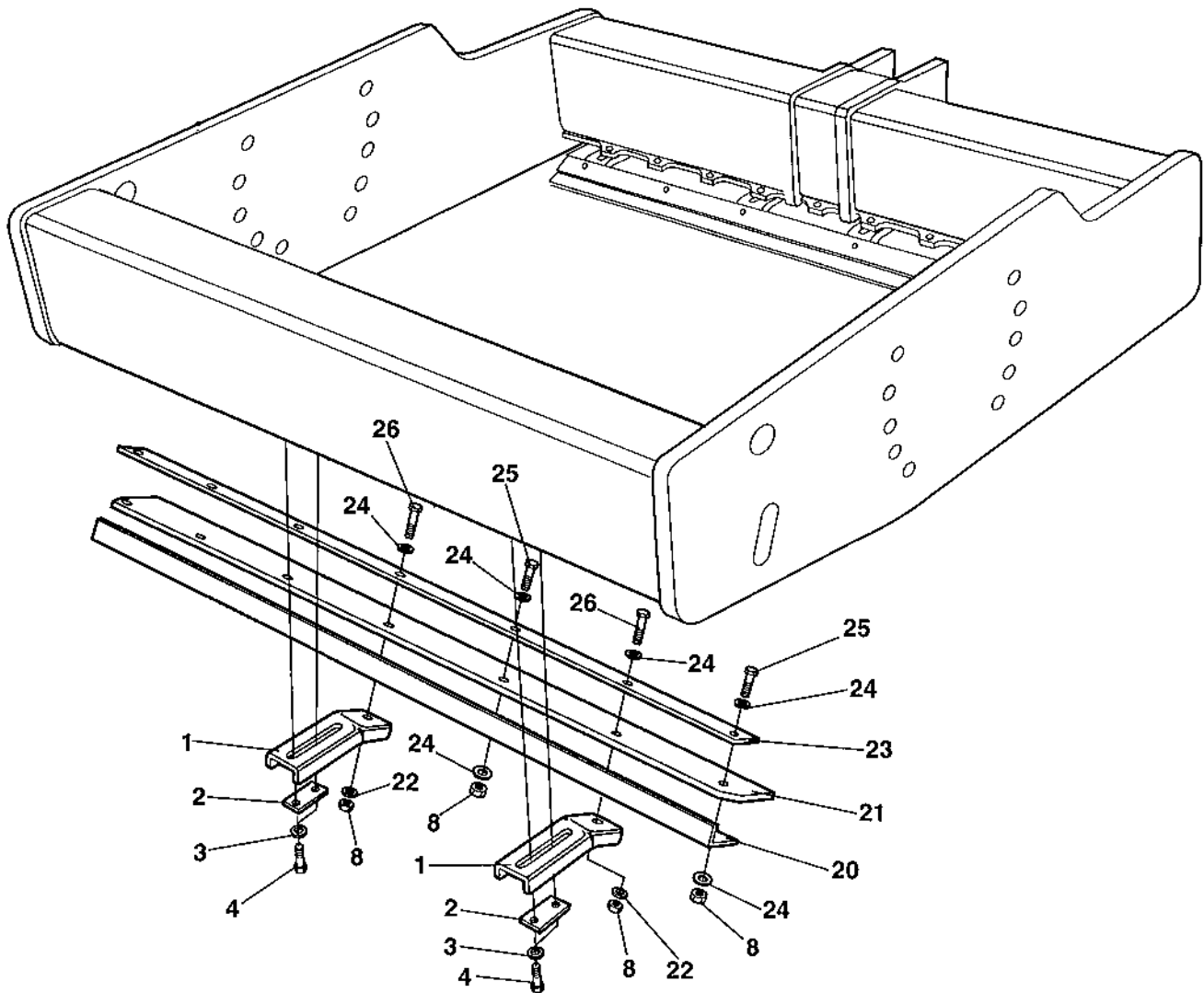
Scraper and beam

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	382644		1	Cross beam Up to ECN03280	
	376652		1	Cross beam From ECN03280	
2	384048		1	Scraper	
3	500102		4	Screw M16x45	
4	904558		4	Washer 17x30x6	
5	904234		4	Washer 25x45x4	
6	500283		4	Screw M24x120	



Scrapers, Urethan Rubber Option

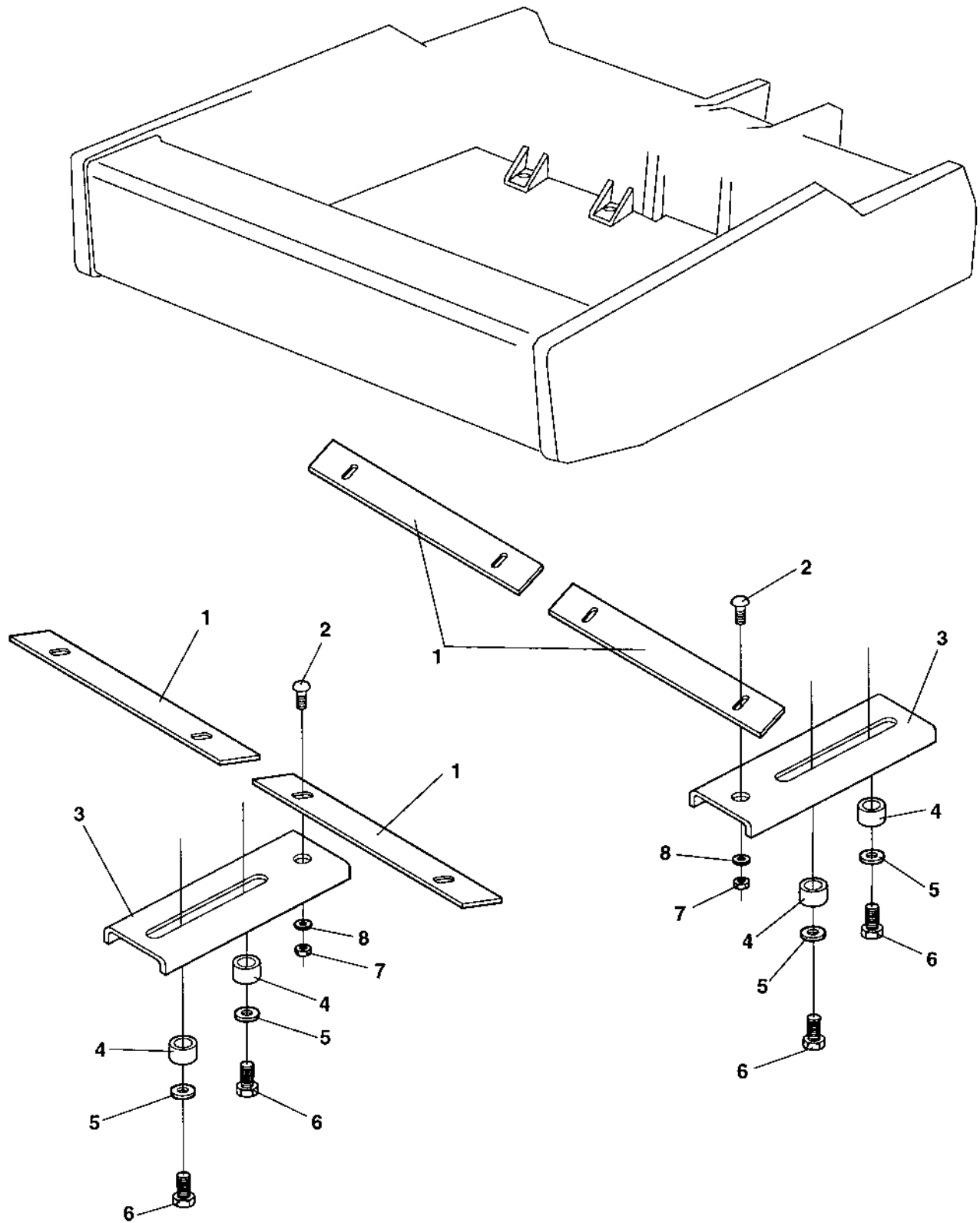
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	384052		2	Scraper bracket	B
2	358033		2	Scraper blade	
3	384051		2	Scraper bracket	
4	904231		28	Washer 13x24x2	
5	586019		18	Lock nut M12	
6	384114		16	Spacer	
7	904232		16	Washer 17x30x3	
8	500070		16	Screw M16x50	
9	383863		8	Scraper bracket	
10	500056		10	Screw M12x45 8,8	
11	500111		8	Screw M12x55 8,8	
12	904231		8	Washer 13x24x2	



Scrapers, Urethan Rubber Option

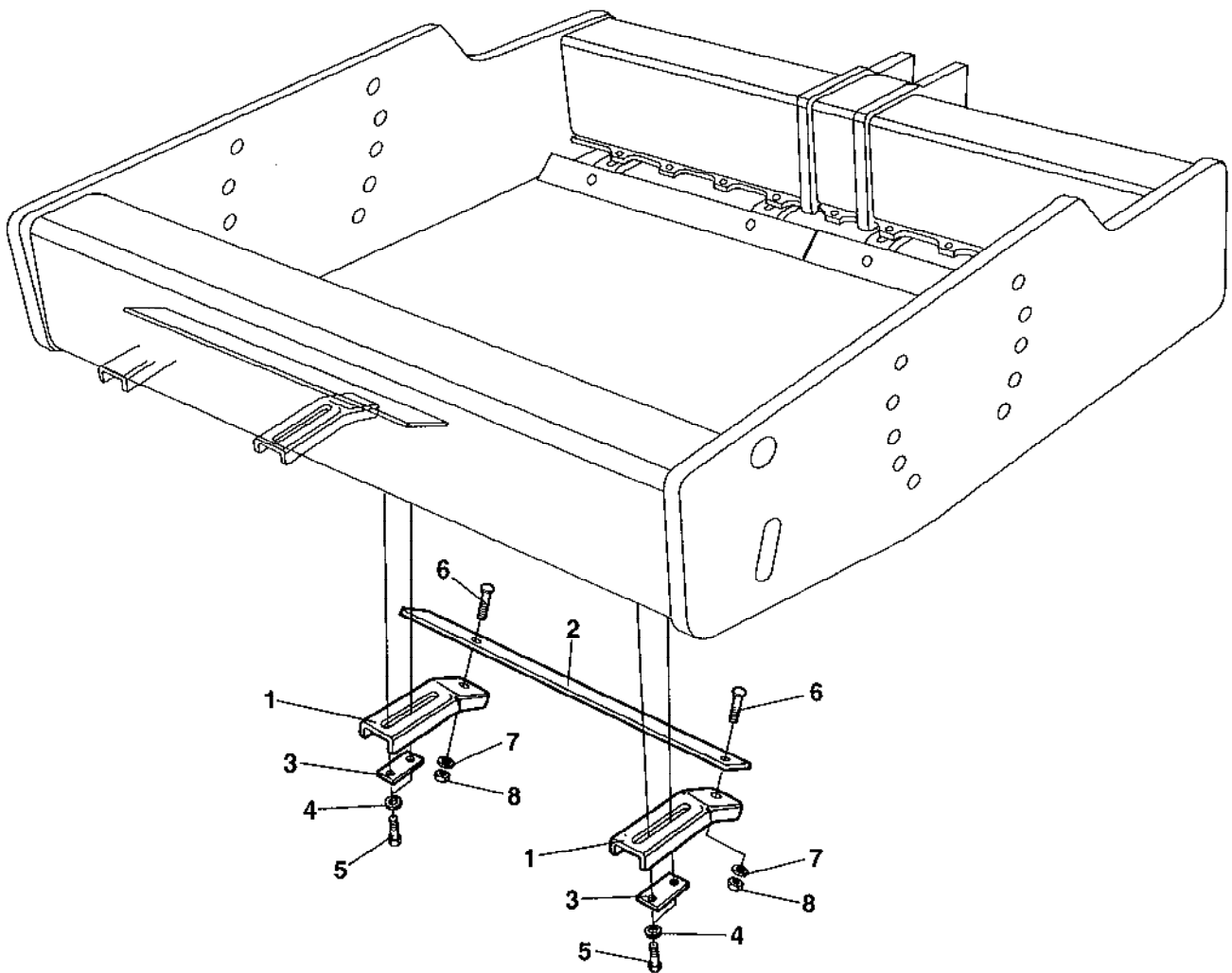
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	376819	A	8	Scraper bracket	B
2	376622	A	8	Holder	
3	904232		16	Washer 17x30x3	
4	500076		16	Screw M16x55	
8	586019		18	Lock nut M12	
20	376825	A	2	Scraper bracket	
21	358033	A	2	Scraper blade	
22	904213		8	Washer 13x30x4	
23	376826	A	2	Scraper bracket	
24	904231		28	Washer 13x24x2	
25	500056		10	Screw M12x45 8,8	8.8
26	500049		8	Screw M12-1,75x60	

A) Mounted on the front and rear of the drum.



Scrapers, Spring Steel Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	381603		4	Scraper blade	B
2	791227		8	Screw M12x40	
3	383863		8	Scraper bracket	
4	384114		16	Spacer	
5	904232		16	Washer 17x30x3	
6	500070		16	Screw M16x50	
7	586019		8	Lock nut M12	
8	904703		8	Washer 13x24x4	



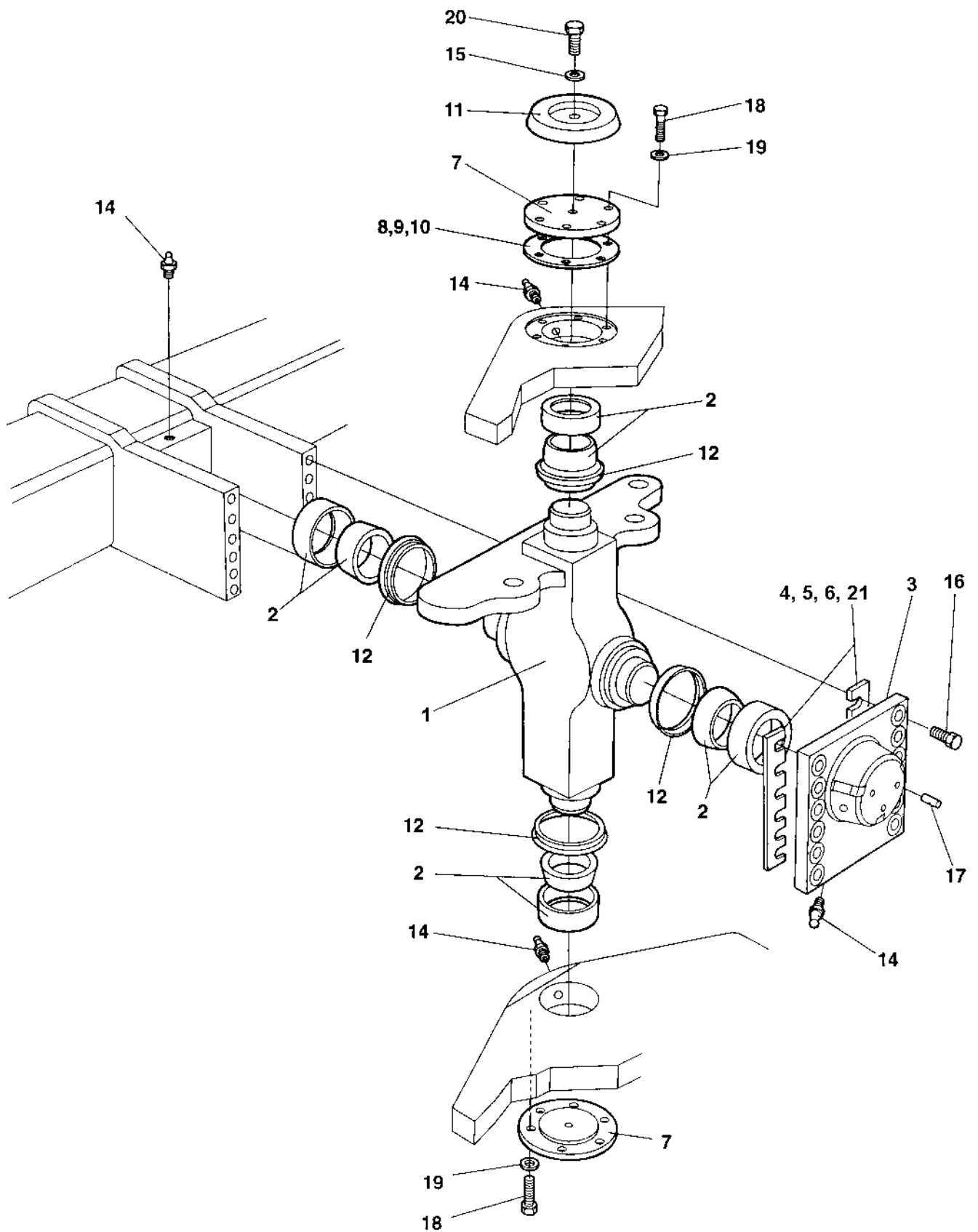
Scrapers, Spring Steel Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	376819		8	Scraper bracket	
2	376829		4	Scraper	
3	376622		8	Holder	
4	904232		16	Washer 17x30x3	
5	500076		16	Screw M16x55	
6	791948	A	8	Bolt M12x40H 8,8	
7	904703		8	Washer 13x24x4	
8	586019		8	Lock nut M12	

A) Cup square neck bolt.

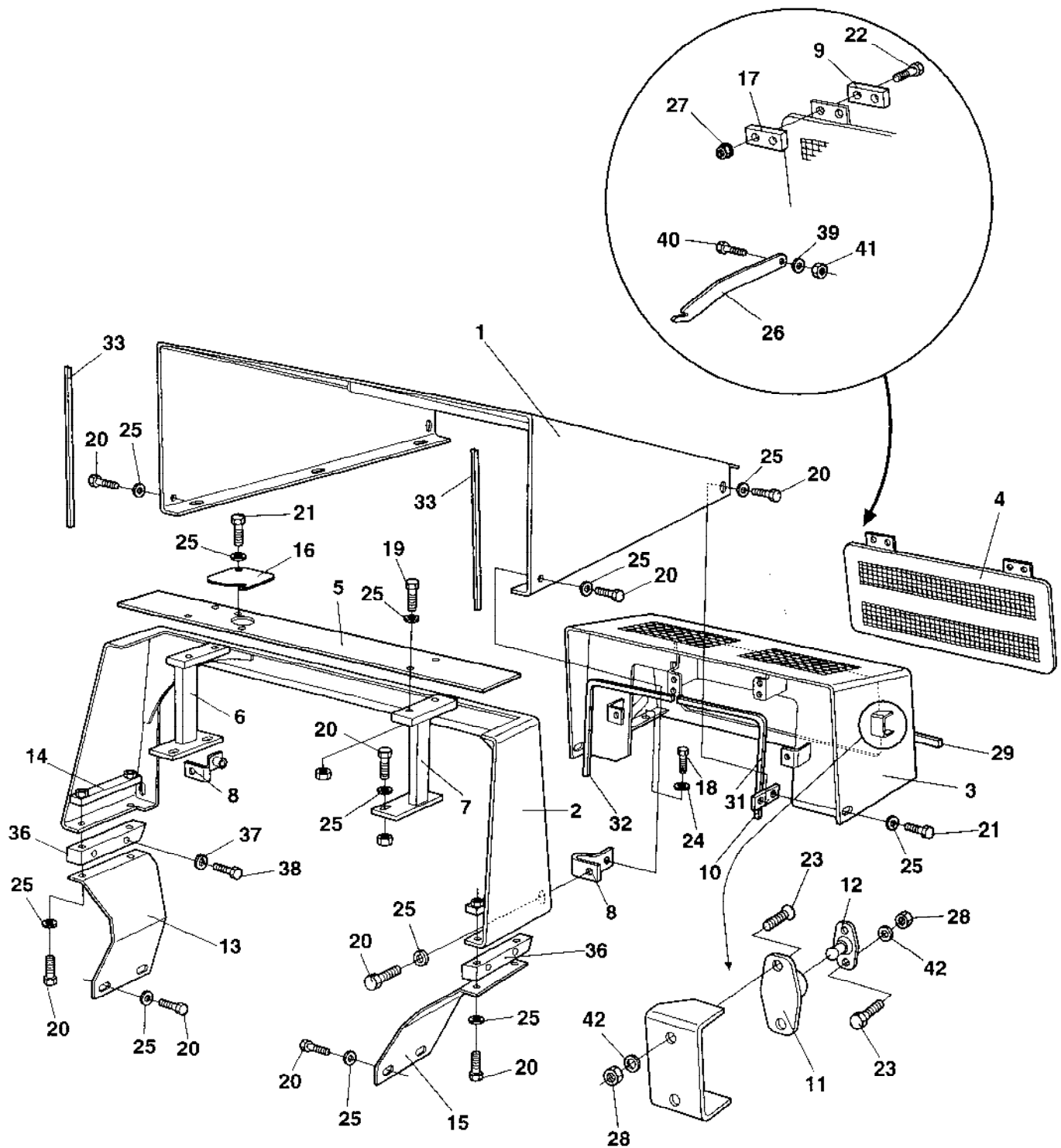
Hitch

16083



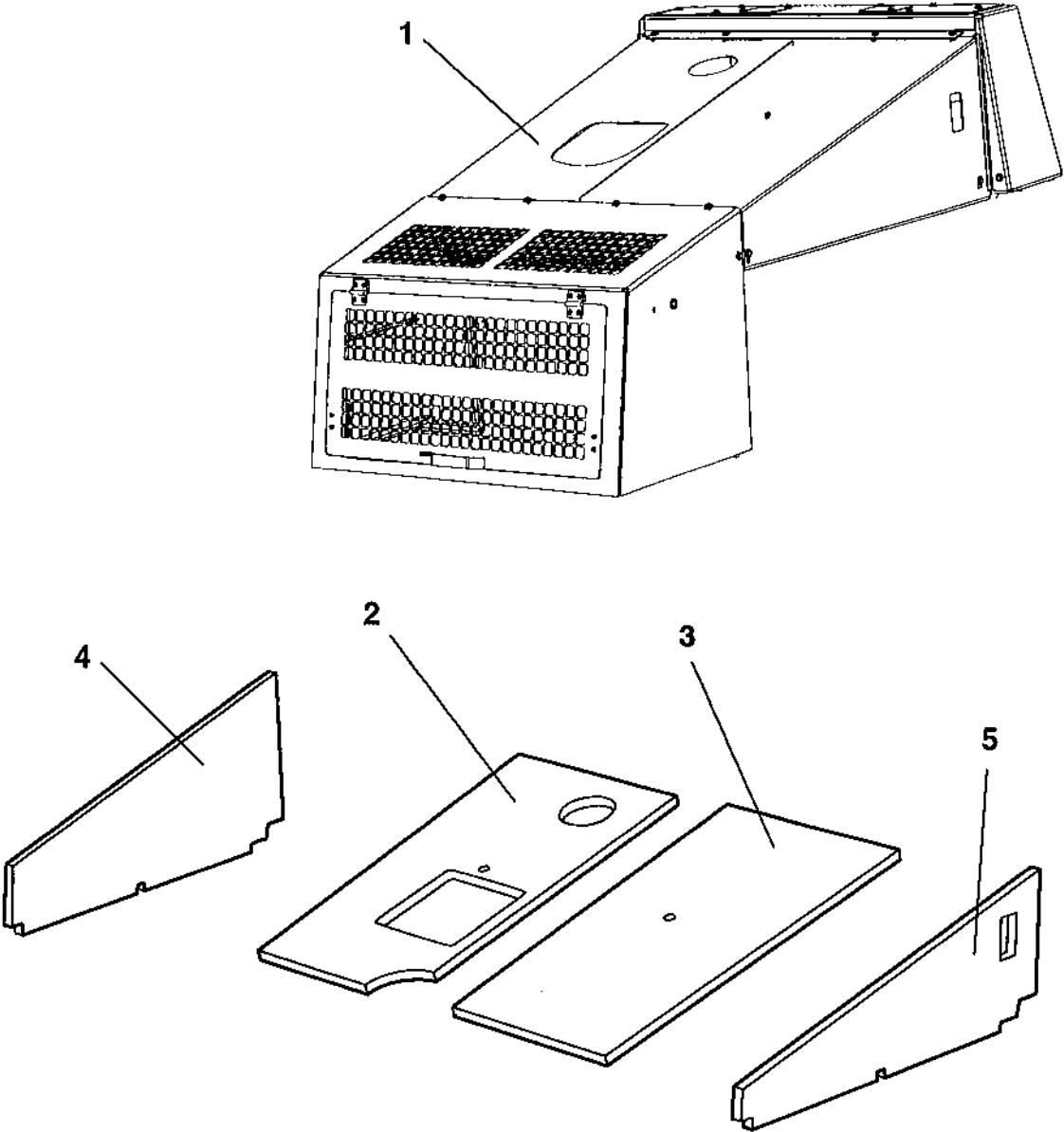
Hitch

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	374900		1	Hitch	
2	100040		4	Axial ball bearing	D
3	373421		1	Bearing cover	
4	345871	N		Shim T=1,0 mm	D
5	345872	N		Shim T=0,35 mm	D
6	345873	N		Shim T=0,10 mm	D
7	337042		2	Bearing cover	
8	337045	N		Shim T=1,0 mm	D
9	345874	N		Shim T=0,35 mm	D
10	345875	N		Shim T=0,10 mm	D
11	343159		1	Cover	
12	167032		4	Lip-type oil seal	D
14	926214		4	Grease fitting	D
15	904229		1	Washer 8,4x16x1,5	
16	500287		12	Screw	
17	910995		3	Stop screw	
18	500037		12	Screw M12-1,75x35 8,8	
19	904231		12	Washer 13x24x2	
20	500018		1	Screw M8-1,25x12 8,8	
21	380993	N		Shim T = 2,0 mm	D
	384498	N		Shim T = 0,15 mm	D



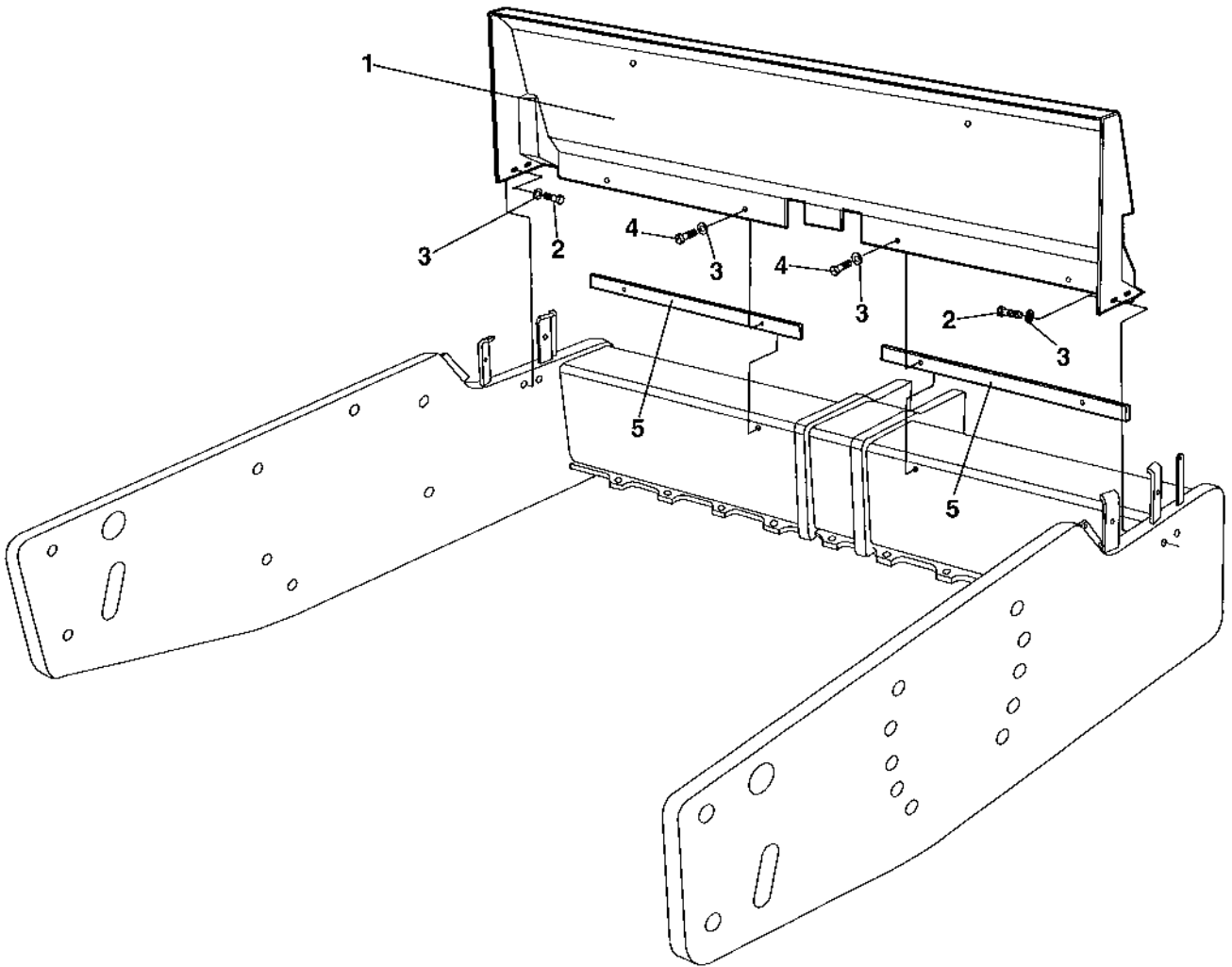
Structure

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	386500		1	Engine hood	
2	376340		1	Protecting cover	
3	386814		1	Hood	
	791475	G	2	.Grommet	
4	382406		1	Rear cover	
5	376354		1	Cover	
6	376348		1	Holder, right	
7	376349		1	Holder, left	
8	376366		2	Holder	
9	380755		2	Holder	
10	374198		2	Holder plate	
11	450066		2	Door bumper	D
12	450067		2	Door bumper	D
13	381348		1	Holder	
14	381330		2	Holder	
15	381347		1	Holder	
16	381297		1	Cover	
17	380012		2	Holder	
18	500031		4	Screw M10-1,5x40 8,8	
19	500047		4	Screw M8-1,25x35 8,8	
20	500022		19	Screw M8-1,25x30 8,8	
21	500053		8	Screw M8-1,25x20 8,8	
22	924875		4	Screw M6x35	
23	904504		8	Screw M5 x 18	
24	904557		4	Washer 10,5x22x4	
25	904640		31	Washer 8,4x22x3	
26	382411		1	Hook	
27	902285		4	Lock nut M6	
28	586011		8	Lock nut 3/8 UNF	
29	902379	A	1XL	Edge trim	
30	902379	B	1XL	Edge trim	
31	902166	C	1XL	Edge trim	
32	902166	D	1XL	Edge trim	
33	902166	E	2XL	Edge trim	
34	902166	F	1XL	Edge trim	
36	381989		2	Holder	
37	904231		4	Washer 13x24x2	
38	500133		4	Screw M12x70	
39	904228		2	Washer 6,4x12x1,5	
40	500040		1	Screw M6-1x20 8,8	
41	586002		1	Lock nut M6	
42	904281		8	Washer 5,3x10x1	
A)	L=0,330M				
B)	L=0,550M				
C)	L=1,200M				
D)	L=0,750M				
E)	L=0,460M				
F)	L=0,460M				
G)	With membrane				



Noise suppression

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Hood	
2	390479		1	Noise suppression	
3	390478		1	Noise suppression	
4	390481		1	Noise suppression	
5	390480		1	Noise suppression	
6			1	Missing description	



Drum shroud Option

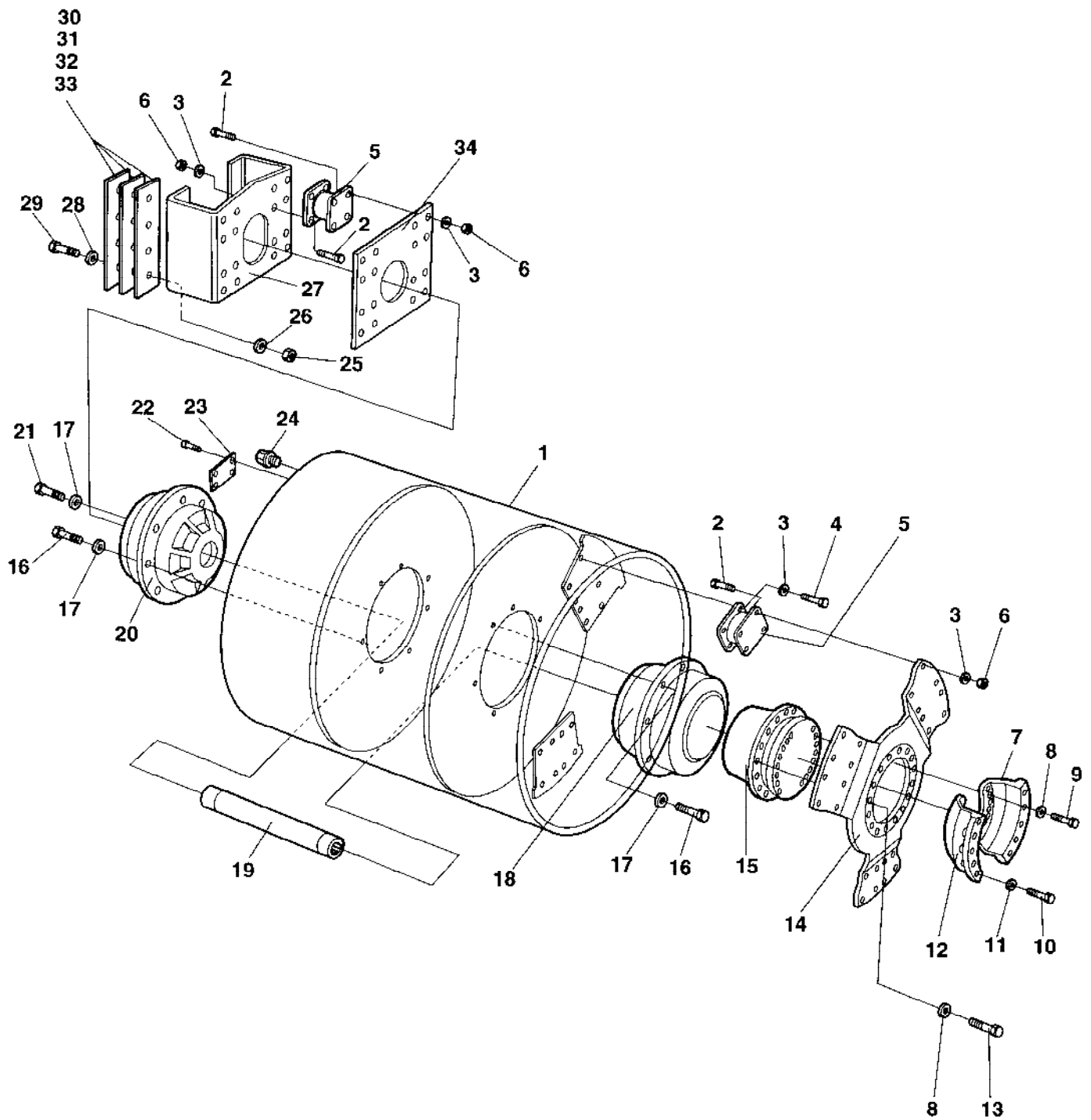
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	376945		1	Drum shroud	
2	500029		4	Screw M10-1,5x30 8,8	
3	904567		8	Washer 10,5x28x6	
4	500240		4	Screw M10x40H 8,8	
5	376944		2	Spacer	

Drum

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Drum (Page 46)	
20				Drum cartridge Drive side (Page 48)	
30				Drum cartridge Vibration side (Page 50)	

Drum

16959



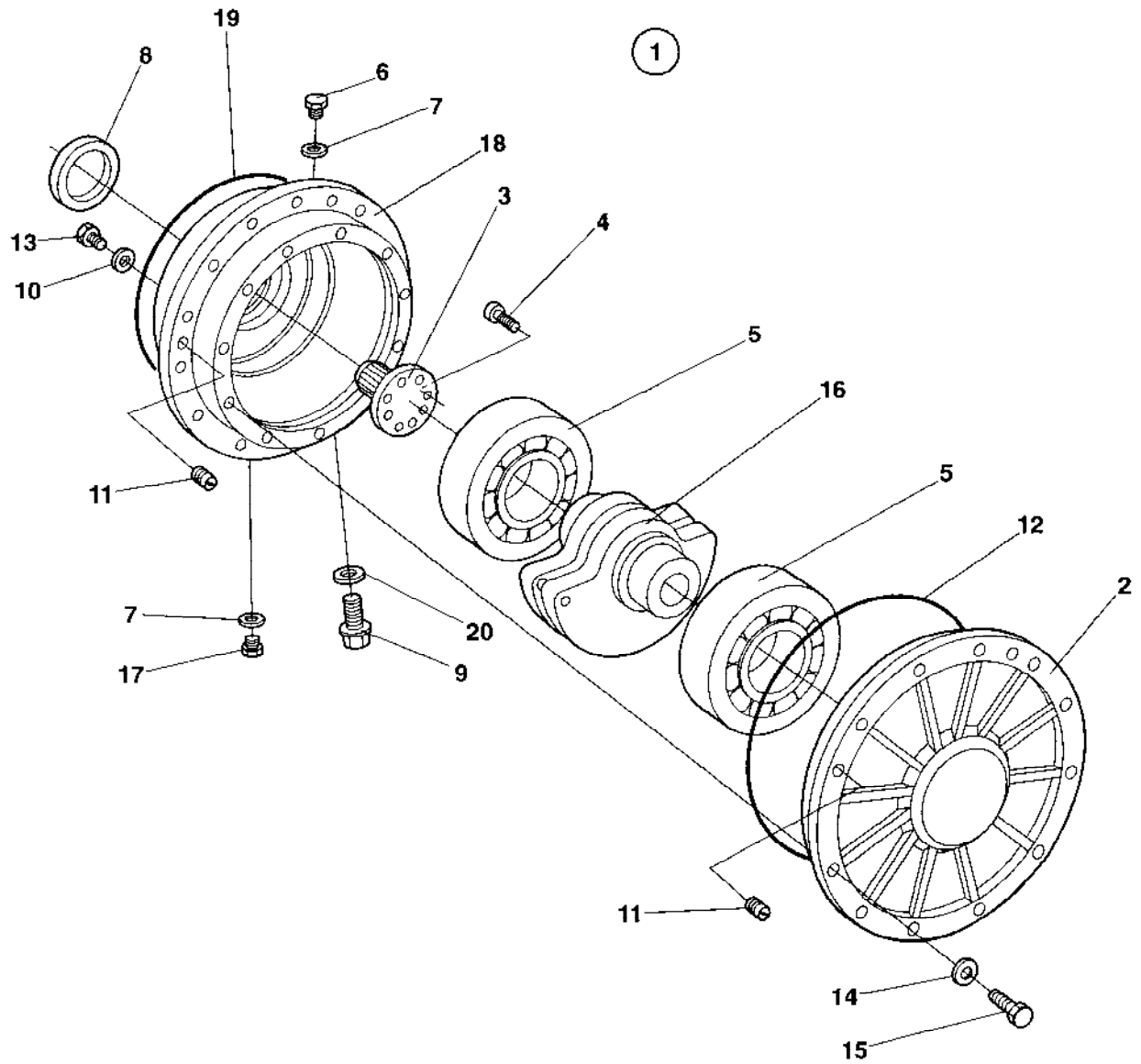
Drum

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	372529		1	Drum	
2	500194		56	Screw M12x40H 8.8	
3	600009		80	Washer 13x24x2,5	
4	500051		24	Screw M12-1,75x25 8,8	
5	801187		12	Shock absorber	B
6	586019		56	Lock nut M12	
7	373442	A	1	Gear holder	
8	903838		32	Washer	
9	903919		16	Screw	
10	500146		10	Screw M24-3,0x110 8,8	
11	904234		10	Washer 25x45x4	
12	373443	B	1	Gear holder	
13	903281		16	Screw	
14	372236		1	Drive disc	
15	380462		1	Drum gear	
16	500082		23	Screw M16x70	
17	384114		24	Spacer	
18			1	Drum cartridge Drive side (Page 48)	
19	349682		1	Drive shaft	
20			1	Drum cartridge Vibration side (Page 50)	
21	384121		1	Air breather screw	B
22	527002		4	Drive screw	
23	343801		1	Sign plate	
24	232210		1	Plug	
25	925867		6	Nut M20	
26	904233		6	Washer 21x36x3	
27	355677		1	Bracket	
28	904233		6	Washer 21x36x3	
29	928850		6	Screw M20-2,5x120 10,9	
30	345678		N	Shim T = 1,5 mm	
31	345679		N	Shim T = 3 mm	
32	345884		N	Shim T = 6 mm	
33	345885		N	Shim T = 8 mm	
34	343322		1	Holder plate	

A) Right
B) Left

Drum cartridge Drive side

16963

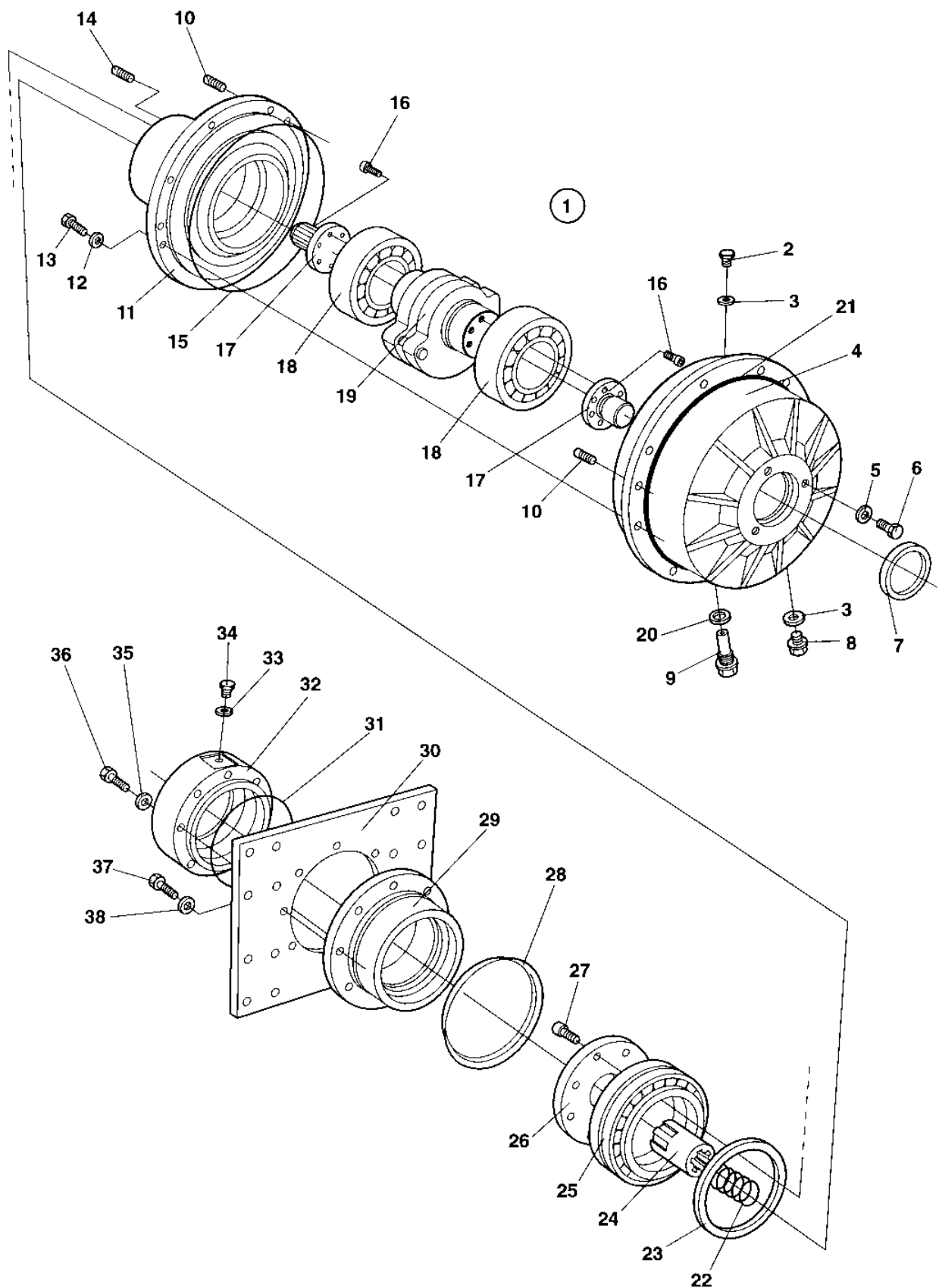


Drum cartridge Drive side

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	937630		1	Drum cartridge	
2	356028		1	.Bearing housing outer	
3	380018		1	.Splined shaft	
4	791156		8	.Screw	
5	900784		2	.Cylinder roller bearing	
6	343744		1	.Magnetic plug M30	D
7	162017		2	.Seal ring M30	D
8	900782		1	.Seal ring	D
9	381634		1	.Plug	
10	162027		3	.Sealing M12	D
11	900775		6	.Plug	
12	900776		1	.O-ring	D
13	500163		3	.Screw M12x16	
14	904232		12	.Washer 17x30x3	
15	500082		12	.Screw M16x70	
16	381761		1	.Eccentric shaft	
17	232210		1	.Plug	
18	384382		1	.Bearing housing inner	
19	904737		1	.O-ring	
20	162011		1	.Washer, sealing	D

Drum cartridge Vibration side

16961

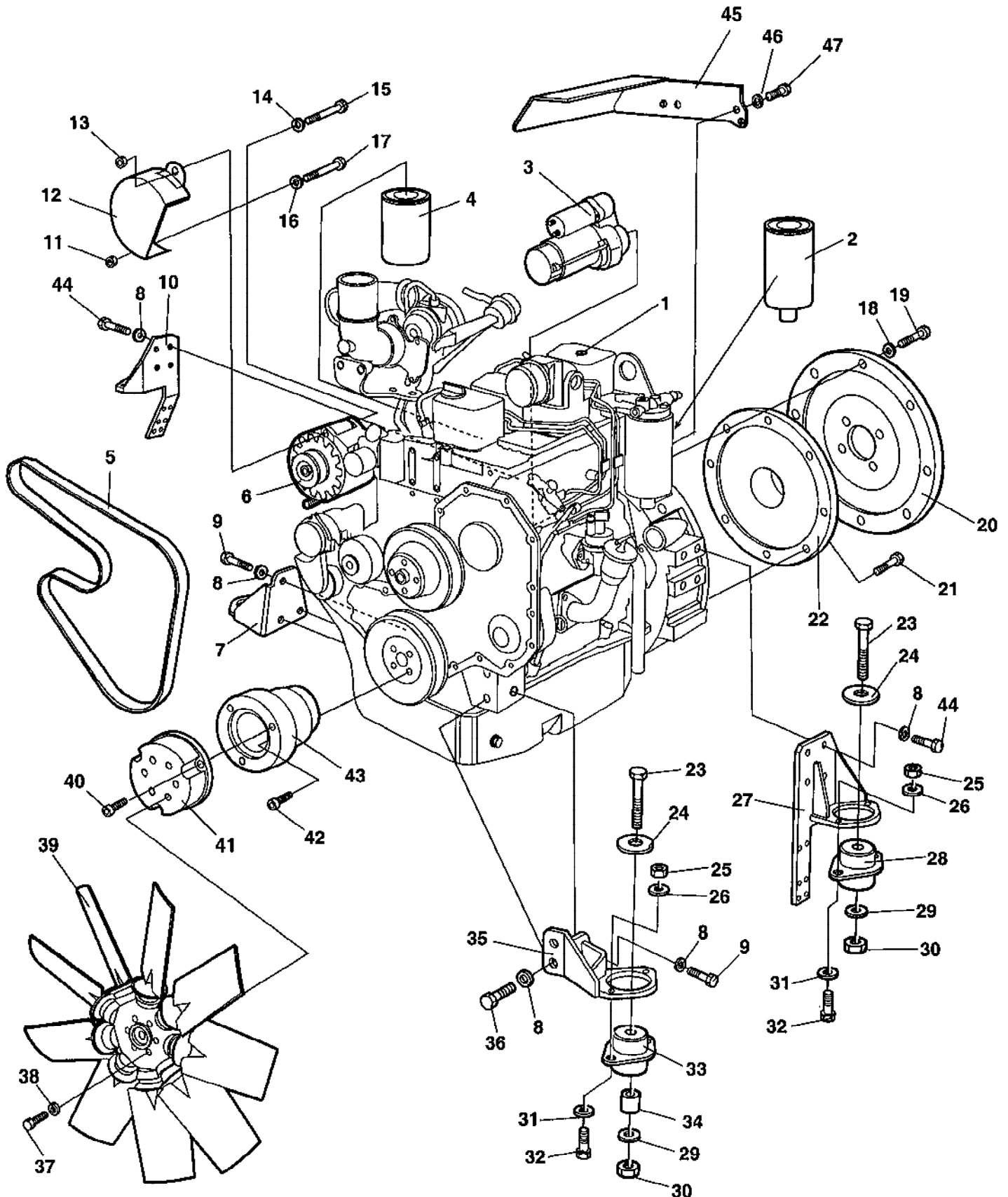


Drum cartridge Vibration side

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	937631		1	Drum cartridge	
2	343744		1	.Magnetic plug M30	D
3	162017		2	.Seal ring M30	D
4	384382		1	.Bearing housing inner	
5	162027		3	.Sealing M12	D
6	500163		3	.Screw M12x16	
7	900782		1	.Seal ring	D
8	232210		1	.Plug	
9	381634		1	.Plug	
10	900775		6	.Plug	
11	356029		1	.Bearing housing outer	
12	904232		12	.Washer 17x30x3	
13	500082		12	.Screw M16x70	
14	901828		6	.Set screw	
15	900776		1	.O-ring	D
16	791156		16	.Screw	
17	380018		2	.Splined shaft	
18	900784		2	.Cylinder roller bearing	
19	381761		1	.Eccentric shaft	
20	162011		1	.Washer, sealing	D
21	904737		1	O-ring	
22	349715		1	Spring	
23	167023		1	Seal ring	D
24	381027		1	Splined sleeve	
25	116041		1	Taper roller bearing	D
26	381028		1	Bearing cover	
27	791933		8	Screw M8x40	
28	929447		1	V-ring	D
29	343318		1	Bearing housing	D
30	343480		1	Holder plate	
31	160105		1	O-ring	D
32	380967		1	Motor adapter	
33	162018		1	Sealing	D
34	370231		1	Plug	
35	904231		4	Washer 13x24x2	
36	500196		4	Screw M12-1,75x80 8.8	
37	500082		8	Screw M16x70	
38	384114		8	Spacer	

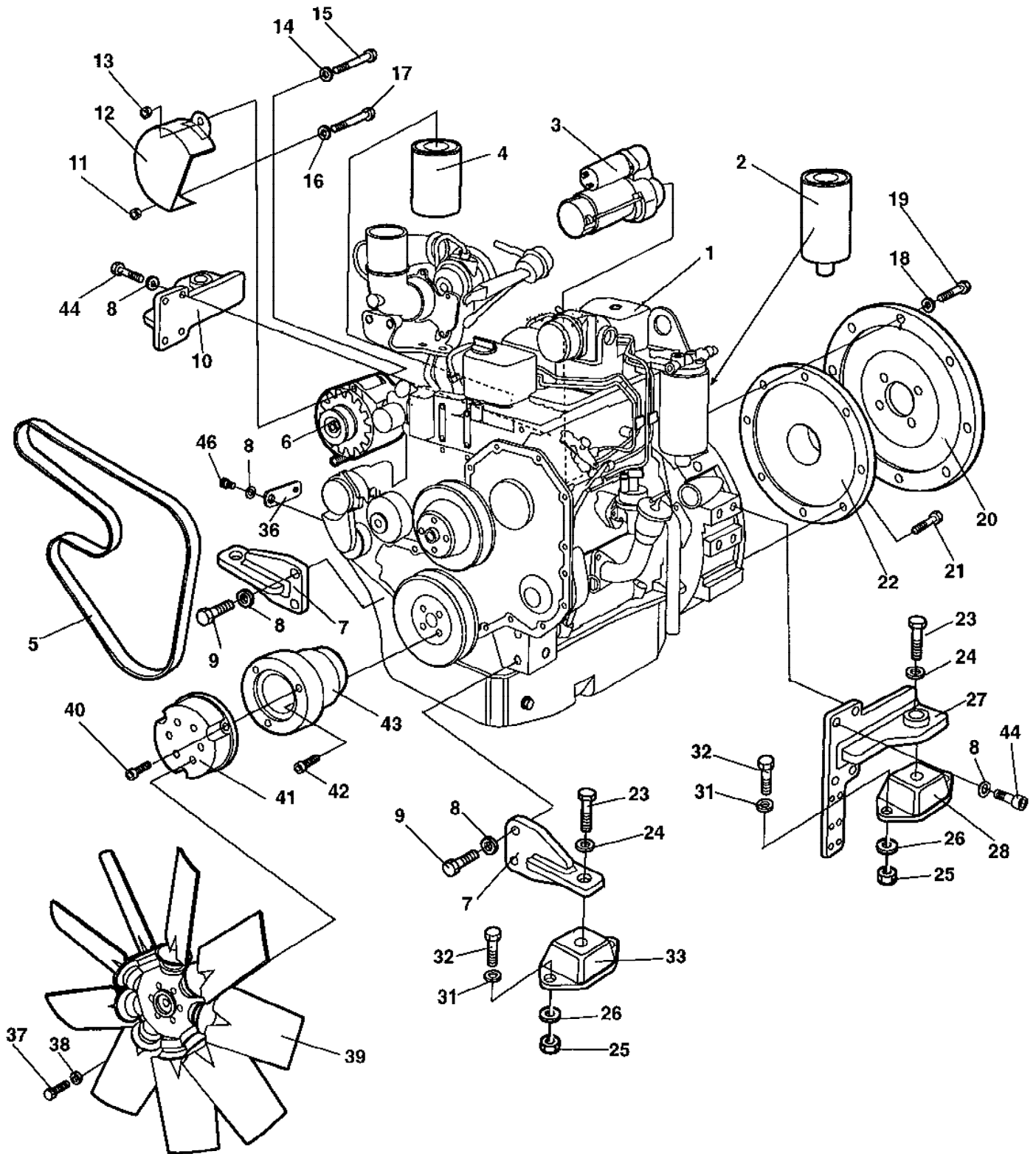
Engine

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Engine Up to 68X2XXXX (Page 54)	
12				Engine From 68X2XXXX (Page 56)	
20				Cooling system (Page 58)	
30				Combustion air system (Page 60)	
40				Air cooler (Page 62)	
50				Fuel system (Page 64)	
70				Exhaust system (Page 66)	



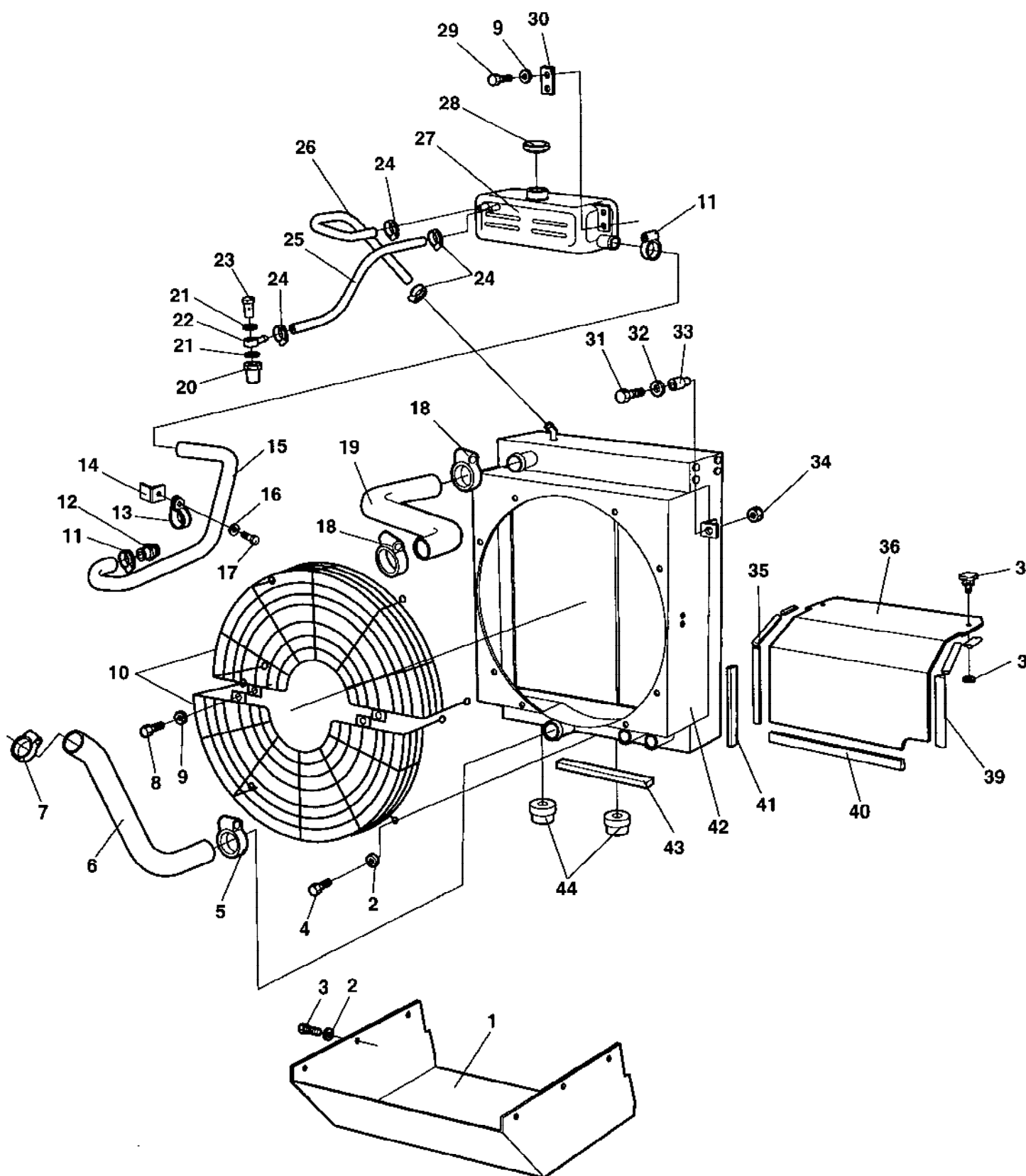
Engine

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	386616		1	Engine 4BTAA 3.9	
2	939372		1	.Fuel filter element	A
3	939504		1	.Starter	C
4	939480		1	.Oil filter element	A
5	939373		1	.Belt	B
6	935950		1	.Alternator	C
7	387263		1	Engine bracket	
8	904638		14	Washer 12x22x2	
9	500037		4	Screw M12-1,75x35 8,8	
10	371482		1	Engine bracket	
11	586003		1	Lock nut M8	
12	386688		1	Protection cover	
13	586018		1	Lock nut M10	
14	904230		1	Washer 10,5x22x2	
15	904379		1	Screw M10x110H 8,8	
16	904640		1	Washer 8,4x22x3	
17	500239		1	Screw M8-1.25x50	
18	904637		12	Washer 10x18x2	
19	508029		12	Screw M10-1,5x30H 8,8	
20	372772		1	Bracket	
21	509025		8	Screw 3/8-16UNCx32 8,8	
22	370229		1	Coupling	
23	500228		4	Screw M20-2,5x120 8,8	
24	347512		4	Washer	
25	586019		8	Lock nut M12	
26	904638		8	Washer 12x22x2	
27	371481		1	Engine bracket	
28	372983		2	Shock absorber	D
29	904223		4	Decal	
30	901145		4	Lock nut M20-10	
31	904638		8	Washer 12x22x2	
32	500037		8	Screw M12-1,75x35 8,8	
33	372984		2	Shock absorber	D
34	370258		2	Spacer washer	
35	387604		1	Engine bracket	
36	500056		2	Screw M12x45 8,8	
37	500047		6	Screw M8-1,25x35 8,8	
38	904229		6	Washer 8,4x16x1,5	
39	386006		1	Fan	
40	792081		3	Socket head cap screw M12x50 10,9	
41	382393		1	Fan hub	
42	904204		4	Screw	
43	382392		1	Connector	
44	508079		8	Screw M12-1,75x35H 8,8	
45	387909		1	Heat protection	
46	904231		2	Washer 13x24x2	
47	500035		2	Screw M12x020H	



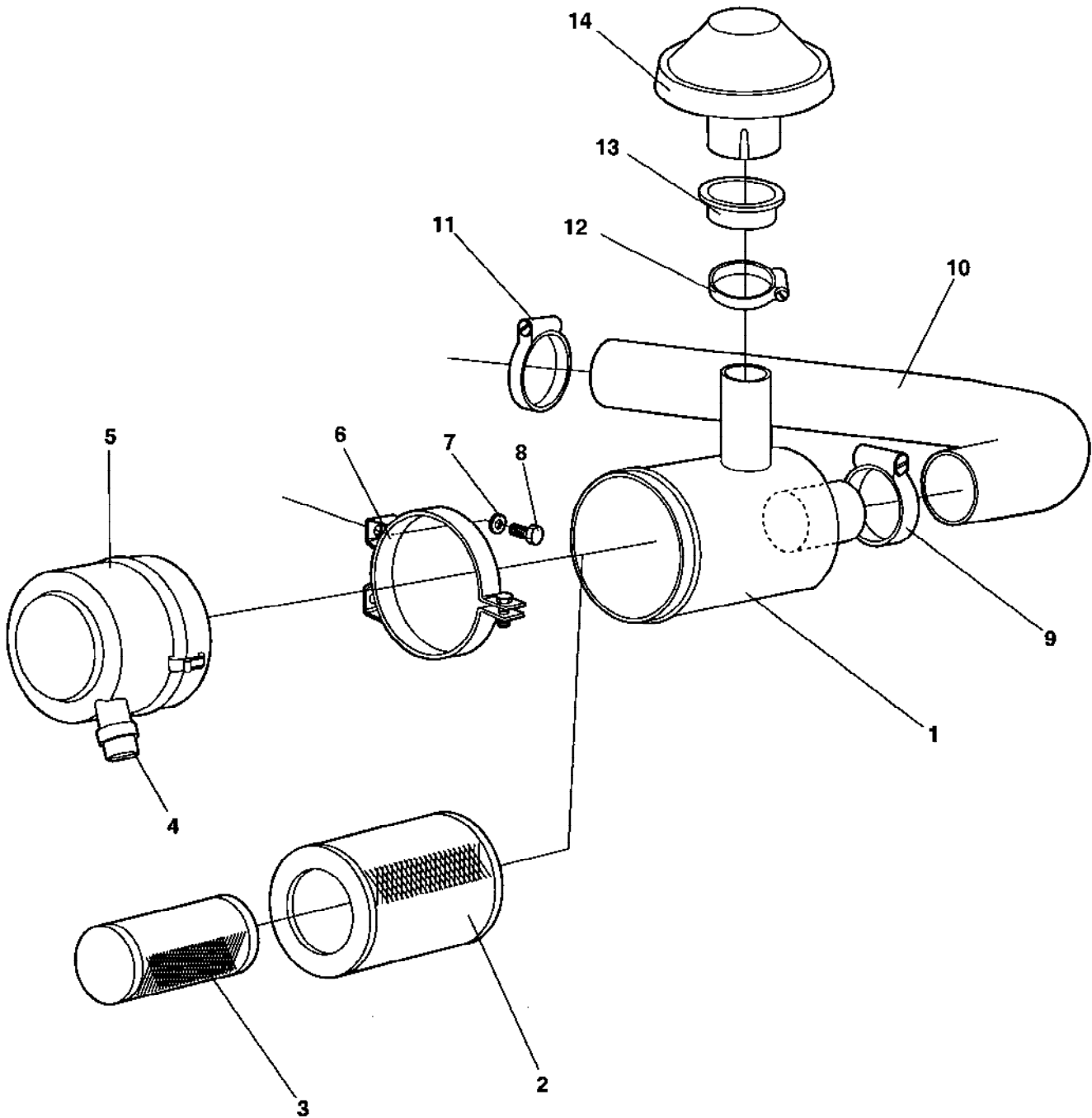
Engine

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	386616		1	Engine 4BTAA 3.9	
2	939372		1	.Fuel filter element	A
3	939504		1	.Starter	C
4	939480		1	.Oil filter element	A
5	939373		1	.Belt	B
6	935950		1	.Alternator	C
7	378211		2	Engine bracket	
8	904638		13	Washer 12x22x2	
9	500194		4	Screw M12x40H 8.8	
10	378210		1	Engine bracket	
11	586003		1	Lock nut M8	
12	386688		1	Protection cover	
13	586018		1	Lock nut M10	
14	904230		1	Washer 10,5x22x2	
15	904379		1	Screw M10x110H 8,8	
16	904640		1	Washer 8,4x22x3	
17	500239		1	Screw M8-1.25x50	
18	904637		12	Washer 10x18x2	
19	508029		12	Screw M10-1,5x30H 8,8	
20	372772		1	Bracket	
21	509025		8	Screw 3/8-16UNCx32 8,8	
22	370229		1	Coupling	
23	500070		4	Screw M16x50	
24	904232		4	Washer 17x30x3	
25	586019		8	Lock nut M12	
26	904703		8	Washer 13x24x4	
27	378213		1	Engine bracket	
28	387128		2	Shock absorber	
31	904703		8	Washer 13x24x4	
32	500194		8	Screw M12x40H 8.8	
33	387129		2	Shock absorber Rear	
35	378210		1	Engine bracket	
36	378214		2	Cable holder	
37	500047		6	Screw M8-1,25x35 8,8	
38	904229		6	Washer 8,4x16x1,5	
39	386006		1	Fan	
40	792081		3	Socket head cap screw M12x50 10,9	
41	382393		1	Fan hub	
42	904204		4	Screw	
43	382392		1	Connector	
44	508079		8	Screw M12-1,75x35H 8,8	
46	500036		1	Screw	



Cooling system

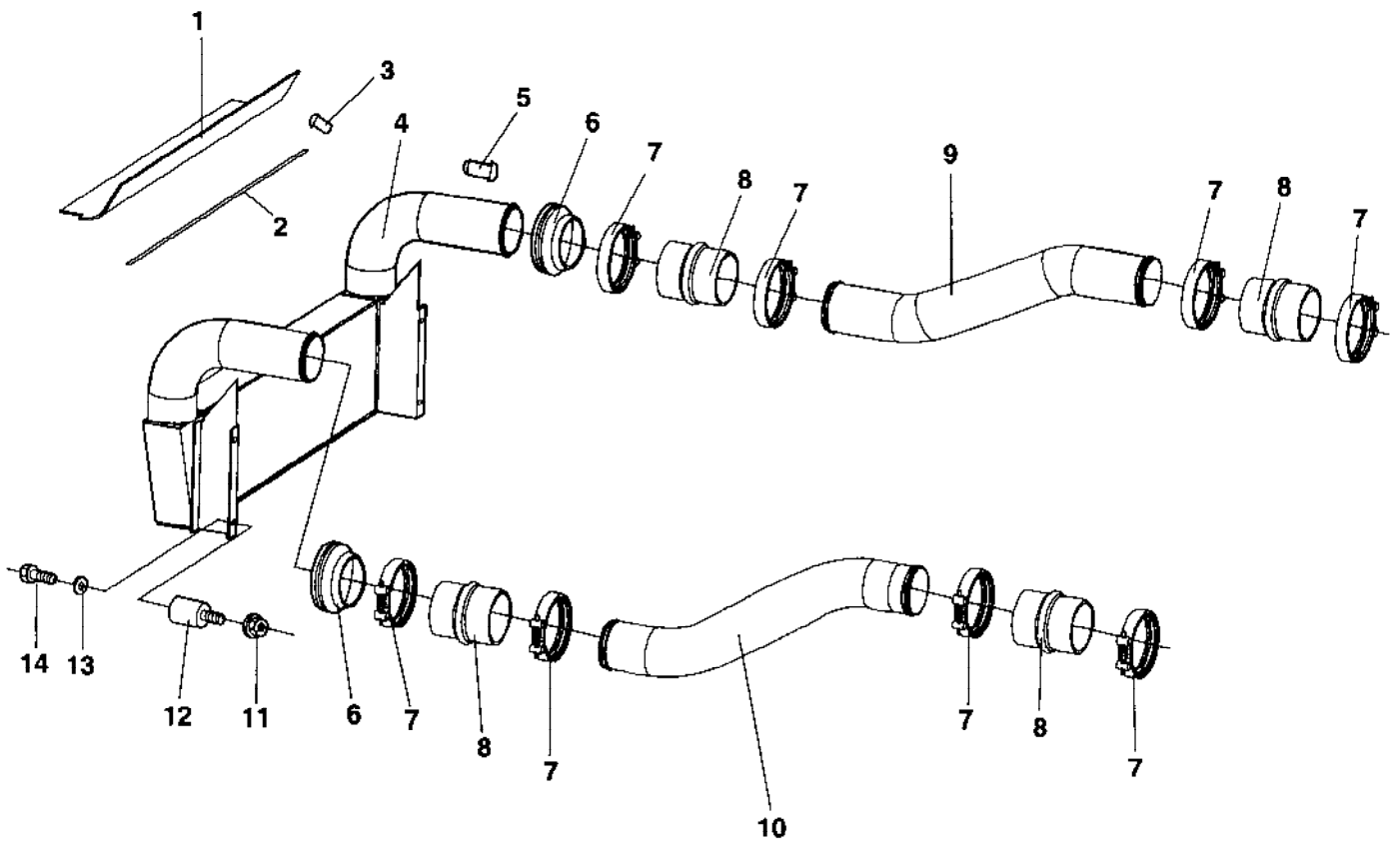
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	373144		1	Air leading plate	
2	904640		14	Washer 8,4x22x3	
3	500053		6	Screw M8-1,25x20 8,8	
4	500019		8	Screw M8-1,25x16 8.8	
5	313010		1	Hose clamp	
6	386884		1	Coolant hose	
7	313023		1	Hose clamp	
8	500018		2	Screw M8-1,25x12 8,8	
9	904229		6	Washer 8,4x16x1,5	
10	387085		2	Fan guard	
11	313006		2	Hose clamp	
12	386222		1	Hose connection	
13	921099		1	Clamp	
14	908136		1	Bracket	
15	386885		1	Coolant hose	
16	904229		1	Washer 8,4x16x1,5	
17	500018		1	Screw M8-1,25x12 8,8	
18	313010		2	Hose clamp	
19	386883		1	Coolant hose	
20	372544		1	Connector	
21	330328		2	Copper washer 10x14x1	
22	903916		1	Banjo coupling	
23	903915		1	Hollow screw	
24	313075		4	Hose clamp	
25	373775		1	Rubber hose	
26	380372		1	Rubber hose	
27	387130		1	Expansion tank	
28	903714		1	Cap	D
29	500021		4	Screw M8-1,25x25 8,8	
30	381413		2	Washer	
31	500012		2	Screw M6x12	
32	904639		2	Washer 6,7x14x1,5	
33	371774		2	Shock absorber	
34	902285		2	Lock nut M6	
35	902166	C	1	Edge trim	
36	386815		1	Air inlet	
37	904486		2	Quick lock	
38	926985		2	Quick lock washer	
39	902166	D	1	Edge trim	
40	902166	E	1	Edge trim	
41	202041	F	1	Rubber strip	
42	387110		1	Radiator Up to ECN04021	
	377370		1	Radiator From ECN04021	
43	288129	G	1	Edge trim	
44	904551		2	Shock absorber	
C)	L=0,4M				
D)	L=0,330 M				
E)	L=0,520 M				
F)	L=0,6 M				
G)	L=0,570 M				



Combustion air system

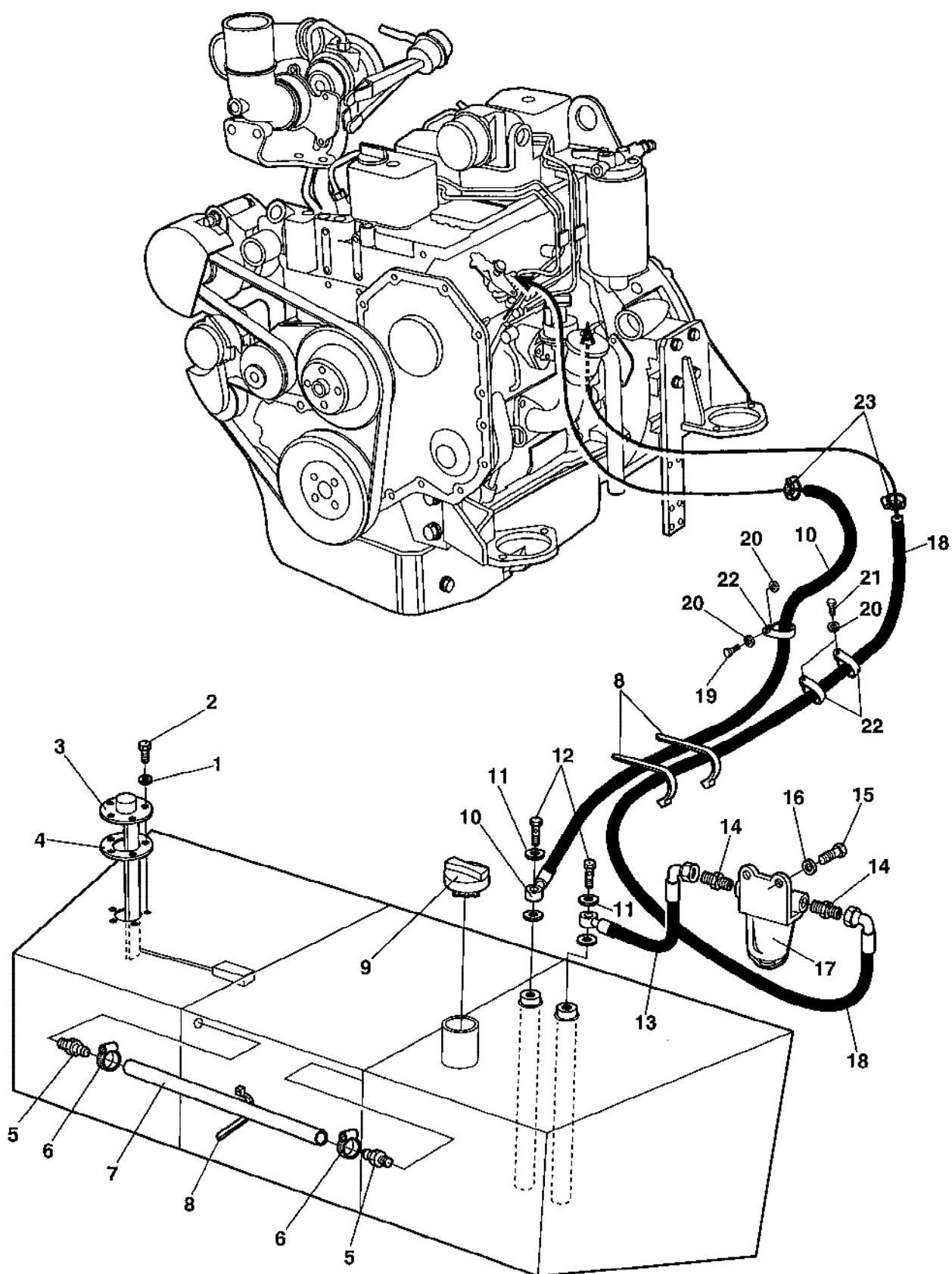
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380161		1	Air cleaner	
2	908450	A	1	.Air filter	A
3	908451	B	1	.Air filter	A
4	908399		1	.Vacuator valve	D
5	908452		1	.Cover	
6	813791		2	Mounting band	
7	904229		4	Washer 8,4x16x1,5	
8	500019		4	Screw M8-1,25x16 8.8	
9	904060		1	Hose clamp	
10	380157		1	Air inlet hose	
11	904059		1	Hose clamp	
12	904060		1	Hose clamp	
13	348309		1	Rubber bushing	
14	499266		1	Protection cover	

- A) Main
B) Safety



Air cooler

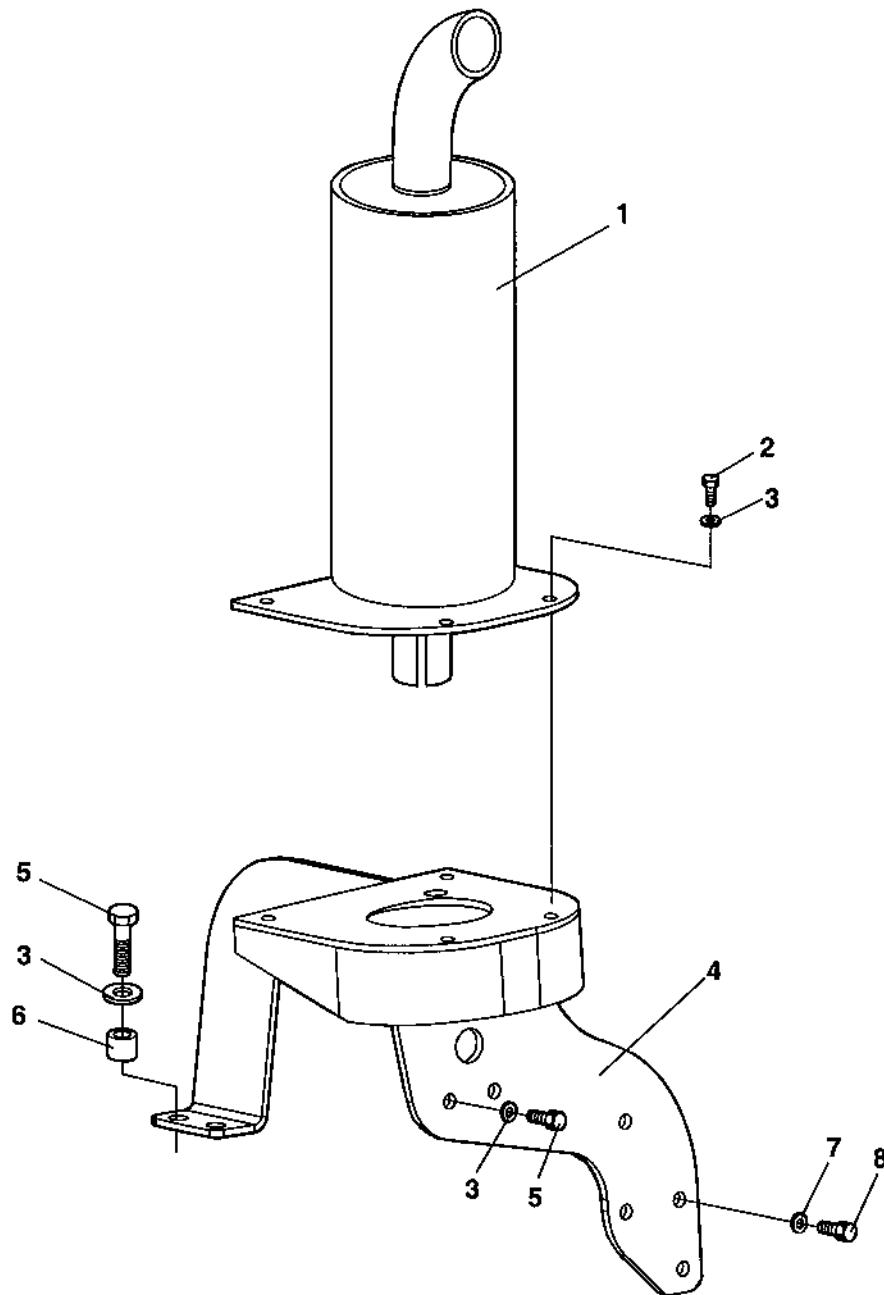
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	385761		1	Rubber cloth	
2	387564		1	Holder	
3	903436		5	Blind rivet	
4	386780		1	Air cooler	
5	902804		4	Plug	
6	387049		2	Grommet	
7	385404		8	Hose clamp	
8	385691		4	Air intake hose	
9	386840		1	Charge air tube	
10	386781		1	Charge air tube	
11	902285		4	Lock nut M6	
12	371774		4	Shock absorber	
13	904639		4	Washer 6,7x14x1,5	
14	500012		4	Screw M6x12	



Fuel system

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	904281		5	Washer 5,3x10x1	
2	500006		5	Screw M5x16	
3	904695		1	Fuel level sender	D
4	813315		1	Gasket	D
5	373574		2	Hose connection	
6	313002		2	Hose clamp	
7	244054	A	1	Hose reinforced 0,66M	
8	313041		N	Cable ties L=186 mm	
9	373460		1	Fuel cap	D
10	389166		1	Fuel hose	
11	747282		4	Copper washer 14x20x1,5	
12	330171		2	Hollow screw	
13	386882		1	Fuel hose	
14	900249		2	Straight connector	
15	500019		2	Screw M8-1,25x16 8.8	
16	904229		2	Washer 8,4x16x1,5	
17	900247		1	Fuel pre-filter	A
18	386976		1	Fuel hose	
19	500022		1	Screw M8-1,25x30 8,8	
20	603018		4	Washer 10x18x4	
21	500021		2	Screw M8-1,25x25 8,8	
22	902558		3	Clamp	
23	313001		2	Hose clamp	

A) L=650 mm

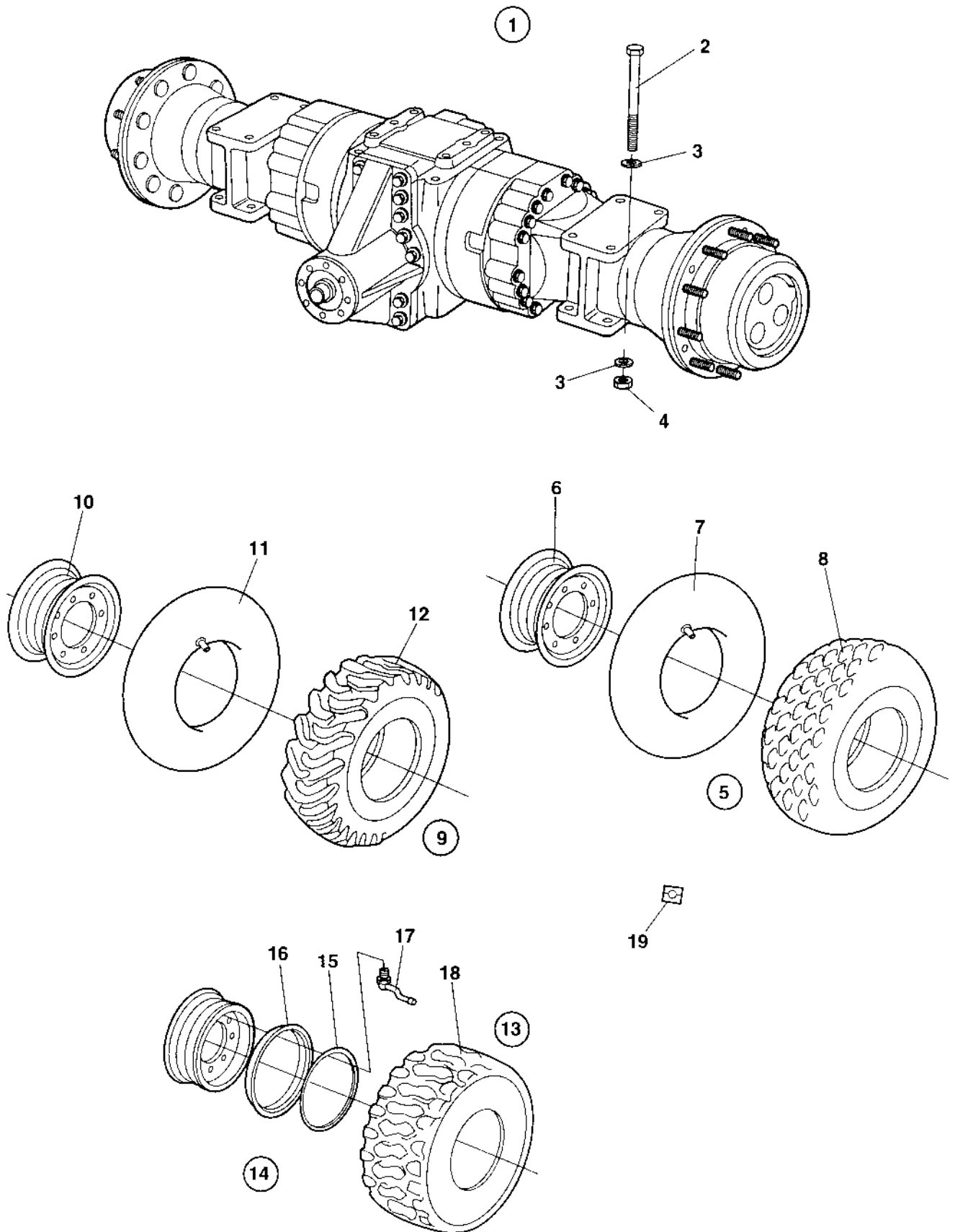


Exhaust system

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	388751		1	Muffler	
2	500030		4	Screw M10-1,5x35H 8,8	
3	904557		8	Washer 10,5x22x4	
4	388750		1	Bracket	
5	500091		4	Screw M10-1,5x50 8,8	
6	382093		2	Spacer sleeve	
7	904640		3	Washer 8,4x22x3	
8	500021		3	Screw M8-1,25x25 8,8	

Transmission

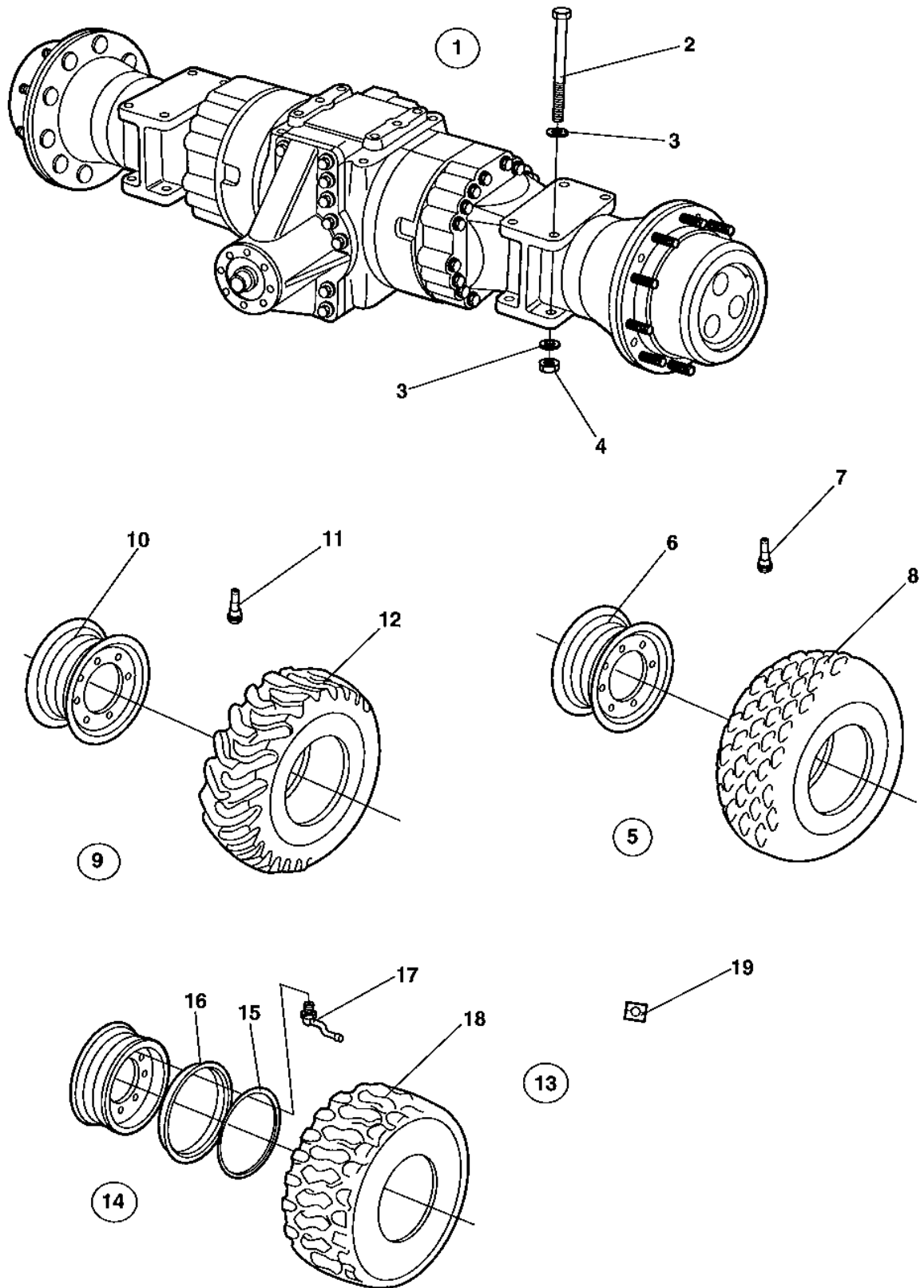
Ref. No.	Part No.	Rem.	Qty	Description	Code
15				Rear axle and wheels Up to 68X20707 (Page 70)	
16				Rear axle and wheels From 68X20708 (Page 72)	
21				Rear axle (Page 74)	
31				Differential with limited slip (Page 76)	
41				Differential housing and brakes (Page 78)	
51				Planet gear (Page 80)	
70	383856			Rear axle No-Spin, Option (Page 82)	



Rear axle and wheels

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Rear axle (Page 74)	
2	929217		8	Screw	
3	904233		16	Washer 21x36x3	
4	901145		8	Lock nut M20-10	
5	383977	A	2	Wheel, cpl	
6	383933		1	.Rim	
7	813380		1	.Inner tube	D
8	813379		1	.Tyre	D
9	383979	E	1	Tractor wheel, cpl	
9-1	383978	D	1	Tractor wheel, cpl	
10	383956		1	.Rim	
11	373176		1	.Tube	D
12	373131		1	.Tyre	D
13	383975	B	2	Wheel, tubeless, cpl	
14	383955		1	.Rim cpl	
15	901443		1	..Snap ring	
16	901444		1	..Side ring	
17	791175		1	.Air charging valve	
	791176		1	.Valve foot	
18	901218		1	.Tyre	D
19	355983	H	2	Decal "TYRE PRESSURE"	
	903985	I	2	Decal "SAFETY", "TYRE IN BALLAST"	

- A) Liquidfilled
- B) Liquidfilled, Option
- D) Liquidfilled, lRight, option
- E) Liquidfilled, Left, option
- H) Used with item 383974. 383975
- I) Used with item 383977, 383978, 383979



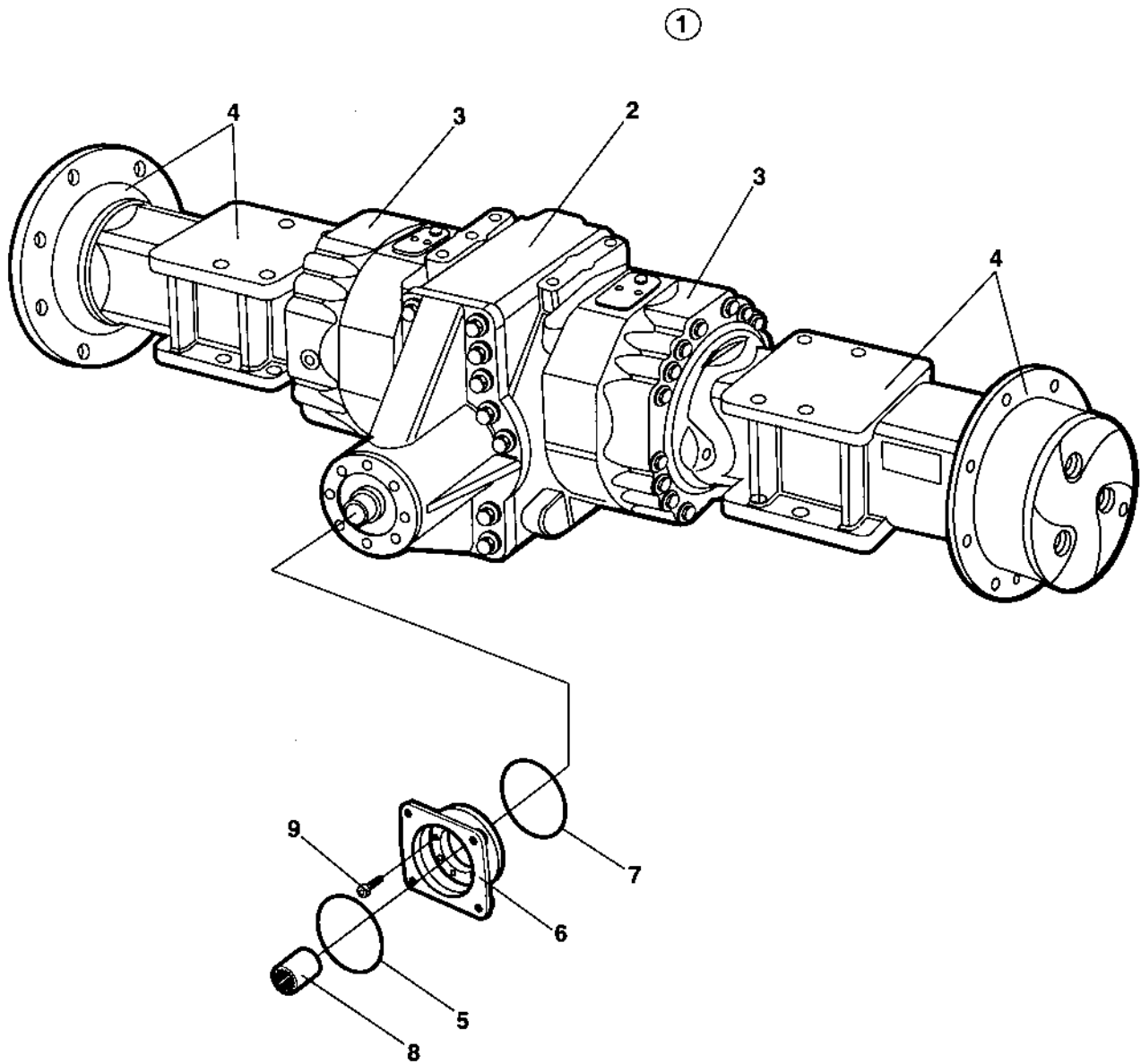
Rear axle and wheels

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Rear axle (Page 74)	
2	929217		8	Screw	
3	904233		16	Washer 21x36x3	
4	901145		8	Lock nut M20-10	
5	379691	A	2	Wheel, cpl	
6	383933		1	.Rim	
7	792261		1	.Air charging valve Straight	B
8	379632		1	.Tyre	D
9	379413	D	1	Tractor wheel, cpl	
	379414	E	1	Tractor wheel, cpl	
10	383933		1	.Rim	
11	792261		1	.Air charging valve Straight	B
12	379410		1	.Tyre	D
13	383975	B	2	Wheel, tubeless, cpl	
14	383955		1	.Rim cpl	
15	901443		1	..Snap ring	
16	901444		1	..Side ring	
17	791175		1	.Air charging valve	
	791176		1	.Valve foot	
18	901218		1	.Tyre	D
19	355983	H	2	Decal "TYRE PRESSURE"	
	903985	I	2	Decal "SAFETY", "TYRE IN BALLAST"	

- A) Liquidfilled
- B) Liquidfilled tyres, option, Michelin branded.
- D) Liquidfilled tyres, right.
- E) Liquidfilled tyres, left.
- H) Used with item 13 383975.
- I) Used with Liquefied filled tyres.

Rear axle

17671

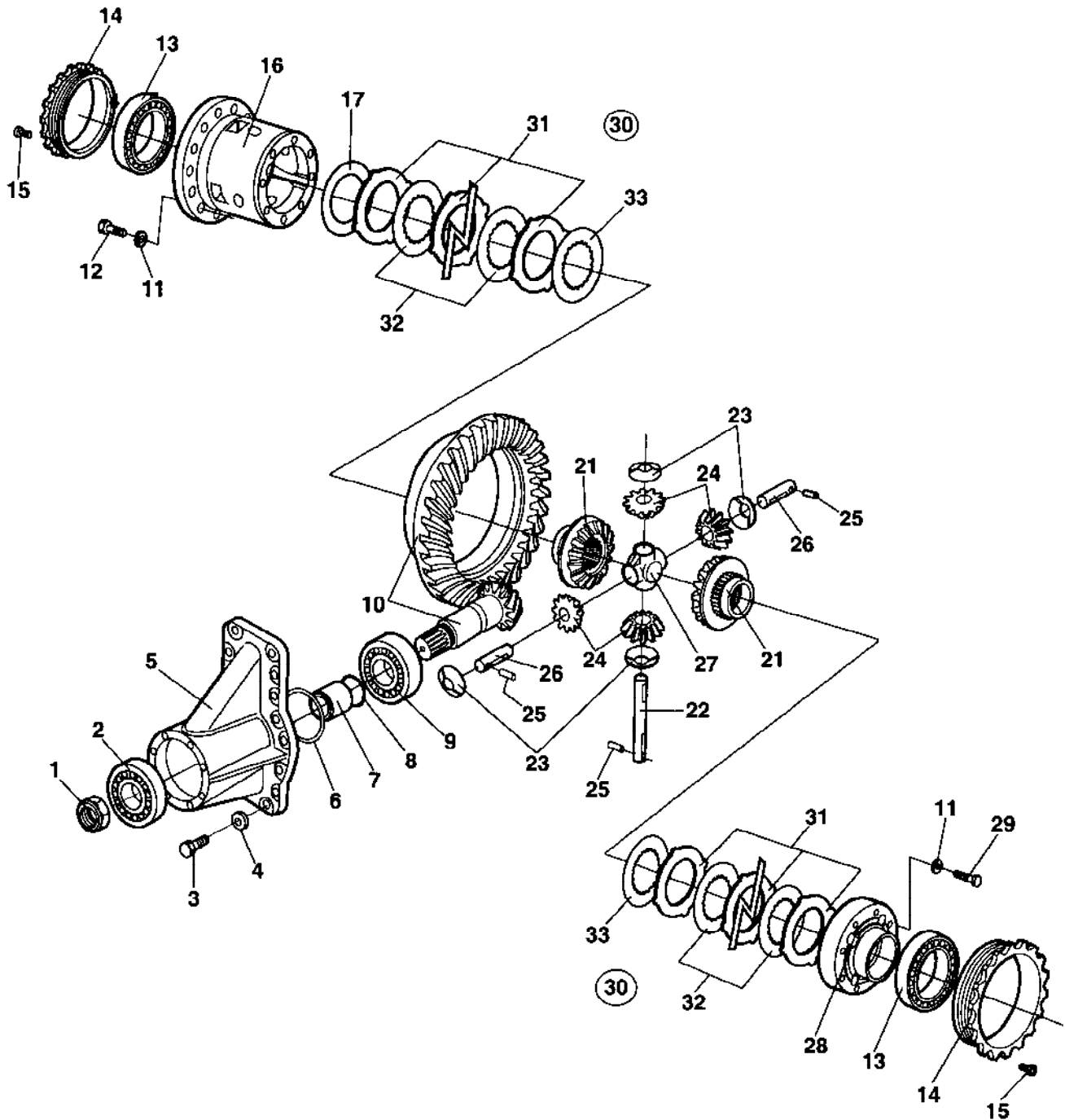


Rear axle

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	383857		1	Rear axle	
2			1	.Differential with limited slip (Page 76)	
3			2	.Differential housing and brakes (Page 78)	
4			2	.Planet gear (Page 80)	
5	909584		1	O-ring	D
6	909583		1	Flange	
7	929648		1	O-ring	D
8	901834		1	Splined sleeve	
9	909582		8	Screw	

Differential with limited slip

17672

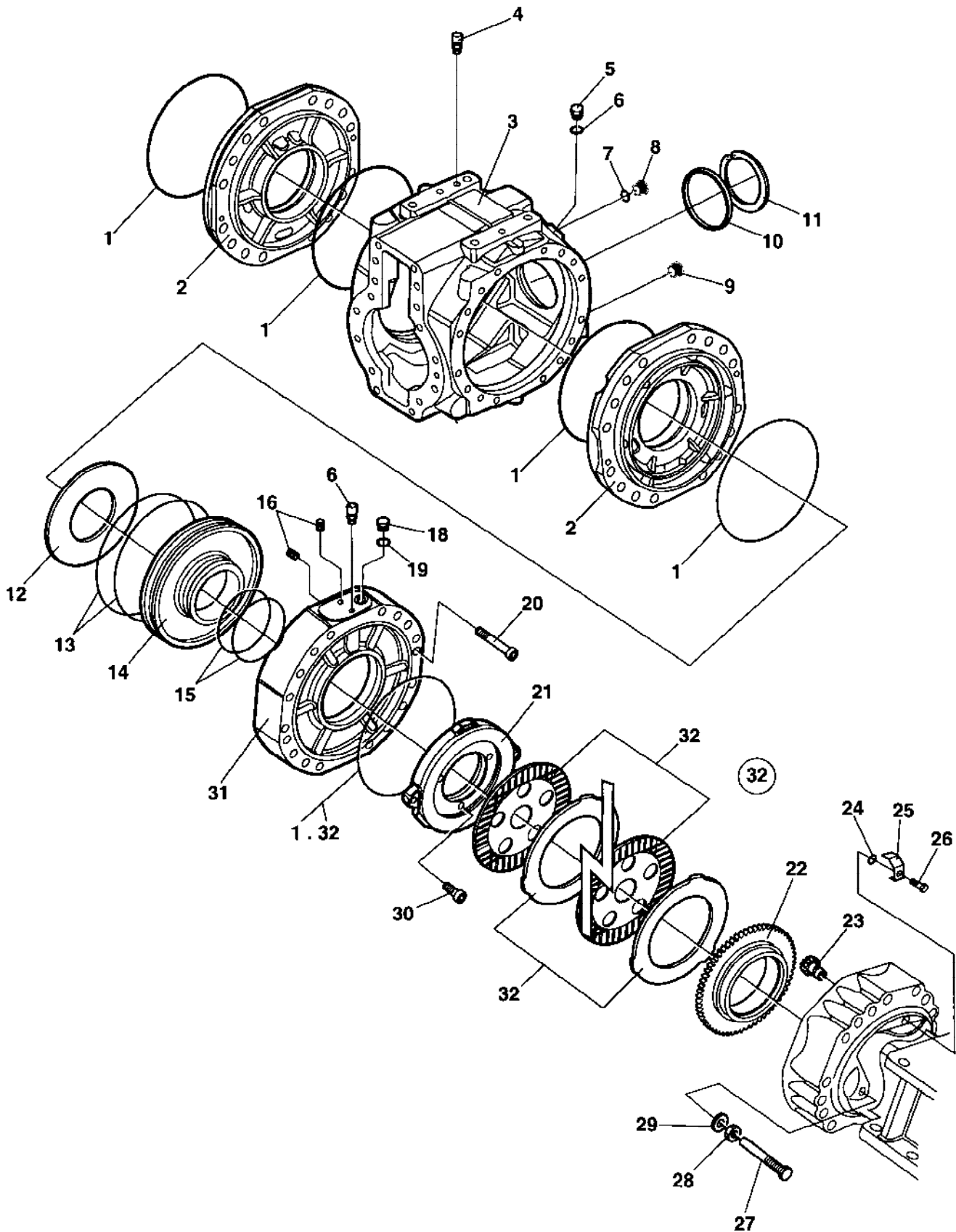


Differential with limited slip

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	929638		1	Nut	
2	909574		1	Roller bearing	
3	939257		16	Bolt	
4	909572		16	Spring washer	
5	908485		1	Housing	
6	909568		1	Shim 0,10mm	
	909569		1	Shim 0,20mm	
	909570		1	Shim 0,50mm	
	939258		1	Shim 0,15mm	
7	909567		1	Spacer	
8	939259		1	Shim 0,15mm	
	909580		1	Shim 0,20mm	
	909576		1	Shim 0,30mm	
	929644		1	Shim 0,40mm	
	939260		1	Shim 0,50mm	
9	909581		1	Roller bearing	
10	212553		1	Bevel gear set	
11	929628		16	Washer	
12	929629		16	Screw	
13	923342		1	Bearing	
14	939261		2	Nut	
15	938989		2	Screw	
16	909550		1	Differential carrier	
17	909551		1	Shim 0,30mm	
	909552		1	Shim 0,40mm	
	909553		1	Shim 0,10mm	
21	909558		2	Differential gear	
22	909566		1	Shaft	
23	909559		4	Friction washer	
24	939262		4	Differential pinion	
25	909561		3	Rolled pin	
26	909560		2	Shaft	
27	909565		1	Shaft retainer	
28	909562		1	Differential carrier cover	
29	909563		8	Screw	
30	935644		2	Disc kit	D
31			10	.Limited slip disc	D
32			8	.Limited slip disc	D
33			2	.Limited slip disc	D

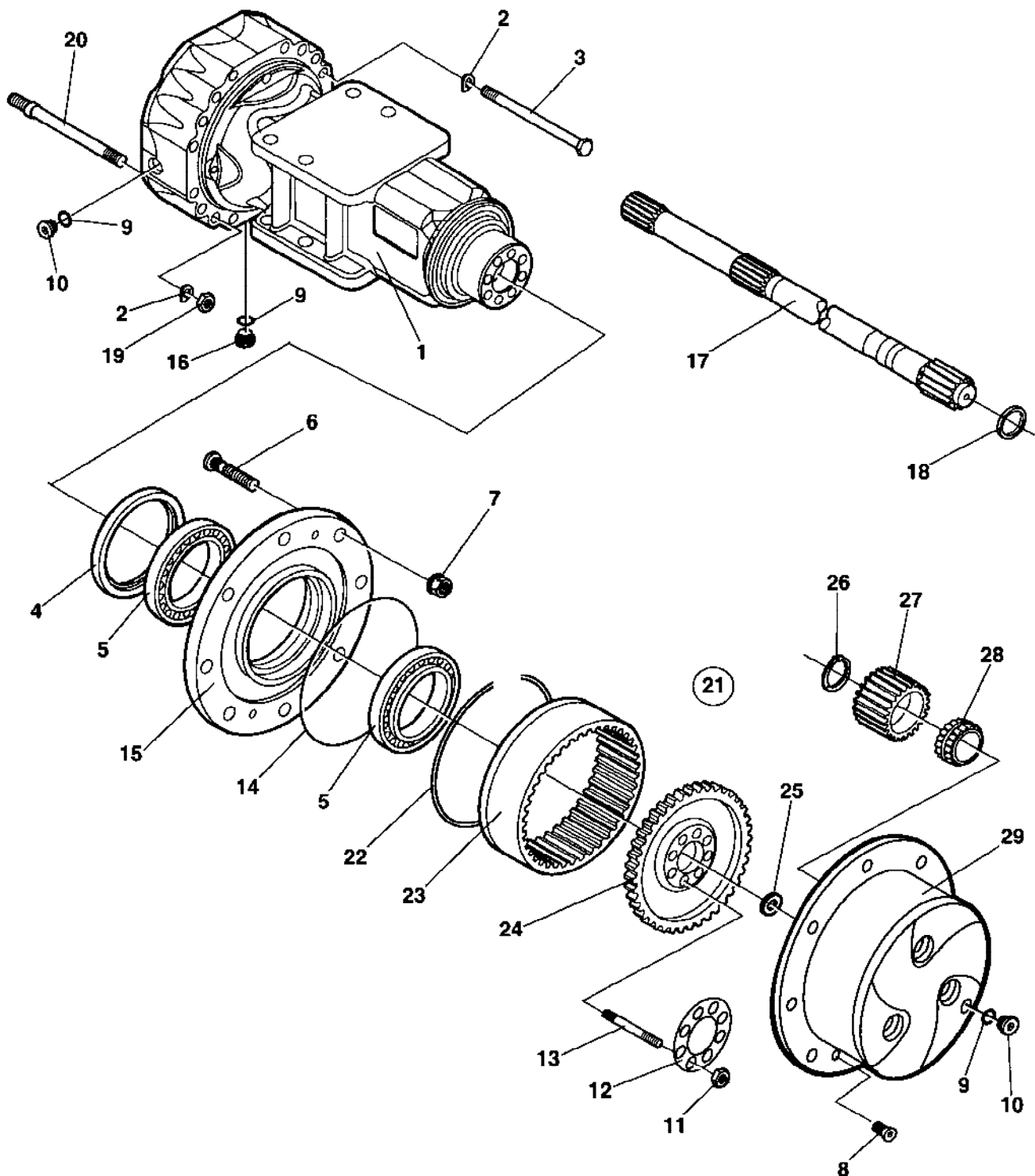
Differential housing and brakes

17670



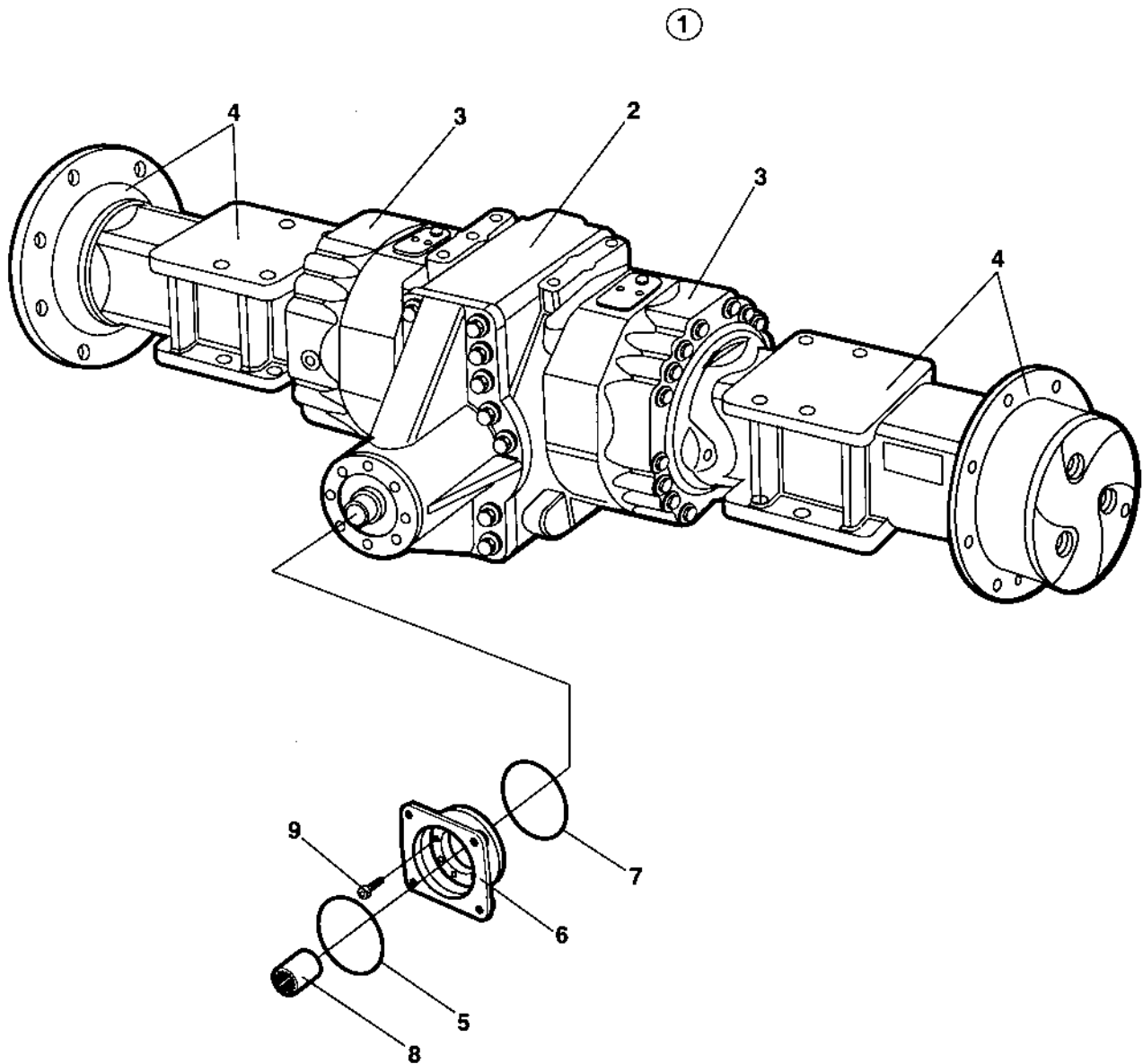
Differential housing and brakes

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	909609		6	O-ring	D
2	939255		2	Cover	
3	939256		1	Housing	
4	938984		1	Vent nipple	
5	909544		2	Screw	
6	938983		2	Seal washer	
7	909607		1	Seal	D
8	909596		1	Plug	
9	926810		1	Magnetic plug	
10	938296		1	Plug	
11	929617		1	Lock ring	
12	909616		2	Spring	
13	909618		4	O-ring	D
14	939280		2	Piston	
15	909619		4	O-ring	D
16	939281		4	Bolt	
17	938984		2	Vent nipple	
18	939282		2	Bolt	
19	939036		2	Seal washer	
20	939035		4	Screw	
21	939283		2	Disc	
22	939285		2	Ring	
23	909622		2	Pinion	
24	900966		2	O-ring	D
25	939286		2	Locking plate	
26	909624		2	Screw	
27	909626		4	Bolt	
28	900957		4	Nut	
29	926847		4	Seal washer	
30	939026		6	Screw	
31	939287		2	Cover	
32	939284		2	Brake disc kit	
			12	.Brake disc	
			12	.Brake disc	
	909609		2	.O-ring	D



Planet gear

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939263		2	Axle case	
2	939003		32	Spring washer	
3	939264		24	Bolt	
4	939265		2	Seal	
5	939266		4	Bearing	
6	926781		20	Wheel screw	
7	901987		20	Wheel nut	
8	939015		4	Screw	
9	330333		6	Copper washer	D
10	909596		4	Plug	
11	939016		20	Nut	
12	939275		2	Locking plate	
13	939017		20	Stud	
14	929612		2	O-ring	
15	939276		2	Wheel hub	
16	938985		2	Magnetic plug	
17	939277		2	Half shaft	
18	909586		2	Seal	D
19	939019		8	Nut	
20	939278		8	Stud	
21	939279		2	Planet gear carrier Cpl.	
22	939267		2	.Circlip	
23	939268		2	.Ring gear	
24	939269		2	.Ring gear support	
25	939270		2	.Washer	
26	939271		6	.Seal	
27	939272		6	.Planet gear	
28	939273		6	.Bearing	
29	939274		2	.Planet gear carrier	

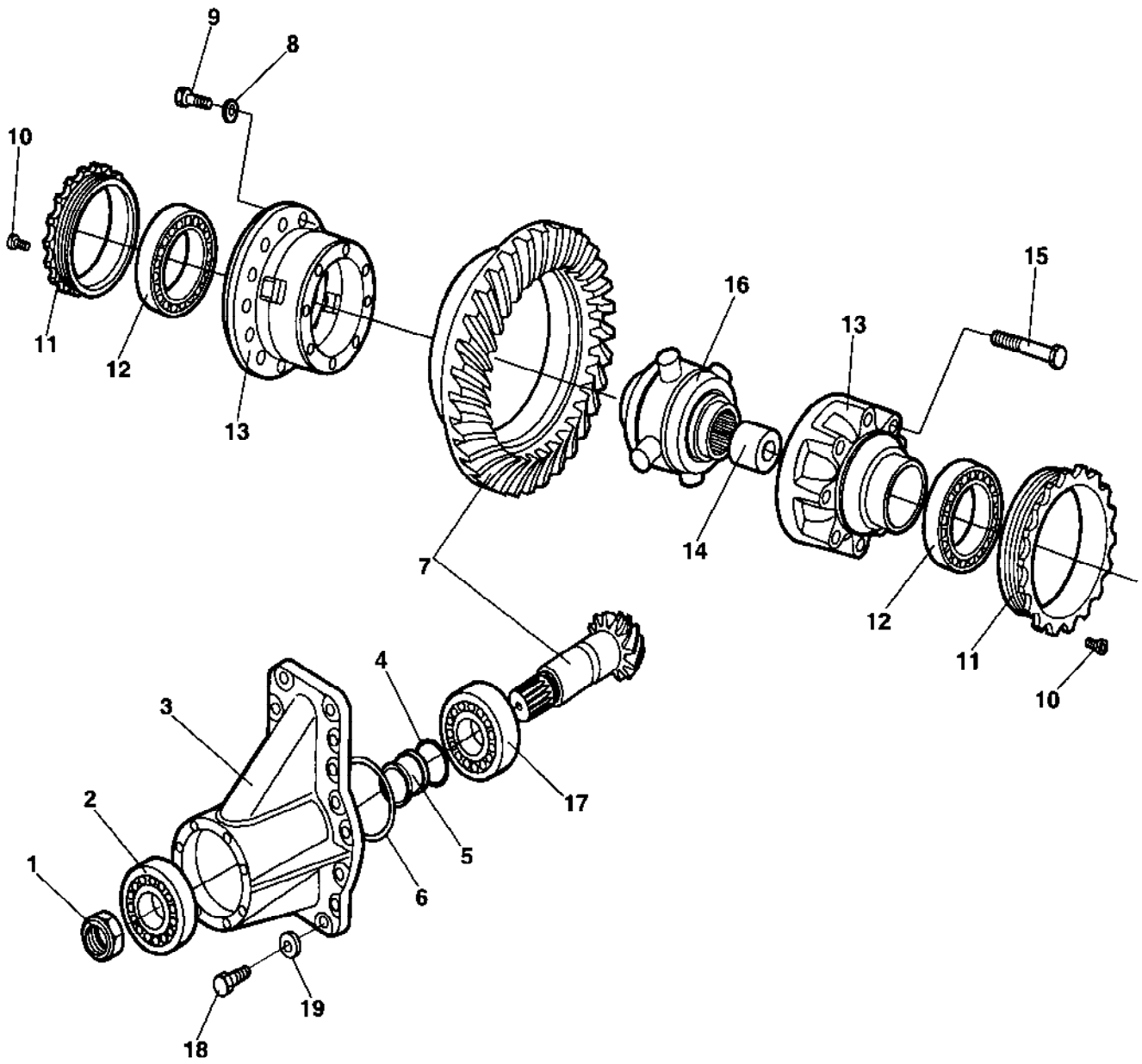


383856 Rear axle No-Spin, Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Rear axle	
2			1	.Differential with No-Spin (Page 84)	
3			2	.Differential housing and brakes (Page 78)	
4			2	.Planet gear (Page 88)	
5	909584		1	O-ring	D
6	909583		1	Flange	
7	929648		1	O-ring	D
8	901834		1	Splined sleeve	
9	909582		8	Screw	

Differential with No-Spin

17689

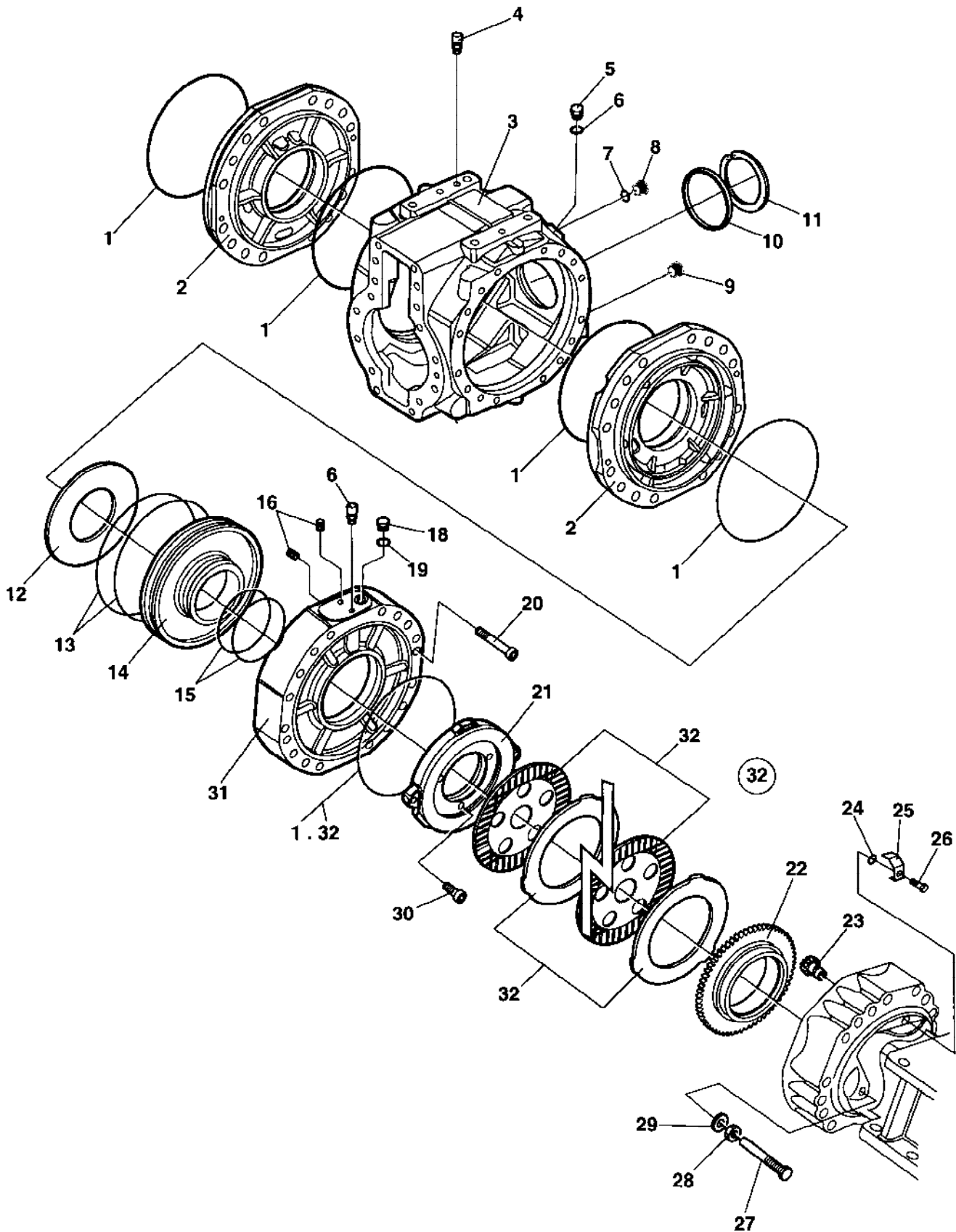


Differential with No-Spin

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	929638		1	Nut	
2	909574		1	Roller bearing	
3	908485		1	Housing	
4	939259		1	Shim 0,15mm	
	909580		1	Shim 0,20mm	
	909576		1	Shim 0,30mm	
	929644		1	Shim 0,40mm	
	939260		1	Shim 0,50mm	
5	909567		1	Spacer	
6	909568		1	Shim 0,10mm	
	909569		1	Shim 0,20mm	
	909570		1	Shim 0,50mm	
	939258		1	Shim 0,15mm	
7	212553		1	Bevel gear set	
8	929628		16	Washer	
9	929629		16	Screw	
10	938989		2	Screw	
11	939261		2	Nut	
12	923342		1	Bearing	
13	929630		1	Differential case	
14	929631		1	Spacer	
15	929625		8	Screw	
16	929626		1	Non-spin unit	
17	909581		1	Roller bearing	
18	939257		16	Bolt	
19	909572		16	Spring washer	

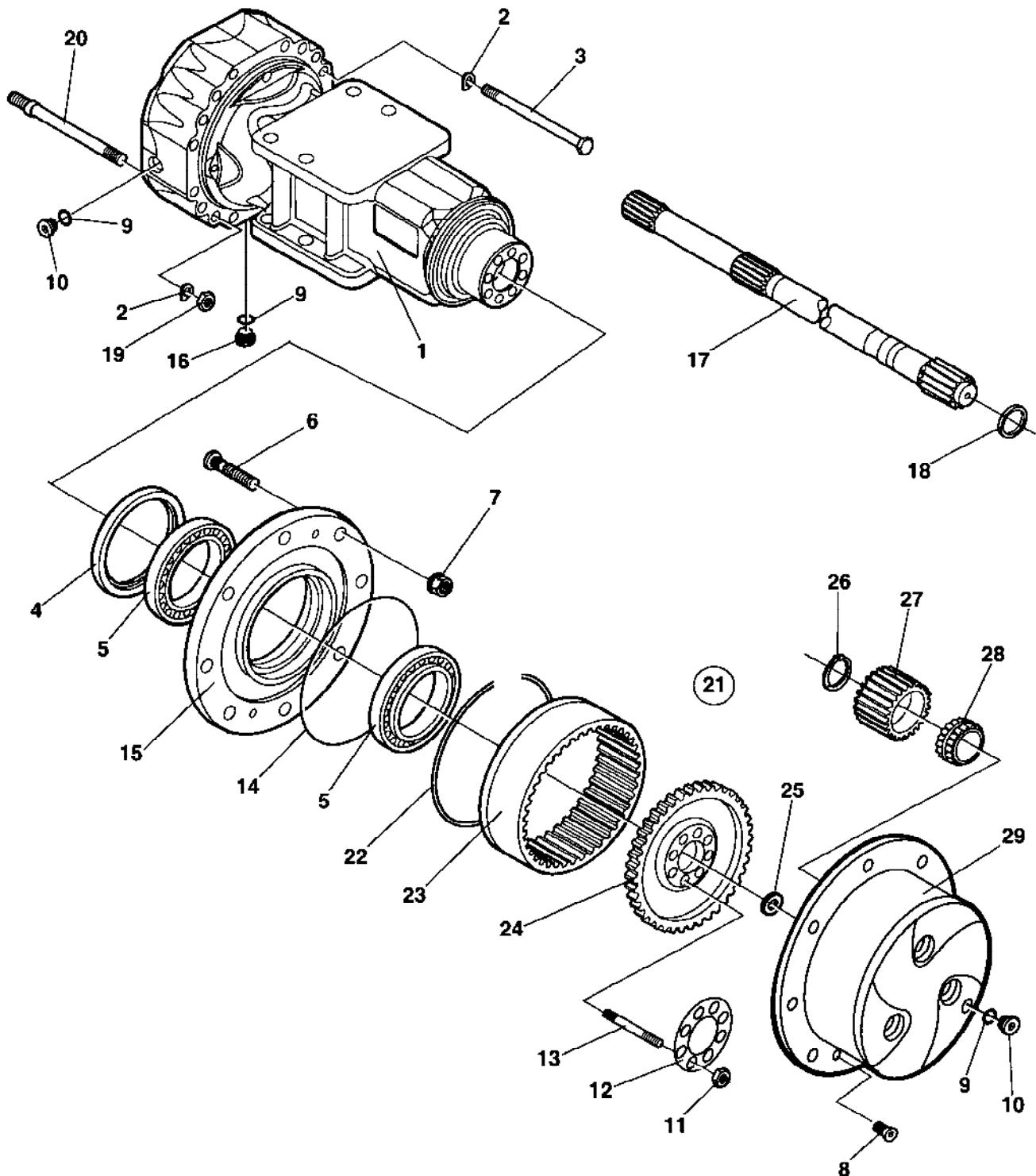
Differential housing and brakes

17670



Differential housing and brakes

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	909609		6	O-ring	D
2	939255		2	Cover	
3	939256		1	Housing	
4	938984		1	Vent nipple	
5	909544		2	Screw	
6	938983		2	Seal washer	
7	909607		1	Seal	D
8	909596		1	Plug	
9	926810		1	Magnetic plug	
10	938296		1	Plug	
11	929617		1	Lock ring	
12	909616		2	Spring	
13	909618		4	O-ring	D
14	939280		2	Piston	
15	909619		4	O-ring	D
16	939281		4	Bolt	
17	938984		2	Vent nipple	
18	939282		2	Bolt	
19	939036		2	Seal washer	
20	939035		4	Screw	
21	939283		2	Disc	
22	939285		2	Ring	
23	909622		2	Pinion	
24	900966		2	O-ring	D
25	939286		2	Locking plate	
26	909624		2	Screw	
27	909626		4	Bolt	
28	900957		4	Nut	
29	926847		4	Seal washer	
30	939026		6	Screw	
31	939287		2	Cover	
32	939284		2	Brake disc kit	
			12	.Brake disc	
			12	.Brake disc	
	909609		2	.O-ring	D

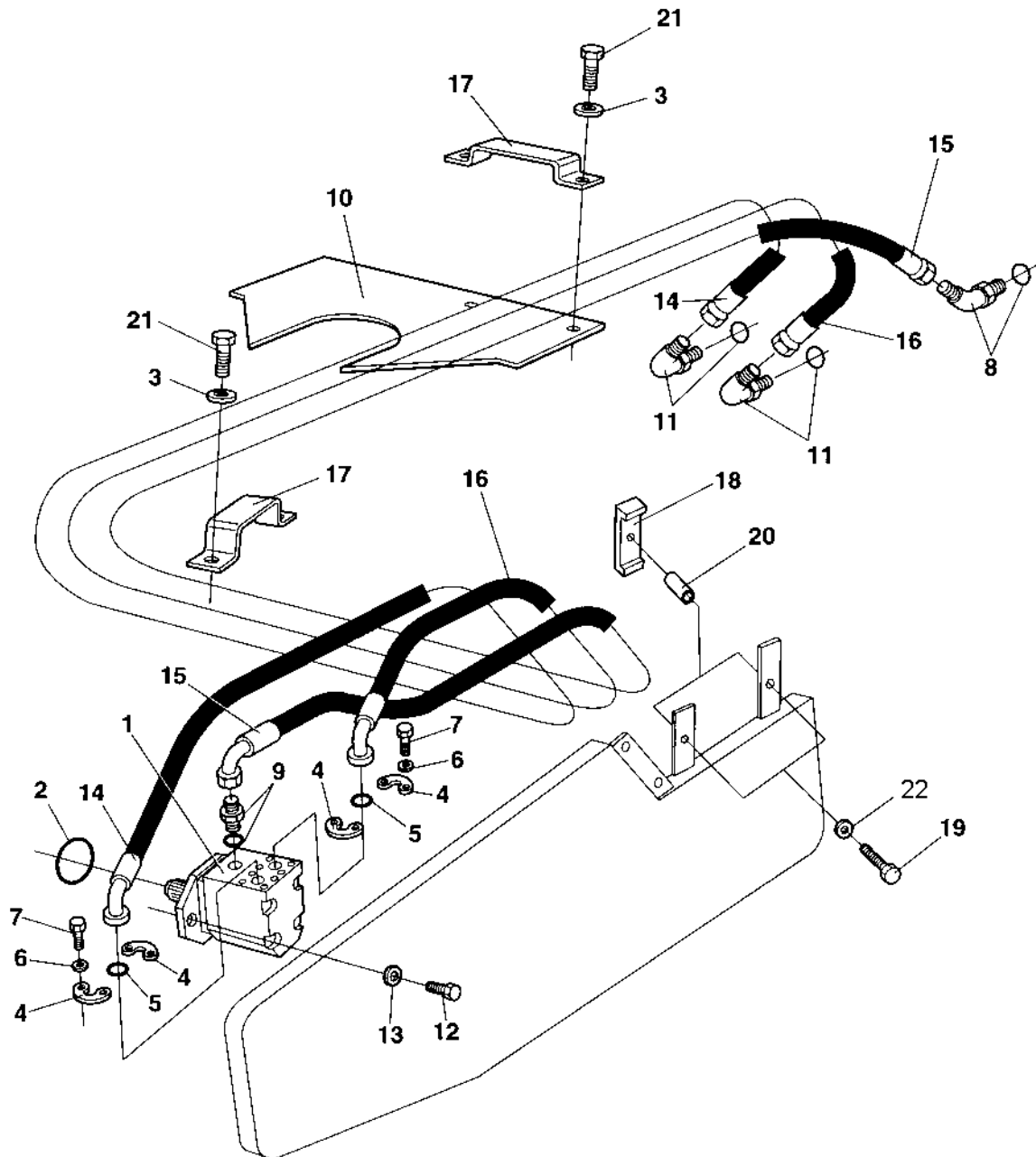


Planet gear

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	939263		2	Axle case	
2	939003		32	Spring washer	
3	939264		24	Bolt	
4	939265		2	Seal	
5	939266		4	Bearing	
6	926781		20	Wheel screw	
7	901987		20	Wheel nut	
8	939015		4	Screw	
9	330333		6	Copper washer	D
10	909596		4	Plug	
11	939016		20	Nut	
12	939275		2	Locking plate	
13	939017		20	Stud	
14	929612		2	O-ring	
15	939276		2	Wheel hub	
16	938985		2	Magnetic plug	
17	939277		2	Half shaft	
18	909586		2	Seal	D
19	939019		8	Nut	
20	939278		8	Stud	
21	939351		2	Planet gear carrier Cpl.	
22	939267		2	.Circlip	
23	939268		2	.Ring gear	
24	939269		2	.Ring gear support	
25	939270		2	.Washer	
26	939271		8	.Seal	
27	939272		8	.Planet gear	
28	939273		8	.Bearing	
29	939349		2	.Planet gear carrier	

Hydraulic system

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Propulsion system, Front (Page 92)	
12	371509			Propulsion motor (Page 94)	C
20				Propulsion system, Rear (Page 96)	
30				Vibration system (Page 98)	
32	380145			Vibration motor (Page 100)	C
50				Steering system (Page 102)	
52	375031			Hydraulic cylinder (Page 104)	C
54	376000			Steering valve (Page 106)	
65				Brake system (Page 108)	
69				Hydraulic oil tank (Page 110)	
70				Central test panel hydraulic Option (Page 112)	
80				Variable rear axle motor Option (Page 114)	
85	374137			Propulsion motor (Page 116)	C
90				Dual speed drum drive Option (Page 120)	

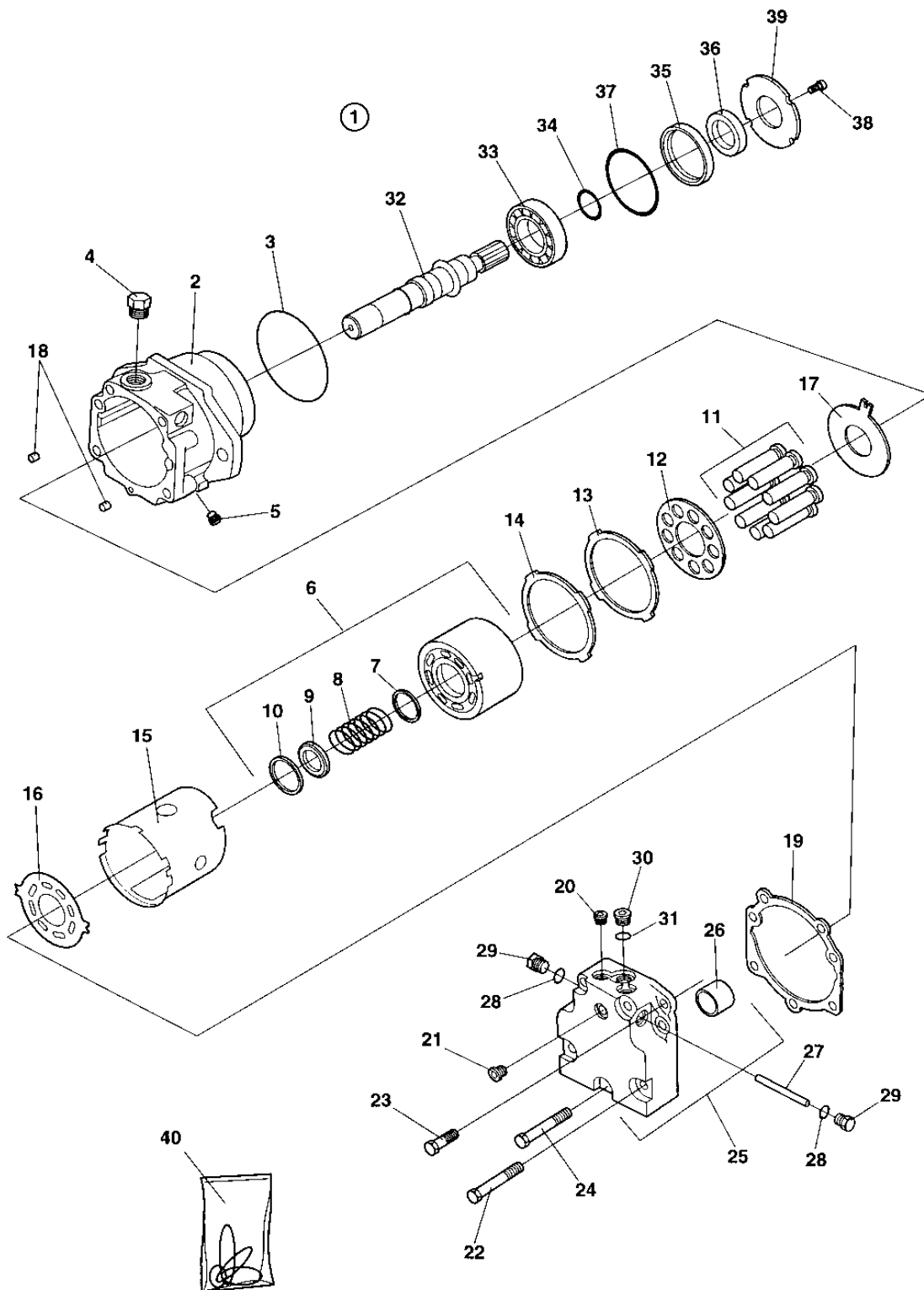


Propulsion system, Front

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	371509		1	Propulsion motor (Page 94)	C
2	904058		1	O-ring	
3	904230		4	Washer 10,5x22x2	
4	923384		4	Flange half	
5	904005		2	O-ring	
6	904638		8	Washer 12x22x2	
7	502132		8	Screw UNC 7/16" x 22	
8	334132		1	Elbow 45, O-ring	
9	334138		1	Adapter	
10	372235		1	Hose guard	
11	334132		2	Elbow 45, O-ring	
12	500101		2	Screw M20x50	
13	903290		2	Washer 21x36x6	
14	483119		1	Hydraulic hose	
15	483190		1	Hydraulic hose	
16	483120		1	Hydraulic hose	
17	373016		2	Hose clamp	
18	373270		2	Hose clamp	
19	500032		2	Screw M10 x 55	
20	373423		2	Spacer	
21	500029		4	Screw M10-1,5x30 8,8	
22	904230		2	Washer 10,5x22x2	

371509 Propulsion motor

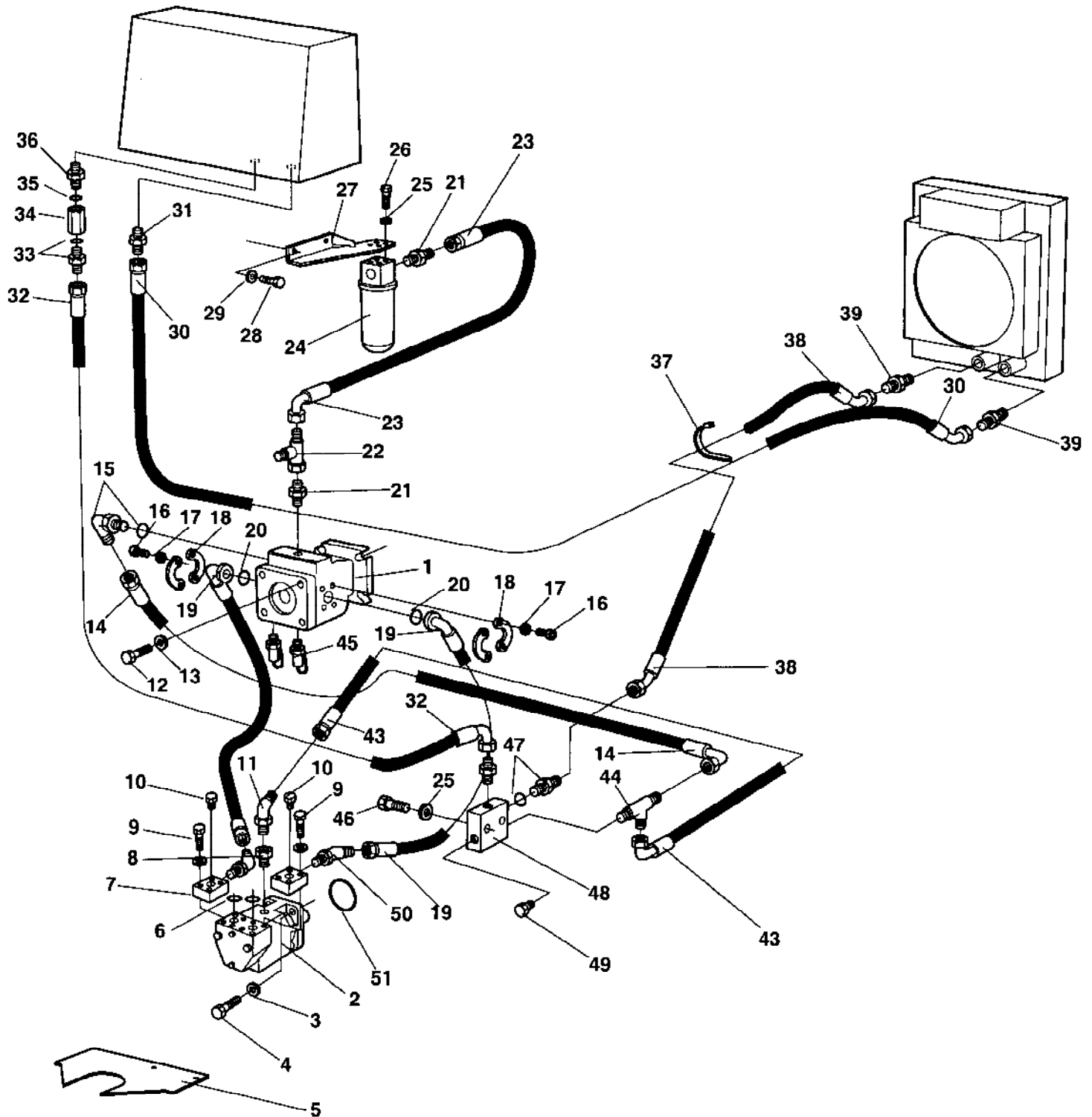
16542



371509 Propulsion motor

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Hydraulic motor, Cpl	
2	937274		1	.Housing	
3	937275	1	1	.O-ring	
4	902928		2	.Plug	
	901453	1	2	..O-ring	
5	937276		1	.Sensor	
6	937277		1	.Cylinder block, cpl	
7	935619		1	..Spacer	
8	937278		1	..Spring	
9	935621		1	..Spring retainer	
10	935622		1	..Ring retainer	
11	903570		9	.Piston	D
12	903571		1	.Pressure plate	D
13	935623		1	.Retainer guide	
14	935624		1	.Shim	
15	935625		1	.Holder	
16	935626		1	.Valve plate	
17	937279		1	.Thrust plate	
18	813822		2	.Pin	
19	935629	1	1	.Gasket	D
20	358388		2	.Plug	
21	908432		1	.Plug	
22	909252		4	.Screw	
23	909253		2	.Screw	
24	935630		1	.Screw	
25	937280		1	.End cap, cpl	
26	903053		1	..Bushing	
27	909255		1	.Spool	
28	923087	1	2	.O-ring	D
29	358388		2	.Plug	
30	935853		1	.Plug	
31	926658	1	1	.O-ring	D
32	935631		1	.Shaft	
33	901465		1	.Bearing	
34	901467		1	.Ring	
35	937281		1	.Seal carrier	
36	935632	1	1	.Seal	D
37	937282		1	.O-ring	
38	908773		3	.Screw	
39			1	.Cover	
40	937283		1	Seal kit	

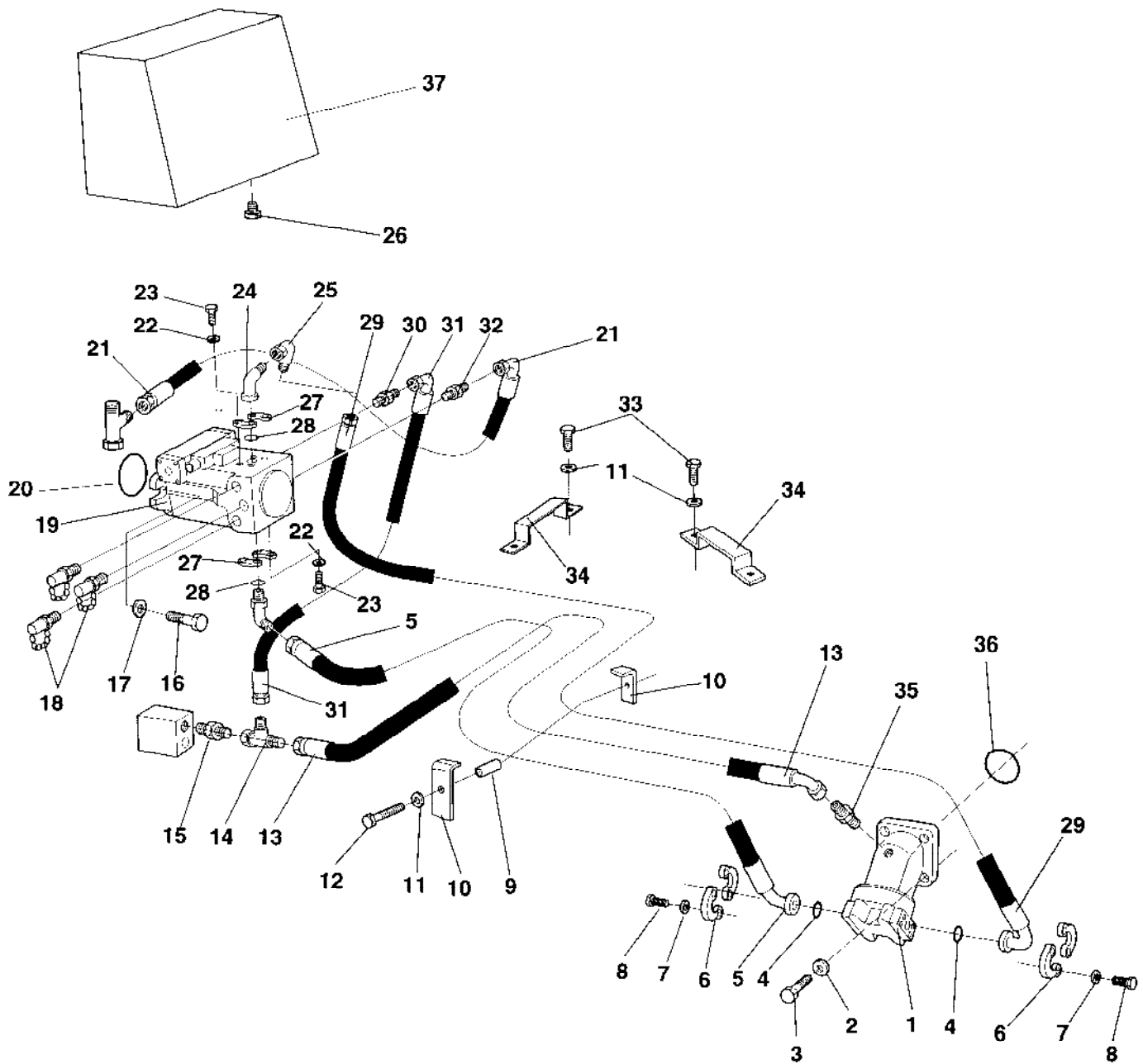
1) Includes in item 40, Seal kit



Propulsion system, Rear

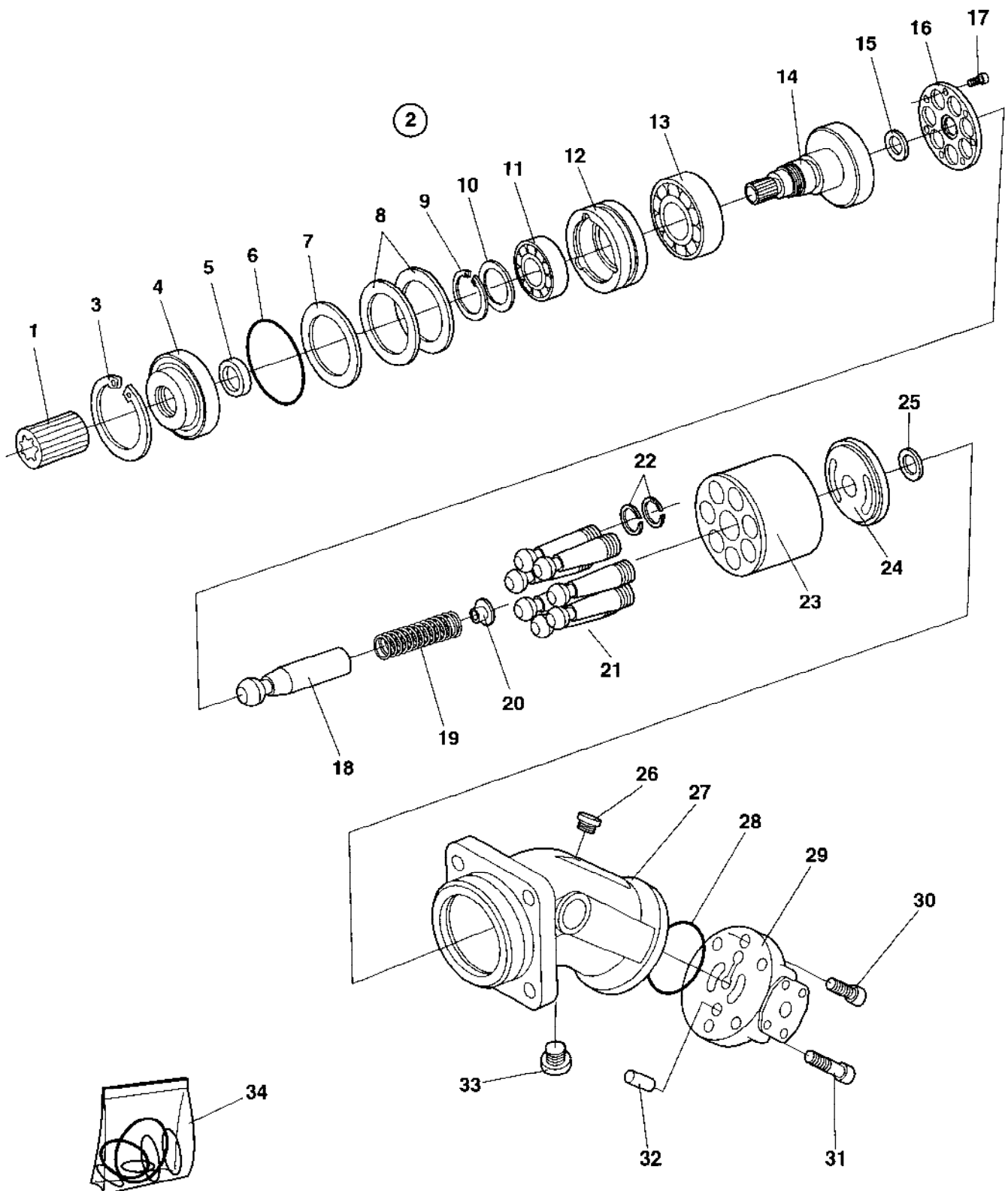
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380830		1	Propulsion pump	C
	938170	A	1	.Control valve, cpl	
	938252		1	..Solenoid valve	
	938253		1	..Neutral start switch	
2	375999		1	Hydraulic motor	
3	904793		8	Washer 19x34x3	
4	500263		4	Screw M18x60	
5	372235		1	Hose guard	
6	904171		2	O-ring	
7	380717		2	Flange coupling	
8	334468		1	Adapter	
9	509034		8	Screw	
10	232222		2	Plug	
11	334248		1	Elbow 45	
12	500046		4	Screw M12x30H 8,8 FZB	
13	904213		4	Washer 13x30x4	
14	482391		1	Hydraulic hose	
15	813499		1	Elbow 90, O-ring	D
16	502132		8	Screw UNC 7/16" x 22	
17	904638		8	Washer 12x22x2	
18	923384		4	Flange half	
19	483517		2	Hydraulic hose	
20	904005		2	O-ring	
21	334468		3	Adapter	
22	234243		1	T-connector	
23	482010		1	Hydraulic hose	D
24	359550		1	Hydraulic oil filter, cpl	
	359551		1	.Filter head	
	359552		1	.Cleaning filter element Maximum 50 hours use	
	372229	A	1	Filter element	A
25	904230		6	Washer 10,5x22x2	
26	500028		4	Screw M10-1,5x25 8,8	
27	380490		1	Filter bracket	
28	500021		2	Screw M8-1,25x25 8,8	
29	904229		2	Washer 8,4x16x1,5	
30	483499		1	Hydraulic hose	
31	234909		1	Straight connector	
32	482182		1	Hydraulic hose	D
33	923371		1	Adapter	
34	374059		1	Check valve	
35	162008		1	Seal washer	
36	904282		1	Adapter	
37	313102	N		Cable ties	
38	483123		1	Hydraulic hose	
39	234958		2	Connector	
43	482391		1	Hydraulic hose	
44	234875		1	Adapter	
45	900229		2	Measuring nipple	D
46	500149		2	Screw M10x70	
47	334140		1	Adapter	
48	345243		1	Connection block	
49	232222		1	Plug	
50	334140		2	Adapter	
51	902581		1	O-ring	D
52	334138		1	Adapter	

A) Spare part for ordinary service



Vibration system

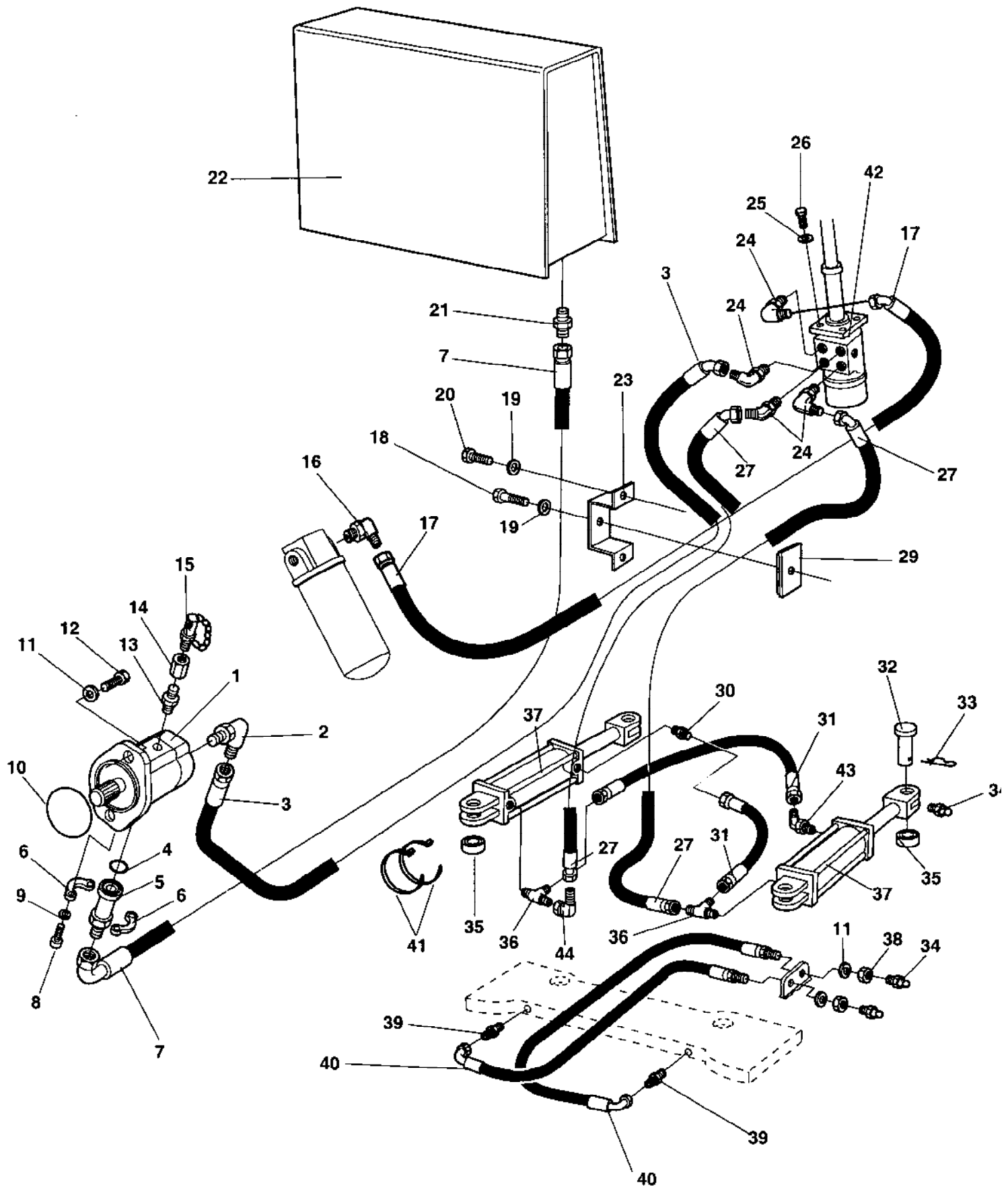
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380145		1	Vibration motor (Page 100)	C
2	904231		4	Washer 13x24x2	
3	500194		4	Screw M12x40H 8.8	
4	904003		2	O-ring	
5	483501		1	Hydraulic hose	
6	900430		4	Flange half	
7	904229		8	Washer 8,4x16x1,5	
8	502019		8	Screw	
9	373424		2	Spacer	
10	373270		2	Hose clamp	
11	904230		6	Washer 10,5x22x2	
12	500032		2	Screw M10 x 55	
13	483031		1	Hydraulic hose	
14	334135		1	T-connector	
15	334122		1	Adapter	
16	502078		2	Screw	
17	904232		2	Washer 17x30x3	
18	901157		3	Measuring nipple	D
19	383958		1	Vibration pump	C
20	903877		1	O-ring	
21	483286		1	Hydraulic hose	
22	904230		8	Washer 10,5x22x2	
23	500030		8	Screw M10-1,5x35H 8,8	
24	904767		2	Flange adapter	
25	904781		1	Adapter	
26	334025		1	Straight connector	
	330383		1	Cap hydraulic	
27	929226		4	Flange half	
28	904004		2	O-ring	D
29	483500		1	Hydraulic hose	
30	901155		1	Connector	
31	483397		1	Hydraulic hose	
32	234382		1	Adapter	
33	500028		4	Screw M10-1,5x25 8,8	
34	373017		2	Hose clamp	
35	334121		1	Straight connector	
36	160132		1	O-ring 124, 50x3, 00	D
37			1	Hydraulic oil tank (Page 110)	



380145 Vibration motor

Ref. No.	Part No.	Rem.	Qty	Description	Code
			1	Vibration motor, cpl	
1	340863		1	..Splined sleeve	D
2	380078		1	..Vibration motor	
3	901387		1	..Snap ring	
4	937261		1	..Cover	
5	937264	1	1	..Seal ring	
6	937265	1	1	..O-ring	
7	901390		1	..Shim T=0,3 mm	
8	901389		2	..Shim T=0,1 mm	
9	938042		1	..Retainer ring	
10	938041		1	..Back-up plate	
11	901386		1	..Bearing	
12	937260		1	..Bearing ring	
13	901385		1	..Bearing	
14	938040		1	..Shaft	
15	937262		1	..Washer	
16	903495		1	..Retainer plate	
17	903494		7	..Screw	
18	938030		1	..Pin	
19	938036		1	..Spring	
20	938035		1	..Spring collar	
21	938031		7	..Piston	
	938038		1	...Piston	
22	938039		2	...Sealing ring	
23	938002		1	..Cylinder	
24	901391		1	..Pressure plate	
25	938037		1	..Washer	
26	937995		1	..Screw	
27	937256		1	..Housing	
28	937258	1	1	..O-ring	
29	937257		1	..Plate	
30	902655		2	..Screw	
31	927350		4	..Screw	
32	937993		1	..Pin	
33	937259	1	1	..Screw	
34	937674		1	..Seal kit	

1) Included in seal kit, item 34

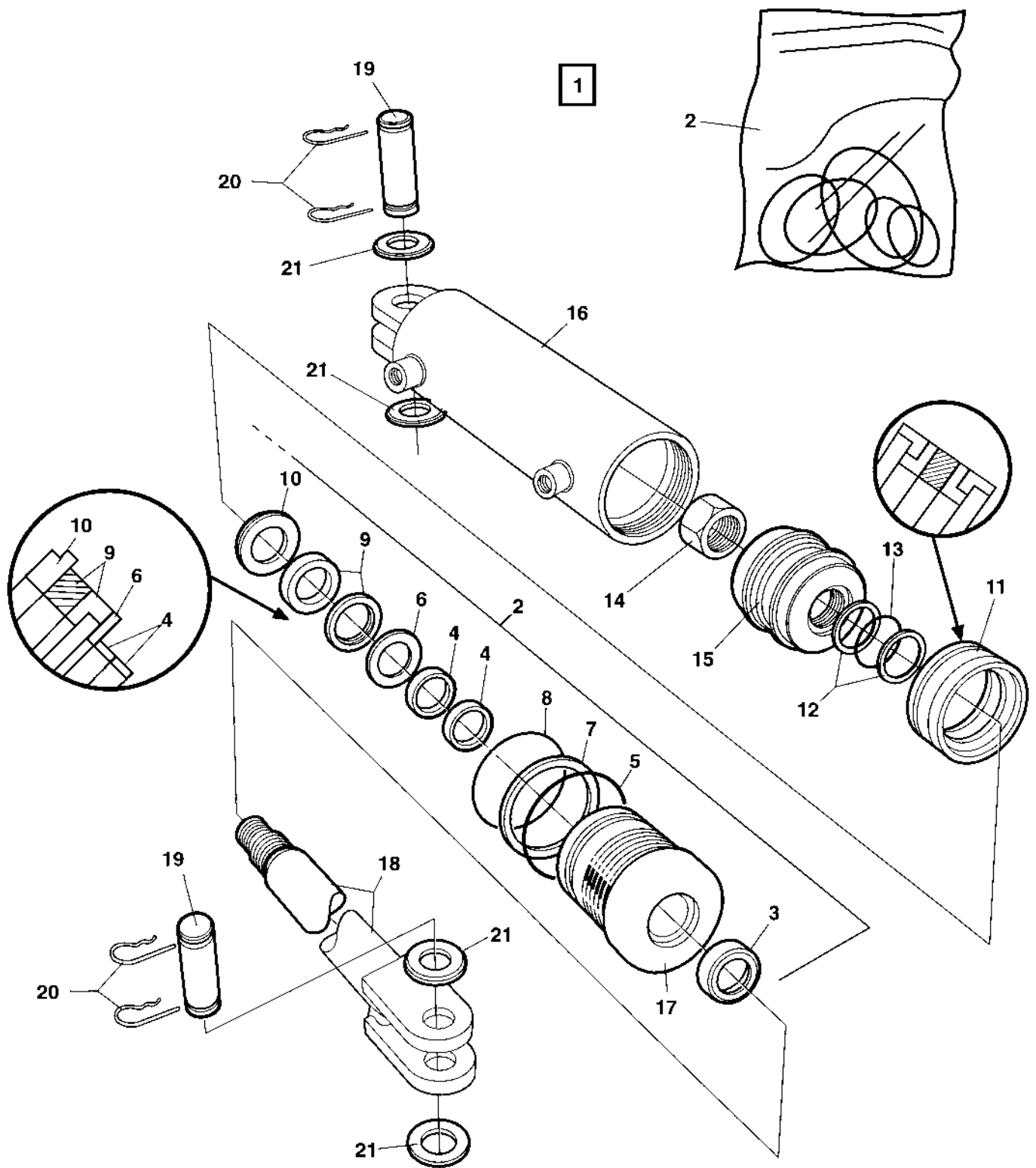


Steering system

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	375454		1	Hydraulic pump	
2	334558		1	Elbow 90G with O-ring	
3	483496		1	Hydraulic hose	
4	904005		1	O-ring	
5	372625		1	Connector	
6	232097		2	Flange half	D
7	483050		1	Hydraulic hose	
8	508029		4	Screw M10-1,5x30H 8,8	
9	904637		4	Washer 10x18x2	
10	937055		1	O-ring	
11	904231		4	Washer 13x24x2	
12	500133		4	Screw M12x70	
13	334199		1	Straight o-ring connector	
14	338304		1	Connector	
15	910161		1	Measuring nipple	D
16	929123		1	Elbow 90, O-ring	
17	483498		1	Hydraulic hose	
18	904241		1	Screw M8x40	
19	904229		3	Washer 8,4x16x1,5	
20	500019		2	Screw M8-1,25x16 8.8	
21	234626		1	Adapter	
22			1	Hydraulic oil tank (Page 110)	
23	372513		1	Hose clamp	
24	813444		4	Elbow 90, O-ring	
25	600008		4	Washer	
26	502034		4	Screw UNC 3/8 - 16	
27	483497		2	Hydraulic hose	
28	334121		1	Straight connector	
29	372514		1	Hose clamp	
30	334121		1	Straight connector	
31	483109		2	Hydraulic hose	
32	347119		2	Shaft	D
33	635061		4	Hair clip	D
34	926214		4	Grease fitting	D
35	813316		4	Ball bushing	D
36	234218		2	Tee connector	
37	375031		2	Hydraulic cylinder (Page 104)	C
38	903831		2	Nut M12	
39	371669		2	Straight connector	
40	903812		2	Hydraulic hose	
41	313102		N	Cable ties	
42	376000		1	Steering valve (Page 106)	
43	813500		1	Elbow 45, O-ring	
44	234662		1	Elbow 45	

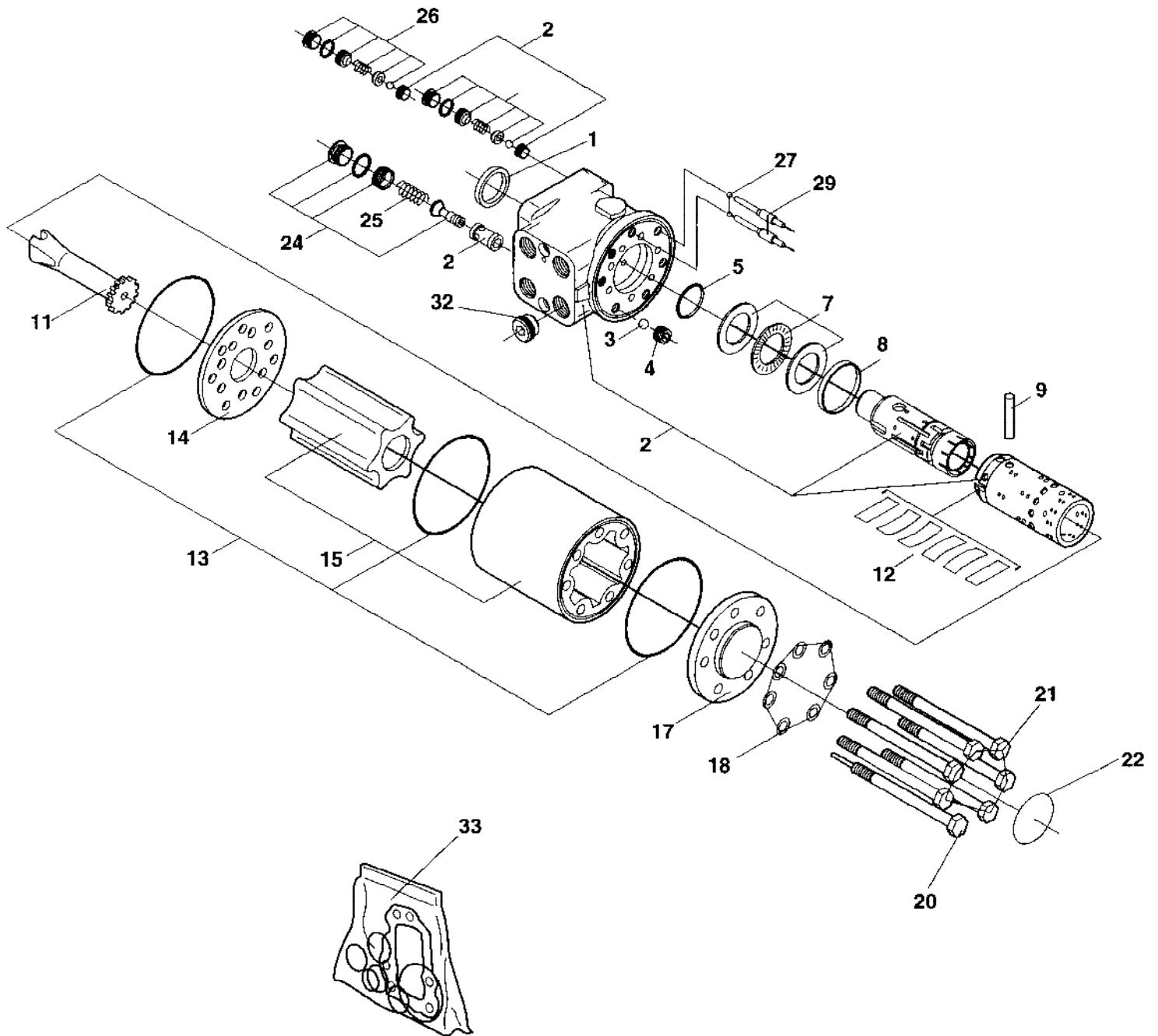
375031 Hydraulic cylinder

16490



375031 Hydraulic cylinder

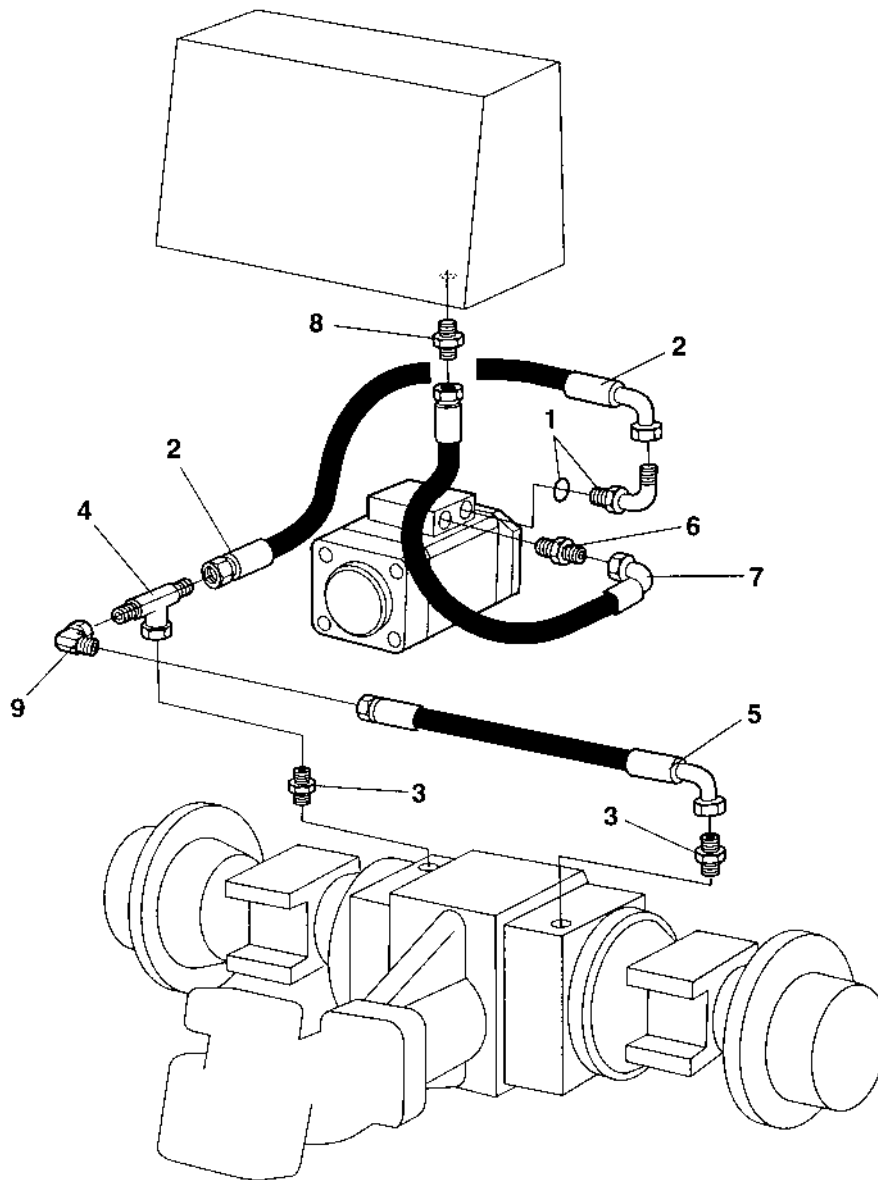
Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Steering cylinder, cpl	
2	904145		1	.Seal kit	D
3			1	..Seal	D
4			2	..Seal	D
5			1	..O-ring	D
6			1	..Back-up ring	D
7			1	..Back-up ring	D
8			1	..O-ring	D
9			1	..Seal	D
10			1	..Retaining ring	D
11			1	..Seal	D
12			2	..Back-up ring	D
13			1	..O-ring	D
14			1	..Lock nut	D
15	904143		1	.Piston block	
16	936267		1	.Cylinder	
17	903619		1	.Steering	
18	936268		1	.Piston rod	
19	347119		2	.Shaft	D
20	635061		4	.Hair clip	D
21	600016		4	.Washer 26x45x4	



376000 Steering valve

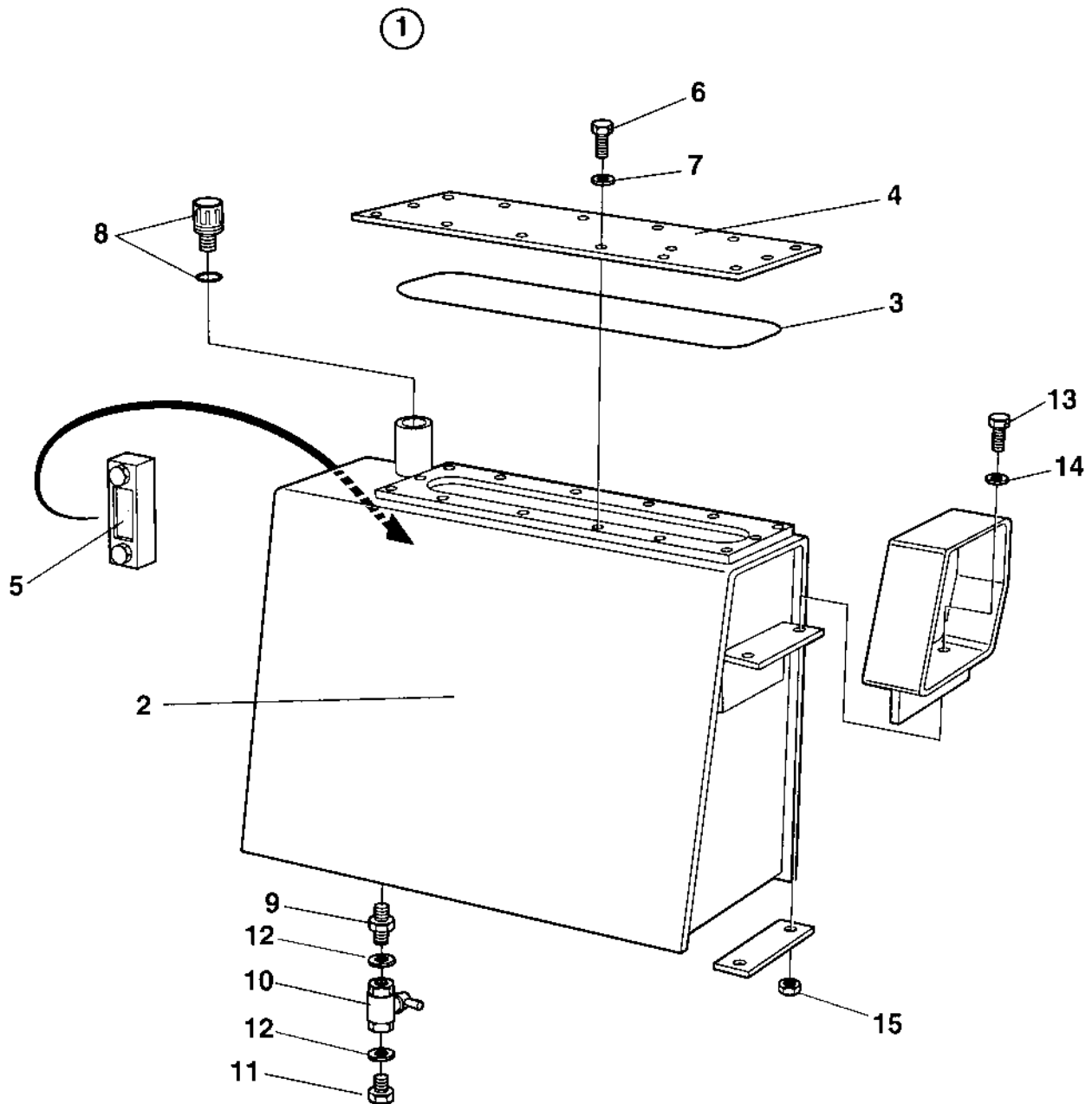
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	938062	A	1	Dust seal ring	
2			1	Housing, spool and sleeve	
3	938063		1	Ball	
4	938064		1	Threaded bushing	
5	908780	A	1	O-ring	
7	911620		1	Bearing	D
8	938065		1	Ring	
9	938066		1	Cross pin	
11	902861		1	Cardan shaft	
12	938067		1	Set of springs	
13	938068	A	3	O-ring	
14	902862		1	Valve plate	
15	903457		1	Gear wheel set	
17	938069		1	End cover	
18	938070	A	7	Washer	
20	938071		1	Screw with pin	
21	935468		6	Spring washer	
22	938072		1	Name plate	
24	938073		1	Pressure relief valve	
25	902864		1	Spring	
26	938074		2	Shock valve	
27	929013		2	Ball	
29	929014		2	Rolled pin	
32	938075		1	Check valve	
33	935429		1	Seal kit	

A) Included i n ref 33



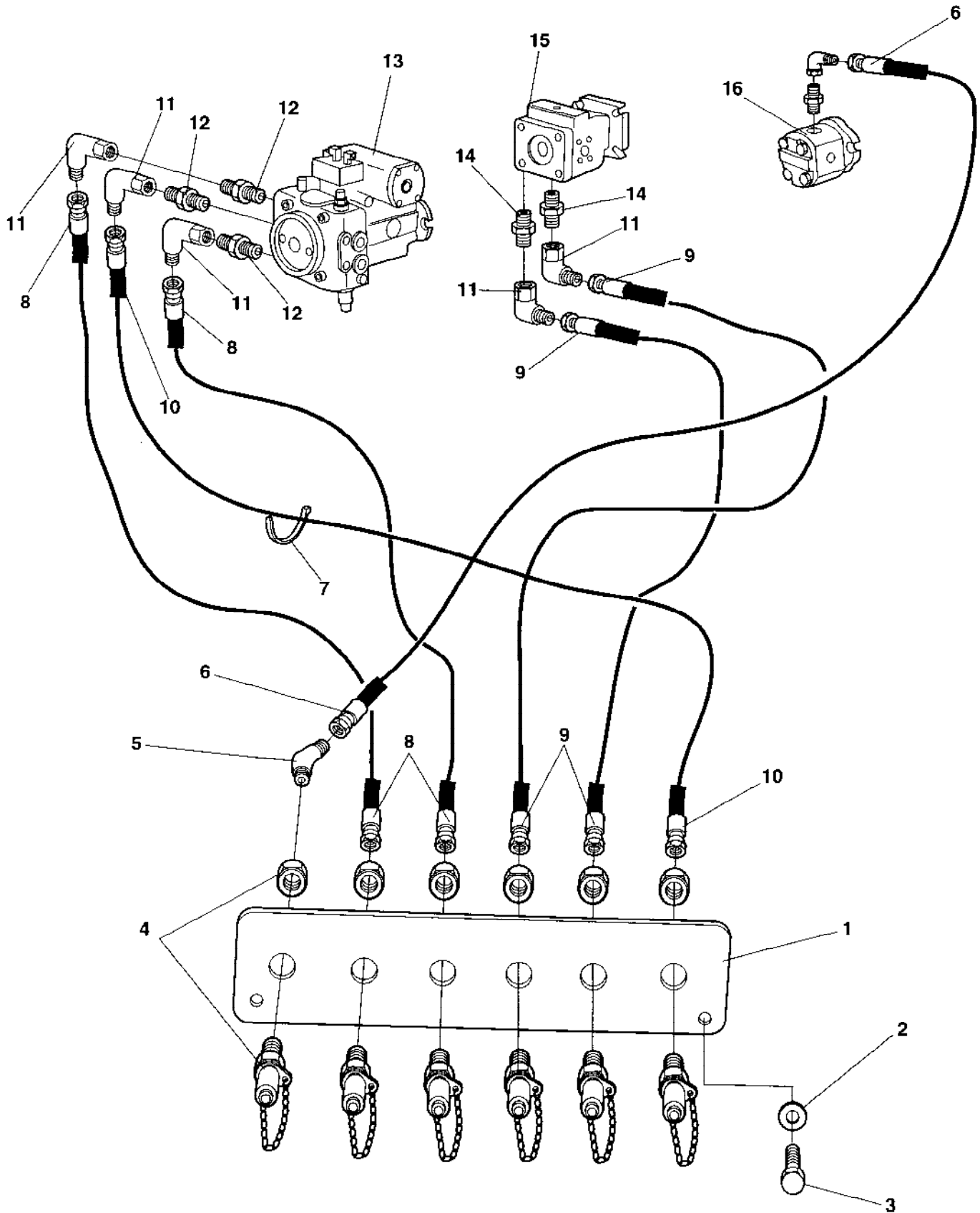
Brake system

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	334389		1	Connector	
2	482056		1	Hydraulic hose	
3	900552		2	Adapter	
4	234888		1	Tee-connector	
5	482399		1	Hydraulic hose	D
6	234843		1	Adapter	
7	482474		1	Hydraulic hose	
8	334205		1	Straight connector	
9	334524		1	Connector	



Hydraulic oil tank

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	372044		1	Hydraulic oil tank, CPL	
2	372029		1	.Hydraulic oil tank	
3	349880		1	.O-ring	
4	349879		1	.Cover	
5	989151		1	.Oil level glass	D
6	500019		14	.Screw M8-1,25x16 8.8	
7	904229		14	.Washer 8,4x16x1,5	
8	357138		1	.Ventilating filter	A
9	791119		1	.Adapter G3/4	
10	233304		1	.Ball valve	
11	232039		1	.Plug G3/4	
12	791120		2	.Sealing washer G3/4	
13	500192		4	Screw M10x80	
14	904567		4	Washer 10,5x28x6	
16	570006		4	Nut M10	

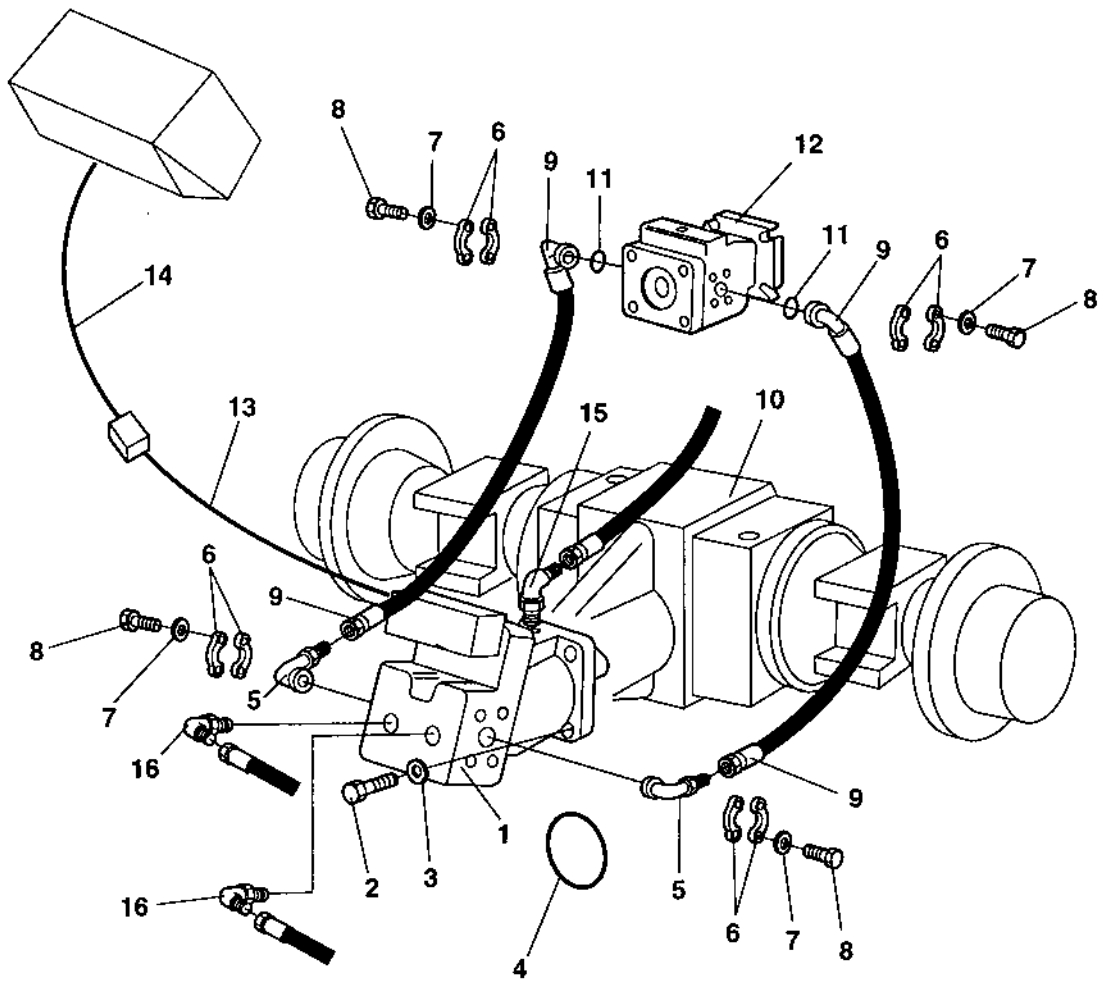


Central test panel hydraulic Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	374028		1	Test panel	
2	904229		2	Washer 8,4x16x1,5	
3	500053		2	Screw M8-1,25x20 8,8	
4	356348		6	Measuring nipple	D
5	234622		1	Elbow 45	
6	483204		1	Hydraulic hose	
7	313102		N	Cable ties	
8	483445		2	Hydraulic hose	
9	483188		2	Hydraulic hose	
10	482342		1	Hydraulic hose	
11	334196		5	Elbow 90	
12	902125		3	Connector	
13			1	Vibration pump	
14	234388		2	Connector	
15			1	Propulsion pump	
16			1	Steering pump	

Variable rear axle motor Option

17528

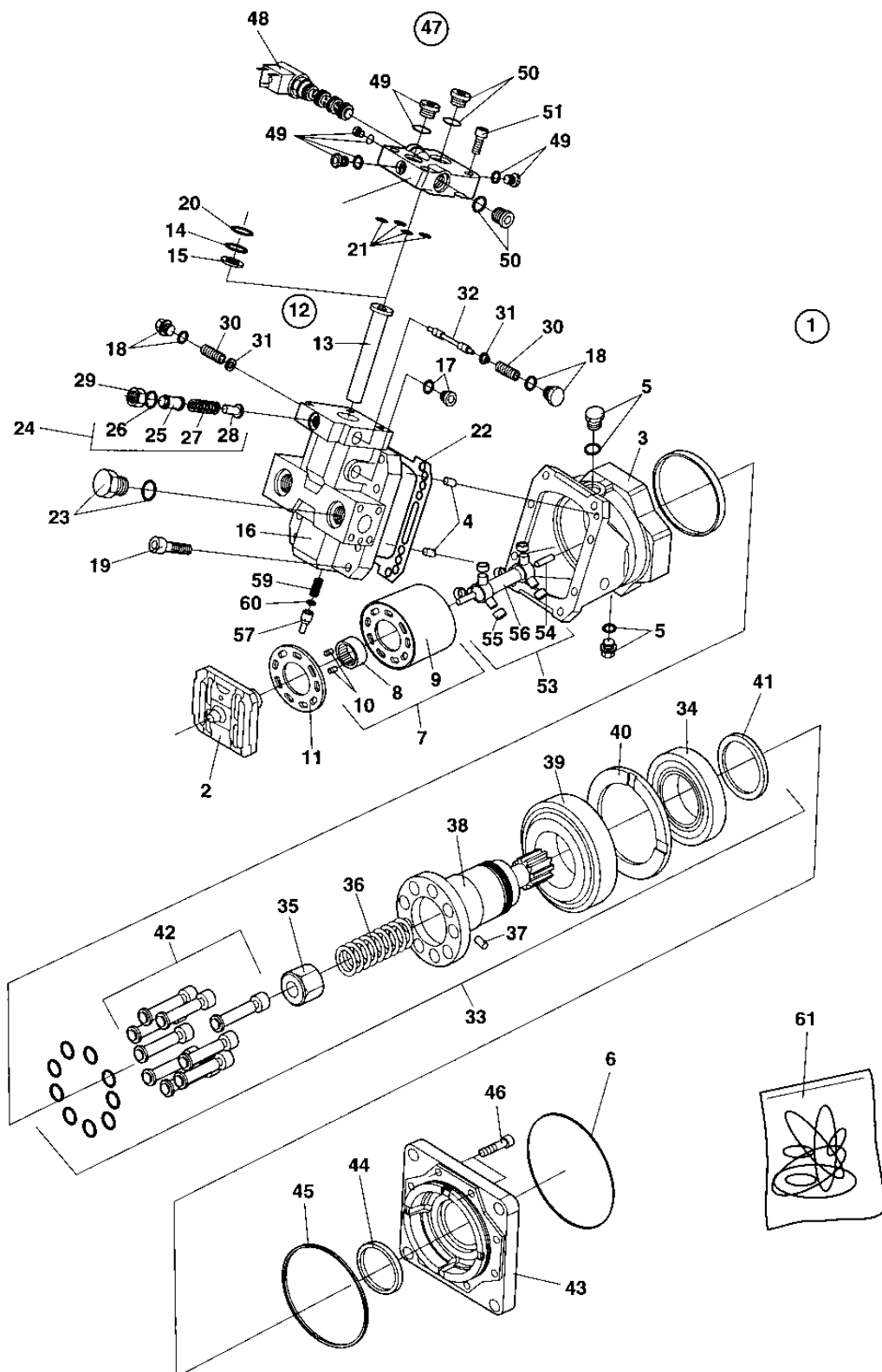


Variable rear axle motor Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	374137		1	Propulsion motor (Page 116)	C
2	500263		4	Screw M18x60	
3	904793		4	Washer 19x34x3	
4	902581		1	O-ring	D
5	900604		2	Adapter	
6	923384		8	Flange half	
7	904638		16	Washer 12x22x2	
8	502132		16	Screw UNC 7/16" x 22	
9	483517		2	Hydraulic hose	
10			1	Rear axle	
11	904005		2	O-ring	
12	380830		1	Propulsion pump	C
13	380577		1	Cable harness	
14	380700		1	Cable harness	
15	334132		1	Elbow 45, O-ring	
16	813499		2	Elbow 90, O-ring	D

374137 Propulsion motor

16523



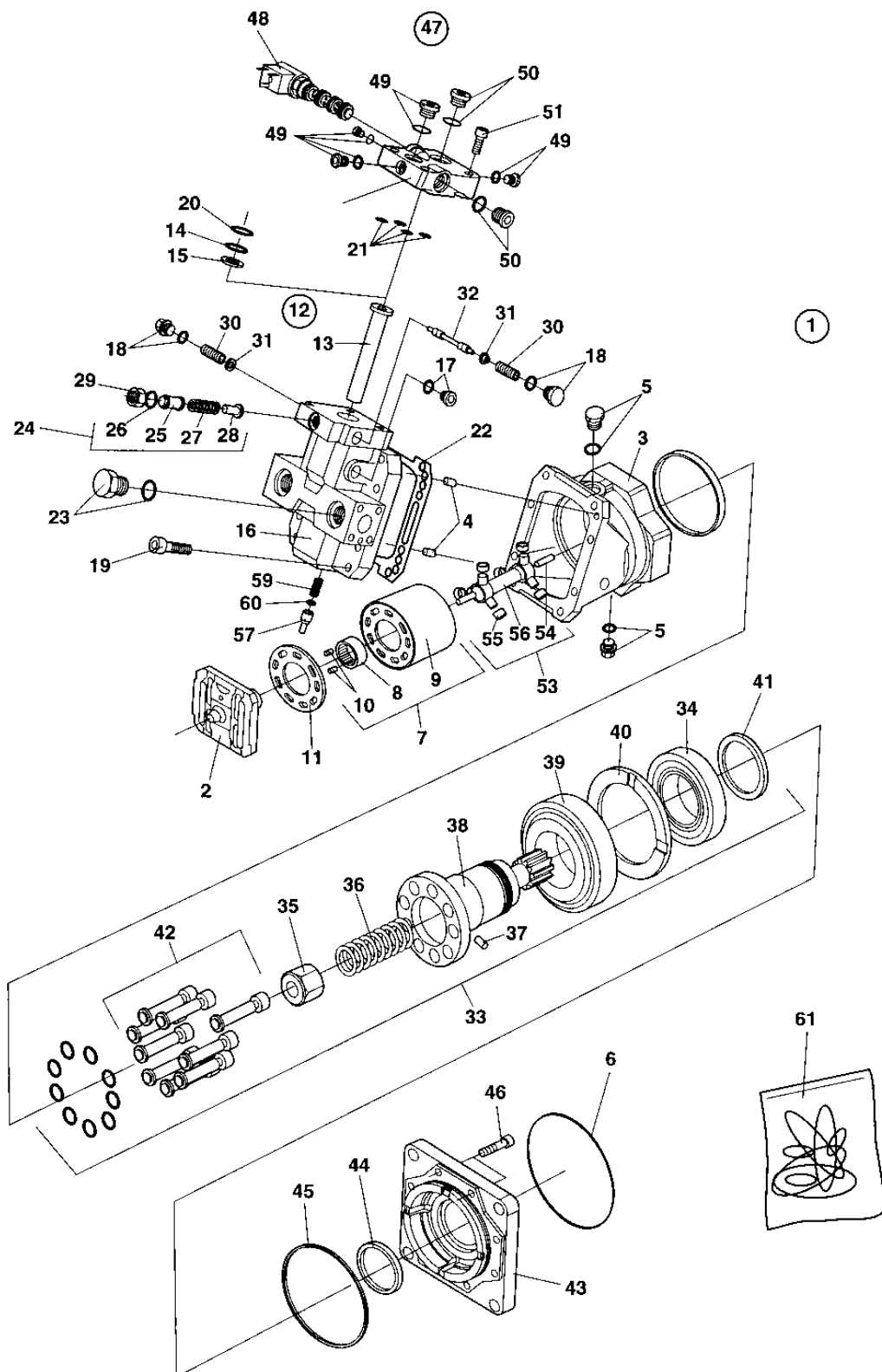
374137 Propulsion motor

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Hydraulic motor, Cpl	D
2	935521		1	.Valve segment	
3	902926		1	.Housing	
4	813822		2	.Pin	
5	902928		2	.Plug	
	901453	1	2	..O-ring	
6	902581	1	1	.O-ring	D
7	902929		1	.Cylinder block	
8			1	..Bush	
9			1	..Cylinder block	
10			2	..Pin	
11	902930		1	.Bearing plate	D
12	935527		1	.Piston assembly	
13	935526		1	..Piston	
14	935525	1	1	..O-ring	D
15	935524	1	1	..Seal plug	D
16	935530		1	.End cap	
17	908432		1	.Plug	
18	935741		2	.Plug, cpl	
19	902944		8	.Screw	
20	935531	1	1	.O-ring	D
21	908443	1	5	.Rect. seal	
22	908427	1	1	.Gasket	D
23	902928		2	.Plug	
	901453	1	2	..O-ring	
24	936589		1	.Loop Flushing assy.	
25			1	..Adjusting screw	
26	926658	1	1	..O-ring	D
27	902957		1	..Spring	
28	901464		1	..Valve cone	D
29	902959		1	..Nut	
30	935749		2	.Spring	
31	935750		2	.Spring retainer	
32	935533		1	.Spool	
33	902960		1	.Shaft, cpl	
34			1	..Bearing	
35			1	..Spring guide	
36			1	..Spring	
37			1	..Pin	
38			1	..Shaft	
39			1	..Bearing	
40			1	..Spacer	
41			1	..Nut	
42	936592		9	..Piston assembly	
43	902961		1	.Flange	
44	935536	1	1	.Seal	D
45	935664	1	1	.O-ring	D
46	936591		8	.Screw	
47	935543		1	.Electric hydraulic control	
48	908435		1	..Solenoid valve assy	
49	908426		4	..Plug, cpl	
50	908432		2	..Plug	
51	935544		4	..Screw	
52	935545		1	..Valve housing	
53	902984		1	.Shaft, cpl	
54			2	..Pin	
55			6	..Roller	
56			1	..Shaft	
57	902996		1	.Cap	
58	936593		2	.Orifice	

1) Includes in Seal kit item 61

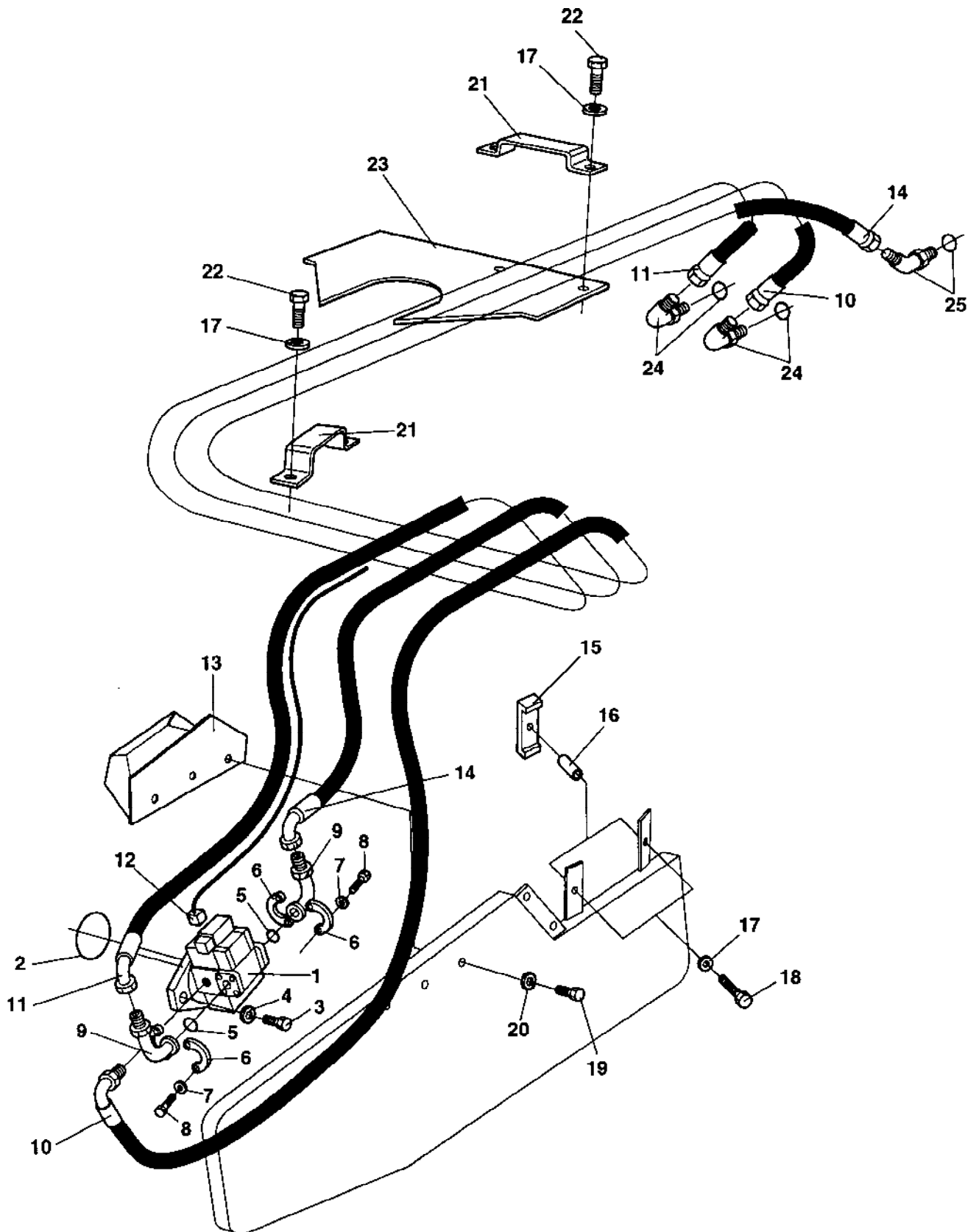
374137 Propulsion motor

16523



374137 Propulsion motor

Ref. No.	Part No.	Rem.	Qty	Description	Code
59	902995		1	.Headless screw	
60	909525	1	1	.Nut	
61	935520		1	Seal kit	D
1)	Includes in Seal kit item 61				

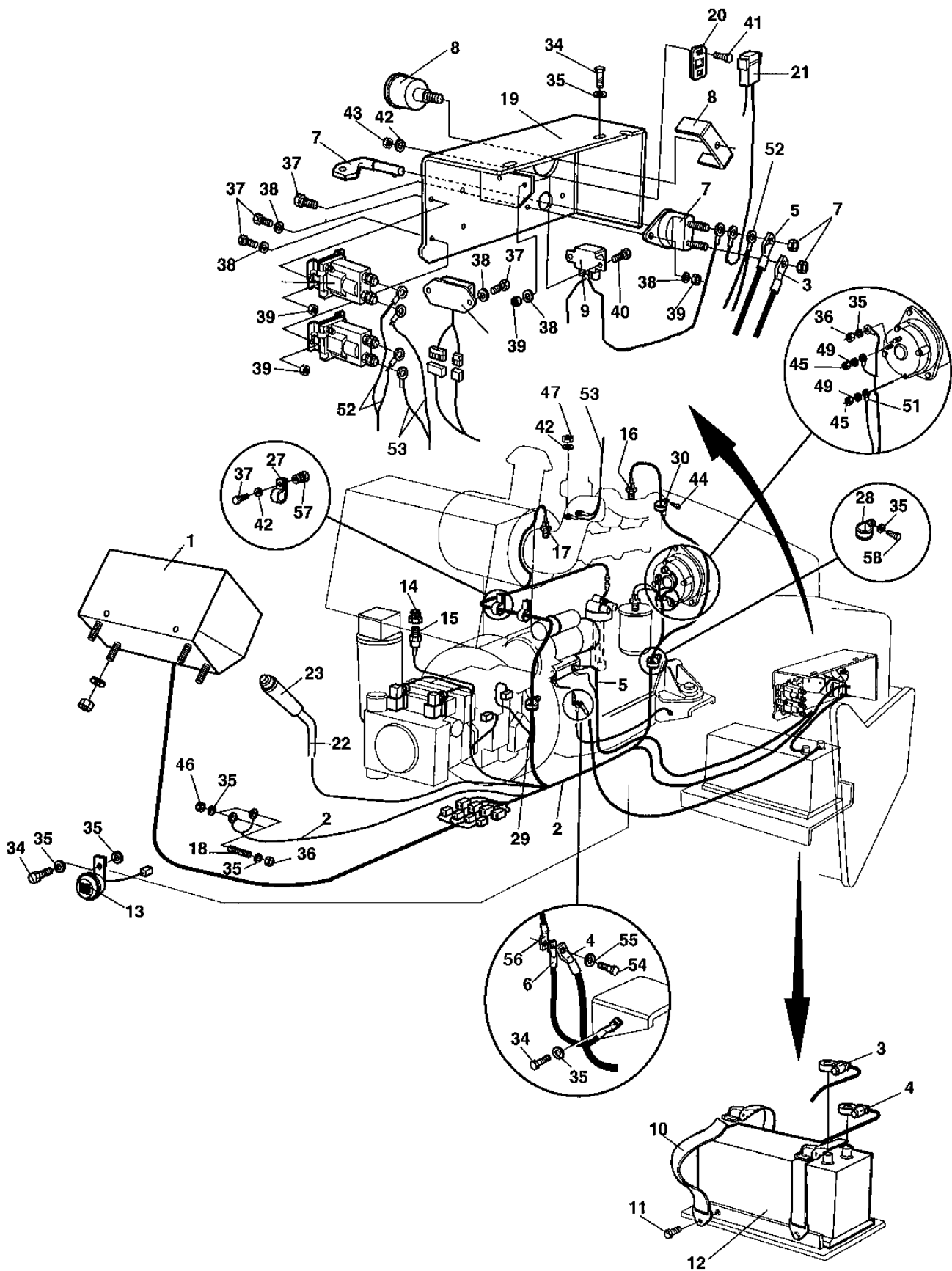


Dual speed drum drive Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	372989		1	Hydraulic motor, dual speed	
2	904058		1	O-ring	
3	500101		2	Screw M20x50	
4	903290		2	Washer 21x36x6	
5	904005		2	O-ring	
6	923384		4	Flange half	
7	904638		8	Washer 12x22x2	
8	502132		8	Screw UNC 7/16" x 22	
9	903750		2	Elbow	
10	483114		1	Hydraulic hose	
11	483115		1	Hydraulic hose	
12	380549		1	Cable harness	
13	374251		1	Protecting cover	
14	483116		1	Hydraulic hose	
15	373270		2	Hose clamp	
16	373423		2	Spacer	
17	904230		6	Washer 10,5x22x2	
18	500032		2	Screw M10 x 55	
19	500077		3	Screw	
20	904230		3	Washer 10,5x22x2	
21	373016		2	Hose clamp	
22	500029		4	Screw M10-1,5x30 8,8	
23	372235		1	Hose guard	
24	813499		2	Elbow 90, O-ring	D
25	334132		1	Elbow 45, O-ring	

Electrical equipment

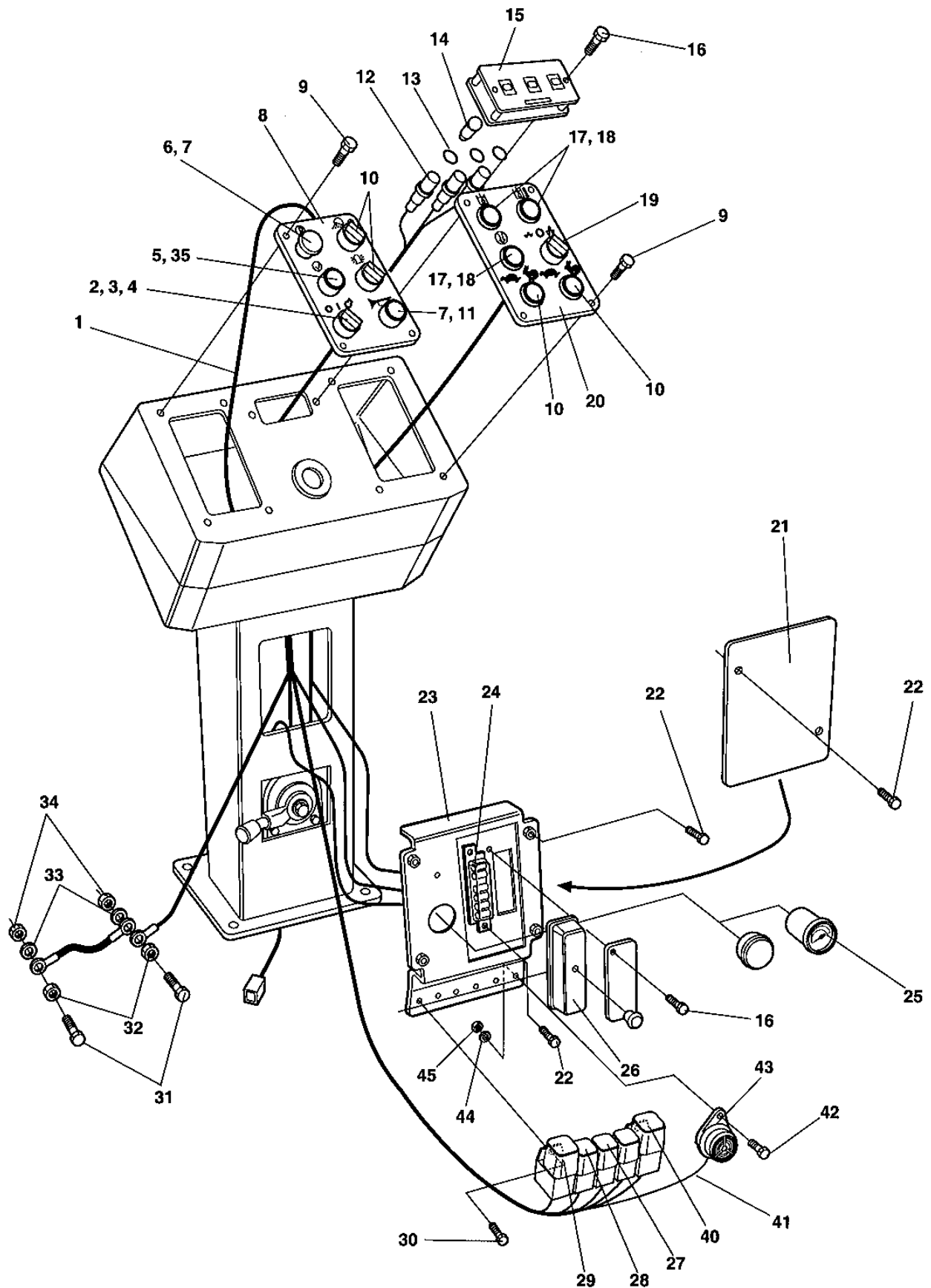
Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Electric system (Page 124)	
20				Control panel (Page 126)	
45				Working lights Option (Page 128)	
70				Rotating beacon Option (Page 130)	
80				Back-up alarm Option (Page 132)	
85				Back-up alarm Option (Page 134)	
90				Compaction meter Option (Page 136)	



Electric system

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Control panel (Page 126)	
2	387417		1	Cable harness	
3	791503		1	Battery cable	
4	903758		1	Battery cable	
5	791598		1	Cable harness	
6	904750		1	Connection cable, coarse	
7	903640		1	Battery switch	D
			1	.Handle	D
			2	.Nut	D
8	801567		1	Hour meter	D
9	904448		1	Relay	D
10	791371		1	Strap	
11	500012		4	Screw M6x12	
12	470020		1	Battery	
13	999027		1	Horn	D
14	813434		1	Reducer	
15	903631		1	Temperature sensor Hydraulic oil	D
16	903632		1	Temperature sensor Engine	D
17	929023		1	Indicator	D
18	903768		2	Threaded stud	
19	386999		1	Holder	
20	904036		1	Fuse holder	
21	904037		1	Fuse 30A	D
22	357583		1	Cable harness	
23		A	1	Handle	
27	921084		2	Pipe clamp	
28	921116		2	Clamp	
29	921099		1	Clamp	
30	921072		1	Clamp	
34	500053		4	Screw M8-1,25x20 8,8	
35	904229		11	Washer 8,4x16x1,5	
36	570005		3	Nut M8	
37	500040		10	Screw M6-1x20 8,8	
38	904639		10	Washer 6,7x14x1,5	
39	902285		8	Lock nut M6	
40	500075		2	Screw M6-1,0x25 8.8	
41	500184		2	Screw M5-0,8x14 8,8	
42	904228		4	Washer 6,4x12x1,5	
43	902284		2	Nut M5	
44	500018		1	Screw M8-1,25x12 8,8	
45	570003		2	Nut M5	
46	902286		2	Lock nut M8	
47	570004		2	Nut M6	
49	904281		2	Washer 5,3x10x1	
51	791924		1	Connection cable	
52	387427		1	Cable harness	
	791477		1	.Fuse holder	
	791479		1	.Fuse, 125A, Orange	
53	387554		1	Cable harness	
54	500035		1	Screw M12x020H	
55	904638		1	Washer 12x22x2	
56	335607		1	Ground cable	
57	372664		2	Reducing nipple	
58	500021		1	Screw M8-1,25x25 8,8	

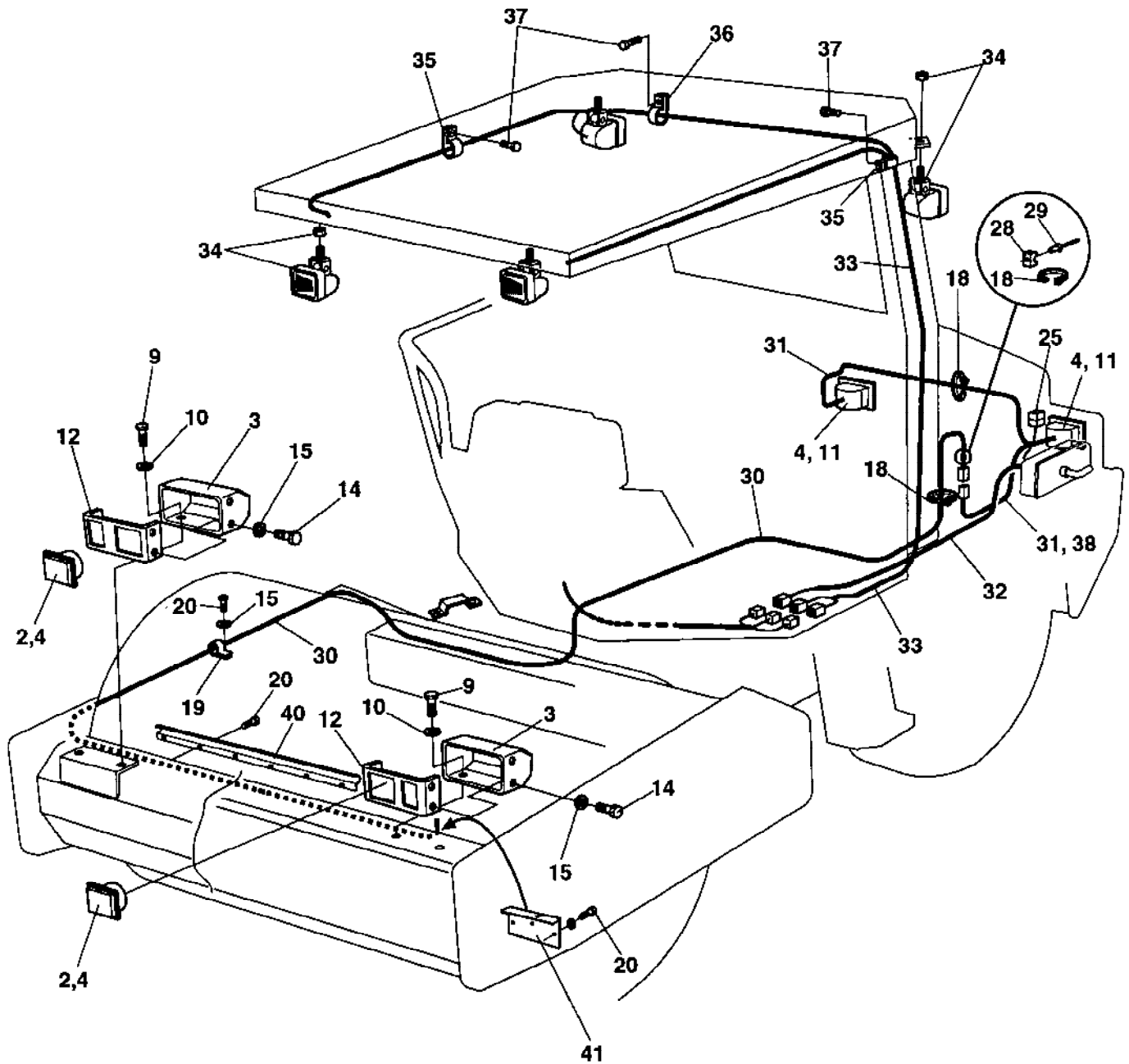
A) See section "Forward and reverse control"



Control panel

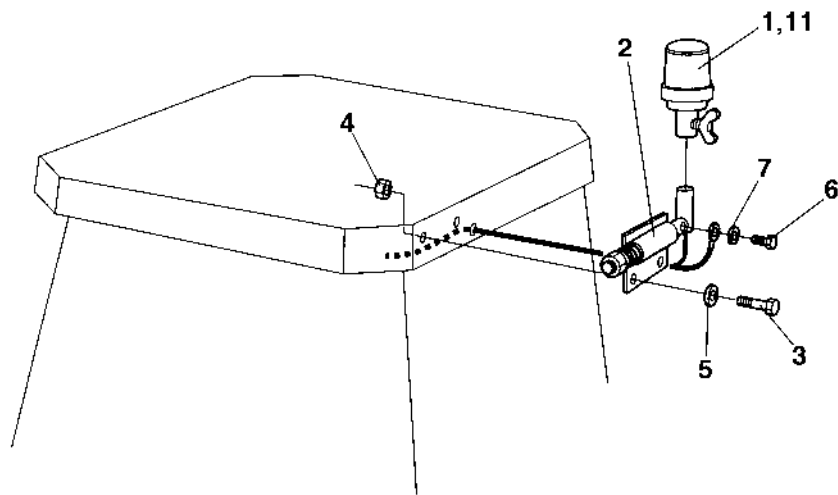
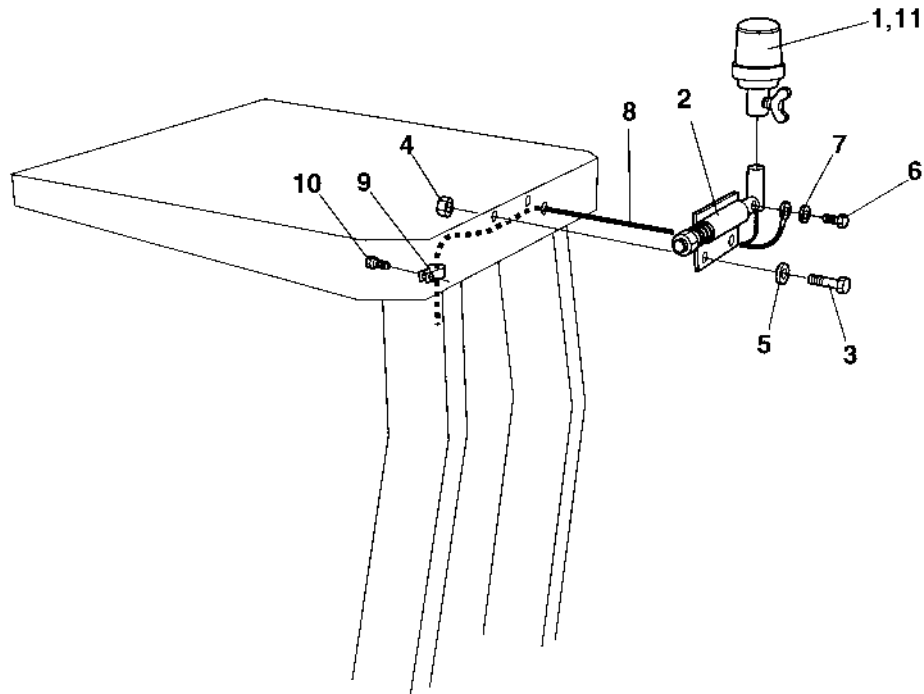
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	387418		1	Cable harness	
2	791489	1	1	Switch	
3	930154		1	Contact piece, NC	
4	930198		1	Contact block	
	903875		1	.Flange with light	
5	932032		1	Push button	
6	930200		1	Emergency stop	
7	930163		6	Contact piece, NO	D
8	380278		1	Control panel left	
9	902224		8	Screw M6x10	
10	911456		4	Hole plug	
11	932032		1	Push button	
12	902225		3	Lamp socket 2-POL	
13	160269		3	O-ring	
14	985125		3	Bulb 12V	B
15	357585		1	Display panel	
16	901767		6	Screw	
17	985146		3	Pilot lamp cpl Red	D
18	985012		3	Bulb	D
19	930153		1	Switch	
20	380277		1	Control panel right	
21	371344		1	Cover	
22	541702		6	Screw M6x12	
23	371326		1	Distribution control plate	
24	901226		4	Fuse 7.5A	
25	355263		1	Fuel gauge	D
26	903820		2	Fuse box	D
	901240		6	Connector	
27	287597		1	Relay	D
28	287598		1	Relay 12V-30A	
29	382782		1	Relay, VBS	D
30	902223		4	Screw	
31	500075		2	Screw M6-1,0x25 8.8	
32	586002		2	Lock nut M6	
33	904228		2	Washer 6,4x12x1,5	
34	570004		2	Nut M6	
35	930163		1	Contact piece, NO	D
40	904846	A	1	Delay relay	
41	387728	A	1	Cable harness	
42	533070	A	1	Screw	
43	355301	A	1	Buzzer	D
44	904281	A	2	Washer 5,3x10x1	
45	586001	A	1	Lock nut M5	

- 1) Ignition, Green
A) Interlock, Option



Working lights Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
2	902227		2	Work light	B
3	374029		2	Lamp shield	
4	901369		4	Bulb 55w H3	
9	500043		6	Screw M10x16H 8,8	
10	904230		6	Washer 10,5x22x2	
11	904314		2	Work lamp	
12	374030		2	Bracket	
14	500040		8	Screw M6-1x20 8,8	
15	904228		13	Washer 6,4x12x1,5	
18	925802		7	Cable ties L=142 mm	
19	921039		8	Pipe clamp	D
20	500012		8	Screw M6x12	
25	904038		1	Fuse 40A	
28	904543		7	Cable tie holder	
29	903436		7	Blind rivet	
30	373184		1	Cable harness	
31	387419		1	Cable harness	
32	373184		1	Cable harness	
33	372758		1	Cable harness	
34	904314		4	Work lamp	
35	921039		10	Pipe clamp	
36	921031		3	Clamp	
37	541702		13	Screw M6x12	
38	921072		1	Clamp	
40	381462		1	Rubber hose	
41	384163		2	Protection	

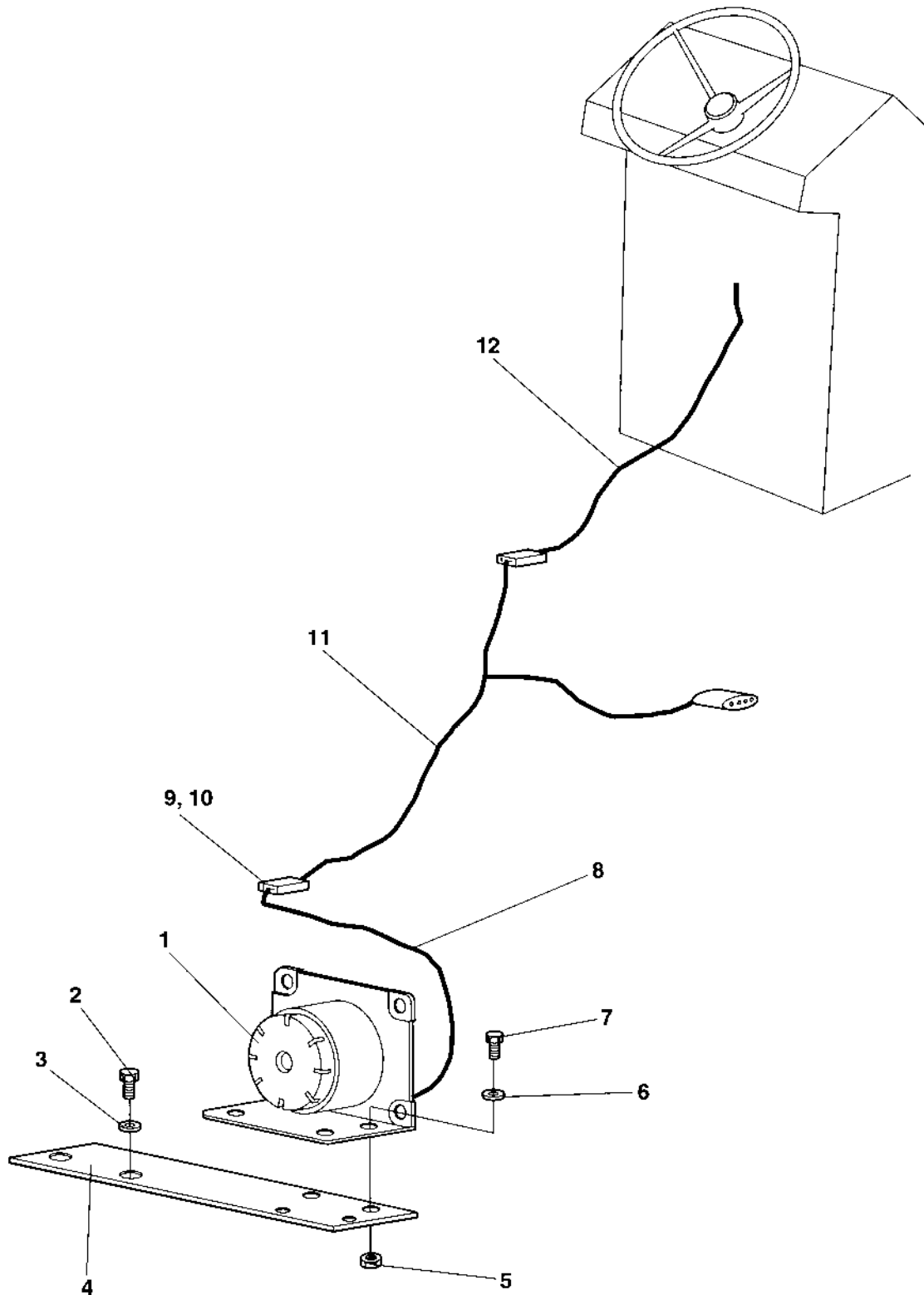


Rotating beacon Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	999011	1	1	Rotating beacon	D
2	358452		1	Lamp holder	
3	500021		2	Screw M8-1,25x25 8,8	
4	586003		2	Lock nut M8	
5	904229		2	Washer 8,4x16x1,5	
6	500013		1	Screw M6-1x16 8,8	
7	904228		1	Washer 6,4x12x1,5	
8	374398		1	Cable harness	
9	921039		1	Pipe clamp	
10	541702		1	Screw M6x12	
11	389577	2	1	Rotating beacon	D

1) Is replaced by item 11, P/N 389577

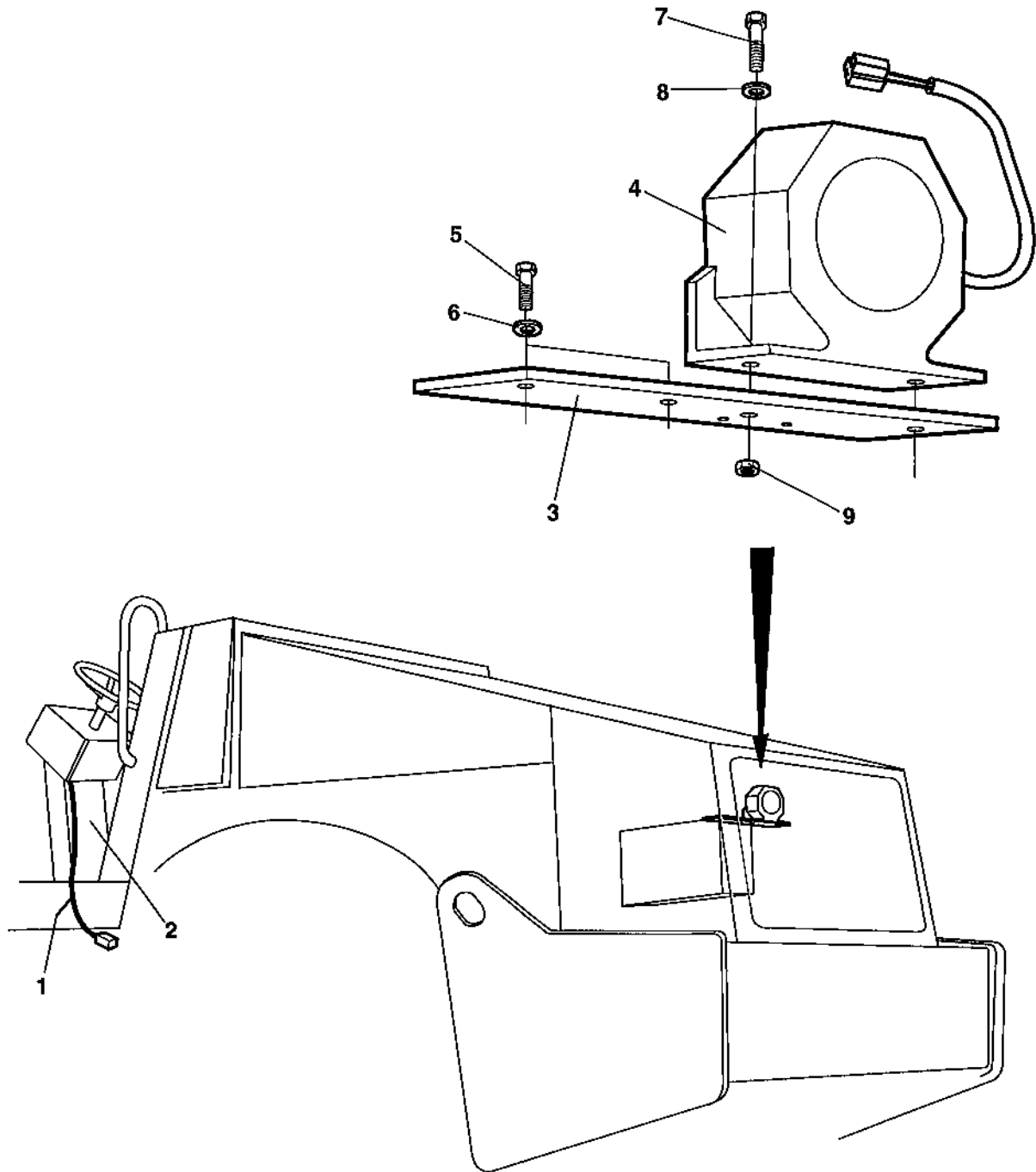
2) Replaces item 1, P/N 999011



Back-up alarm Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	900798		1	Buzzer	
2	500053		2	Screw M8-1,25x20 8,8	
3	904229		2	Washer 8,4x16x1,5	
4	380800		1	Bracket	
5	586001		2	Lock nut M5	
6	904281		2	Washer 5,3x10x1	
7	500006		2	Screw M5x16	
8	244002	A	1	Plastic hose	
9	901766		1	Connector 2-POL	D
10	903897		2	Push-on terminal male	
11	380799		1	Cable harness	
12	380798		1	Cable harness	

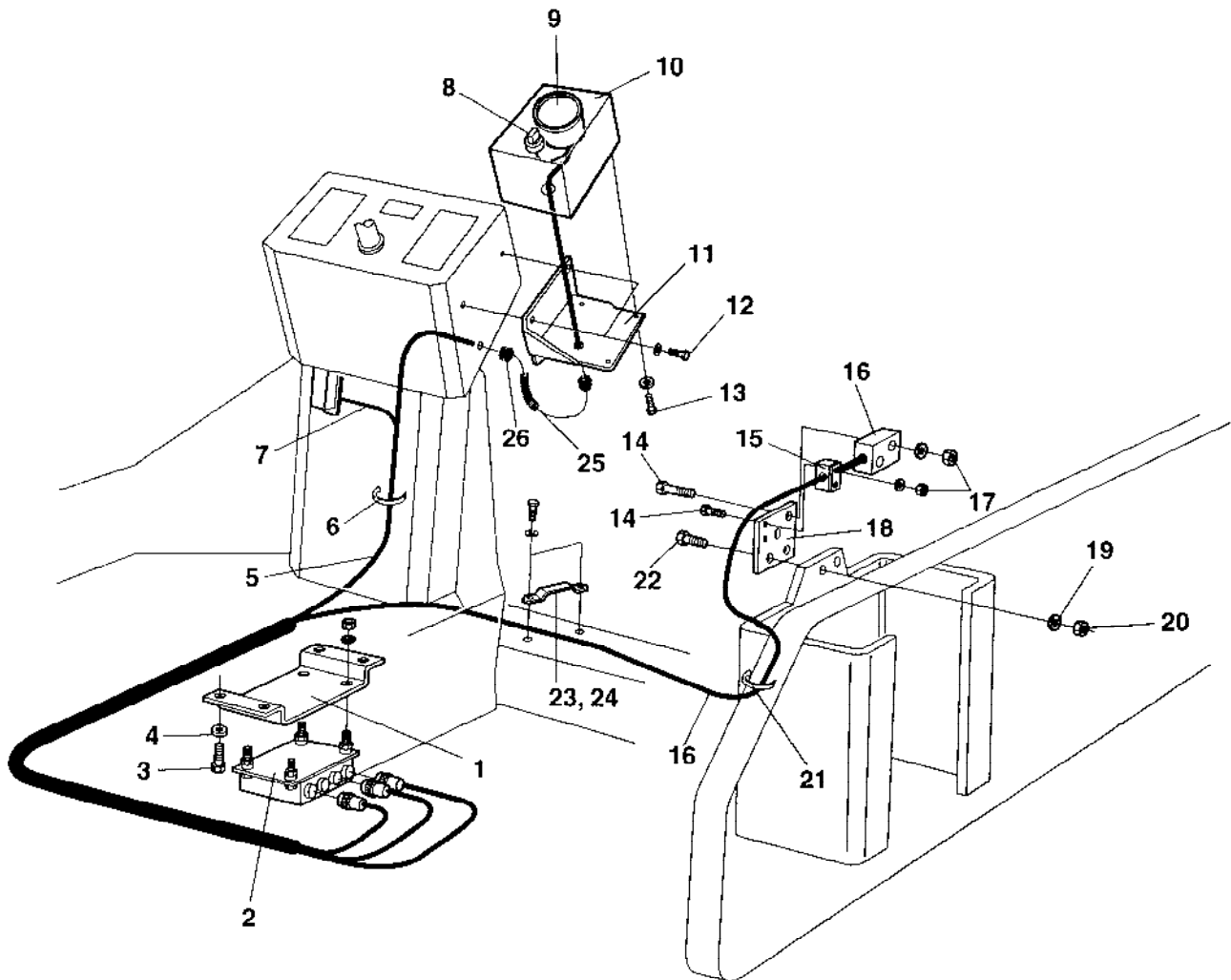
A) L=150 mm



Back-up alarm Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380798	A	1	Cable harness	D
2	901224	B	1	Fuse 3A	
3	377071		1	Bracket	
4	904910		1	Back-up alarm	
5	500053		2	Screw M8-1,25x20 8,8	
6	904229		2	Washer 8,4x16x1,5	
7	500040		2	Screw M6-1x20 8,8	
8	904228		2	Washer 6,4x12x1,5	
9	586002		2	Lock nut M6	

- A) Is connected to the main wiring harness.
B) Located in the fusebox on the control panel.



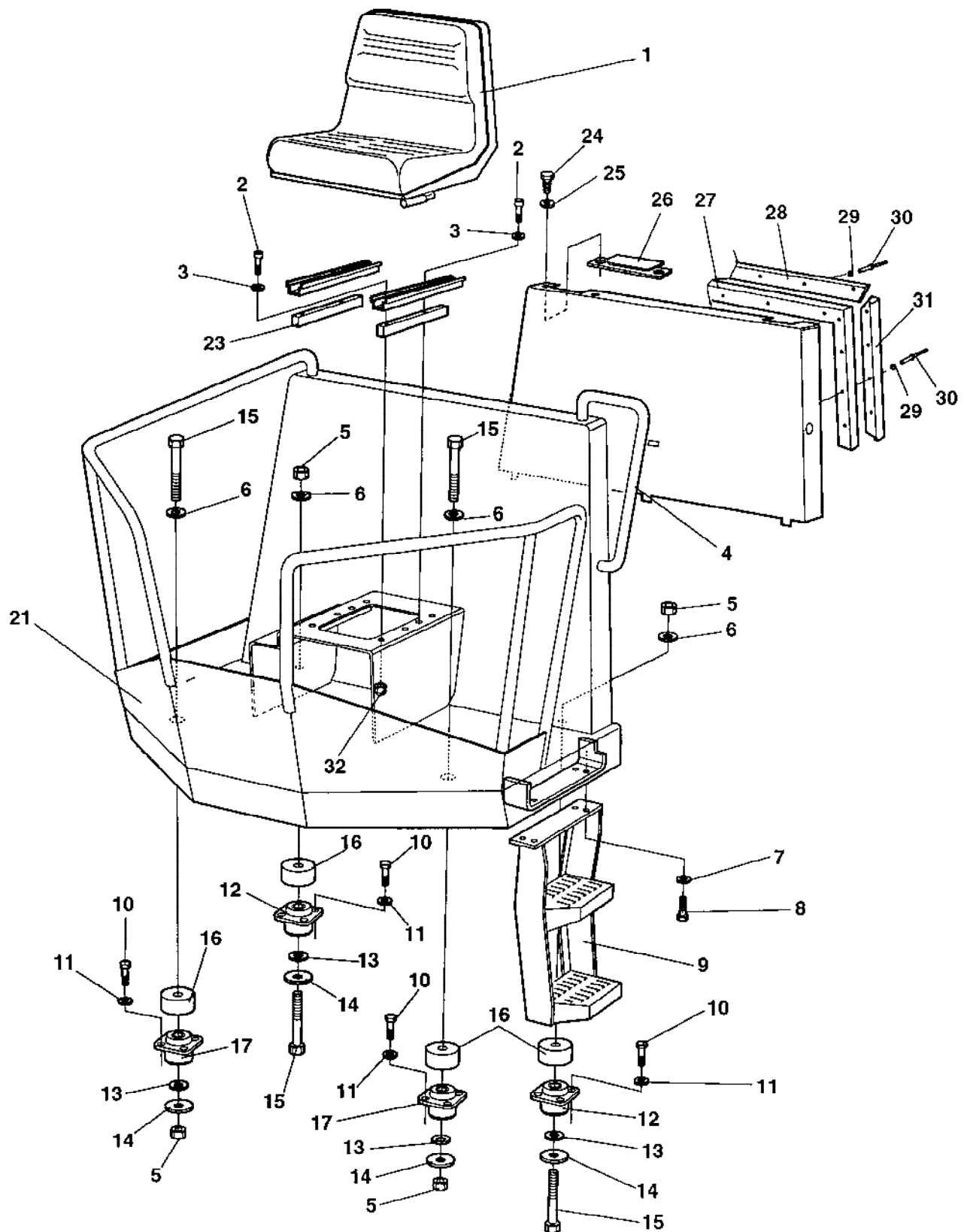
Compaction meter Option

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	372836		1	Bracket	
2	372008		1	Processor comp.meter	
3	500053		4	Screw M8-1,25x20 8,8	
4	904229		4	Washer 8,4x16x1,5	
5	372784		1	Cable harness	
6	313102		N	Cable ties	
7	381351		1	Cable harness	
8	930151		1	Switch	D
9	383452		1	Compaction meter	
10	373096		1	Instrument box	
11	383326		1	Bracket	
12	904206		3	Screw	
13	541526		4	Screw	
14	500079		4	Screw M6-1x50 8,8	
15	902496		1	Clamp	
16	348213		1	Sensor, cpl	
17	902285		7	Lock nut M6	
18	373140		1	Bracket	
19	904231		2	Washer 13x24x2	
20	902288		2	Nut M12	
21	313041		N	Cable ties L=186 mm	
22	500194		2	Screw M12x40H 8.8	
23	373016		1	Hose clamp	
24	349435		1	Rubber part	
25	901190	A	1	Conduit	
26	903192		2	Grommet	

A) L=230mm

Drivers platform

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Drivers platform (Page 140)	
20				Control panel (Page 142)	
30				Throttle controls (Page 144)	
40				Forward and reverse control (Page 146)	
50				Steering column, cpl (Page 148)	
110				Rops and fops (Page 150)	
120				Cab mounting (Page 152)	
130				Cab Screens (Page 154)	
140				Cab, door, left side (Page 158)	
150				Cab Interior rear mirror (Page 160)	
160				Cab Exterior, rear mirror (Page 162)	
170				Wiper arm with blade, front (Page 164)	
180				Cab Work light (Page 166)	
190				Cab Electric (Page 168)	



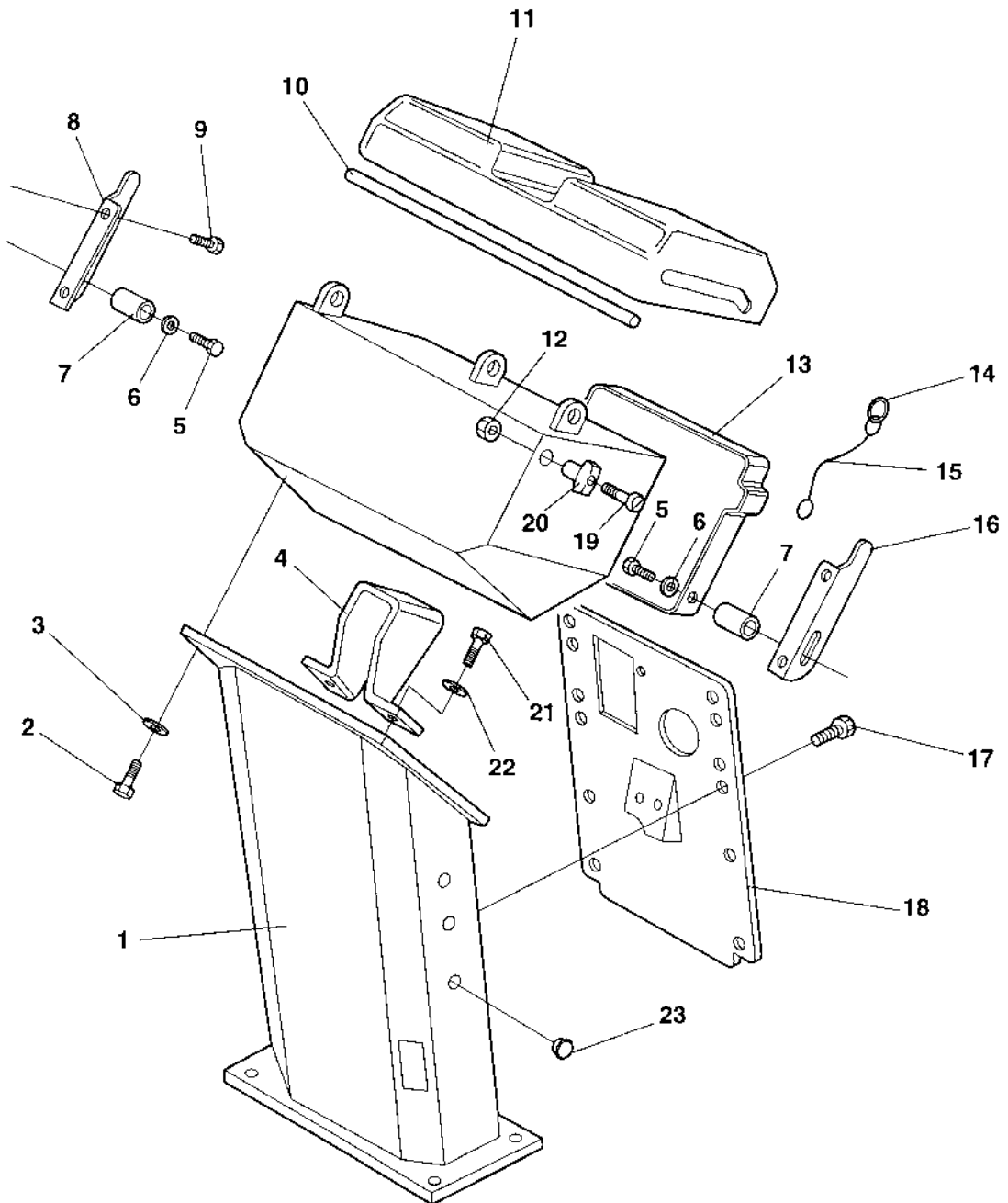
Drivers platform

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380208		1	Drivers seat	
	348331		1	Seat cover	D
	370234	A	1	Drivers seat	
	936283		1	.Seat switch	D
	380889		1	.Cable harness	
	909535	B,C	1	.Sliding rail	D
	909536	D	1	.Sliding rail	D
2	508006		4	Screw	
3	904229		4	Washer 8,4x16x1,5	
4	380123		1	Grab handle	
5	901145		4	Lock nut M20-10	
6	904233		4	Washer 21x36x3	
7	904230		8	Washer 10,5x22x2	
8	500029		4	Screw M10-1,5x30 8,8	
9	376252		1	Step	
10	500111		16	Screw M12x55 8,8	
11	904231		16	Washer 13x24x2	
12	372757		2	Shock absorber	D
13	903290		4	Washer 21x36x6	
14	347512		4	Washer	
15	500226		4	Screw M20-2.5x180 8,8	
16	374471		4	Spacer	
17	373400		2	Shock absorber	D
21	380113		1	Platform	
23	382397		2	Spacer	
24	500053		4	Screw M8-1,25x20 8,8	
25	904229		8	Washer 8,4x16x1,5	
26	380727		2	Cover	
27	372494	E	1	Rubber strip	
28	372785		1	List	
29	927974		13	Washer	
30	904433		13	Blind rivet	
31	382582		2	List	
32	902286		2	Lock nut M8	

- A) Option
 B) With handle
 C) Left
 D) Right
 E) L=2,4 M

Control panel

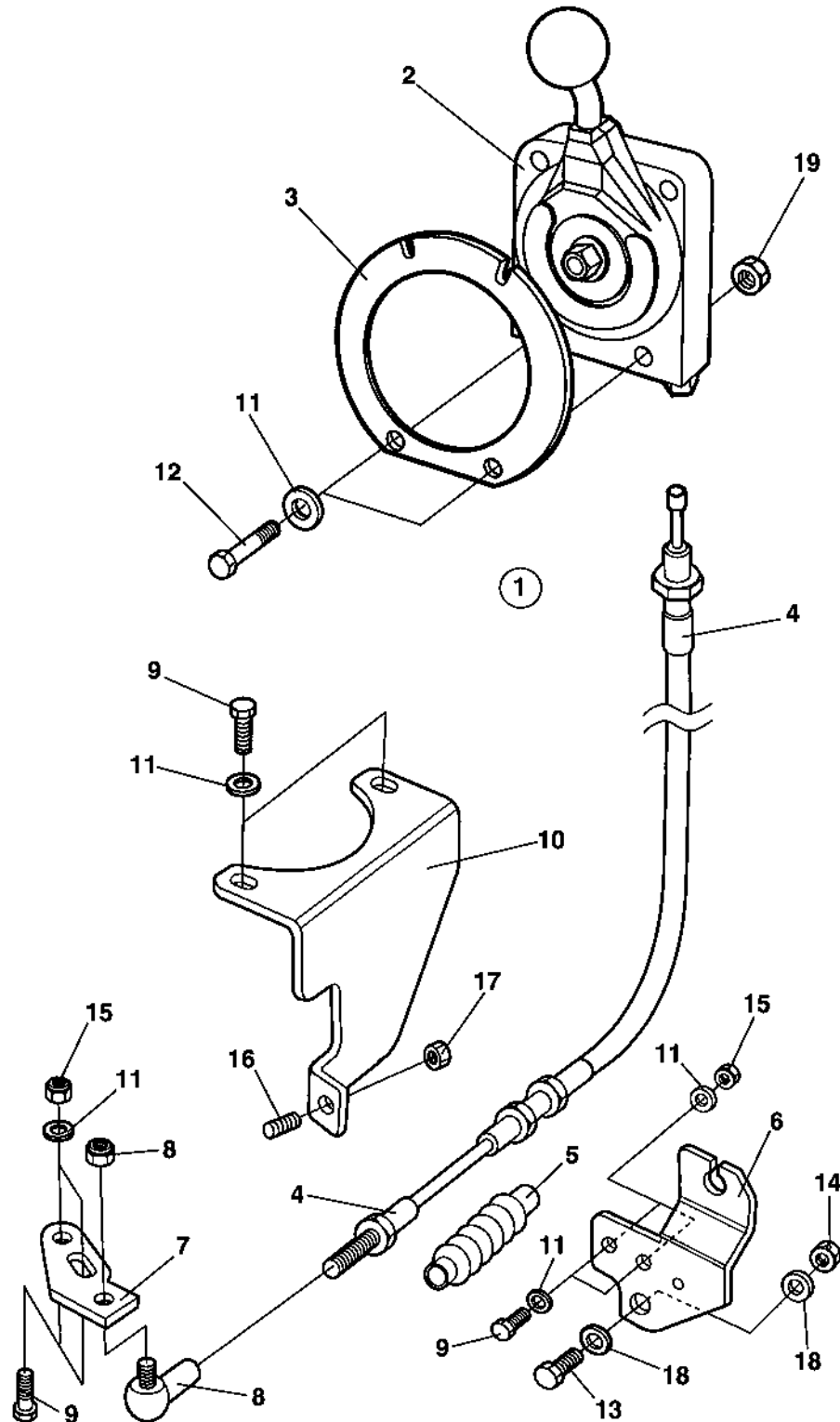
17263



Control panel

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	358142		1	Control panel	
2	500040		4	Screw M6-1x20 8,8	
3	904228		4	Washer 6,4x12x1,5	
4	357316		1	Bracket	
5	902164		2	Screw	
6	929602		4	Washer	
7	902163		2	Parallel pin	
8	357427		1	Cover holder	
9	901767		4	Screw	
10	902379	A	1	Edge trim	
11	357424		1	Cover	
	358881		1	Pad lock	
12	586002		2	Lock nut M6	
13	357425		1	Instruction book holder	
14	358254		1	Key-ring	
15	357643		1	Wire	
16	357426		1	Cover holder	
17	541702		8	Screw M6x12	
18	358143		1	Cover	
19	924875		2	Screw M6x35	
20	357855		2	Bushing	
21	500021		4	Screw M8-1,25x25 8,8	
22	904640		4	Washer 8,4x22x3	
23	902919		4	Plug	

A) L=350 mm



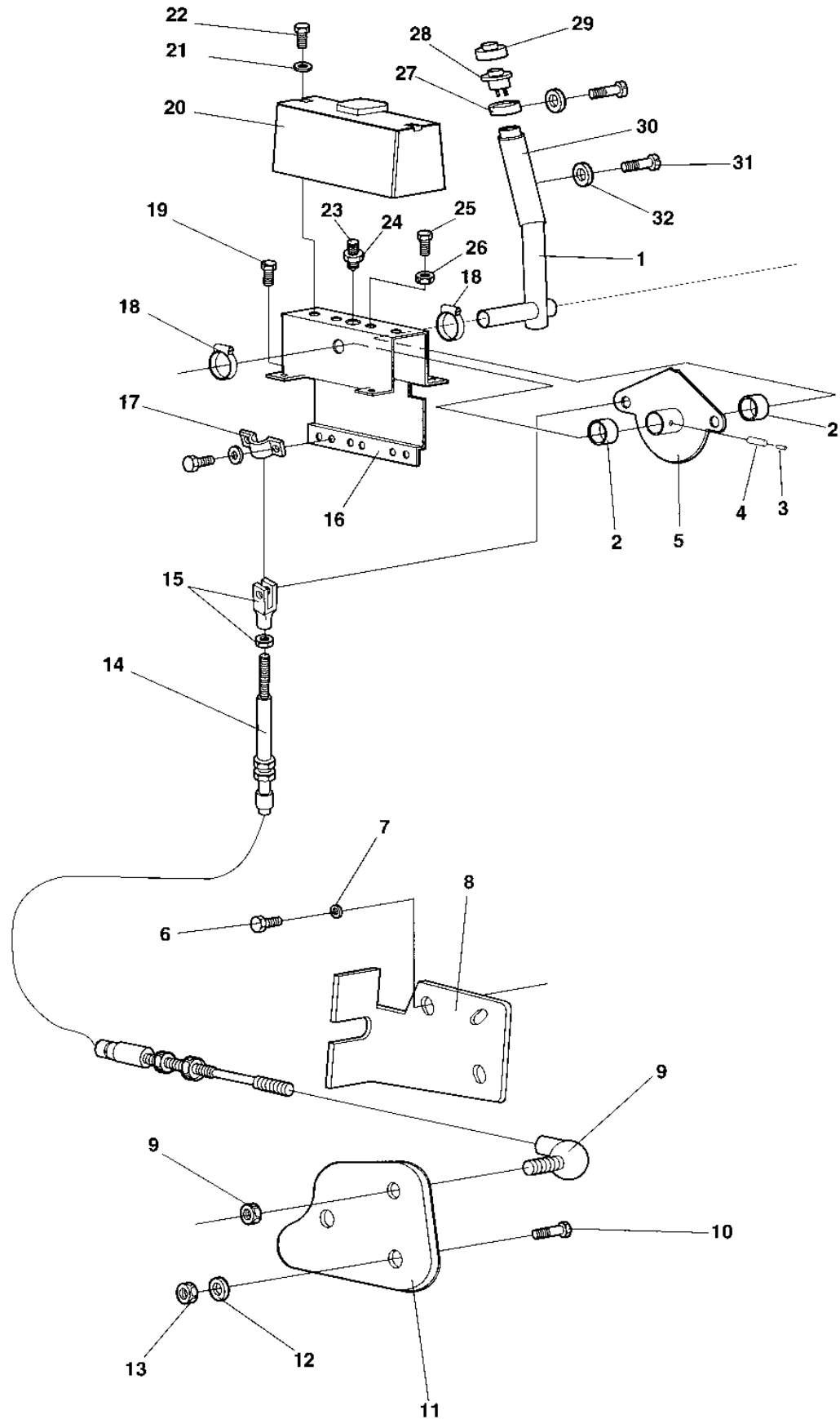
Throttle controls

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	389170		1	Throttle control, cpl	
2	389175		1	.Control	
3	389177		1	.Snap plate	
4	389184	A	1	.Throttle cable	D
5	382349		1	.Bellows	
6	386768		1	Bracket	
7	387633		1	Control lever	
8	416034		1	Ball joint	D
9	500040		6	Screw M6-1x20 8,8	
10	388203		1	Bracket	
11	904228		10	Washer 6,4x12x1,5	
12	500015		2	Screw M6-1x30 8,8	
13	947680		1	Screw M8-1,25x25 10.9	
14	570005		1	Nut M8	
15	570004		4	Nut M6	
16	923874		1	Screw M8x25	
17	573008		1	Nut M8	
18	904229		2	Washer 8,4x16x1,5	
19	902285		2	Lock nut M6	

A) L=3040MM

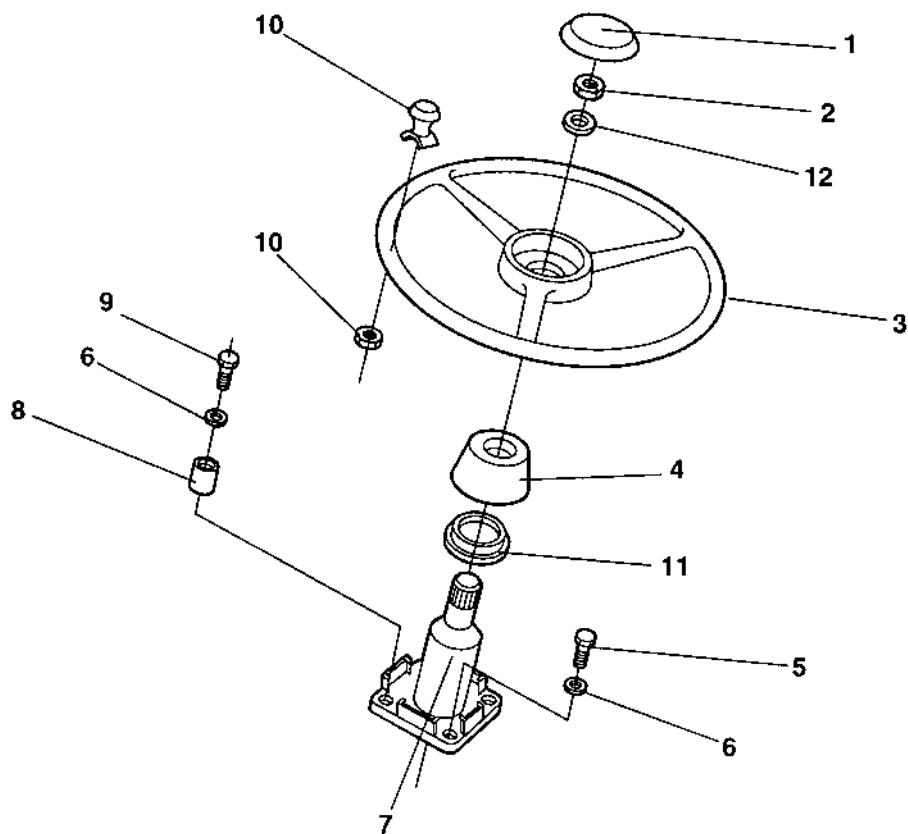
Forward and reverse control

16947



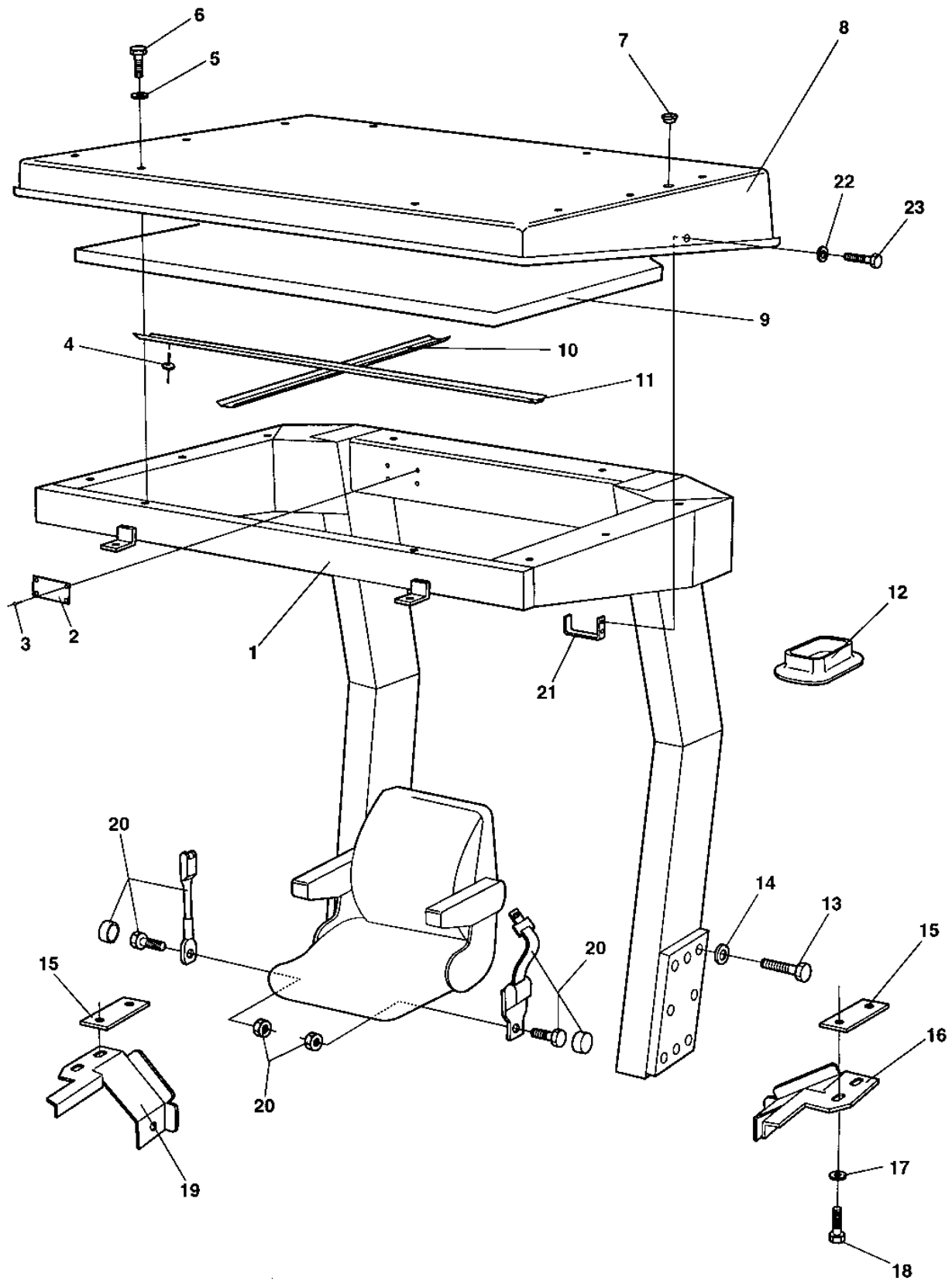
Forward and reverse control

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	357501		1	Control lever	
2	902187		2	Bearing	
3	903395		1	Spirol pin	
4	629016		1	Expanding	
5	902895		1	Cam disc	
6	904812		3	Screw M6x65	
7	904228		3	Washer 6,4x12x1,5	
8	381777		1	Control bracket	
9	416034		1	Ball joint	D
10	500021		2	Screw M8-1,25x25 8,8	
11	380366		1	Control bracket	
12	904229		2	Washer 8,4x16x1,5	
13	586003		2	Lock nut M8	
14	902191		1	Control cable	D
15	416004		1	Fork	
16	902896		1	Framing	
17	902189		1	Bracket	
18	313035		2	Hose clamp	
19	541703		4	Screw M6x16	
20	357494		1	Cover	
21	904228		2	Washer 6,4x12x1,5	
22	500013		2	Screw M6-1x16 8,8	
23	922325		1	Spring ball plunger	D
24	573004		1	Nut	
25	533038		2	Screw	
26	570004		2	Nut M6	
27	285911		1	Bushing	D
28	928497		1	Push button	D
29	348481		1	Cover	D
30	285909		1	Grab handle	D
31	533001		3	Screw	
32	904697		3	Washer 3,2x6x0,5	



Steering column, cpl

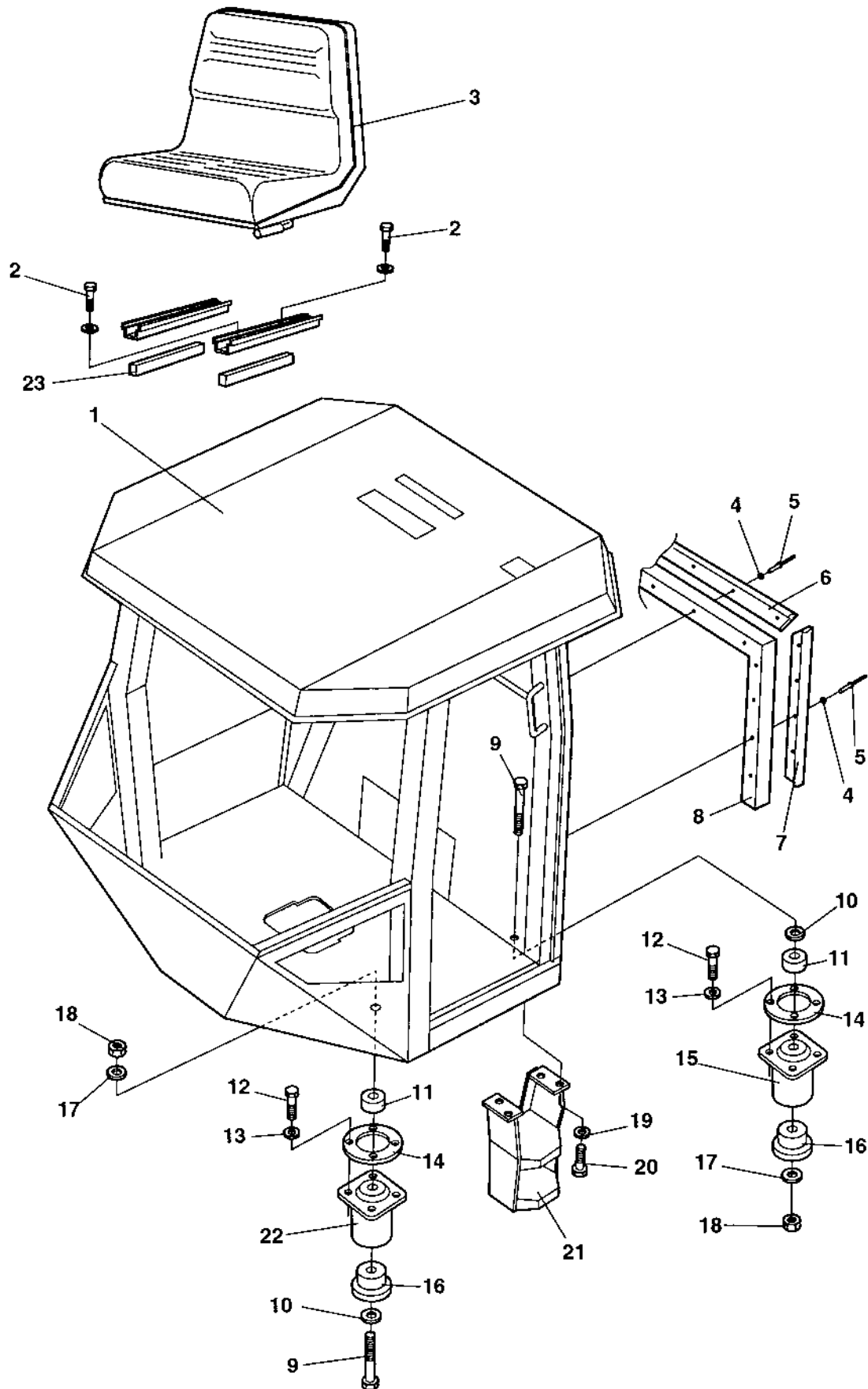
Ref. No.	Part No.	Rem.	Qty	Description	Code
1	902186		1	Cover plate	
2			1	Nut	
3	902183		1	Steering wheel	
4	902185		1	Insert adapter	
5	500048		2	Screw M10-1,5x20 8,8	
6	904230		4	Washer 10,5x22x2	
7	902123		1	Steering column	
8	355869		2	Spacer sleeve	
9	500030		2	Screw M10-1,5x35H 8,8	
10	902184		1	Turning knob	D
11	928830		1	Rubber washer	
12	904793		1	Washer 19x34x3	



Rops and fops

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	372743		1	Rops	
2	370803		1	.Sign, rops	
3	624016		4	.Blind rivet	
4	904619		12	Blind rivet	
5	603009		10	Washer	
6	500230		10	Screw M8-1.25x35	
7	904180		4	Plug	
8	372745		1	Fops roof	
	370792		1	.Sign, fops	
	624016		4	.Blind rivet	
9	372678		1	Absorbent	
10	376489		1	Absorbent holder	
11	376488		1	Absorbent holder	
12	372489		2	Rubber seal	
13	904562		12	Screw	
14	904234		12	Washer 25x45x4	
15	381330		2	Holder	
16	381353		1	Holder plate	
17	904640		8	Washer 8,4x22x3	
18	500022		8	Screw M8-1,25x30 8,8	
19	381352		1	Holder plate	
20	370766		1	Safety belt	
	383200	A	1	Safety belt 3"	
21	383225		2	Hook	
22	904734		4	Washer 8,4x26x4	
23	500100		4	Screw	

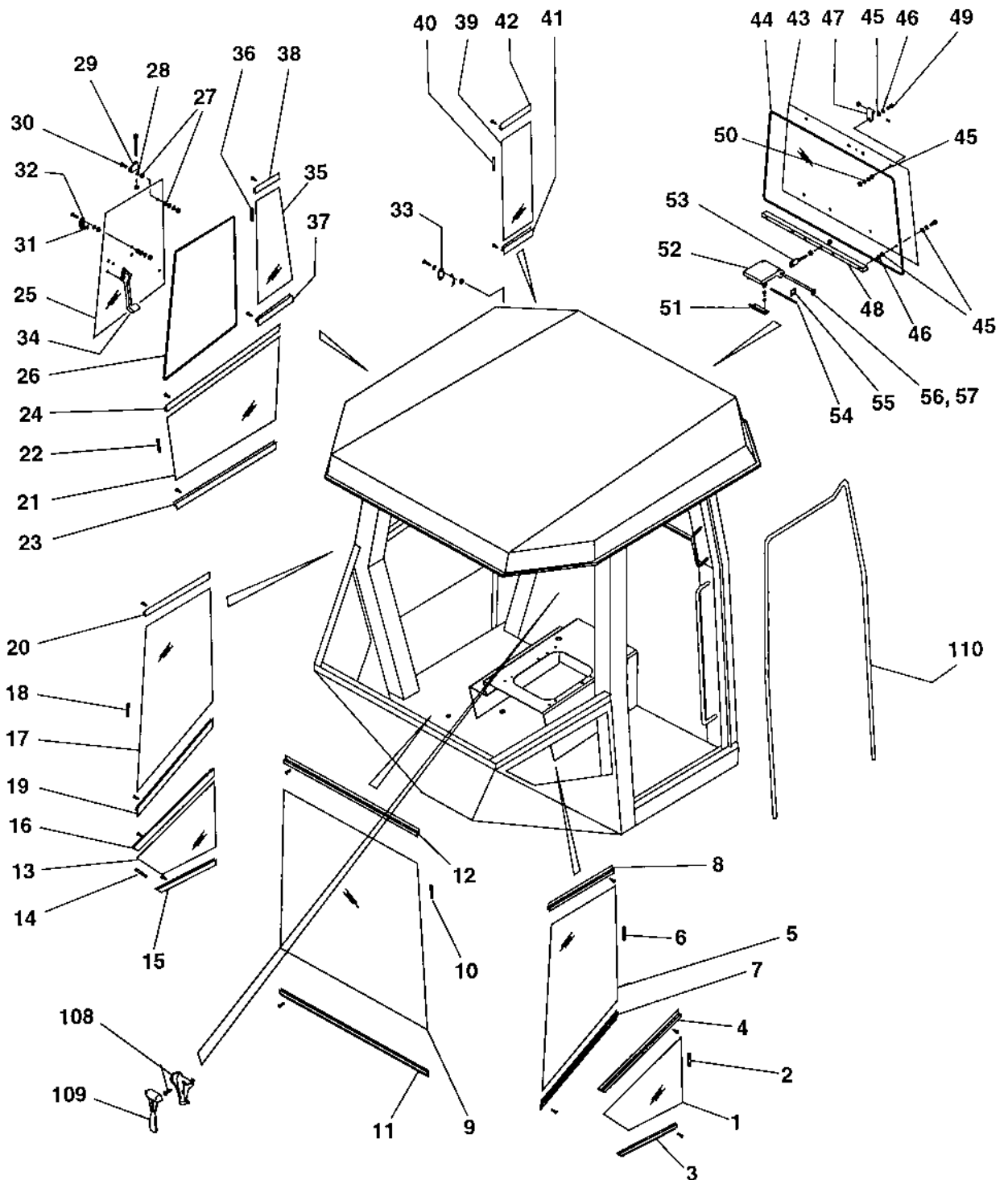
A) Option 3"



Cab mounting

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	380656		1	Cab	
2	508005	H	4	Screw	
	508059	I	4	Screw M8x65	
3	380208		1	Drivers seat	
	370234	D	1	Drivers seat	
	936283		1	.Seat switch	D
	380889		1	.Cable harness	
	909535	E,F	1	.Sliding rail	D
	909536	G	1	.Sliding rail	D
4	927974		13	Washer	
5	904433		13	Blind rivet	
6	372785		1	List	
7	382582		2	List	
8	372494	A	N	Rubber strip	
9	903905		4	Screw	
10	904233		4	Washer 21x36x3	
11	370258		4	Spacer washer	
12	500121		16	Screw M12x65 8,8	
13	904231		16	Washer 13x24x2	
14	359998		4	Back-up ring	
15	374606	B	2	Shock absorber Green	D
16	372457		4	Back-up ring	
17	903290		4	Washer 21x36x6	
18	901145		4	Lock nut M20-10	
19	904230		4	Washer 10,5x22x2	
20	500029		4	Screw M10-1,5x30 8,8	
21	376252		1	Step	
22	374607	C	2	Shock absorber Yellow	D
23	382397		2	Spacer	

- A) L=2400 mm
- B) Rear
- C) Front
- D) Option
- E) With handle
- F) Left
- G) Right
- H) Without Ref. 23
- I) With Ref. 23



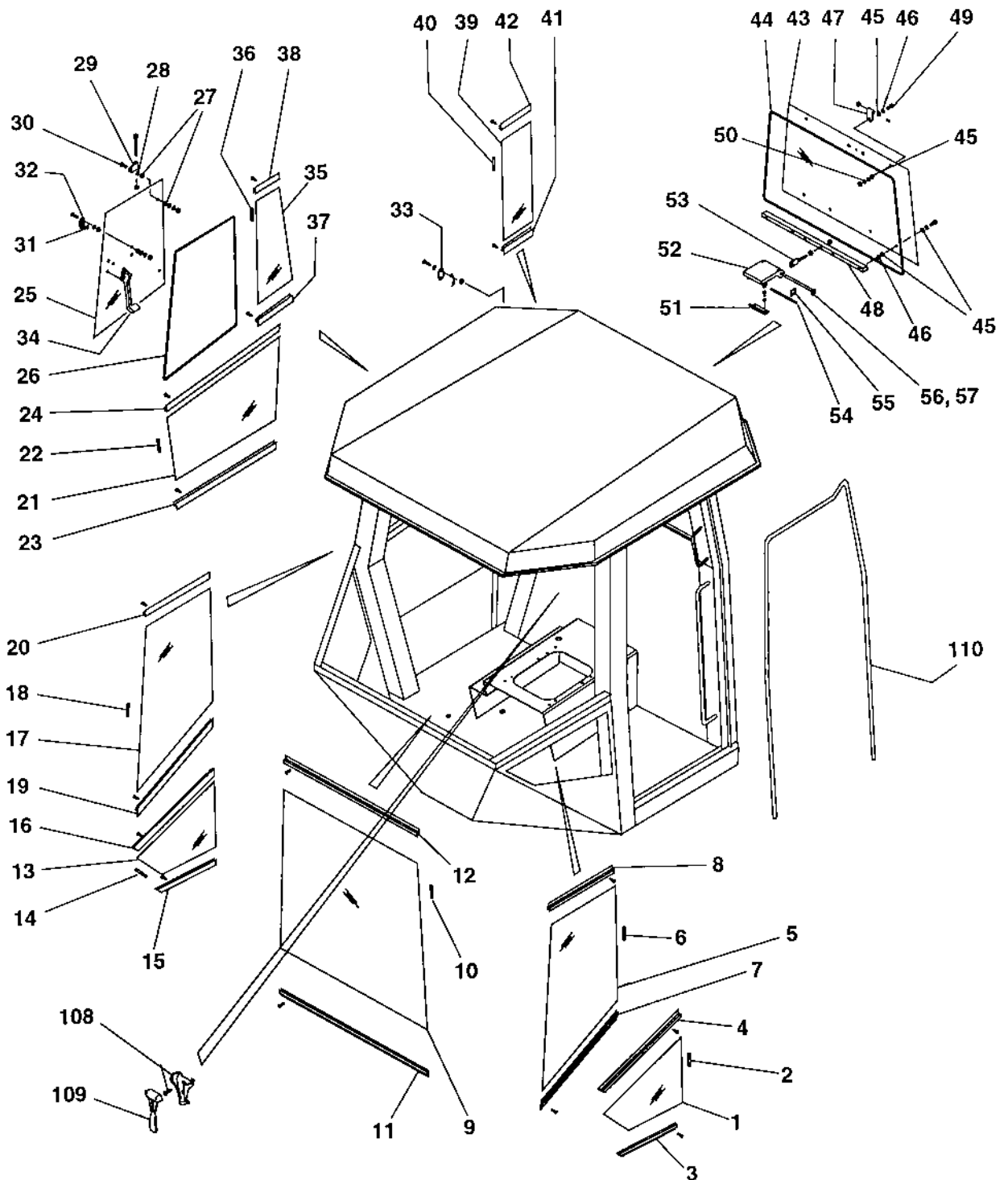
Cab Screens

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	937380		1	Screen	
2	908545		XL	Seal list	
3	935278		1	List	
4	935279		1	List	
5	937381		1	Screen, left	
6	908545		XL	Seal list	
7	935280		1	List	
8	935281		1	List	
9	937382		1	Screen	
10	908545	B	1	Seal list	
11	935282		1	List	
12	935283		1	List	
13	937383		1	Screen	
14	908545		XL	Seal list	
15	935284		1	List	
16	935285		1	List	
17	937384		1	Screen	
18	908545	A	1	Seal list	
19	935286		1	List	
20	935287		1	List	
21	937385		1	Screen	
22	908545	A	1	Seal list	
23	935288		1	List	
24	935289		1	List	
25	937386		1	Screen	
26	908499	B	1	Rubber list	
27	935271		8	Washer, Flexible	
28	935272		8	Washer, Black	
29	935273		2	Hinge	
30	935274		2	Screw	
31	935275		1	Rubber washer	
32	935276		1	Bracket	
33	935277		1	Lock pin	
34	935290		1	Window lock, right	
35	937387		1	Screen	
36	908545	A	1	Seal list	
37	935291		1	List	
38	935292		1	List	
39	937388	A	1	Screen	
40	908545	A	1	Seal list	
41	935293		1	List	
42	935294		1	List	
43	937389		1	Screen	
44	908499	C	1	Rubber list	
45	935271		12	Washer, Flexible	
46	935272		12	Washer, Black	
47	935273		2	Hinge	
48	935295		1	Screen holder	
49	935274		6	Screw	
50	935296		2	Washer	
51	935297		1	Bracket	
52	935298		2	Bracket	
53	935299		1	Bolt	
54	935300		1	Shaft	
55	935301		2	Lock	
56	935302		1	Rod	
57	935303		1	Ring	

A) L=1 m

B) L=2 m

C) L=3 m

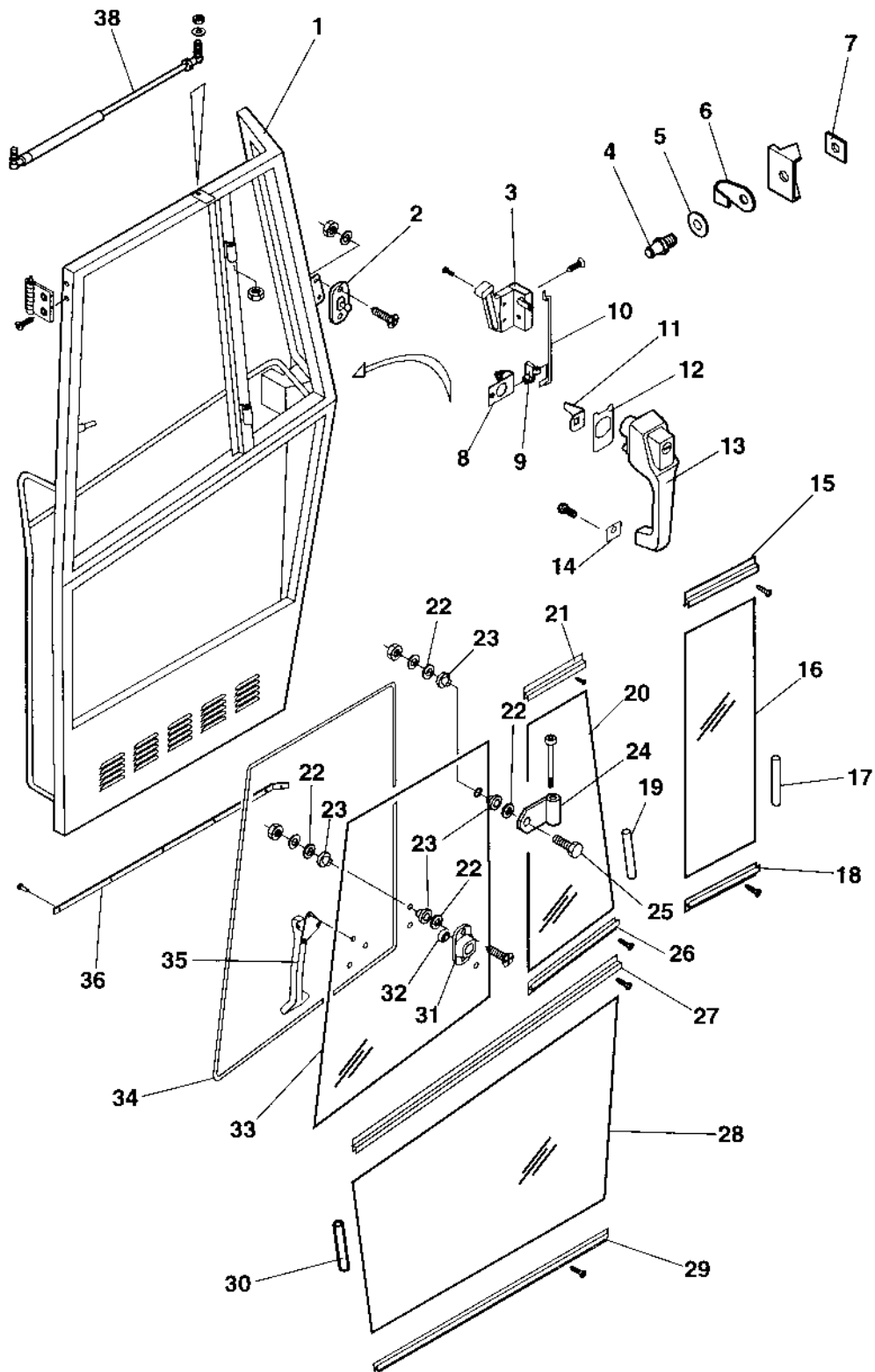


Cab Screens

Ref. No.	Part No.	Rem.	Qty	Description	Code
108	908506		1	Holder	
109	908507		1	Emergency hammer	
110	908499	D	1	Rubber list	
D)	L=5 m				

Cab, door, left side

16967-1



Cab, door, left side

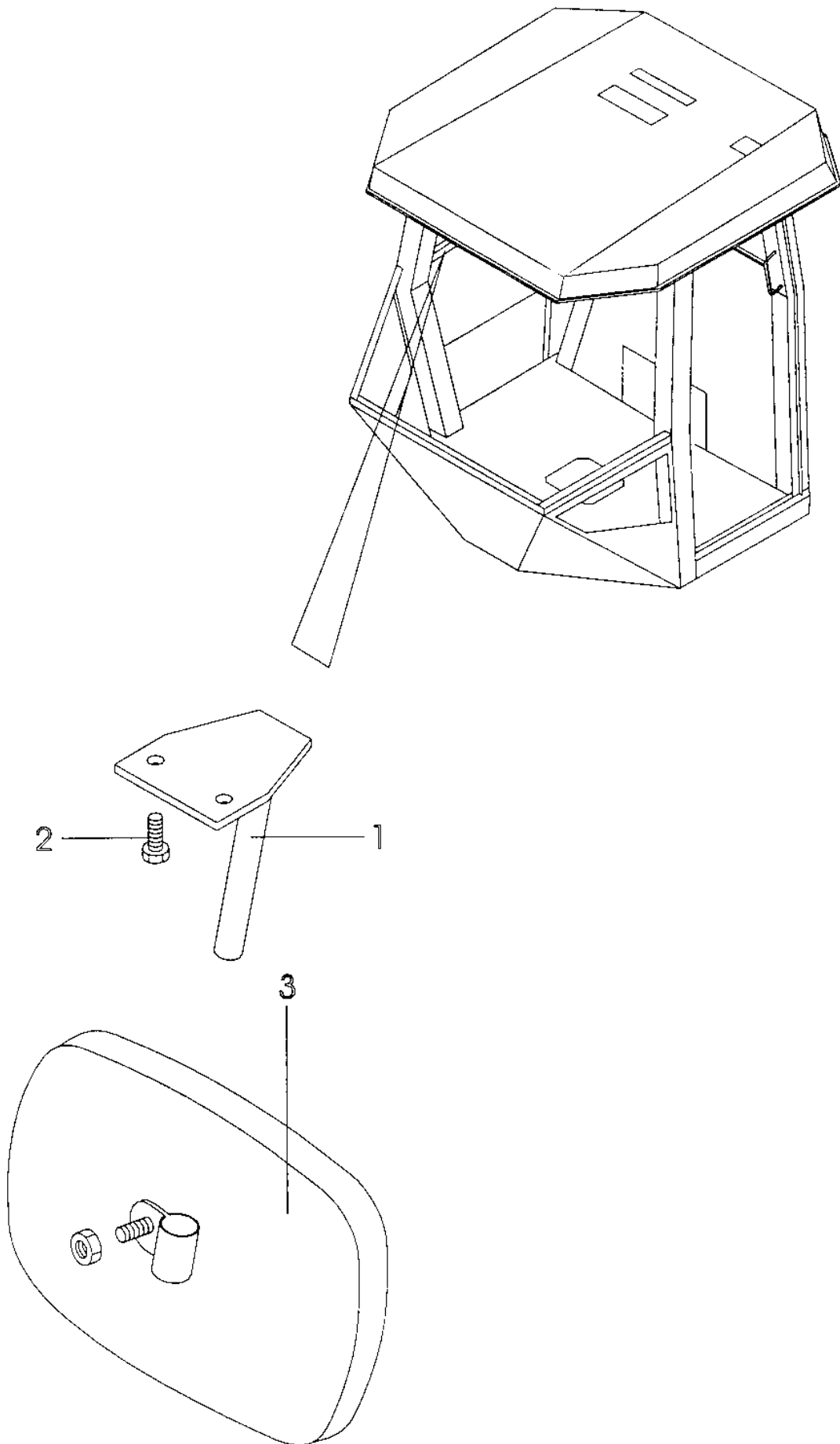
Ref. No.	Part No.	Rem.	Qty	Description	Code
	940678		1	Door Cpl.	
1	938045		1	.Door frame	
2	935277		1	.Lock pin	
3	938017		1	.Lock	
4	908580		1	.Lock pin	
5	908581		1	.Washer	
6	908582		1	.Cover	
7	908583		1	.Bracket	
8	935248		1	.Turning mechanism	
9	935249		1	.Retainer	
10	935250		1	.Rod	
11	935247		1	.Leader	
12	935246		1	.Seal	
13	935244		1	.Door handle with key	
14	935245		1	.Seal	
15	935268		1	.List	
16	937391		1	.Screen	
17	908545	A	1	.Seal list	
18	935267		1	.List	
19	908545	A	1	.Seal list	
20	937392		1	.Screen	
21	935270		1	.List	
22	935272		8	.Washer, Black	
23	935271		8	.Washer, Flexible	
24	935273		2	.Hinge	
25	935274		2	.Screw	
26	935269		1	.List	
27	935266		1	.List	
28	937390		1	.Screen	
29	935265		1	.List	
30	908545	A	1	.Seal list	
31	935276		1	.Bracket	
32	935275		1	.Rubber washer	
33	937393		1	.Screen	
34	908499	B	1	.Rubber list	
35	935253		1	.Lock	
36	938101	XL		.Brush profile	
38	938018		1	.Gas spring	

A) L=1 m

B) L=2 m

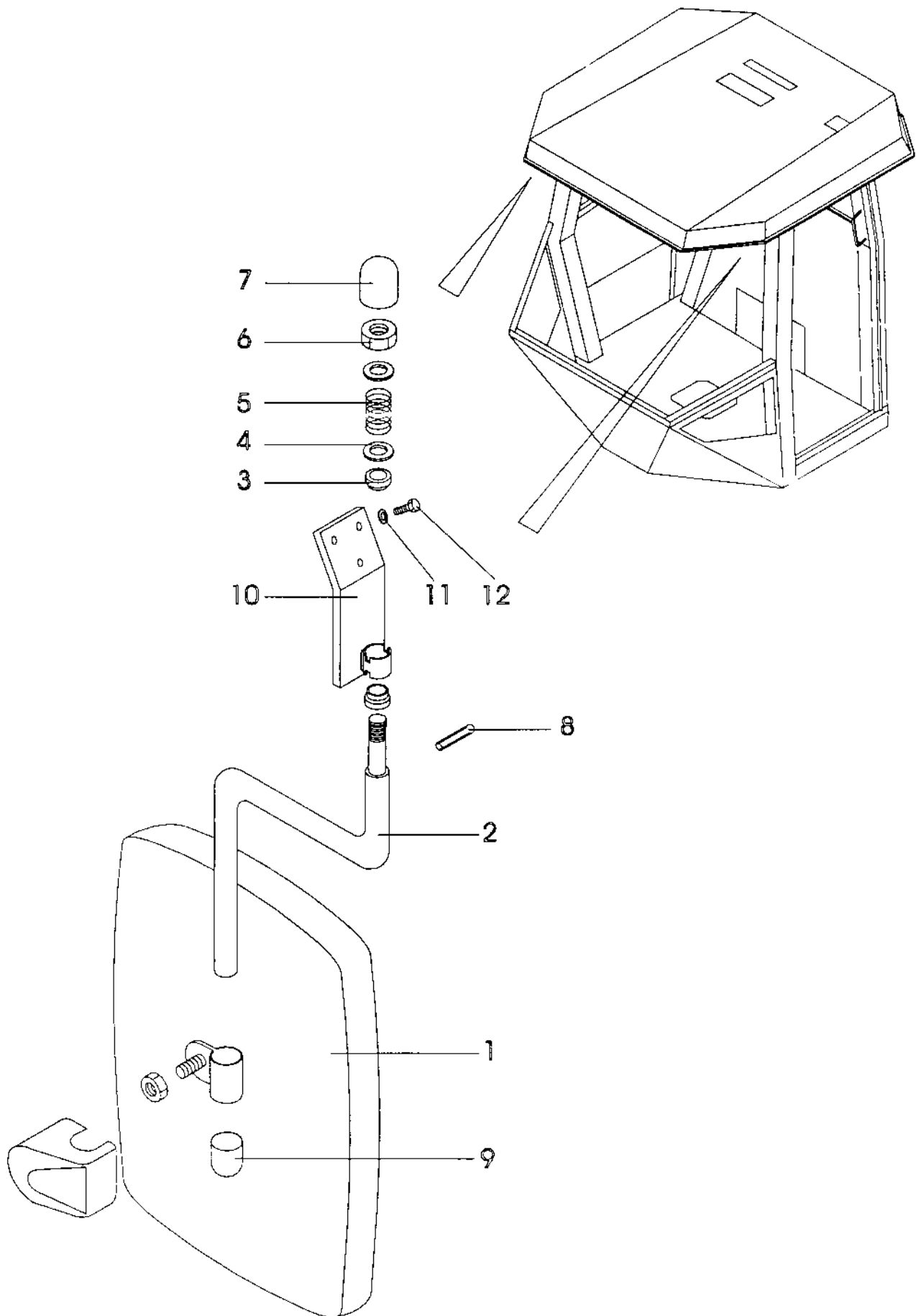
Cab Interior rear mirror

16008



Cab Interior rear mirror

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	908623		1	Bracket	
2	535005		2	Screw M5x12	
3	908624		1	Rear mirror	

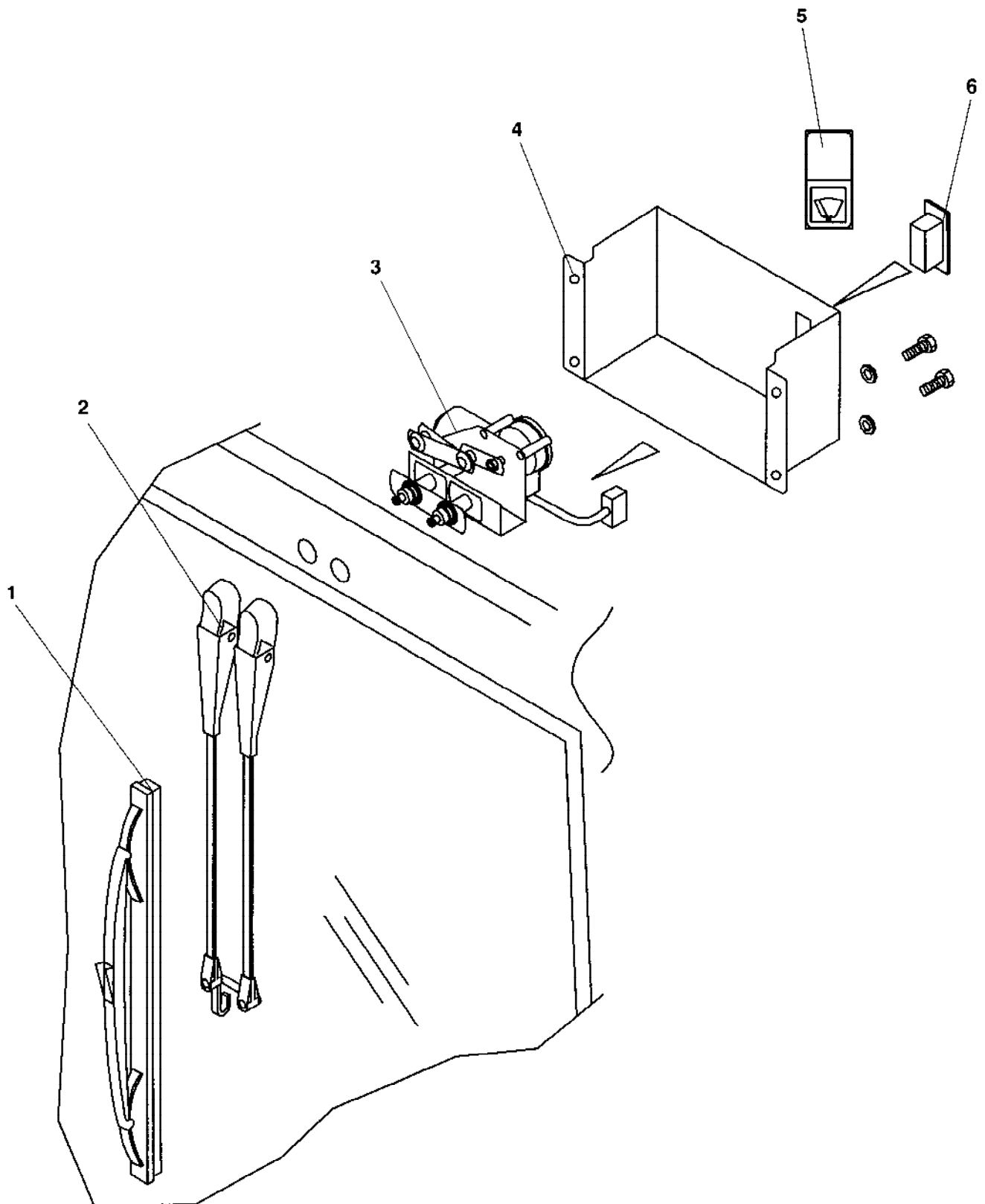


Cab Exterior, rear mirror

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	371730		2	Rear mirror	
2	908355		1	.Arm	
3	908625		2	.Sleeve	
4	904232		2	.Washer 17x30x3	
5	908626		1	.Spring	
6	586021		1	.Nut M16	
7	908627		1	.Cap	
8	629066		1	.Spirol pin	
9	908628		1	.Cap	
10	908361		1	.Bracket	
11	908265		2	.Mirror glass	
12	904229		6	Washer 8,4x16x1,5	
13	500019		6	Screw M8-1,25x16 8.8	

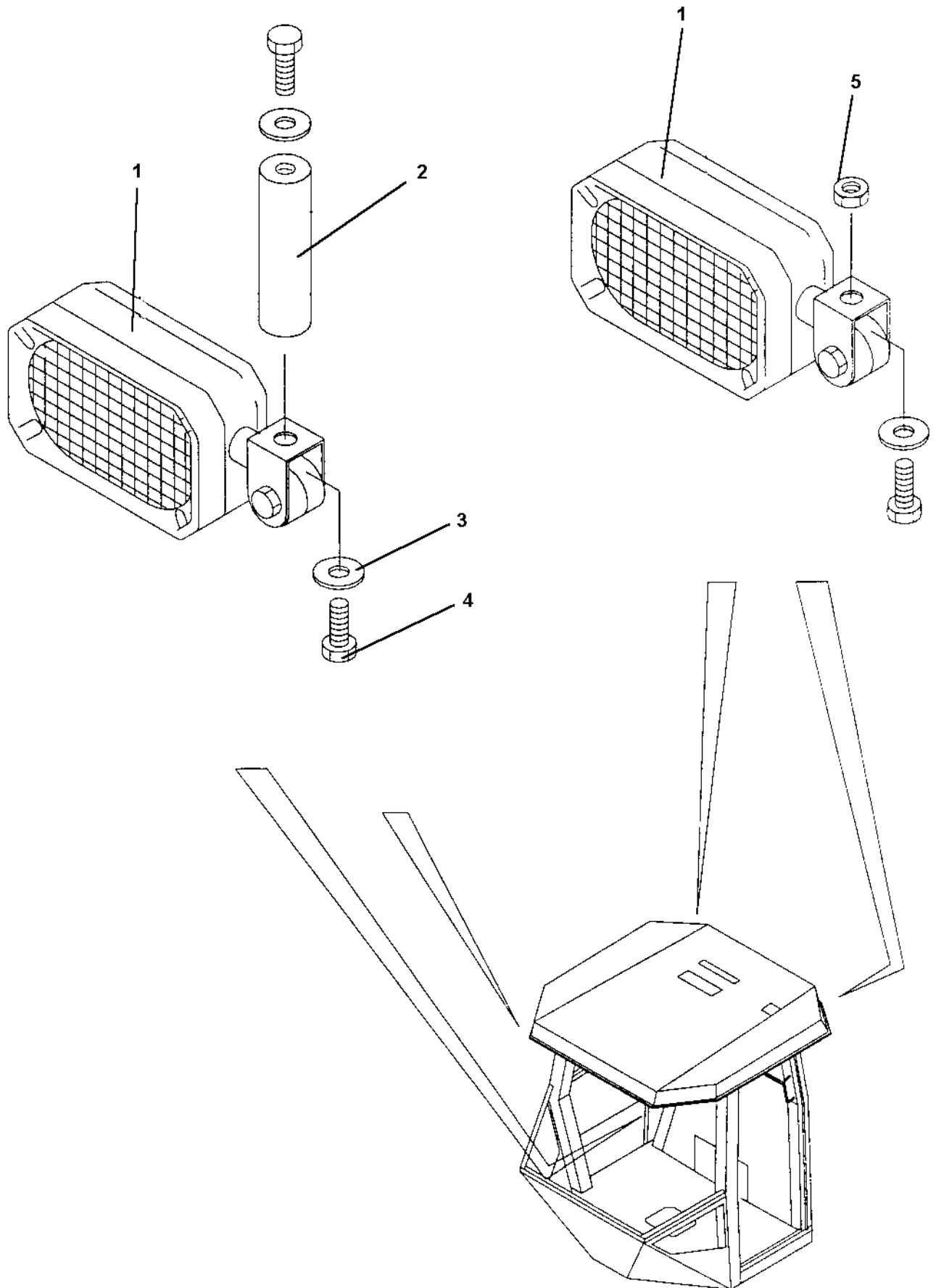
Wiper arm with blade, front

16968



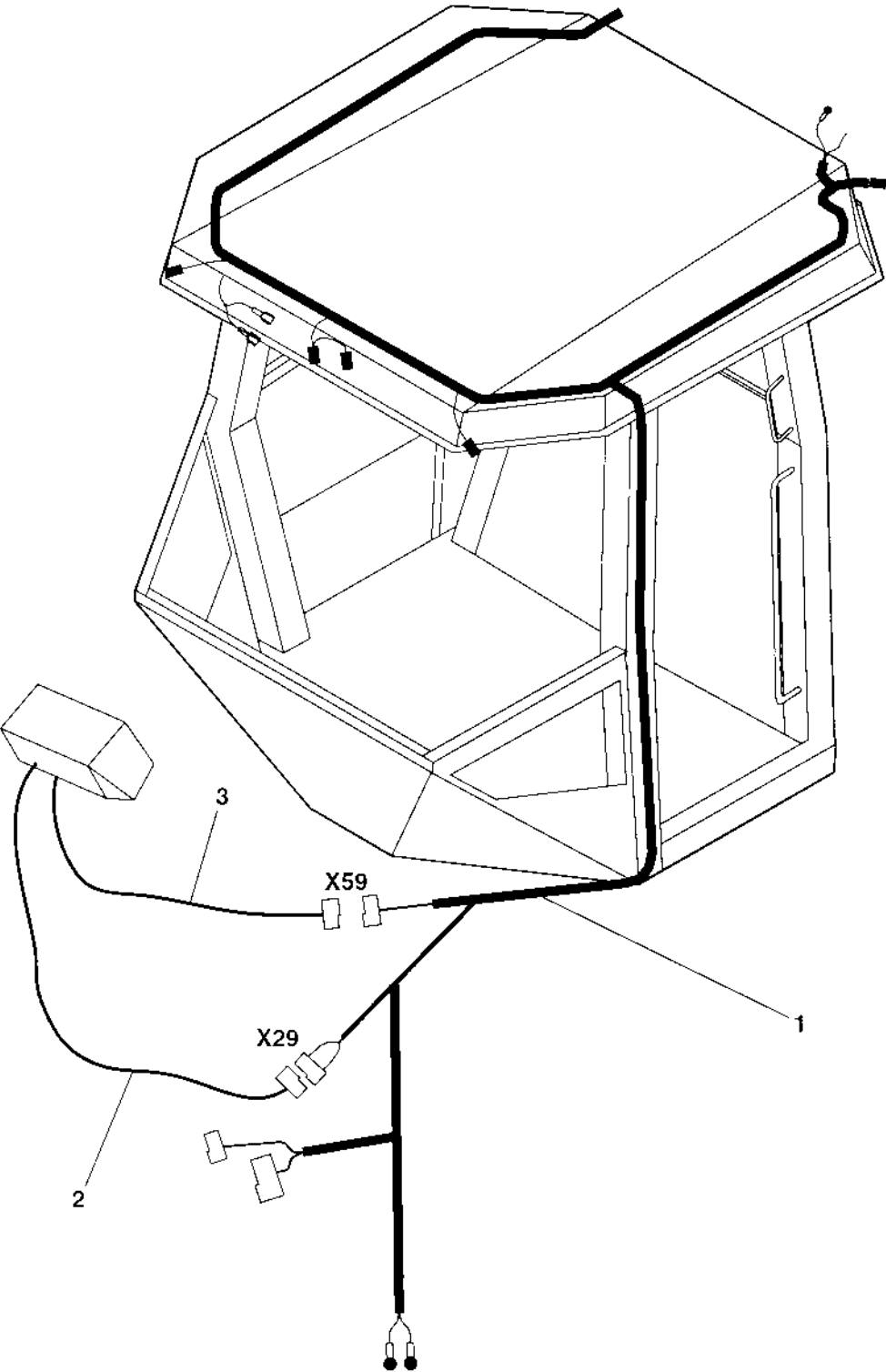
Wiper arm with blade, front

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	905306		1	Wiper blade	
2	905305		1	Wiper arm	
3	905304		1	Wiper motor	
4	937871		1	Cover	
5	908605		1	Symbol wiper	
6	908617		1	Switch	



Cab Work light

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	908267		4	Working light	D
2	908359		2	Distance	
3	904229		4	Washer 8,4x16x1,5	
4	500019		4	Screw M8-1,25x16 8.8	
5	586003		2	Lock nut M8	



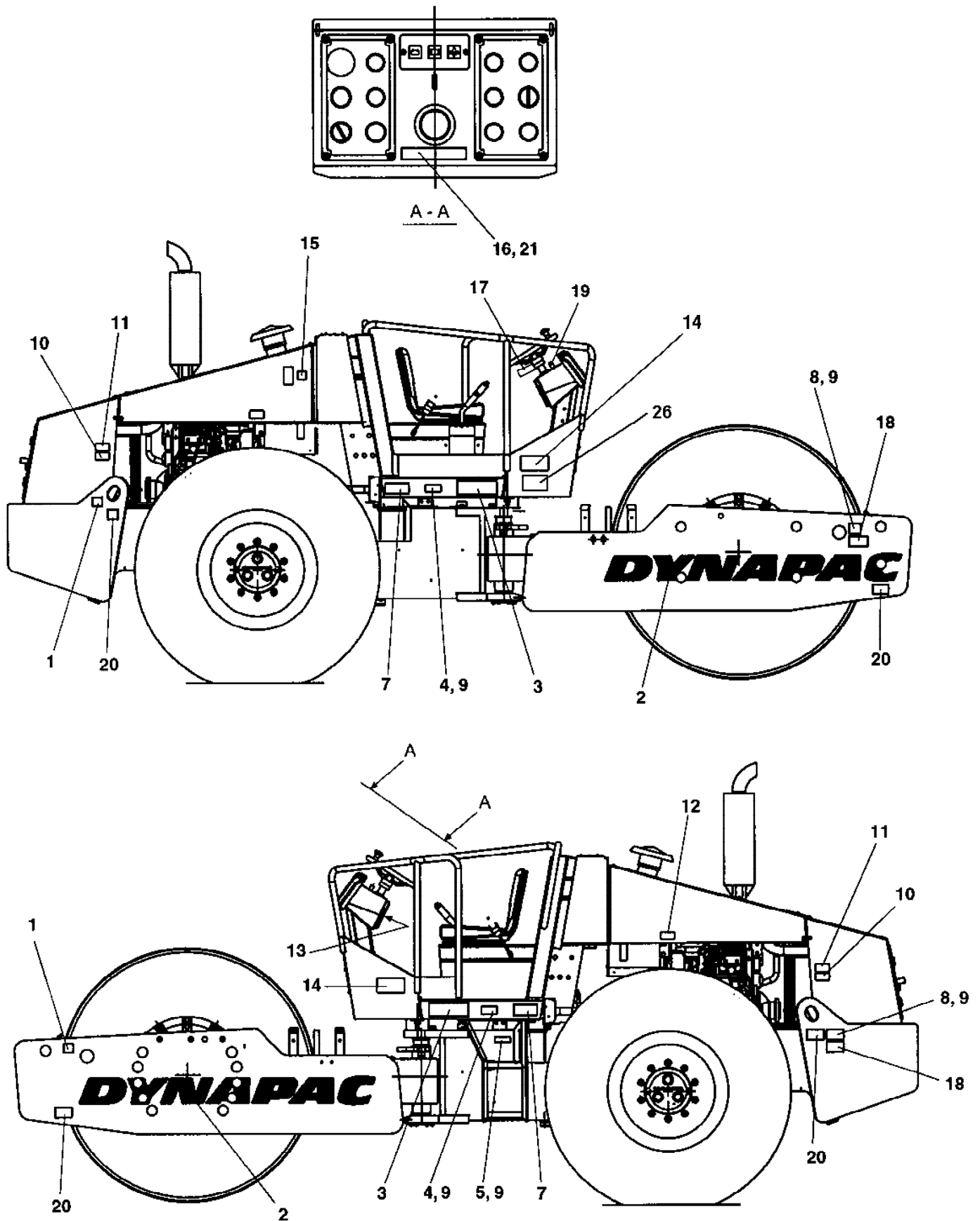
Cab Electric

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	937870	A	1	Cable harness	
2	384403	B	1	Cable harness	
3	384402	C	1	Cable harness	

- A) Main supply
- B) Horn
- C) Windshield wiper

Decals

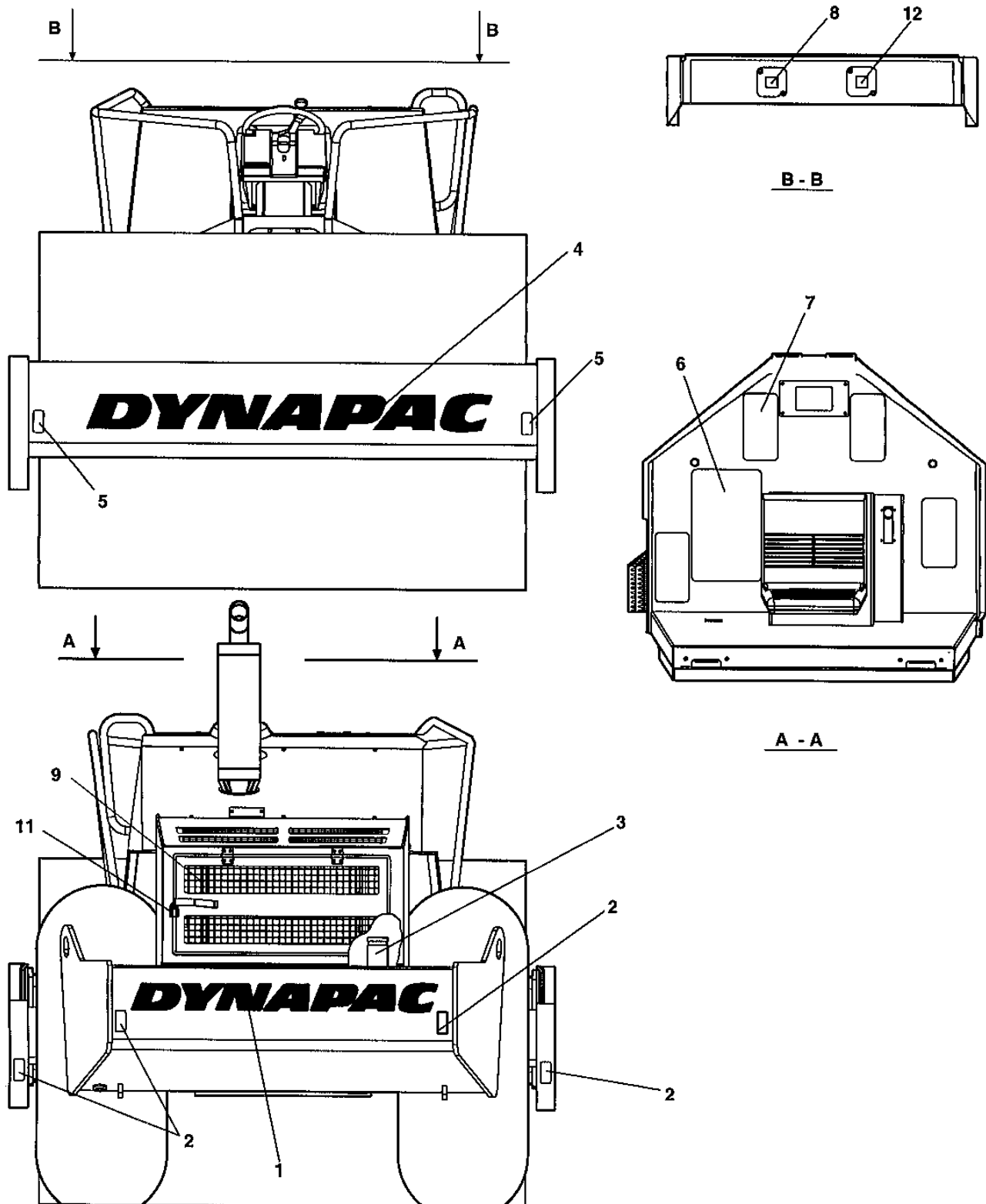
Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Decals (Page 172)	
20				Decals (Page 174)	



Decals

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	588176		2	Decal "LIFT POINT"	
2	904068		2	Decal "DYNAPAC" L=1770 mm	
3	791600		2	Decal "MODEL CODE"	
4	377744		2	Reflector, yellow	B
5		A	1	Product plate ce	B
7	903459		2	Decal "SAFETY"	
8	904870		2	Lifting sign	
9	624005		12	Blind rivet 3,2x6,1	
10	903424		2	Decal "HOT SURFACE"	
11	903423		2	Decal "SAFETY"	
12	991990		2	Decal "TYRE PRESSURE"	
13	903425		1	Decal "SAFETY MANUAL"	
14	903422		2	Decal "SAFETY"	
15	272373		1	Decal "HYDRAULIC OIL"	
16	349248SE		1	Decal "WARNING" Swedish	
	349248EN		1	Decal "WARNING" English	
	349248DE		1	Decal "WARNING" German	
	349248IT		1	Decal "WARNING" Italian	
	349248ES		1	Decal "WARNING" Spanish	
	349248FR		1	Decal "WARNING" French	
	349248NO		1	Decal "WARNING" Norwegian	
	349248DK		1	Decal "WARNING" Danish	
	349248FI		1	Decal "WARNING" Finnish	
	349248PT		1	Decal "WARNING" Portuguese	
	349248NL		1	Decal "WARNING" Dutch	
	349248GR		1	Decal "WARNING" Greek	
	349248IS		1	Decal "WARNING" Icelandic	
	349248CN		1	Decal "WARNING" Chinese	
17	384159		1	Instructions Loading-Unloading	
18	908229		2	Safety decal	
19	358881		1	Pad lock	
20	382751		4	Decal "TIE DOWN POINT"	
21	624017		4	Blind rivet	
25	791642		1	Decal "WARNING" Use of starting fluid prohib.	
26	791277		1	Decal "Sound power level" 107dB	
27	791279		1	Decal "Sound power level" 109dB	

A) Not available as sparepart

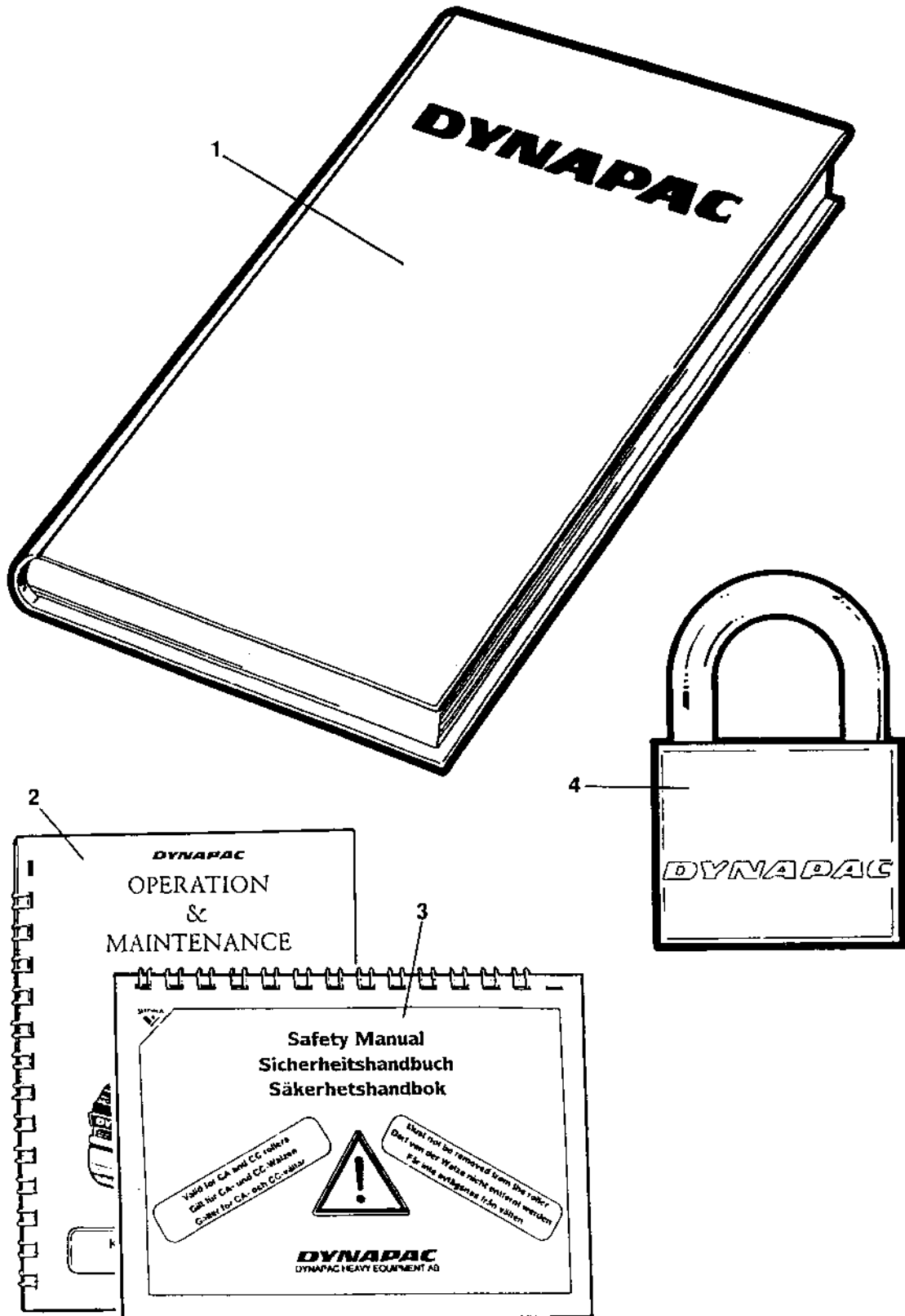


Decals

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	904098		1	Decal "DYNAPAC" L=1350 mm	
2	377742		4	Reflector, red	B
3	991658		1	Decal "FUEL"	
4	904068		1	Decal "DYNAPAC" L=1770 mm	
5	377743		2	Reflector, white	B
6	373364		1	Slip protection	
7	373363		4	Slip protection	D
8	272372		1	Decal "HYDRAULIC OIL"	
9	904835		1	Decal "BATTERY POWER"	
11	358881		1	Pad lock	
12	388449		1	Decal "Engine coolant fill"	

Standard equipment

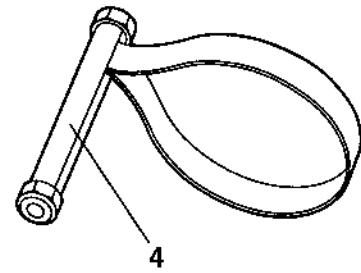
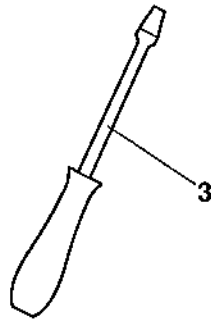
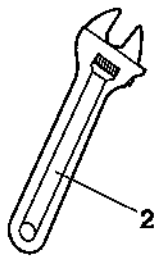
Ref. No.	Part No.	Rem.	Qty	Description	Code
100				Standard equipment (Page 178)	



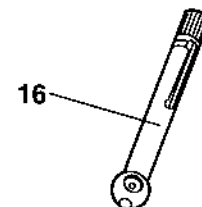
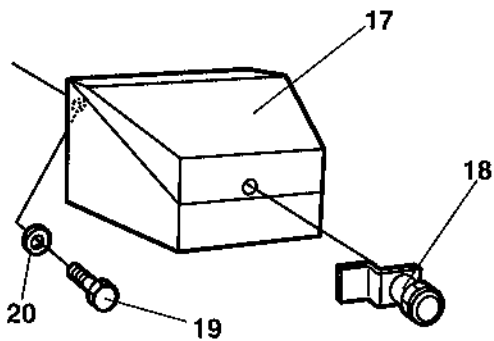
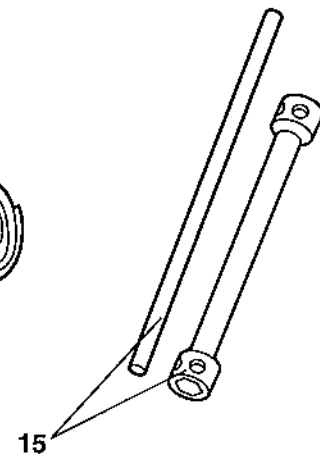
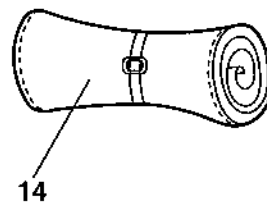
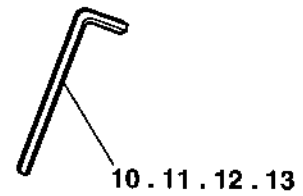
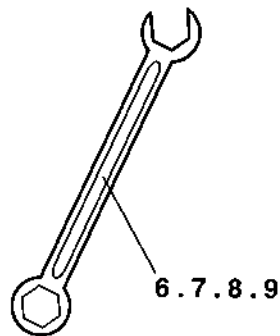
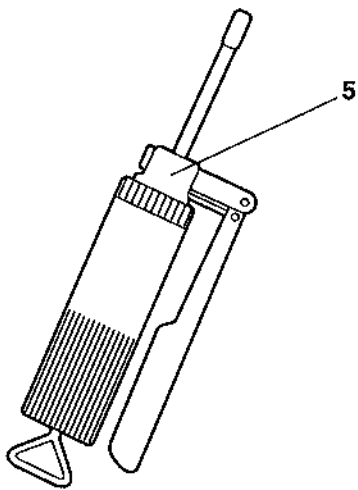
Standard equipment

Ref. No.	Part No.	Rem.	Qty	Description	Code
1			1	Documentation OM280	
			1	.Warranty registration card	
			1	.Operating instruction O280	
			1	.Maintenance instruction M280	
			1	.Spare parts catalogue SCA280	
			1	.Instruction manual Cummins 4BTAA 3.9 Elite	
2			1	.Operating / maintenance instruction OM280	
3			1	.Safety manual RSAFE	
4	358881		1	Pad lock	

Ref. No.	Part No.	Rem.	Qty	Description	Code
10				Tool equipment (Page 182)	
230				Heater Simple cab (Page 184)	

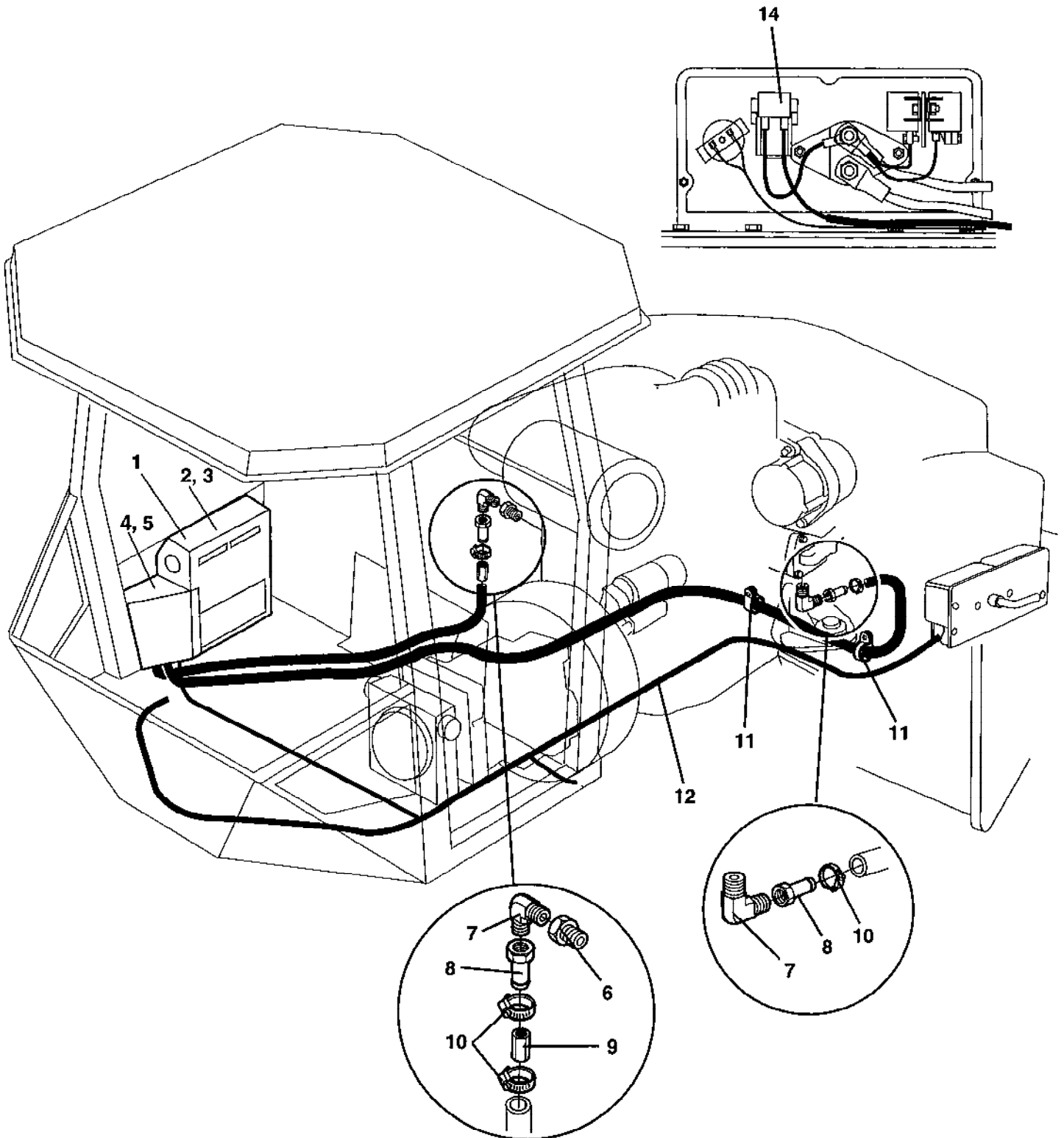


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Tool equipment

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	355890		1	Tool set Cpl	
2			1	.Adjustable wrench	
3			1	.Screw driver	
4	902610		1	.Belt pliers	
5	311016		1	.Grease gun	
6			1	.Open end spanner 10MM	
7			1	.Open end spanner 13MM	
8			1	.Open end spanner 16MM	
9			1	.Open end spanner 18MM	
10			1	.Allen wrench 10MM	
11			1	.Allen wrench 12MM	
12			1	.Allen wrench 6MM	
13			1	.Allen wrench 8MM	
14			1	.Tool bag	
15			1	.Wheel nut key 30/32MM	
16	901220		1	.Pressure gauge	
17	372837		1	Tool box	
18	372658		1	.Lock	
19	500019		3	Screw M8-1,25x16 8.8	
20	904640		3	Washer 8,4x22x3	



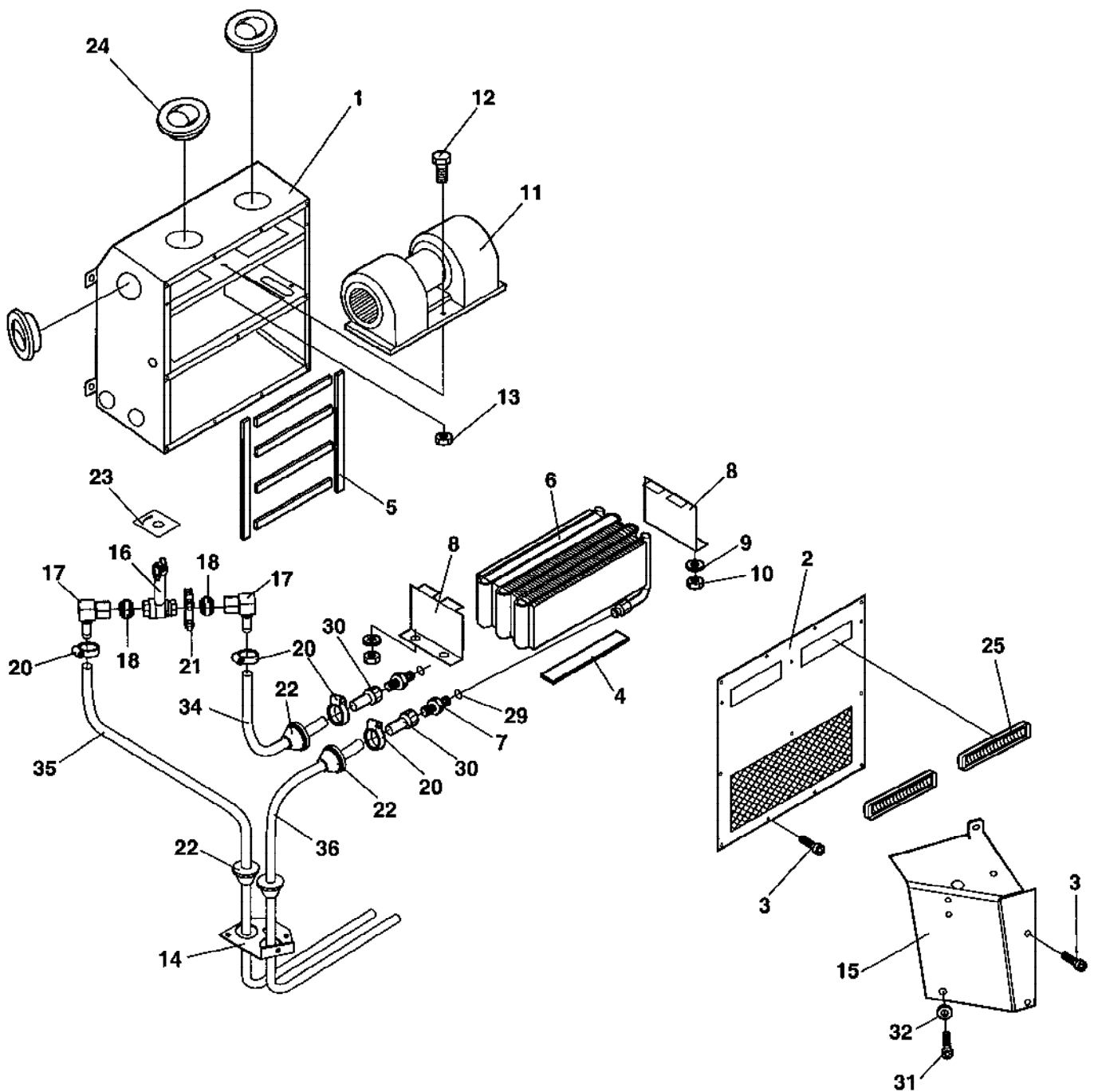
Heater Simple cab

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	385222		1	Heater (Page 186)	
2	500018		4	Screw M8-1,25x12 8,8	
3	904229		4	Washer 8,4x16x1,5	
4	500013		2	Screw M6-1x16 8,8	
5	904228		2	Washer 6,4x12x1,5	
6	813434		1	Reducer	
7	234365		2	Elbow 90	
8	814065		2	Hose connection	
9	372670		1	Reducer	
10	313002		3	Hose clamp	
11	921132		2	Clamp	
12	387466	A	1	Cable harness	
13	387467	A	1	Cable harness	
14	904294		1	Fuse	
15	313102		N	Cable ties	

A) Item 12 and 13 replaces Cable harness P/N 385235.

385222 Heater

17784



385222 Heater

Ref. No.	Part No.	Rem.	Qty	Description	Code
1	938587		1	Heater box	
2	938588		1	Cover plate	
3	935259		15	Screw	
4	908587	A	1	Edge trim	
5	935556	B	1	Sealing	
6	908585		1	Radiator	
7	908589		2	Connector	
8	935557		2	Heater element bracket	
9	904228		4	Washer 6,4x12x1,5	
10	570004		4	Nut M6	
11	908595		1	Fan, cpl	
12	500006		1	Screw M5x16	
13	586001		1	Lock nut M5	
14	938589		1	Plate	
15	938590		1	Control panel	
16	937738		1	Ball valve	
17	937742		2	Connector	
18	937741		23	Connector	
20	313003		4	Hose clamp 15-24	D
21	923984		1	Clamp	
22	908496		1	Grommet	
23	938856		1	Cable harness Work light	
24	908513		3	Nozzle	
25	908598		2	Nozzle	
29	908588		2	O-ring	
30	935558		2	Adapter	
31	500013		1	Screw M6-1x16 8,8	
32	904735		1	Washer	
34	937737	C	1	Hose	
35	937737	D	1	Hose	
36	937737	E	1	Hose	

- A) L=2,5 m
 B) L=1 m
 C) L=0,7 m
 D) L=3,6 m
 E) L=3,6 m

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160132	99	343322	47	370766	151
160269	127	343480	51	370792	151
162008	97	343744	49	370803	151
162011	49	343775	25	371326	127
162017	49	343801	47	371344	127
162018	51	345243	97	371481	55
162027	49	345678	47	371482	55
167023	19	345679	47	371509	91
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232097	103	345875	15	372029	111
232210	47	345884	47	372044	111
232222	97	345885	47	372087	25
233304	111	347119	25,105	372229	7
234218	103	347512	55,141	372235	93
234243	97	348213	137	372236	47
234365	185	348309	61	372457	153
234382	99	348331	141	372489	151
234388	113	348481	147	372494	141
234622	113	349248CN	173	372513	103
234626	103	349248DE	173	372514	103
234662	103	349248DK	173	372529	47
234843	109	349248EN	173	372544	59
234875	97	349248ES	173	372625	103
234888	109	349248FI	173	372658	183
234909	97	349248FR	173	372664	125
234958	97	349248GR	173	372670	185
244002	133	349248IS	173	372678	151
244054	65	349248IT	173	372743	151
272372	175	349248NL	173	372745	151
272373	173	349248NO	173	372757	141
285909	147	349248PT	173	372758	129
285911	147	349248SE	173	372772	55
287597	127	349435	137	372784	137
287598	127	349682	47	372785	141
288129	59	349715	51	372836	137
310008	15	349879	111	372837	183
311016	183	349880	111	372844	25
313001	65	355263	127	372983	55
313002	65	355301	127	372984	55
313003	187	355677	47	372989	121
313006	59	355869	149	373016	93
313010	59	355890	183	373017	99
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313035	147	356028	49	373131	71
313041	65,137	356029	51	373140	137
313075	59	356348	113	373144	59
313102	97	357138	11	373176	71
330171	65	357316	143	373184	129
330328	59	357424	143	373270	93
330333	81,89	357425	143	373363	175
330383	99	357426	143	373364	175
334025	99	357427	143	373400	141
334121	99	357488	25	373421	37
334122	99	357494	147	373423	93
334132	93,115	357501	147	373424	99
	121	357583	125	373442	47
334135	99	357585	127	373443	47
334138	93	357643	143	373460	25
334140	97	357855	143	373574	65
334196	113	358033	29,31	373775	59
334199	103	358142	143	374028	113
334205	109	358143	143	374029	129
334248	97	358254	143	374030	129
334389	109	358388	95	374059	97
334468	97	358452	131	374137	91,117
334524	109	358881	143,179		119
334558	103	359550	97	374198	39
335607	125	359551	97	374251	121
337042	37	359552	97	374398	131
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374900	37	381462	129	387466	185
375031	91	381603	33	387467	185
375454	103	381634	49	387554	125
375999	97	381761	49	387564	63
376000	91,107	381777	147	387604	55
376045	25	381989	39	387633	145
376252	141	382093	67	387728	127
376340	39	382349	145	387909	55
376348	39	382392	55	388203	145
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376354	39	382397	141	388750	67
376366	39	382406	39	388751	67
376488	151	382411	39	389166	65
376489	151	382582	141	389170	145
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376652	27	382751	173	389177	145
376701	25	382782	127	389184	145
376819	31	383200	151	389577	131
376825	31	383225	151	390478	41
376826	31	383326	137	390479	41
376829	35	383452	137	390480	41
376944	43	383856	69,83	390481	41
376945	43	383857	75	416004	147
377071	135	383863	29	416034	145
377370	59	383933	71	450066	39
377742	175	383955	71	450067	39
377743	175	383956	71	470020	125
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378211	57	383978	71	482342	113
378213	57	383979	71	482391	97
378214	57	384048	27	482399	109
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379413	73	384052	29	483031	99
379414	73	384066	25	483050	103
379632	73	384114	29	483109	103
379691	73	384121	47	483114	121
380012	39	384159	173	483115	121
380018	49	384163	129	483116	121
380078	101	384382	49	483119	93
380113	141	384402	169	483120	93
380123	141	384403	169	483123	97
380145	91	384498	15	483188	113
380157	61	385222	185	483190	93
380161	61	385404	63	483204	113
380208	141	385691	63	483286	99
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380278	127	386006	55	483445	113
380366	147	386222	59	483496	103
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380798	133	386882	65	500015	145
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380800	133	386884	59	500019	59,167
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380889	141	386976	65	500021	59
380967	51	386999	125	500022	39
380993	15	387049	63	500028	97
381027	51	387085	59	500029	25
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381352	151	387418	127	500040	39

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500049	31	791119	111	902125	113
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500053	39	791156	49	902164	143
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500070	29	791176	71	902183	149
500075	125	791227	33	902184	149
500076	31	791277	173	902185	149
500077	25	791279	173	902186	149
500079	137	791371	125	902187	147
500082	47	791475	39	902189	147
500091	67	791477	125	902191	147
500100	151	791479	125	902223	127
500101	93	791489	127	902224	127
500102	27	791503	125	902225	127
500111	29	791598	125	902227	129
500121	153	791600	173	902284	125
500133	39	791642	173	902285	39
500146	47	791924	125	902286	125
500149	97	791933	51	902288	137
500163	49	791948	35	902379	39
500184	125	792081	55	902496	137
500192	111	792261	73	902558	65
500194	47	801187	21	902581	97
500196	51	801567	125	902610	183
500226	141	813315	65	902655	101
500228	55	813316	103	902804	63
500230	151	813379	71	902861	107
500239	55	813380	71	902862	107
500240	43	813391	25	902864	107
500263	97	813434	125	902895	147
500283	27	813444	103	902896	147
500287	37	813499	97	902919	143
502019	99	813500	103	902926	117
502034	103	813791	61	902928	95
502078	99	813822	95	902929	117
502132	93	814065	185	902930	117
508005	153	900229	97	902944	117
508006	141	900247	65	902957	117
508029	55	900249	65	902959	117
508059	153	900430	99	902960	117
508079	55	900552	109	902961	117
509025	55	900604	115	902984	117
509034	97	900775	49	902995	117
527002	47	900776	17	902996	117
533001	147	900782	17	903053	95
533038	147	900784	17	903192	137
533070	127	900798	133	903281	47
535005	161	900957	79,87	903290	93
541526	137	900966	79	903395	147
541702	127	901145	55	903422	173
541703	147	901155	99	903423	173
570003	125	901157	99	903424	173
570004	125	901190	137	903425	173
570005	125	901218	71	903436	63
570006	111	901220	183	903457	107
573004	147	901224	135	903459	173
573008	145	901226	127	903494	101
586001	127	901240	127	903495	101
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586003	55	901385	101	903571	95
586011	39	901386	101	903619	105
586018	55	901387	101	903631	125
586019	29	901389	101	903632	125
586021	163	901390	101	903640	125
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600009	47	901444	71	903758	125
600016	105	901453	95	903768	125
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603018	65	901465	95	903820	127
624005	173	901467	95	903831	103
624016	151	901766	133	903838	47
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