

GEHL®

Form No.
909882
Revision B
Oct. 2008

Model 521

Wheel Loader

Serial Numbers 302000162 to 312010012



Parts Manual

INTRODUCTION

When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number. For your safety and continued proper operation, use only genuine GEHL service parts.

The model and serial number for this unit are on a tag located on a panel on the front of the cab.

“Right” and “left” are determined from a position sitting on the operator’s seat and facing forward.

GEHL Company reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any previously delivered units.

Refer to the abbreviations table located on this page for special parts descriptions. Standard attaching hardware torque values are also provided near the back of this manual. Metric torque values shown in the illustrations are in Newton-meters and are converted to foot-pounds by multiplying by 0.738.

Specific reference numbers, indicating a complete assembly, are circled in some illustrations. A small bag, pictured in some illustrations, indicates a seal kit (seals, o-rings, etc.). In the exploded view parts list, additional information may follow the Reference Number.

Serial number breaks are indicated as follows:

- (SN 999 and before) - indicates serial numbers up to and including 999.
- (SN 1000 - 2000) - indicates serial numbers between 1000 and 2000.
- (SN 999 and up) - indicates serial numbers including 999 and after.

Serial number exceptions and inclusion are indicated as follows:

- (SN 999 and before except 997) - indicates serial numbers up to and including 999, EXCEPT 997.
- (SN 1000 - 2000 except 1996 including 997) - indicates serial numbers between 1000 and 2000, INCLUDING 997 EXCEPT 1996.

- (SN 2001 and up including 1996) - indicates serial numbers including 2001 and after, INCLUDING 1996.

Unless otherwise specified, all cap screws and bolts are Grade 8.8, cadmium or zinc plated.

NOTE: *The following abbreviations may be used herein:*

ASSD	Assembled
ASY/ASSY	Assembly
AR	As Required
CB	Carriage Bolt
CP	Cotter Pin
CS	Cap Screw (Hexagon Head)
CYL	Cylinder
DIA	Diameter
FHCS	Flat Head Cap Screw
GR	Grade
HB	Hex Bolt
HLN	Hex Lock Nut
HN	Hex Nut
HP	High Pressure
HYD	Hydraulic
INS	Insert
LH	Left Hand
LN	Lock Nut
LT	Left
LW	Lock Washer
M	Meter or Meters
MM/mm	Millimeter
NPT	National Pipe Threaded
NSS	Not Sold Separately
OS	Over-Sized
RH	Right Hand
RT	Right
SHCS	Socket Head Cap Screw
SLTD	Slotted
SN	Serial Number or Slotted Nut
SQ	Square
US	Under-Sized
W/	With
W/O	Without
■■■■	Measurement Required

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DECALS

GENERAL INFORMATION

Decal information is provided to proper select and apply new decals if the original decals are damaged or the machine is repainted. The listing includes decal illustration reference number, part number, description and quantity information.

To ensure proper selection of the correct replacement decals, compare all of the various decal illustrations to the machine before refinishing the unit. Then circle each decal shown (applicable to the machine) while checking off its part number in the listing.

NOTE: Refer to the *SAFETY chapter of the Operator's Manual for the specific information provided on the various safety decals furnished in the decal kit(s).*

NEW DECAL APPLICATION

Surfaces MUST be free from dirt, dust, grease and other foreign material before applying the new decal. To apply, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Peel the other portion of the backing paper off slowly while applying hand pressure to smooth out the decal surface.

Decals for the 521 All-Wheel Steer (AWS) Loader are listed below:

Ref. No.	Part No.	Description	Qty.
	203242	Decal Kit/521 AWS	
1	1004357032	Eye Hook	4
2	0004355633	Warning/Moving Parts	2
3	0004355833	Danger Sign/Side (Large)	2
4	0004355533	Danger Sign/Rear (Small)	1
5	139728	Gehl/Front 3.77 x 17.69	1
6	139732	Gehl/Side 5.63 x 26.53	2
7	139733	Gehl/Rear 8.00 x 37.95	1
8	139778	All-Wheel Steer	1
9	0004351529	20 Km/h (Side/Standard)	2
10	0004353329	20 Km/h (Rear/Standard)	1
11	0004351629	40 Km/h (Side/Optional)	2
12	0004353429	40 Km/h (Rear/Optional)	1
13	0004353146	Load Diagram/Pallet Forks	1
14	0004357434	Joystick Control	1
15	0004350237	Noise Level (dB)/Inside Cab	1
16	1004357433	Noise Level (dB)/Guaranteed Value	1
17	0004351589	Maintenance Schedule	1
18	0004351144	Arrow Mark	1
19	0004357527	ATF	1
20	0004351536	Biodegradable Oil	1
21	0004359834	Warning/Stay in Cab	1
22	0004359734	Warning/Use Seat Belt	1
23	139724	521/Side	2



CAUTION

ALWAYS follow safety precautions on decals. Replace the decals if they are damaged, or if the unit is repainted. If repainting, BE SURE all applicable decals are affixed to the unit.

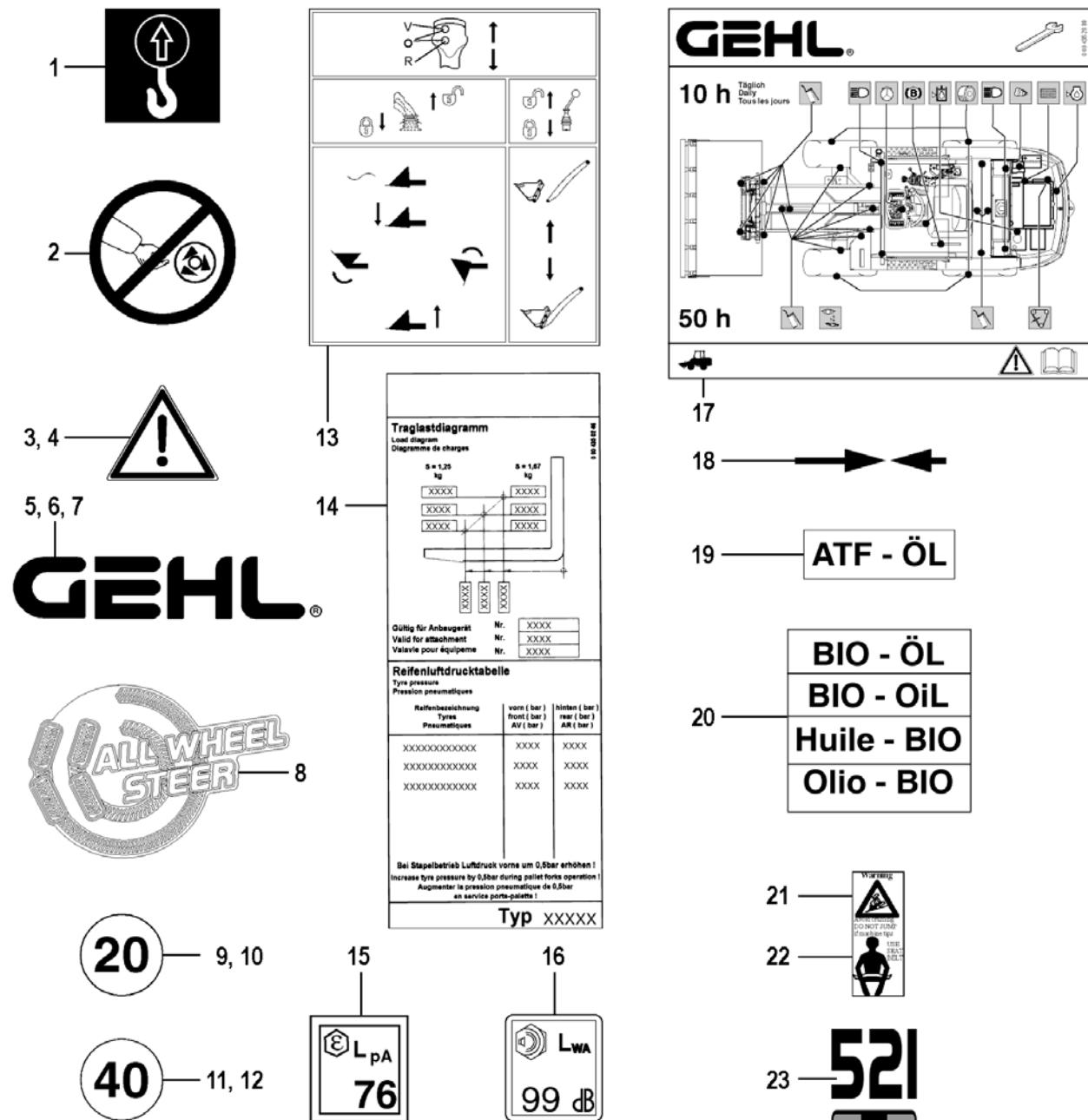
Use the above reference numbers to identify the corresponding decals on the next page.

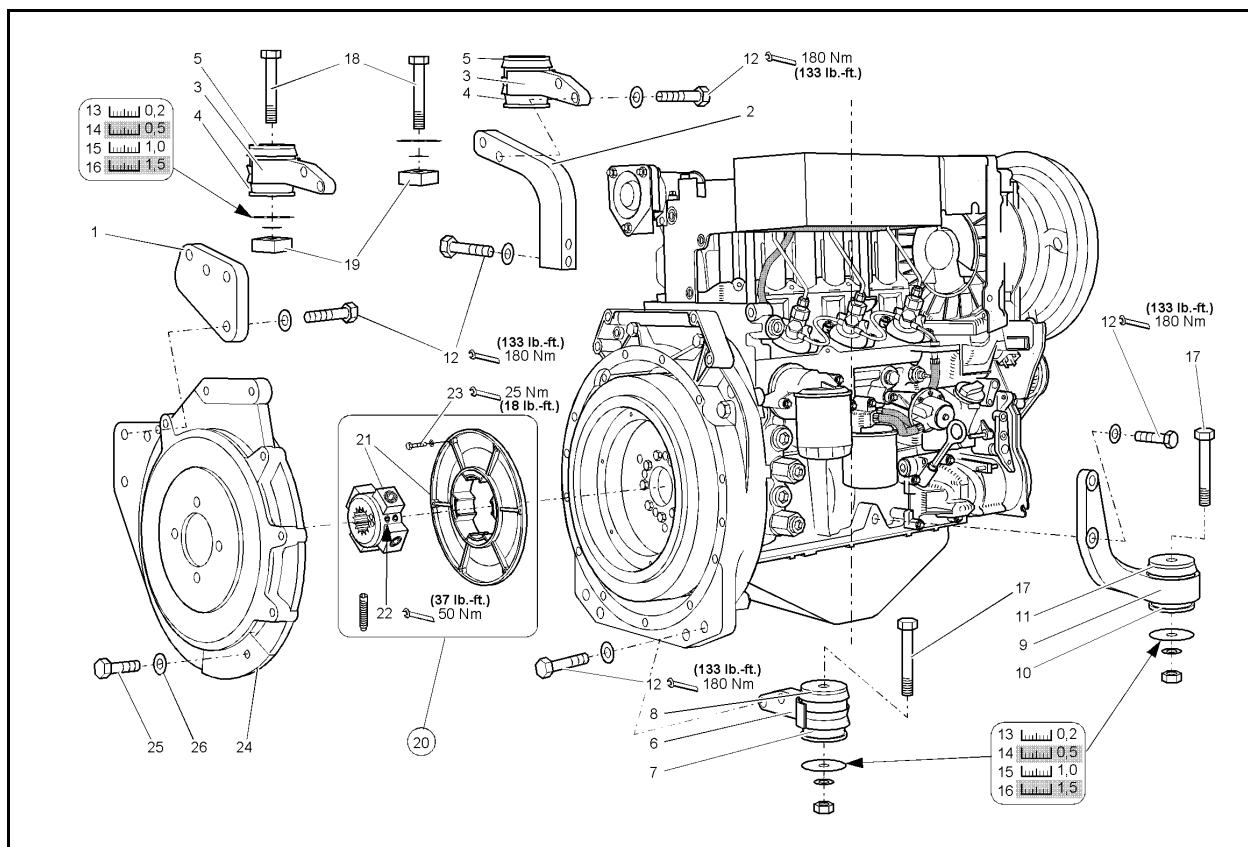
PAINT NOTICE

Use this list to order paint for refinishing:

- 167768 4 quarts AWS Yellow (GEHL)
- 167758 4 quarts Charcoal Gray (GEHL)
- 167774 4 quarts Dark Gray (GEHL)
- 167769 6 spray cans (12.8 oz.) AWS Yellow (GEHL)
- 167775 6 spray cans (12.8 oz.) Dark Gray (GEHL)
- 167760 6 spray cans (12.8 oz.) Charcoal Gray (GEHL)

DECALS

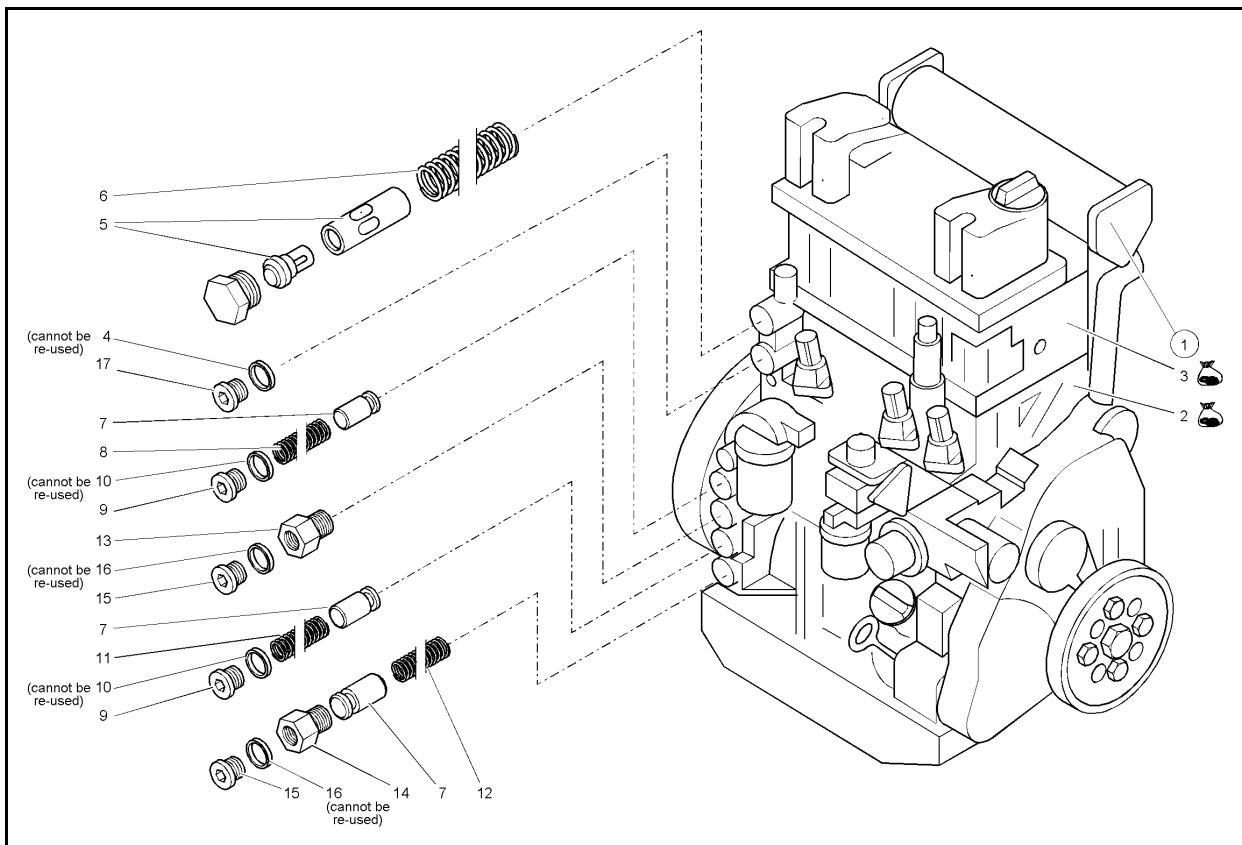




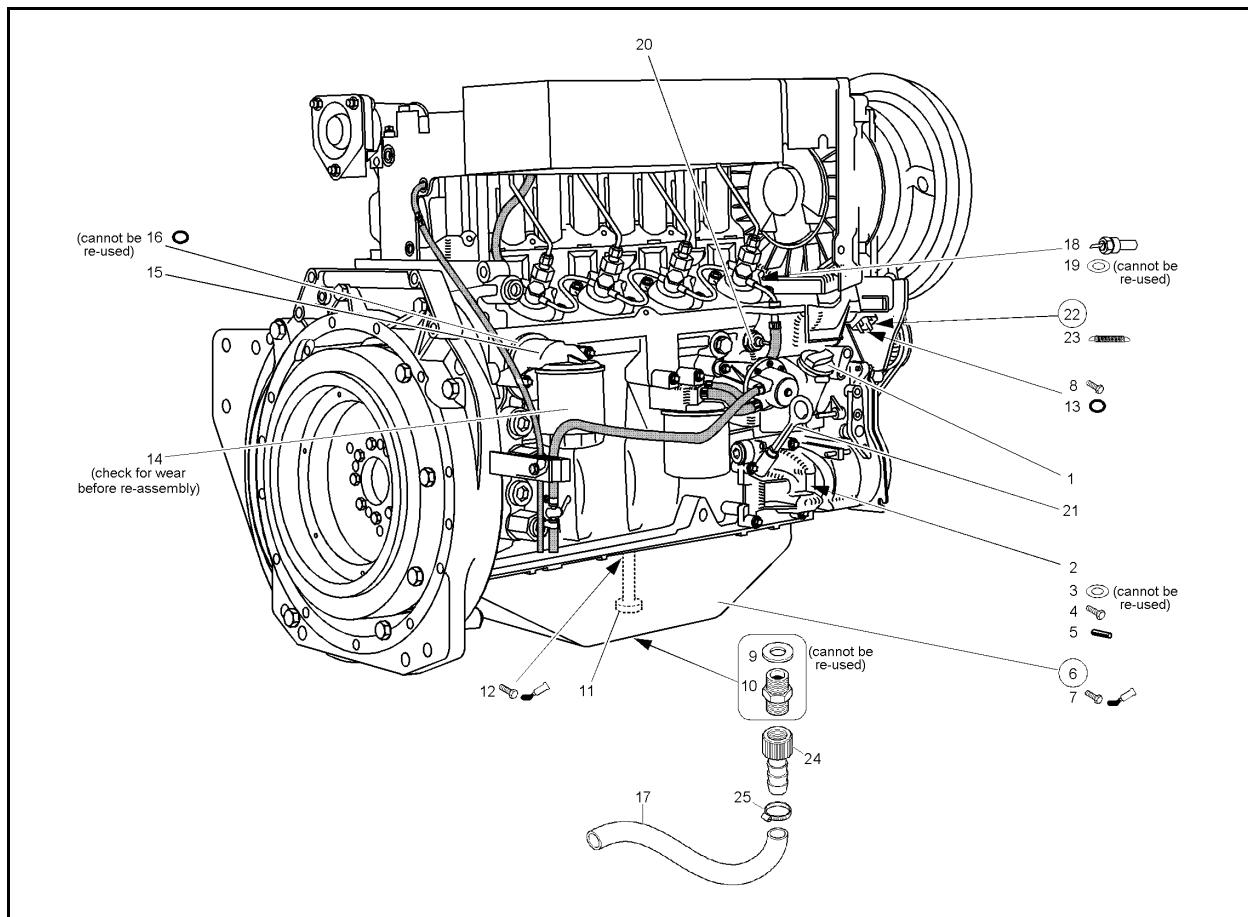
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1380120143	SUSPENSION	1	14	0009976519	SPACER (0.5MM)	AR
2	1380120043	SUSPENSION	1	15	0009976619	SPACER (1.0MM)	AR
3	0000801410	BEARING	2	16	0009976719	SPACER (1.5MM)	AR
4	0000801926	RUBBER RING	4	17	7234677594	HS M12 X 85 8.8 A2C	2
5	0000801925	COVER	1	18	651403	HB M12-1.75 X 100 C8.8 ZY	2
6	0000801411	BEARING	1	19	1009953684	THREADED ELEMENT 30 X 20 X 40 FE/ZN12	2
7	0000801926	RUBBER RING	2	20	0360110203	CLUTCH	1
8	0000801925	COVER	1	21	0000801459	ELASTIC ELEMENT	1
9	0000801989	SUPPORT STAND	1	22	7382679050	THREADED PIN M12 X 15-45H A2C	2
10	0000801926	RUBBER RING	2	23	656094	CS M8-1.25 X 30 C8.8 ZY	6
11	0000801925	COVER	1	24	1360110326	HOUSING COVER	1
12	7234678147	HS M14 X 55-10.9	12	25	7234677557	HS M10 X 45-8.8 A2C	6
13	0009976419	SPACER (0.2MM)	AR	26	0009923528	SPRING WASHER VSK 10	6

521 - ENGINE

1000137529

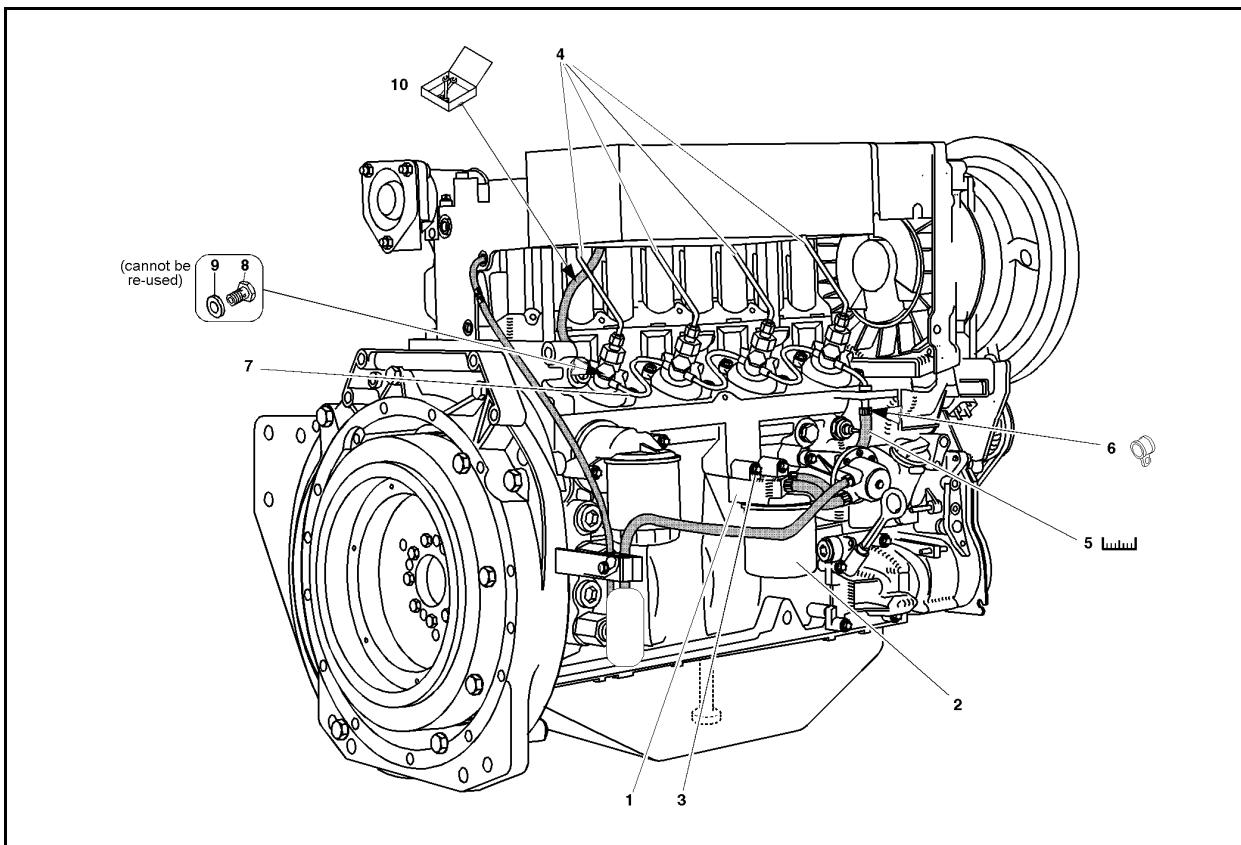


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0380101403	ENGINE/DEUTZ F4M 1011F	1	10	7593641038	SEALING RING A24 X 29	2
2	0000803947	SEAL KIT	1	11	0000802675	COMPRESSION SPRING	1
3	0000804276	SEAL KIT	1	12	0000802676	COMPRESSION SPRING	1
4	163793	SEAL	2	13	133409	ADAPTOR	1
5	0000803948	THERMOSTAT	1	14	133410	ADAPTOR	1
6	0000802640	COMPRESSION SPRING	1	15	133151	SCREW PLUG M18 X 1.5 ST A2C	2
7	0000802673	VALVE	3	16	7593641028	SEALING RING A18 X 22	2
8	0000802674	COMPRESSION SPRING	1	17	7334670001	SCREW PLUG M10 X 1 ST A2C	2
9	7332673007	SCREW PLUG M24 X 1.5 ST A2C	2				

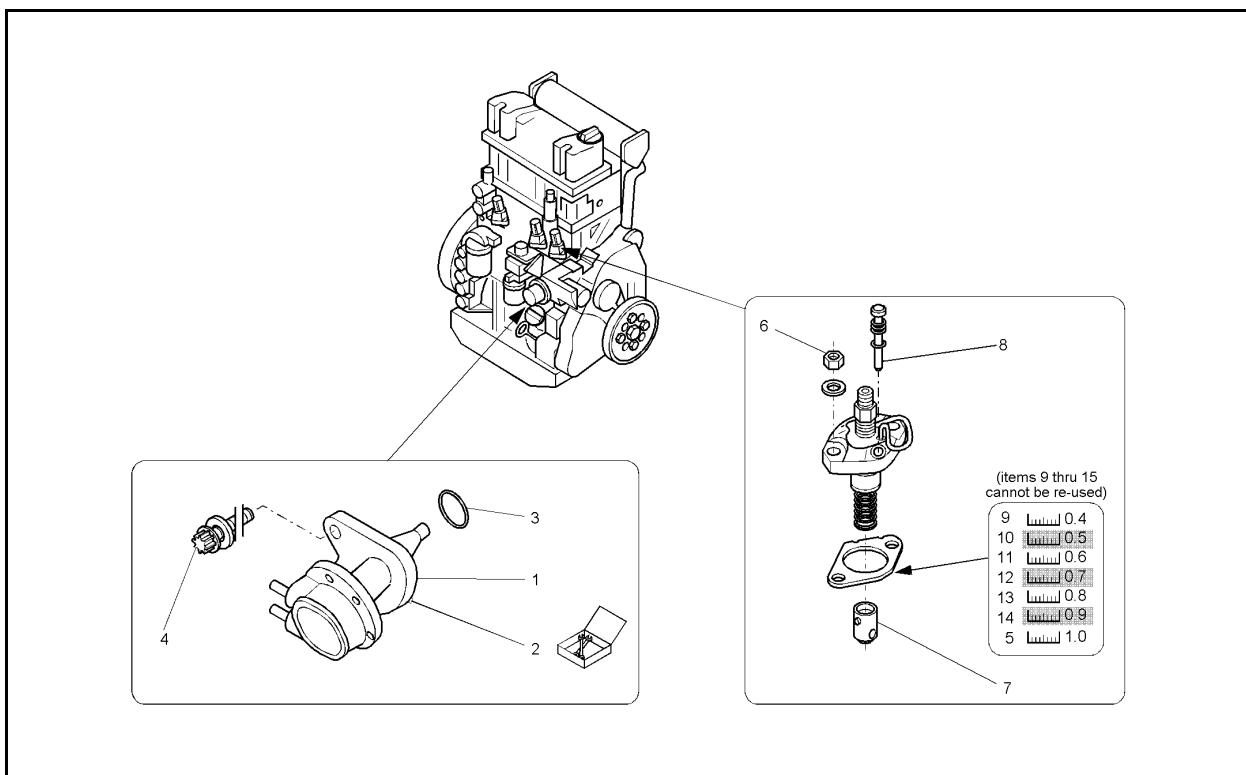


521 - FUEL FILTER

1000137390



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802732	FILTER HEAD	1	6 0000801899	CLAMP	4
2 0000801393	FUEL FILTER	1	7 0000802912	FUEL LINE	1
3 0000802733	TORX HEAD SCREW	2	8 0000801847	BANJO BOLT	4
4 0000802734	INJECTION LINE	1	9 7593641020	SEALING RING A 12 X 18	8
5 0000802735	HOSE D 12.5 X 7.5 (1.0M)	1	10 0000808281	MODIFICATION KIT	1

**Ref.****No. Part No.****Description****Qty.**

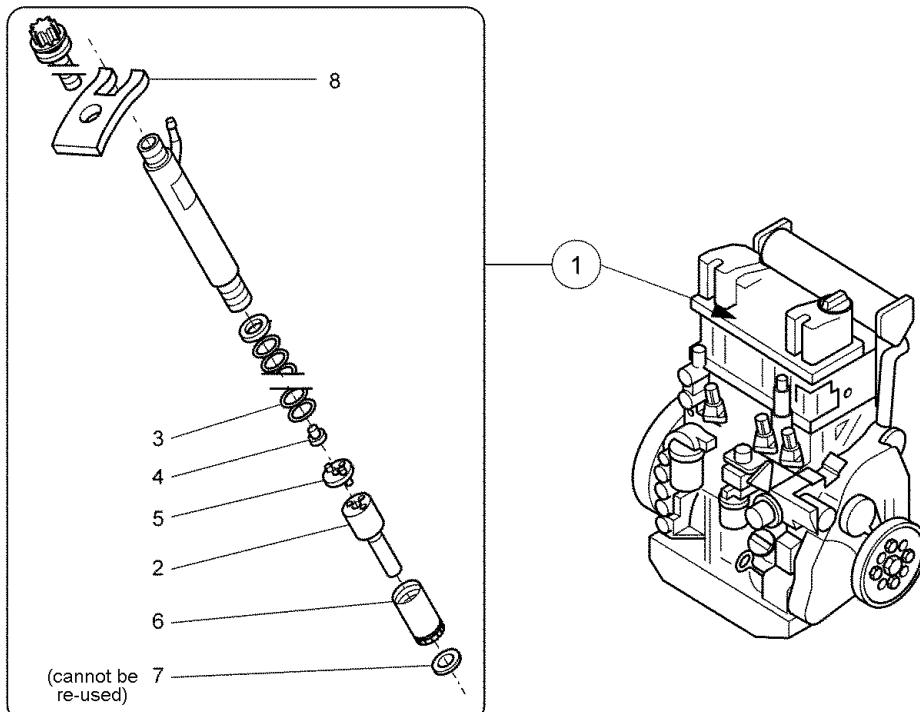
1	0000802911	FUEL PUMP	1
2	0000802790	REPAIR KIT	1
3	0000801396	O-RING 30 X 3	1
4	0000801892	TORX HEAD SCREW AM8 X 20	2
5	0000802689	SHIM (1.0MM)	AR
6	656048	HN M8-1.25 C8 ZY DIN934	2
7	0000801982	ROLLER TAPPET	1

Ref.**No. Part No.****Description****Qty.**

8	0000802690	PLUG	1
9	0000802683	SHIM (0.4MM)	AR
10	0000802684	SHIM (0.5MM)	AR
11	0000802685	SHIM (0.6MM)	AR
12	0000802686	SHIM (0.7MM)	AR
13	0000802687	SHIM (0.8MM)	AR
14	0000802688	SHIM (0.9MM)	AR

521 - FUEL INJECTION SYSTEM

1000137432



Ref.

No. Part No.

Description

Qty.

1	0000802692	FUEL INJECTOR COMPLETE	1
2	0000802694	NOZZLE ELEMENT	1
3	0000802727	COMPRESSION SPRING	1
4	0000802728	PIN	1

Ref.

No. Part No.

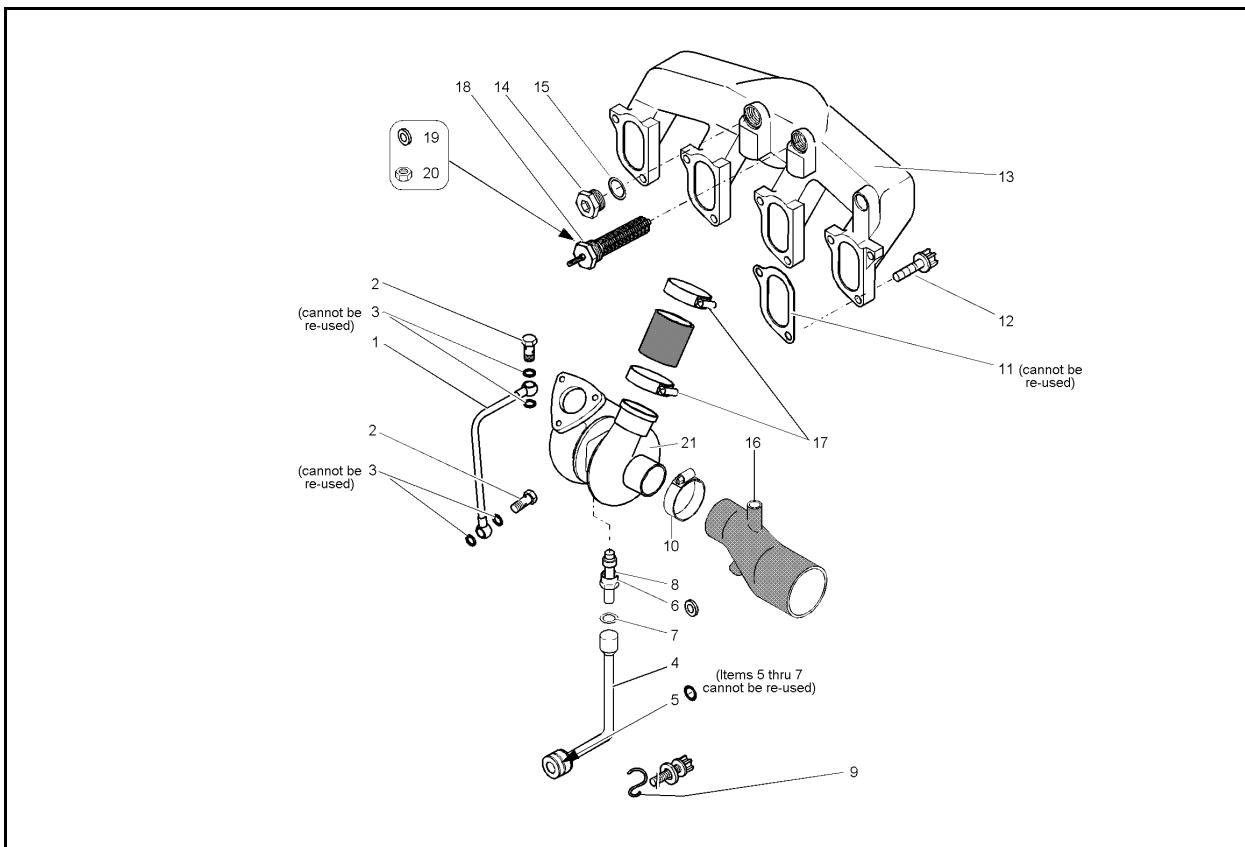
Description

Qty.

5	0000802729	WASHER	1
6	0000802730	NOZZLE CAP NUT	1
7	0000801391	SEALING RING	1
8	0000802693	OUTRIGGER	1

521 - INTAKE MANIFOLD & TURBOCHARGER SYSTEM

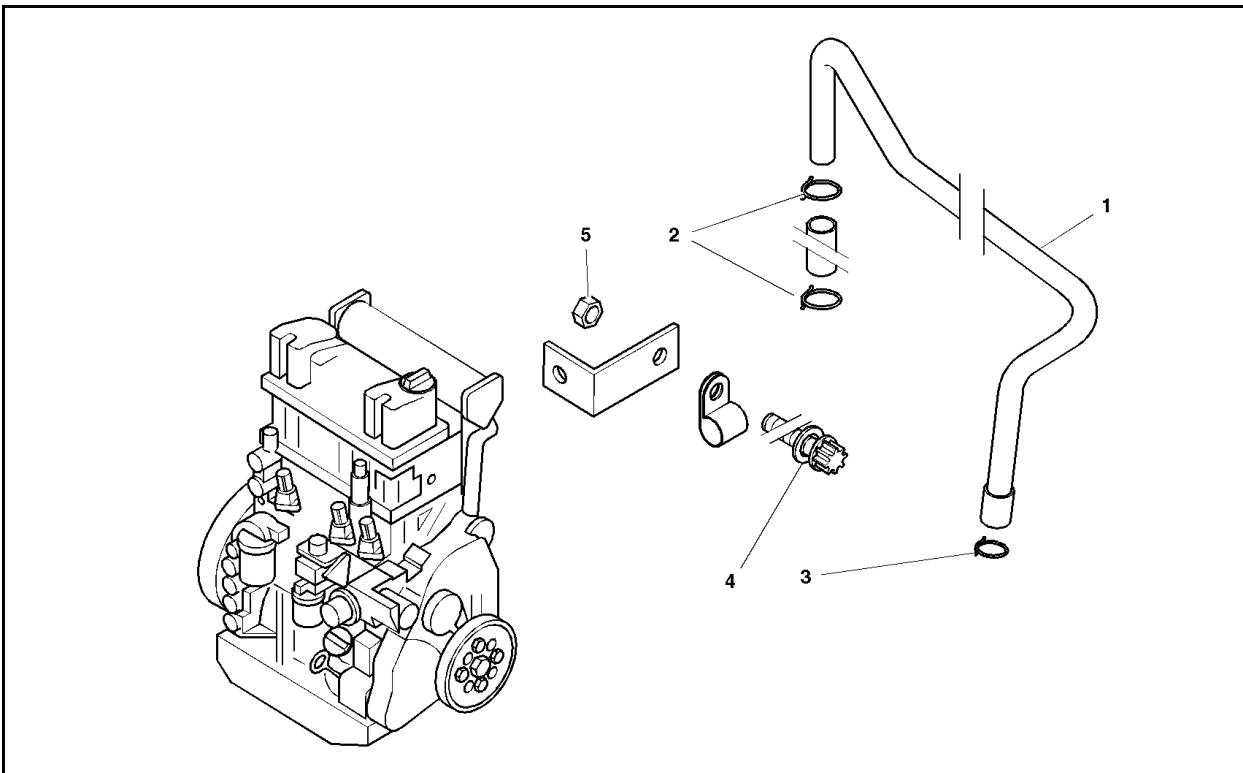
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Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000801945	LUBRICATION LINE	1	12 0009958368	SCREW M8 X 30	10
2 0000801847	BANJO BOLT	2	13 0000804273	INTAKE MANIFOLD	1
3 7593641017	SEALING RING 12 X 15.5	4	14 9909024G	SCREW	1
4 0000803391	RETURN LINE	1	15 7593641015	SEALING RING A 10 X 14	1
5 0000802933	O-RING 14 X 2.5	1	16 0000802005	REDUCER	1
6 163793	SEAL	1	17 0000801872	CLAMP	2
7 0000803392	O-RING	1	18 0000801399	GLOW PLUG BS0699	1
8 0000803393	FITTING	1	19 7593641034	SEALING RING A 22 X 27	1
9 0000802931	BOW CLIP	1	20 651456	LN INS M5-0.8 C8 ZY	1
10 0000801853	CLAMP D 50-70	1	21 133496	EXHAUST TURBOCHARGER	1
11 0000804274	GASKET	4			

521 - CRANKCASE VENT

1000137434



Ref.

No. Part No.

Description

Qty.

1	133552	BREATHER PIPE	1
2	0000801857	CLAMP	2
3	0000801866	CLAMP	1

Ref.

No. Part No.

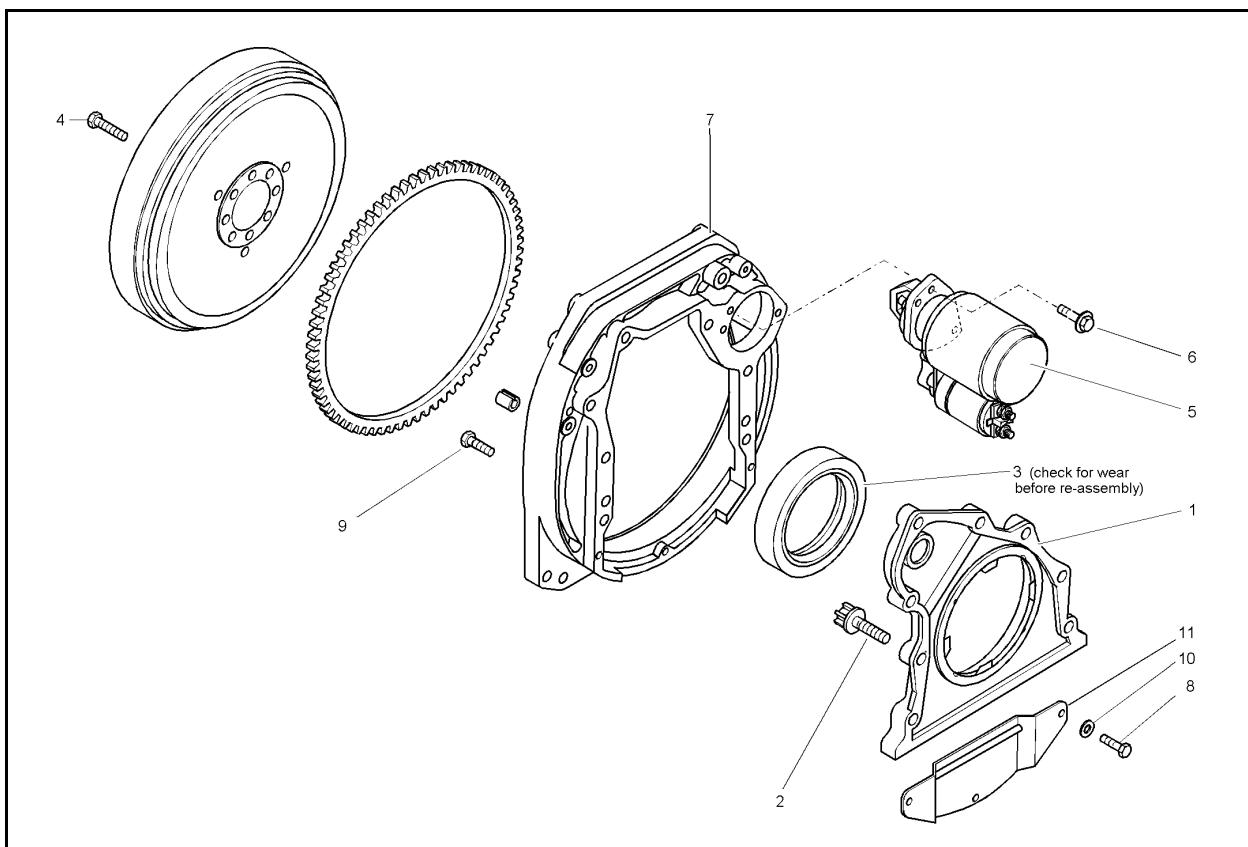
Description

Qty.

4	656093	CS M8-1.25 X 16 C8.8 ZY	1
5	656048	HN M8-1.25 C8 ZY DIN934	1

521 - REAR ENGINE COVER

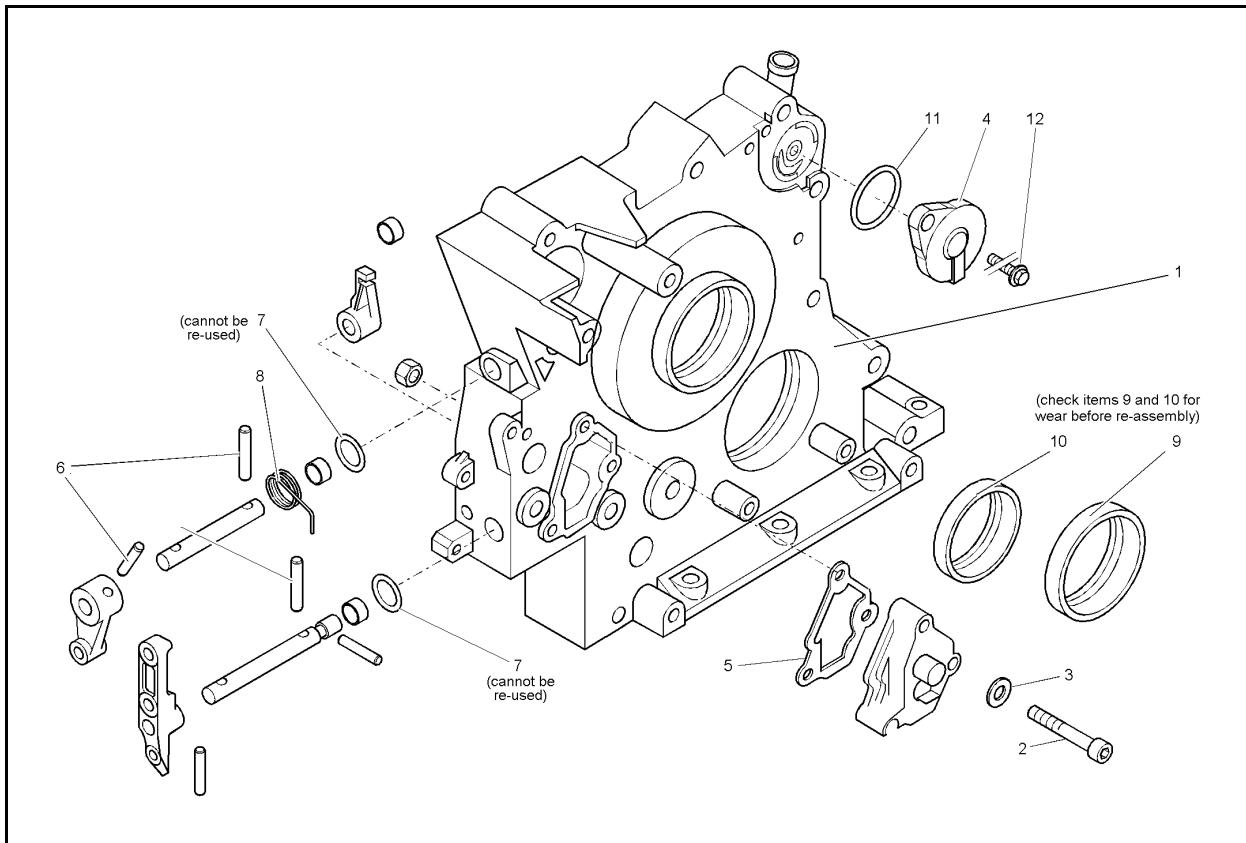
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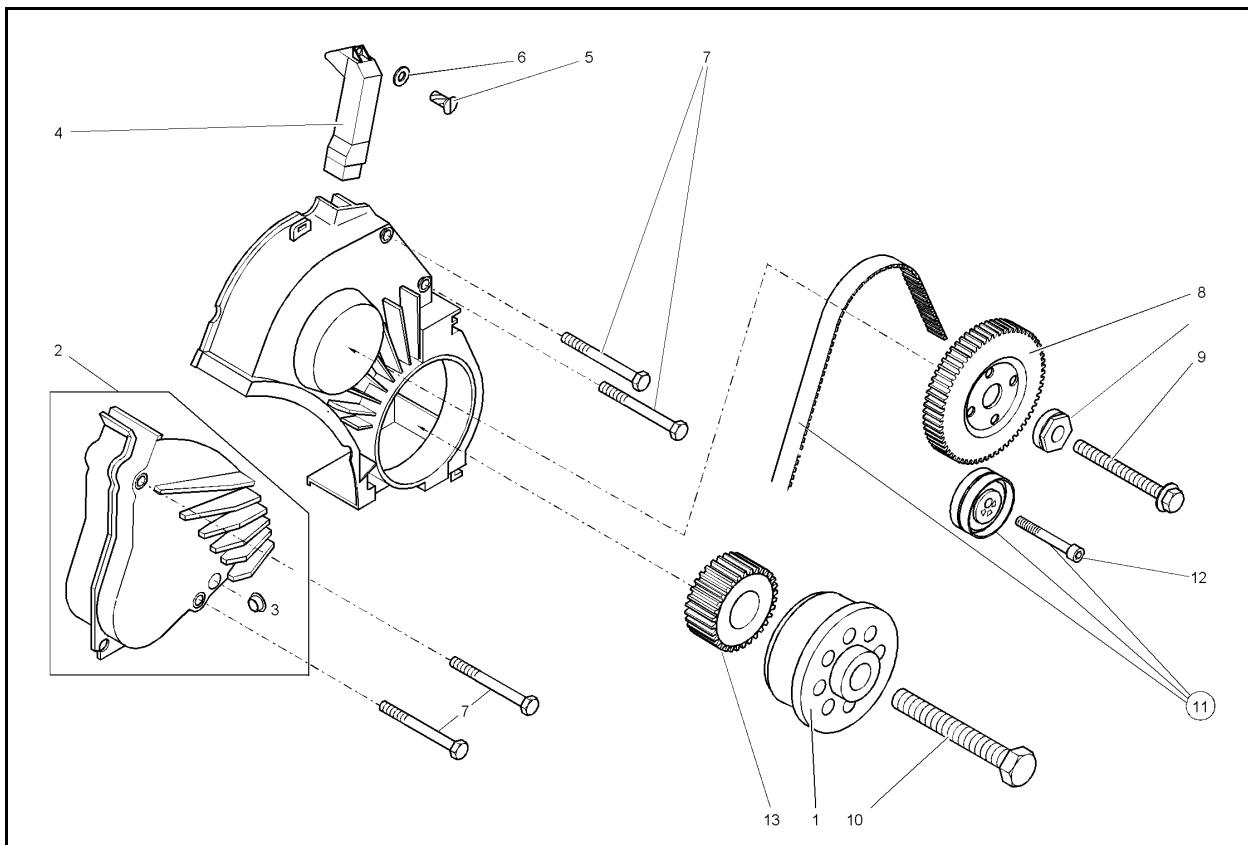
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000801978	REAR ENGINE COVER	1	7 135537	ADAPTOR HOUSING	1
2 656094	CS M8-1.25 X 30 C8.8 ZY	8	8 9901671G	HEX SCREW	3
3 0000801363	ROTARY SHAFT SEAL	1	9 651406	CS M12-1.75 X 35 C10.9 ZY	5
4 0000801922	SCREW	8	10 7451680107	WASHER B4.3-140HV A2C	3
5 0000809259	STARTER	1	11 187126	COVER PLATE	1
6 0000801894	HS M10 X 25	2			

521 - FRONT ENGINE COVER

1000137436



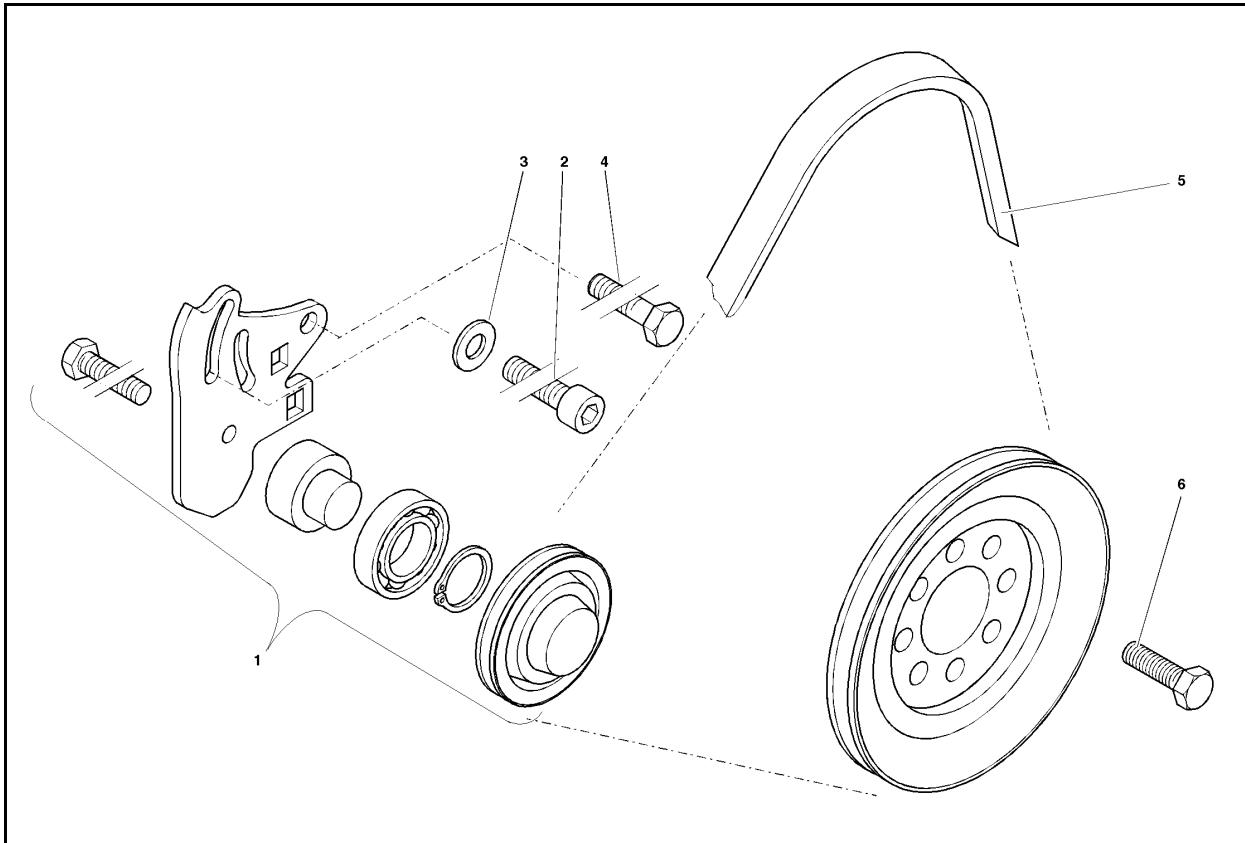
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	133425	FRONT ENGINE COVER	1	7	0000802741	O-RING 10 X 3	2
2	7252677036	SHCS M6 X 35-8.8 A2C	3	8	133383	TORSION SPRING	1
3	7451680109	WASHER B6.4-140HV A2C	3	9	0000801369	ROTARY SHAFT SEAL	1
4	0000802765	BREATHER VALVE	1	10	0000801368	ROTARY SHAFT SEAL	1
5	0000802742	SEAL	1	11	0000802764	O-RING 45 X 4	1
6	7514682132	STRAIGHT PIN 5 X 18	3	12	164895	SCREW	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000801965	FLANGE	1	8	0000801963	TOOTHED BELT WHEEL	1
2	0000802906	BELT COVER ASSY	1	9	0000801898	HS M14-1.5 X 110	1
3	0009900040	PLUG D 15.6 LG 8	1	10	0000801911	HEX HEAD SCREW	1
4	0000801972	GUIDE	1	11	0000802761	TOOTHED BELT W/PULLEY	1
5	163343	SCREW	1	12	7252677086	SHCS M10 X 45-8.8 A2C	1
6	7451680107	WASHER B4.3-140HV A2C	1	13	0000801949	TOOTHED BELT WHEEL	1
7	7234677056	HB M6 X 70-8.8 A2C	4				

521 - PULLEY

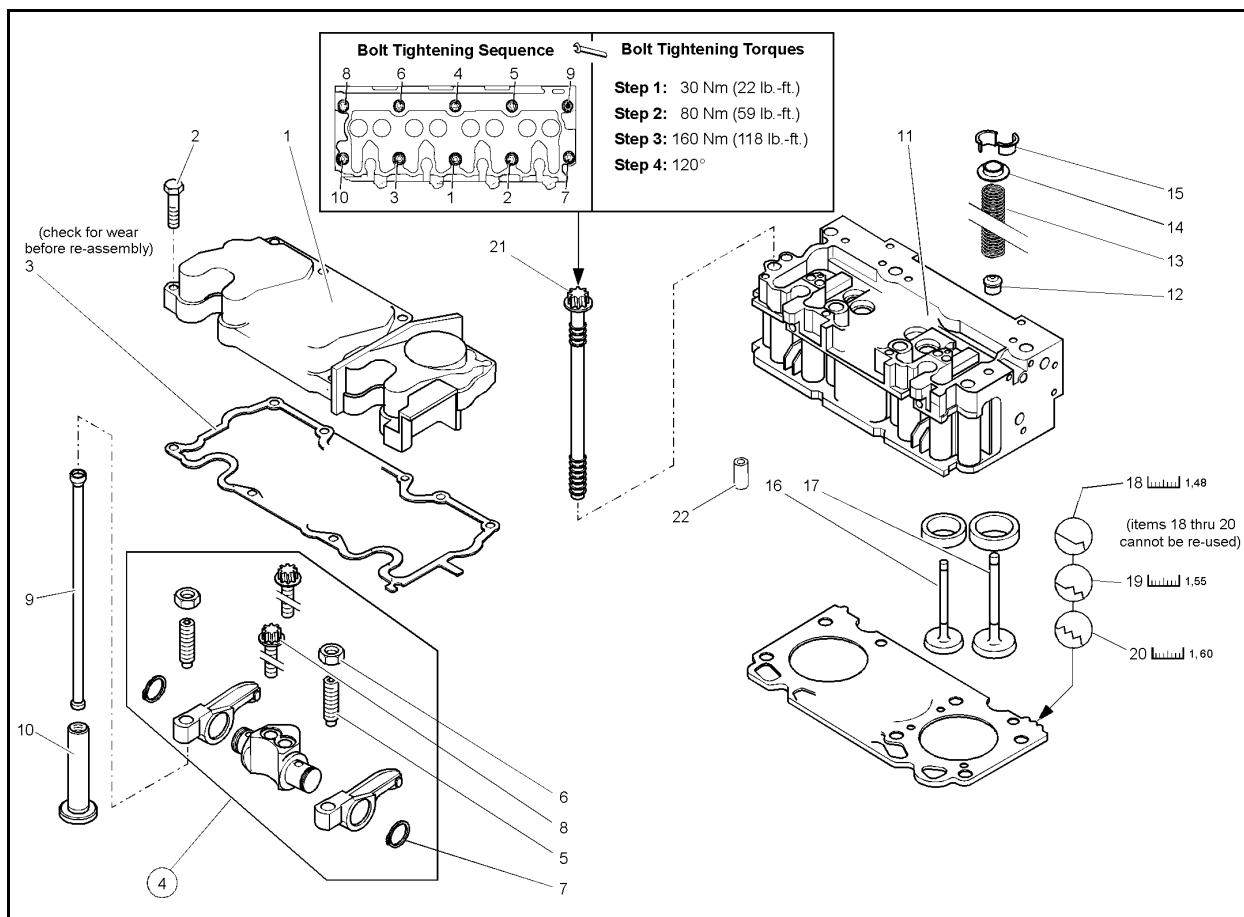
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Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000801969	IDLER	1	4 651393	CS M10-1.5 X 25 C8.8 ZY	1
2 651473	SHCS M10-1.25 X 25 F8.8 ZY	1	5 0000808895	V-BELT 10 X 1150 LA	1
3 7451680112	WASHER B10.5-140HV A2C	1	6 0000808901	HS 10 X 30	8

521 - CYLINDER HEAD & VALVE COVER

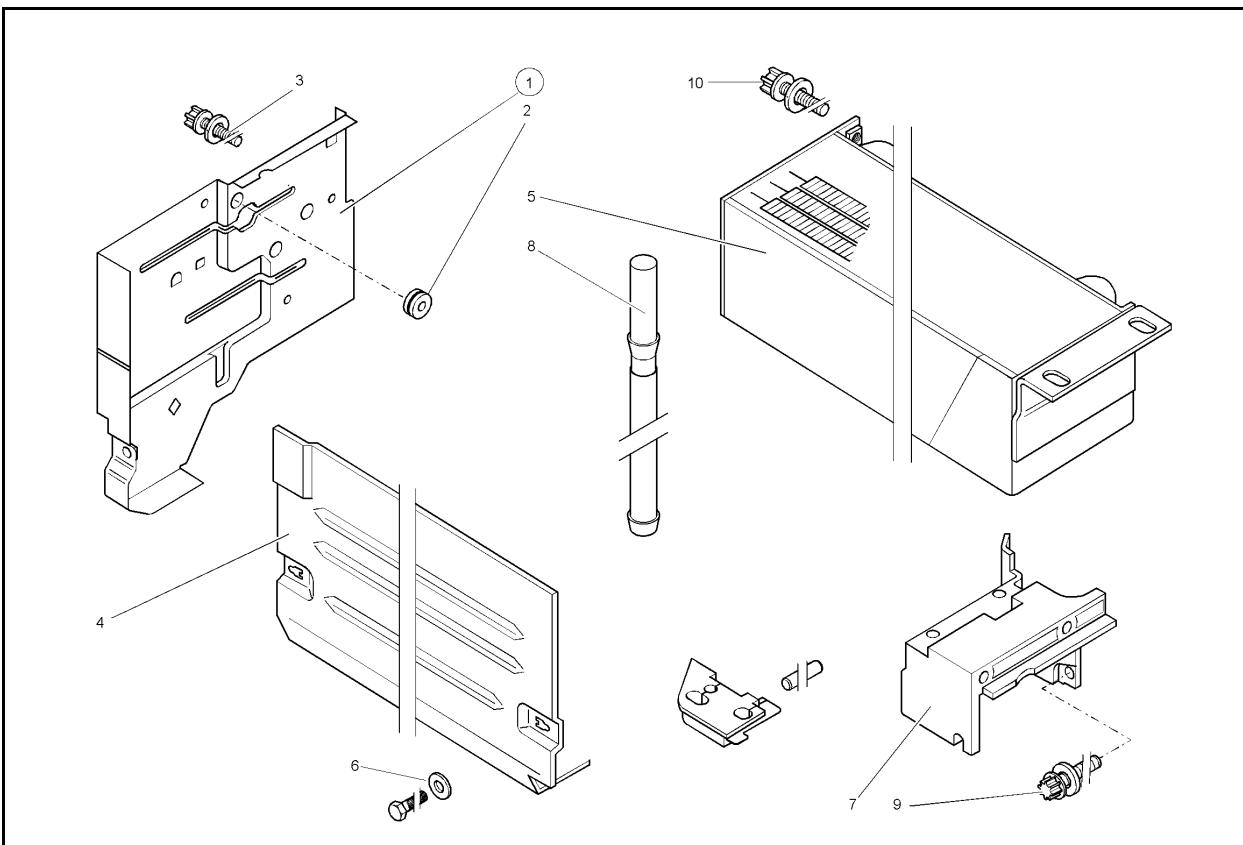
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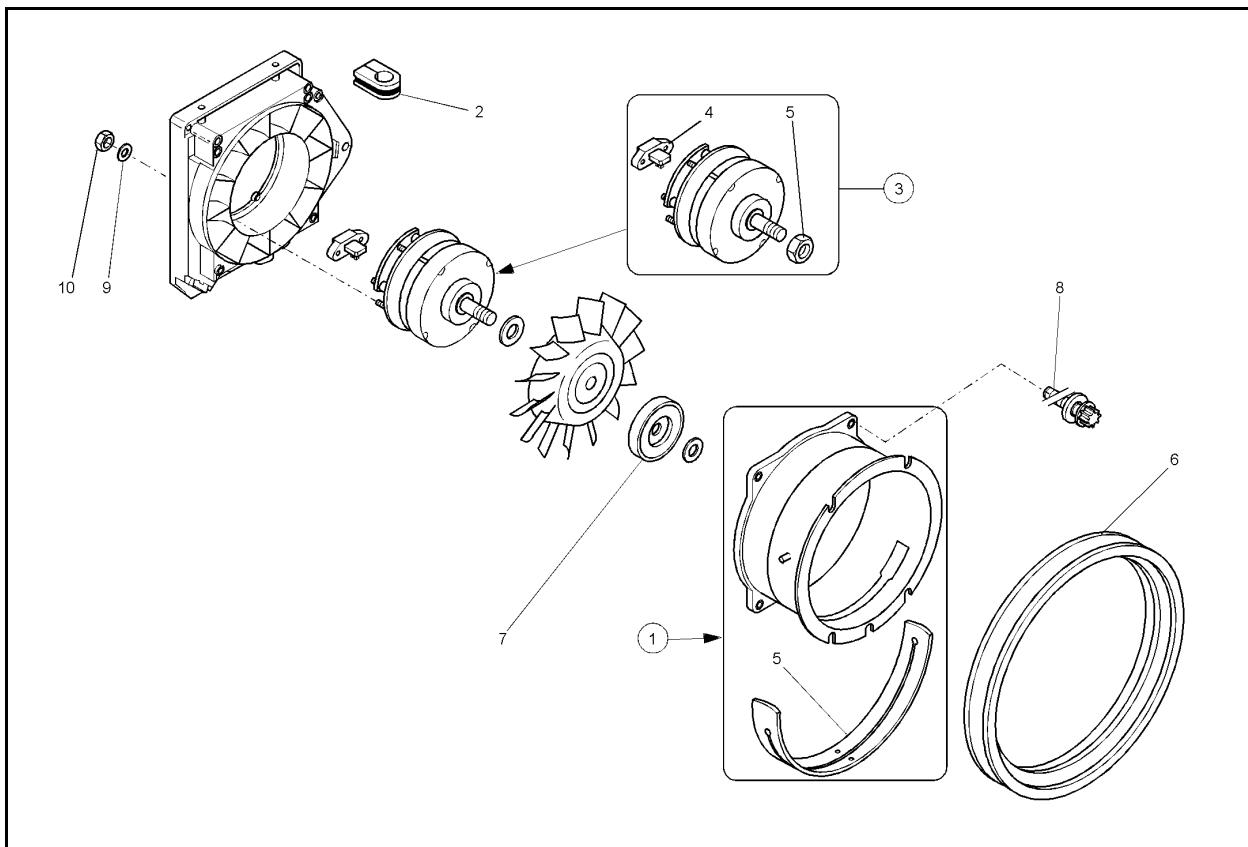
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	133565	VALVE COVER	1	12	0000801929	VALVE STEM SEAL	8
2	656128	CS M6-1 X 30 C8.8 ZY	10	13	0000802658	COMPRESSION SPRING	8
3	0000802903	VALVE COVER GASKET	1	14	187148	SPRING CAP	8
4	0000801953	ROCKER ARM BRACKET	3	15	133322	VALVE CONE	16
5	0000801920	ADJUSTING SCREW	6	16	0000801934	INTAKE VALVE	4
6	0000801921	HEX NUT	6	17	0000802253	EXHAUST VALVE	4
7	7490682018	CIRCLIP 18 X 1.2	6	18	0000802899	CYLINDER HEAD GASKET (1.48MM) AR	
8	0000801881	TORX HEAD SCREW BM 8 X 45	6	19	0000802900	CYLINDER HEAD GASKET (1.55MM) AR	
9	0000801918	PUSH ROD	8	20	0000802901	CYLINDER HEAD GASKET (1.60MM) AR	
10	0000804268	VALVE TAPPET	8	21	135535	CYLINDER HEAD BOLT	10
11	187530	CYLINDER HEAD	1	22	133427	SPACER PIN	2

521 - OIL COOLER INSTALLATION

1000137440



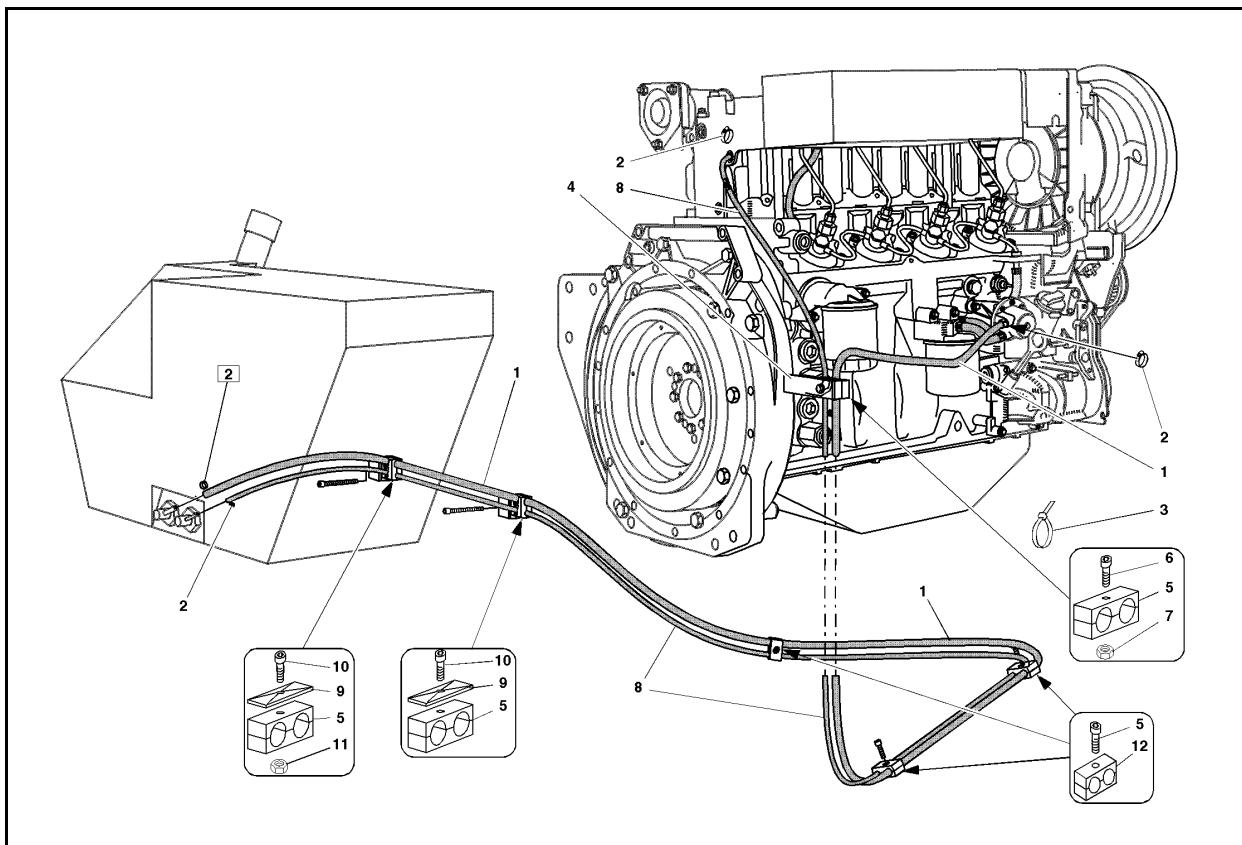
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802751	COVER	1	6 7460094005	WASHER 8.4	2
2 0000801851	GROMMET 13.5 X 17 X 1.5	1	7 0000802749	AIR GUIDANCE	1
3 0000802671	TORX HEAD SCREW M8 X 20	3	8 0000802672	CONNECTING PIECE	2
4 0000802918	HOOD	1	9 0000801893	TORX HEAD SCREW M8 X 25	1
5 0000802909	OIL COOLER	1	10 0000802671	TORX HEAD SCREW M8 X 20	2



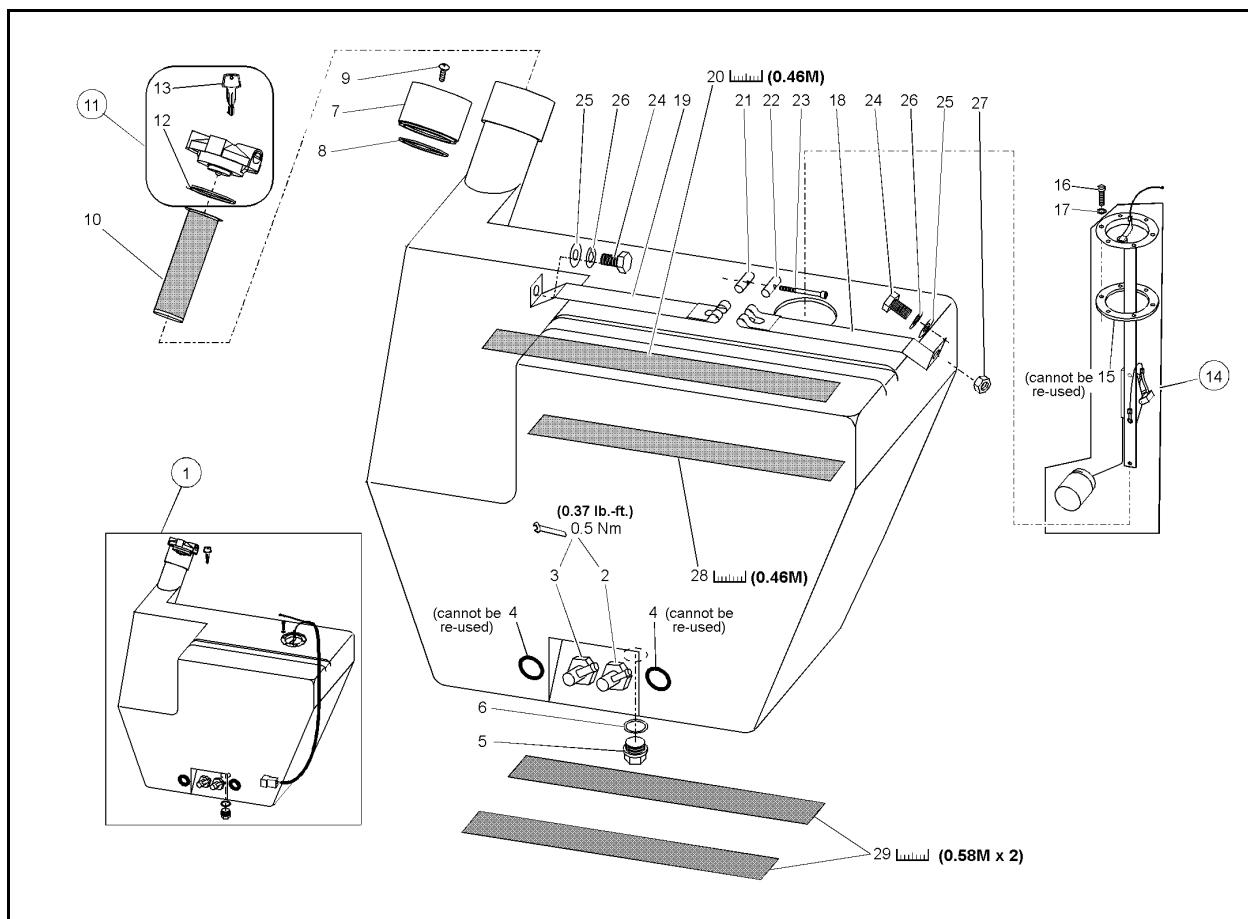
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802913	BLOWER JACKET/FRONT	1	6 0000802743	PROFILE 118	1
2 0000801951	RUBBER SLEEVE	2	7 0000802001	BELT PULLEY	1
3 0000809493	ALTERNATOR (80A)	1	8 0000802915	TORX HEAD SCREW M8 X 30-8.8	4
4 0000808898	GOVERNOR	1	9 7451680108	WASHER B5.3	4
5 0000802745	SEAL	1	10 656100	HN M5-0.8 C8 ZY	4

521 - FUEL LINE

1000137442



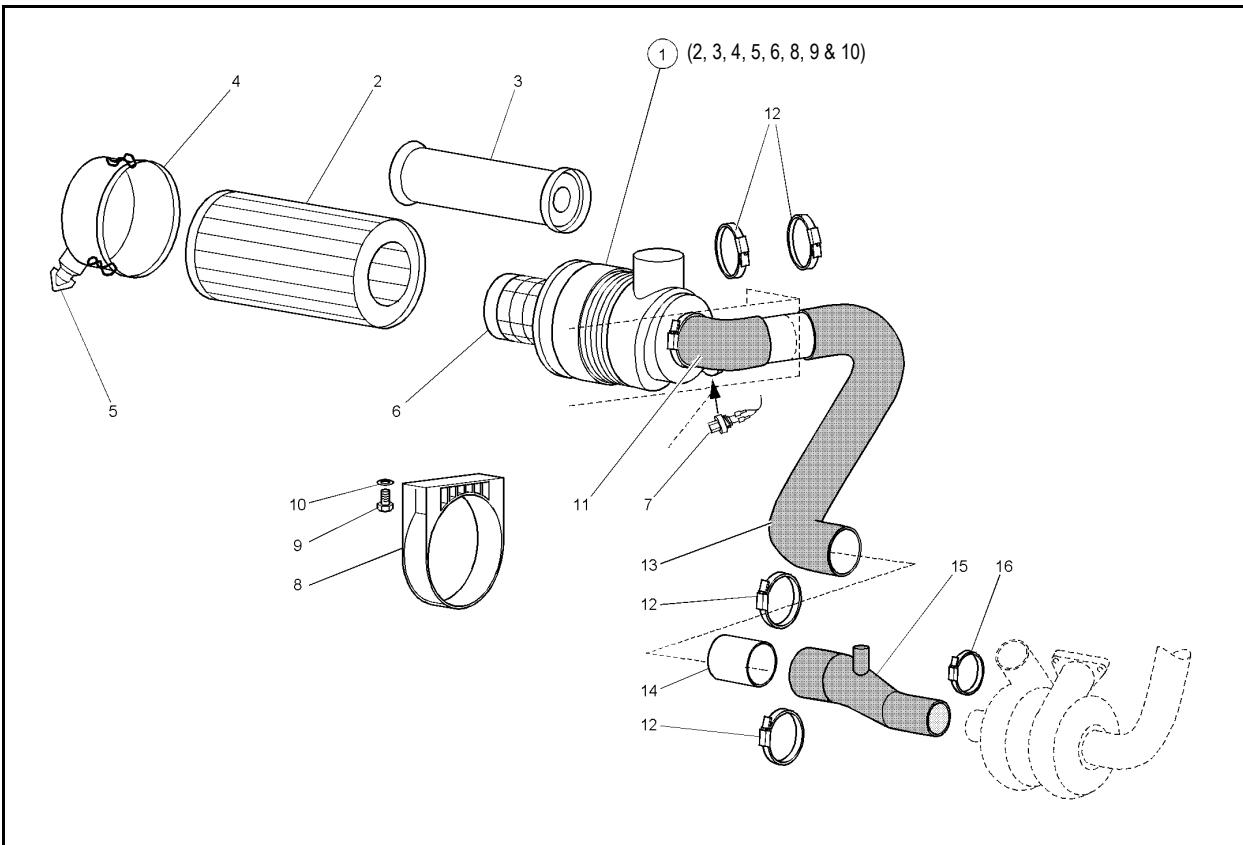
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 205619	HOSE D 8 X 3 (1.0M)	1	7 656048	HN M8-1.25 C8 ZY DIN934	1
2 0009937750	CLAMP 10/7	4	8 205620	HOSE D 5.5 X 2.5 (1.0M)	1
3 0009933315	CABLE STRAP 142 X 3.6	3	9 0009930585	COVER PLATE GD 2 D	2
4 1380830140	BRACKET	1	10 651438	HB M8-1.25 X 70 C8.8 ZY	2
5 0009937450	CLAMP 14/10	6	11 656048	HN M8-1.25 C8 ZY DIN934	1
6 7252677048	FHCS M8 X 35-8.8 A2C	1	12 651516	SHCS M8-1.25 X 25 C8.8 ZY	3



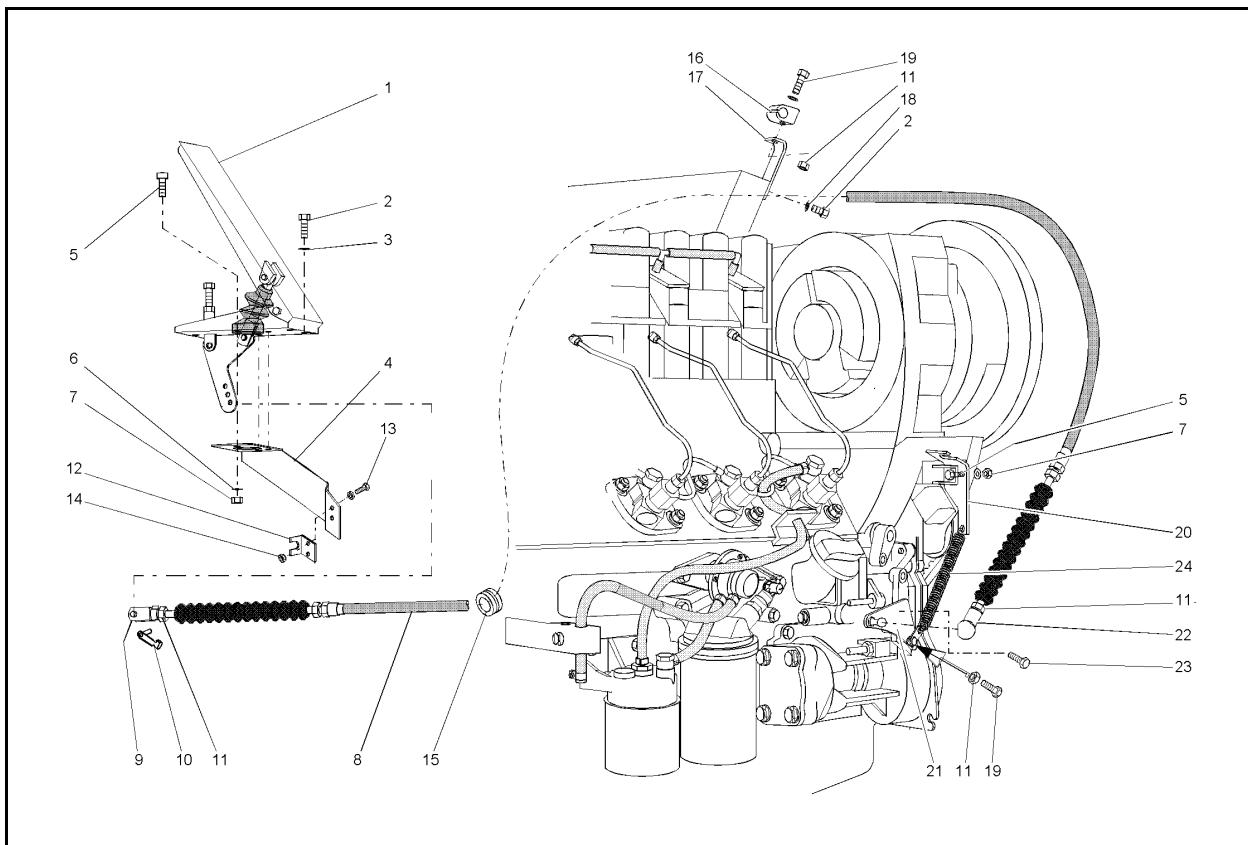
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0371600103	FUEL TANK COMPLETE	1	16	651421	CS M4-0.7 X 16 C8.8 ZY	6
2	0361610143	FITTING 3-G1/2	1	17	0009923728	SPRING WASHER VSK 4	6
3	0361610243	FITTING 5.6-G1/2	1	18	1009939111	TIGHTENING STRAP	1
4	0009966770	O-RING 18.42 X 5.33	2	19	1009938911	TIGHTENING STRAP	1
5	0009909709	SCREW PLUG M14 X 1.5	1	20	206532	RUBBER BAND 30 X 5 (0.46M)	1
6	0009969115	SEALING RING 20 X 11 X 3	1	21	0009900015	PIN D12 LG30 FE/ZN8C	1
7	0361610043	FILTER INLET GR 60/VI	1	22	0009900115	PIN D12 LG30 FE/ZN8C	1
8	0009966870	O-RING 68 X 6	1	23	7252677054	SHCS M8 X 65-8.8 A2C	1
9	7316681510	CB ST 3 X 10	4	24	7236677130	HS M8 X 18-8.8 A2C	2
10	0001611102	SCREEN B 60L X 120	1	25	7462680011	WASHER 8.4 ST A2C	2
11	0371610003	FILLER CAP W/KEY	1	26	206958	WASHER	2
12	0000801583	SEAL	1	27	656048	HN M8-1.25 C8 ZY DIN934	1
13	0000801582	KEY	1	28	206532	RUBBER BAND 30 X 5 (0.46M)	1
14	0003362201	LEVEL SENSOR	1	29	206534	RUBBER BAND 30 X 5 (0.58M)	2
15	0000801838	GASKET	1				

521 - AIR INTAKE SYSTEM

1000137444



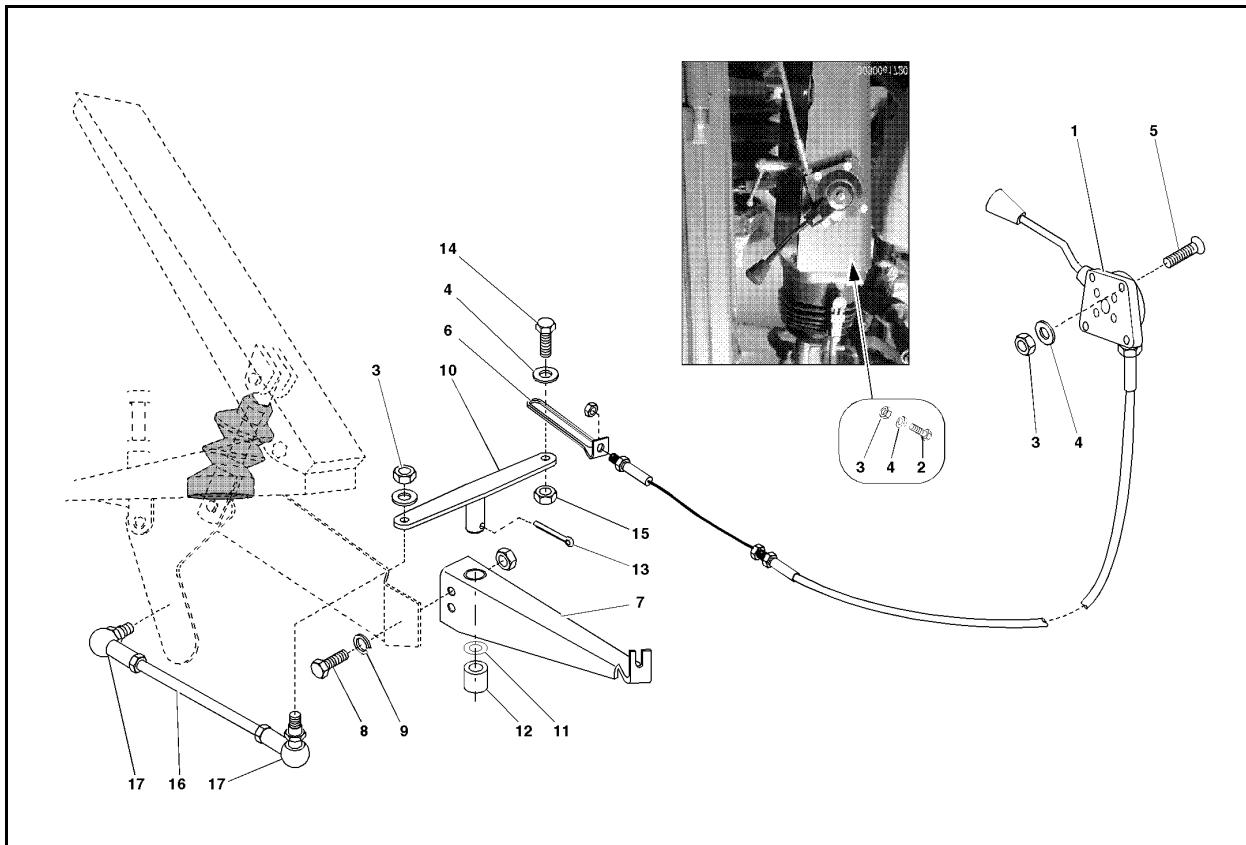
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0009938001	AIR FILTER COMPLETE	1	9 656105	CS M8-1.25 X 25 C8.8 ZY	2
2 0000805187	AIR FILTER ELEMENT/OUTER	1	10 7462680011	WASHER 8.4 ST A2C	2
3 0000805188	AIR FILTER ELEMENT/INNER	1	11 0381010318	PRE-SHAPED HOSE	1
4 0000807545	COVER	1	12 0009937929	CLAMP D 70-90/12 AS	4
5 165296	DUST VALVE	1	13 0381010218	PRE-SHAPED HOSE	1
6 0161010054	PIPE	1	14 1431010254	PIPE	1
7 164337	DIRT INDICATOR	1	15 0000802005	REDUCER	1
8 0009935151	CLAMP	1	16 0000801853	CLAMP D 50-70	1



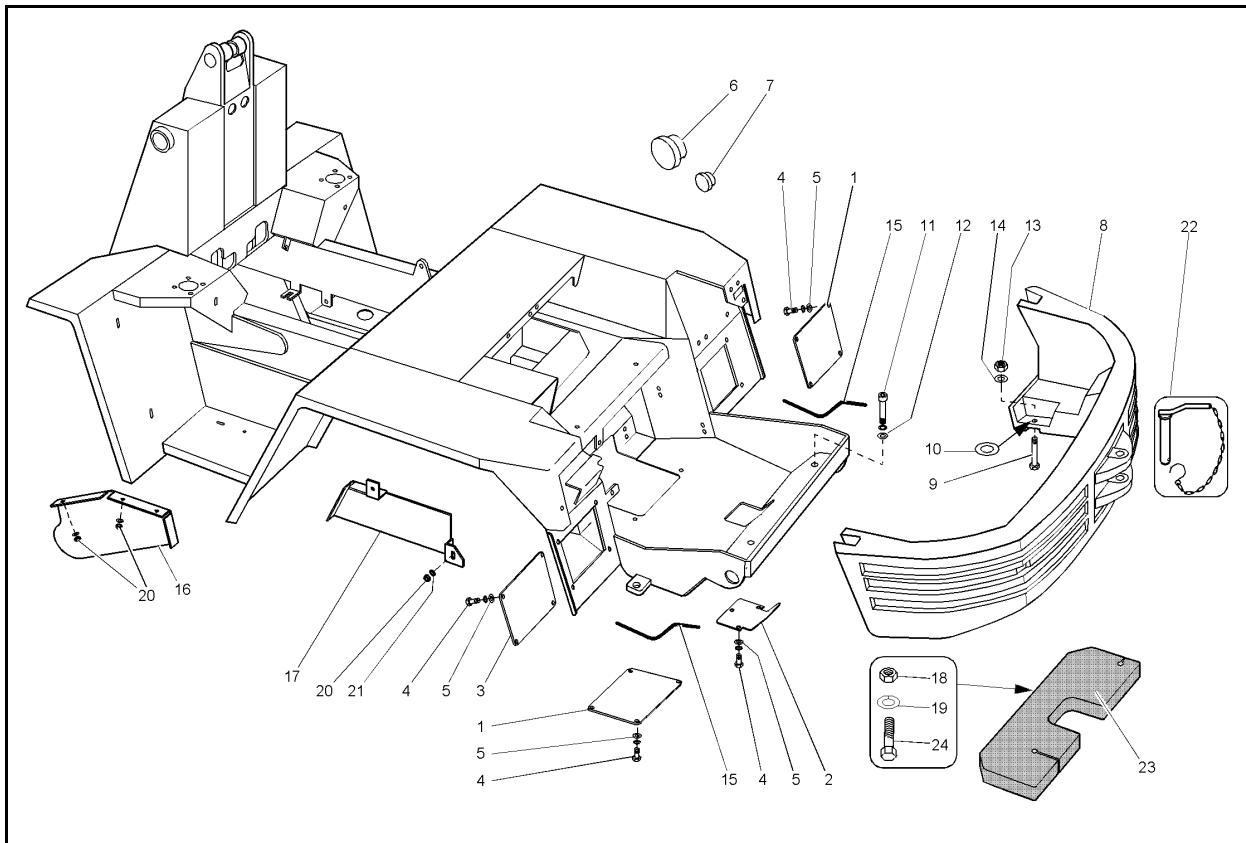
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0381700004	THROTTLE PEDAL	1	13	651521	CS M5-0.8 X 16 C8.8 ZY	2
2	656092	CS M6-1 X 12 C8.8 ZY	4	14	656100	HN M5-0.8 C8 ZY	2
3	7462680008	WASHER	6	15	0009966142	CABLE SLEEVE	1
4	0000802216	CABLE BRACKET	1	16	0009939850	CLAMP	1
5	177648	HEX SCREW	5	17	1381710025	ANGLE PLATE	1
6	163634	WASHER	3	18	7451680109	WASHER B6.4-140HV A2C	1
7	7405677005	HN M8-8 A2C	4	19	164895	SCREW	2
8	0381710059	THROTTLE CABLE	1	20	1381710134	PLATE	1
9	7821104306	CLEVIS	1	21	1381710017	LEVER	1
10	0009908115	SPRING CLIP PIN	1	22	7824670271	ANGLE JOINT CS 10-A3C	1
11	656047	HN M6-1 C8 ZY	4	23	7236677079	HS M6 X 16-8.8 A2C	1
12	1381710034	CLAMP	1	24	0009927501	TENSION SPRING	1

521 - HAND THROTTLE

1000137446



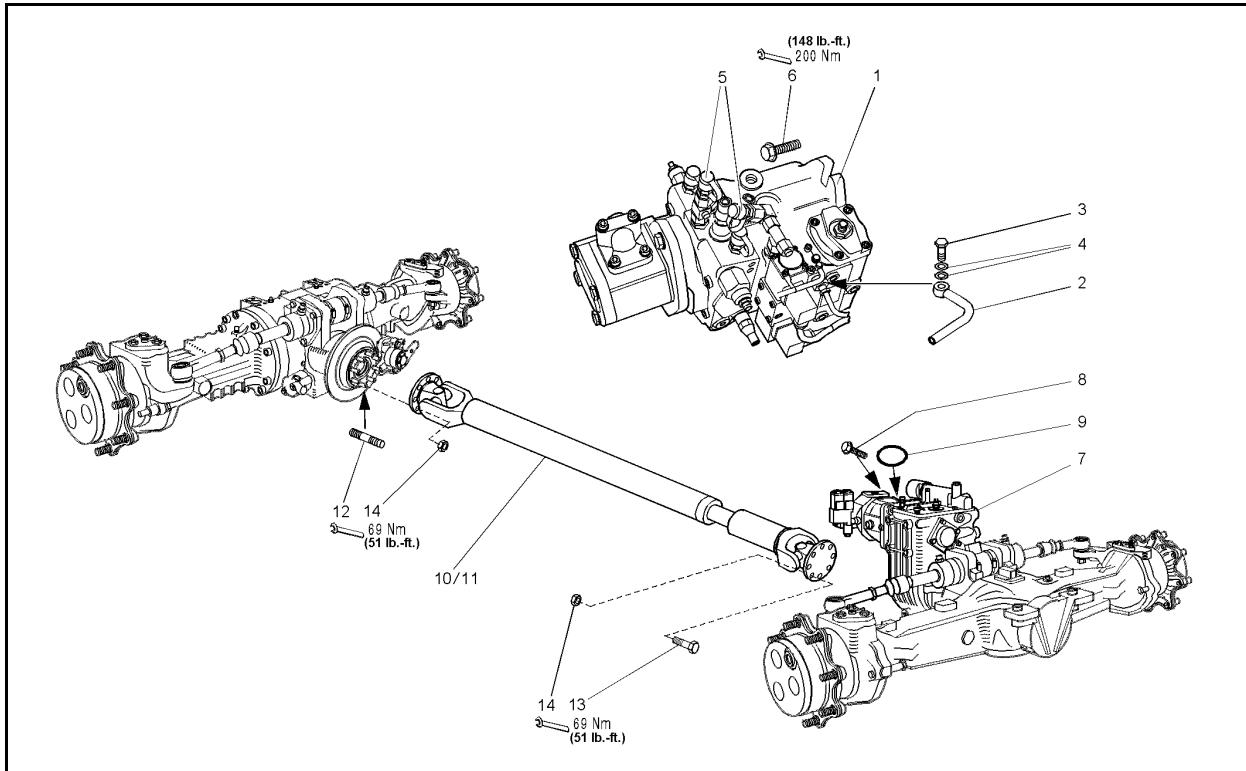
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0381700010	HAND THROTTLE W/CABLE	1	9	656100	HN M5-0.8 C8 ZY	2
2	7272671155	COUNTERSUNK SCREW M6 X 25-4.8 H A2C	4	10	1491700010	LEVER	1
3	656047	HN M6-1 C8 ZY	12	11	0009940806	FRICTION BEARING	1
4	7462680008	WASHER	7	12	7451680112	WASHER B10.5-140HV A2C	1
5	651507	SHCS M6-1 X 20 C8.8 ZY	1	13	7530680039	COTTERPIN 3.2 X 20	1
6	1641710078	EYELET	1	14	7236677079	HEX SCREW M6 X 16-8.8 A2C	1
7	1491700042	SUSPENSION	1	15	651457	LN INS M6-1 C8 ZY	1
8	651521	CS M5-0.8 X 16 C8.8 ZY	2	16	1491710045	LINKAGE	1
				17	7824670271	ANGLE JOINT CS 10-A3C	2



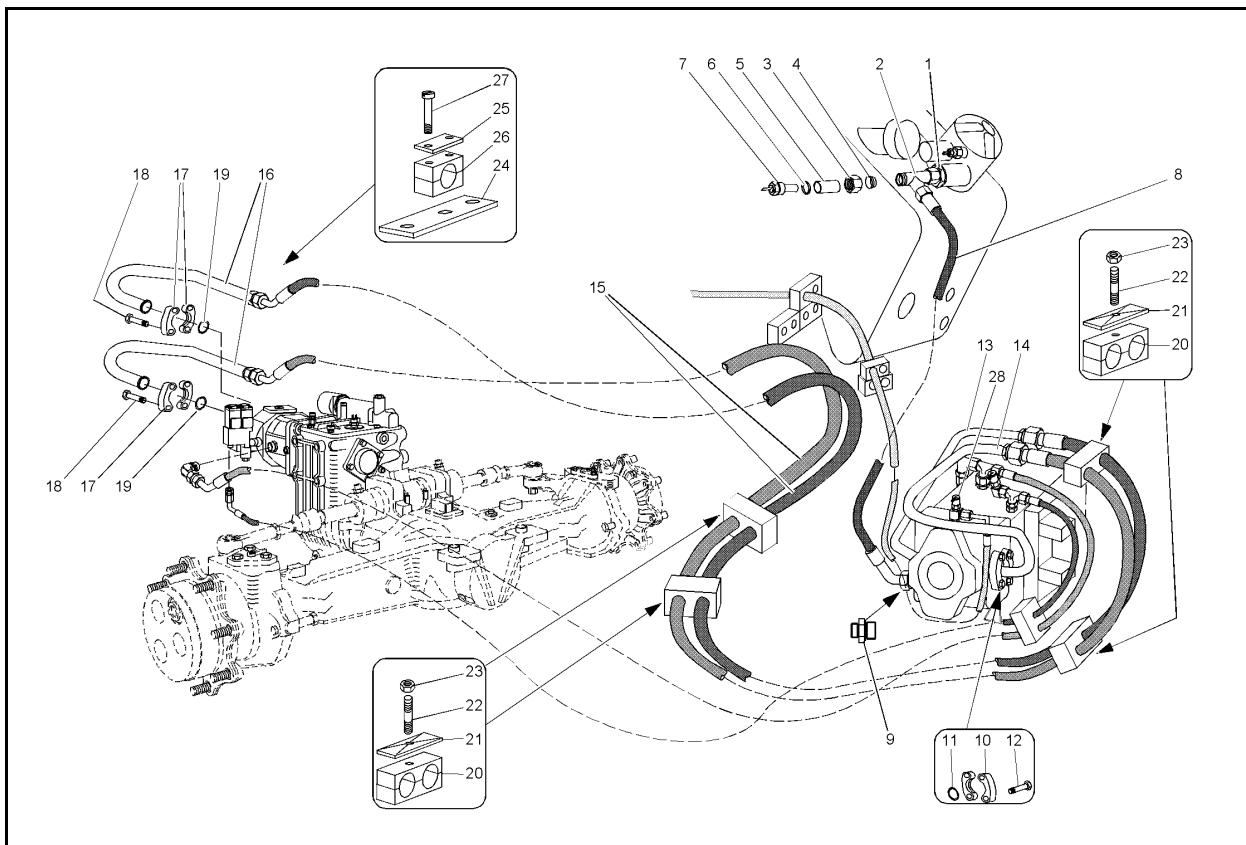
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0383050526	COVER	1	14 651452	HLN INS M20-2.5 ZO	2
2 1383050326	COVER	1	15 0009966386	PROFILE	2
3 1383050226	COVER	1	16 0383020073	COVER PLATE LT	1
4 656093	CS M8-1.25 X 16 C8.8 ZY	15	0383020173	COVER PLATE RT	1
5 7462680011	WASHER 8.4 ST A2C	15	17 0383020273	COVER PLATE LT	1
6 0009908009	PLUG	2	0383020373	COVER PLATE RT	1
7 0009901810	PLUG	1	18 651451	HLN INS M16-2.0 ZO	2
8 0382051212	COUNTERWEIGHT	1	19 7451680116	WASHER B17-140HV A2C	2
9 7234677230	HS M20 X 110-8.8 A2C	2	20 656048	HN M8-1.25 C8 ZY DIN934	10
10 7469172005	WASHER	1	21 163634	WASHER	10
11 7252677256	SHCS M20 X 60-8.8 A2C	2	22 0382000029	TOWING PIN COMPLETE	1
12 0009928928	SPRING WASHER VSK 20	2	23 0382000055	SUPPLEMENTAL BALLAST WEIGHT	1
13 7460094061	WASHER 21	6	24 7234677181	HS M16 X 120-8.8 A2C	2

521 - VARIABLE DISPLACEMENT PUMP INSTALLATION

1000137448



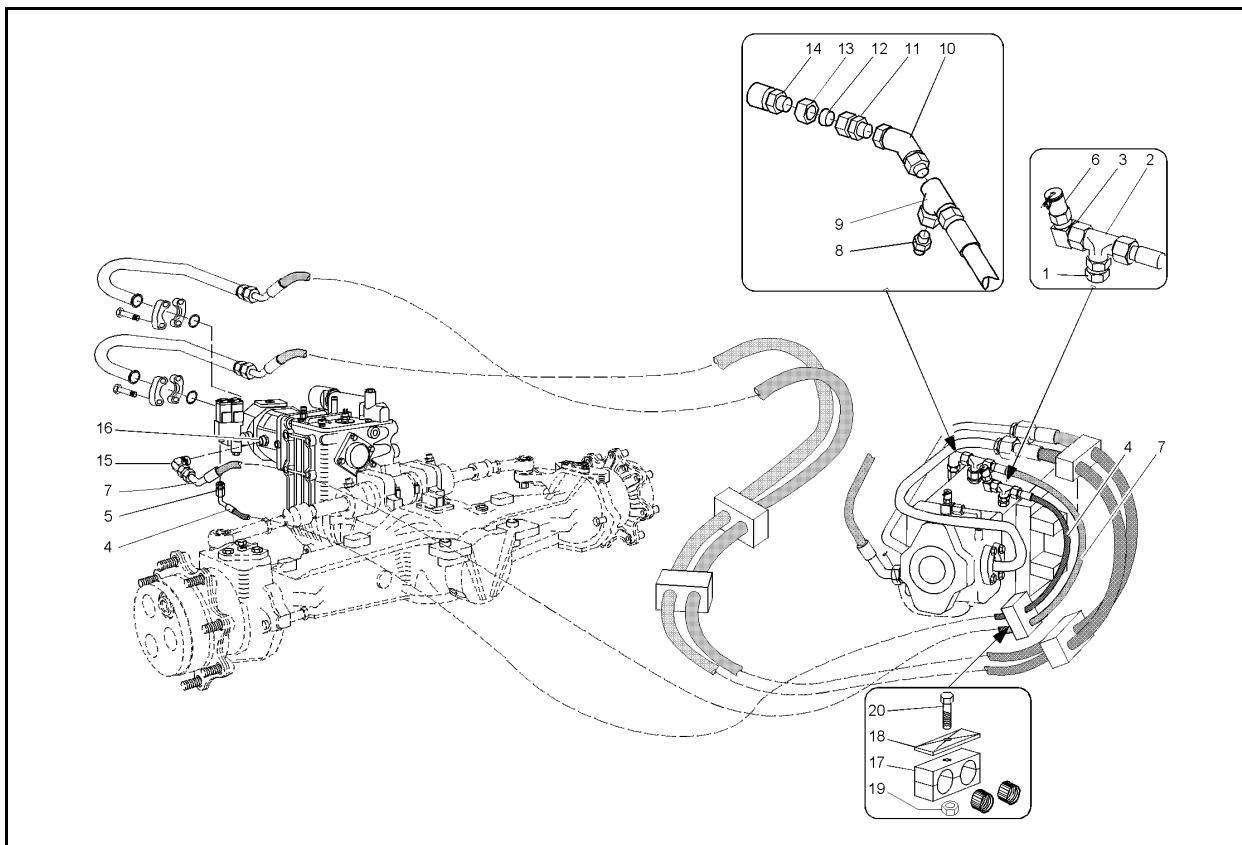
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	0003616698	VARIABLE DISPLACEMENT PUMP See page 32 for individual components	1	8	0009959068	SCREW M12 X 40-8.8 A3C	4
2	0383606991	BREATHER LINE	1	9	0009965370	O-RING 139.37 X 2.62	1
3	0009912823	BANJO BOLT	1	10	0002295322	DRIVESHAFT (12.5 MPH)	1
4	7593641006	SEALING RING	2	11	0002294522	DRIVESHAFT (25 MPH)	1
5	0003635664	TEST CONNECTION M12 X 1.5 A3C	2	12	208421	STUD BOLT	8
6	0009953268	SCREW M16 X 35	2	13	656008	CS M10-1.5 X 30 C8.8 ZY DIN931	8
7	0003611403	VARIABLE DISPLACEMENT MOTOR See page 34 for individual components	1	14	7409678208	HN M10-10 V A2F	16



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003632162	SCREW CONN. GE18LR R1E A3C	1	15 0003651613	HP HOSE	2
2 161449	ELBOW	1	16 0383606391	PIPE LINE	1
3 7788010665	UNION NUT AI 18 VERZ.	1	17 0003638948	FLANGE HALF	4
4 7786680106	OLIVE BI 18-ST	1	18 0009967508	O-RING 32.92 X 3.53	2
5 1553630283	REDUCER D18 FE/ZN 8C	1	19 0009959068	SCREW 12 X 40-8.8 A3C	8
6 163756	SEAL	1	20 0009936450	CLAMP 30/30	3
7 0003363203	TEMPERATURE SENSOR	1	21 0009931285	COVER PLATE GD 4D	3
8 0003652004	HP HOSE	1	22 7397677088	STUD BOLT M8 X 65-8.8 A2C	3
9 0003632165	SCREW CONN. GE18LM M33 X 2 A3C	1	23 7405677005	HN M8-8 A2C	3
10 0003638848	FLANGE HALF 3/4	4	24 0383610140	SUPPORT BRACKET	1
11 0009967408	O-RING 25 X 3.53	2	25 0009933185	COVER PLATE	2
12 651397	CS M10-1.5 X 35 C8.8 ZY	8	26 0009932251	CLAMP 3D 25 PPH	2
13 0383600391	PIPE LINE 25 X 4 FE/ZN 12C	1	27 162028	SCREW	4
14 0383600491	PIPE LINE 25 X 4 FE/ZN 12C	1	28 0003630669	CAP AND CHAIN	1

521 - DRIVE PILOT INSTALLATION

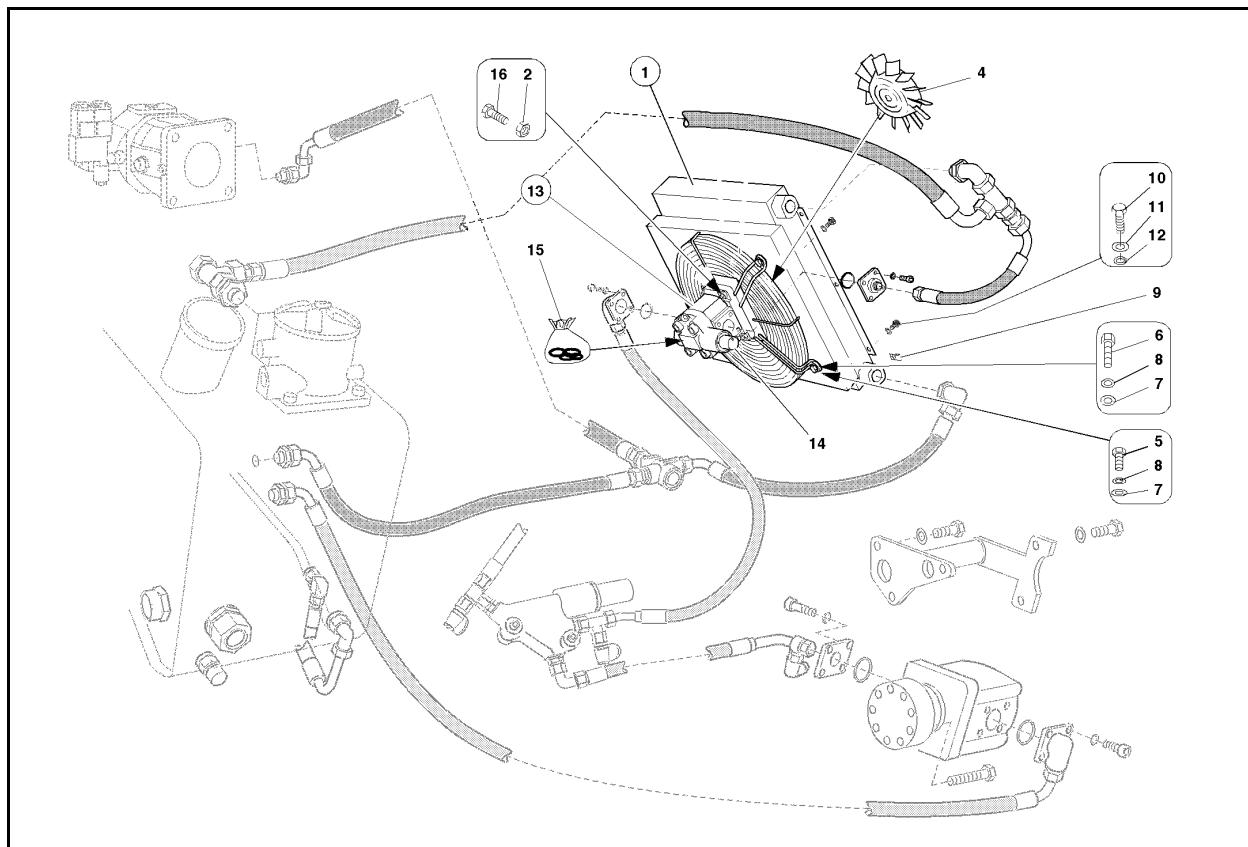
1000137450



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003638366	SCREW CONNECTION	1	11 0003632383	REDUCER	1
2 0003630817	SCREW CONN. T 10L O.M S A3C	1	12 7786680106	OLIVE BI 18-ST	1
3 0003630663	TEST CONNECTION 10L A3C	1	13 7788010665	UNION NUT AI 18 VERZ.	1
4 0003654912	HP HOSE	1	14 0003618484	DRAIN COUPLING M18 X 1.5	1
5 164949	SCREW JOINT	1	15 161451	TEE	1
6 0003630664	TEST CONNECTION M14 X 1.5 A3C	1	16 0003635015	SCREW CONNECTION GE 18 LM M18 X 1.5 E A3C	2
7 0003655012	HP HOSE	1	17 0009936350	CLAMP	2
8 0003639769	SCREW CONNECTION	1	18 0009930685	COVER PLATE GD 3 D	2
9 161447	90° FITTING	1	19 656048	HN M8-1.25 C8 ZY DIN934	1
10 0003631171	SCREW CONNECTION	1	20 656004	CS M8-1.25 X 55 C8.8 ZY	1

521 - HYDRAULIC MOTOR OIL COOLER

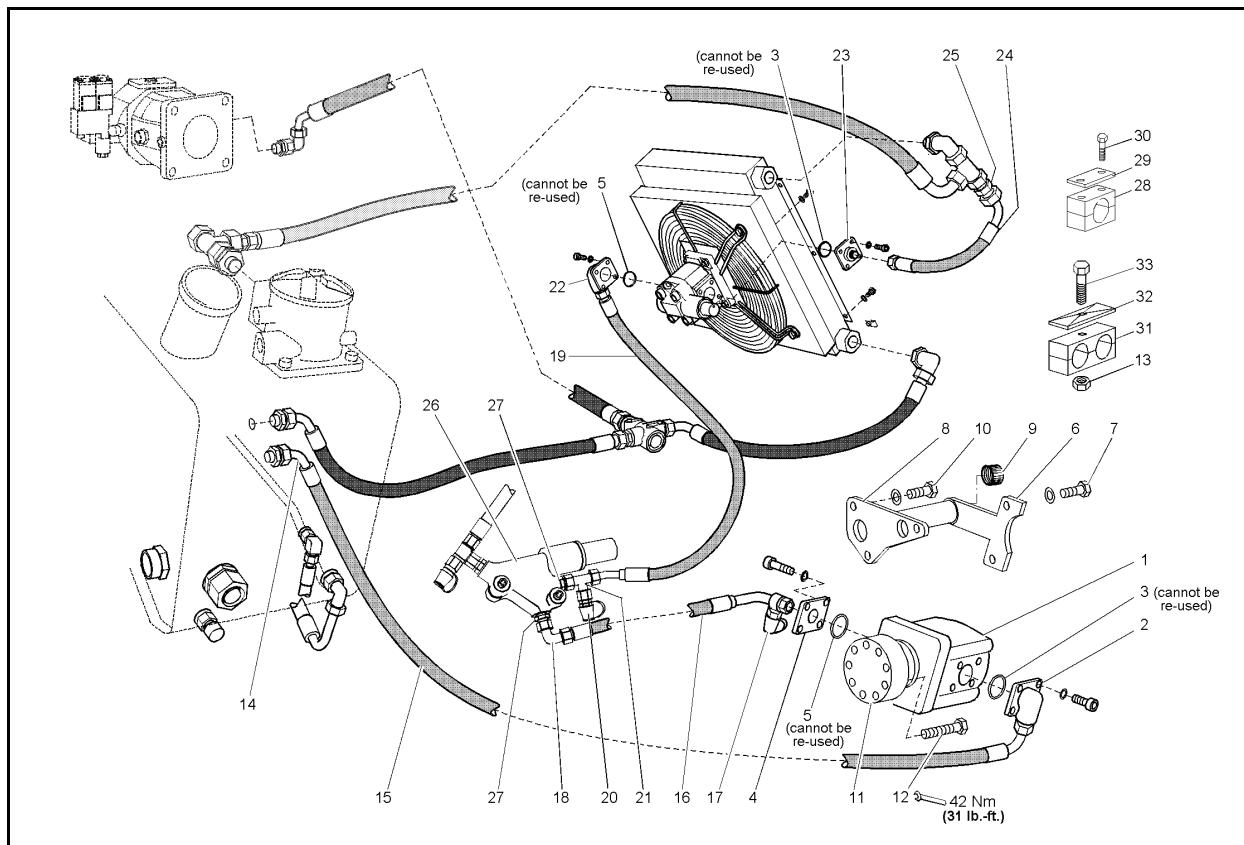
1000137451



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0381510403	OIL COOLER	1	10	7236677080	HS M6 X 18-8.8 A2C	6
2	7405677005	HEX NUT M8-8 A2C	4	11	7462680008	WASHER	6
4	0000808807	FAN BLADE	1	12	0009924128	SPRING WASHER VSK 6	6
5	656093	CS M8-1.25 X 16 C8.8 ZY	6	13	0003610603	HYDRAULIC MOTOR	1
6	177648	HEX SCREW	4	14	0000808851	VALVE	1
7	206958	WASHER	10	15	0000808853	SEAL KIT	1
8	163634	WASHER	10	16	656105	CS M8-1.25 X 25 C8.8 ZY	4
9	0009905223	SHEET METAL NUT M6	6				

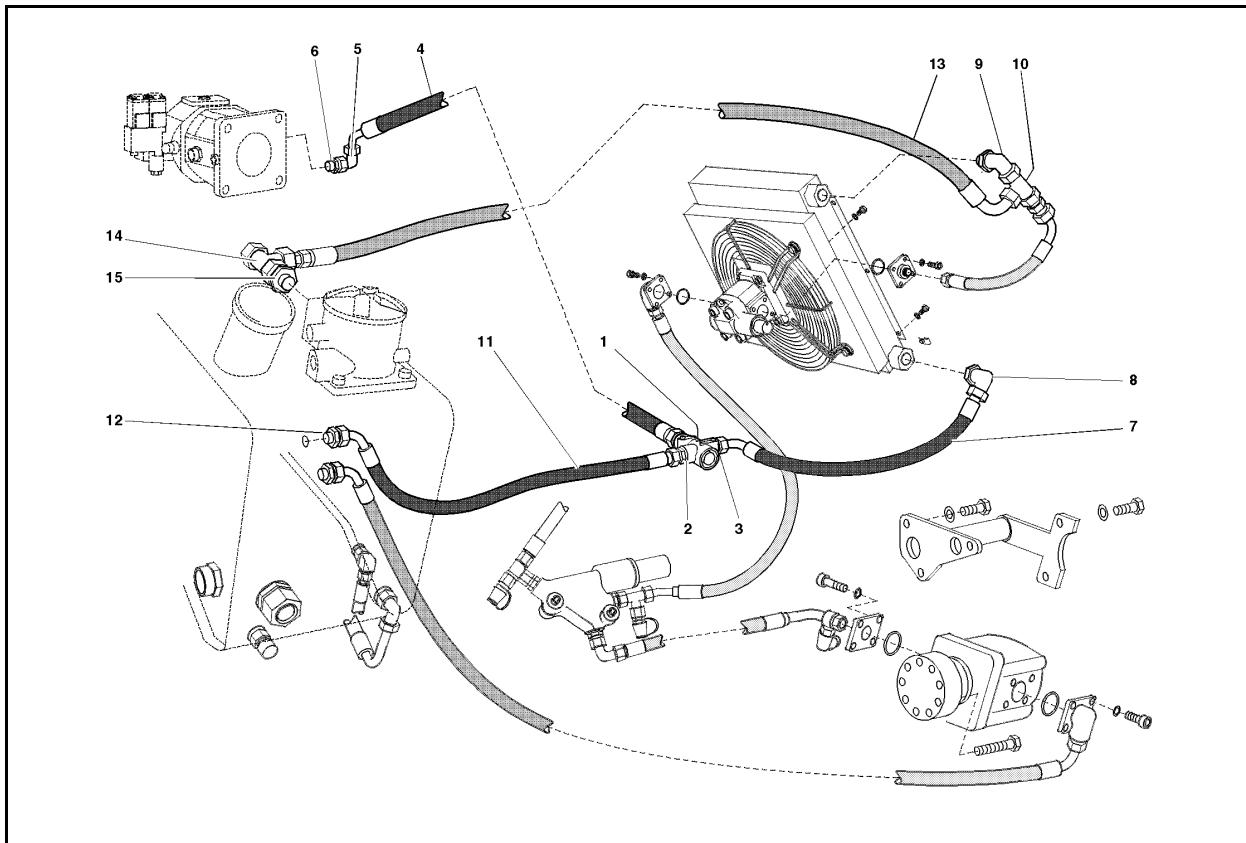
521 - HYDRAULIC MOTOR OIL COOLER INSTALLATION

1000137452



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003615698	HYDRAULIC PUMP	1	18 161445	90° FITTING	1
2 0003636320	SCREW CONN. BFW 18L LK40 M.M D	1	19 0003659412	HP HOSE	1
3 0009960071	O-RING 26 X 2.5	2	20 0003630663	TEST CONNECTION 10 L A3C	1
4 0003635716	SCREW CONN. BFW 12L LK35 M.M D	1	21 0003635017	SCREW CONNECTION	1
5 0009964771	O-RING 20 X 2.5	2	22 0003635716	SCREW CONNECTION BFG 12L LK 35 M.M D	1
6 0383600027	BRACKET PLATE	1	23 0003633265	SCREW CONNECTION	1
7 177648	HEX SCREW	2	24 0003651713	HP HOSE	1
8 0383600040	BRACKET PLATE W/SPINDLE	1	25 0003630220	SCREW CONN. RED 22/15 L A3C	1
9 0009935584	BEARING	1	26 0003614384	CUT-OFF VALVE	1
10 656008	CS M10-1.5 X 30 C8.8 ZY DIN931	3	27 0003636649	SCREW CONNECTION GE 12 LM M18 X 1.5 E A3C	2
11 0383610094	FLANGE	1	28 0009932251	CLAMP 3D 25 PPH	1
12 7234677560	HS M10 X 60-8.8 A2C	8	29 0009933185	COVER PLATE	1
13 656048	HN M8-1.25 C8 ZY DIN934	4	30 179761	SCREW	2
14 161447	90° FITTING	1	31 0009936350	CLAMP	1
15 0003655312	HP HOSE	1	32 0009930685	COVER PLATE GD 3 D	1
16 0003659312	HP HOSE	1	33 179784	SCREW	2
17 0003630063	TEST CONNECTION M8 X 1 A3C	1			

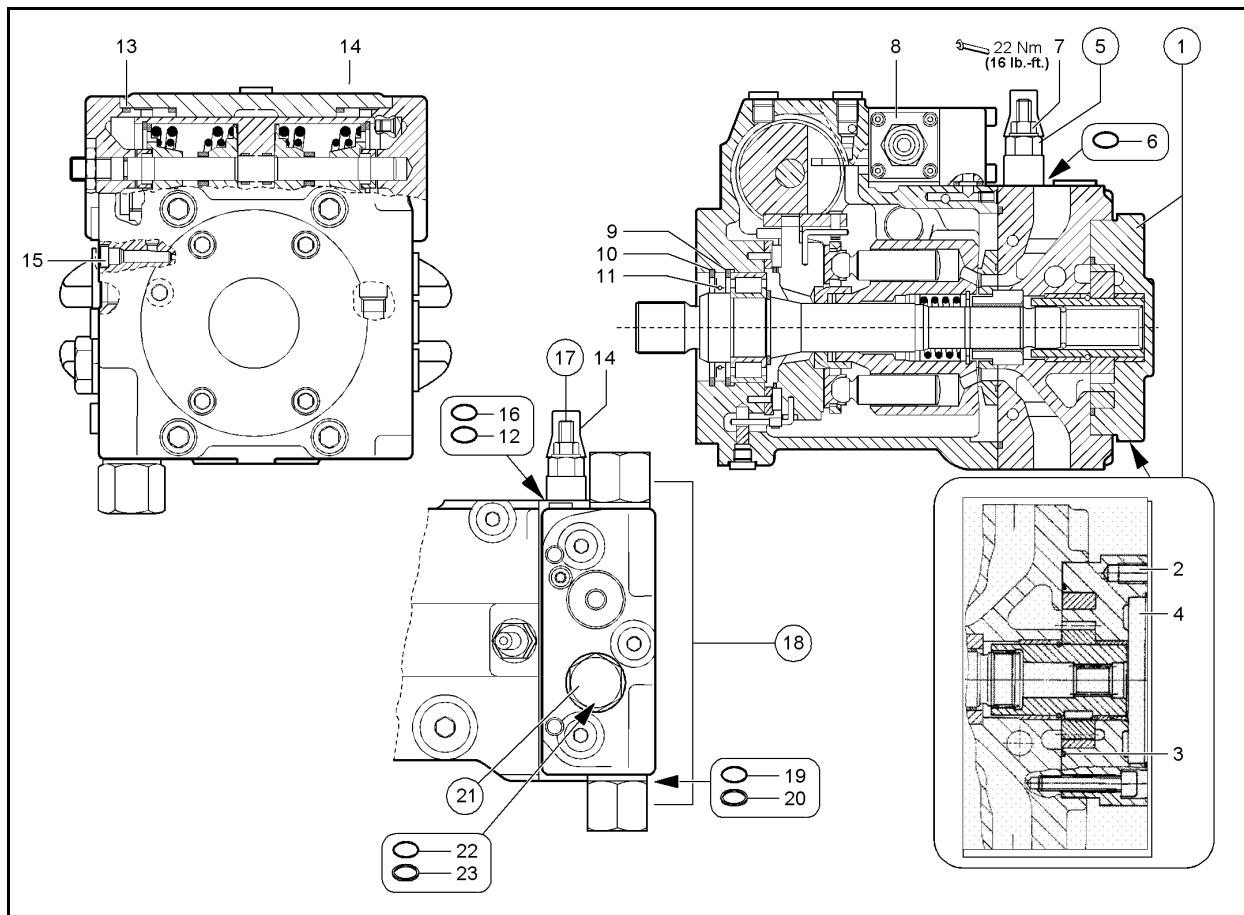
521 - HYDRAULIC MOTOR OIL COOLER INSTALLATION (CONT'D)
1000137453



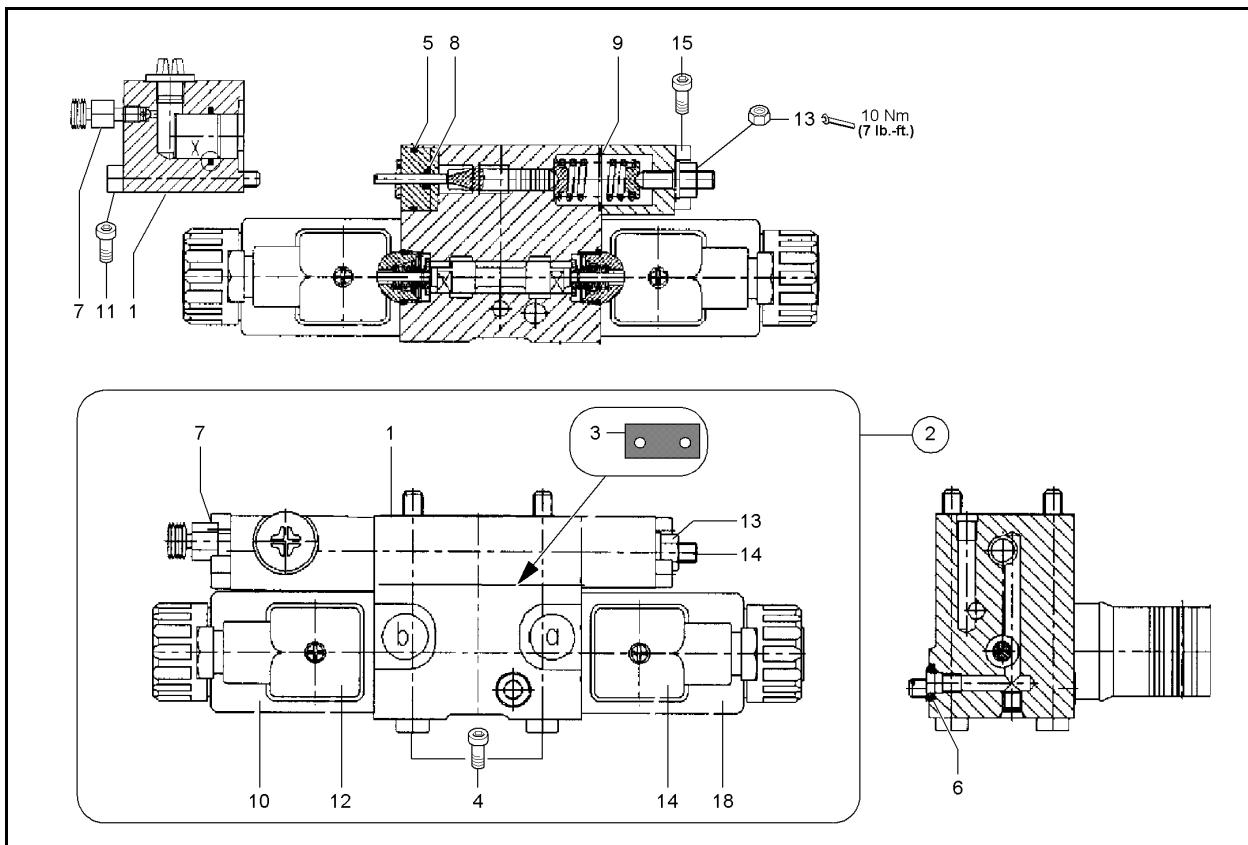
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003619087	OIL TEMPERATURE CONTROLLER	1	9 0003638969	SCREW CONNECTION	1
2 0003631416	SCREW CONN. GE 22 LM E A3C	2	10 161503	ELBOW	1
3 0003631815	SCREW CONNECTION	1	11 0003651106	HP HOSE	1
4 0003657412	HP HOSE	1	12 0003637949	SCREW CONN. GE 22 LM M22 X 1.5 E A3C	1
5 161447	90° FITTING	1	13 0003651513	HP HOSE	1
6 0003635015	SCREW CONN. GE 18 LM M18 X 1.5 E A3C	1	14 179842	ELBOW	1
7 0003655712	HP HOSE	1	15 0003636266	SCREW CONNECTION	1
8 0003638869	SCREW CONNECTION	1			

521 - VARIABLE DISPLACEMENT PUMP

1000137454



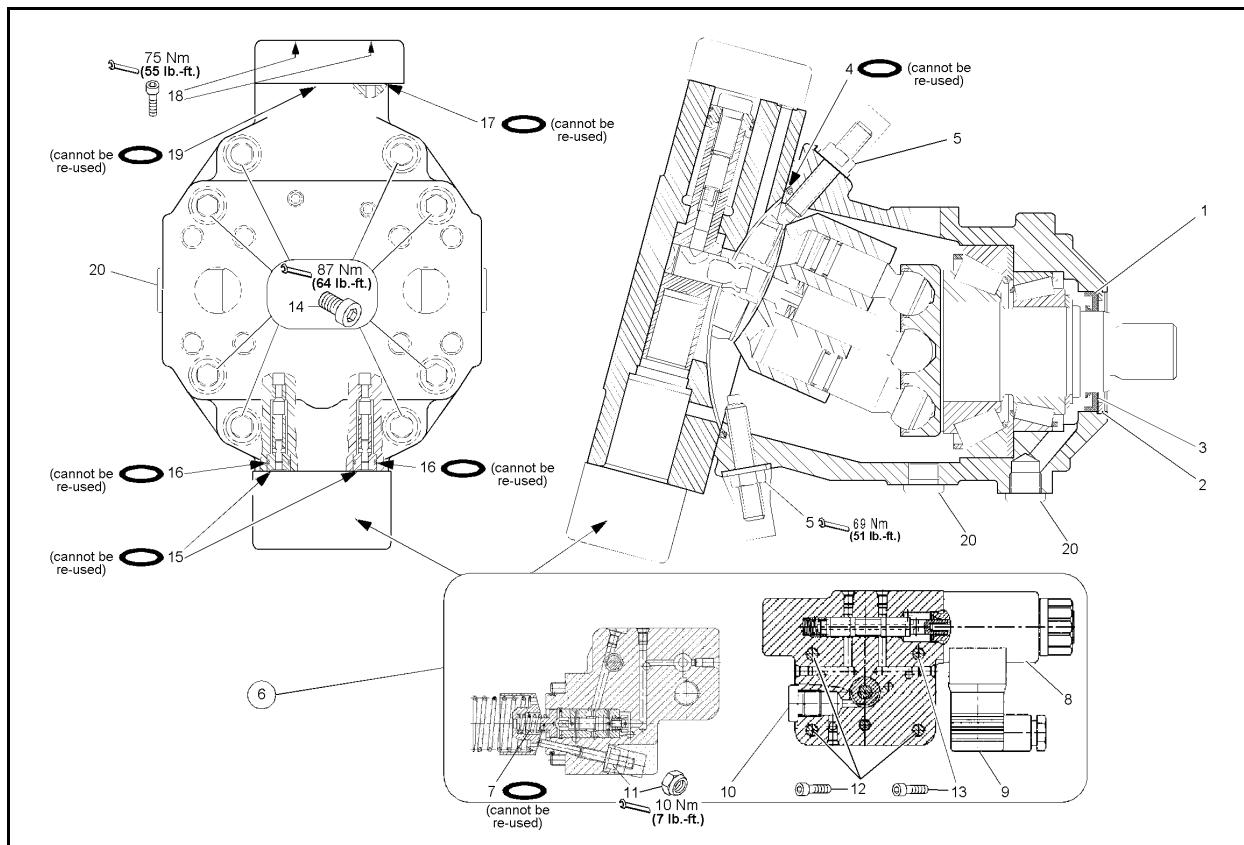
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203862	INTERIOR GEAR PUMP SET	1	13	0000808871	O-RING	2
2	164911	SCREW	4	14	0009961652	END-SEAL CAP M8 X 32	2
3	0000802127	SEALING RING	1	15	0000805206	NOZZLE	1
4	203861	O-RING	1	16	0000805221	O-RING 12.37 X 2.62	1
5	203867	CONTROLLER CARTRIDGE	1	17	0000808884	CUT-OFF VALVE	1
6	0009963171	O-RING 29.82 X 2.62	1	18	0000808863	PRESSURE RELIEF VALVE	2
7	0000805219	SEAL-LOCK COLLAR NUT M8	2	19	0000805217	O-RING 23.47 X 2.62	1
8	203865	CONTROLLER	1	20	0000805220	PROP RING 20.1 X 1.4	1
9	0000808889	CIRCLIP	1	21	0000808864	PRESSURE RELIEF VALVE	1
10	0000808891	CIRCLIP	1	22	0000808873	O-RING	1
11	0000809014	ROTARY SHAFT LIPSEAL	1	23	0000809283	SEALING RING	1
12	0000805218	O-RING 6.07 X 1.78	1				



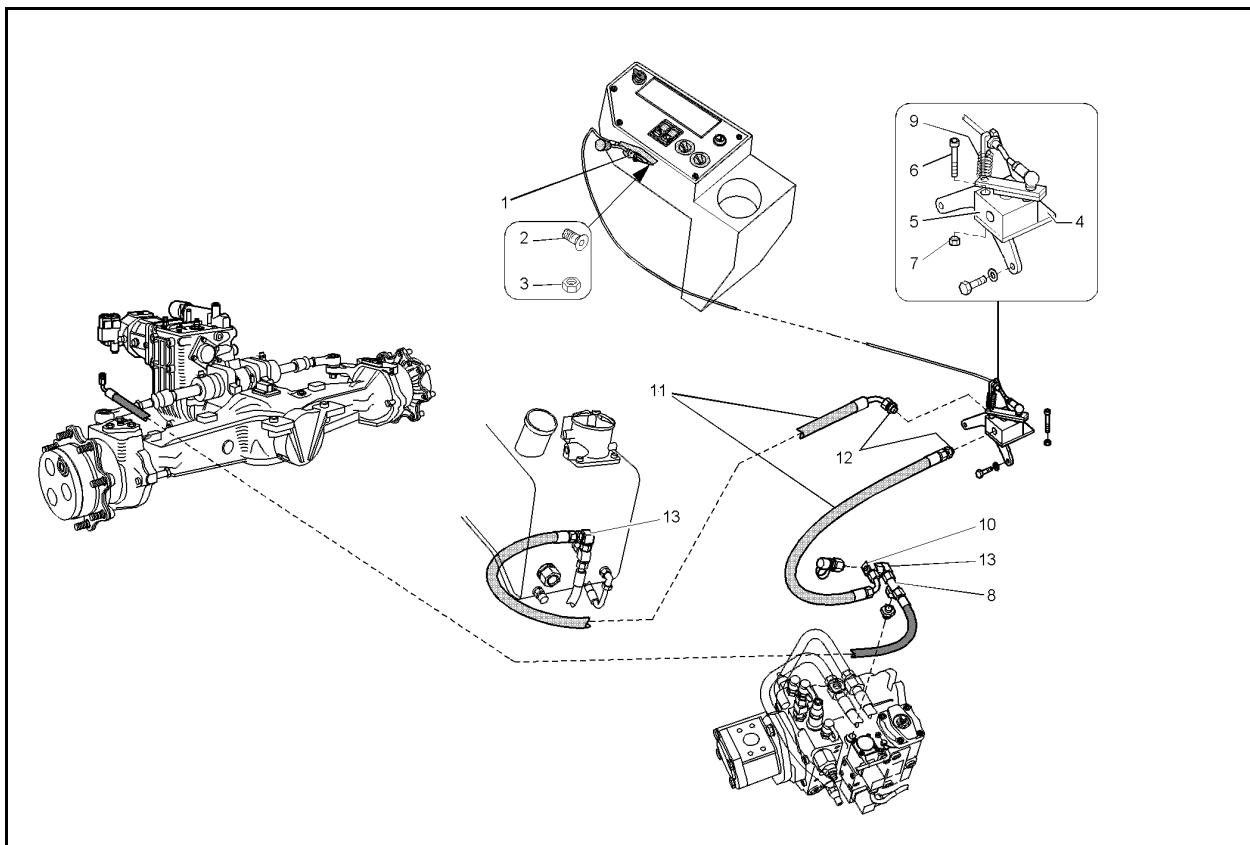
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000809234	INCHING DEVICE	1	9 0000808869	O-RING	1
2 0000809235	4/3 DIFFERENTIAL	1	10 0000809137	SOLENOID	2
3 0000802121	SEAL	1	11 651511	SHCS M6-1 X 50 C8.8 ZY	2
4 7252677580	SHCS M6 X 70-8.8 A2C	4	12 0000802096	SOCKET	1
5 0009967270	O-RING 17.17 X 1.78	1	13 0000805233	SEAL-LOCK NUT M6	1
6 0000807612	O-RING	1	14 0000802083	SOCKET	1
7 0000808887	BREATHER VALVE	1	15 165944	SCREW	2
8 0000808872	O-RING	1			

521 - VARIABLE DISPLACEMENT MOTOR

1000137456



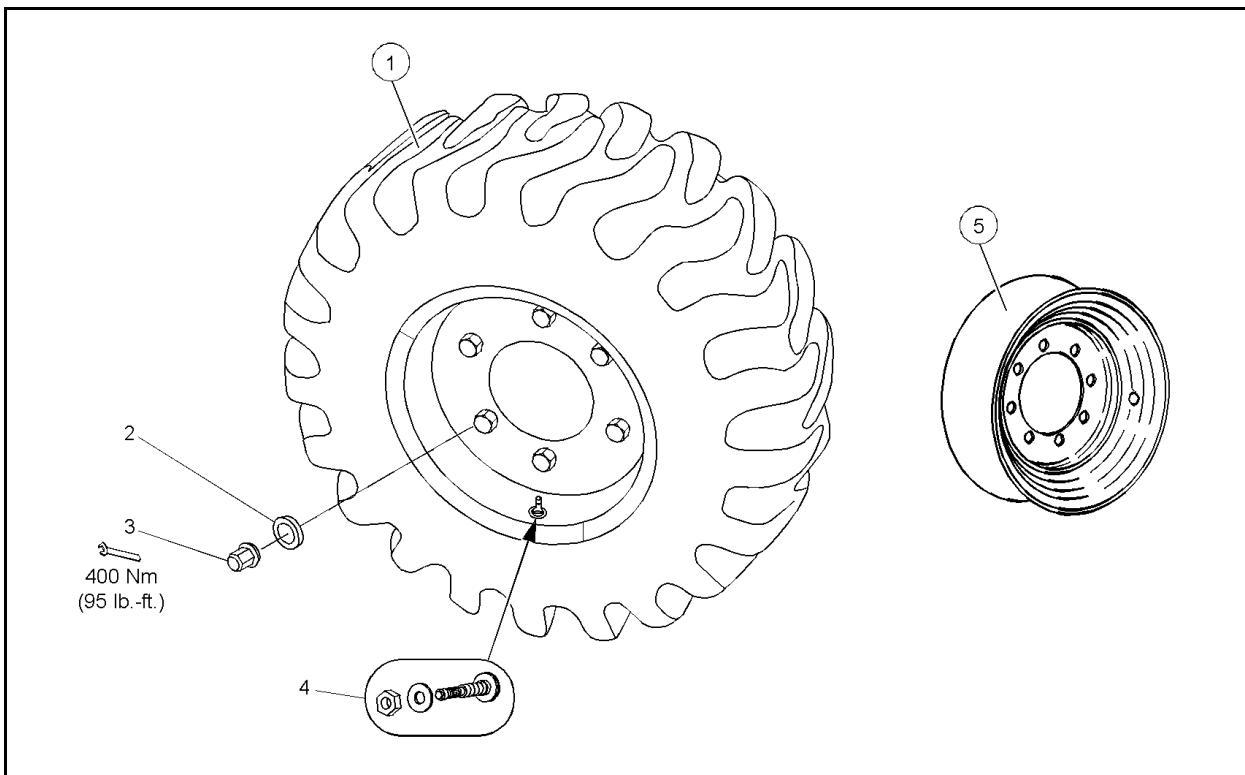
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802129	ROTARY SHAFT SEAL	1	11 0000805233	SEAL-LOCK NUT M6	1
2 162491	WASHER	1	12 651511	SHCS M6-1 X 50 C8.8 ZY	3
3 7464680138	SUPPORTING WASHER 56 X 72 X 1	1	13 7252677618	SHCS M6 X 80-8.8 A2C	1
4 0009968770	O-RING 164.69 X 3.53	1	14 7252677128	SHCS M12 X 65	8
5 0000802094	SEAL-LOCK NUT M12	2	15 0009969870	O-RING 5.28 X 1.78	2
6 0000809239	CONTROL UNIT	1	16 0009968870	O-RING 9.25 X 1.78	2
7 209500	O-RING	1	17 0009968070	O-RING 7.65 X 1.78	6
8 0000809137	SOLENOID	2	18 0000802105	SHCS M10 X 30	4
9 0000802083	SOCKET	2	19 0009968170	O-RING 32.92 X 3.53	1
10 0000807608	SCREW PLUG	2	20 0000807610	SCREW PLUG	2



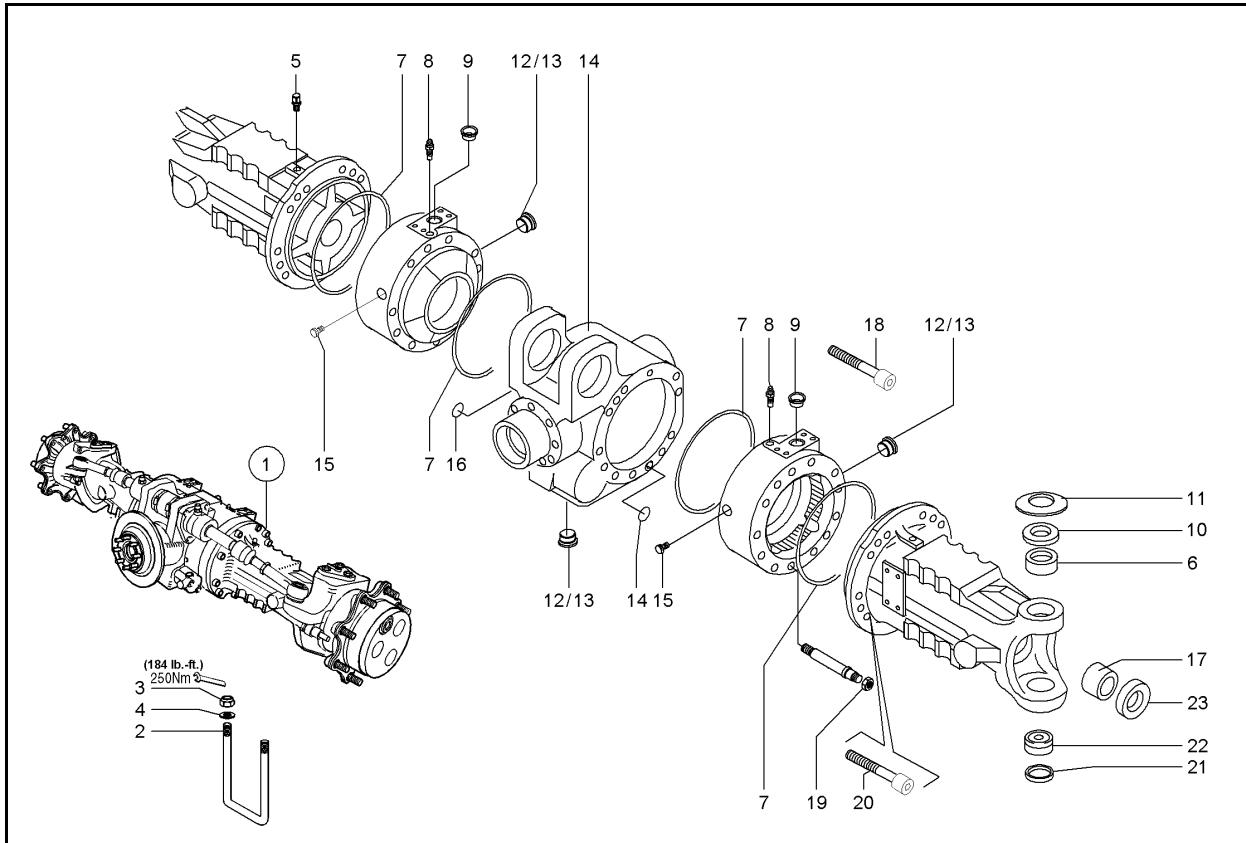
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0381700110	MANUAL THROTTLE COMPLETE	1	8 0003631620	SCREW CONN. ET 10L O.M S A3C	1
2 7272671155	SCREW M6 X 25-4.8 H A2C	4	9 0009924003	SPRING	1
3 656047	HN M6-1 C8 ZY	4	10 0003635017	SCREW CONNECTION	1
4 0383610340	BRACKET	1	11 0003659612	HP HOSE	2
5 0003614877	SPEED CONTROL	1	12 164949	SCREW JOINT	2
6 7252677048	SHCS M8 X 35-8.8 A2C	2	13 161444	90° FITTING	2
7 656048	HN M8-1.25 C8 ZY DIN934	2			

521 - WHEELS AND TIRES

1000137487



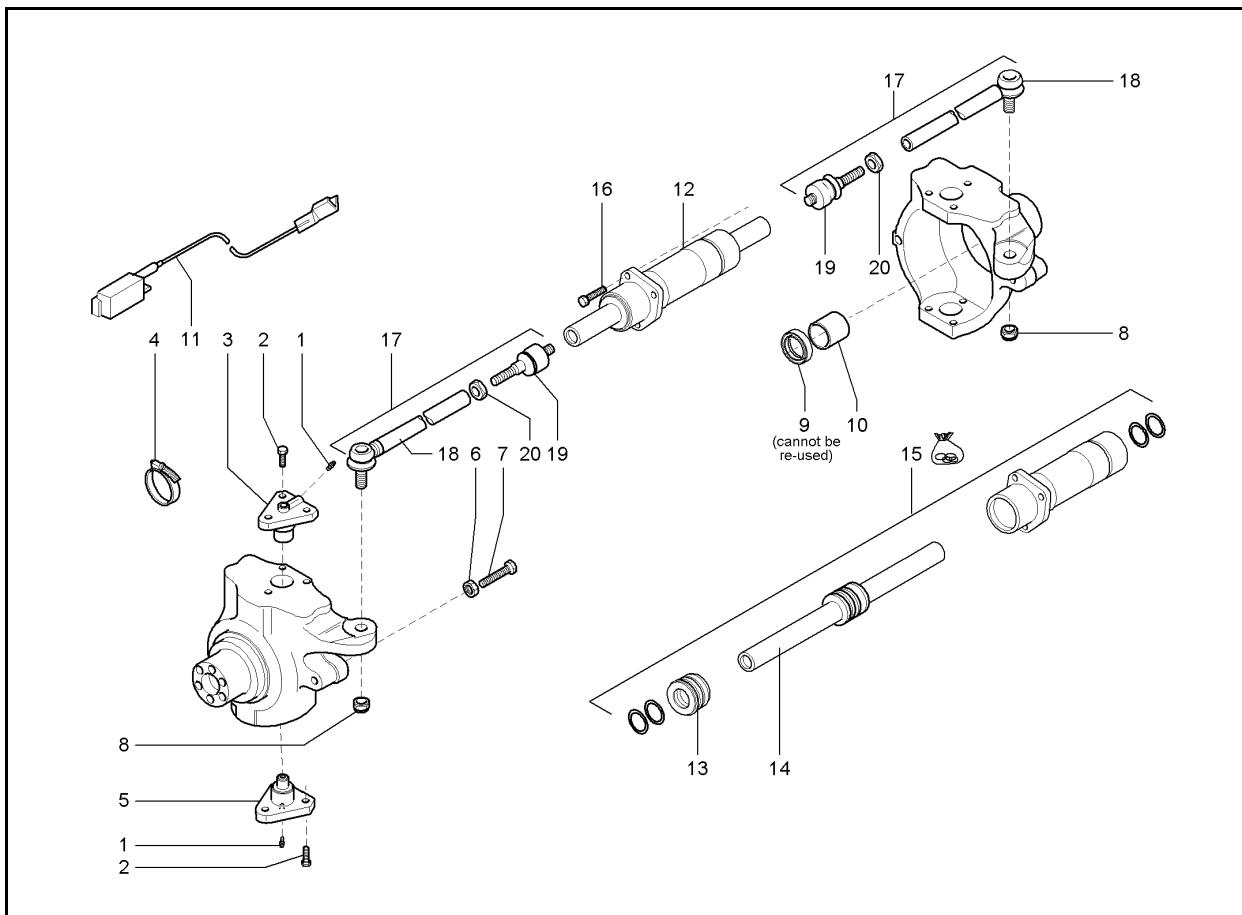
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003102411	WHEEL AND TIRE 375/75 R20 XZSL 143	4	4 0003111313	VALVE STEM	4
2 7686682004	SPRING WASHER C20.5-A3C	32	5 0003124207	WHEEL RIM 11 X 20 ET=20	4
3 208490	WHEEL NUT B20-8 A2C	32			



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0382602501	FRONT AXLE W/BRAKE DISC AND CALIPER	1	14 0000808739	HOUSING	1
2 0382640085	CLAMPING COLLAR	4	15 0000808560	PLUG	2
3 651452	HLN INS M20-2.5 ZO	8	16 0000808543	O-RING	2
4 7460094061	WASHER 21	8	17 0000808597	BUSHING (Axle #01000869 and before)	2
5 0000808583	BREATHER M10 X 1	1	18 0000808497	SCREW	2
6 0000808610	BUSHING	2	19 0000808513	NUT	2
7 0000808557	O-RING	4	20 0000808497	SCREW	22
8 0000808594	BREATHER M10 X 1	2	21 0000808658	WAVE SPRING WASHER	2
9 0000808695	PLUG	2	22 0000808611	BEARING	2
10 0000808671	SPACER	2	23 0000809318	SEAL (Axle #01000870 and up)	2
11 0000808659	WAVE SPRING WASHER	2			
12 0000808620	PLUG	3	0000808593	SEAL (Axle #01000869 and before)	2
13 0009962406	O-RING 27.6 X 2.4	3			

521 - FRONT AXLE STEERING

1000137459



Ref.

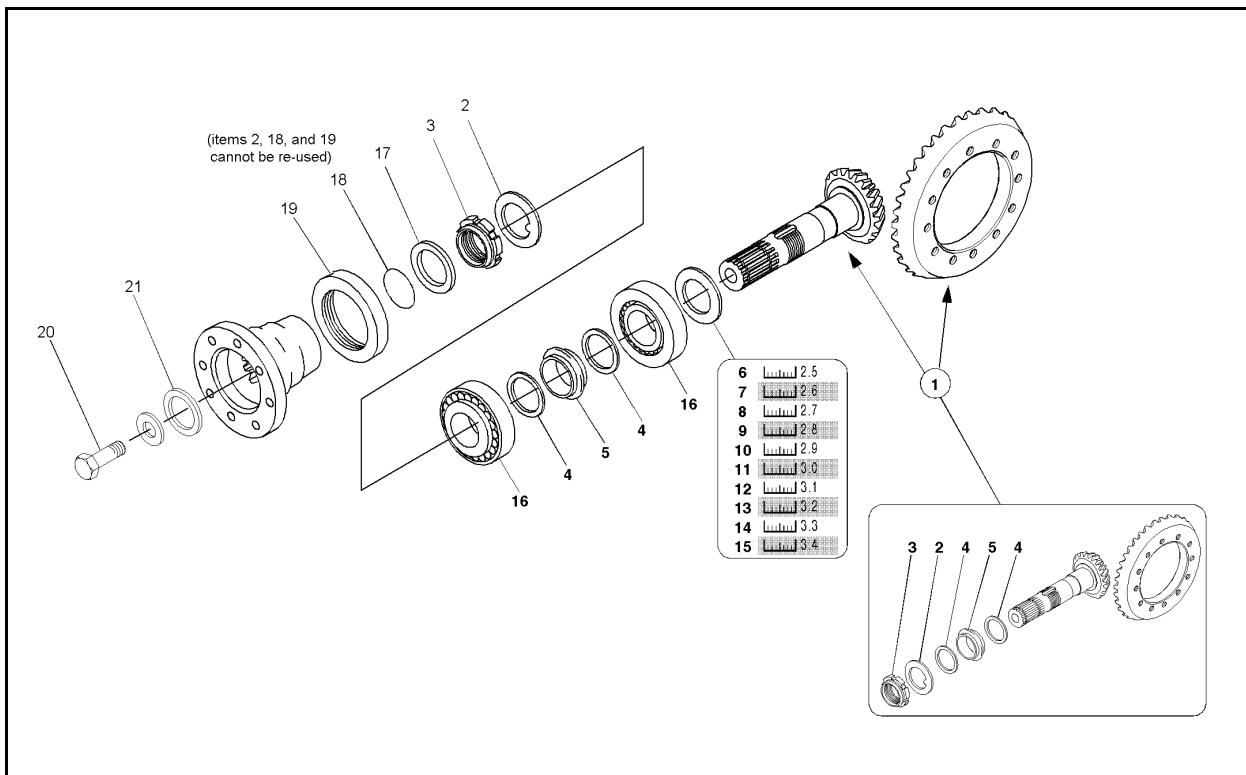
No.	Part No.	Description	Qty.
1	0000808523	GREASE ZERK	4
2	0000808650	SCREW	12
3	0000808660	SWIVEL PIN	2
4	0000808551	CLAMP	2
5	0000808661	SWIVEL PIN	2
6	0000808512	NUT	4
7	0000808619	SCREW	4
8	0000808515	NUT M20 X 1.5	2
9	208746	SEAL (Axle #01000890 and up)	1
	0000808606	SEAL (Axle #01000889 and before)	1

Ref.

No.	Part No.	Description	Qty.
10	0000808622	BUSHING	2
11	202677	SENSOR	1
12	0000808975	STEERING CYLINDER	1
13	0000808565	STEERING CYLINDER HEAD	1
14	0000808566	CYLINDER PISTON ROD	1
15	0000808564	SEAL KIT/STEERING CYLINDER	1
16	7234678124	HS M12 X 50-10.9	3
17	0000809315	TIE ROD	2
18	0000809331	TIE ROD	2
19	0000809295	O-RING	2
20	0000808574	NUT M24 X 1.5	2

521 - FRONT AXLE GEAR DRIVE

1000137460



Ref.

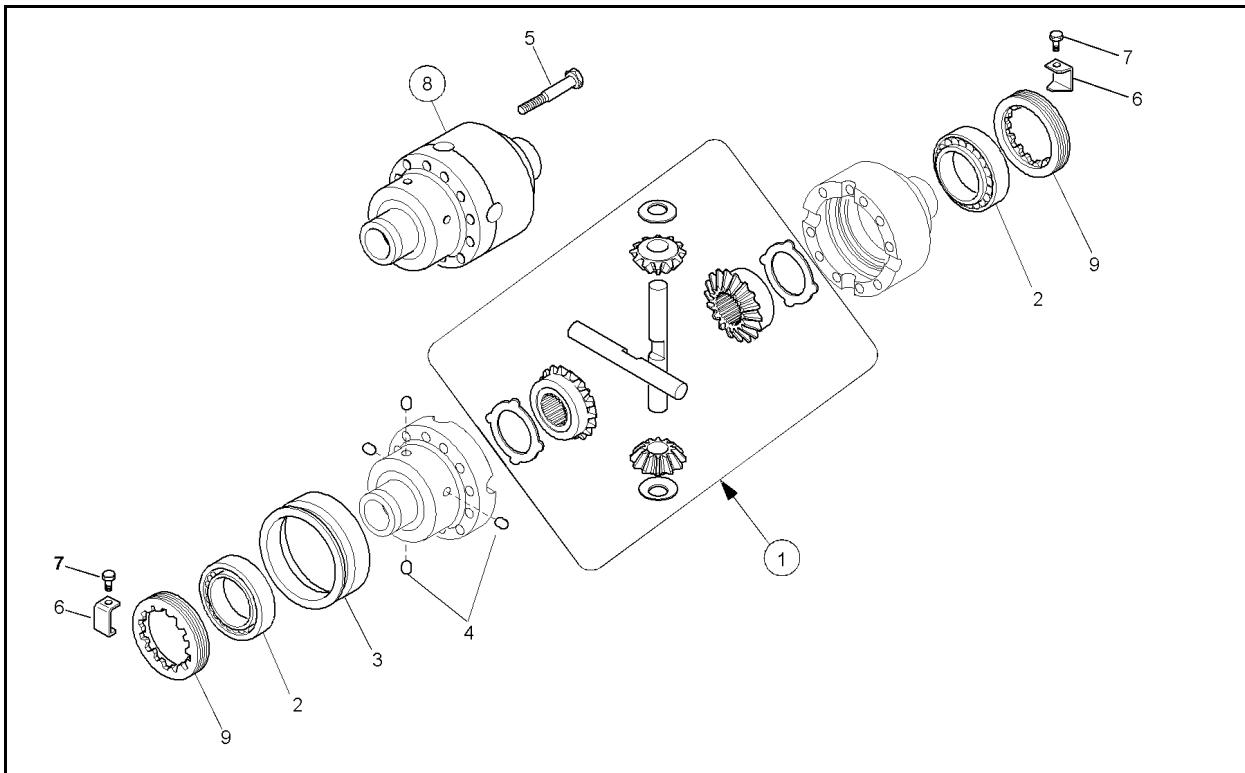
No.	Part No.	Description	Qty.
1	208983	BEVEL GEAR AND SHAFT	1
2	0000808587	WASHER	1
3	0000808588	CLAMP M40 X 1.5	1
4	0000808638	WASHER	2
5	0000808636	SPACER RING	1
6	0000808678	SHIM (2.5MM)	AR
7	0000808679	SHIM (2.6MM)	AR
8	0000808680	SHIM (2.7MM)	AR
9	0000808681	SHIM (2.8MM)	AR
10	0000808682	SHIM (2.9MM)	AR
11	0000808683	SHIM (3.0MM)	AR

Ref.

No.	Part No.	Description	Qty.
12	0000808684	SHIM (3.1MM)	AR
13	0000808685	SHIM (3.2MM)	AR
14	0000808686	SHIM (3.3MM)	AR
15	0000808687	SHIM (3.4MM)	AR
16	0000808540	BEARING	2
17	0000808608	WASHER	1
18	0000808554	O-RING	1
19	0000808600	SEALING RING	1
20	208449	SCREW	1
21	0000808997	WASHER	1

521 - FRONT AXLE DIFFERENTIAL

1000137461



Ref.

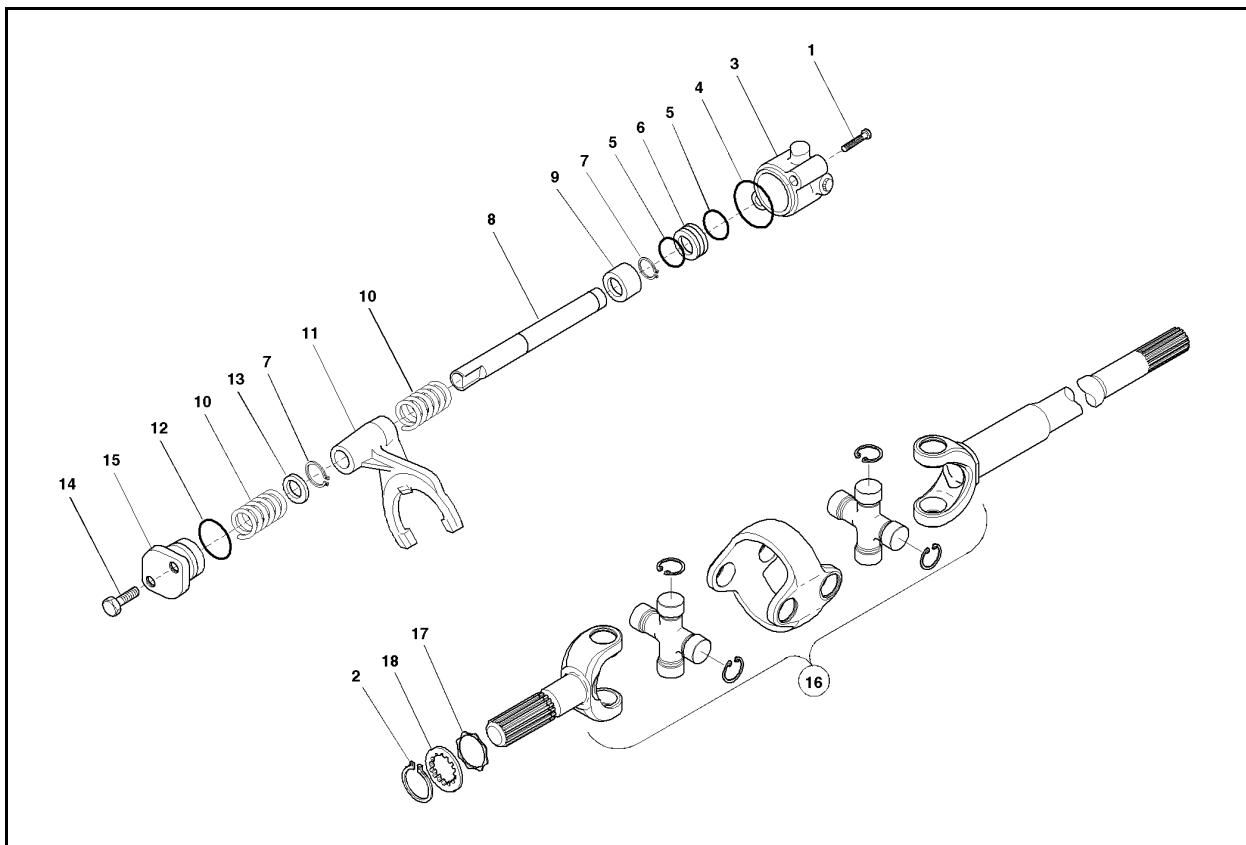
No.	Part No.	Description	Qty.
1	0000808569	BEVEL GEAR SET	1
2	0000808538	BEARING	2
3	0000808696	SLEEVE	1
4	0000808662	STUD	4
5	0000808623	SCREW M10 X 75	12

Ref.

No.	Part No.	Description	Qty.
6	0000808663	PLATE	2
7	0000808655	SCREW M6 X 10	2
8	0000808697	DIFFERENTIAL CAGE COMPLETE	1
9	0000808585	CLAMP M94 X 2	2

521 - FRONT AXLE DIFFERENTIAL LOCK

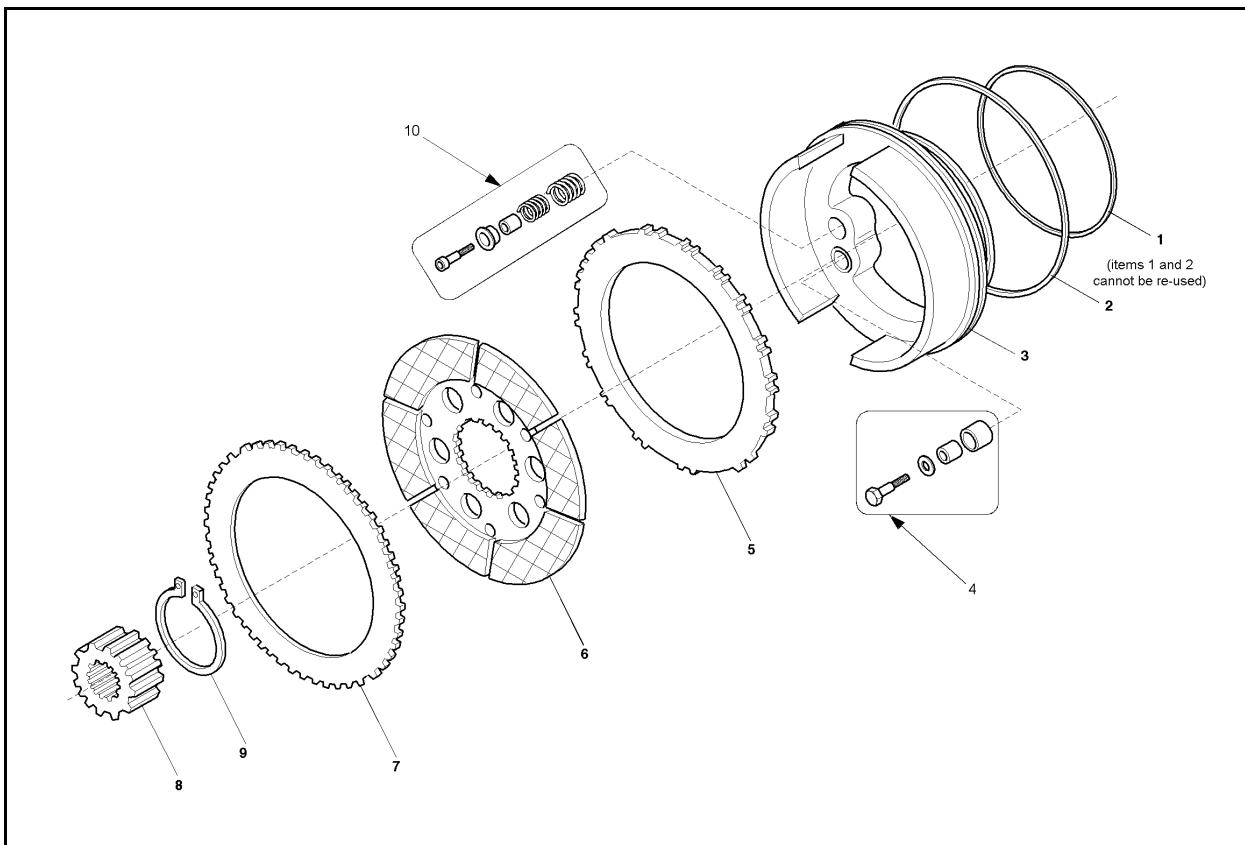
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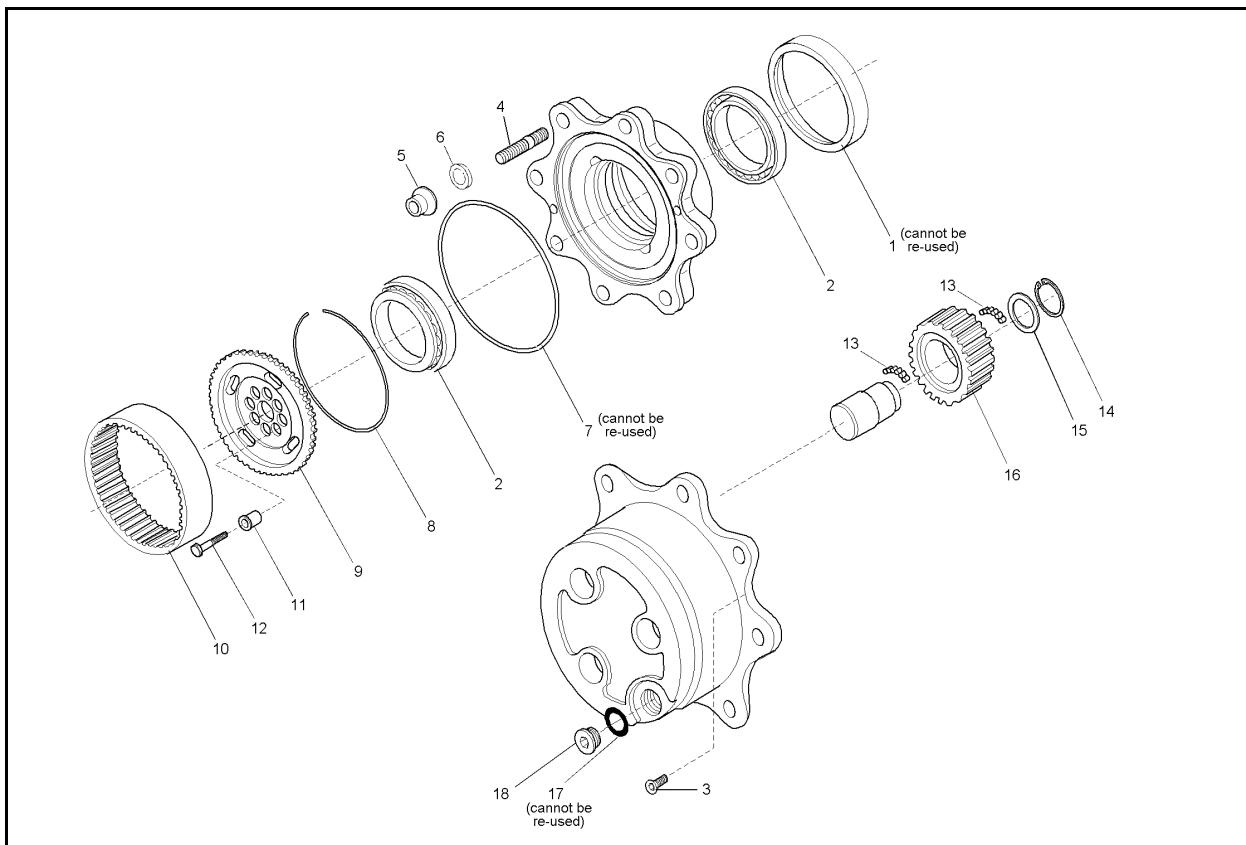
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	651439	HB M8-1.25 X 80 C8.8 ZY	2	10	0000808635	SPRING	2
2	7490682045	CIRCLIP 45 X 1.75	2	11	0000809322	FORK	1
3	0000808722	HOUSING	1	12	0000808556	O-RING	1
4	0000808553	O-RING	1	13	0000808727	SPACER	1
5	0000808545	O-RING	2	14	656094	CS M8-1.25 X 30 C8.8 ZY	2
6	0000808723	PISTON	1	15	0000808647	COVER	1
7	0000808526	CIRCLIP 20 X 1.75	2	16	0000808748	DOUBLE DRIVESHAFT	2
8	0000808728	JOURNAL	1	17	0000808676	WASHER	2
9	0000808724	BUSHING	1	18	0000808732	WASHER	2

521 - BRAKE

1000137463

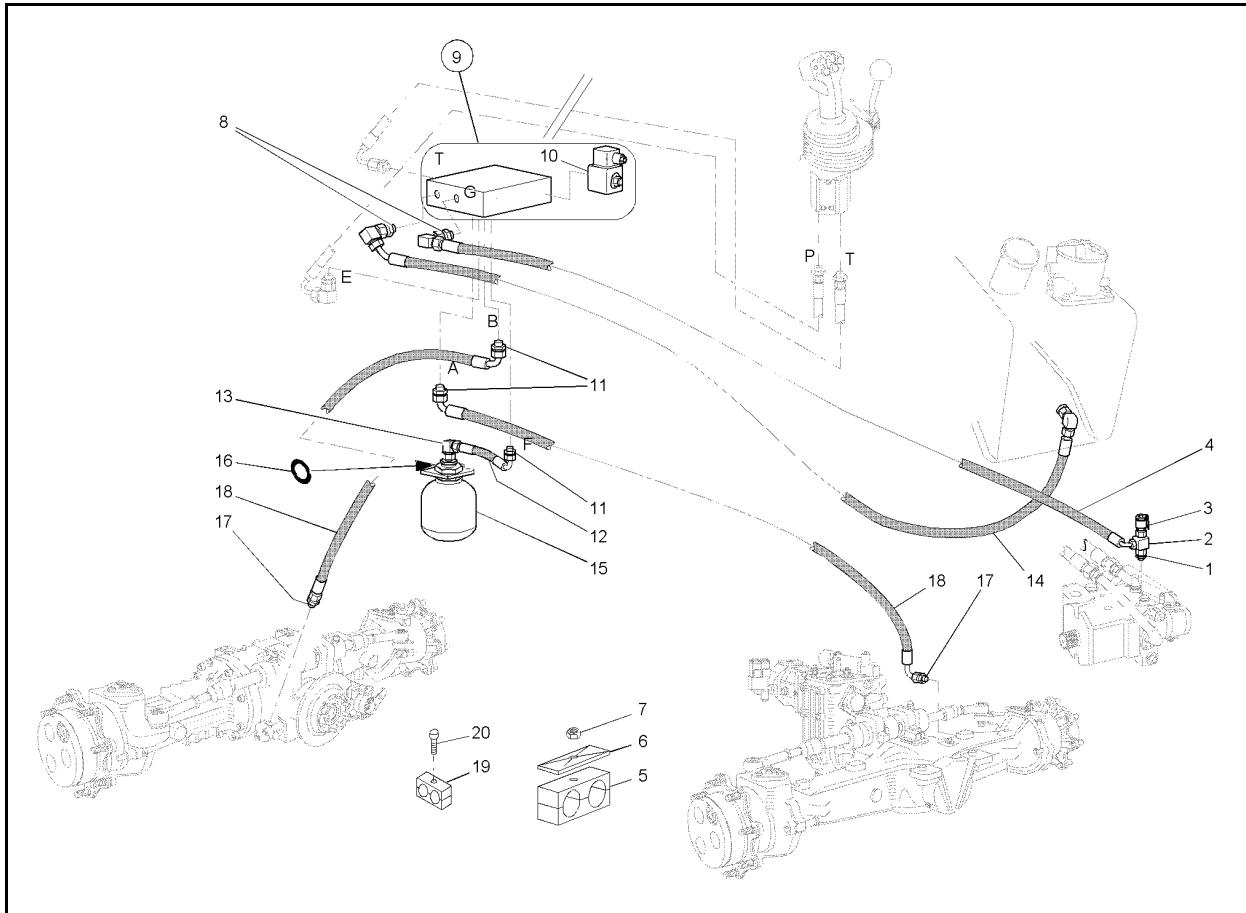


Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000808607	SEALING RING	2	6 0000808705	BRAKE DISC	2
2 0000808617	SEALING RING	2	7 0000808706	BRAKE DISC	2
3 0000808736	PISTON	2	8 0000808708	SLEEVE	2
4 203859	BRAKE ALIGNMENT SET	2	9 7490682075	CIRCLIP 75 X 2	2
5 0000808707	BRAKE DISC	2	10 203860	BRAKE ADJUSTMENT SET	2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000809316	SEAL (Axe #01000717 and up)	2	9	0000808693	PRESSURE PLATE	2
	0000808563	SEAL (Axe #01000716 and before)	2	10	0000808694	HOUSING	2
2	0000808596	BEARING	4	11	0000808735	BUSHING	16
3	7236678131	HS M8 X 20-10.9 A2C	2	12	0000808733	SCREW	16
4	0000808649	STUD BOLT	8	13	0000808550	NEEDLE	2
5	208490	WHEEL NUT	16	14	7490682038	CIRCLIP	6
6	7686682004	SPRING WASHER C20.5-A3C	16	15	0000808700	WASHER	6
7	0000808558	O-RING	2	16	0000808704	GEAR	6
8	0000808621	RING	2	17	0009962406	O-RING 27.6 X 2.4	2
				18	0000808620	PLUG	2

521 - FRONT AXLE DIFFERENTIAL LOCK HYDRAULICS
1000137465

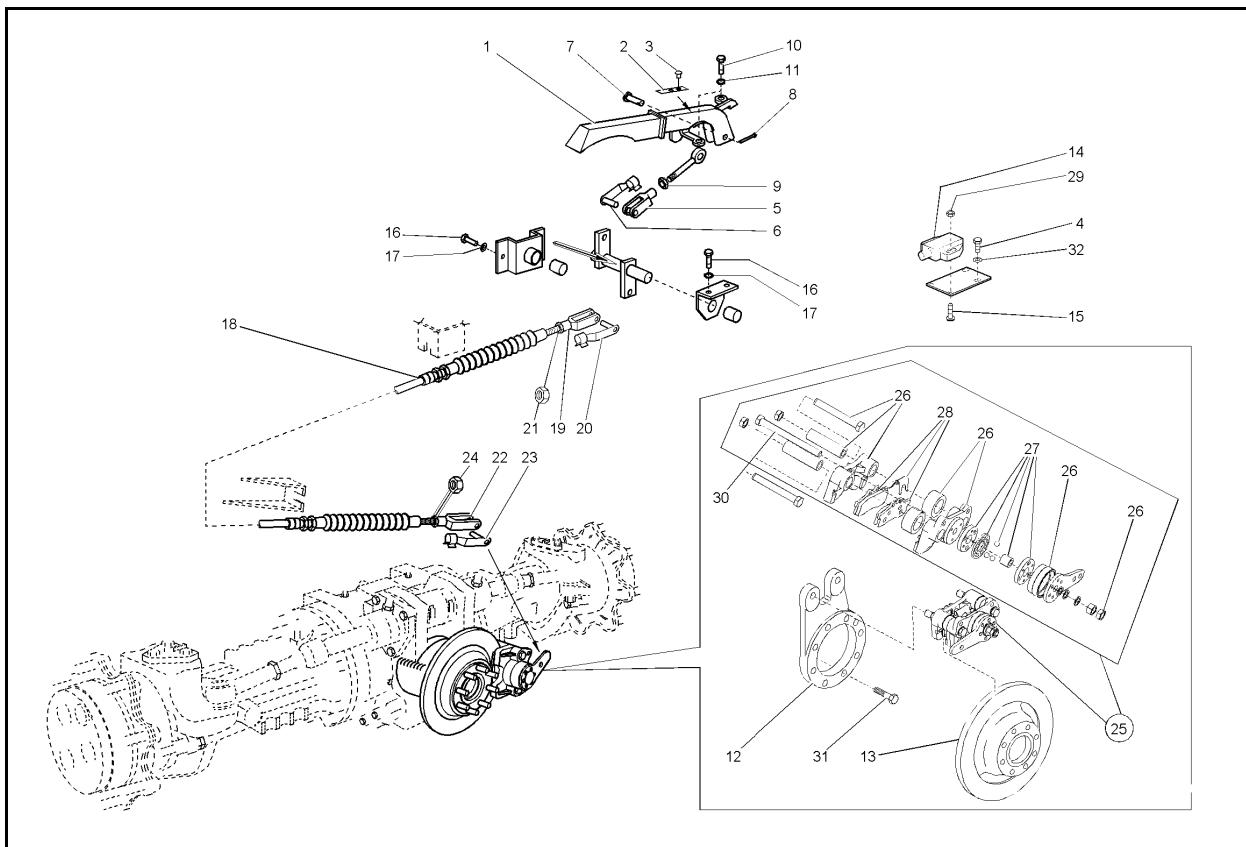


Ref.

No.	Part No.	Description	Qty.
1	164949	SCREW JOINT	1
2	0003635017	SCREW CONNECTION	2
3	0003630663	TEST CONNECTION 10 L A3C	1
4	0003655212	HP HOSE	1
5	0009939150	CLAMP	1
6	0009932485	COVER PLATE	1
7	651457	LN INS M6-1 C8 ZY	2
8	0003631320	SCREW CONN. GE 10LM M12 X 1.5 O.M D	2
9	0003612077	VALVE BLOCK	1
10	209877	MAGNET SPOOL	1

Ref.

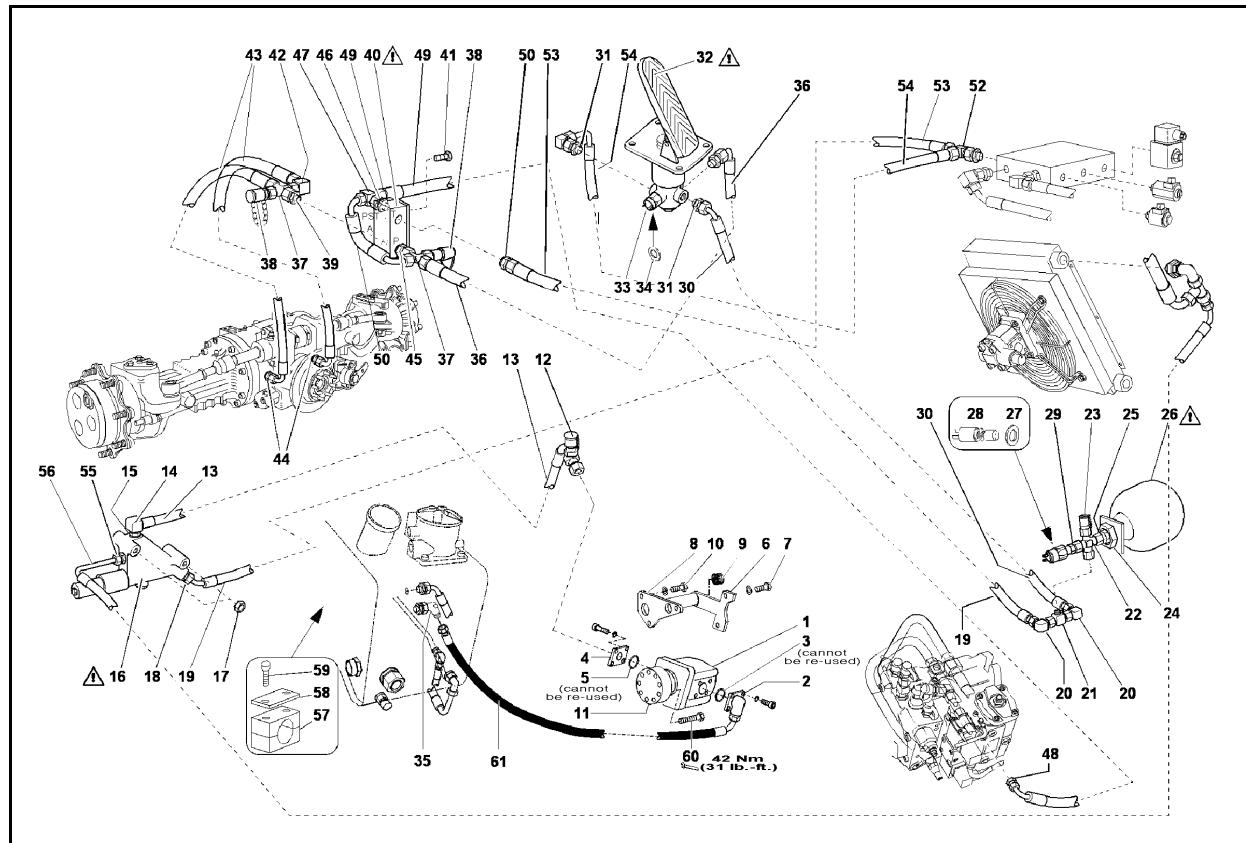
No.	Part No.	Description	Qty.
11	163114	SCREW JOINT	3
12	0003652414	HP HOSE	1
13	161443	90° FITTING	1
14	0003654214	HP HOSE	1
15	0003633003	PRESSURE ACCUMULATOR	1
16	7593641044	SEALING RING 26 X 32	1
17	164937	SCREW JOINT	2
18	0003653414	HP HOSE	2
19	0009936250	CLAMP 2D 15/15 PP	1
20	7252677036	SHCS M6 X 35-8.8 A2C	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000801846	PARKING BRAKE	1	17	7451680012	WASHER B 10.5 ST	4
2	0000804228	CONTACT	1	18	0382430360	CABLE PULL LG 1655	1
3	0009953555	BODY-BOUND RIVET	2	19	7821104308	FORK HEAD G8 X 32 A3C	1
4	656092	CS M6-1 X 12 C8.8 ZY	2	20	0009903915	SPRING CLIP PIN 8 X 32 A3C	1
5	7821104308	CLEVIS	1	21	656048	HN M8-1.25 C8 ZY DIN934	1
6	0009903915	SPRING CLIP PIN 8 X 32 A3C	1	22	7821104210	FORK HEAD G10 X 40 A3C	1
7	0000801726	PIN	1	23	0009901115	SPRING CLIP PIN 10 X 40 A3C	1
8	7530680028	COTTER PIN 2 X 16	1	24	656102	HN M10-1.25 F8 ZY	1
9	7404677709	HN M8-04 A2C	1	25	0000808734	FIXED CALIPER COMPLETE	1
10	177648	HEX SCREW	2	26	0000808819	SERVICE KIT/FIXED CALIPER	1
11	206958	WASHER	2	27	0000808820	SERVICE KIT/BRAKE CAM	1
12	0000808738	FLANGE	1	28	0000808821	SERVICE KIT/BRAKE LINING	1
13	0000808740	BRAKE DISC	1	29	7405677002	HN M4-8 A2C	2
14	0000803975	SWITCH	1	30	0000808817	SCREW	1
15	7250671588	SHCS M4 X 16-4.8 A2C	2	31	7236677942	HS M12 X 35-8.8 A2C	8
16	651392	CS M10-1.5 X 20 C10.9 ZY DIN931	4	32	7462680008	WASHER	2

521 - SERVICE BRAKE HYDRAULICS

1000137467



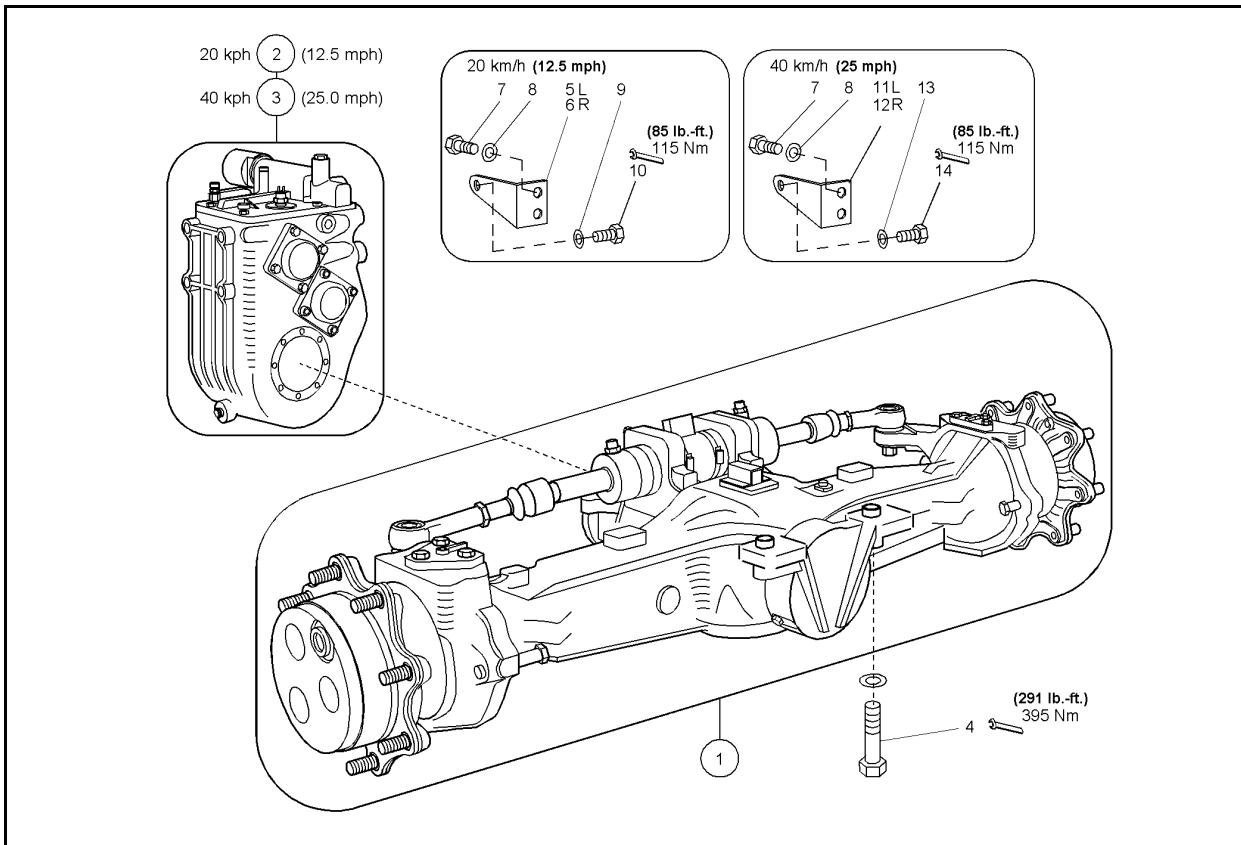
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0003615698	HYDRAULIC PUMP	1	23	0003630663	TEST CONNECTION 10 L A3C	1
2	0003636320	SCREW CONN. BFW 18L LK 40 M.M D	1	24	209291	HEX NUT	1
3	0009960071	O-RING 26 X 2.5	2	25	0003639862	SCREW CONN. GE 10 LM M22 X 1.5 E A3C	1
4	0003635716	SCREW CONN. BFG 12L LK 35 M.M D	1	26	0002430103	PRESSURE ACCUMULATOR	1
5	0009964771	O-RING 20 X 2.5	2	27	163756	SEAL	1
6	0383600027	BRACKET PLATE	1	28	0003334107	PRESSURE SWITCH M12 X 1.5 (80 bar)	1
7	177648	HEX SCREW	2	29	0003631671	SCREW CONNECTION	1
8	0383600040	BRACKET PLATE W/SPINDLE	1	30	0003656014	HP HOSE	1
9	0009935584	BEARING	1	31	0003631563	SCREW CONN. GE 10 LM M16 X 1.5 O.M D	1
10	656008	CS M10-1.5 X 30 C8.8 ZY DIN931	3	32	0382400416	BRAKE VALVE	1
11	0383610094	FLANGE	1	33	0003337508	PRESSURE SWITCH M12 X 1.5 (6 bar)	1
12	0003630063	TEST CONNECTION M8 X 1 A3C	1	34	163756	SEAL	1
13	0003659312	HP HOSE	1	35	161447	90° FITTING	1
14	161445	90° FITTING	1	36	0003656114	HP HOSE	1
15	0003636649	SCREW CONN. GE 12 LM M18 X 1.5 A3C	1	37	0003630471	SCREW CONNECTION	1
16	0003614384	CUT-OFF VALVE	1	38	0003638466	TEST CONNECTION 8 L A3C	2
17	7405677005	HN M8-8 A2C	2	39	0003631071	SCREW CONNECTION	2
18	0003631563	SCREW CONN. GE 10 LM M16 X 1.5 O.M D	1	40	0003610477	PRESSURE DIFFERENCE VALVE	1
19	0003659612	HP HOSE	1	41	177648	HEX SCREW	2
20	161444	90° FITTING	3	42	161443	90° FITTING	1
21	0003631620	SCREW CONN. ET 10 L O.M S A3C	1	43	0003651013	HP HOSE	2
22	0003630971	SCREW CONNECTION	1				

521 - SERVICE BRAKE HYDRAULICS
1000137467

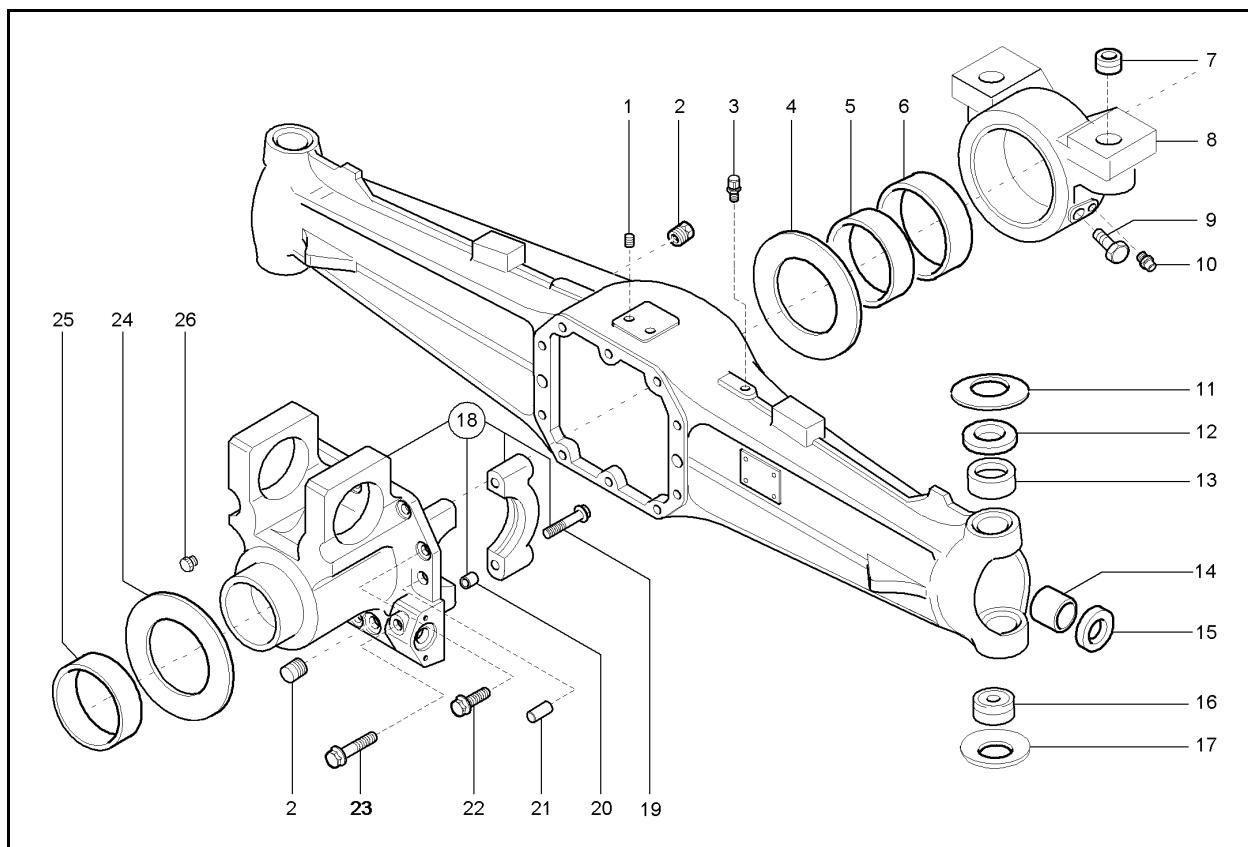
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	44	0003639864	SCREW CONNECTION	2		53	0003659903	HP HOSE	1
	45	0003639464	SCREW CONN. GE 8 LM M14 X 1.5 E A3C	1		54	0003653514	HP HOSE	1
	46	0003634171	SCREW CONNECTION	1		55	0003636649	SCREW CONN. GE 12 LM M18 X 1.5 E A3C	1
	47	161450	TEE	1		56	0003659412	HP HOSE	1
	48	163123	SCREW JOINT	1		57	0009932850	CLAMP 2D 15 PP	2
	49	0003651213	HP HOSE	1		58	0009930785	COVER PLATE	2
	50	0003651113	HP HOSE	1		59	162028	SCREW M6 X 45 C8.8 DIN931	4
	51	164949	SCREW JOINT	1		60	7234677560	HS M10 X 60 C8.8 A2C	8
	52	0003635017	SCREW CONNECTION	1		61	0003655312	HP HOSE	1

521 - REAR AXLE FASTENERS & GEAR BOX

1000137468



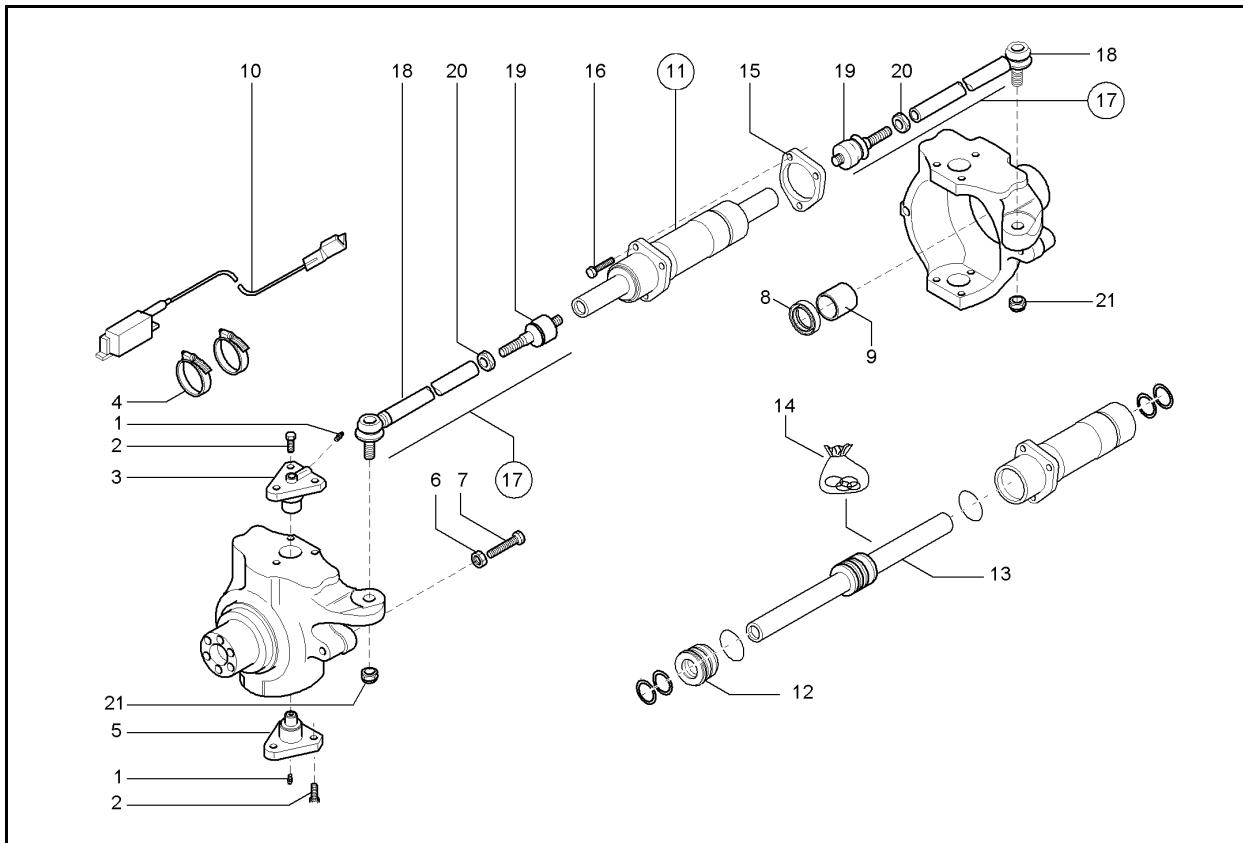
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0382602601	REAR AXLE See page 49 for individual components	1	7 651405	CS M12-1.75 X 30 C10.9 ZO	4
2 0382200001	GEARBOX (12.5 mph) See page 54 for individual components	1	8 7451680113	WASHER B13-140HV A2C	4
3 0382200101	GEARBOX (25.0 mph) See page 56 for individual components	1	9 7236677245	HS M16 X 35-8.8 A2C	2
4 7234677227	HS M20 X 90-8.8 A2C	4	10 7451680116	WASHER B17-140HV A2C	2
5 0382610040	BRACKET LT	1	11 0382610240	BRACKET LT	1
6 0382610140	BRACKET RT	1	12 0382610340	BRACKET RT	1
			13 7236677950	HS M14 X 25	2
			14 7451680115	WASHER B15-140HV A2C	2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000808507	THREADED PIN M10 X 1.5	2	15	0000809318	SEAL (Axle #01000802 and up)	2
2	0000808579	PLUG M22 X 1.5	2	16	0000808593	SEAL (Axle #01000801 and before)	2
3	0000808583	BREATHER M10 X 1	1	17	0000808611	BEARING	2
4	0000808673	WASHER	1	18	0000808658	WAVE SPRING WASHER	2
5	0000808672	BUSHING	1	19	0000808743	SUPPORT	1
6	0000808689	BUSHING	1	20	0000808639	SCREW	4
7	0000808591	BUSHING	2	21	0000808576	BUSHING	4
8	0000808744	SUPPORT	1	22	0000808578	STUD	2
9	0000808523	GREASE ZERK	1	23	0000808637	SCREW M12 X 33	5
10	0000808602	SCREW M16	1	24	0000808648	SCREW M12 X 75	5
11	0000808659	WAVE SPRING WASHER	2	25	0000808688	WASHER	1
12	0000808671	SPACER	2	26	0000808618	BUSHING	1
13	0000808610	BUSHING	2			PLUG	1
14	0000808597	BUSHING	2				

521 - REAR AXLE STEERING

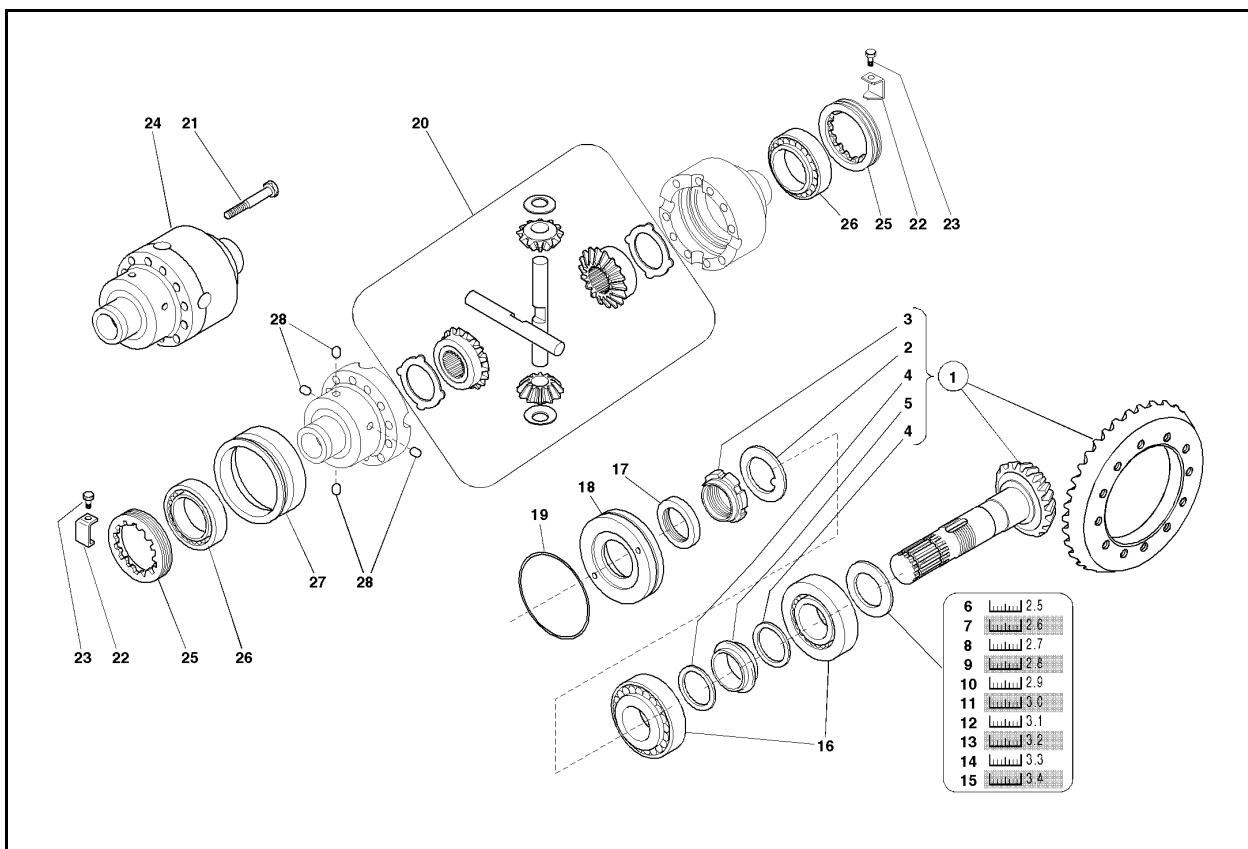
1000137470



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000808523	GREASE ZERK	4	11	0000808741	STEERING CYLINDER	1
2	0000808650	SCREW	12	12	0000808565	CYLINDER HEAD	1
3	0000808660	SWIVEL PIN	2	13	0000808566	PISTON ROD	1
4	0000808551	CLAMP	2	14	0000808564	SEAL KIT	1
5	0000808661	SWIVEL PIN	2	15	0000808754	FLANGE	1
6	0000808512	NUT	4	16	0000808496	SCREW M12 X 55	3
7	0000808619	SCREW	4	17	0000808747	STEERING LEVER	2
8	208746	SEAL (Axle #01000802 and up)	2	18	0000808756	TRACK ROD	2
	0000808606	SEAL (Axle #01000801 and before)	2	19	0000808755	ARM	2
9	0000809305	BUSHING	2	20	0000808574	NUT M24 X 1.5	2
10	0000808976	SENSOR	1	21	0000808515	NUT M20 X 1.5	2

521 - REAR AXLE GEAR DRIVE

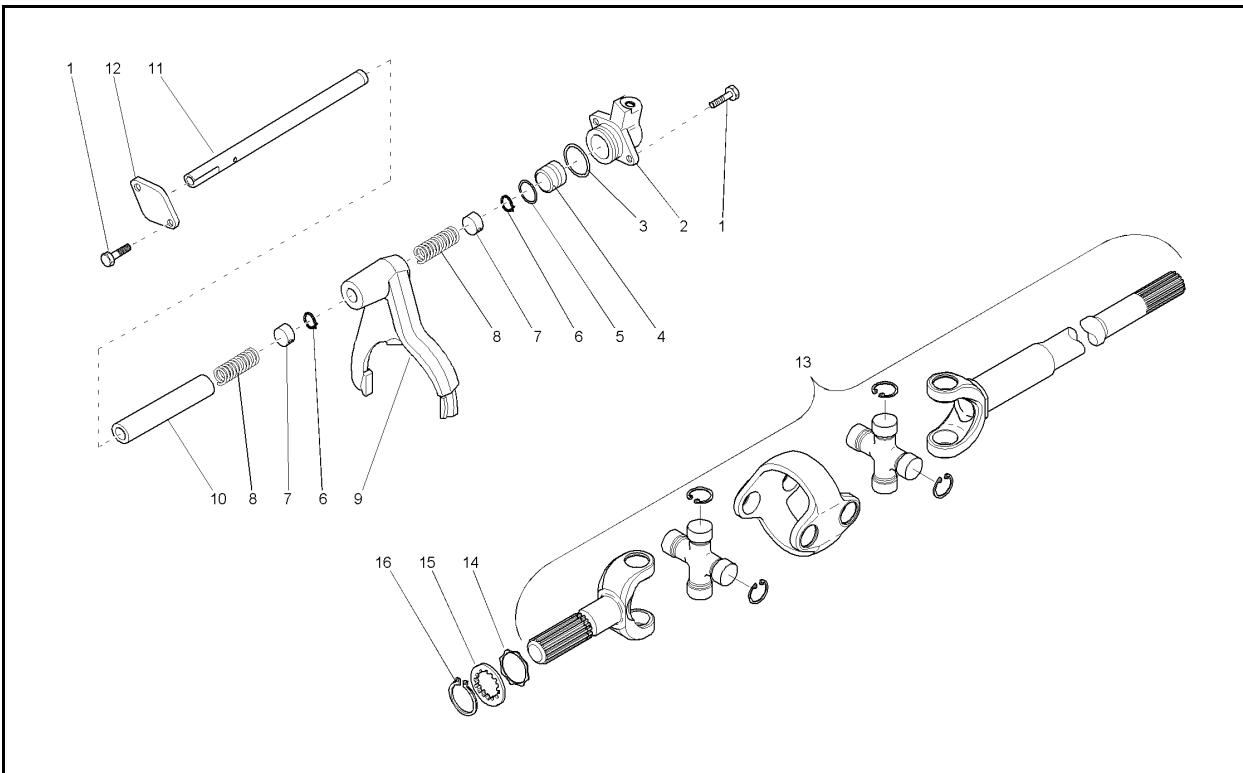
1000137471



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000808567	BEVEL GEAR SET	1	15 0000808687	SHIM (3.4MM)	AR
2 0000808587	WASHER	1	16 0000808540	BEARING	2
3 0000808588	CLAMP M40 X 1.5	1	17 0000808528	SEALING RING	1
4 0000808638	WASHER	2	18 0000808750	COVER	1
5 0000808636	SPACER RING	1	19 0000808548	O-RING	1
6 0000808678	SHIM (2.5MM)	AR	20 0000808569	BEVEL GEAR SET	1
7 0000808679	SHIM (2.6MM)	AR	21 0000808623	SCREW M10 X 75	12
8 0000808680	SHIM (2.7MM)	AR	22 0000808586	PLATE	2
9 0000808681	SHIM (2.8MM)	AR	23 0000808655	SCREW M6 X 10	2
10 0000808682	SHIM (2.9MM)	AR	24 0000808697	DIFFERENTIAL CAGE	1
11 0000808683	SHIM (3.0MM)	AR	25 0000808585	CLAMP M94 X 2	2
12 0000808684	SHIM (3.1MM)	AR	26 0000808538	BEARING	2
13 0000808685	SHIM (3.2MM)	AR	27 0000808696	SLEEVE	1
14 0000808686	SHIM (3.3MM)	AR	28 0000808662	STUD	4

521 - REAR AXLE DIFFERENTIAL LOCK

1000137472

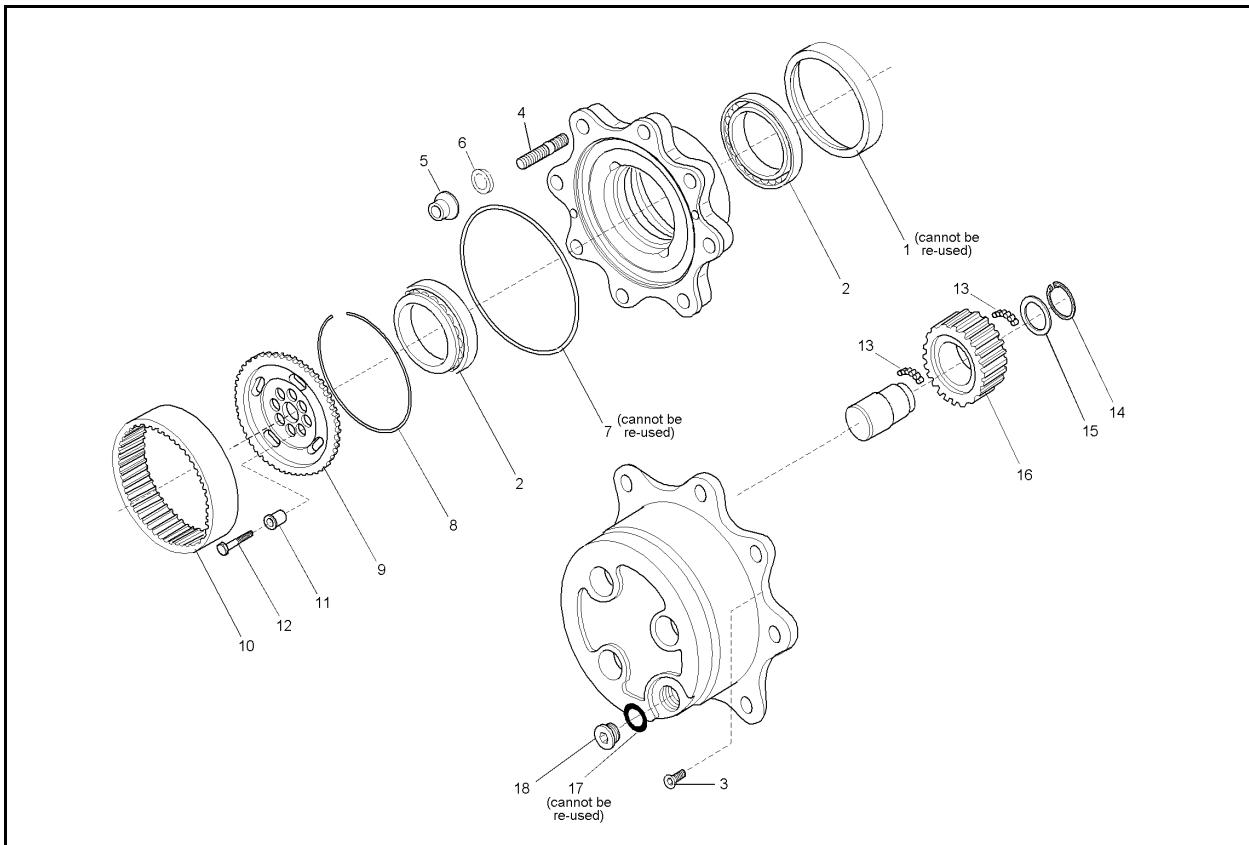


Ref.

No.	Part No.	Description	Qty.
1	177648	HEX SCREW	4
2	0000808644	SUPPORT	1
3	0000808544	O-RING	1
4	0000808643	PISTON	1
5	0000808556	O-RING	1
6	7490682012	CIRCLIP 12 X 1	2
7	0000808641	SPACER RING	2
8	0000808646	SPRING	2

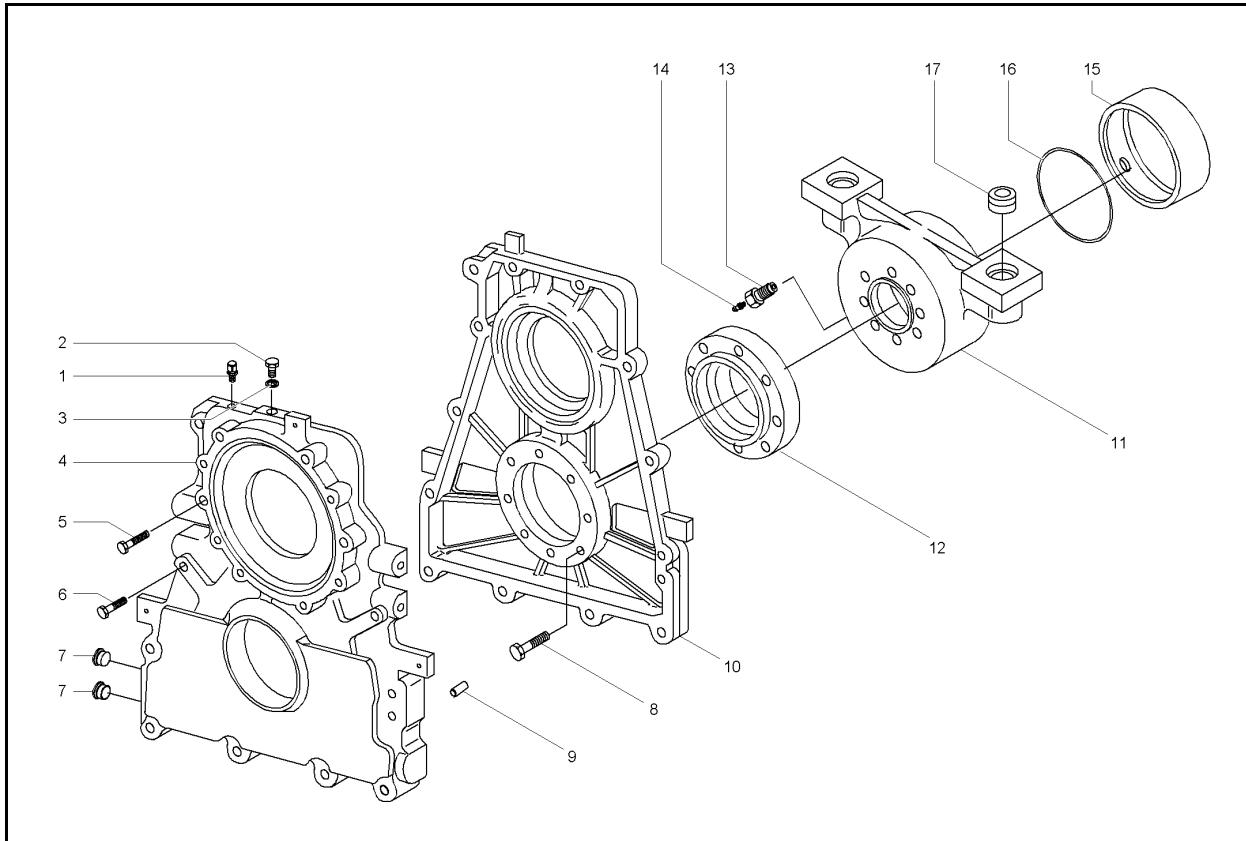
Ref.

No.	Part No.	Description	Qty.
9	0000808640	FORK	1
10	0000808642	BUSHING	1
11	0000808670	JOURNAL	1
12	0000808645	FLANGE	1
13	0000808748	DOUBLE DRIVESHAFT	2
14	0000808676	WASHER	2
15	0000808732	WASHER	2
16	7490682045	CIRCLIP 45 X 1.75	2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000809316	SEAL (Axe #01000700 and up)	2	9	0000808693	PRESSURE PLATE	2
	0000808563	SEAL (Axe #01000699 and before)	2	10	0000808694	HOUSING	2
2	0000808596	BEARING	4	11	0000808735	BUSHING	16
3	7236678131	HS M8 X 20-10.9 A2C	2	12	0000808733	SCREW	16
4	0000808649	STUD BOLT	8	13	0000808550	NEEDLE	2
5	208490	WHEEL NUT	16	14	7490682038	CIRCLIP	6
6	7686682004	SPRING WASHER C20.5-A3C	16	15	0000808700	WASHER	6
7	0000808558	O-RING	2	16	0000808704	GEAR	6
8	0000808621	RING	2	17	0009962406	O-RING 27.6 X 2.4	2
				18	0000808620	PLUG	2

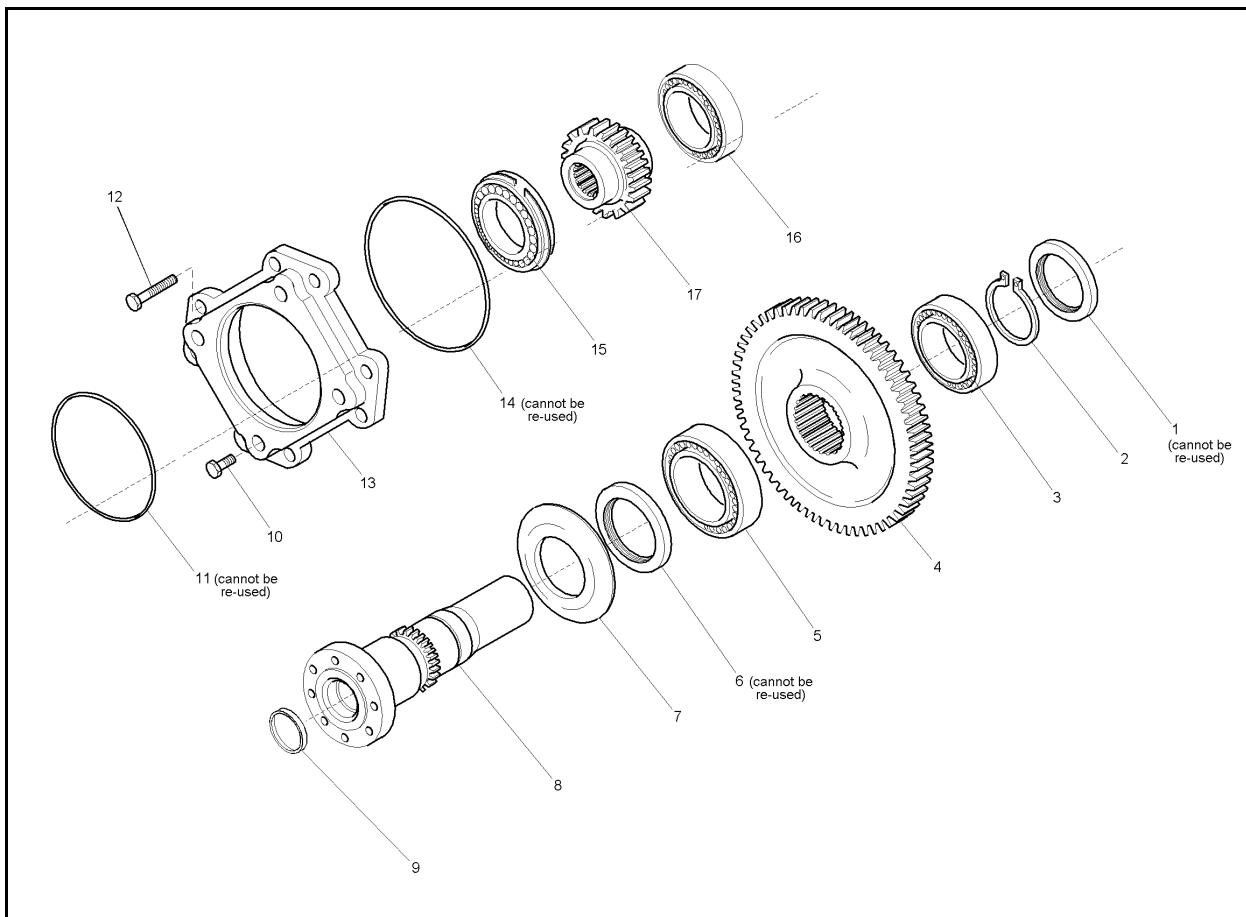
521 - STANDARD SPEED (12.5 MPH) GEARBOX HOUSING
1000137474



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000808583	BREATHER M10 X 1	1	10	0000808713	GEARBOX HOUSING	1
2	0000808720	PLUG	1	11	0000808745	SUPPORT	1
3	0000808518	WASHER	1	12	0000808746	FLANGE	1
4	0000808714	GEARBOX HOUSING	1	13	208925	SCREW	1
5	0000808504	SCREW	2	14	0000808524	GREASE ZERK	1
6	0000808503	SCREW	8	15	0000808609	BUSHING	1
7	0000808620	PLUG	2	16	0000808552	O-RING	1
8	0000808496	SCREW M12 X 55	8	17	0000808591	BUSHING	2
9	0000808577	STUD	2				

521 - STANDARD SPEED GEARBOX INTERNAL PARTS

1000137475



Ref.

No. Part No.

Description

Qty.

1	0000808529	SEALING RING	1
2	7490682065	SNAP RING	1
3	0000808532	BEARING	1
4	0000808690	GEAR	1
5	0000808533	BEARING	1
6	0000808692	SEALING RING	1
7	208721	COVER	1
8	0000808749	SHAFT	1
9	0000808709	PLUG	1

Ref.

No. Part No.

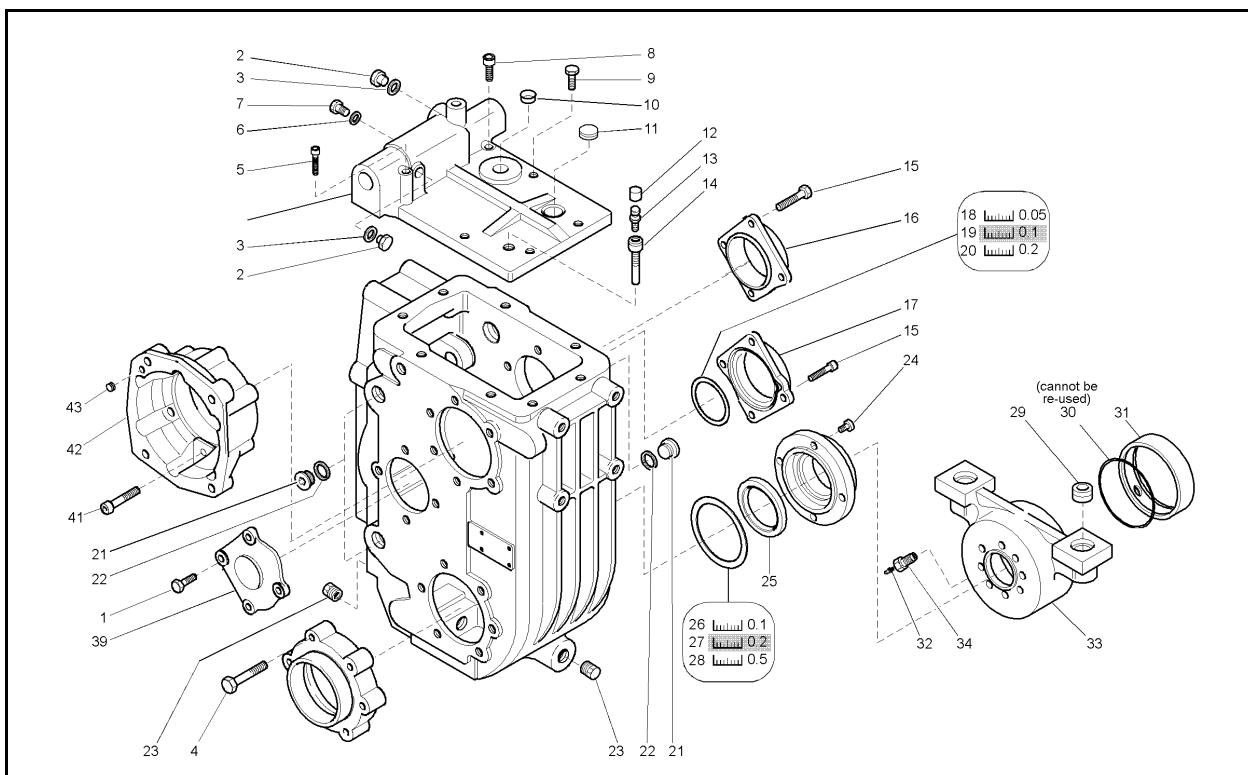
Description

Qty.

10	651475	SHCS M10-1.25 X 30 F8.8 ZY	6
11	0000808547	O-RING	1
12	0000808506	SCREW	2
13	0000808651	FLANGE	1
14	0000808559	O-RING	1
15	0000808535	BEARING	1
16	0000808531	BEARING	1
17	0000808691	GEAR	1

521 - HIGH SPEED (25.0 MPH) GEARBOX HOUSING

1000137476



Ref.

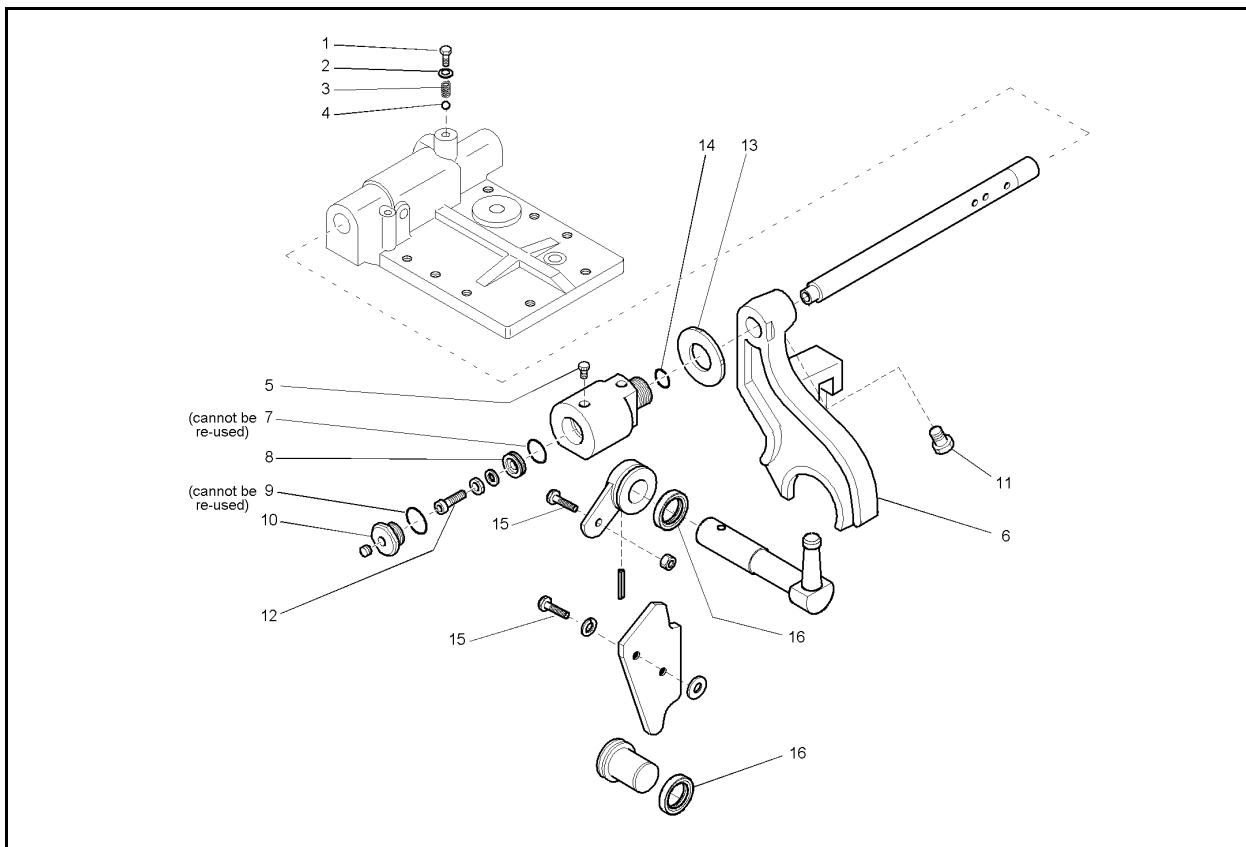
No.	Part No.	Description	Qty.
1	651397	CS M10-1.5 X 35 C8.8 ZY	4
2	0000808495	SCREW	2
3	0000808519	WASHER	2
4	7234677557	HS M10 45-8.8 A2C	6
5	0000808500	SCREW	1
6	0000808522	WASHER	1
7	0000808716	SCREW	1
8	0000808499	SCREW	7
9	656105	CS M8-1.25 X 25 C8.8 ZY	4
10	0000808562	PLUG	1
11	0000808509	PLUG	1
12	0000808669	COVER	1
13	0000808583	BREATHER M10 X 1	1
14	0000808604	EXTENSION	1
15	656094	CS M8-1.25 X 30 C8.8 ZY	4
16	0000808626	SHAFT	1
17	0000808698	COVER	1

Ref.

No.	Part No.	Description	Qty.
18	0000808582	SHIM (0.05MM)	AR
19	0000808581	SHIM (0.1MM)	AR
20	0000808580	SHIM (0.2MM)	AR
21	0000808620	PLUG	3
22	0000808520	WASHER	3
23	0000808579	PLUG M22 X 1.5	2
24	0000808498	SCREW	6
25	0000808530	SEALING RING	1
26	0000808629	SHIM (0.1MM)	AR
27	0000808630	SHIM (0.2MM)	AR
28	0000808631	SHIM (0.5MM)	AR
29	0000808591	BUSHING	2
30	0000808552	O-RING	1
31	0000808609	BUSHING	1
32	0000808524	GREASE ZERK	1
33	0000808745	SUPPORT	1
34	208925	SCREW	1

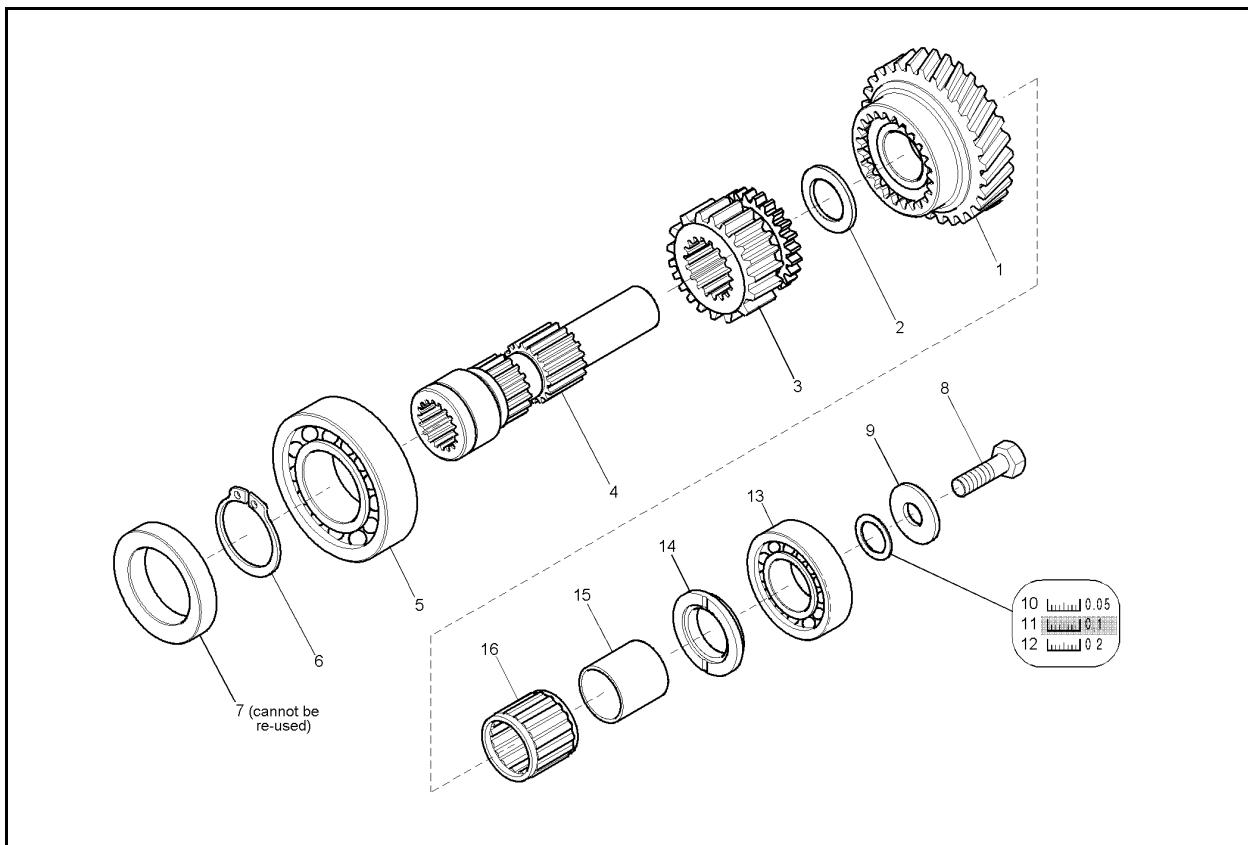
521 - HIGH SPEED GEAR SHIFTER

1000137477



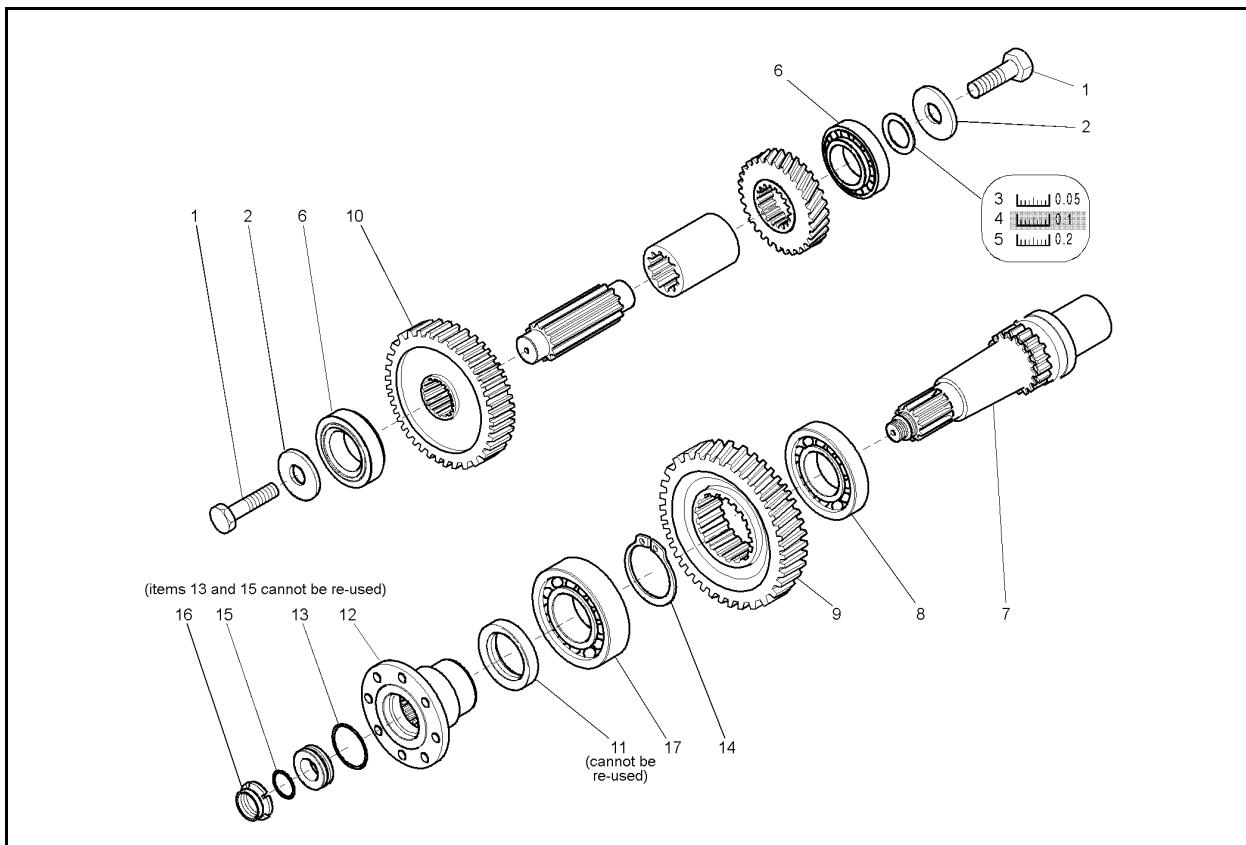
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000808716	SCREW	1	9 0000808521	WASHER	1
2 0000808522	WASHER	1	10 0000808701	PLUG	1
3 0000808575	SPRING	1	11 0000808584	SCREW	1
4 0000808549	BALL	1	12 651424	CS M6-1 X 20 C8.8 ZY	1
5 0000808560	PLUG	2	13 0000808703	WASHER	1
6 0000808730	FORK	1	14 0000808543	O-RING	1
7 0000808544	O-RING	1	15 177648	HEX SCREW	2
8 0000808664	PISTON	1	16 0000808527	SEALING RING	2

521 - HIGH SPEED GEARBOX INPUT SHAFT (CONTROL GEAR)
1000137478



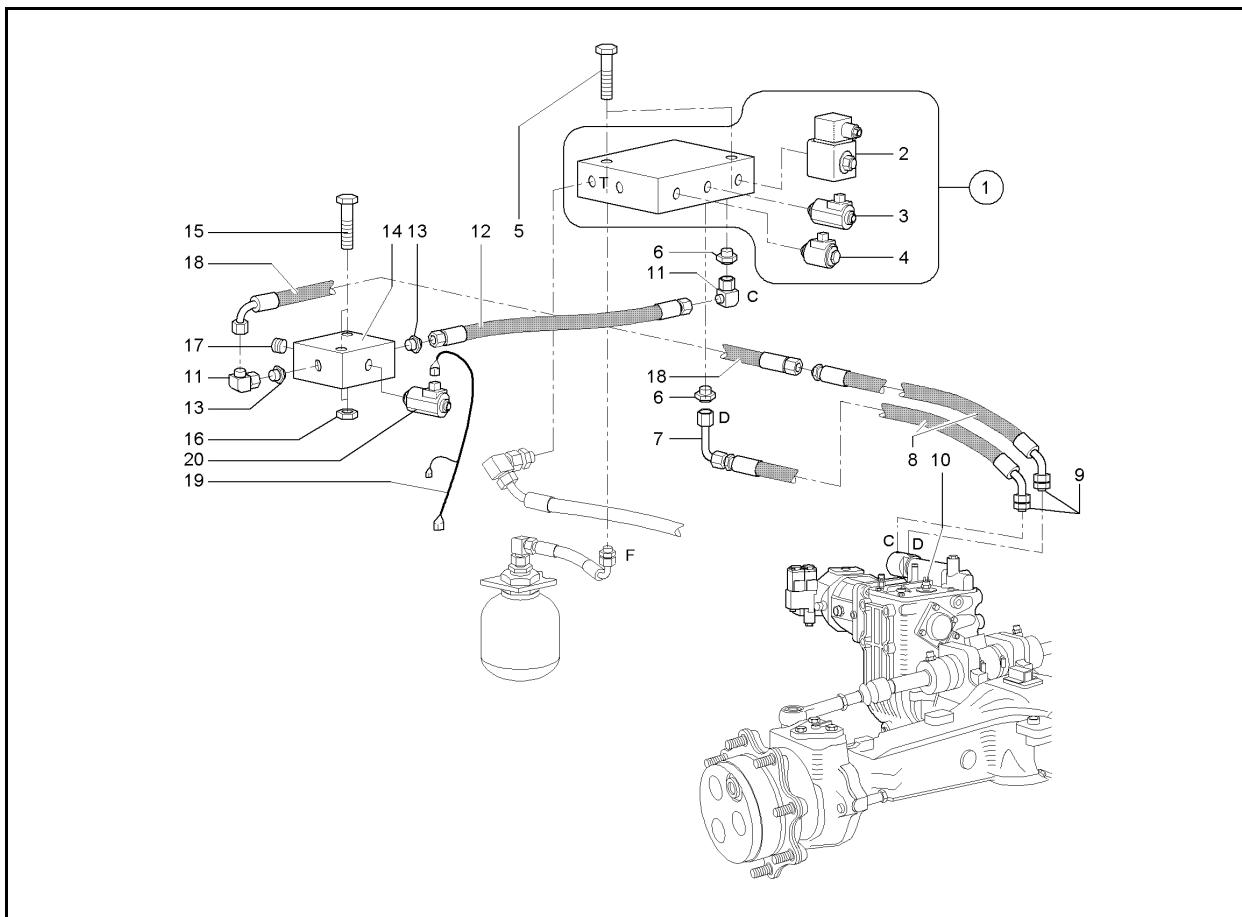
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000808632	GEAR	1	9	0000808616	WASHER	1
2	0000808665	SPACER RING	1	10	0000808612	SHIM (0.05MM)	AR
3	0000808710	GEAR	1	11	0000808613	SHIM (0.10MM)	AR
4	0000808668	SHAFT	1	12	0000808614	SHIM (0.20MM)	AR
5	0000808534	BEARING	1	13	0000808537	BEARING	1
6	7490682055	CIRCLIP 55 X 2	2	14	0000808666	SPACER RING	1
7	0000808656	SPACER RING	1	15	0000808541	RING	1
8	208449	SCREW	1	16	0000808542	NEEDLE BEARING	1

521 - HIGH SPEED GEARBOX INPUT SHAFT (BEARING)
1000137479

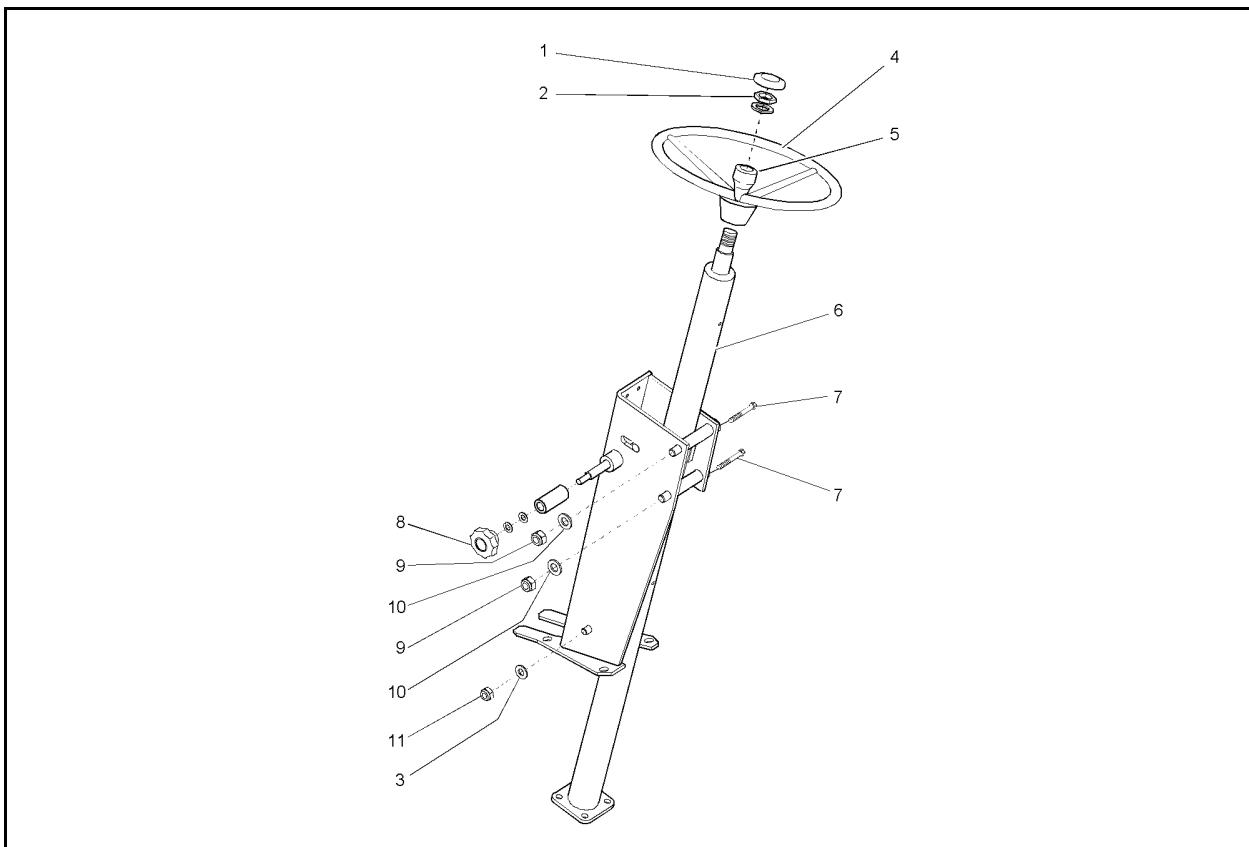


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208449	SCREW	2	10	0000808711	GEAR	1
2	0000808616	WASHER	2	11	0000808599	SEALING RING	1
3	0000808612	SHIM (0.05MM)	AR	12	0000808603	FLANGE	1
4	0000808613	SHIM (0.1MM)	AR	13	0000808555	O-RING	1
5	0000808614	SHIM (0.2MM)	AR	14	7490682072	CIRCLIP 72 X 2.5	1
6	0000808539	BEARING	2	15	0000808546	O-RING	1
7	0000808751	SHAFT	1	16	0000808677	NUT	1
8	0000808533	BEARING	1	17	0000808536	BEARING	1
9	0000808634	GEAR	1				

521 - HIGH SPEED GEARBOX HYDRAULICS INSTALLATION
1000137480



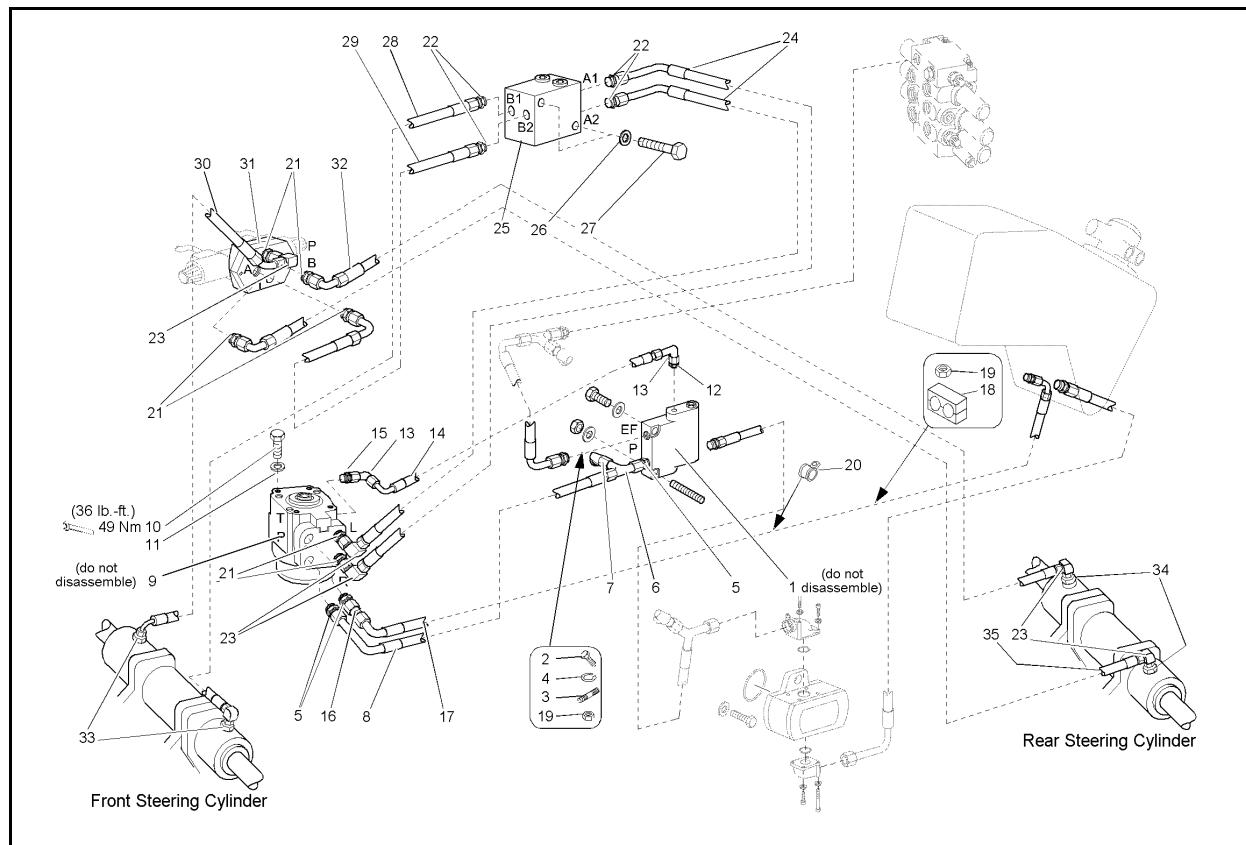
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0003611977	VALVE BLOCK	1	11	165962	90° FITTING	2
2	209877	SOLENOID	1	12	209416	HP HOSE	1
3	0000809339	SOLENOID COIL	1	13	165960	SCREW JOINT	2
4	0000809231	SOLENOID COIL	1	14	207563	VALVE BLOCK	1
5	656004	CS M8-1.25 X 55 C8.8 ZY	2	15	162028	SCREW	1
6	0003631666	SCREW CONNECTION	1	16	651456	LN INS M5-0.8 C8 ZY	1
7	0003631969	SCREW CONNECTION	1	17	207567	LOCK SCREW	1
8	0003652814	HP HOSE	2	18	203848	HP HOSE	1
9	161482	SCREW JOINT	2	19	203855	WIRING HARNESS	1
10	0003330826	SPEED TRANSMITTER	1	20	209759	SOLENOID VALVE	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000801843	COVER	1	7	179769	SCREW	2
2	207562	HEX NUT	1	8	0000809389	LEVER	1
3	7451680112	WASHER A10.5	1	9	179793	NUT	2
4	0382730001	STEERING WHEEL	1	10	7451680013	WASHER	2
5	0382730026	HANDLE	1	11	651448	LN INS M10-1.5 C8 ZY	1
6	0000809381	STEERING COLUMN	1				

521 - STEERING HYDRAULICS INSTALLATION

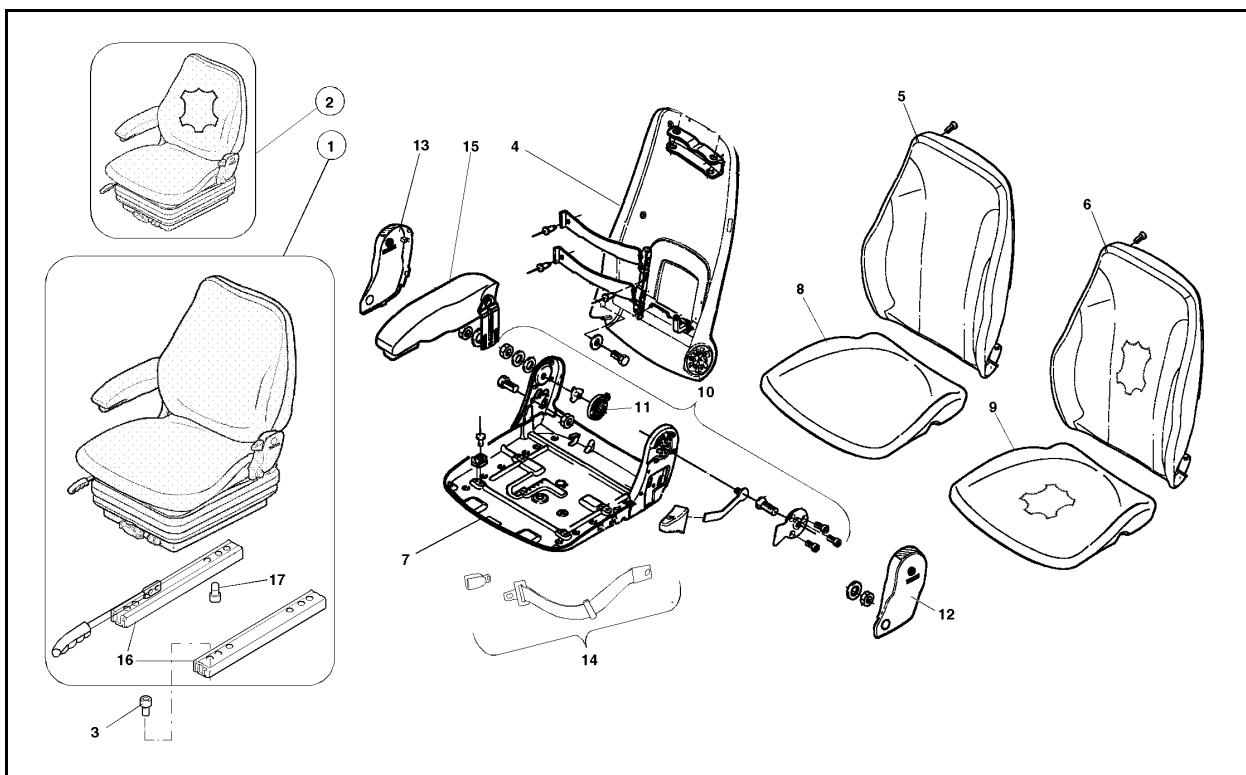
1000137482



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003614377	PRIORITY VALVE	1	19 656048	HN M8-1.25 C8 ZY DIN934	3
2 164906	SCREW	1	20 0009938328	CLAMP	1
3 7397677088	STUD BOLT M8 X 65-8.8 A2C	1	21 0003636516	SCREW CONN. GE 10LM M18 X 1.5 E A3C	6
4 206958	WASHER	2	22 164949	SCREW JOINT	4
5 0003630315	SCREW CONNECTION	3	23 161444	90° FITTING	5
6 161471	ELBOW	1	24 0003653514	HP HOSE	2
7 0003630063	TEST CONNECTION M8 X 1 A3C	1	25 0002731881	VALVE BLOCK	1
8 0003652114	HP HOSE	1	26 7451680109	WASHER B6.4-140HV A2C	2
9 0382730602	STEERING VALVE	1	27 164913	SCREW	2
10 656006	CS M10-1.5X20 C8.8 ZY	4	28 0003654114	HP HOSE	1
11 0009923528	SPRING WASHER VSK 10	4	29 0009934955	HP HOSE	1
12 0003631320	SCREW CONN. GE 10LM M12 X 1.5 O.M D	1	30 203842	HP HOSE	1
13 161444	90° FITTING	2	31 202243	SOLENOID VALVE 4/2	1
14 0003650704	HP HOSE	1	32 0009930889	HP HOSE	1
15 0003630067	COVER	1	33 0003632371	SCREW CONNECTION	2
16 0383600083	CONNECTING PIECE	1	34 0003632471	SCREW CONNECTION	2
17 0003651104	HP HOSE	1	35 0003653914	HP HOSE	1
18 0009939650	CLAMP D 20/25 PPH	2			

521 - OPERATOR'S SEAT

1000137483



Ref.

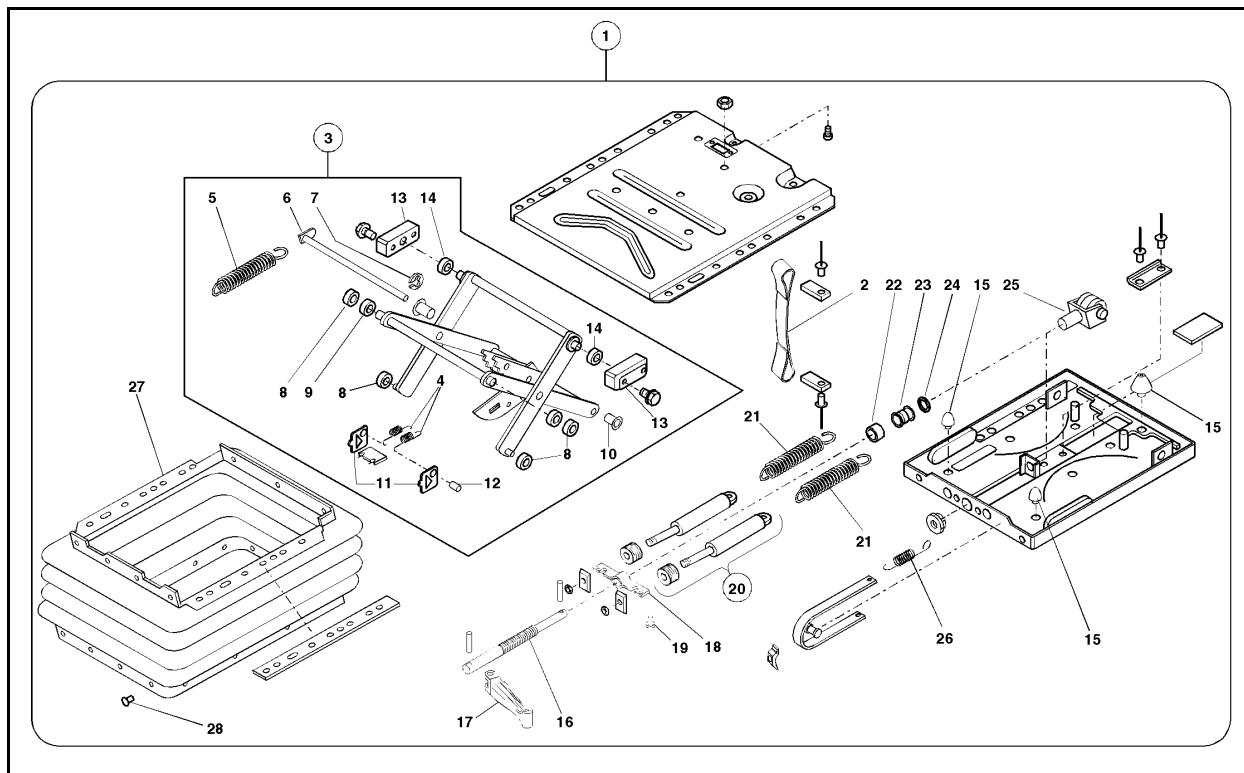
No.	Part No.	Description	Qty.
1	0162910401	OPERATOR'S SEAT/CLOTH	1
2	0162910501	OPERATOR'S SEAT/LEATHERETTE	1
3	651515	SHCS M8-1.25 X 20 C8.8 ZY	4
4	0000806515	BACKREST FRAME	1
5	177458	BACKREST CUSHION/CLOTH	1
6	0000809150	BACKREST CUSHION/LEATHERETTE	1
7	207813	SEAT PLATE	1
8	165589	SEAT CUSHION/CLOTH	1
9	0000809151	SEAT CUSHION/LEATHERETTE	1

Ref.

No.	Part No.	Description	Qty.
10	0000806516	ATTACHMENTS	1
11	0000806489	LEG SPRING	1
12	0000806507	COVER LT	1
13	0000806508	COVER RT	1
14	0202910069	SEAT BELT	1
15	0000809141	ARMREST	1
16	0000809145	ADJUST SLIDE RAIL	1
17	204593	SHCS	1

521 - OPERATOR'S SEAT BASE

1000137484

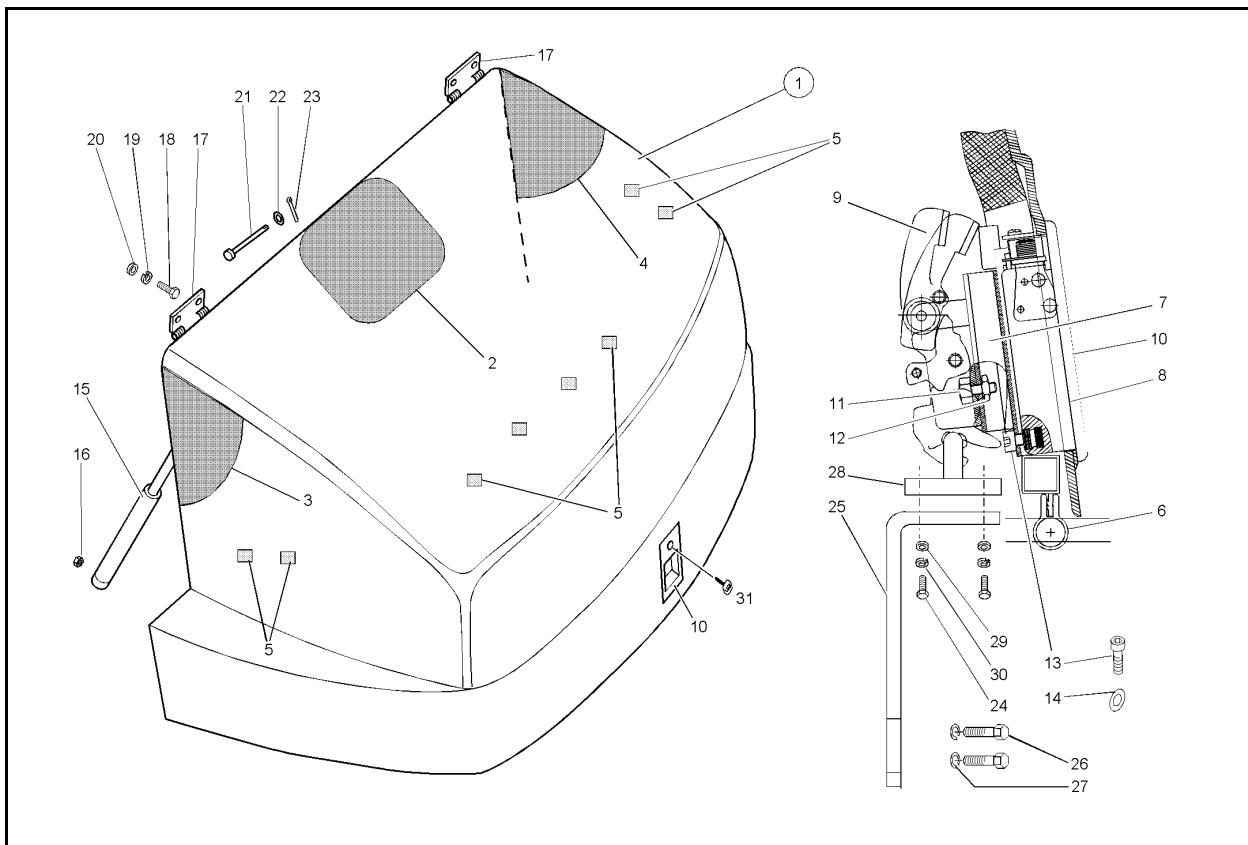


Ref.

No.	Part No.	Description	Qty.
1	0000804013	OPERATOR'S SEAT BASE ASSY	1
2	0000802163	BELT	1
3	0000802171	LINKAGE COMPLETE	1
4	0000801508	TENSION SPRING	2
5	0000802160	TENSION SPRING	1
6	207826	PIN	1
7	207827	SNAP RING	1
8	0000806485	DRUM	4
9	0000806493	BUSHING	2
10	0009943854	BUSHING	2
11	0000806486	BRACKET	2
12	0000806133	PIN	1
13	0000806494	SUSPENSION	1
14	0000806490	BUSHING	2

Ref.

No.	Part No.	Description	Qty.
15	0000806488	BUFFER	1
16	0000802164	ADJUSTMENT SPINDLE	1
17	0000802157	HANDLE	1
18	0000806483	SPRING BRACKET	1
19	0000806131	PLUG	1
20	0000802162	SHOCK ABSORBER COMPLETE	2
21	0000802150	TENSION SPRING	2
22	0000806484	BUSHING	1
23	0009943815	BEARING	1
24	0000806127	WASHER	1
25	0000805695	GUIDE WHEEL	1
26	0009921501	SPRING	1
27	0000806155	BELLows	1
28	0009905009	PLUG	22

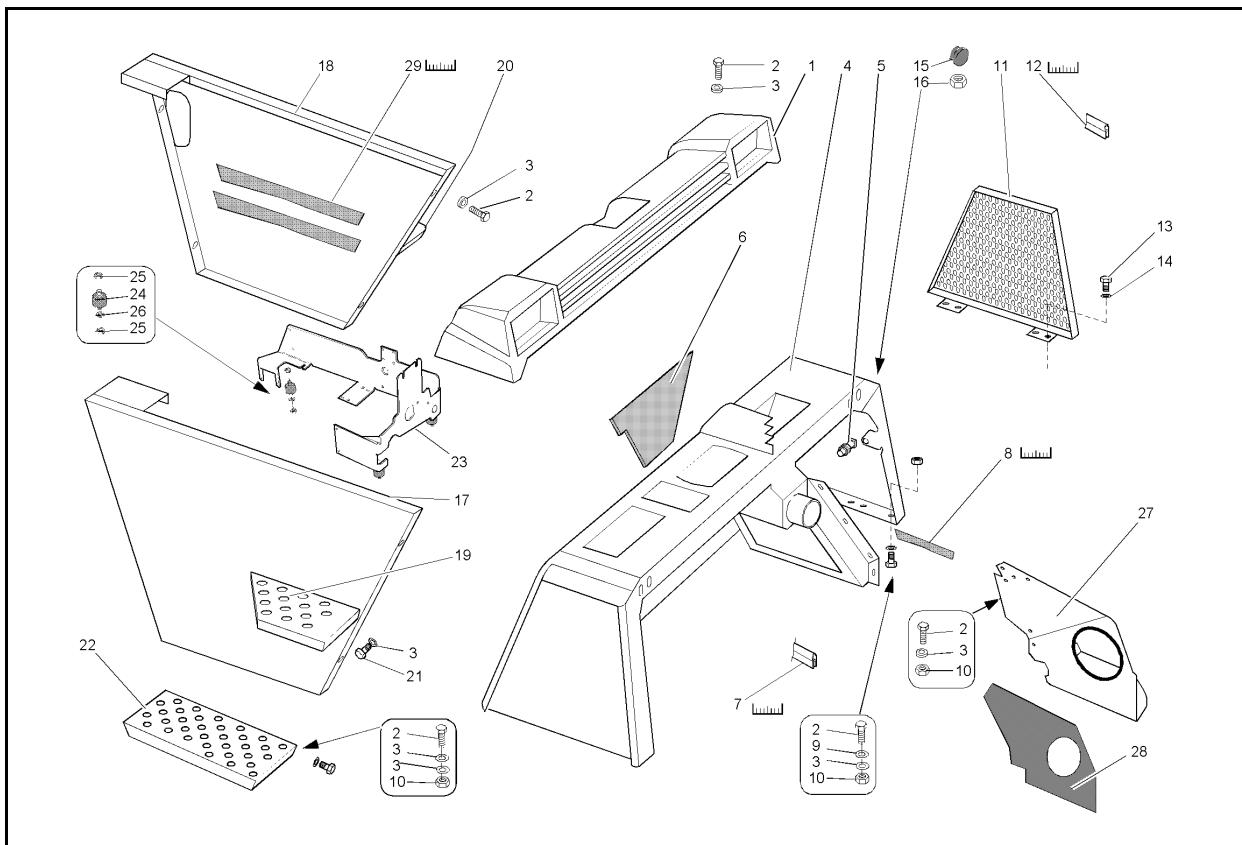


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383000130	ENGINE HOOD	1	17	0009946982	HINGE	2
2	0000801601	ISOLATION MAT	1	18	651466	FHCS M8-1.25 X 20 C8.8 ZY	4
3	0000801602	ISOLATION MAT	1	19	163634	WASHER	4
4	0000801603	ISOLATION MAT	1	20	7405677005	HN M8-8 A2C	4
5	0000801604	VELCRO	88	21	7900104307	PIN B-6X 70 X 62.5-ST	2
6	0000801836	SEAL	1	22	7453680112	WASHER B6.4-140HV A2C	2
7	0000801605	LOCK LATCH	1	23	7530680018	SPLIT PIN 1.6 X 12 ST A2C	2
8	0003410219	LINING	1	24	651457	LN INS M6-1 C8 ZY	2
9	0003415344	LOCK LATCH	1	25	1383050440	BRACKET T=6 FE/ZN 12 C	1
10	0003417141	HOOD HANDLE & LOCK W/O KEY	1	26	651404	CS M12-1.75 X 20 C8.8 ZY	2
11	179757	SCREW	2	27	0009922728	SPRING WASHER	2
12	7405677005	HN M8-8 A2C	2	28	0003410883	LATCH STRIKER	1
13	204642	SHCS M6 X 10-8.8 A2C	4	29	651424	CS M6-1 X 20 C8.8 ZY	2
14	7451680109	WASHER B6.4-140HV A2C	4	30	7462680008	WASHER	2
15	0000801609	GAS STRUT	2	31	101792	KEY*	1
16	7405677005	HN M8-8 A2C	2				

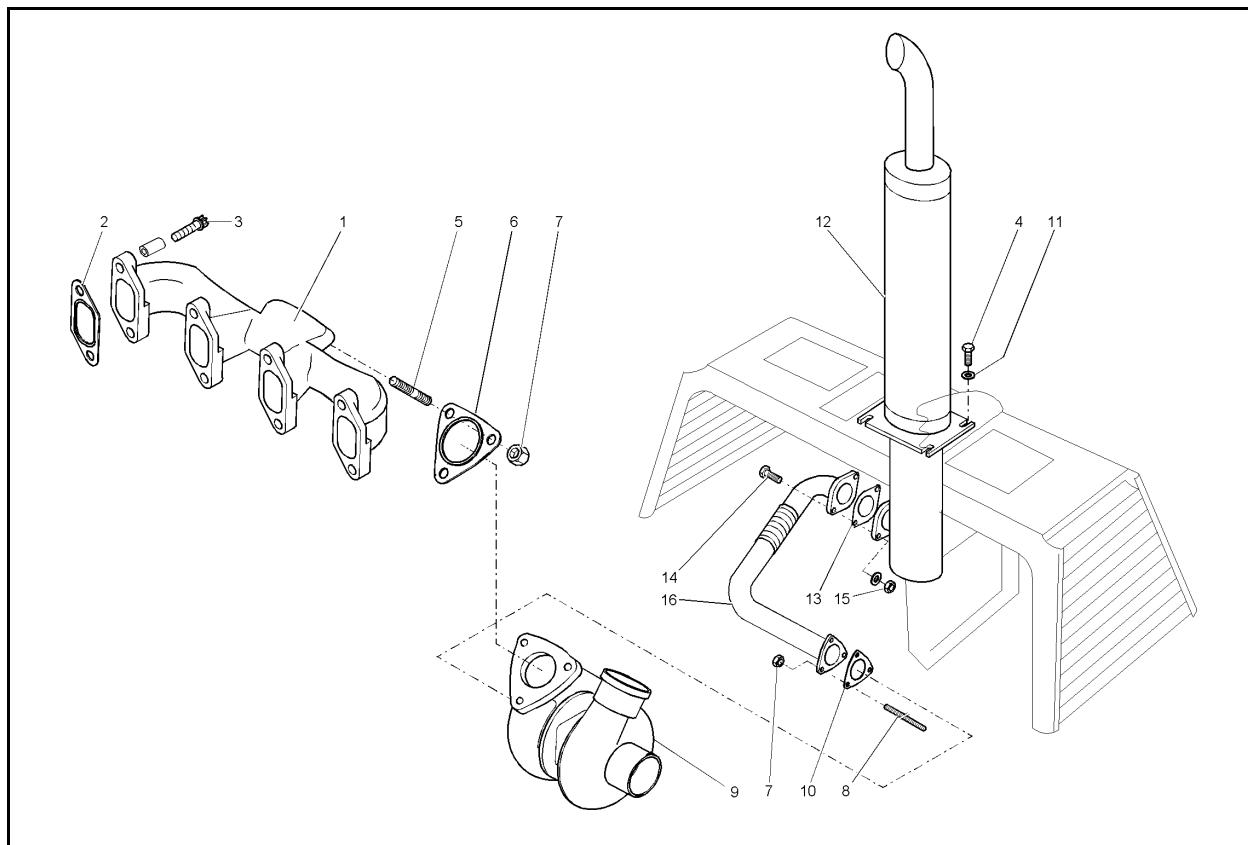
* Same key for starter, engine hood, and cab doors.

521 - COWL & LOWER BODY TRIM

1000137486



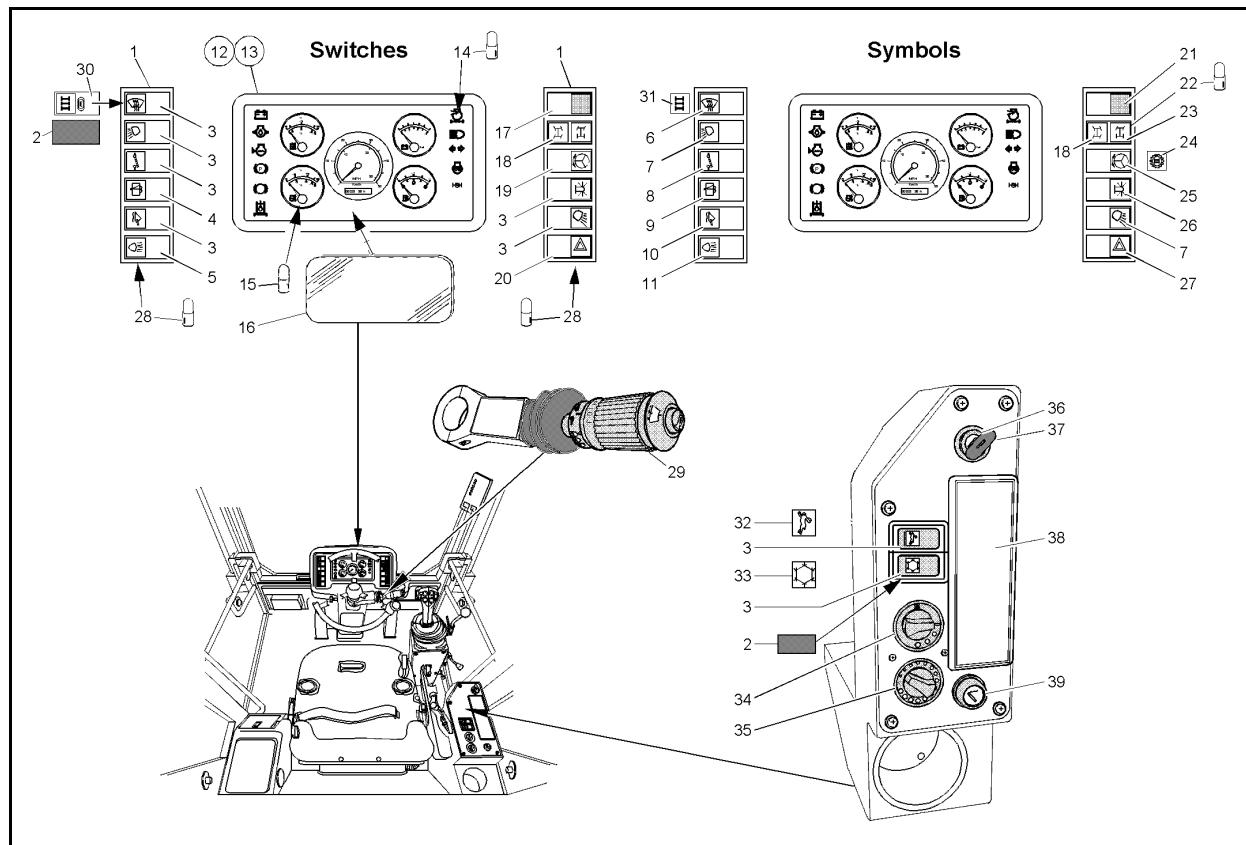
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383050003	LIGHT BORDER	1	16	656047	HN M6-1 C8 ZY	1
2	177648	HEX SCREW	33	17	1383000321	SIDE PANEL LT	1
3	7462680011	WASHER 8.4 ST A2C	43	18	203847	SIDE PANEL RT	1
4	0383000448	COWL	1	19	0383030551	FOOTHOLD/UPPER LT	1
5	0003415444	LOCK	1	20	0383030651	FOOTHOLD/UPPER RT	1
6	0383410688	ISOLATION MAT	1	21	651430	CS M8-1.25 X 12 C8.8 ZY	4
7	206607	PROFILE (1.0M)	1	22	0383030451	FOOTHOLD/LOWER	2
8	206530	RUBBER BAND 30 X 5 (0.28M)	1	23	0382900009	CONSOLE	1
9	163634	WASHER	4	24	0009935684	RUBBER BUFFER	3
10	7405677005	HN M8-8 A2C	10	25	656048	HN M8-1.25 C8 ZY DIN934	6
11	0383000026	LID	1	26	7462680011	WASHER 8.4 ST A2C	6
12	206045	PROFILE (1.0M)	1	27	0383000921	Sheet Metal Separation	1
13	9901671G	HEX HEAD SCREW	4	28	0383410588	ISOLATION MAT	1
14	7462680008	WASHER	4	29	206534	RUBBER BAND 30 X 5 (0.55M)	2
15	0899930278	PROFILE	3				



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000801935	EXHAUST MANIFOLD	1	9	133496	EXHAUST TURBOCHARGER	1
2	0000801401	GASKET	4	10	0000801939	SEAL	1
3	133236	TORX SCREW	8	11	163634	WASHER	4
4	177648	HEX SCREW	4	12	0383210501	EXHAUST MUFFLER	1
5	0000801403	STUD BOLT M8 X 20	3	13	7594655060	SEAL 60 X 94 X 2 FAME	1
6	0000801404	GASKET	1	14	651407	CS M12-1.75 X 40 C8.8 ZY	2
7	656048	HN M8-1.25 C8 ZY DIN934	6	15	7403677804	HN M12-8	2
8	133180	STUD BOLT	3	16	0383200704	EXHAUST PIPE	1

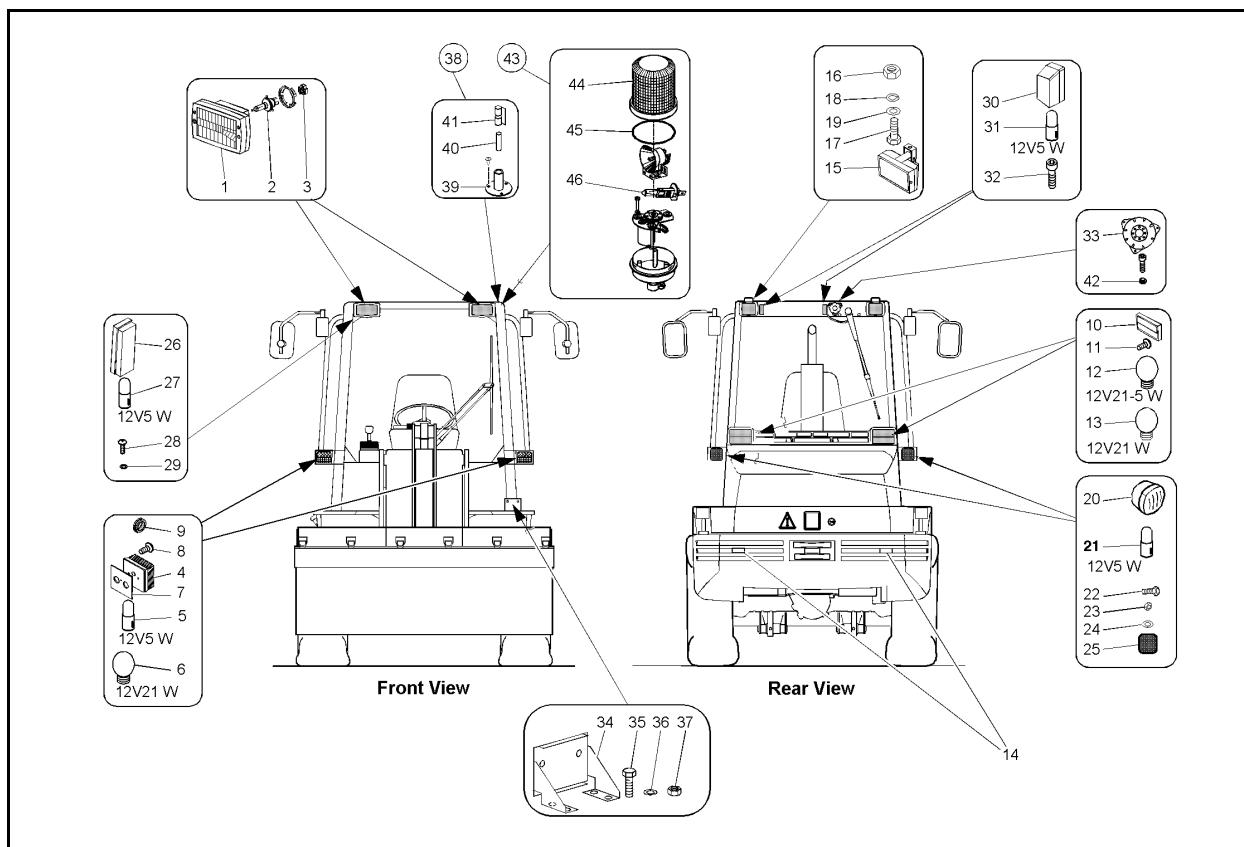
521 - INSTRUMENT PANEL

1000137491



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003330145	SWITCH FRAME	2	22 0003325912	INDICATOR	1
2 0003320872	SWITCH SLOT COVER	1	23 0004355943	SYMBOL/FRONT WHEEL STEER	1
3 0003338108	ROCKER SWITCH	8	24 0004358743	SYMBOL/STEERING (25.0 MPH)	1
4 0003335607	ROCKER SWITCH	1	25 0004356543	SYMBOL/STEERING (12.5 MPH)	1
5 0003338208	ROCKER SWITCH	1	26 0004351743	SYMBOL/BEACON	1
6 203858	SYMBOL/WINDOW DEFROST	1	27 0004356143	SYMBOL/HAZARD WARNING	1
7 0004351843	SYMBOL/WORKING LIGHT	2	28 177646	BULB	1
8 0004359643	SYMBOL/ELEC IMPLEMENTS	1	29 0000809384	MULTIFUNCTIONAL LEVER	1
9 0004352543	SYMBOL/REAR WIPER SYSTEM	1	30 0003335807	ROCKER SWITCH	1
10 0004355543	SYMBOL/LOAD STABILIZER	1	31 203851	SYMBOL/3RD CONTROL CIRCUIT	1
11 0004356243	SYMBOL/LIGHTS	1	32 0004353943	SYMBOL/HIGH SPEED	1
12 0003361705	INSTRUMENT PANEL (12.5 MPH)	1	33 0004351045	SYMBOL/AIR CONDITIONING	1
13 0003361605	INSTRUMENT PANEL (25.0 MPH)	1	34 0000809497	CONTROL KNOB/FAN SPEED	1
14 0000808372	LIGHT BULB	1	35 0000809470	CONTROL KNOB/INCOMING AIR TEMP	1
15 0000808371	LIGHT BULB	1	36 0003331306	PREHEATING START SWITCH W/KEYS	1
16 0000805111	CLEAR COVER/INSTRUMENT PANEL	1	37 101792	KEY*	1
17 0003336907	TIP SWITCH (RED)	1	38 0003321172	RADIO SLOT COVER	1
18 0004357943	SYMBOL/ALL WHEEL STEER	1	39 0004330155	CIGARETTE LIGHTER	1
19 0003335807	ROCKER SWITCH	1			
20 0003332807	ROCKER SWITCH	1			
21 0004357443	SYMBOL/SPEED SYNCHRONIZE	1			

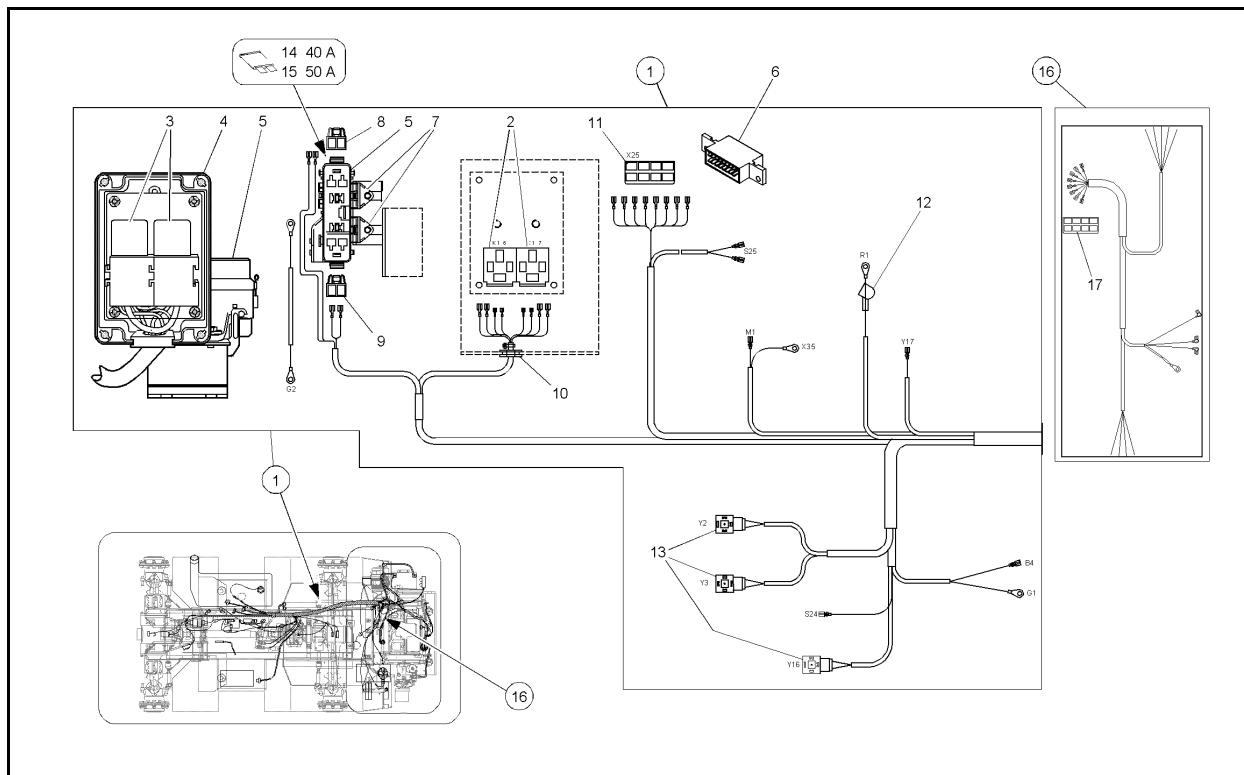
* Same key for starter, engine hood, and cab doors.



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003326801	MAIN HEADLIGHT H4	2	24 7451680108	WASHER B5.3	8
2 163002	HALOGEN LAMP	2	25 0009931185	PLATE	6
3 0000800820	PLUG	2	26 0000809051	INTERIOR LIGHT	1
4 0000801593	POSITION LIGHT	2	27 163010	LIGHT BULB (12V/5W)	2
5 7734000354	LIGHT BULB (12V/5W)	2	28 0000801744	SHEET METAL SCREW 4.2 X 19	2
6 7734000917	LIGHT BULB (12V/21W)	2	29 7479682409	SERRATED LOCKWASHER A6.4 A2C	2
7 0000801629	LINNING	2	30 0003322604	NUMBERPLATE LIGHT	2
8 0000802025	SCREW M4 X 10	4	31 163010	LIGHT BULB (12V/5W)	2
9 0000801783	GUIDE	2	32 9901666G	SCREW	4
10 0003326215	REAR LIGHT	2	33 0003322005	BACK-UP (REVERSE) ALARM	1
11 9901666G	SCREW	4	34 1643010040	SUPPORT BRACKET	1
12 163008	LIGHT BULB (12V/21-5W)	2	35 651424	CS M6-1 X 20 C8.8 Z	2
13 7734000917	LIGHT BULB (12V/21W)	2	36 7451680109	WASHER B6.4-140HV A2C	2
14 0003321507	REFLECTOR	2	37 651457	LN INS M6-1 C8 ZY	2
15 0003327901	WORKING LIGHT	1	38 0383300045	MOUNTING KIT/ROTATING BEACON	1
16 656102	HN M10-1.25 F8 ZY	1	39 0000801691	SUPPORT BRACKET	1
17 656006	CS M10-1.5 X 20 C8.8 ZY	1	40 0000801769	PLUG	1
18 0009930963	WASHER	1	41 0000801770	RUBBER CAP	1
19 177460	EXTERNAL TOOTH LOCKWASHER	1	42 656116	HN M4-0.7 C8 ZY	3
20 0003323515	REAR LIGHT	2	43 205469	ROTATING BEACON	1
21 163010	LIGHT BULB (12V/5W)	2	44 0003325452	LIGHT COVER	1
22 651423	CS M5-0.8 X 25 C8.8 ZY	4	45 0003322746	SEAL	1
23 656100	HN M5-0.8 C8 ZY	4	46 0003321610	BULB H1	1

521 - MAIN WIRING HARNESS

1000137493



Ref.

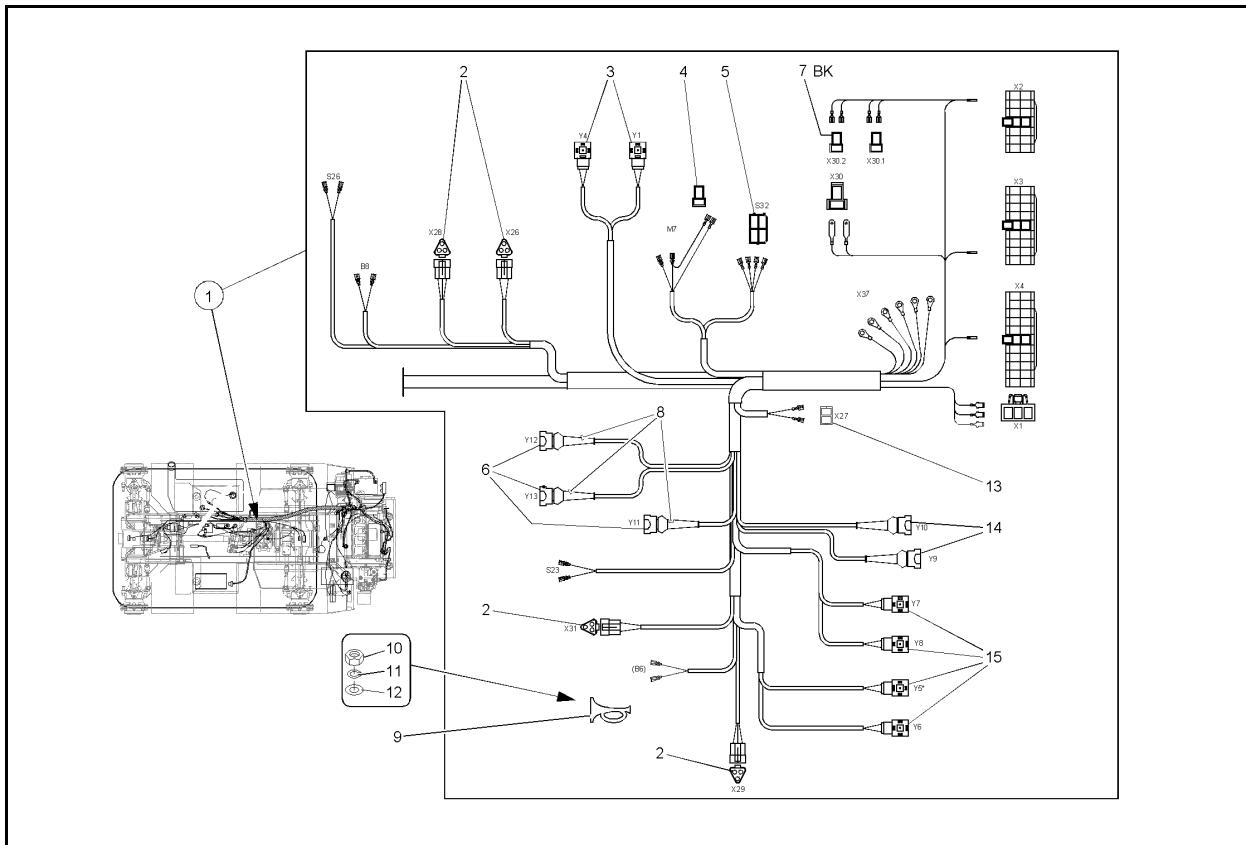
No.	Part No.	Description	Qty.
1	0383302410	WIRING HARNESS	1
2	0003320628	BASE	2
3	204662	RELAY (70A)	2
4	207706	HOUSING	1
5	0003334320	FUSE BOX	1
6	0003333311	PLUG AND SOCKET DISTRIBUTOR	1
7	0003330222	CONNECTING STRAP	2
8	0003331967	SOCKET HOUSING	1
9	0003332067	SOCKET HOUSING	1

Ref.

No.	Part No.	Description	Qty.
10	0009966742	GROMMET	1
11	162847	CONNECTOR	2
12	0003350297	COVER	1
13	0003330466	PLUG	2
14	162838	FUSE (40A)	1
15	161998	FUSE (50A)	1
16	0383300210	WIRING HARNESS	1
17	162847	CONNECTOR	2

521 - MAIN WIRING HARNESS (CONT'D)

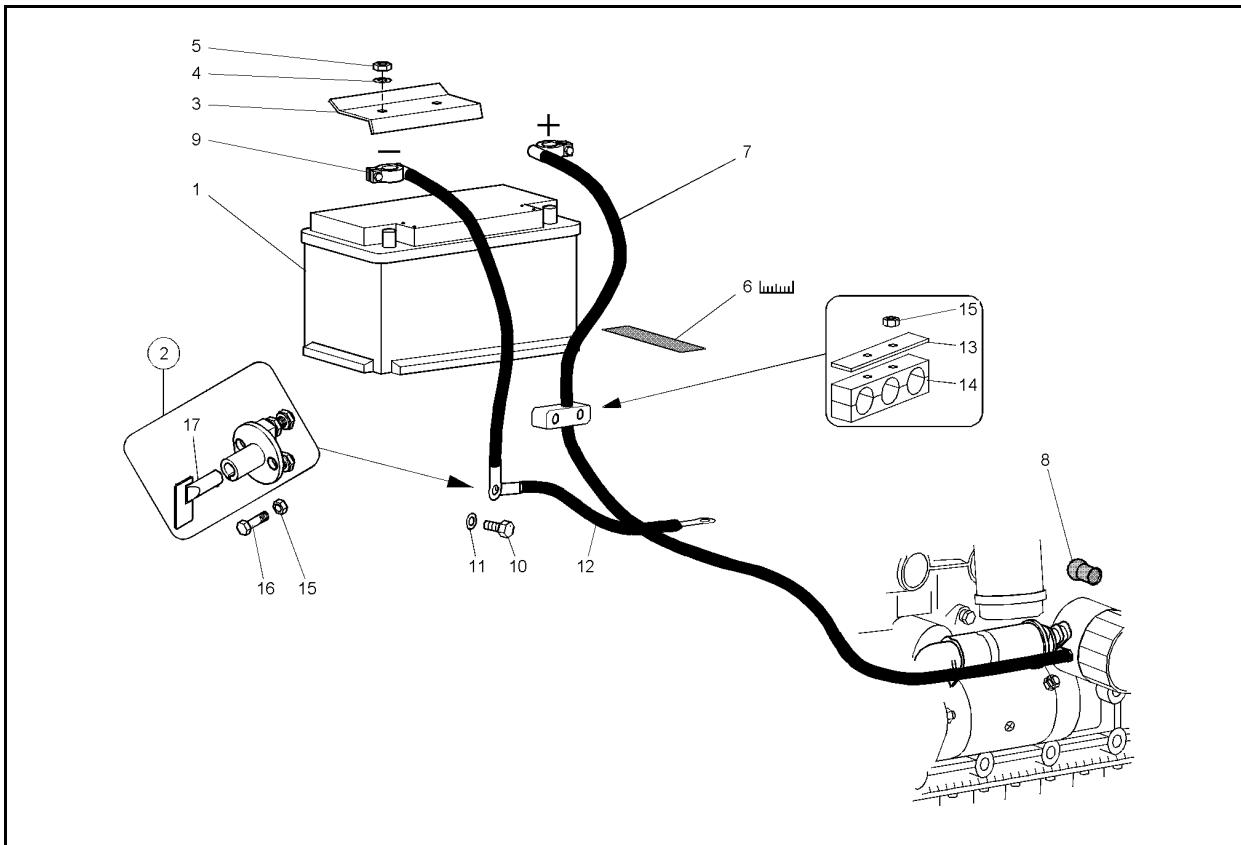
1000137494



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383302410	WIRING HARNESS	1	9	0003322105	HORN (12V)	1
2	0003338865	HOUSING	4	10	656048	HN M8-1.25 C8 ZY DIN934	1
3	0003330466	PLUG	2	11	206958	WASHER	1
4	201821	PLUG	1	12	163634	WASHER	1
5	162003	PLUG	1	13	9709160G	PLUG	1
6	0003334765	PLUG	3	14	0003334765	PLUG	2
7	0003339266	SOCKET HOUSING	1	15	0003330466	PLUG	4
8	0003350397	PROTECTIVE CAP	3				

521 - BATTERY

1000137495



Ref.

No. Part No.

Description

Qty.

1	*	BATTERY	1
2	0003336407	BATTERY MASTER SWITCH W/KEY	1
3	1383350040	BRACKET	1
4	7405677005	HN M8-8 A2C	2
5	163634	WASHER	2
6	206539	RUBBER BAND 30 X 5 (1.0 M)	1
7	0003306612	BATTERY CABLE/POSITIVE (+)	1
8	0223350097	COVER	1
9	0003307912	BATTERY CABLE/NEGATIVE (-)	1

Ref.

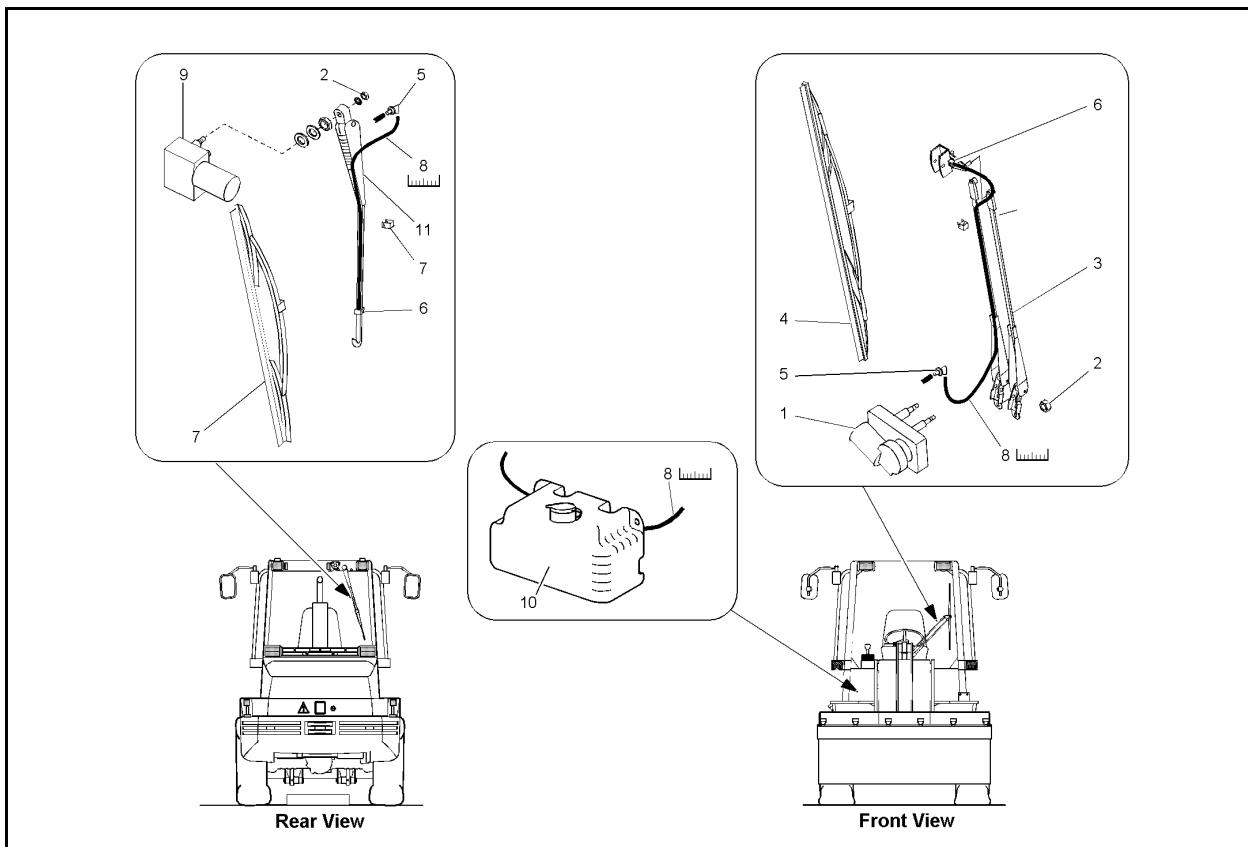
No. Part No.

Description

Qty.

10	651393	CS M10-1.5 X 25 C8.8 ZY	1
11	0009923528	SPRING WASHER VSK 10	1
12	0003307412	CABLE/GROUND	1
13	0009932485	COVER PLATE	2
14	0009939150	CLAMP	2
15	651457	LN INS M6-1 C8 ZY	4
16	651424	CS M6-1 X 20 C8.8 ZY	2
17	0000801464	KEY	1

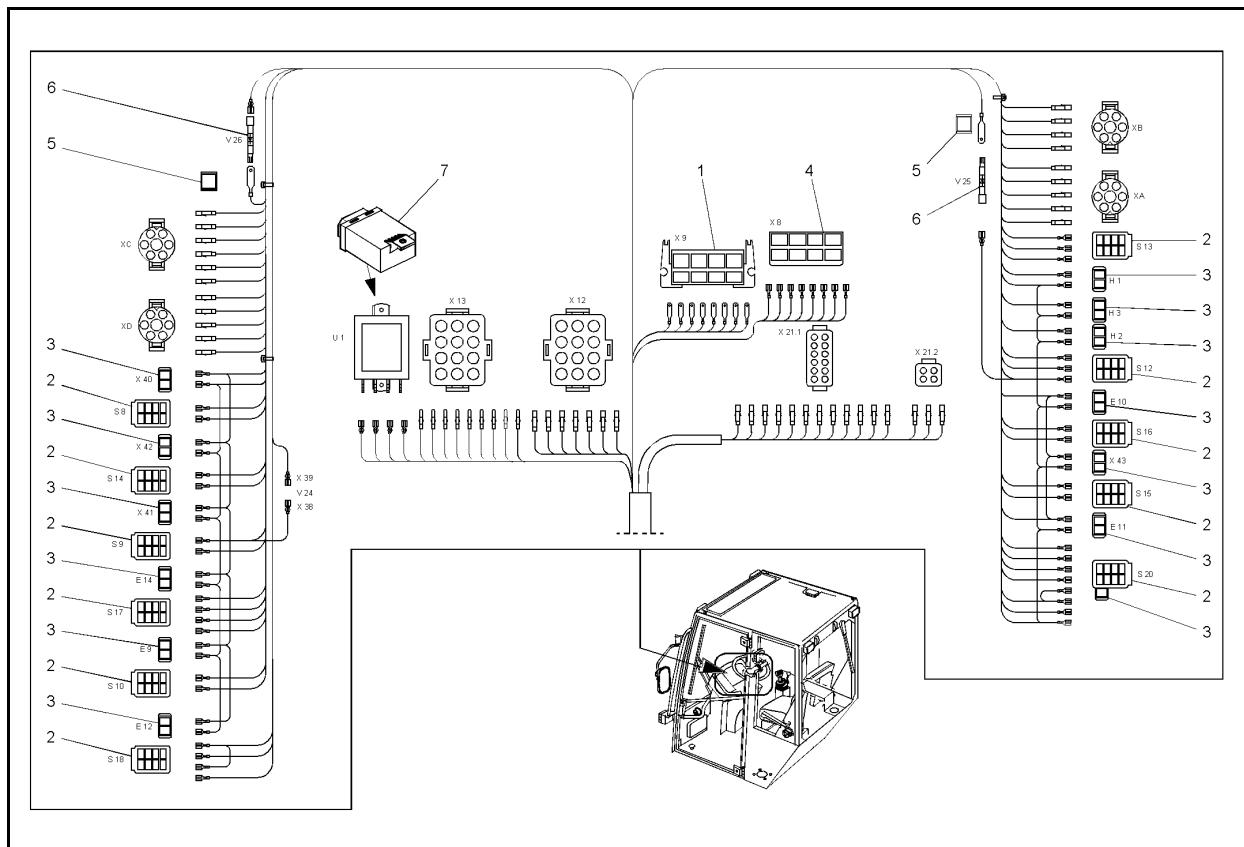
* Purchase locally; Group size 47, 12V/72AH/570CCA.



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000809357	WIPER MOTOR	1	7 0000809366	WIPER BLADE	1
2 656048	HN M8-1.25 C8 ZY DIN934	2	8 206046	HOSE (1.0 M)	1
3 0000809358	WIPER ARM	1	9 0000809363	WIPER MOTOR	1
4 0000809359	WIPER BLADE	1	10 0000801766	CLEANING FLUID CONTAINER	1
5 0000809360	ELBOW CONNECTION	1	11 0000809365	WIPER ARM	1
6 0000809361	NOZZLE	1			

521 - CAB WIRING HARNESS/INSTRUMENT PANEL

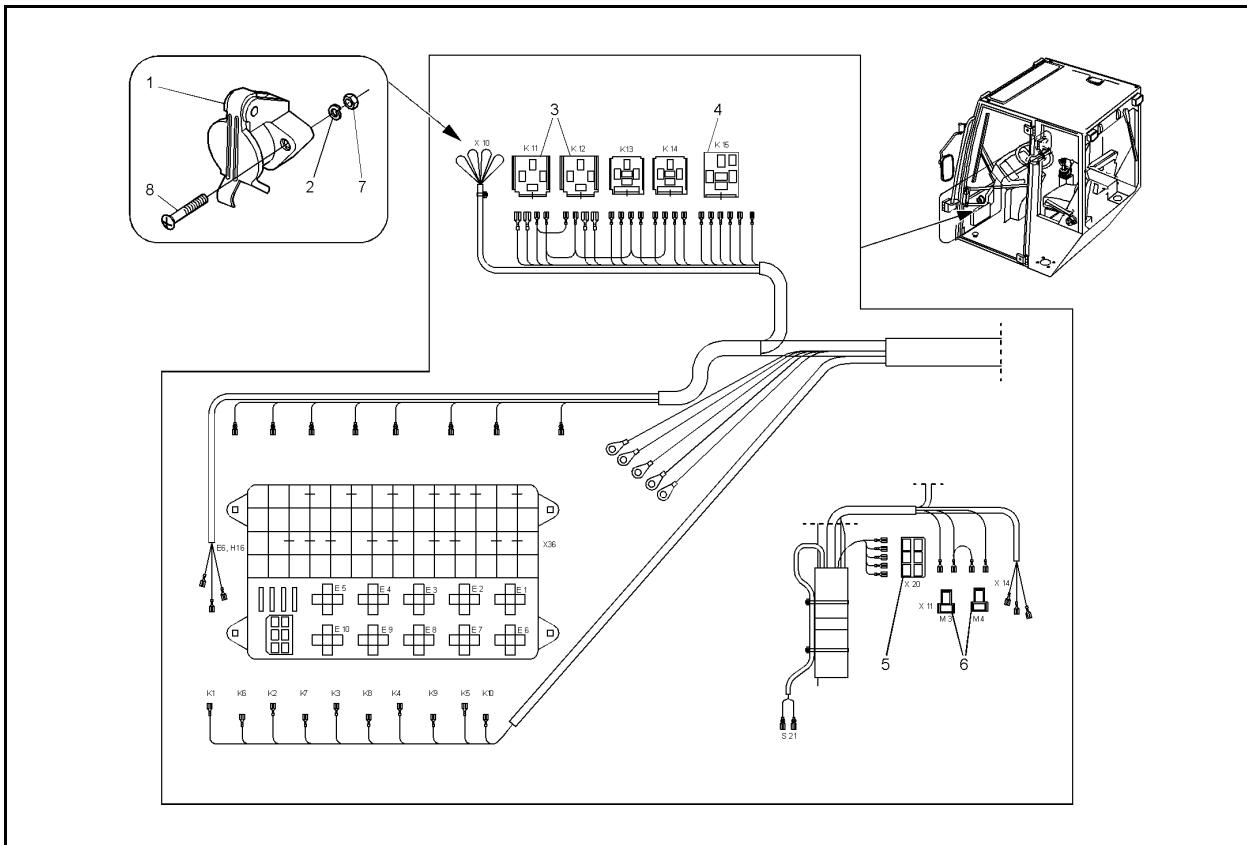
1000137499



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003334811	FLAT PLUG HOUSING	1	5 162000	PLUG	2
2 0000800812	FLAT PLUG	11	6 0003320611	BLOCKING DIODE	2
3 0003334611	HOUSING	13	7 0003331377	AMPLIFIER (HIGH SPEED)	1
4 162847	CONNECTOR	1			

521 - CAB WIRING HARNESS/FRONT COMPONENTS

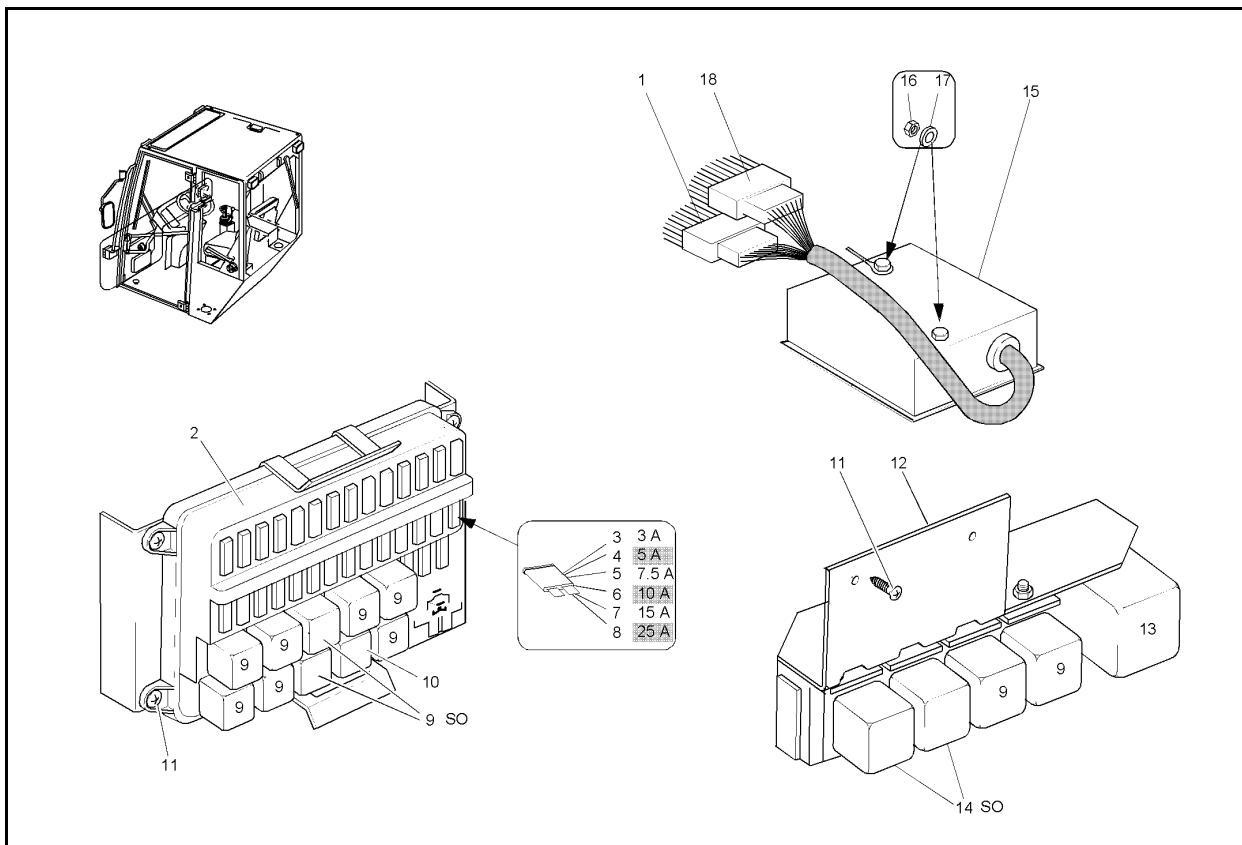
1000137500



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 7731000001	SOCKET A4	1	5 164874	PLUG	1
2 0009923728	SPRING WASHER VSK 4	2	6 162003	PLUG	2
3 0003320628	BASE	1	7 656116	HN M4-0.7 C8 ZY	2
4 0003320228	BASE	1	8 7250671592	SHCS M4 X 25-4.8 A2C	2

521 - CAB WIRING HARNESS/FUSE BOX

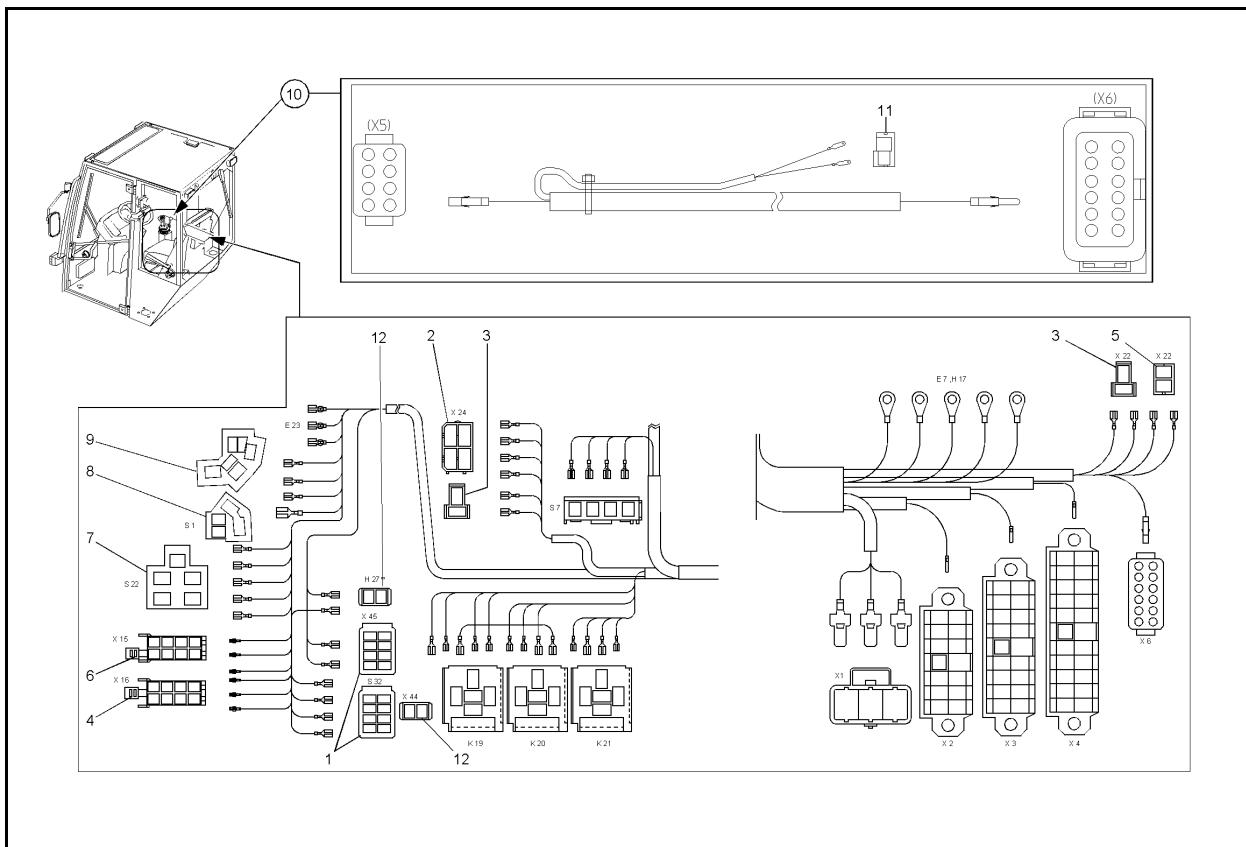
1000137501



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162847	CONNECTOR	1	10	184489	RELAY	1
2	0000806461	COVER	1	11	0009953468	SHEET METAL SCREW	2
3	7733661601	FUSE (3A)	1	12	0000800818	BRACKET	1
4	7733661603	FUSE (5A)	1	13	0003330626	PULSE GENERATOR (12V)	1
5	161376	FUSE (7.5A)	1	14	204662	RELAY (70A)	4
6	161374	FUSE (10A)	1	15	208790	DRIVE ELECTRONICS	1
7	161375	FUSE (15A)	1	16	656100	HN M5-0.8 C8 ZY	2
8	164872	FUSE (25A)	1	17	7451680108	WASHER B5.3	2
9	205214	RELAY (30A)	1	18	0003334811	FLAT PLUG HOUSING	1

521 - CAB WIRING HARNESS/REAR COMPONENTS

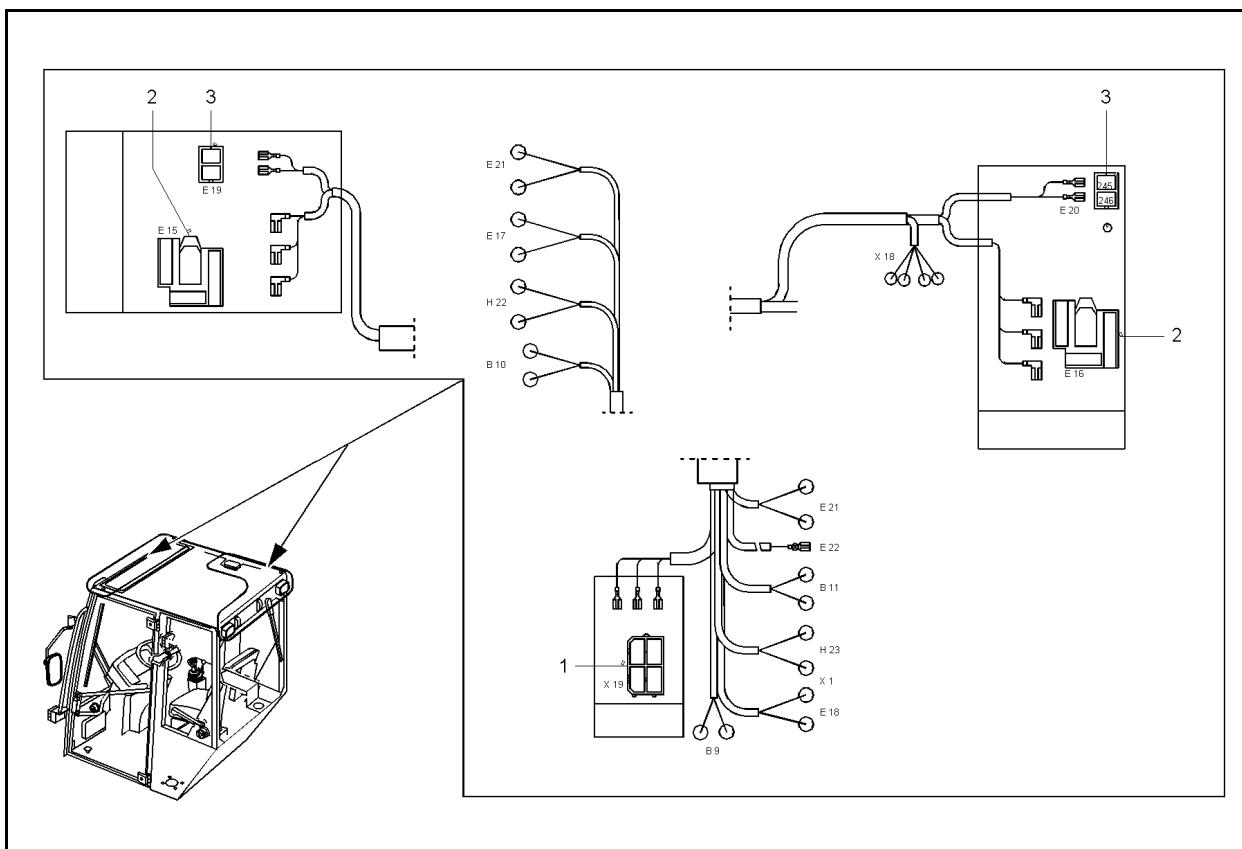
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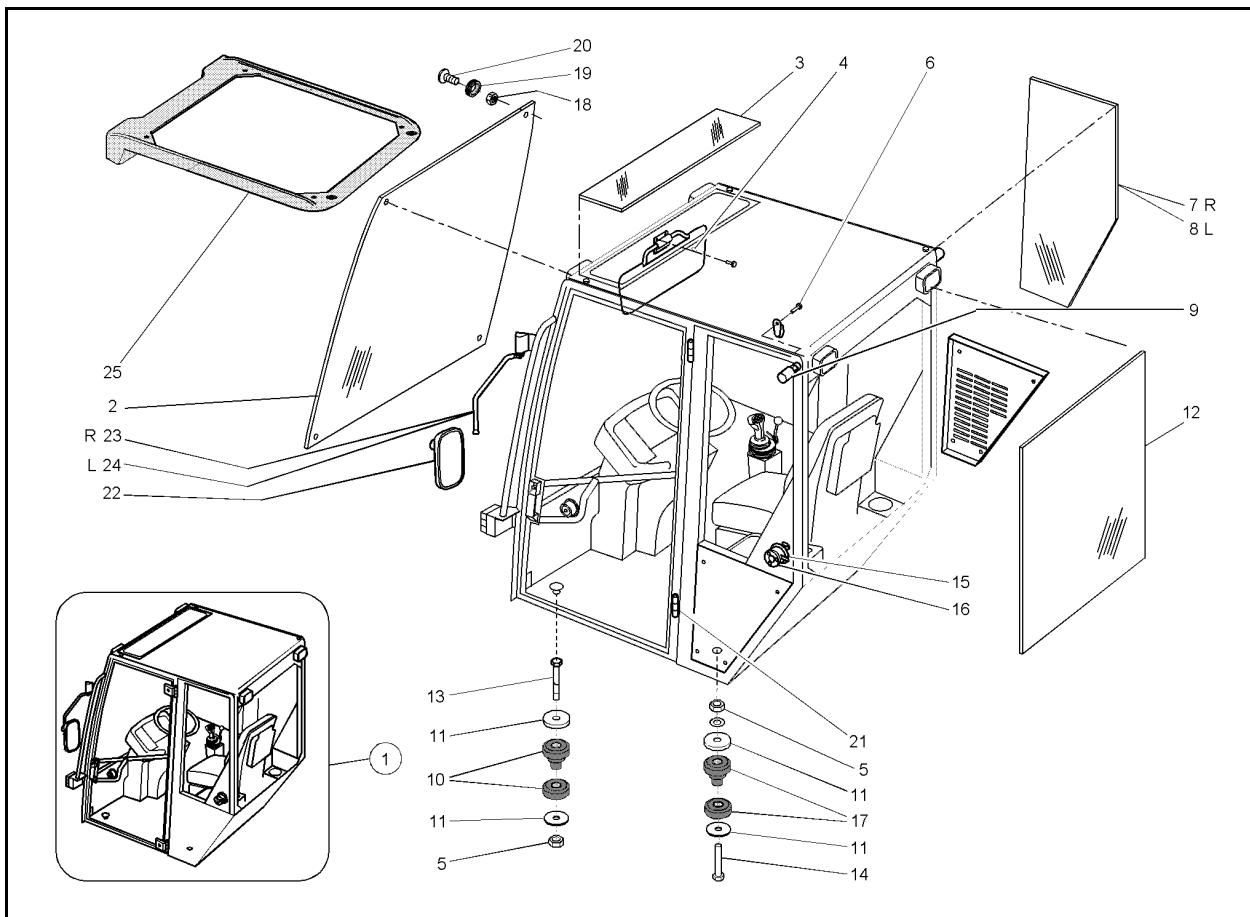
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000800812	FLAT PLUG	2	7 0000801782	PLUG	1
2 162003	PLUG	1	8 0003335165	CENTRAL PLUG (9.5 mm)	1
3 201821	PLUG	2	9 0003336211	PLUG	1
4 207543	CONNECTOR/SPEAKER	1	10 0393301310	WIRING HARNESS	1
5 9709160G	PLUG	1	11 0003339711	PLUG HOUSING	1
6 207546	CONNECTOR/POWER	1	12 0003334611	HOUSING	2

521 - CAB WIRING HARNESS/ROOF

1000137503



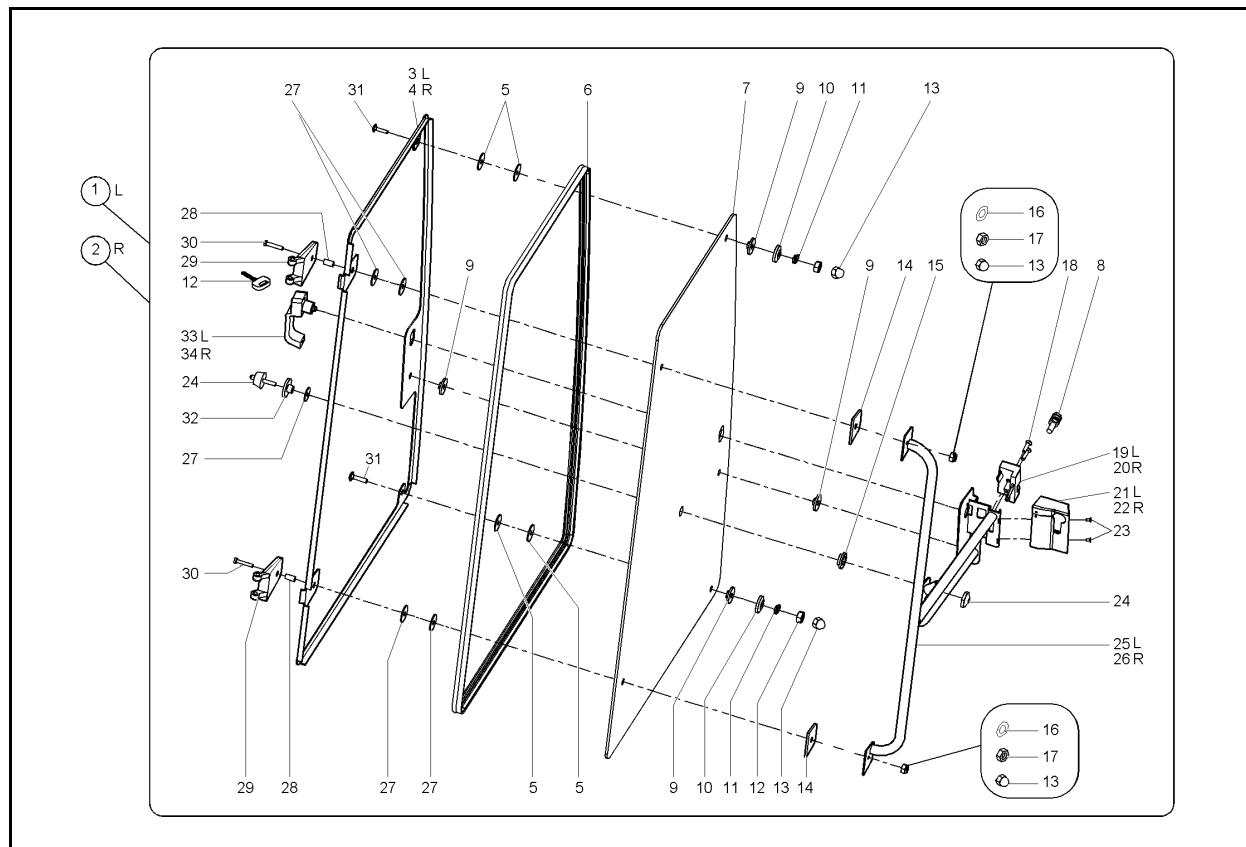
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 162003	PLUG	1	3 9709160G	PLUG	2
2 201821	PLUG	2			



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0493400001	CAB W/DOORS AND WINDOWS	1	14	7234678182	HS M16 X 130	2
2	0000809394	FRONT WINDOW	1	15	0000801806	DOOR LOCK BASE	2
3	0000809400	ROOF WINDOW	1	16	0000801804	DOOR LOCK	2
4	0000809402	SUN VISOR	1	17	0009934884	BEARING/REAR	2
5	651451	HLN INS M16-2.0 ZO	4	18	656047	HN M6-1 C8 ZY	4
6	162869	SCREW	2	19	0000809076	ISOLATOR	4
7	0000809396	SIDE WINDOW RT	1	20	0000809054	PAN HEAD SCREW	4
8	0000809397	SIDE WINDOW LT	1	21	0000809409	DOOR HINGE LT	2
9	0000809374	BUFFER	2	22	0000801594	MIRROR	2
10	0009934784	BEARING/FRONT	2	23	0000809388	MIRROR BRACKET RT	1
11	0009933663	WASHER	8	24	0000809387	MIRROR BRACKET LT	1
12	0000809395	REAR WINDOW	1	25	0383410013	ROOF LIGHT BAR	1
13	7234677179	HS M16 X 100-8.8 A2C	2				

521 - CAB DOORS

1000137505

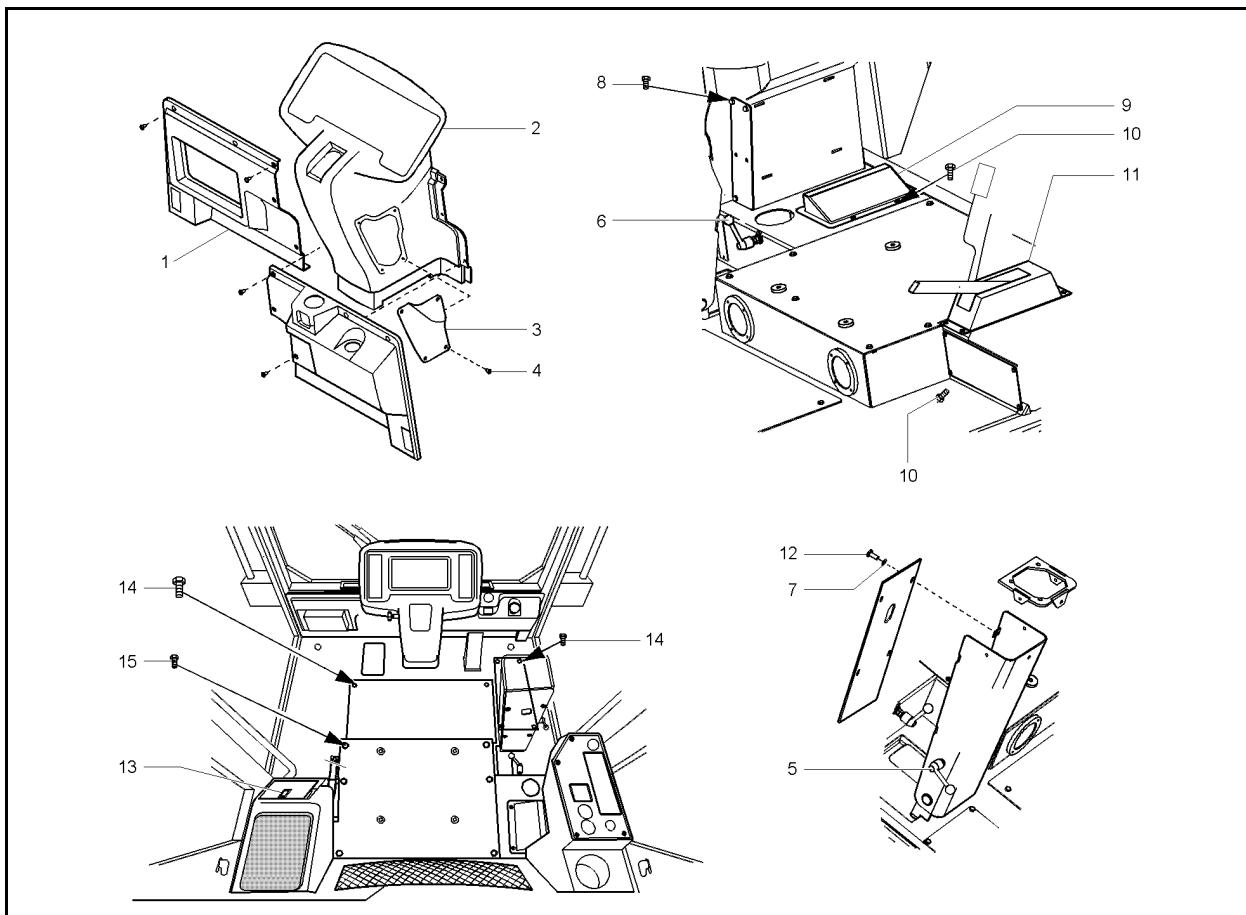


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000809410	DOOR COMPLETE LT	1	19	0000809459	LOCK LT	1
2	0000809448	DOOR COMPLETE RT	1	20	0000809458	LOCK RT	1
3	0000809434	PROTECTIVE PLATE LT	1	21	0000801655	COVER	1
4	0000809435	PROTECTIVE PLATE RT	1	22	0000801656	COVER	1
5	0000809043	SEAL	4	23	9901673G	SCREW	2
6	0000809413	SEAL	1	24	0000809082	PIN	1
7	0000809399	WINDOW	1	25	0000809412	HANDLE LT	1
8	0000809460	CATCH BOLT	2	26	203856	HANDLE RT	1
9	0000809463	WASHER	8	27	0000809405	RUBBER WASHER	5
10	0000809074	WASHER	2	28	0000809428	BUSHING	2
11	206958	WASHER	4	29	0000809411	DOOR HINGE	2
12	101792	KEY*	1	30	651434	HB M8-1.25 X 45 C8.8 ZY	2
13	0000809046	COVER	4	31	7302670039	HB M8 X 35-4.6 A2C	2
14	0000809464	BEARING	4	32	0000809465	INTERMEDIATE PIECE	1
15	0000809404	WASHER	1	33	0000809088	DOOR HANDLE LT	1
16	7462680008	WASHER	2	34	0000809117	DOOR HANDLE RT	1
17	7405677005	HN M8-8 A2C	2				
18	162042	SCREW	2				

* Same key for starter, engine hood, and cab doors.

521 - CAB INTERIOR COVER TRIM

1000137506



Ref.

No. Part No.

Description

Qty.

1	0000809382	COVER	1
2	0000801660	CONSOLE	1
3	0000801661	COVER	1
4	0009955468	SHEET METAL SCREW 4.2 X 13	1
5	0000809389	LEVER	1
6	0000809389	LEVER	1
7	7462680008	WASHER	4
8	656092	CS M6-1 X 12 C8.8 ZY	1

Ref.

No. Part No.

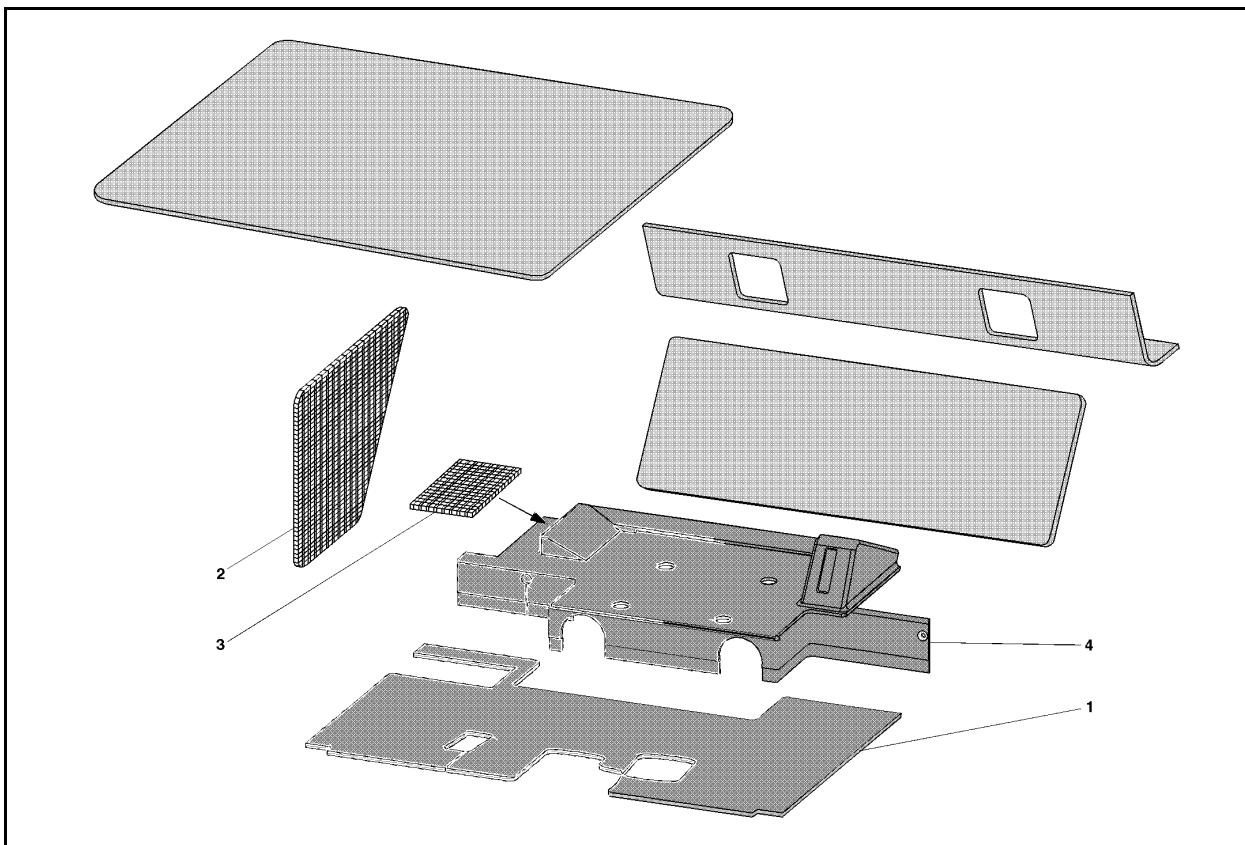
Description

Qty.

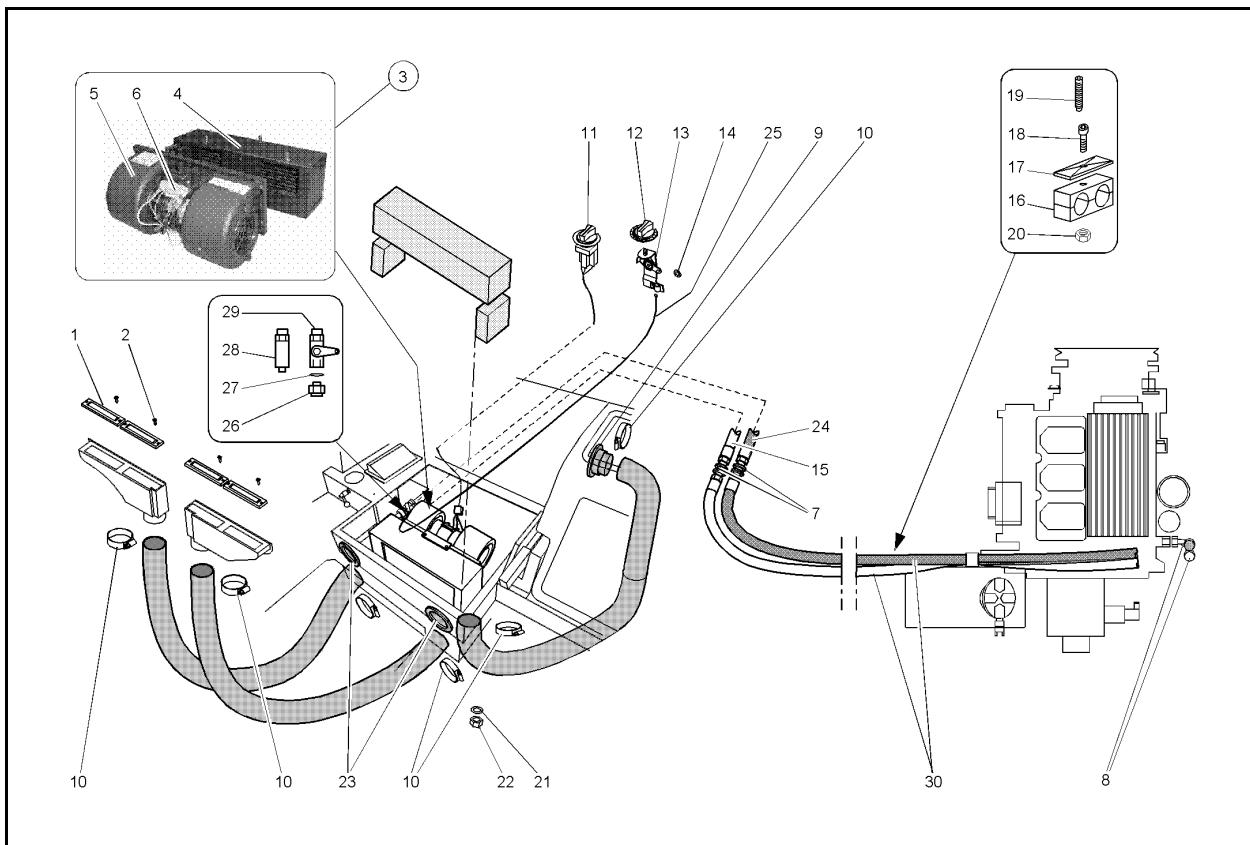
9	0000809426	COVER	1
10	7236677055	HS M5 X 12-8.8 A2C	1
11	651424	CS M6-1 X 20 C8.8 ZY	1
12	656092	CS M6-1 X 12 C8.8 ZY	4
13	0000809386	HOOK	1
14	7236677079	HS M6 X 16-8.8 A2C	1
15	656006	CS M10-1.5 X 20 C8.8 ZY	1

521 - CAB MATS & FILTERS

1000137507



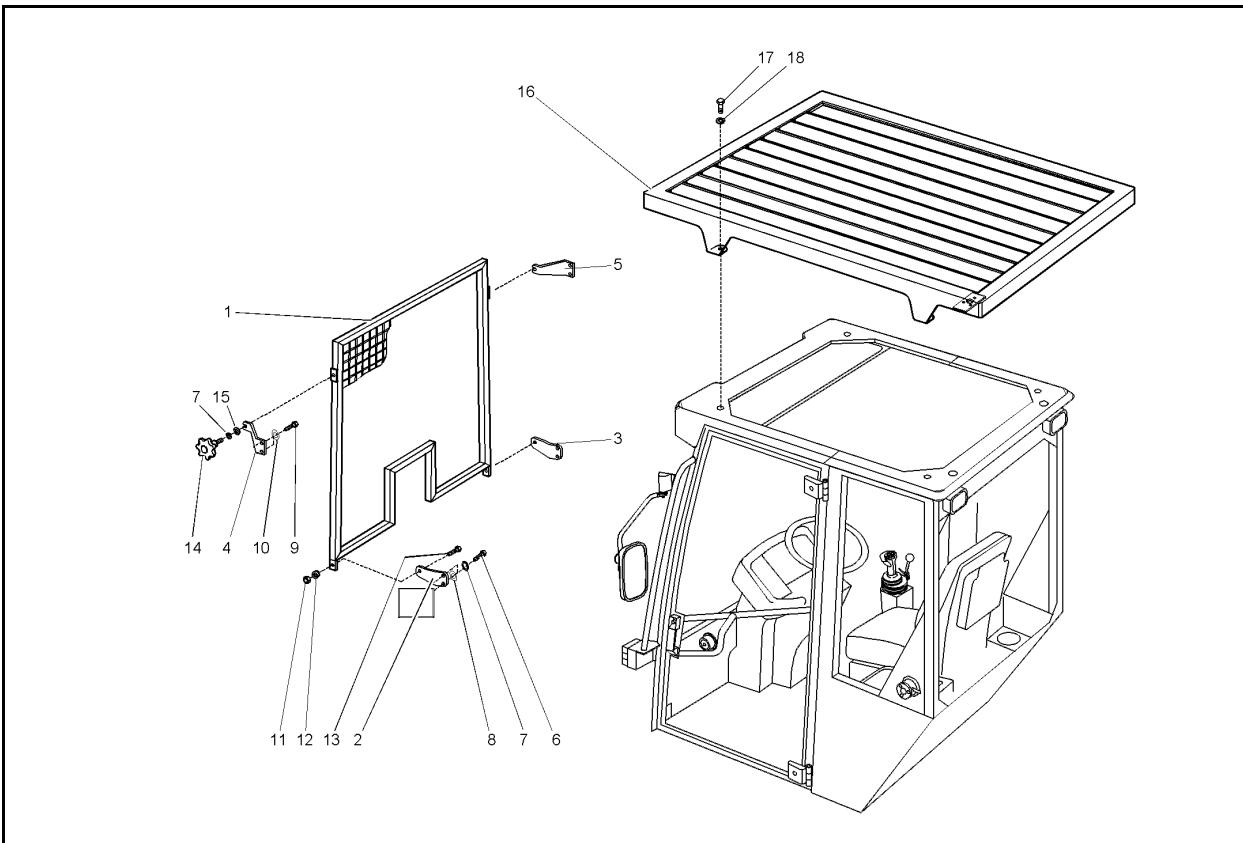
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0383410888	FLOOR MAT	1	3 0000809419	FILTER/RECIRCULATED AIR	1
2 0000809420	FILTER	1	4 0383410788	FLOOR MAT	1



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000800838	VENT/DEFROST	4	16 0009933150	CLAMP 3D 20/20	1
2 162869	SCREW	8	17 0009930685	COVER PLATE GD 3 D	1
3 0384140902	HEATER COMPLETE	1	18 651437	HB M8-1.25 X 60 C8.8 ZY	1
4 0000809498	HEAT EXCHANGER	1	19 7397677086	STUD BOLT M8 X 55-8.8 A2C	1
5 0000803712	BLOWER	1	20 656048	HN M8-1.25 C8 ZY DIN934	1
6 0000803713	RESISTOR	1	21 7462680011	WASHER 8.4 ST A2C	3
7 0003634516	SCREW CONN. SV15L O.M S A3C	2	22 7405677005	HN M8-8 A2C	3
8 0003639069	SCREW CONNECTION	2	23 0000809391	ROUND NOZZLE	2
9 0000809376	ROUND NOZZLE	1	24 0003652415	HP HOSE	1
10 0009937128	CLAMP D50-70	6	25 0384100159	BOWDEN CABLE	1
11 0000809470	CONTROL KNOB/INCOMING AIR TEMP	1	26 0000809500	SCREW CONNECTION	1
12 0000809497	CONTROL KNOB/FAN SPEED	1	27 161566	SEAL	1
13 0000809469	ROTARY SWITCH	1	28 0000809501	CONNECTION PIECE	1
14 0000809496	CLIP	1	29 0000803715	BALL VALVE	1
15 0003652515	HP HOSE	1	30 0009930926	HP HOSE	2

521 - CAB PROTECTION SCREENS

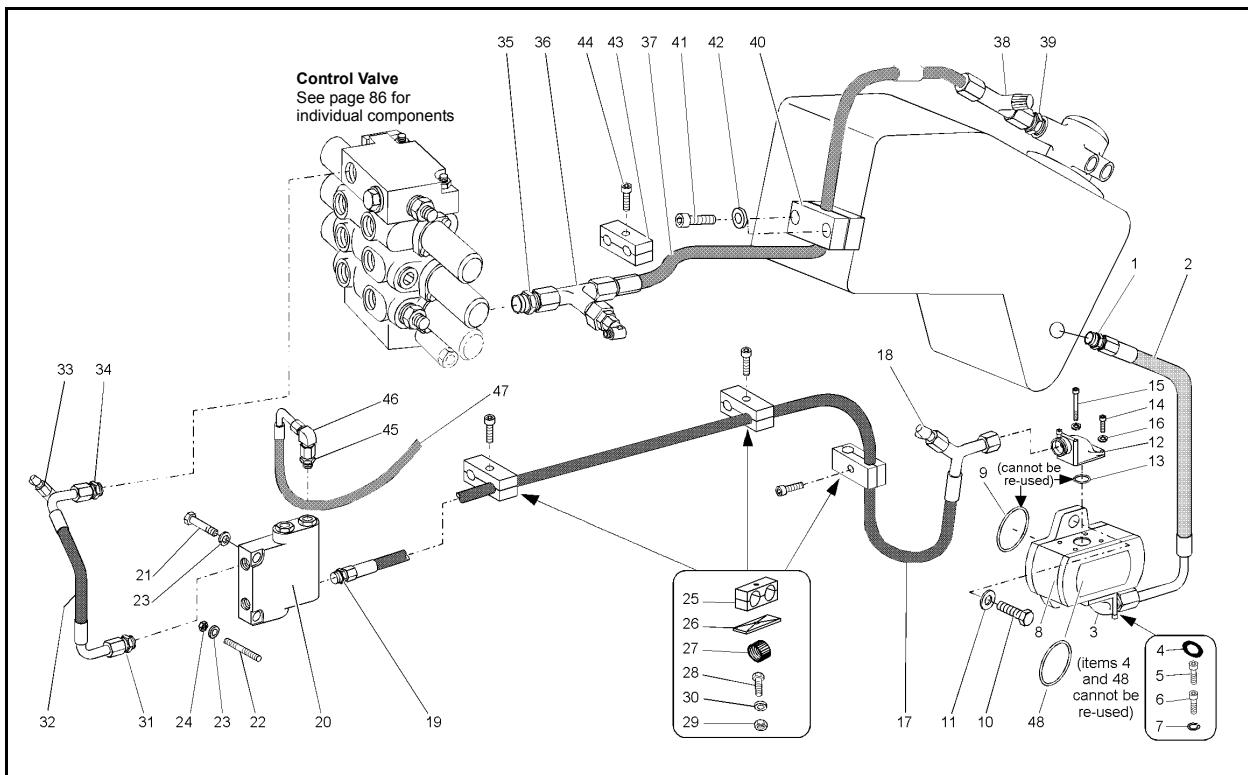
1000137508



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	7900000573	PROTECTION SCREEN/FRONT WINDOW	1	10	7462680008	WASHER	4
2	0494161140	BRACKET/LOWER LT	1	11	651448	LN INS M10-1.5 C8 ZY	2
3	0494161240	BRACKET/LOWER RT	1	12	7451680112	WASHER B10.5-140HV A2C	2
4	0494161340	BRACKET/UPPER LT	1	13	656008	CS M10-1.5 X 30 C8.8 ZY DIN931	2
5	0494161440	BRACKET/UPPER RT	1	14	0009965446	KNOB/TWIST	2
6	656105	CS M8-1.25 X 25 C8.8 ZY	4	15	7462680011	WASHER 8.4 ST A2C	2
7	206958	WASHER	6	16	0394100037	FOPS/CAB ROOF	1
8	163634	WASHER	4	17	651393	CS M10-1.5 X 25 C8.8 ZY	4
9	164895	SCREW	4	18	0009923528	SPRING WASHER VSK 10	4

521 - HYDRAULIC OIL CIRCULATING SYSTEM

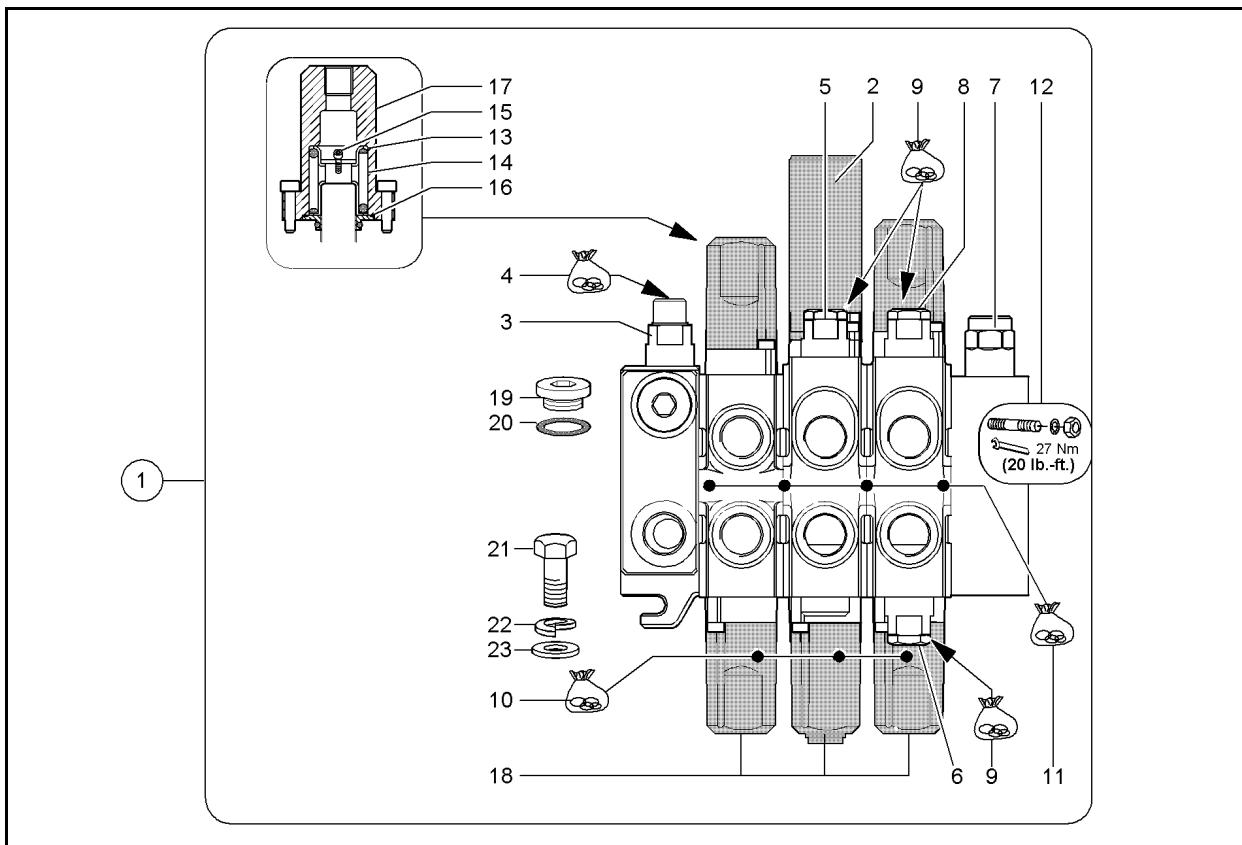
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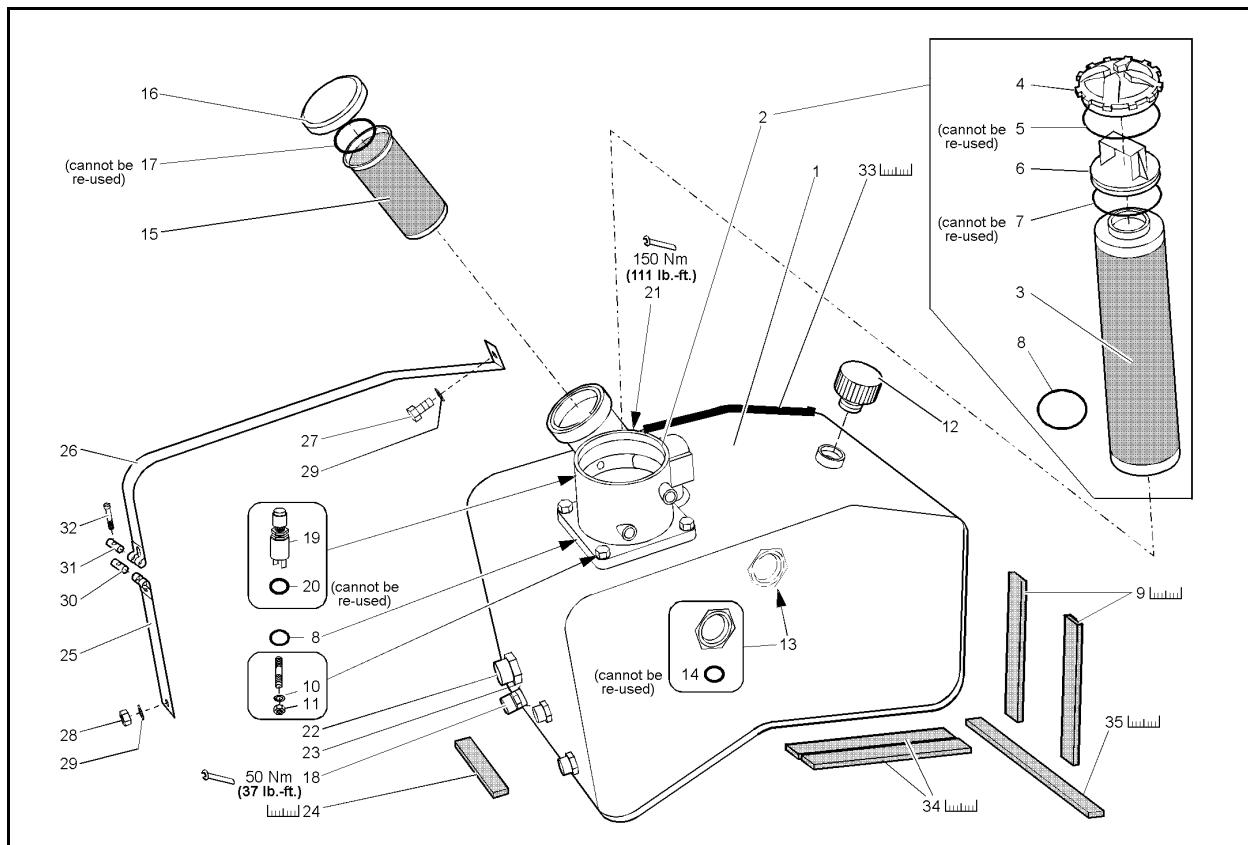
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0003639421	SCREW CONN. GE 35 LM O.M D E A3C	1	24	656048	HN M8-1.25 C8 ZY DIN934	1
2	0003656612	HP HOSE	1	25	0009938650	CLAMP	3
3	0003634949	SCREW CONN. BFW 35 PL LK 55 M.M D	1	26	0009930685	COVER PLATE GD 3 D	3
4	0009966006	O-RING 32 X 2.5	1	27	000996532	ROTARY SHAFT SEAL 17 X 30 X 7	1
5	7252678053	SHCS M8 X 60-10.9 A2C	2	28	656004	CS M8-1.25 X 55 C8.8 ZY	3
6	162672	SCREW	2	29	656048	HN M8-1.25 C8 ZY DIN934	3
7	0009925128	SPRING WASHER VSKZ 8	4	30	163634	WASHER	3
8	0003619897	HYDRAULIC PUMP	1	31	0003637764	SCREW CONNECTION	1
9	0009960608	O-RING 101.27 X 2.62	1	32	0003657312	HP HOSE	1
10	7236677942	HS M12 X 35-8.8 A2C	2	33	0003630063	TEST CONNECTION M8 X 1 A3C	1
11	0009925728	SPRING WASHER VSK 12	2	34	0003637764	SCREW CONNECTION	1
12	0003639121	SCREW CONN. BFW 20 S LK 55 A3C	1	35	0003638748	SCREW CONNECTION	1
13	0009966006	O-RING 32 X 2.5	1	36	179842	ELBOW	1
14	162672	SCREW	2	37	0003651504	HP HOSE	1
15	9901617G	SCREW	2	38	179842	ELBOW	1
16	0009925128	SPRING WASHER VSKZ 8	4	39	0003636266	SCREW CONNECTION	1
17	0003655112	HP HOSE	1	40	0009938850	CLAMP	1
18	0003630063	TEST CONNECTION M8 X 1 A3C	1	41	7252677053	SHCS M8 X 60-8.8 A2C	2
19	0003657604	HP HOSE	1	42	163634	WASHER	2
20	0003614377	PRIORITY VALVE	1	43	0009939550	CLAMP	1
21	164906	SCREW	1	44	651433	HB M8-1.25 X 40 C8.8 ZY	1
22	7397677088	STUD BOLT M8 X 65-8.8 A2C	1	45	0003631320	SCREW CONN. GE 10 LM M12 X 1.5 O.M D	1
23	206958	WASHER	2	46	161444	90° FITTING	1

521 - HYDRAULIC SYSTEM CONTROL VALVE

1000137657



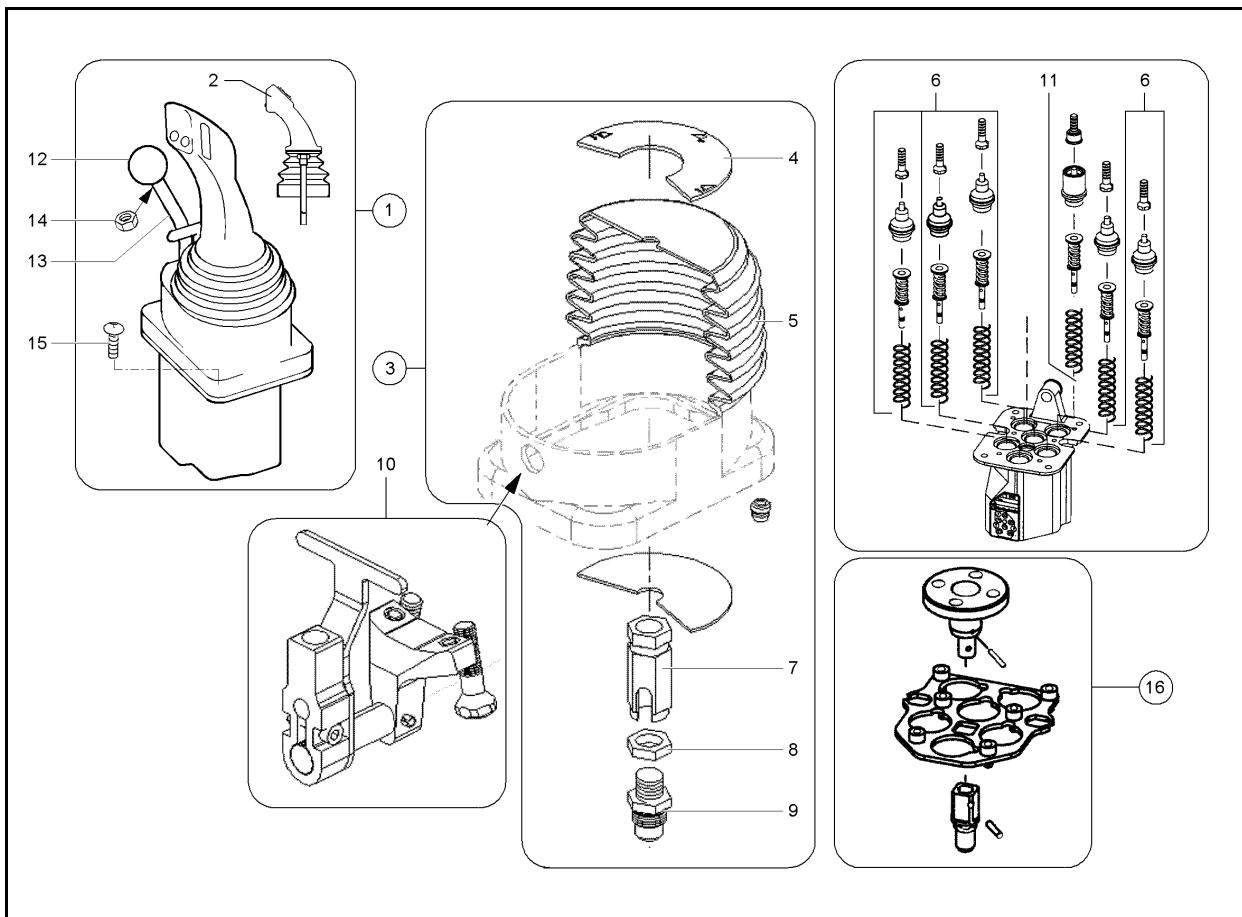
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003617586	CONTROL VALVE W/FLOAT POSITION	1	12 0000802070	TIE ROD SET	1
2 203853	COVER	1	13 0000805117	GUIDE	3
3 0000802225	PRESSURE RELIEF VALVE (3,408 PSI)	1	14 203864	SPRING	3
4 0465010310	SEAL KIT	1	15 0000805119	SCREW	6
5 203857	SUCTION VALVE	1	16 0000805120	GUIDE	3
6 0000803752	PRESSURE RELIEF VALVE (1,450 PSI)	1	17 0000805121	COVER	3
7 0000802243	PILOT PRESSURE INSERT	1	18 203863	COVER	3
8 0000802948	ANTI-CAVITATION VALVE TBS 121	1	19 0009900210	SCREW PLUG	1
9 0465010310	SEAL KIT	1	20 7593641035	SEALING RING A22 X 29	1
10 0000802226	SEAL KIT HPD 2	1	21 177648	HEX SCREW	3
11 0465010510	SEAL KIT	4	22 206958	WASHER	3
			23 7462680011	WASHER 8.4 ST A2C	3



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383600801	OIL TANK	1	19	0003336007	PRESSURE SWITCH	1
2	0003602088	RETURN SUCTION FILTER	1	20	7593641020	SEALING RING A12 X 18	1
3	0003636634	FILTER	1	21	0009909609	SCREW PLUG	1
4	0003630206	COVER	1	22	0003631396	PLUG	1
5	0009969809	O-RING 100 X 4	1	23	7788010668	UNION NUT	1
6	0000803698	CONNECTION PIECE	1	24	206532	RUBBER BAND 30 X 5 (0.43 M)	1
7	0009967070	O-RING 98 X 3	1	25	1009937011	TIGHTENING STRAP (SHORT)	1
8	0009964571	O-RING 144 X 3	1	26	1009939211	TIGHTENING STRAP (LONG)	1
9	206539	RUBBER BAND 30 X 5 (0.98 M)	2	27	651430	CS M8-1.25 X 12 C8.8 ZY	1
10	656102	HN M10-1.25 F8 ZY	4	28	656048	HN M8-1.25 C8 ZY DIN934	1
11	0009923528	SPRING WASHER VSK 10	4	29	206958	WASHER	2
12	0003636834	BREATHER CAP	1	30	0009900015	PIN D12 LG 30 FE/ZN 8 C	1
13	0003630846	OIL LEVEL SIGHT GLASS M48 X 1.5	1	31	0009900115	PIN D12 LG 30 FE/ZN 8 C	1
14	0000801837	SEALING RING 49 X 55 X 2	1	32	7252677054	SHCS M8 X 65-8.8 A2C	1
15	0001611102	SCREEN B 60L X 20	1	33	206585	PROFILE 10.5 X 17 (1.0 M)	1
16	0001611303	FILLER CAP DT 60 O.L.	1	34	206532	RUBBER BAND 30 X 5 (0.38 M)	2
17	0000801583	SEAL	1	35	206532	RUBBER BAND 30 X 5 (0.43 M)	1
18	0003618484	DRAIN COUPLING M18 X 1.5	1				

521 - PILOT VALVE

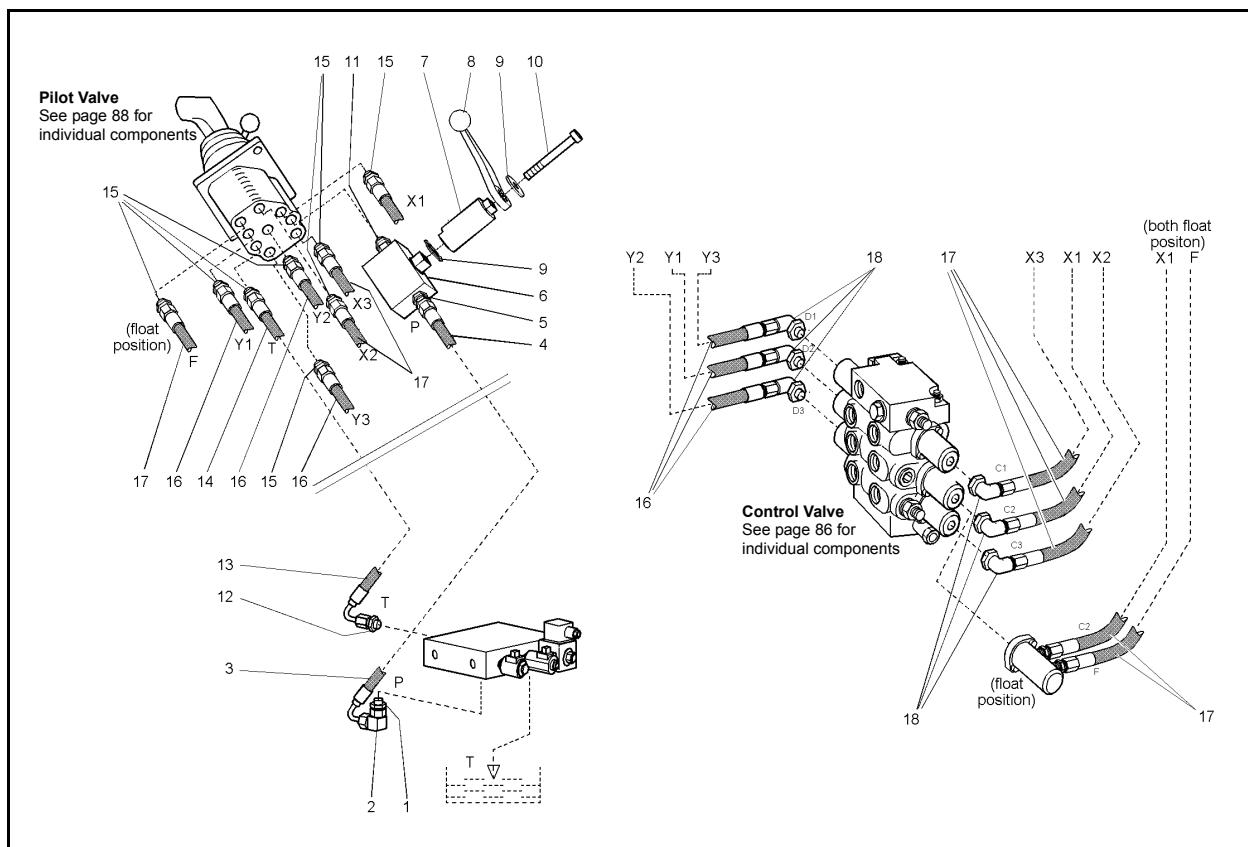
1000137513



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	0003611477	PILOT VALVE (FLOAT POSITION)	1	9	0000808855	STUD/PIVOT	1
2	0383600918	CONTROL LEVER (JOYSTICK)	1	10	0000808860	CONTROL	1
3	0000808859	VALVE/LOWER BODY COMPLETE	1	11	202446	PUSH ROD	1
4	0000808856	WASHER 35.5	1	12	0009966446	BALL HANDLE	1
5	0000808858	BELLOWS	1	13	0383611618	CONTROL LEVER (3RD CONTROL CIRCUIT)	1
6	0000809507	PUSH ROD	5	14	656102	HN M10-1.25 F8 ZY	1
7	0000808854	ADAPTER	1	15	7286671503	PAN HEAD SCREW M6 X 16-4.8 H	4
8	7404677212	HN M14 X 1.5	1	16	0000808861	PLATE	1

521 - PILOT VALVE INSTALLATION

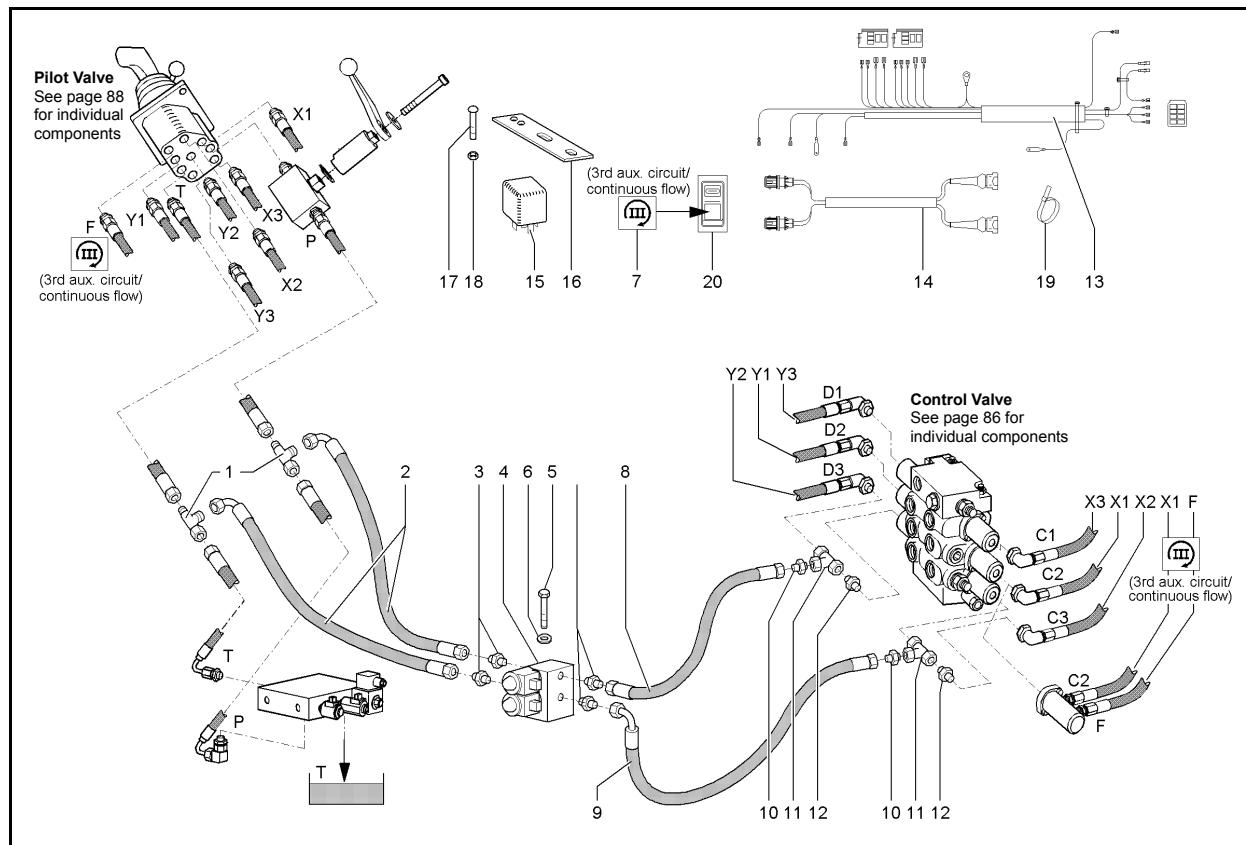
1000137512



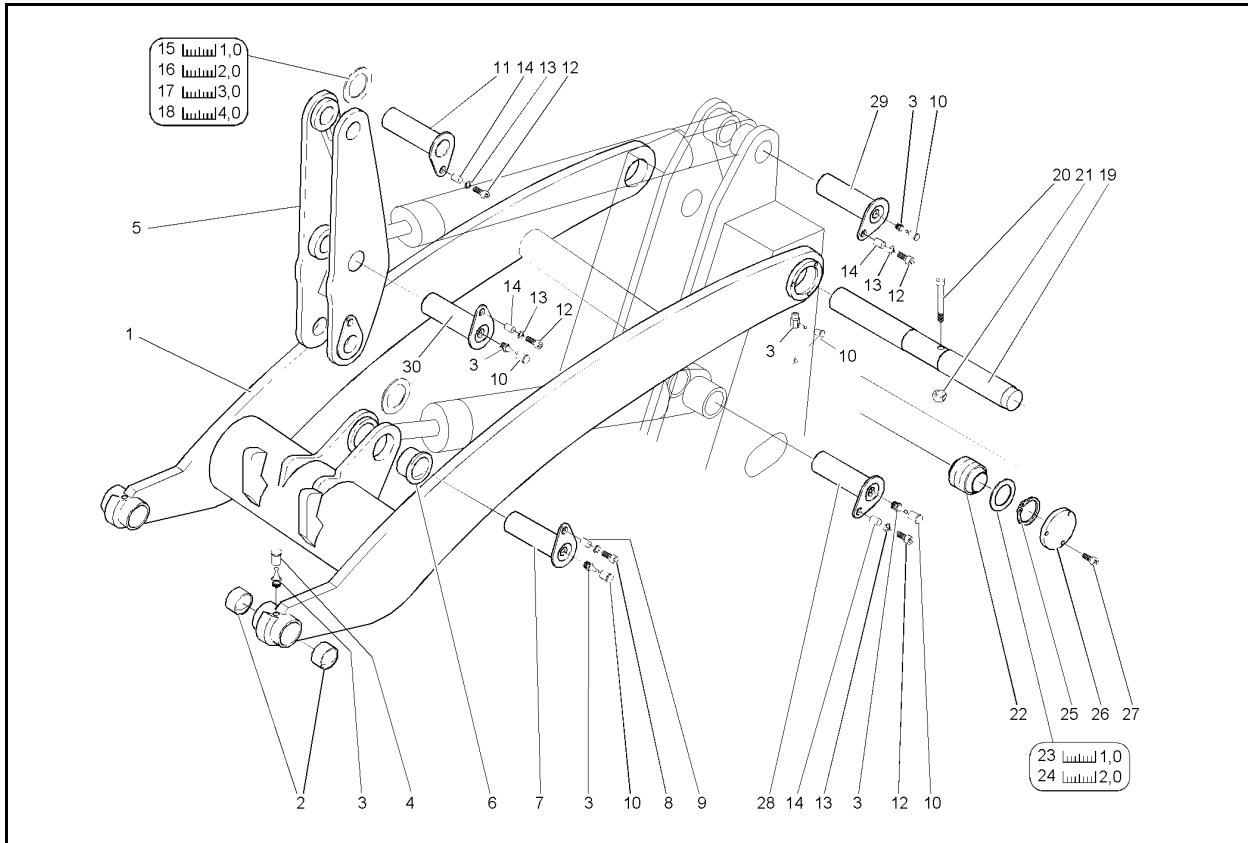
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003631666	SCREW CONNECTION	1	11 0003631071	SCREW CONNECTION	1
2 165962	90° FITTING	1	12 0003631320	SCREW CONNECTION GE 10 LM M12 X 1.5 O.M.D	1
3 0003652514	HP HOSE	1	13 0003652614	HP HOSE	1
4 0003654714	HP HOSE	1	14 0003654614	HP HOSE	1
5 0003636348	SCREW CONNECTION	1	15 0003639264	SCREW CONNECTION	8
6 0003600184	BALL VALVE ASSY	1	16 0003654514	HP HOSE	3
7 0383630083	EXTENSION PIECE	1	17 0003654414	HP HOSE	4
8 0003610918	SHIFT LEVER	1	18 0003639868	SCREW CONNECTION	6
9 161665	WASHER/GR A5.3	1			
10 7286671075	PAN HEAD SCREW M5 X 50-4.8 A2C	1			

521 - ELECTRICAL CONTROL CIRCUIT

1000155837



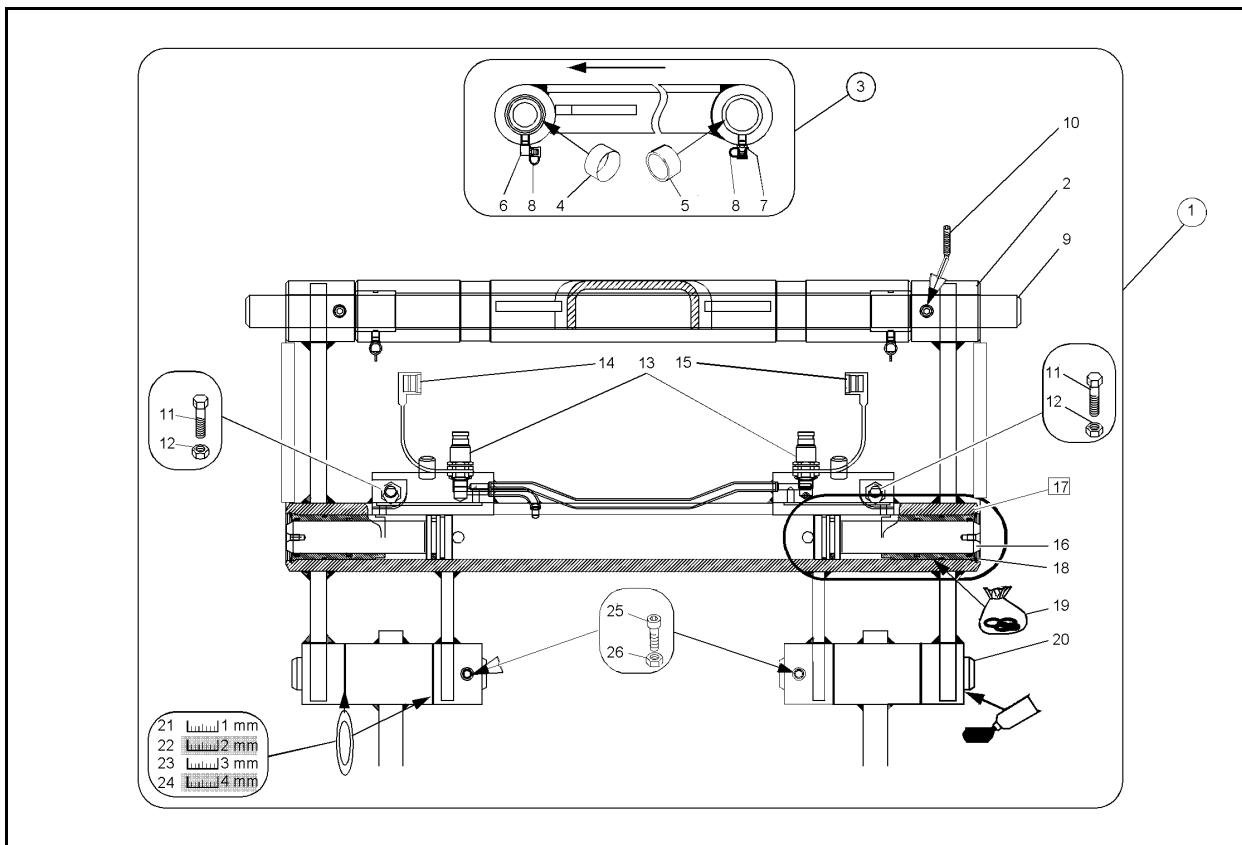
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1	0003637664	SCREW CONNECTION	1	11	203839	REPLACEMENT VALVE	1
2	203843	HP HOSE	1	12	203841	SCREW JOINT	1
3	0003639264	SCREW CONNECTION	1	13	203849	WIRING HARNESS	1
4	0003612177	SOLENOID VALVE	1	14	203850	WIRING HARNESS	1
5	7236677079	HS M6 X 16-8.8 A2C	2	15	209061	RELAY (20/35A)	3
6	7462680008	WASHER	2	16	203852	BRACKET	1
7	203851	SYMBOL/3RD AUX. CIRCUIT ()	1	17	9901673G	SCREW	2
8	203845	HP HOSE	1	18	651456	LN INS M5-0.8 C8 ZY	2
9	203844	HP HOSE	1	19	0009933315	CABLE STRAP 142 X 3.6	4
10	165960	SCREW JOINT	3	20	0003335807	ROCKER SWITCH	1



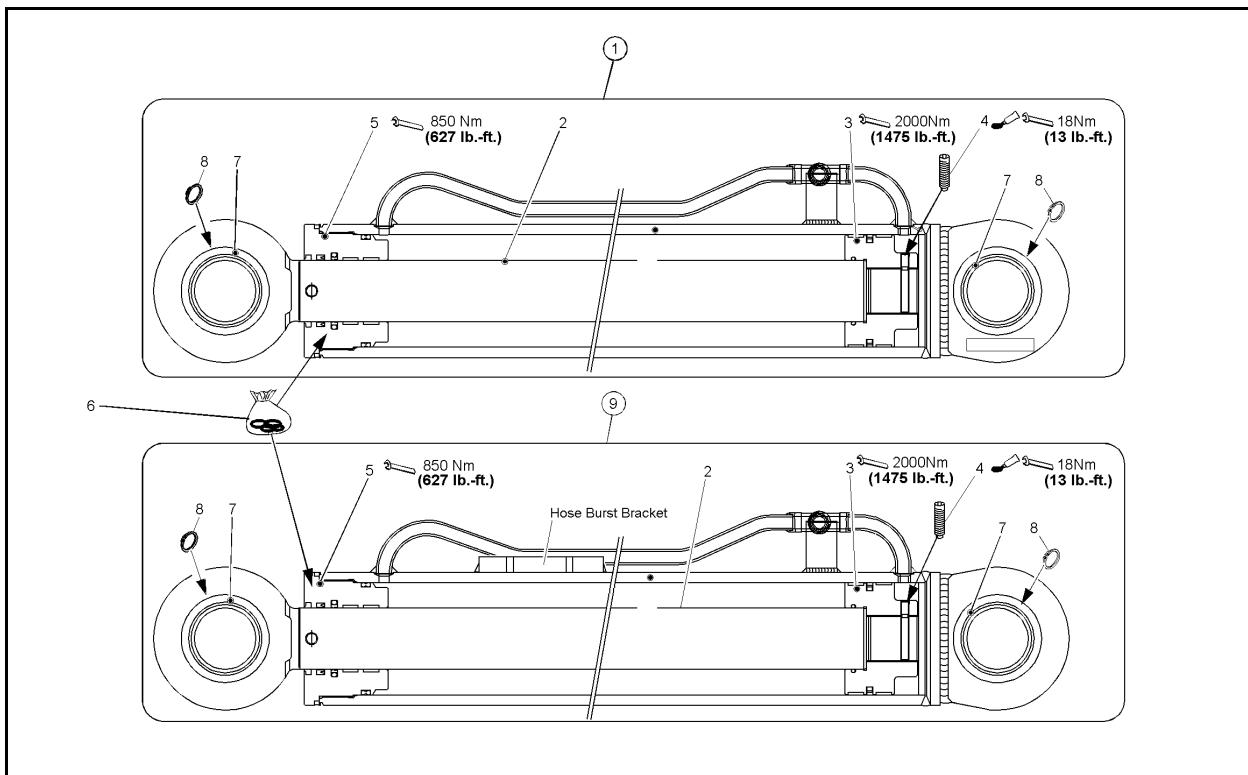
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1	1384100219	LIFT FRAME	1	16	1009972820	SHIM (2.0MM)	AR
2	0009942155	BUSHING 40.05 X 50 X 40	4	17	1009972920	SHIM (3.0MM)	AR
3	7761675404	GREASE ZERK	8	18	1009973020	SHIM (4.0MM)	AR
4	0009963251	COVER	2	19	1384160193	PIN D 50 LG 648	1
5	1384100438	TIILT LEVER COMPLETE	1	20	7252677095	SHCS M10 X 100-8.8 A2C	1
6	0009940755	BUSHING 50 X 60 LG 46	2	21	651448	LN INS M10-1.5 C8 ZY	1
7	1384100793	PIN	1	22	0009943330	PIVOT BEARING GE 50 DO-C3	2
8	7236677942	HS M12 X 35-8.8 A2C	1	23	7464680014	SHIM (1.0MM)	AR
9	1394160050	BUSHING 12.5 X 20 LG19 FE/ZN 12C	1	24	7464680015	SHIM (2.0MM)	AR
10	0009963151	COVER	6	25	7490682050	CIRCLIP 50 X 2	2
11	1384100993	PIN COMPLETE	1	26	1384160006	FILLER CAP T4 FE/ZN 12C	2
12	179757	SCREW	4	27	162860	SCREW	6
13	161645	WASHER/GR A13 DIN7349	4	28	1384101093	PIN COMPLETE	1
14	1384160350	BUSHING 20 X 12.5 LG 9	4	29	1384100893	PIN	1
15	1009972720	SHIM (1.0MM)	AR				

521 - QUICKHITCH ASSEMBLY

1000137516



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0384100463	QUICKHITCH ASSY	1	14 0009961952	DUST CAP BG 2	1
2 0384100563	QUICKHITCH FRAME	1	15 0009961952	DUST CAP BG 2	1
3 0384100280	TIlt ROD	1	16 0394160260	PISTON ROD	2
4 0009942255	BUSHING 40 X 50 LG 40	2	17 0164160353	GUIDE TUBE	2
5 0009942155	BUSHING 40.05 X 50 X 40	2	18 7491682058	CIRCLIP 58 X 2	2
6 7761675424	GREASE ZERK	2	19 0009960166	SEAL KIT	2
7 7761675404	GREASE ZERK	1	20 1364160093	PIN D 40 LG 241	2
8 0009963251	COVER	3	21 1009972720	SHIM (1.0MM)	AR
9 0384162193	PIN D 40 LG 960	1	22 1009972820	SHIM (2.0MM)	AR
10 0009955669	THREADED PIN M16 X 30	2	23 1009972920	SHIM (3.0MM)	AR
11 0009951869	LIMIT STOP M16 X 1.5 X 35-8.8	2	24 1009973020	SHIM (4.0MM)	AR
12 7401677153	HN M16 X 1.5-04 A2C	2	25 177649	SCREW	2
13 0003631468	COUPLING PLUG PG 12 L A3C	2	26 651448	LN INS M10-1.5 C8 ZY	2



Ref.

No. Part No.

Description

Qty.

1	0383606342	LIFT CYLINDER COMPLETE	1
2	0000808813	PISTON ROD	1
3	0000804241	PISTON	1
4	7382678027	THREADED PIN M8 X 16	1
5	0000804242	CYLINDER HEAD	1

Ref.

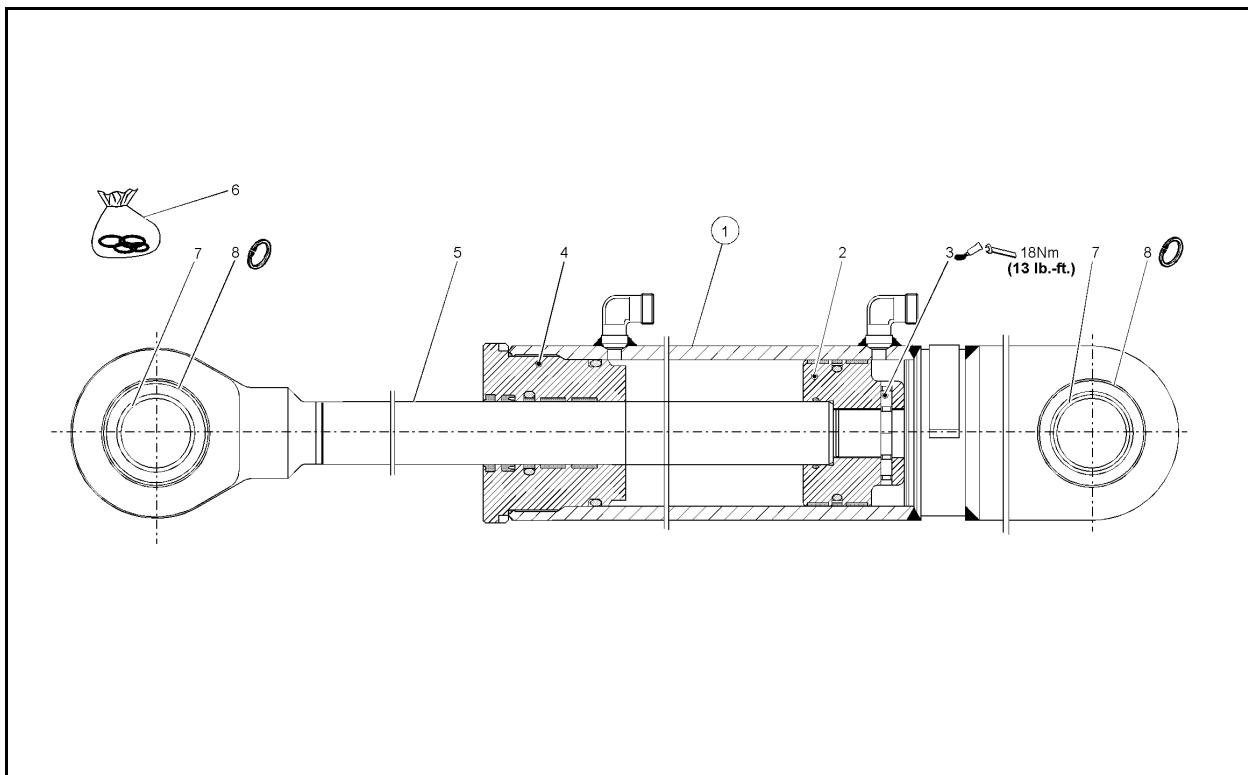
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Description

Qty.

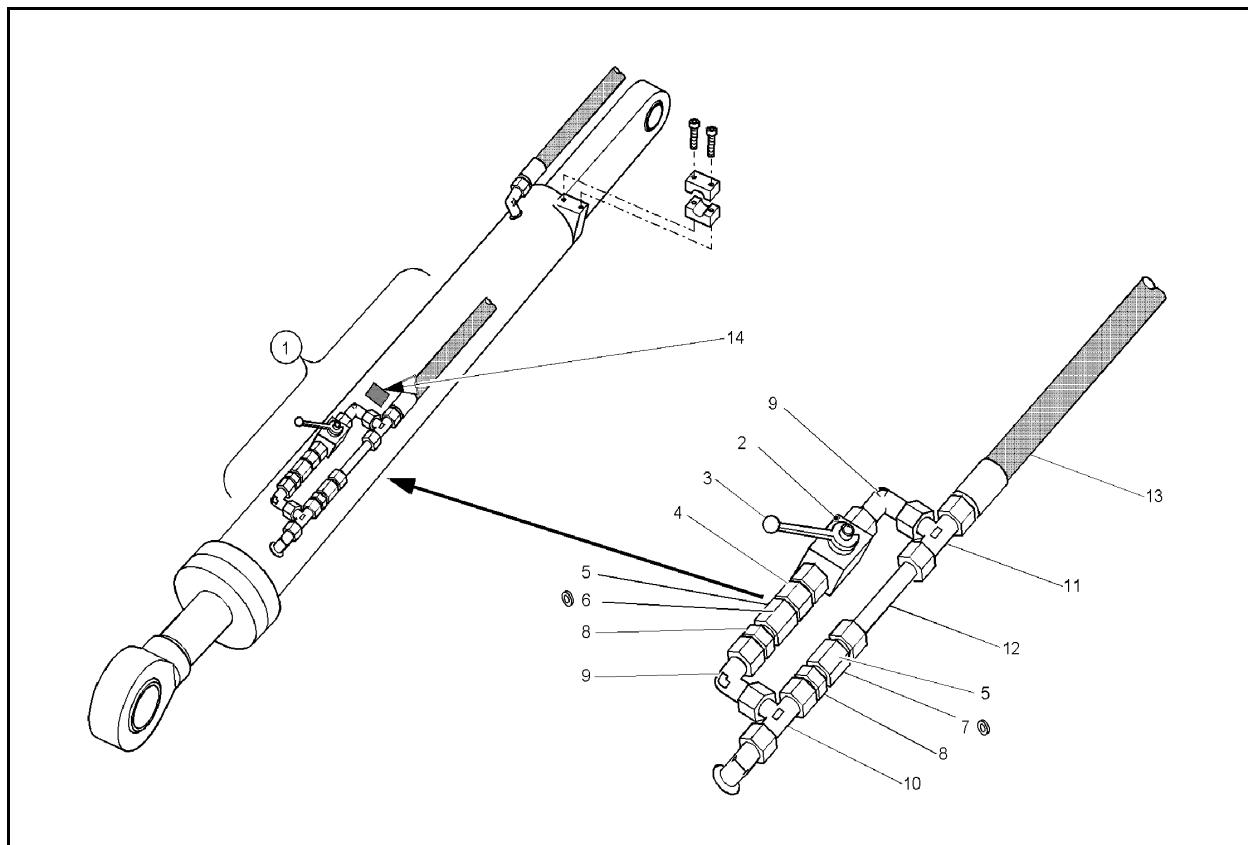
6	0000804243	SEAL KIT	1
7	0009949937	PIVOT BEARING GE 50 HO-2RS-C3	2
8	0009923727	SNAP RING SB 76	2
9	0383607342	LIFT CYLINDER COMPLETE W/HOSE BURST BRACKET	1

521 - TILT CYLINDER
1000137518



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0383603642	TILT CYLINDER COMPLETE	1	5 0000804231	PISTON ROD	1
2 0000804232	PISTON	1	6 0000804237	SEAL KIT	1
3 7382678027	THREADED PIN M8 X 16	1	7 0009949937	PIVOT BEARING GE 50 HO-2RS-C3	2
4 0000804233	CYLINDER HEAD	1	8 0009923727	SNAP RING SB 76	2

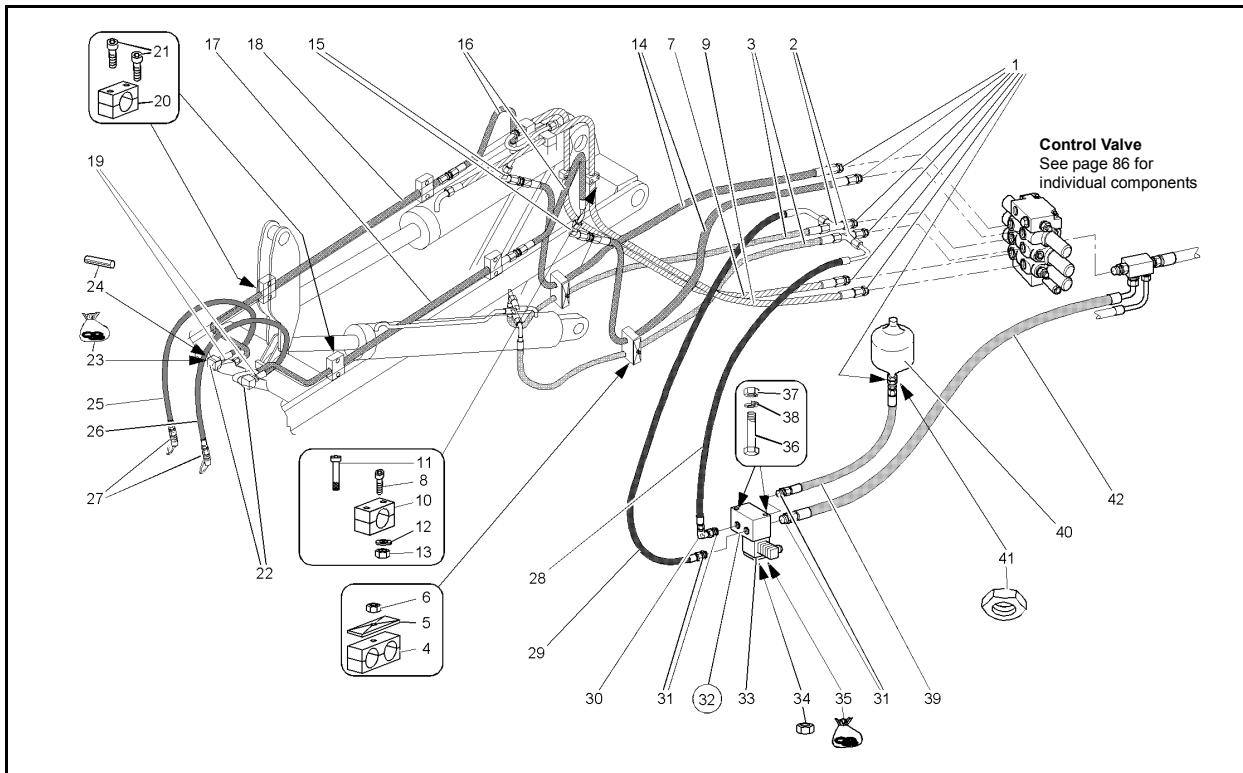
521 - TILT CYLINDER RESTRICTOR UNIT
1000137522



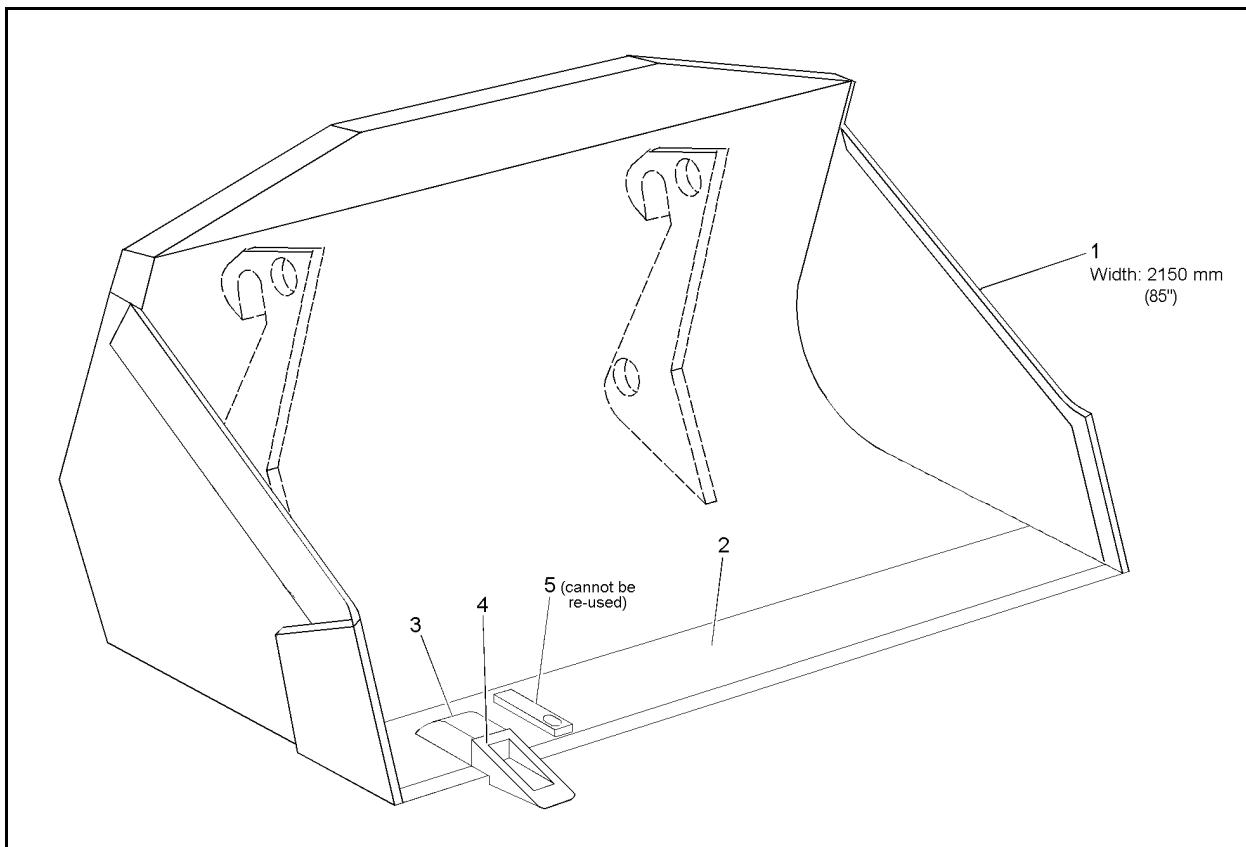
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1493600092	RESTRICTOR UNIT COMPLETE	1	8	0003630362	SCREW CONNECTION	2
2	0003611489	BALL VALVE	1	9	161446	ANGLE	2
3	0003610918	SHIFT LEVER	1	10	161471	ELBOW	1
4	000363164	SCREW CONNECTION GZ 15 L A3C	1	11	161467	TEE	1
5	0003631266	SCREW CONNECTION	2	12	1633601591	PIPE	1
6	1003634984	COVER (4.0 mm)	1	13	0003659805	HP HOSE	1
7	1003632784	COVER (2.5 mm)	1	14	1004356933	LABEL/RESTRICTED-OPEN	1

521 - CYLINDERS INSTALLATION

1000137514



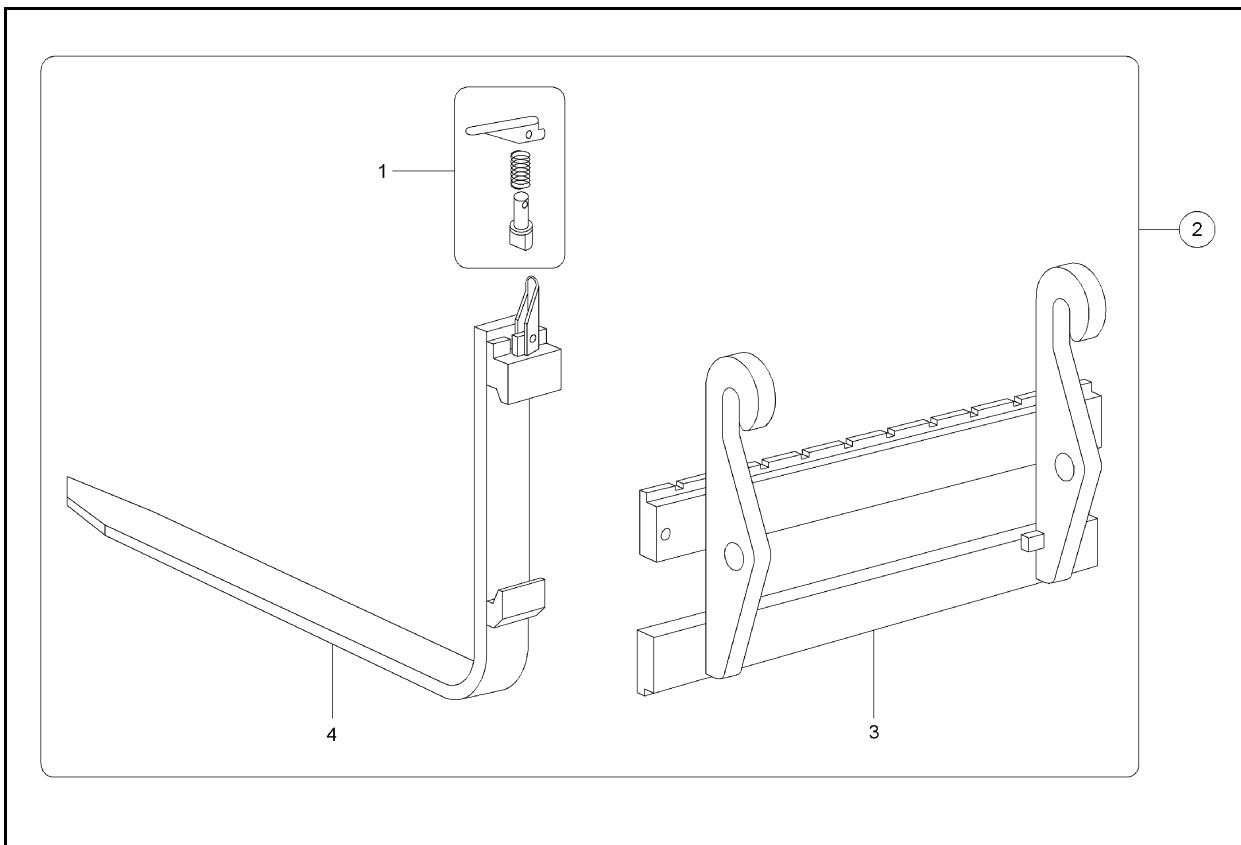
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1	0003636115	SCREW CONNECTION GE 15 LM M22 X 1.5 O.M D		7	22	0003635766	SCREW CONNECTION		2
2	161471	ELBOW		2	23	0000803403	SEAL KIT		1
3	0003659503	HP HOSE		2	24	7514682711	STRAIGHT PIN 8 X 70 A2C		2
4	0009936350	CLAMP 22/22		2	25	0003655104	HP HOSE		1
5	0009930685	COVER PLATE GD 3 D		2	26	0003659504	HP HOSE		1
6	7405677005	HN M8-8 A2C		2	27	0003633166	COUPLING SOCKET BG2 15 L		2
7	0003653805	HP HOSE		1	28	0003653014	HP HOSE		1
8	7252677036	SHCS M6 X 35-8.8 A2C		2	29	0003653114	HP HOSE		1
9	0003650604	HP HOSE		1	30	161446	ANGLE		1
10	0009937650	CLAMP		3	31	0003639069	SCREW CONNECTION		4
11	7252677040	SHCS 6 X 55-8.8 A2C		4	32	0003613589	SOLENOID VALVE		1
12	7451680109	WASHER B6.4-140HV A2C		4	33	0000801314	SOLENOID		1
13	7405677005	HN M8-8 A2C		4	34	0009905623	NUT		2
14	0003650404	HP HOSE		2	35	0000801315	SEAL KIT		1
15	0003632117	SCREW CONNECTION		2	36	651439	HB M8-1.25 X 80 C8.8 ZY		2
16	0003659003	HP HOSE		2	37	656048	HN M8-1.25 C8 ZY DIN934		2
17	1383602291	PIPE LINE COMPLETE		1	38	206958	WASHER		2
18	1383602391	PIPE LINE COMPLETE		1	39	0003653814	HP HOSE		1
19	0003630315	SCREW CONNECTION		2	40	0003633103	PRESSURE ACCUMULATOR		1
20	0009936750	CLAMP 2D 15 PA		4	41	209291	HEX NUT		1
21	7252677036	SHCS M6 X 35-8.8 A2C		8	42	0003650501	HP HOSE		1



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 10215-00	BUCKET W/O TEETH	1	4 FL00001367	TOOTH	6
2 207601	BUCKET BLADE	1	5 1604160022	LOCK	6
3 FL00001368	SLEEVE	6			

521 - PALLET FORKS

1000111967



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 209748	LEVER	2	3 207771	FORK MOUNTING	1
2 809192	PALLET FORK ASSY/48" LENGTH	1	4 207727	FORK ARMS	2

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0003634516	83	7	0003639264	90	3	0003654614	89	14
0003634949	85	3	0003639421	85	1	0003654714	89	4
0003635015	28	16	0003639464	47	45	0003654912	28	4
0003635015	31	6	0003639769	28	8	0003655012	28	7
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0003635017	44	2	0003639868	89	18	0003655212	44	4
0003635017	47	52	0003650404	96	14	0003655312	30	15
0003635716	30	4	0003650501	96	42	0003655312	47	61
0003635716	30	22	0003650604	96	9	0003655712	31	7
0003635716	46	4	0003650704	62	14	0003656014	46	30
0003635766	96	22	0003651013	46	43	0003656114	46	36
0003636115	96	1	0003651104	62	17	0003656612	85	2
0003636266	31	15	0003651106	31	11	0003657312	85	32
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0004351843	68	7	0009912823	26	3	0009933315	20	3
0004352543	68	9	0009921501	64	26	0009933315	90	19
0004353146	3	13	0009922728	65	27	0009933663	79	11
0004353329	3	10	0009923528	5	26	0009934784	79	10
0004353429	3	12	0009923528	62	11	0009934884	79	17
0004353943	68	32	0009923528	72	11	0009934955	62	29
0004355533	3	4	0009923528	84	18	0009935151	22	8
0004355543	68	10	0009923528	87	11	0009935584	30	9
0004355633	3	2	0009923727	93	8	0009935584	46	9
0004355833	3	3	0009923727	94	8	0009935684	66	24
0004355943	68	23	0009923728	21	17	0009936250	44	19
0004356143	68	27	0009923728	75	2	0009936350	28	17
0004356243	68	11	0009924003	35	9	0009936350	30	31
0004356543	68	25	0009924128	29	12	0009936350	96	4
0004357434	3	14	0009925128	85	7	0009936450	27	20
0004357443	68	21	0009925128	85	16	0009936750	96	20
0004357527	3	19	0009925728	85	11	0009937128	83	10
0004357943	68	18	0009927501	23	24	0009937450	20	5
0004358743	68	24	0009928928	25	12	0009937650	96	10
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0009942155	92	5	0009966142	23	15	0381700110	35	1
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0009946982	65	17	0009966870	21	8	0382200001	48	2
0009949937	93	7	0009967070	87	7	0382200101	48	3
0009949937	94	7	0009967270	33	5	0382400416	46	32
0009951869	92	11	0009967408	27	11	0382430360	45	18
0009953268	26	6	0009967508	27	18	0382602501	37	1
0009953468	76	11	0009968070	34	17	0382602601	48	1
0009953555	45	3	0009968170	34	19	0382610040	48	5
0009955468	81	4	0009968770	34	4	0382610140	48	6
0009955669	92	10	0009968870	34	16	0382610240	48	11
0009958368	11	12	0009969115	21	6	0382610340	48	12
0009959068	26	8	0009969809	87	5	0382640085	37	2
0009959068	27	19	0009969870	34	15	0382730001	61	4
0009960071	30	3	0009976419	5	13	0382730026	61	5
0009960071	46	3	0009976519	5	14	0382730602	62	9
0009960166	92	19	0009976619	5	15	0382900009	66	23
0009960608	85	9	0009976719	5	16	0383000026	66	11
0009961652	32	14	0161010054	22	6	0383000130	65	1
0009961952	92	14	0162910401	63	1	0383000448	66	4
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0383200704	67	16	0465010310	86	4	1383050440	65	25
0383210501	67	12	0465010310	86	9	1383350040	72	3
0383300210	70	16	0465010510	86	11	1383602291	96	17
0383302410	70	1	0493400001	79	1	1383602391	96	18
0383302410	71	1	0494161140	84	2	1384100219	91	1
0383410013	79	25	0494161240	84	3	1384100438	91	5
0383410588	66	28	0494161340	84	4	1384100793	91	7
0383410688	66	6	0494161440	84	5	1384100893	91	29
0383410788	82	4	0899930278	66	15	1384100993	91	11
0383410888	82	1	1003632784	95	7	1384101093	91	28
0383600027	30	6	1003634984	95	6	1384160006	91	26
0383600027	46	6	1004356933	95	14	1384160193	91	19
0383600040	30	8	1004357032	3	1	1384160350	91	14
0383600040	46	8	1004357433	3	16	1394160050	91	9
0383600083	62	16	1009937011	87	25	1431010254	22	14
0383600391	27	13	1009938911	21	19	1491700010	24	10
0383600491	27	14	1009939111	21	18	1491700042	24	7
0383600801	87	1	1009939211	87	26	1491710045	24	16
0383600918	88	2	1009953684	5	19	1493600092	95	1
0383603642	94	1	1009972720	91	15	1553630283	27	5
0383606342	93	1	1009972720	92	21	1604160022	97	5
0383606391	27	16	1009972820	91	16	1633601591	95	12
0383606991	26	2	1009972820	92	22	1641710078	24	6
0383607342	93	9	1009972920	91	17	1643010040	69	34
0383610094	30	11	1009972920	92	23	7234677056	15	7
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0383610140	27	24	1009973020	92	24	7234677181	25	24
0383610340	35	4	1360110326	5	24	7234677227	48	4
0383611618	88	13	1364160093	92	20	7234677230	25	9
0383630083	89	7	1380120043	5	2	7234677557	5	25
0384100159	83	25	1380120143	5	1	7234677557	56	4
0384100280	92	3	1380830140	20	4	7234677560	30	12
0384100463	92	1	1381710017	23	21	7234677560	47	60
0384100563	92	2	1381710025	23	17	7234677594	5	17
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7236677080	29	10	7397677086	83	19	7451680112	84	12
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7236677942	85	10	7401677153	92	12	7451680116	48	10
7236677942	91	8	7403677804	67	15	7453680112	65	22
7236677950	48	13	7404677212	88	8	7460094005	18	6
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7250671588	45	15	7405677005	23	7	7462680008	23	3
7250671592	75	8	7405677005	27	23	7462680008	24	4
7252677036	14	2	7405677005	29	2	7462680008	29	11
7252677036	44	20	7405677005	46	17	7462680008	45	32
7252677036	96	8	7405677005	65	12	7462680008	65	30
7252677036	96	21	7405677005	65	16	7462680008	66	14
7252677040	96	11	7405677005	65	20	7462680008	80	16
7252677048	20	6	7405677005	66	10	7462680008	81	7
7252677048	35	6	7405677005	72	4	7462680008	84	10
7252677053	85	41	7405677005	80	17	7462680008	90	6
7252677054	21	23	7405677005	83	22	7462680011	21	25
7252677054	87	32	7405677005	96	6	7462680011	22	10
7252677086	15	12	7405677005	96	13	7462680011	25	5
7252677095	91	20	7409678208	26	14	7462680011	66	3
7252677128	34	14	7451680012	45	17	7462680011	66	26
7252677256	25	11	7451680013	61	10	7462680011	83	21
7252677580	33	4	7451680107	13	10	7462680011	84	15
7252677618	34	13	7451680107	15	6	7462680011	86	23
7252678053	85	5	7451680108	19	9	7464680014	91	23
7272671155	24	2	7451680108	69	24	7464680015	91	24
7272671155	35	2	7451680108	76	17	7464680138	34	3
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7490682065	55	2	7821104308	45	5
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TORQUE SPECIFICATIONS

*Note: Use these torque values when tightening **Gehl** hardware (excluding: locknuts and self-tapping, thread forming and sheet metal screws) unless specified otherwise.*

Hydraulic fittings with various seals (light application). All torque values are in lb.-ft. (Nm) unless marked otherwise.

Thread	Straight pipe fitting with thread and screwed plug (GE)			Non-return valve with elastic seal	Identification aid outside Ø
	Sealing washer	Elastic seal	O-ring		
M10X1.0	7 (9)	13 (18)	11 (15)	13 (18)	0.4 in. (10 mm)
M12X1.5	15 (20)	18 (25)	18 (25)	18 (25)	0.5 in. (12 mm)
M14X1.5	26 (35)	33 (45)	26 (35)	26 (35)	0.6 in. (14 mm)
M16X1.5	33 (45)	41 (55)	30 (40)	37 (50)	0.6 in. (16 mm)
M18X1.5	41 (55)	52 (70)	33 (45)	52 (70)	0.7 in. (18 mm)
M22X1.5	48 (65)	92 (125)	44 (60)	92 (125)	0.9 in. (22 mm)
M27X2.0	66 (90)	133 (180)	74 (100)	107 (145)	1.0 in. (27 mm)
M33X2.0	111 (150)	229 (310)	118 (160)	155 (210)	1.3 in. (33 mm)
M42X2.0	177 (240)	332 (450)	155 (210)	266 (360)	1.7 in. (42 mm)
M48X2.0	214 (290)	398 (540)	192 (260)	398 (540)	1.9 in. (48 mm)
G1/8A	7 (9)	13 (18)	11 (15)	13 (18)	0.4 in. (9.73 mm)
G1/4A	26 (35)	26 (35)	22 (30)	26 (35)	0.5 in. (13.16 mm)
G3/8A	33 (45)	52 (70)	33 (45)	37 (50)	0.7 in. (16.66 mm)
G1/2A	48 (65)	66 (90)	41 (55)	48 (65)	0.8 in. (20.96 mm)
G3/4A	66 (90)	133 (180)	74 (100)	103 (140)	1.0 in. (26.44 mm)
G1A	111 (150)	229 (310)	118 (160)	140 (190)	1.3 in. (33.25 mm)
G1 1/4A	177 (240)	332 (450)	155 (210)	266 (360)	1.7 in. (41.91 mm)
G1 1/2A	214 (290)	398 (540)	192 (260)	398 (540)	1.9 in. (47.80 mm)

Hydraulic fittings with various seals (heavy application). All torque values are in lb.-ft. (Nm) unless marked otherwise.

Thread	Straight pipe fitting with thread and screwed plug (GE)			Non-return valve with elastic seal	Identification aid outside Ø
	Sealing washer	Elastic seal	O-ring		
M12X1.5	15 (20)	26 (35)	26 (35)	26 (35)	0.5 in. (12 mm)
M14X1.5	26 (35)	41 (55)	33 (45)	33 (45)	0.6 in. (14 mm)
M16X1.5	33 (45)	52 (70)	41 (55)	41 (55)	0.6 in. (16 mm)
M18X1.5	41 (55)	66 (90)	52 (70)	52 (70)	0.7 in. (18 mm)
M20X1.5	41 (55)	92 (125)	59 (80)	74 (100)	0.8 in. (20 mm)
M22X1.5	48 (65)	100 (135)	74 (100)	92 (125)	0.9 in. (22 mm)
M27X2.0	66 (90)	133 (180)	125 (170)	100 (135)	1.0 in. (27 mm)
M33X2.0	111 (150)	229 (310)	229 (310)	155 (210)	1.3 in. (33 mm)
M42X2.0	177 (240)	332 (450)	243 (330)	266 (360)	1.7 in. (42 mm)
M48X2.0	214 (290)	398 (540)	310 (420)	398 (540)	1.9 in. (48 mm)
G1/8A	26 (35)	41 (55)	33 (45)	33 (45)	0.5 in. (13.16 mm)
G1/4A	33 (45)	59 (80)	44 (60)	44 (60)	0.7 in. (16.66 mm)
G3/8A	48 (65)	85 (115)	55 (75)	74 (100)	0.8 in. (20.96 mm)
G1/2A	66 (90)	133 (180)	125 (170)	107 (145)	1.0 in. (26.44 mm)
G3/4A	111 (150)	229 (310)	229 (310)	192 (260)	1.3 in. (33.25 mm)
G1A	177 (240)	332 (450)	243 (330)	266 (360)	1.7 in. (41.91 mm)
G1 1/4A	214 (290)	398 (540)	310 (420)	398 (540)	1.9 in. (47.80 mm)

With coarse-pitch thread. All torque values are in lb.-ft. (Nm) unless marked otherwise.

Thread	Threads according to DIN 912, DIN 931, DIN 933, etc.			Threads according to DIN 7984	
	8.8	10.9	12.9	8.8	10.9
M5	4.1 (5.5)	6 (8)	7 (10)	4 (5)	5 (7)
M6	7 (10)	10 (14)	13 (17)	6.3 (8.5)	9 (12)
M8	18 (25)	26 (35)	31 (42)	15 (20)	22 (30)
M10	33 (45)	48 (65)	59 (80)	30 (40)	44 (59)
M12	64 (87)	81 (110)	108 (147)	51 (69)	74 (100)
M14	100 (135)	133 (180)	170 (230)	81 (110)	118 (160)
M16	155 (210)	203 (275)	258 (350)	125 (170)	184 (250)
M18	207 (280)	302 (410)	354 (480)	181 (245)	254 (345)
M20	302 (410)	420 (570)	509 (690)	251 (340)	361 (490)
M22	406 (550)	575 (780)	686 (930)	339 (460)	487 (660)
M24	524 (710)	738 (1000)	878 (1190)	435 (590)	620 (840)
M27	767 (1040)	1092 (1480)	1305 (1770)	642 (870)	922 (1250)
M30	1047 (1420)	1482 (2010)	1770 (2400)	885 (1200)	1254 (1700)

With fine-pitch thread. All torque values are in lb.-ft. (Nm) unless marked otherwise.

Thread	Threads according to DIN 912, DIN 931, DIN 933, etc.			Threads according to DIN 7984	
	8.8	10.9	12.9	8.8	10.9
M8X1.0	18 (25)	27 (37)	32 (43)	16 (22)	24 (32)
M10X1.0	37 (50)	55 (75)	65 (88)	32 (43)	48 (65)
M10X1.25	36 (49)	52 (71)	61 (83)	31 (42)	46 (62)
M12X1.25	64 (87)	96 (130)	111 (150)	55 (75)	81 (110)
M12X1.5	61 (83)	92 (125)	107 (145)	53 (72)	77 (105)
M14X1.5	100 (135)	148 (200)	173 (235)	89 (120)	129 (175)
M16X1.5	155 (210)	229 (310)	266 (360)	133 (180)	195 (265)
M18X1.5	232 (315)	332 (450)	391 (530)	199 (270)	284 (385)
M20X1.5	325 (440)	465 (630)	538 (730)	277 (375)	391 (530)
M22X1.5	435 (590)	620 (840)	723 (980)	369 (500)	524 (710)
M24X2.0	546 (740)	789 (1070)	922 (1250)	465 (630)	664 (900)
M27X2.0	811 (1100)	1143 (1550)	1328 (1800)	679 (920)	959 (1300)
M30X2.0	1106 (1500)	1586 (2150)	1844 (2500)	959 (1300)	1364 (1850)



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