

GEHL®

Form No.
909884
Revision B
Oct. 2008

Model 521T

Wheel Loader

Serial Numbers 312000079 to 3120100041



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
RH	Right Hand
RT	Right
SHCS	Socket Head Cap Screw
SLTD	Slotted
SN	Serial Number or Slotted Nut
SQ	Square
W/	With
W/O	Without
■	Measurement Required

TABLE OF CONTENTS

Introduction.....	i	Service Brake Hydraulics	46
Table of Contents.....	1	Rear Axle Fasteners & Gear Box	48
Decals.....	3	Rear Axle	49
Engine Mounts	5	Rear Axle Steering.....	50
Engine	6	Rear Axle Gear Drive	51
Engine Lubrication	7	Rear Axle Differential Lock	52
Fuel Filter.....	8	Rear Wheel Hub.....	53
Fuel Pump	9	Standard Speed (12.5 mph) Gearbox	
Fuel Injection System	10	Housing.....	54
Intake Manifold & Turbocharger System	11	Standard Speed Gearbox Internal Parts	55
Crankcase Vent	12	High Speed (25.0 mph) Gearbox Housing	56
Rear Engine Attachments	13	High Speed Gear Shifter	57
Front Engine Cover.....	14	High Speed Input Shaft (Control Gear)	58
Belt Cover	15	High Speed Input Shaft (Bearing)	59
Pulley	16	High Speed Gearbox Hydraulics	
Cylinder Head & Valve Cover.....	17	Installation	60
Oil Cooler Installation	18	Steering Unit	61
Cooling Fan.....	19	Steering Hydraulics Installation.....	62
Fuel Line	20	Operator's Seat	63
Fuel Tank	21	Operator's Seat Base	64
Air Intake System	22	Engine Hood	65
Throttle Pedal.....	23	Cowl & Lower Body Trim	66
Hand Throttle	24	Exhaust System.....	67
Frame/Counterweight	25	Instrument Panel	68
Variable Displacement Pump Installation	26	Vehicle Lighting	69
Drive Hydraulics Installation	27	Main Wiring Harness	70
Drive Pilot Installation	28	Battery	72
Hydraulic Motor Oil Cooler	29	Window Wipers	73
Hydraulic Motor Oil Cooler Installation	30	Cab Wiring Harness/Instrument Panel	74
Variable Displacement Pump	32	Cab Wiring Harness/Front Components	75
Inching Valve.....	33	Cab Wiring Harness/Fuse Box	76
Variable Displacement Motor.....	34	Cab Wiring Harness/Rear Components	77
Low Speed Control	35	Cab Wiring Harness	78
Wheels and Tires	36	Cab	79
Front Axle	37	Cab Doors	80
Front Axle Steering.....	38	Cab Interior Cover Trim	81
Front Axle Gear Drive	39	Cab Mats & Filters	82
Front Axle Differential	40	Cab Heater	83
Front Axle Differential Lock	41	Cab Protection Screens	84
Brake	42	Hydraulic Oil Circulating System	85
Front Wheel Hub	43	Hydraulic System Control Valve	86
Front Axle Differential Lock Hydraulics	44	Hydraulic Oil Tank	87
Parking Brake	45	Pilot Valve	88

TABLE OF CONTENTS

Pilot Valve Installation	89
Electrical Control Circuit.....	90
Safe Load Indicator.....	91
Telescoping Boom	92
Boom Frame Trim	94
Quickhitch Assembly.....	95
Load Stabilizer	96
Lift Cylinder	97
Tilt Cylinder.....	98
Self-Leveling Cylinder	99
Extension Cylinder	100
Cylinders Installation.....	101
Bucket	102
Pallet Forks	103
Numerical Index	107

DECALS

GENERAL INFORMATION

Decal information is provided to assist in the proper selection and application of new decals, in the event the original decals become 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 521T All-Wheel Steer (AWS) Loader are listed below:

Ref. No.	Part No.	Description	Qty.
	203244	Decal Kit/521T 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	139727	521T/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.

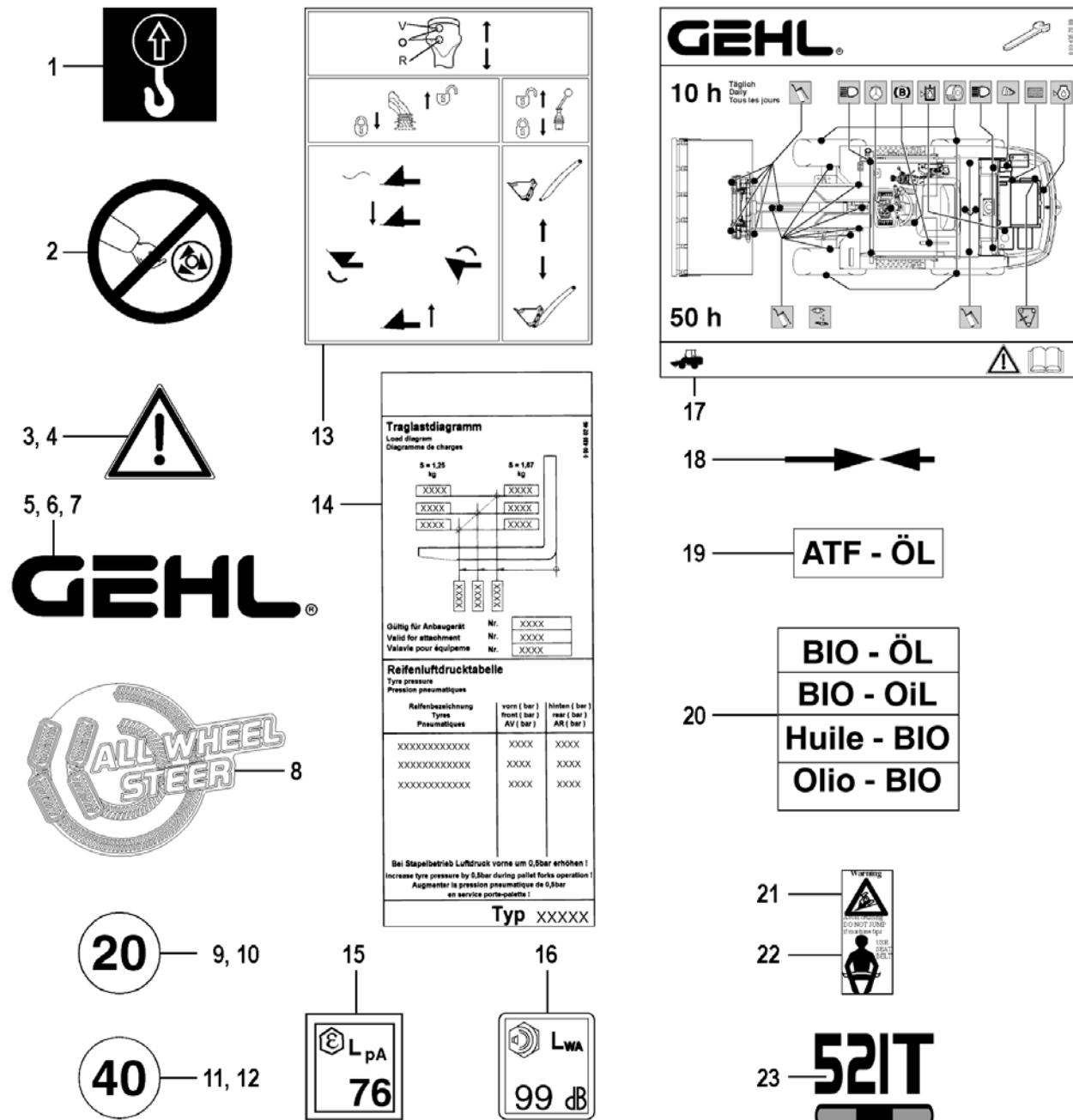
Use the above reference numbers to identify the corresponding decals on the next page.

PAINT NOTICE

Use this list to order paint for refinishing:

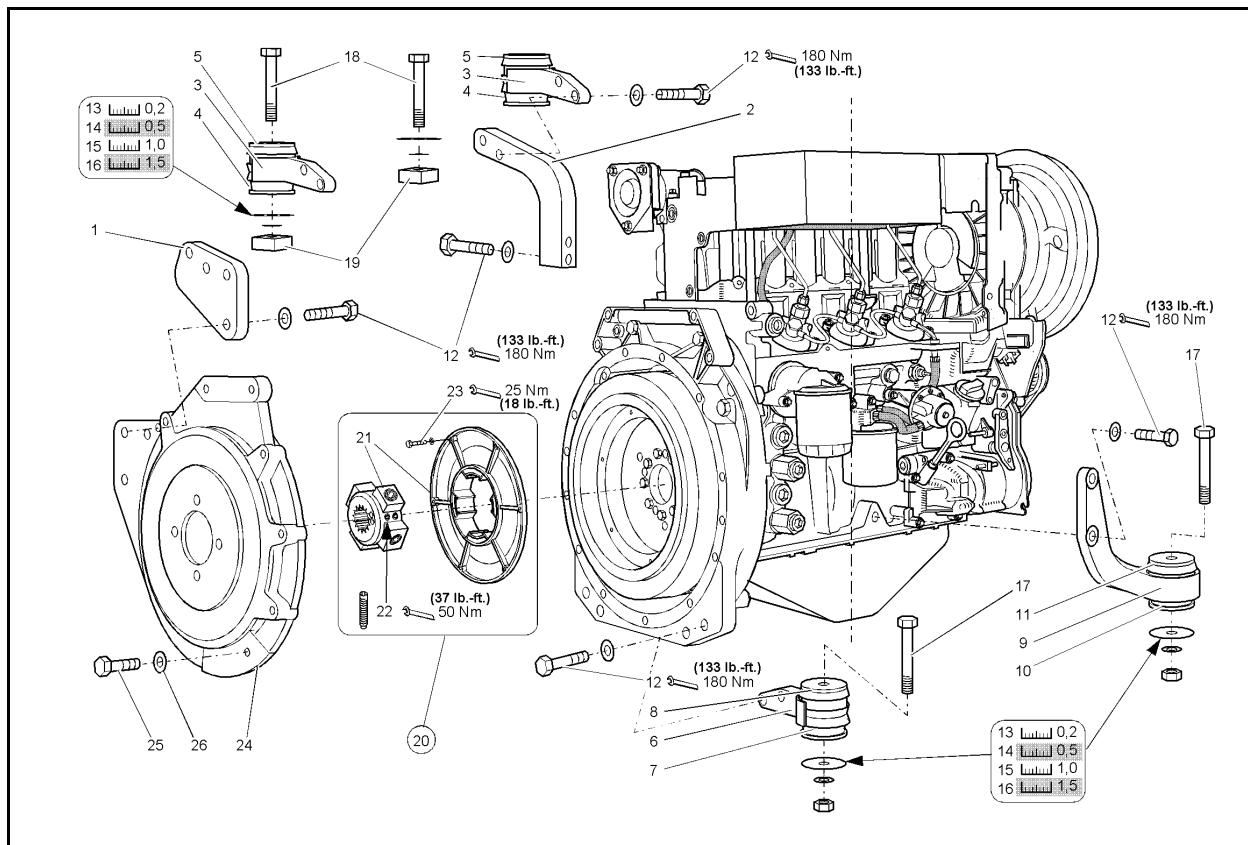
- 167768 4 quarts AWS Yellow (GEHL)
- 167758 4 quarts Charcoal Gray (GEHL)
- 167774 4 quarts Dark Gray (GEHL)
- 167769 6 spray cans (12.8 oz.) AWS Yellow (GEHL)
- 167775 6 spray cans (12.8 oz.) Dark Gray (GEHL)
- 167760 6 spray cans (12.8 oz.) Charcoal Gray (GEHL)

DECALS



521T - ENGINE MOUNTS

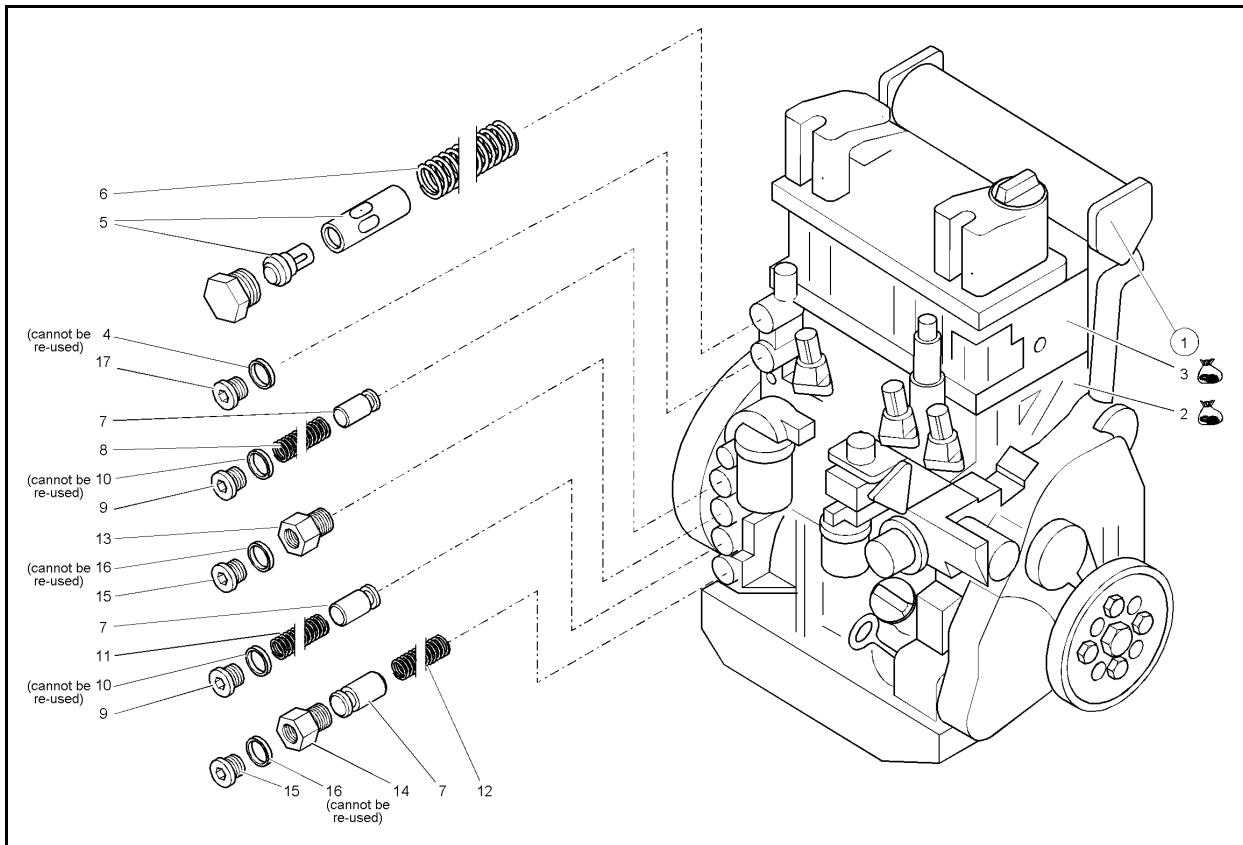
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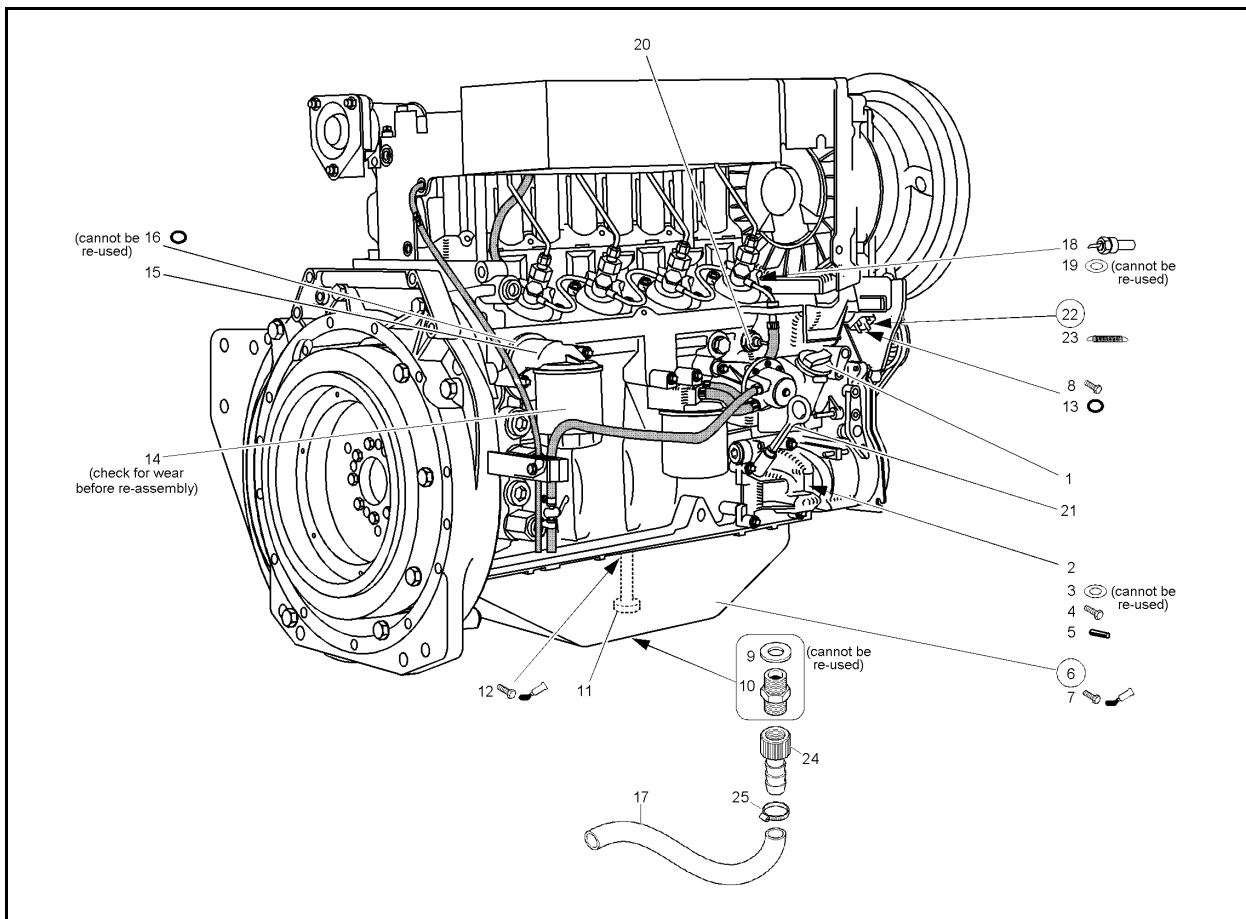
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1380120143	SUSPENSION	1	15	0009976619	SPACER (1.0MM)	AR
2	1380120043	SUSPENSION	1	16	0009976719	SPACER (1.5MM)	AR
3	0000801410	BEARING	2	17	7234677594	HS M12 X 85 8.8 A2C	2
4	0000801926	RUBBER RING	4	18	651403	HB M12-1.75 X 100 C8.8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

521T - ENGINE

1000137529



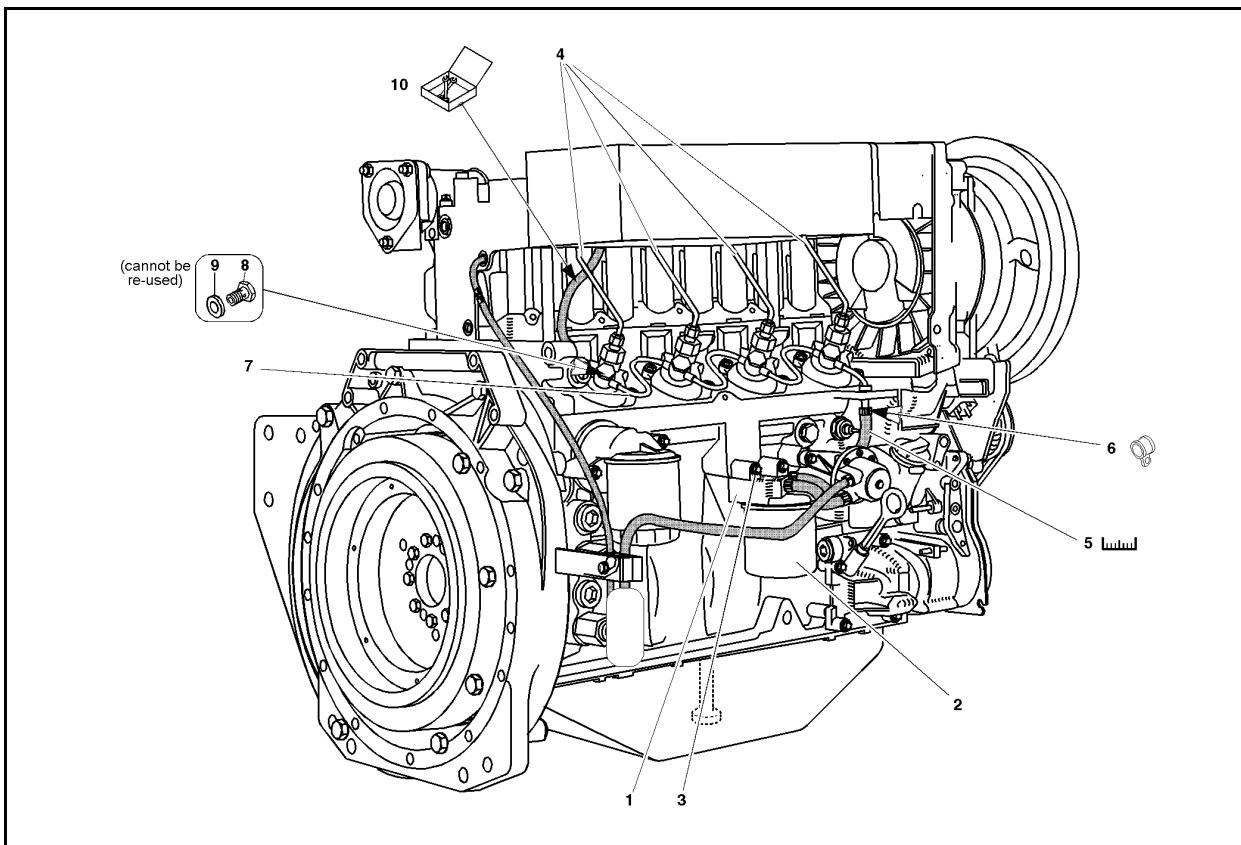
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0380101403	ENGINE/DEUTZ F4M 1011F	1	10	7593641038	SEALING RING A24 X 29	2
2	0000803947	SEAL KIT	1	11	0000802675	COMPRESSION SPRING	1
3	0000804276	SEAL KIT	1	12	0000802676	COMPRESSION SPRING	1
4	163793	SEAL	2	13	133409	ADAPTOR	1
5	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				



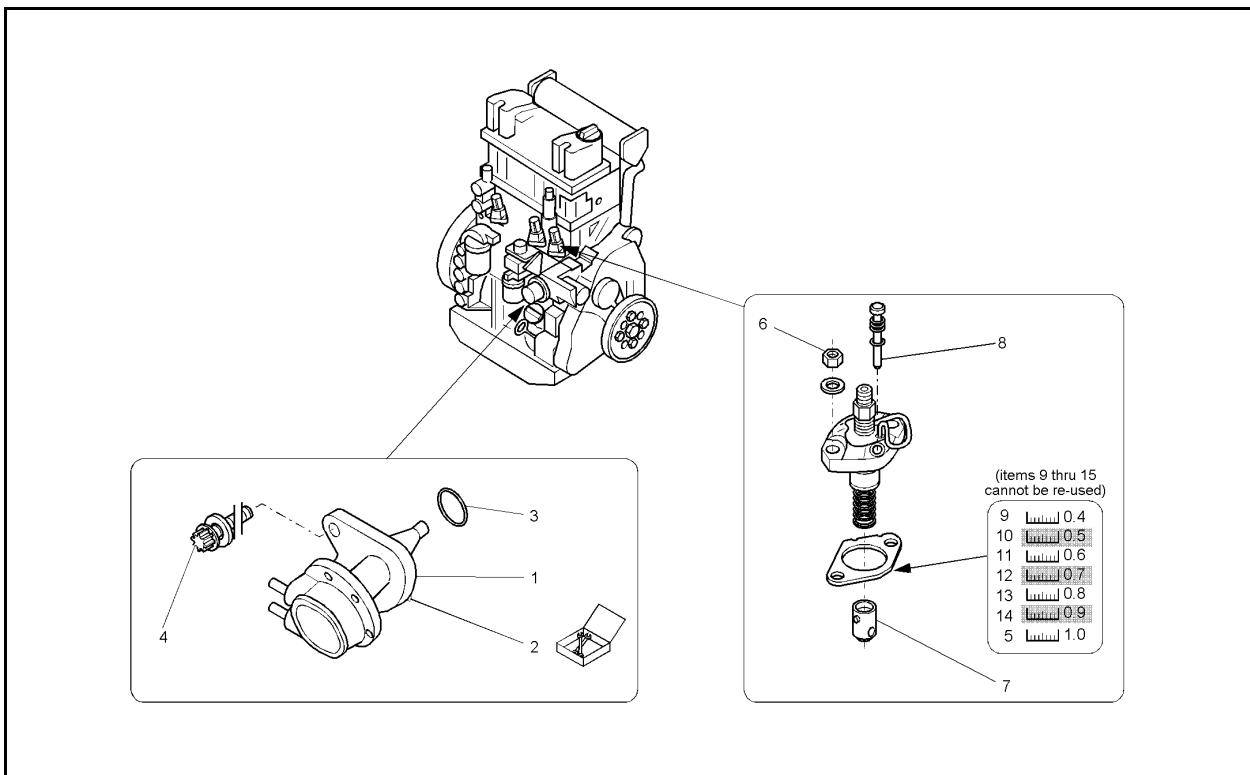
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000802648	LOCK	1	14	132023	OIL FILTER	1
2	0000802908	OIL PUMP	1	15	0000802667	CONSOLE	1
3	0000802665	GASKET	1	16	0000802668	O-RING 64 X 3	1
4	0000802663	TORX HEAD SCREW	4	17	207290	FLEXIBLE TUBE (0.5M)	1
5	0000802664	SPIRAL PIN	2	18	0003363203	TEMPERATURE SENSOR	1
6	0000802897	OIL PAN	1	19	163756	SEAL	1
7	0000802645	TORX HEAD SCREW M8 X 16	26	20	208826	OIL PRESSURE SWITCH	1
8	651424	CS M6.1 X 20 C8.8 ZY	2	21	0000804262	OIL DIPSTICK	1
9	7593641029	SEALING RING A18 X 24	1	22	202208	ENGINE SHUT-OFF	1
10	0003618484	DRAIN COUPLING M18 X 1.5	1	23	0000801986	TENSION SPRING	1
11	133407	OIL SUCTION PIPE	1	24	0003634062	OIL DRAIN COUPLING	1
12	133235	TORX HEAD SCREW	2	25	0009931651	CLAMP	1
13	0000801849	O-RING 44 X 3.5 NBR-1-60	1				

521T - 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.**

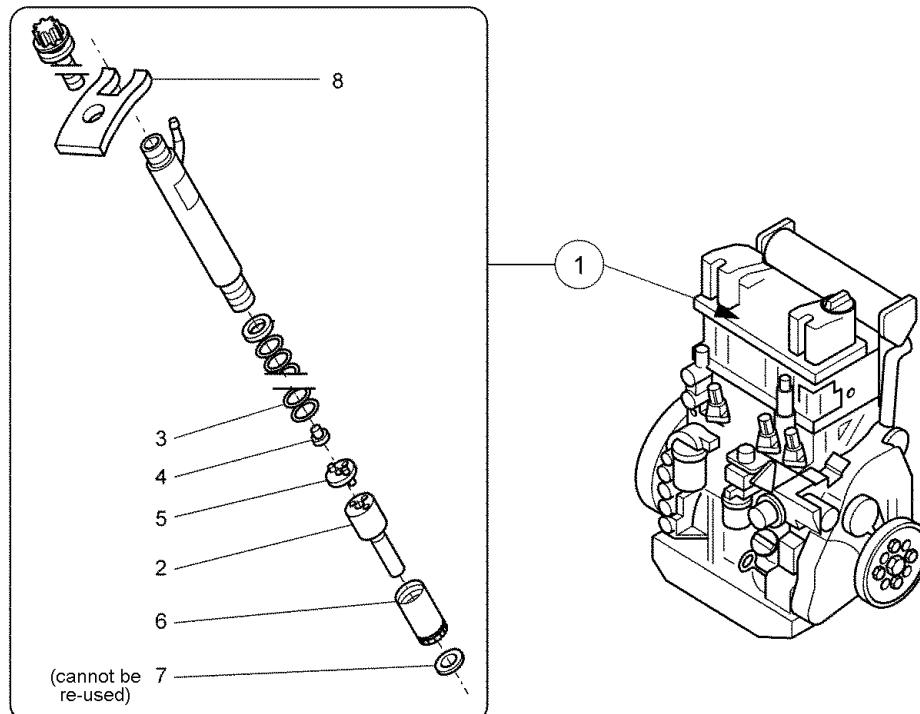
1	0000802911	FUEL PUMP	1
2	0000802790	REPAIR KIT	1
3	0000801396	O-RING 30 X 3	1
4	0000801892	TORX HEAD SCREW AM8 X 20	2
5	0000802689	SHIM (1.0MM)	AR
6	656048	HN M8-1.25 C8 ZY DIN934	2
7	0000801982	ROLLER TAPPET	1

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

521T - 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.

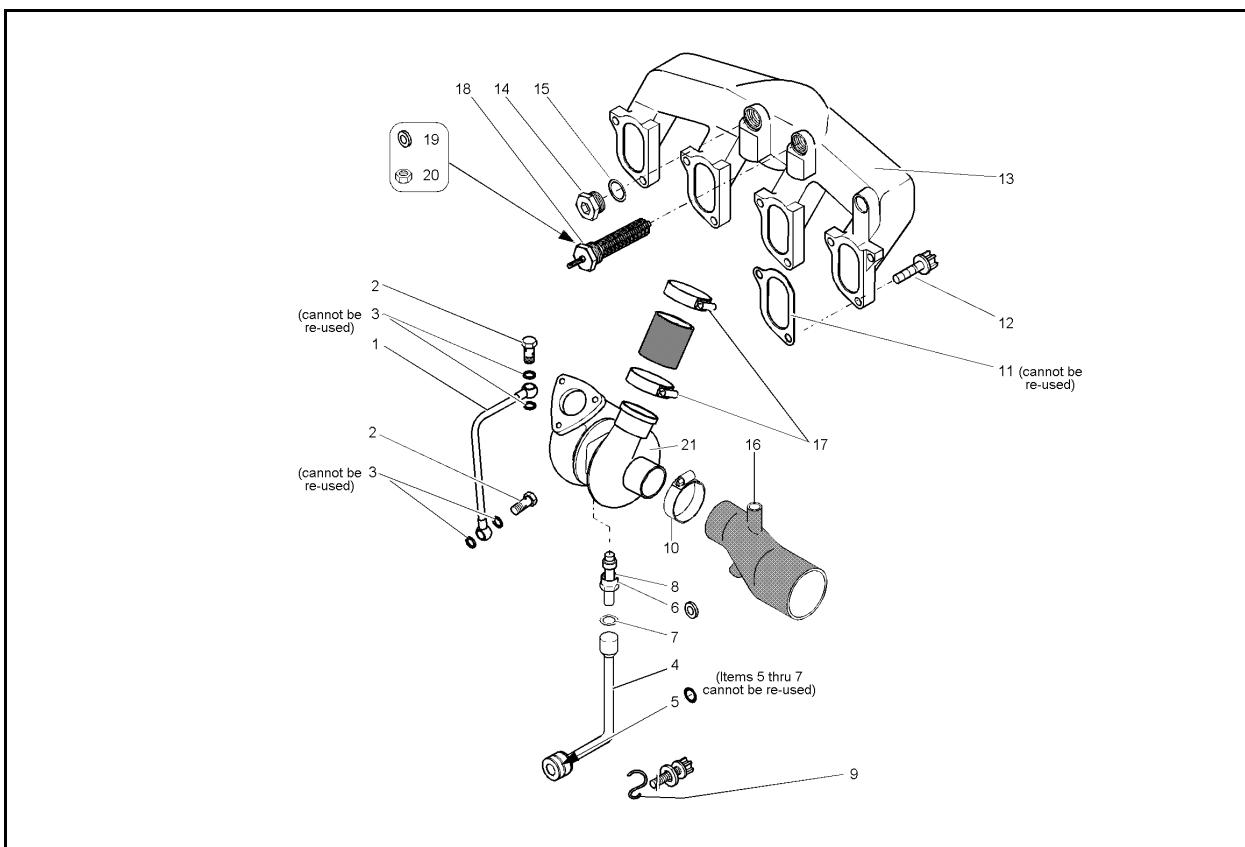
Description

Qty.

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

521T - INTAKE MANIFOLD & TURBOCHARGER SYSTEM

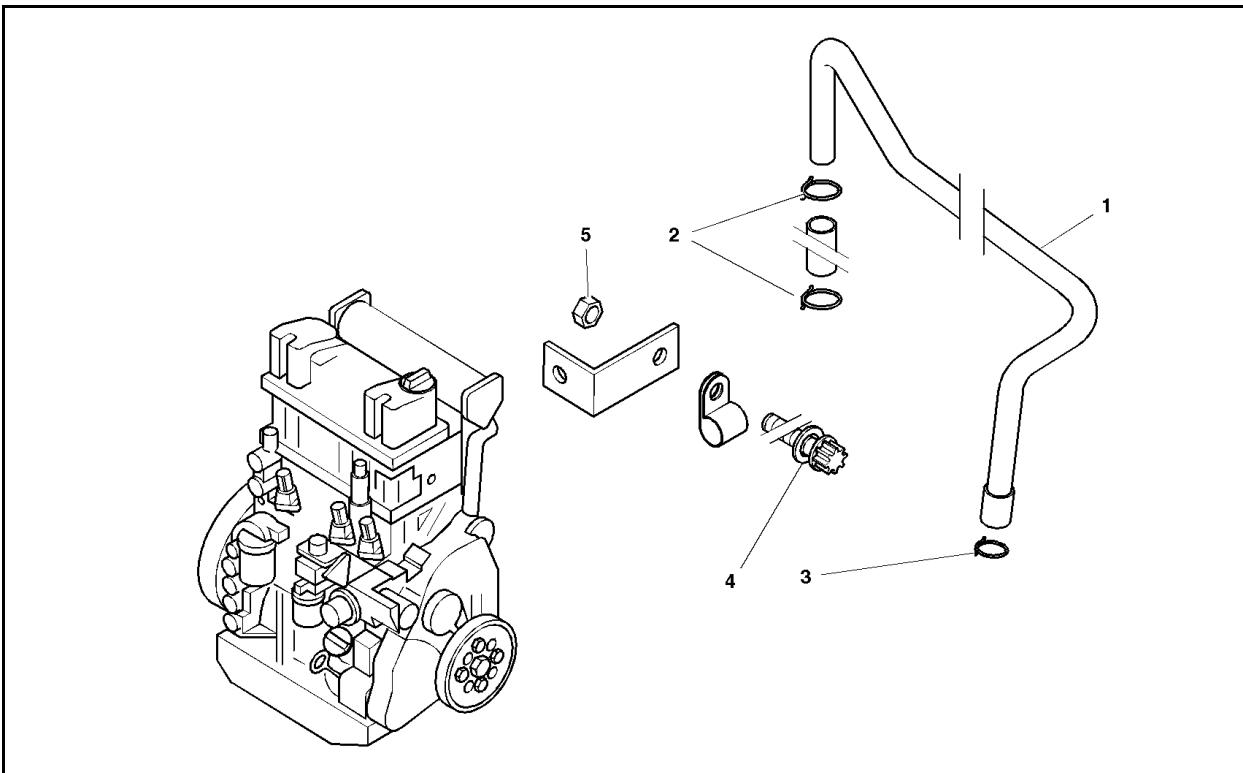
1000137433



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			

521T - 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.

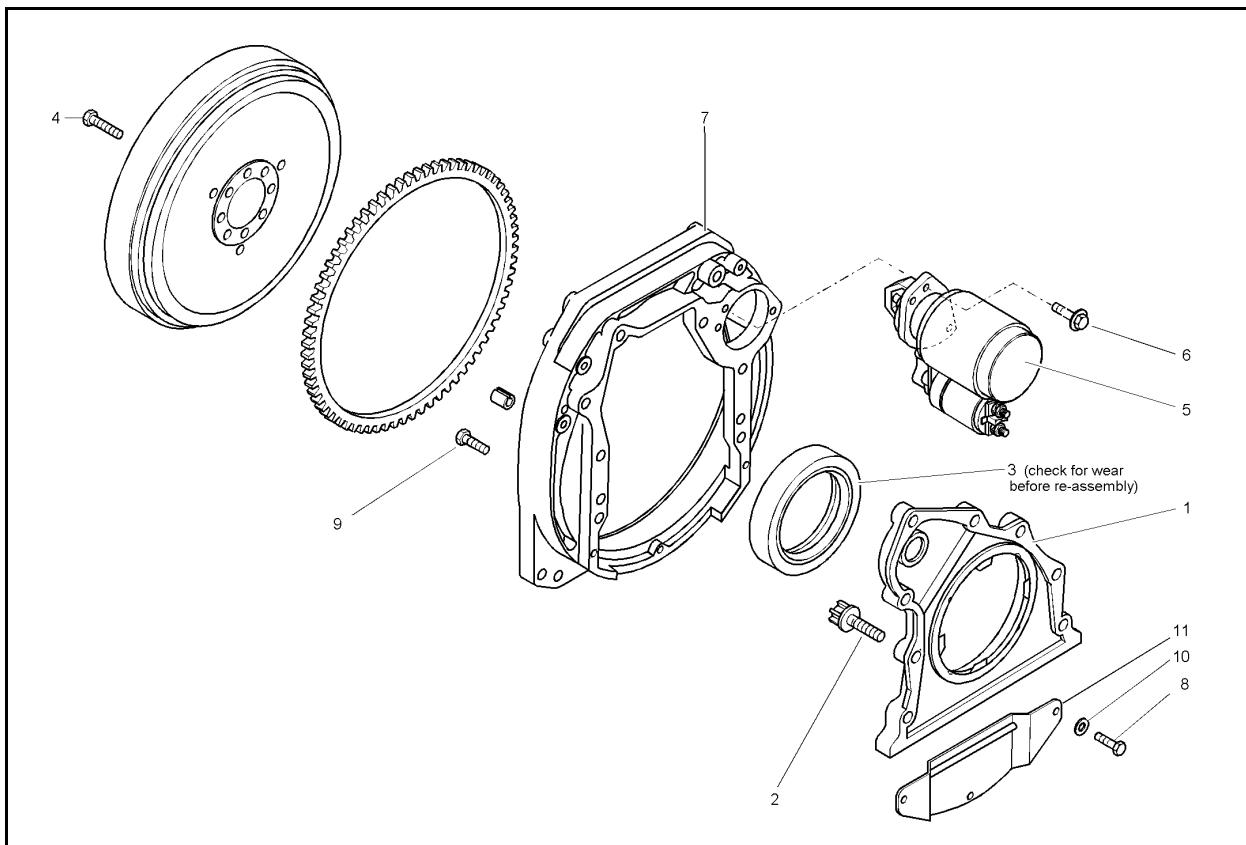
Description

Qty.

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

521T - REAR ENGINE ATTACHMENTS

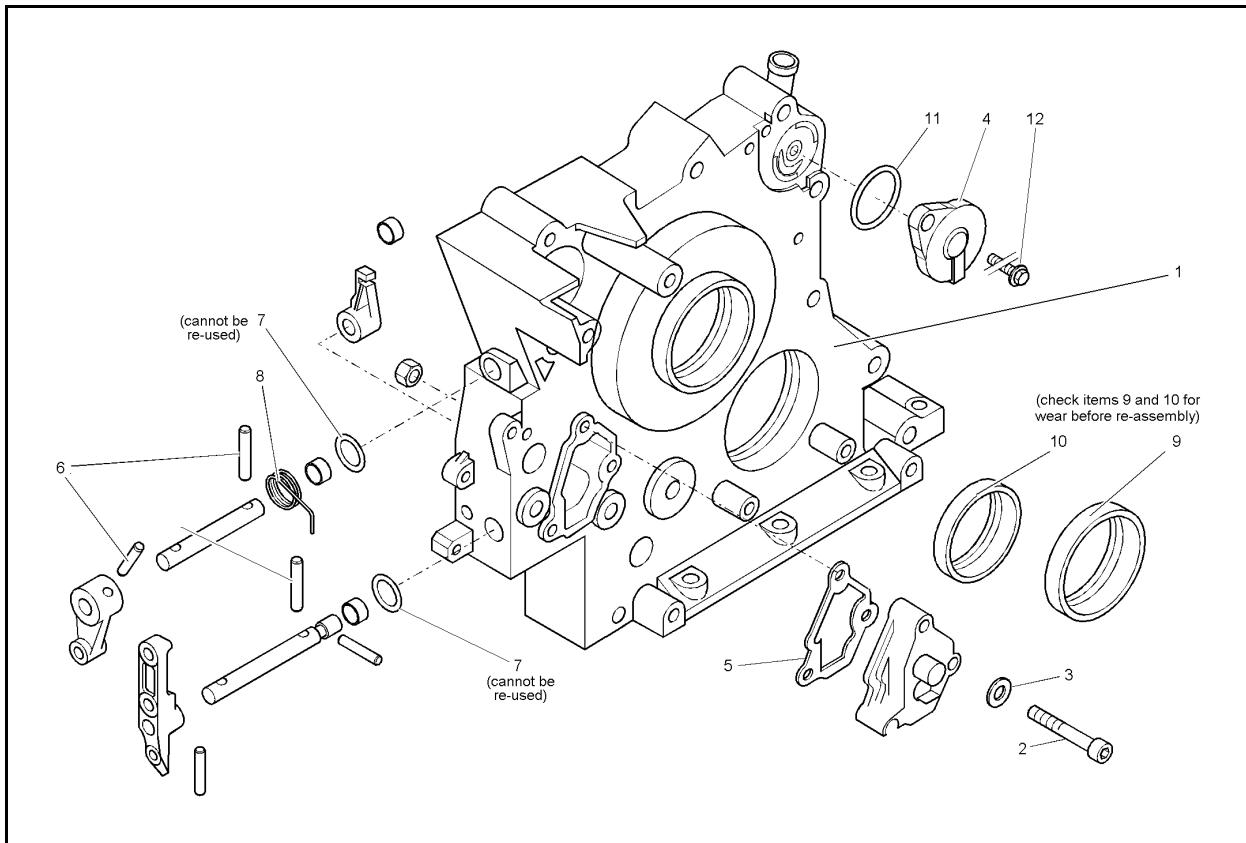
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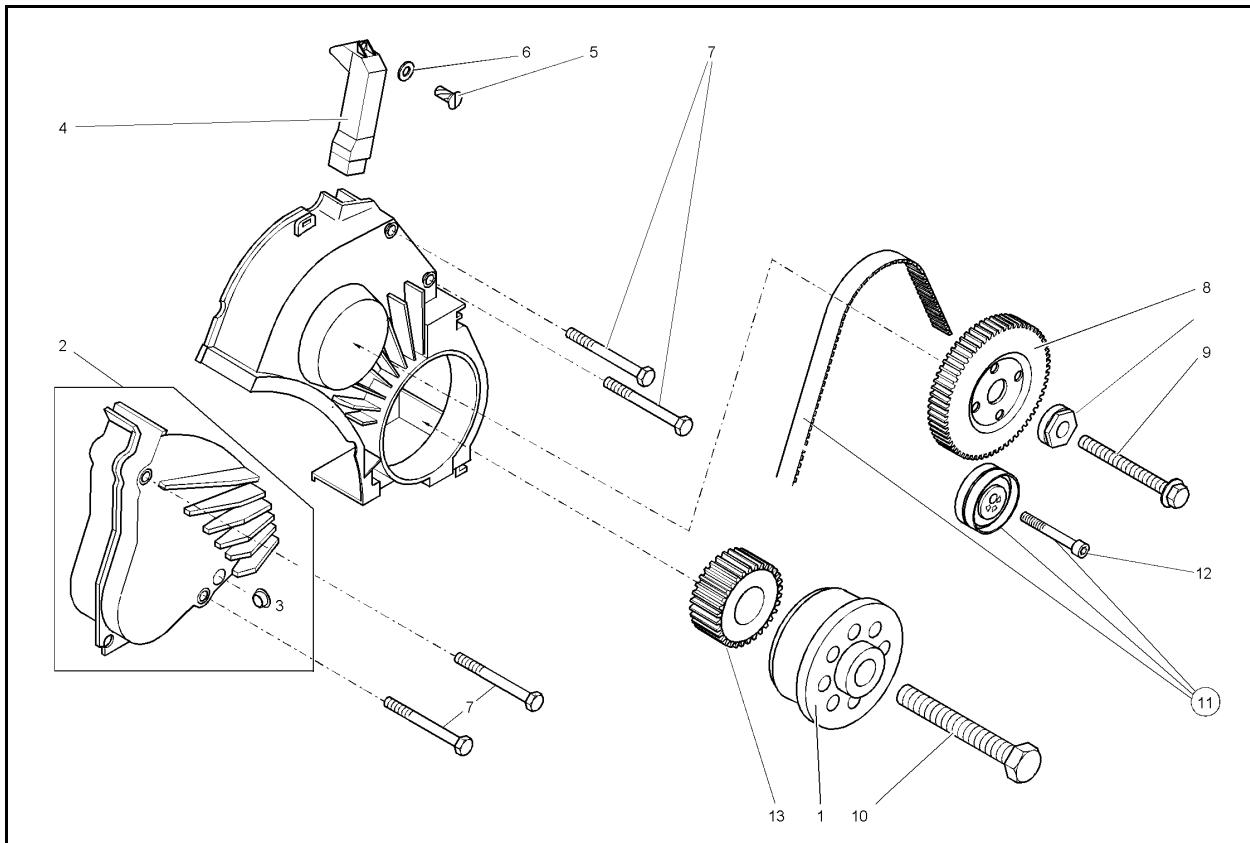
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000801978	REAR ENGINE COVER	1	7 135537	ADAPTOR HOUSING	1
2 656094	CS M8-1.25 X 30 C8.8 ZY	8	8 9901671G	HEX SCREW	3
3 0000801363	ROTARY SHAFT SEAL	1	9 651406	CS M12-1.75 X 35 C10.9 ZY	5
4 0000801922	SCREW	8	10 7451680107	WASHER B4.3-140HV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

521T - FRONT ENGINE COVER

1000137436



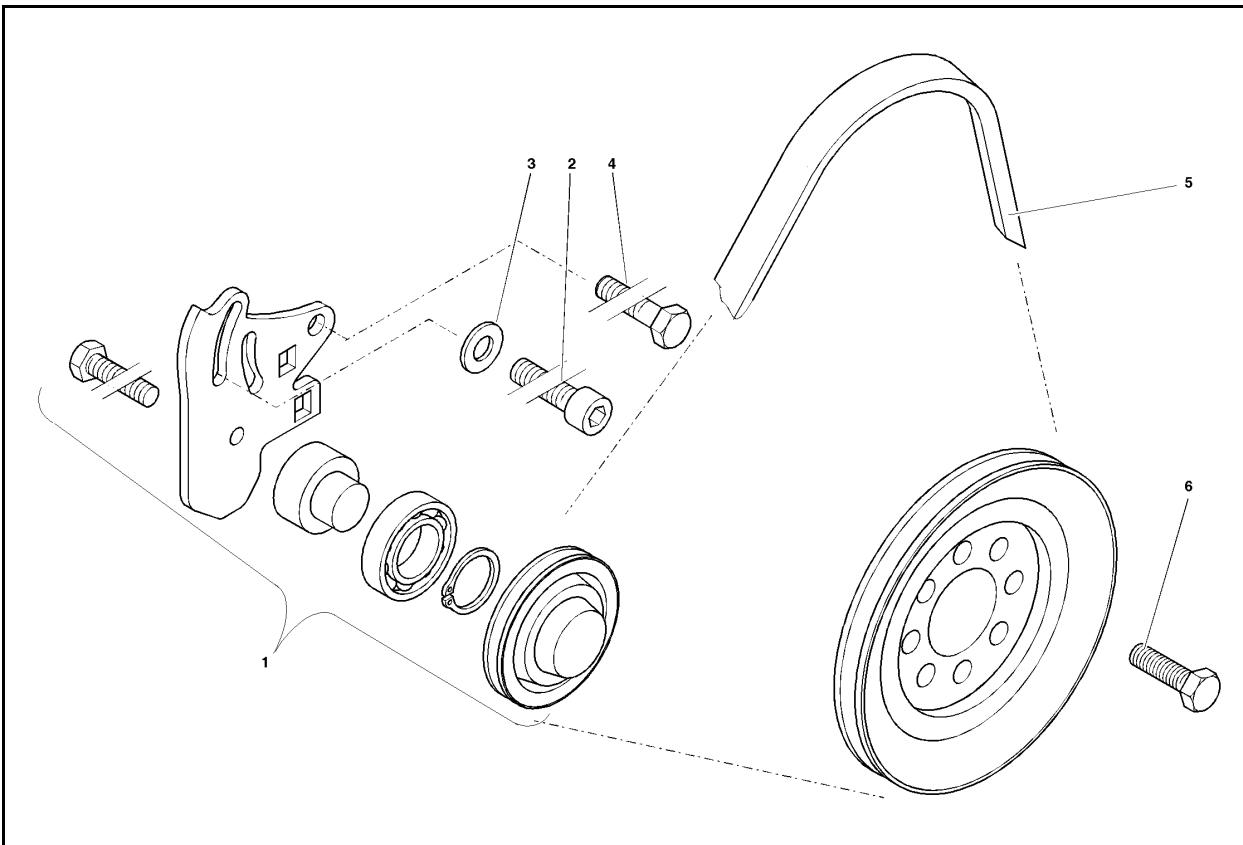
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	133425	FRONT ENGINE COVER	1	7	0000802741	O-RING 10 X 3	2
2	7252677036	SHCS M6 X 35-8.8 A2C	3	8	133383	TORSION SPRING	1
3	7451680109	WASHER B6.4-140HV A2C	3	9	0000801369	ROTARY SHAFT SEAL	1
4	0000802765	BREATHER VALVE	1	10	0000801368	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				

521T - PULLEY

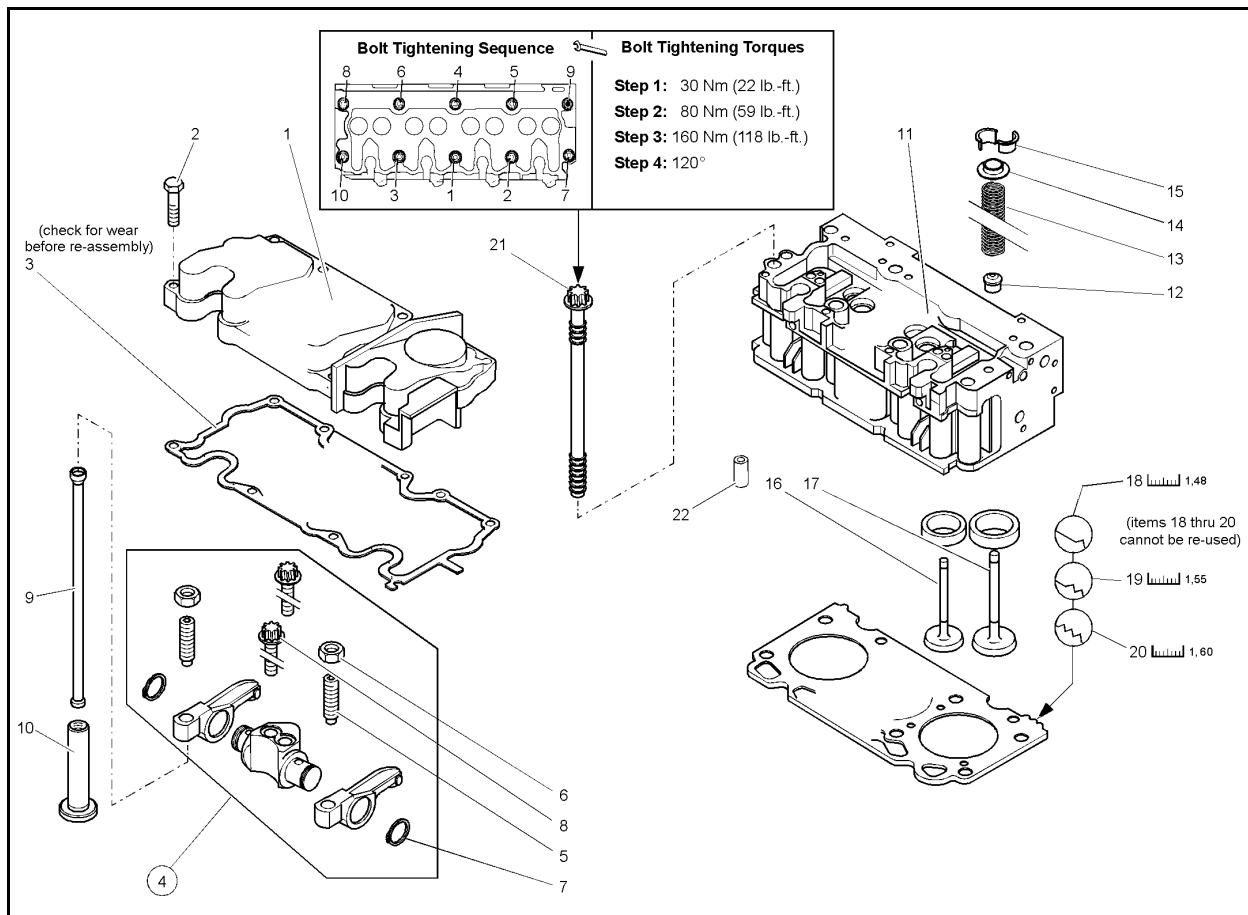
1000137530



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

521T - CYLINDER HEAD & VALVE COVER

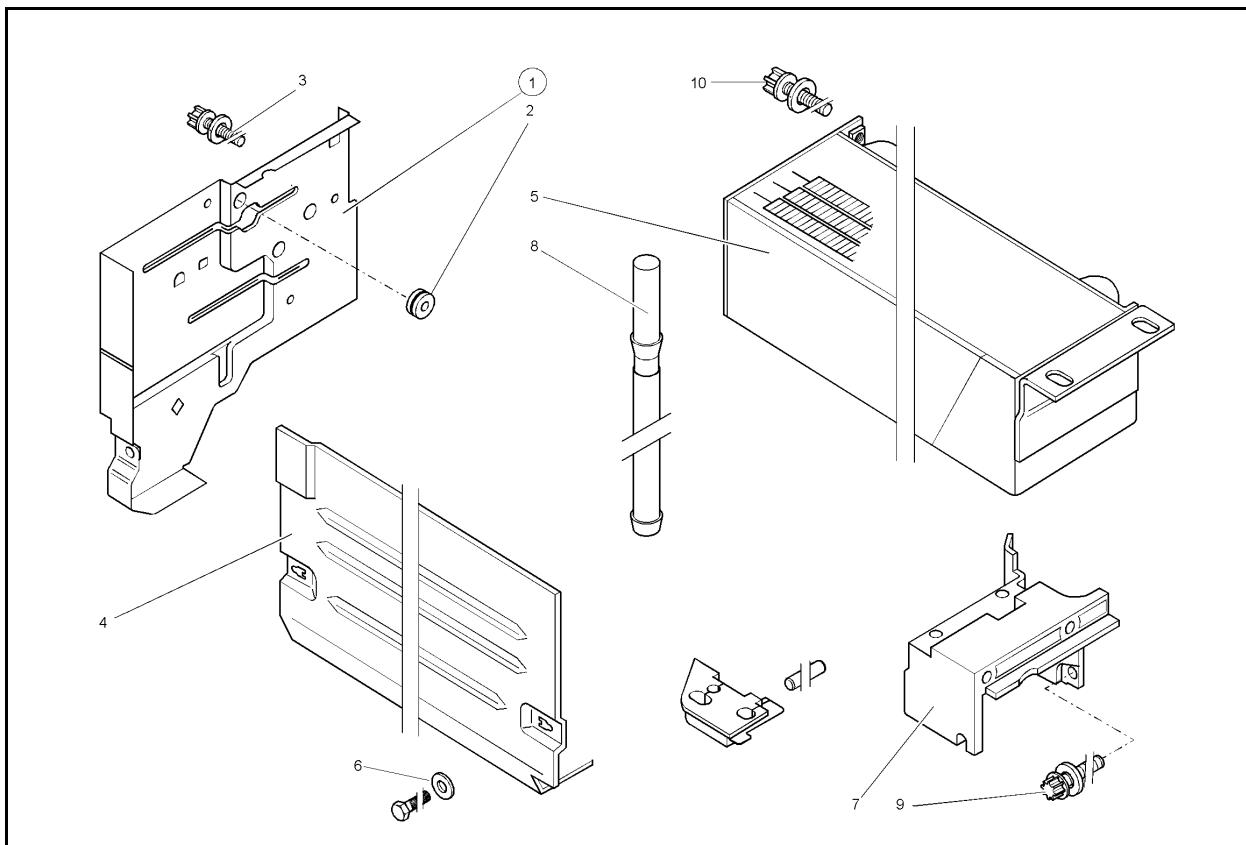
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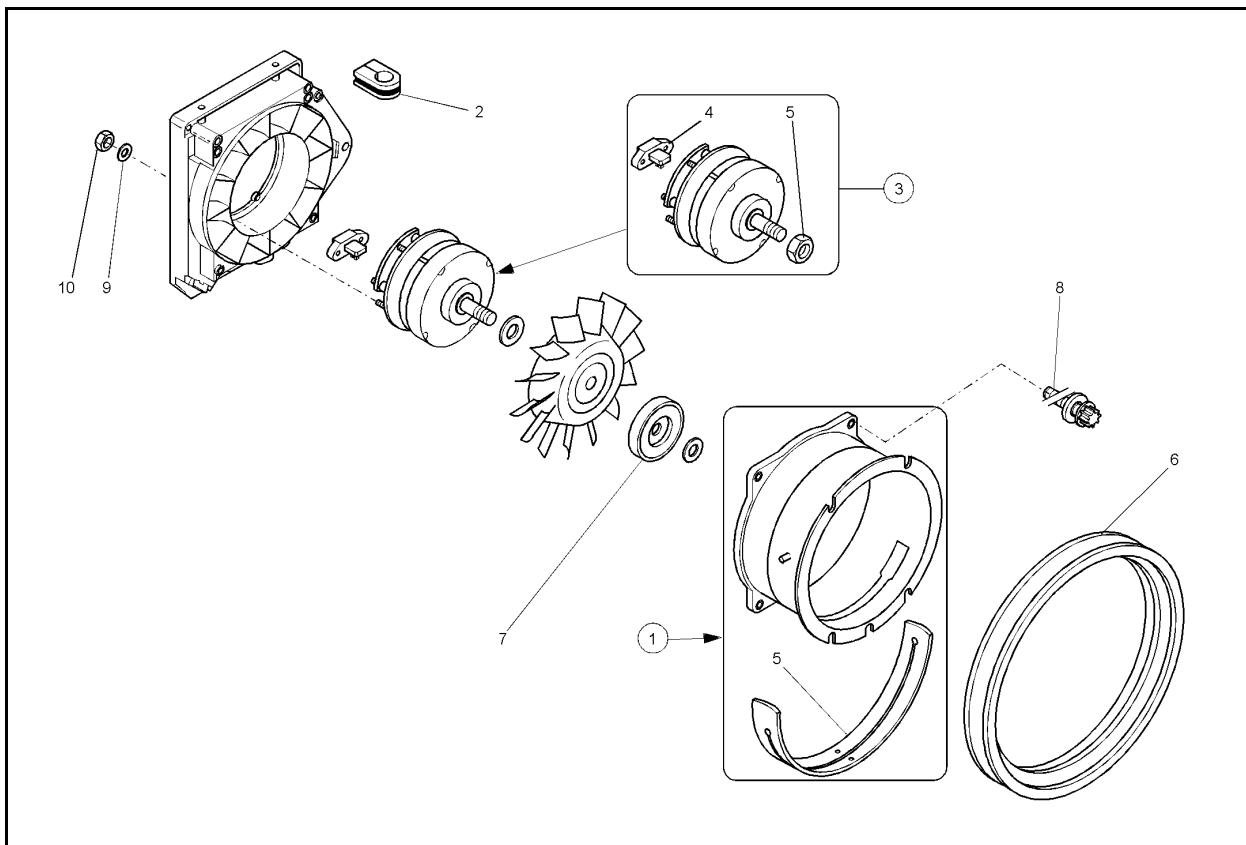
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	133565	VALVE COVER	1	12	0000801929	VALVE STEM SEAL	8
2	656128	CS M6-1 X 30 C8.8 ZY	10	13	0000802658	COMPRESSION SPRING	8
3	0000802903	VALVE COVER GASKET	1	14	187148	SPRING CAP	8
4	0000801953	ROCKER ARM BRACKET	3	15	133322	VALVE CONE	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

521T - OIL COOLER INSTALLATION

1000137440



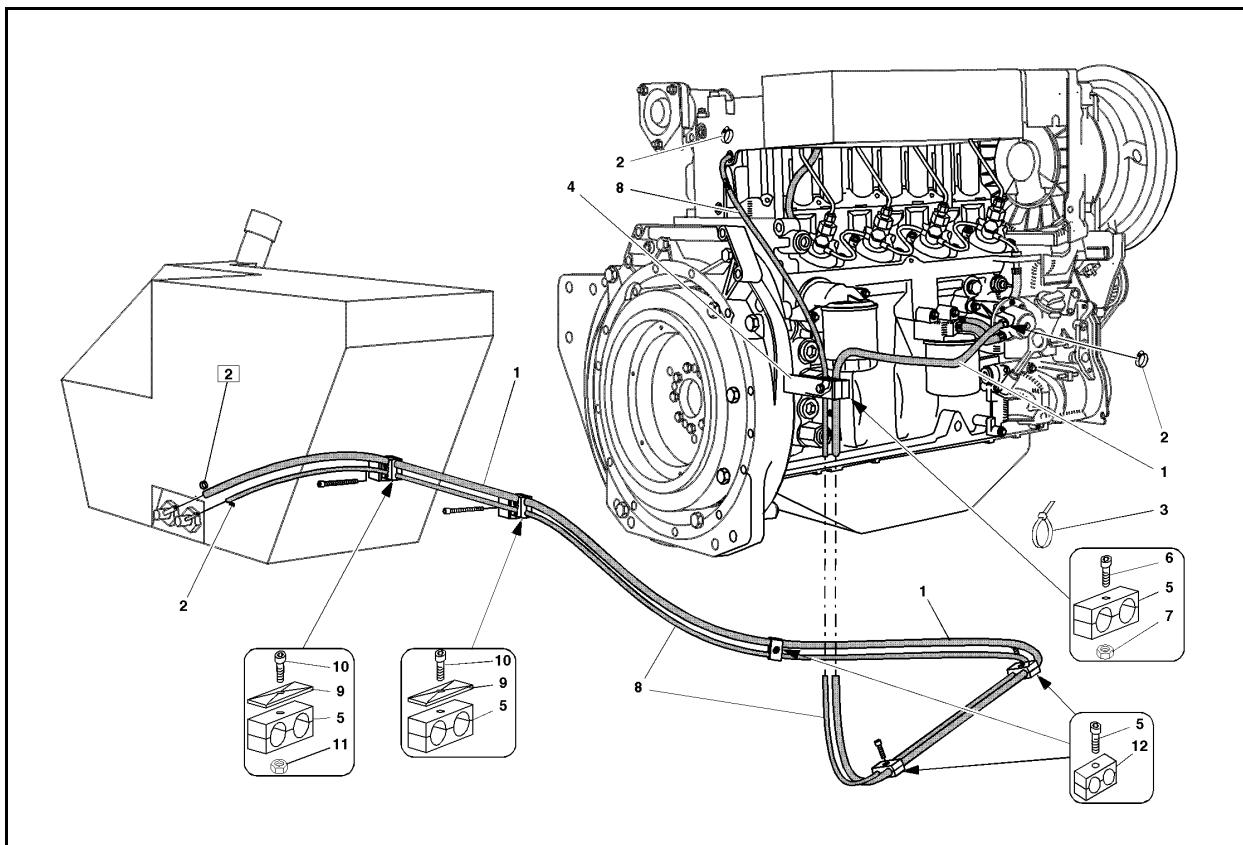
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802751	COVER	1	6 7460094005	WASHER 8.4	2
2 0000801851	GROMMET 13.5 X 17 X 1.5	1	7 0000802749	AIR GUIDANCE	1
3 0000802671	TORX HEAD SCREW M8 X 20	3	8 0000802672	CONNECTING PIECE	2
4 0000802918	HOOD	1	9 0000801893	TORX HEAD SCREW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



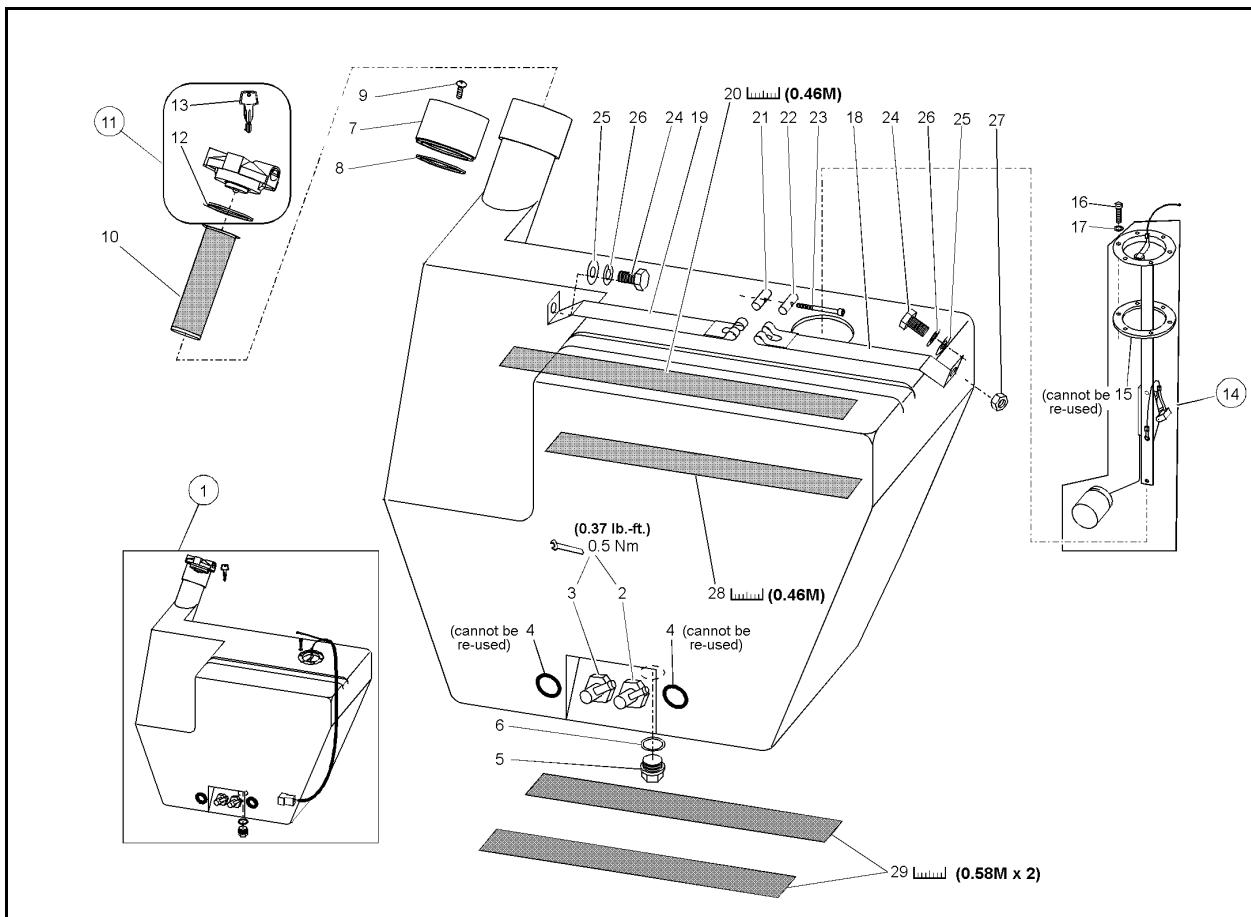
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802913	BLOWER JACKET/FRONT	1	6 0000802743	PROFILE 118	1
2 0000801951	RUBBER SLEEVE	2	7 0000802001	BELT PULLEY	1
3 0000809493	ALTERNATOR (80A)	1	8 0000802915	TORX HEAD SCREW M8 X 30-8.8	4
4 0000808898	GOVERNOR	1	9 7451680108	WASHER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

521T - FUEL LINE

1000137442



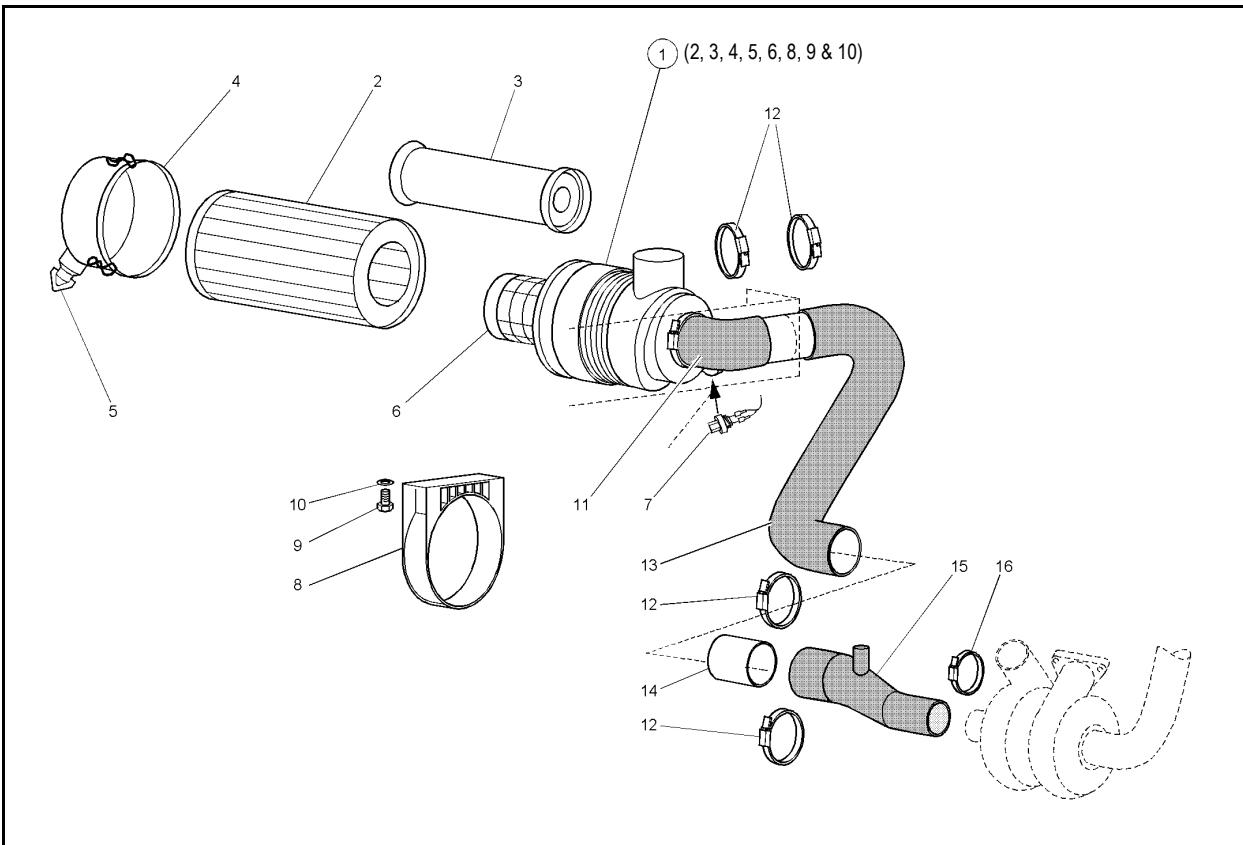
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205619	HOSE D 8 X 3 (1.0 M)	1	7	656048	HN M8-1.25 C8 ZY DIN934	1
2	0009937750	CLAMP 10/7	4	8	205620	HOSE D 5.5 X 2.5 (1.0 M)	1
3	0009933315	CABLE STRAP 142 X 3.6	3	9	0009930585	COVER PLATE GD 2 D	2
4	1380830140	BRACKET	1	10	651438	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



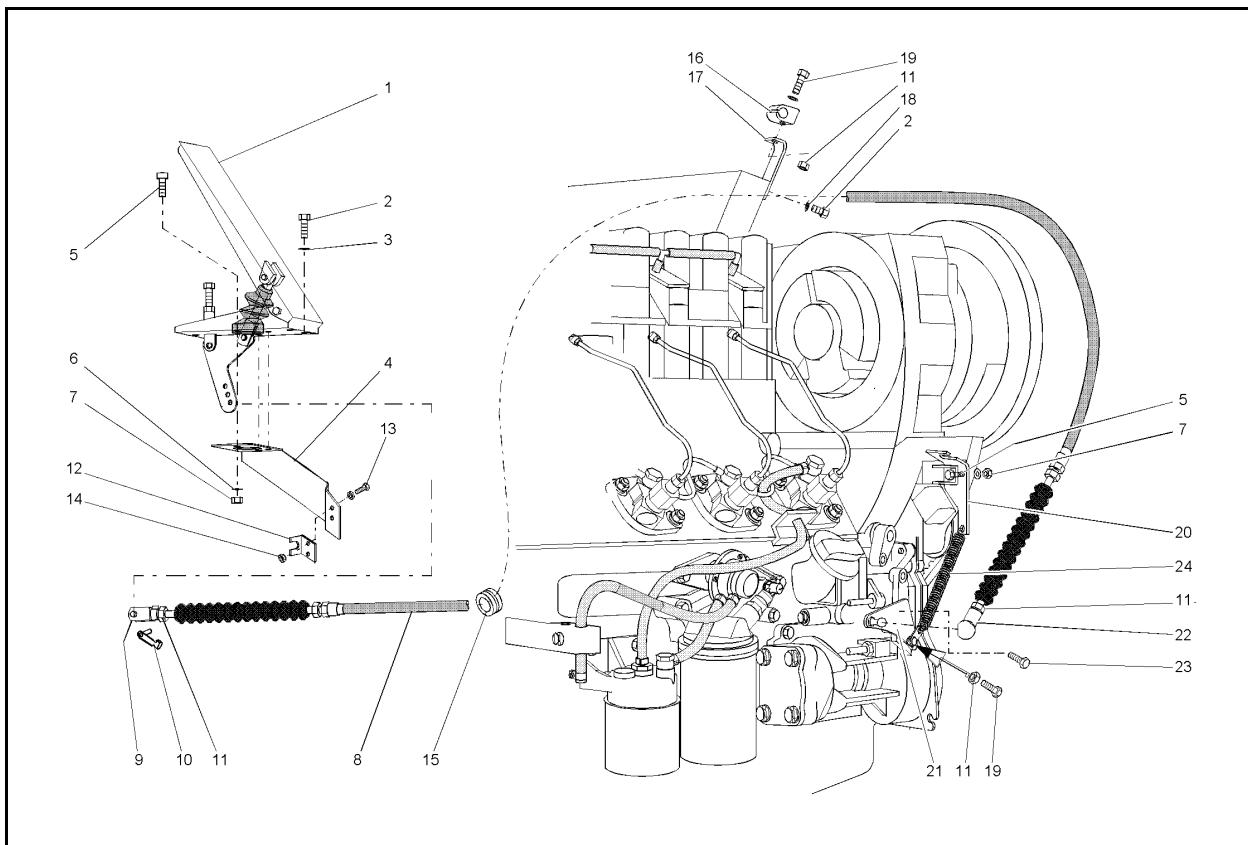
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0371600103	FUEL TANK COMPLETE	1	16	651421	CS M4-0.7 X 16 C8.8 ZY	6
2	0361610143	FITTING 3-G1/2	1	17	0009923728	SPRING WASHER VSK 4	6
3	0361610243	FITTING 5.6-G1/2	1	18	1009939111	TIGHTENING STRAP	1
4	0009966770	O-RING 18.42 X 5.33	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				

521T - AIR INTAKE SYSTEM

1000137444



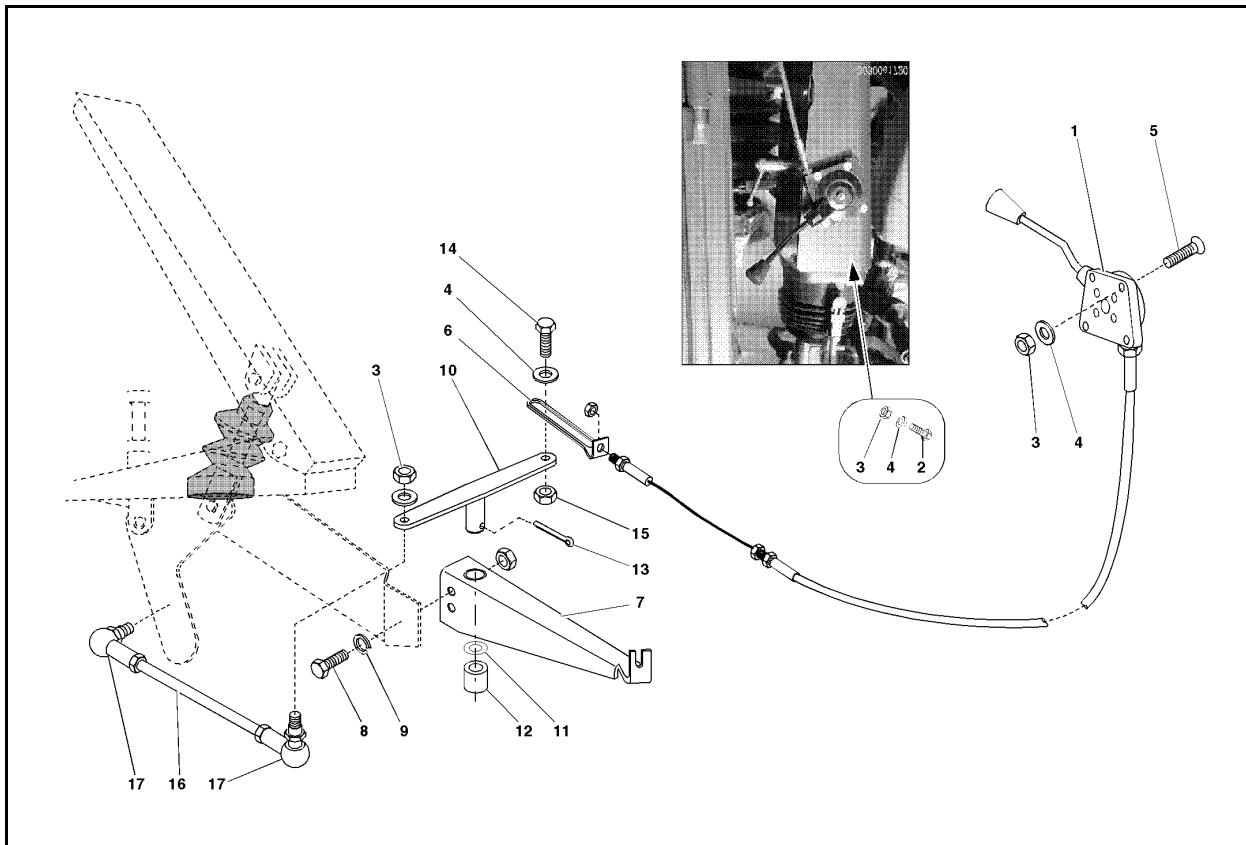
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0009938001	AIR FILTER COMPLETE	1	9	656105	CS M8-1.25 X 25 C8.8 ZY	2
2	0000805187	AIR FILTER ELEMENT/OUTER	1	10	7462680011	WASHER 8.4 ST A2C	2
3	0000805188	AIR FILTER ELEMENT/INNER	1	11	0381010318	PRE-SHAPED HOSE	1
4	0000807545	COVER	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

521T - HAND THROTTLE

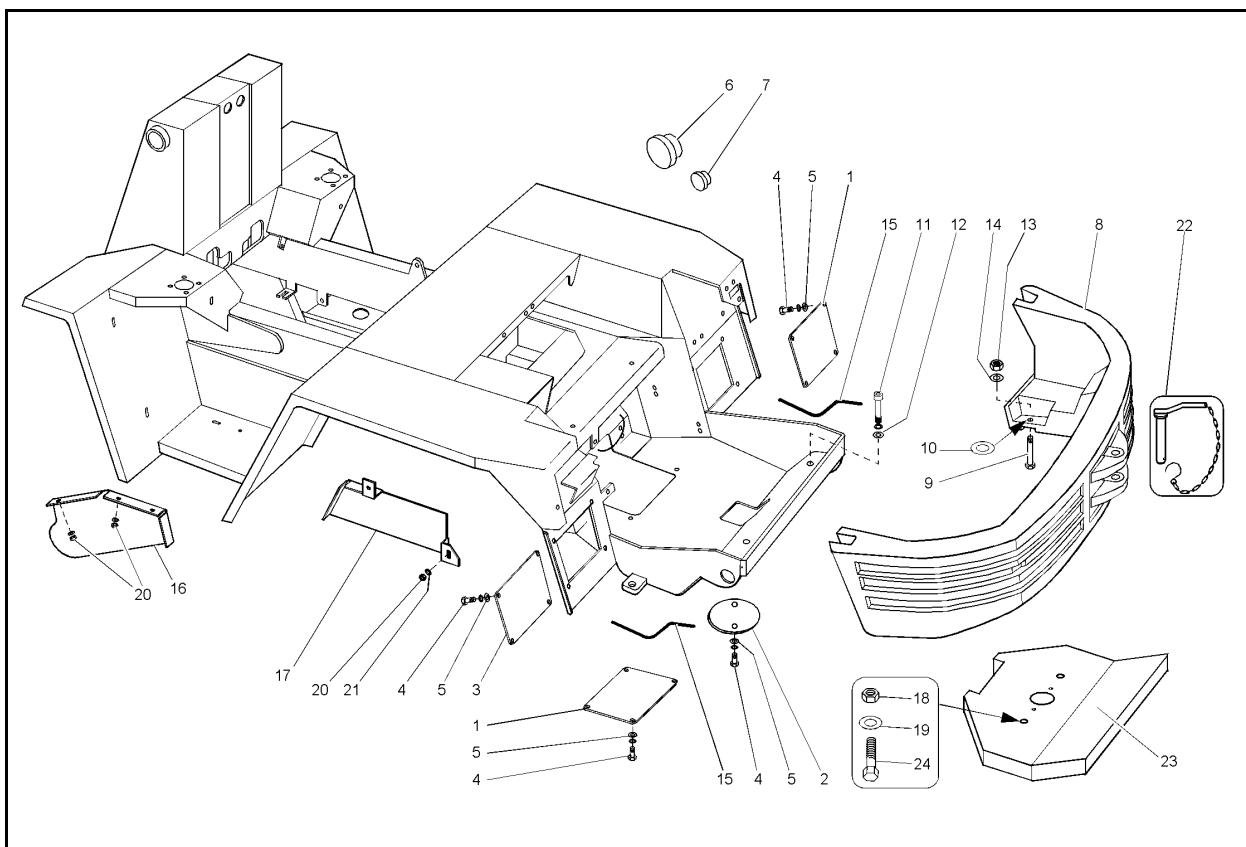
1000137446



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

521T - FRAME/COUNTERWEIGHT

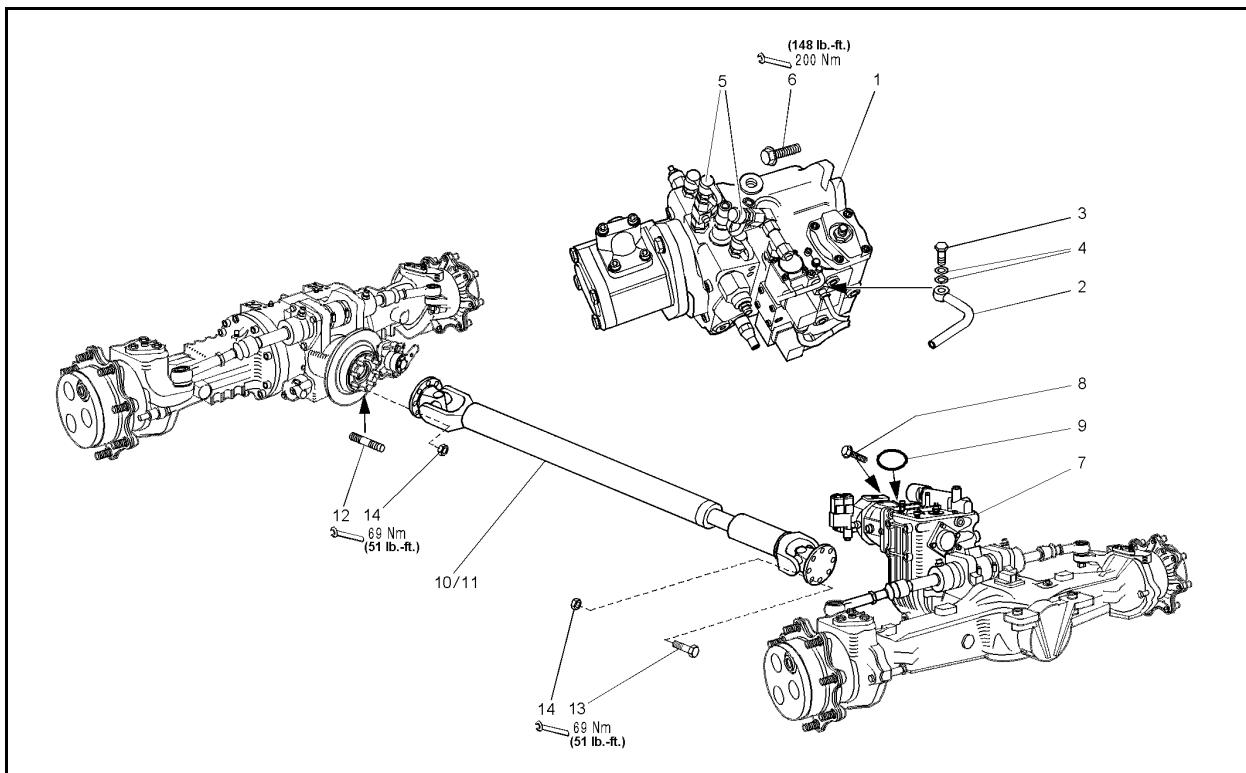
1000138102



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 0163070021	COVER	1	15 0009966386	PROFILE	2
3 1383050226	COVER	2	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 656052	HLN INS M16-2 C8 ZY	2
8 0382051212	COUNTERWEIGHT	1	19 161648	WASHER GR A17 ZO DIN7394	4
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 7234677186	HS M16 X 170	2

521T - VARIABLE DISPLACEMENT PUMP INSTALLATION

1000137448



Ref.

No. Part No.

Description

Qty.

1	0003616698	VARIABLE DISPLACEMENT PUMP See page 32 for individual components	1
2	0383606991	BREATHER LINE	1
3	0009912823	BANJO BOLT	1
4	7593641006	SEALING RING	2
5	0003635664	TEST CONNECTION M12 X 1.5 A3C	2
6	0009953268	SCREW M16 X 35	2
7	0003611403	VARIABLE DISPLACEMENT MOTOR See page 34 for individual components	1

Ref.

No. Part No.

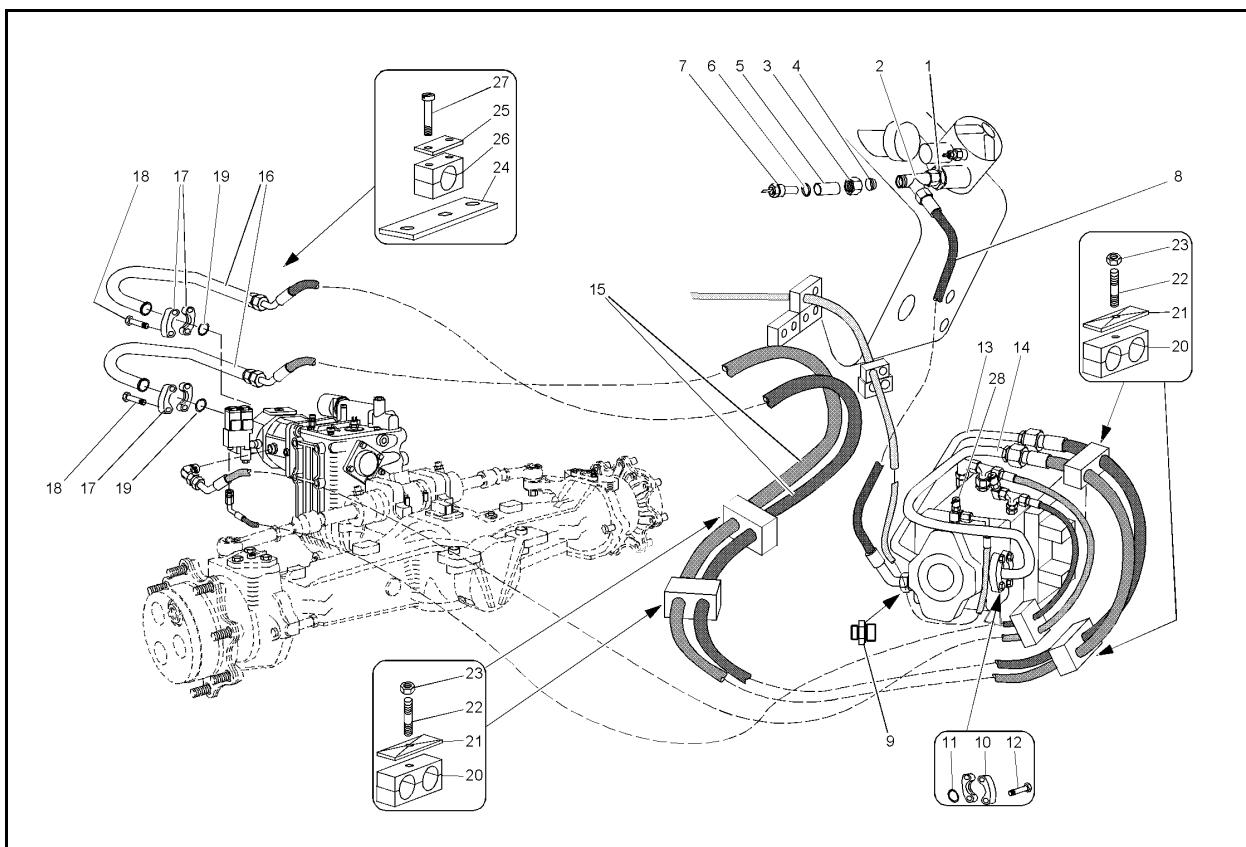
Description

Qty.

8	0009959068	SCREW M12 X 40-8.8 A3C	4
9	0009965370	O-RING 139.37 X 2.62	1
10	0002295322	DRIVESHAFT (12.5 MPH)	1
11	0002294522	DRIVESHAFT (25 MPH)	1
12	208421	STUD BOLT	8
13	656008	CS M10-1.5 X 30 C8.8 ZY DIN931	8
14	7409678208	HN M10-10 V A2F	16

521T - DRIVE HYDRAULICS INSTALLATION

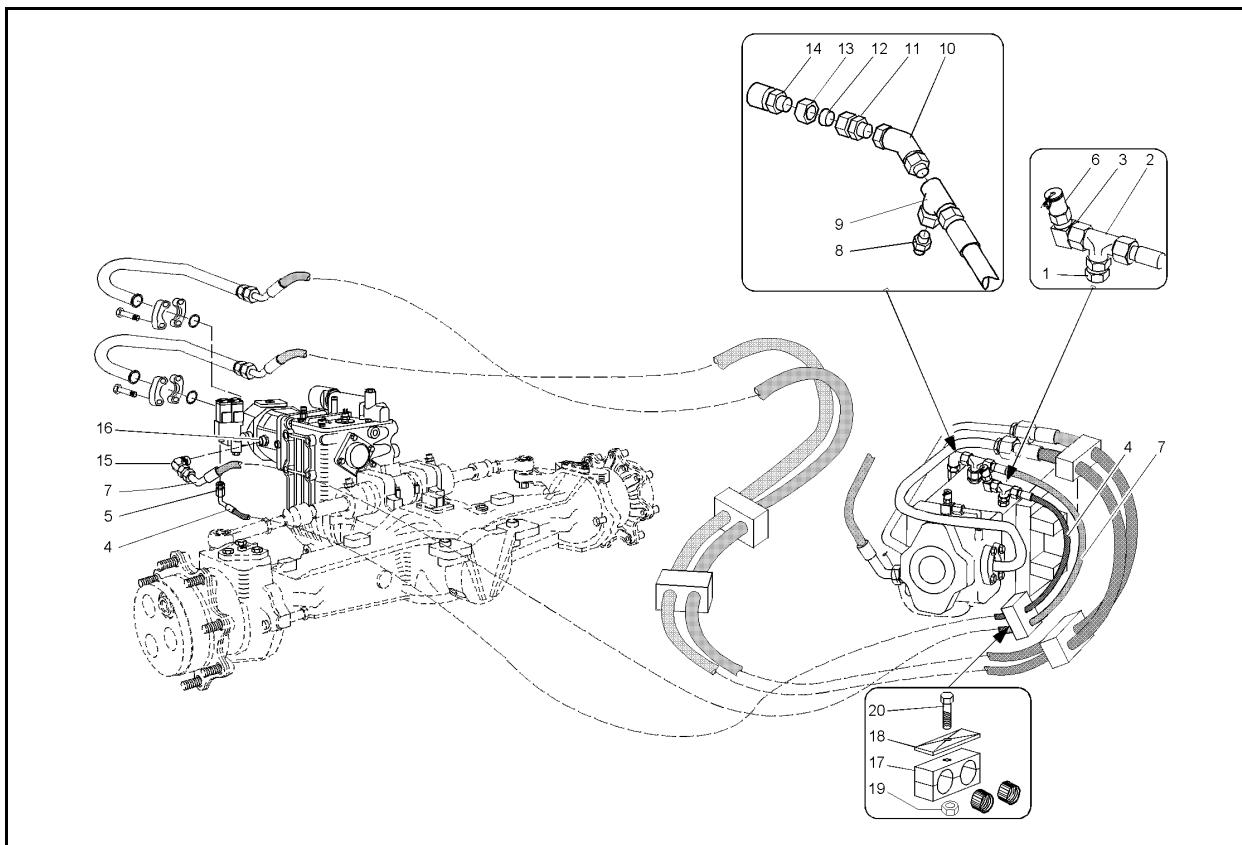
1000137449



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

521T - DRIVE PILOT INSTALLATION

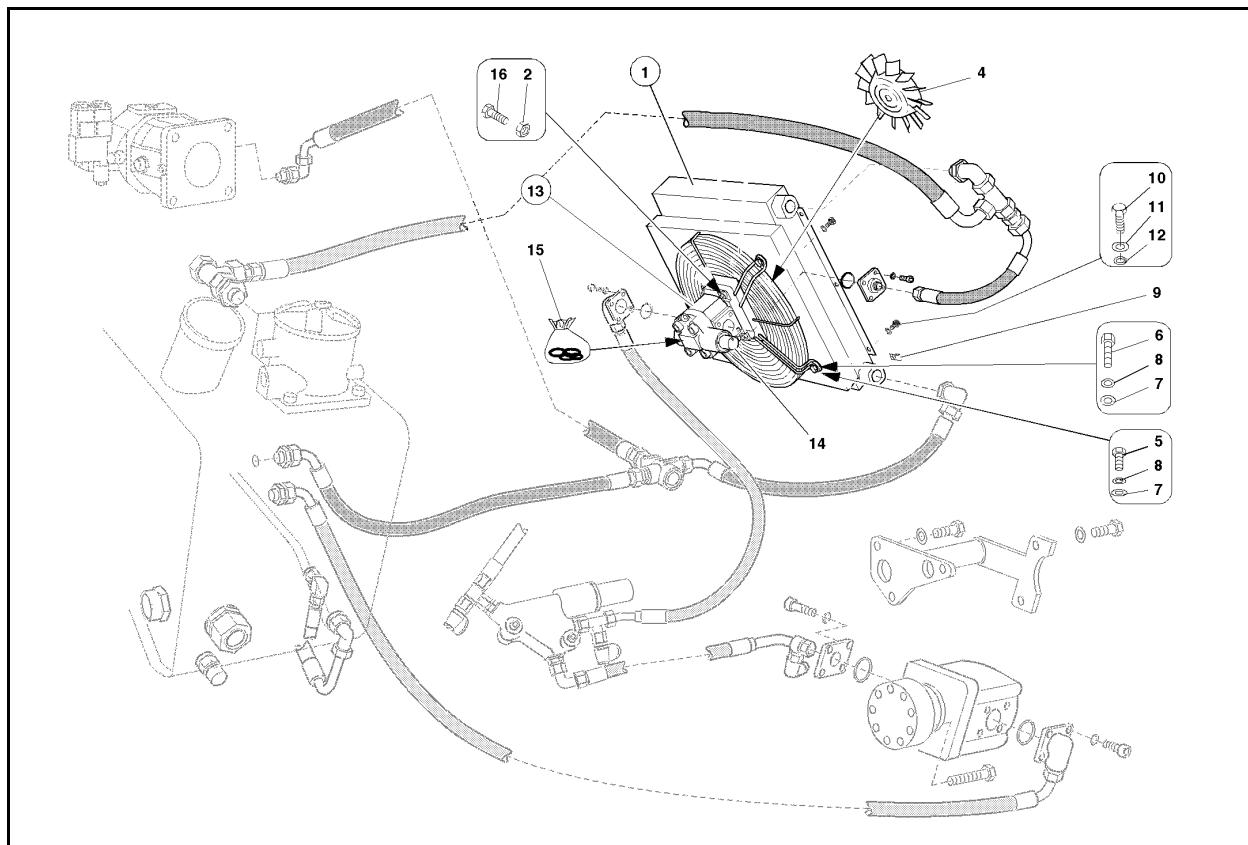
1000137450



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

521T - HYDRAULIC MOTOR OIL COOLER

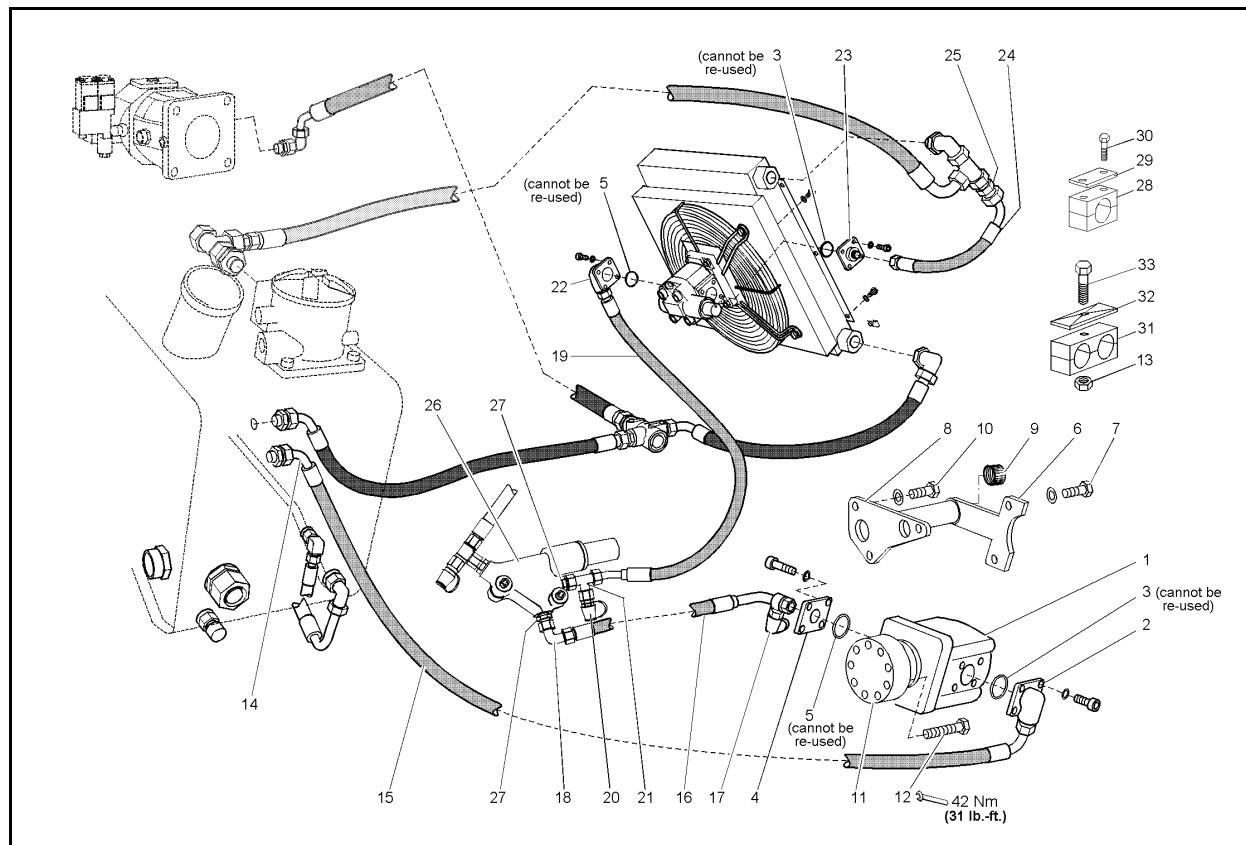
1000137451



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			

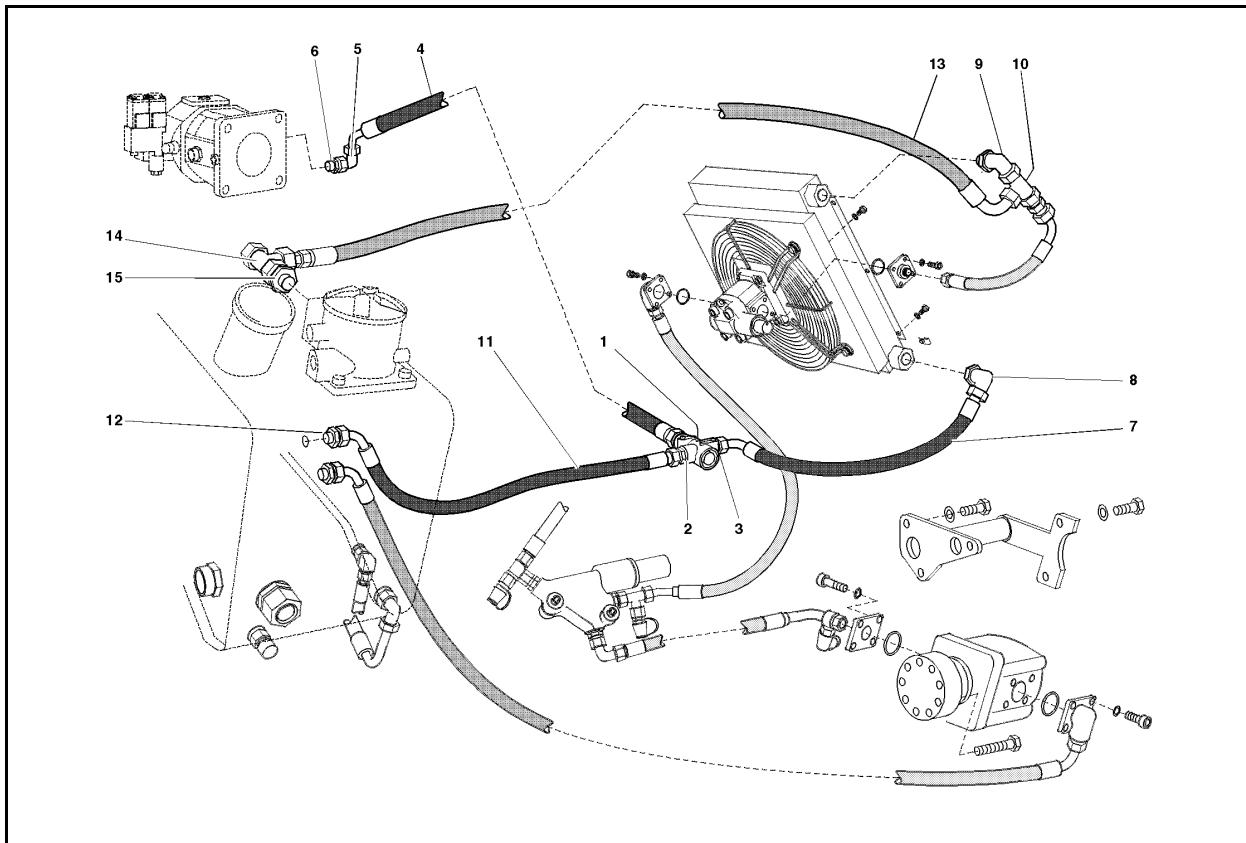
521T - HYDRAULIC MOTOR OIL COOLER INSTALLATION

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				

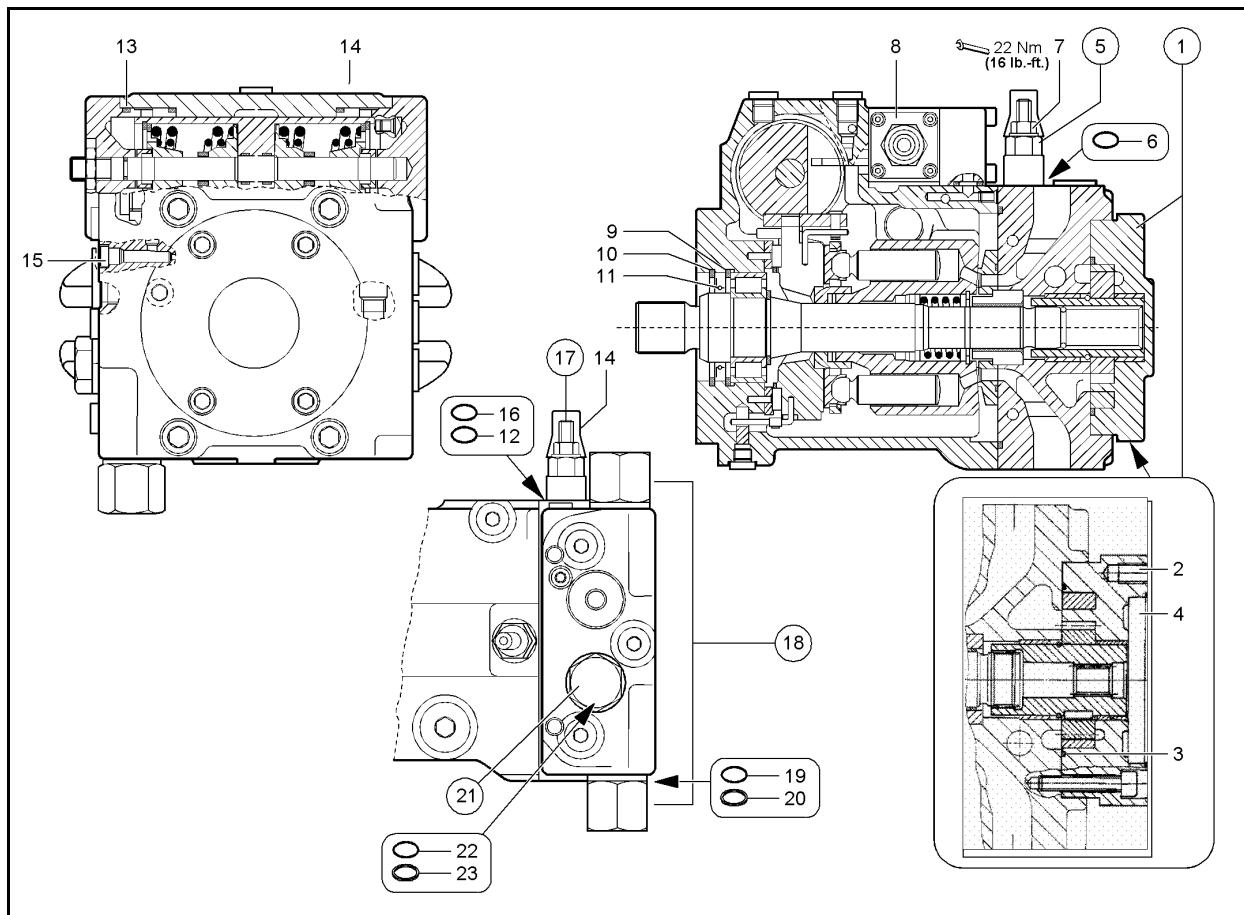
521T - HYDRAULIC MOTOR OIL COOLER INSTALLATION (CONT'D)
1000137453



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			

521T - VARIABLE DISPLACEMENT PUMP

1000137454

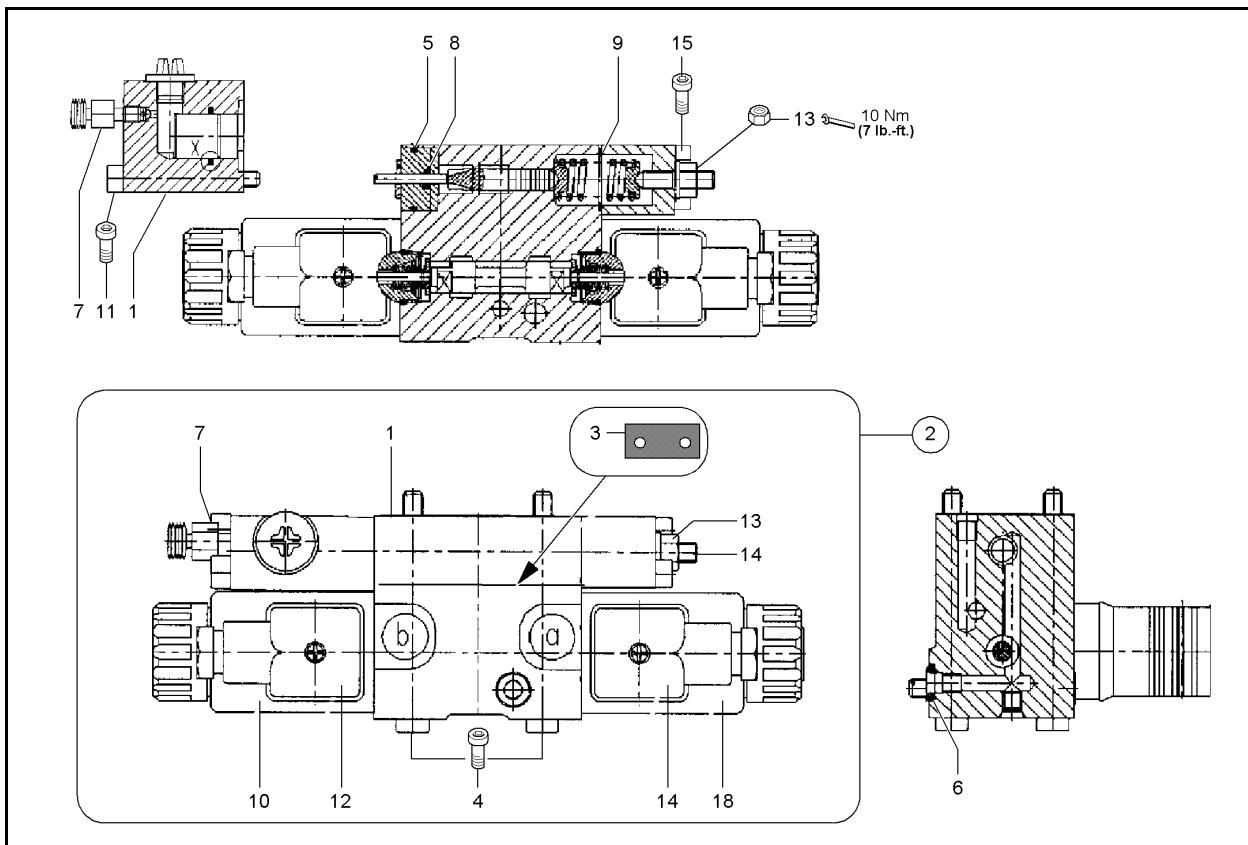


Ref.

No.	Part No.	Description	Qty.
1	203862	INTERIOR GEAR PUMP SET	1
2	164911	SCREW	4
3	0000802127	SEALING RING	1
4	203861	O-RING	1
5	203867	CONTROLLER CARTRIDGE	1
6	0009963171	O-RING 29.82 X 2.62	1
7	0000805219	SEAL-LOCK COLLAR NUT M8	2
8	203865	CONTROLLER	1
9	0000808889	CIRCLIP	1
10	0000808891	CIRCLIP	1
11	0000809014	ROTARY SHAFT LIPSEAL	1
12	0000805218	O-RING 6.07 X 1.78	1

Ref.

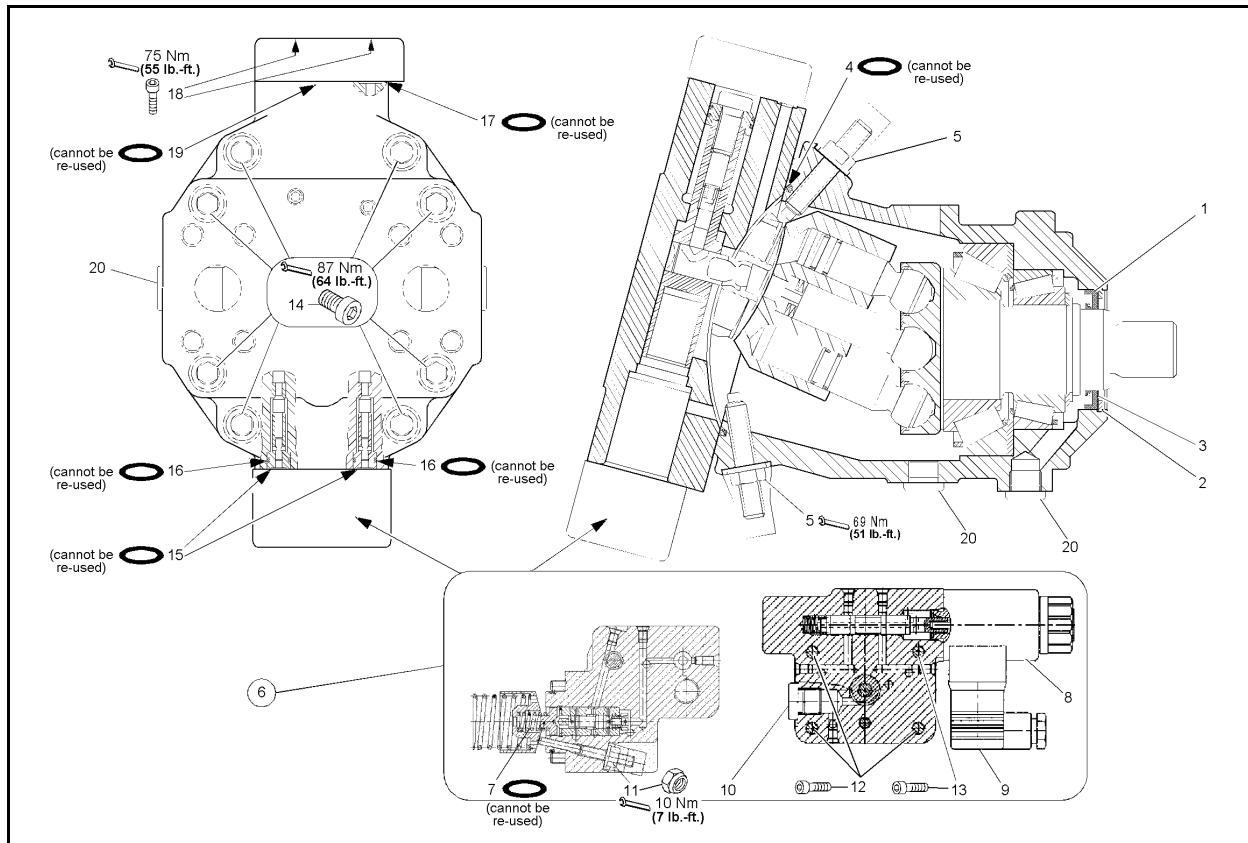
No.	Part No.	Description	Qty.
13	0000808871	O-RING	2
14	0009961652	END-SEAL CAP M8 X 32	2
15	0000805206	NOZZLE	1
16	0000805221	O-RING 12.37 X 2.62	1
17	0000808884	CUT-OFF VALVE	1
18	0000808863	PRESSURE RELIEF VALVE	2
19	0000805217	O-RING 23.47 X 2.62	1
20	0000805220	PROP RING 20.1 X 1.4	1
21	0000808864	PRESSURE RELIEF VALVE	1
22	0000808873	O-RING	1
23	0000809283	SEALING RING	1



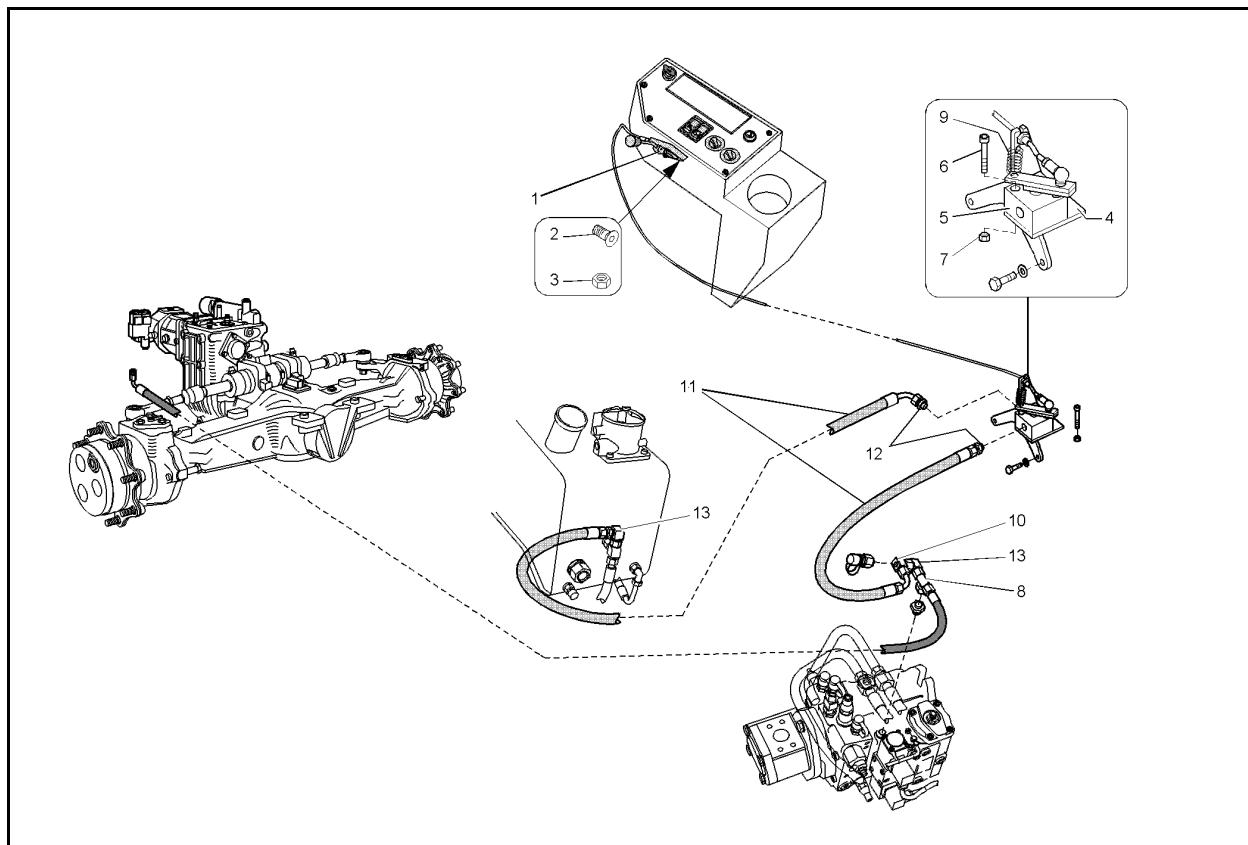
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000809234	INCHING DEVICE	1	9	0000808869	O-RING	1
2	0000809235	4/3 DIFFERENTIAL	1	10	0000809137	SOLENOID	2
3	0000802121	SEAL	1	11	651511	SHCS M6-1 X 50 C8.8 ZY	2
4	7252677580	SHCS M6 X 70-8.8 A2C	4	12	0000802096	SOCKET	1
5	0009967270	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				

521T - VARIABLE DISPLACEMENT MOTOR

1000137456



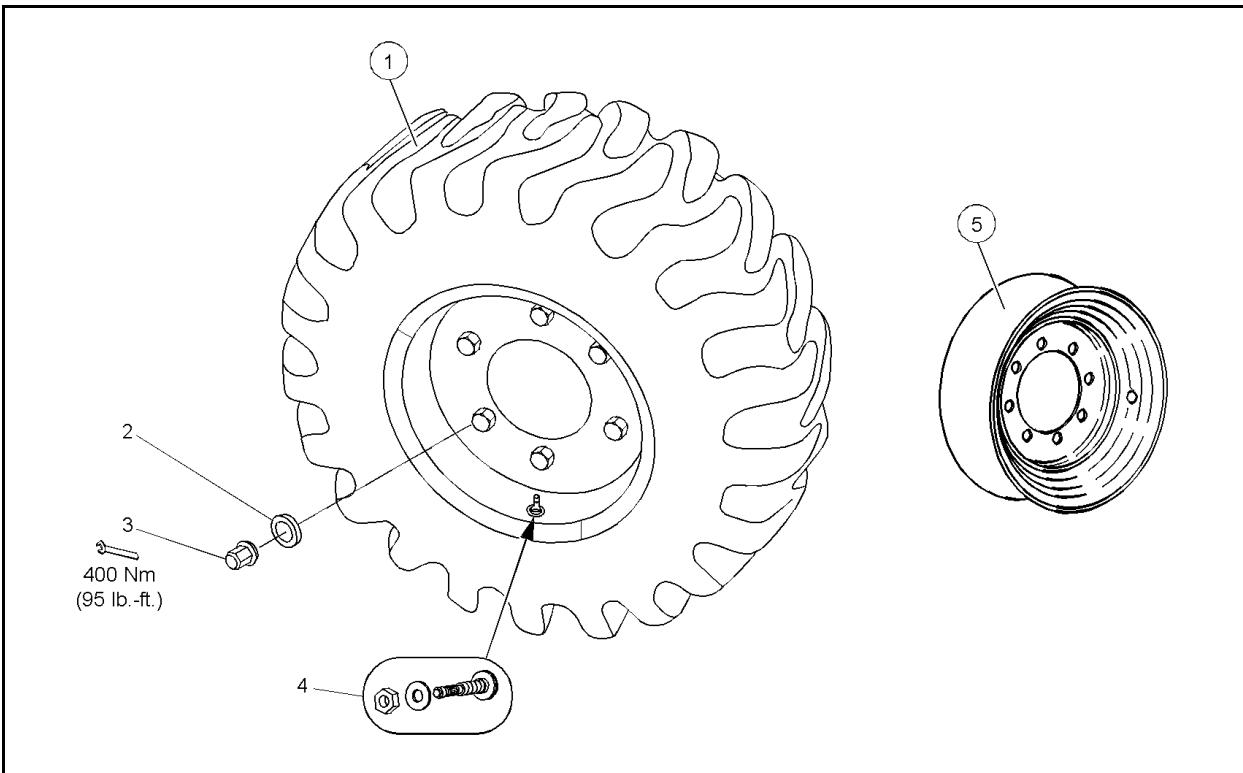
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000802129	ROTARY SHAFT SEAL	1	11 0000805233	SEAL-LOCK NUT M6	1
2 162491	WASHER	1	12 651511	SHCS M6-1 X 50 C8.8 ZY	3
3 7464680138	SUPPORTING WASHER 56 X 72 X 1	1	13 7252677618	SHCS M6 X 80-8.8 A2C	1
4 0009968770	O-RING 164.69 X 3.53	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



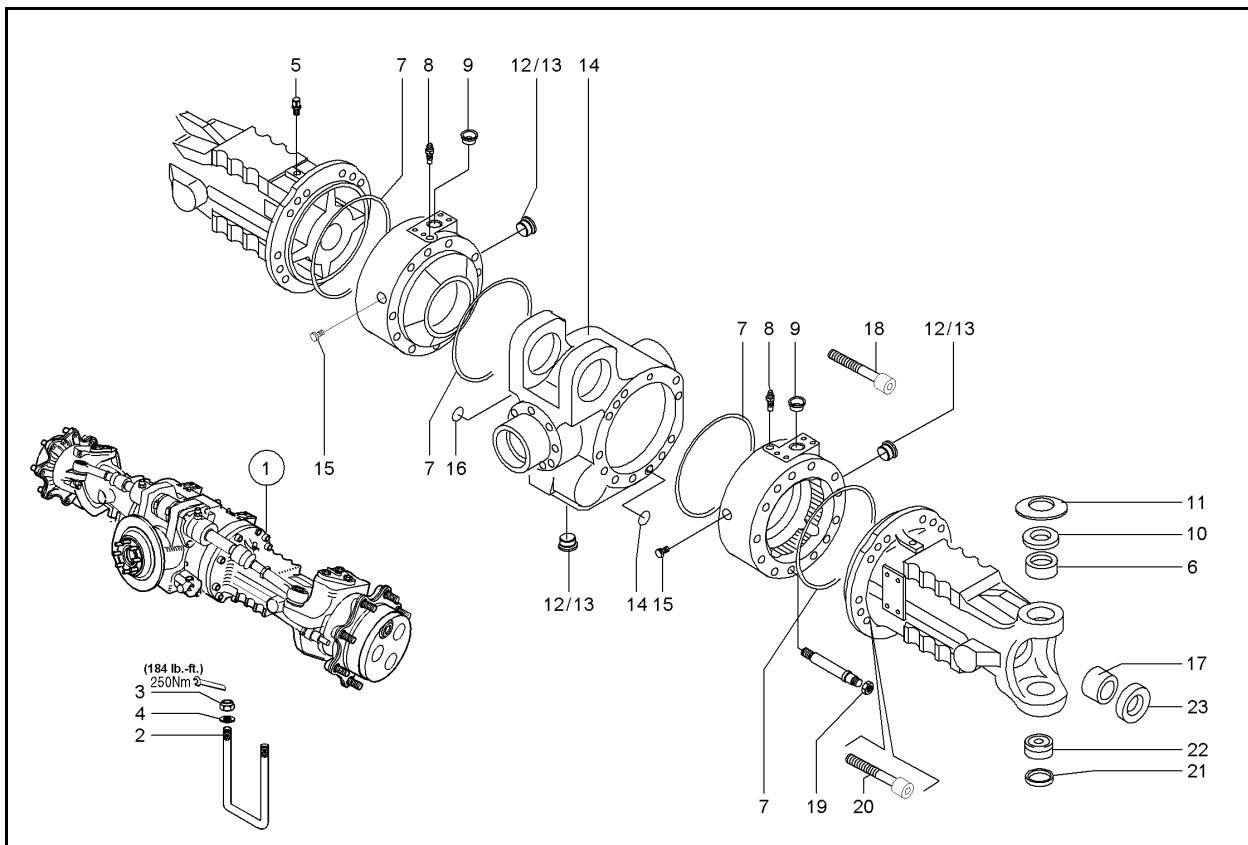
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0381700110	MANUAL THROTTLE COMPLETE	1	8 0003631620	SCREW CONN. ET 10L O.M S A3C	1
2 7272671155	SCREW M6 X 25-4.8 H A2C	4	9 0009924003	SPRING	1
3 656047	HN M6-1 C8 ZY	4	10 0003635017	SCREW CONNECTION	1
4 0383610340	BRACKET	1	11 0003659612	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			

521T - WHEELS AND TIRES

1000137487



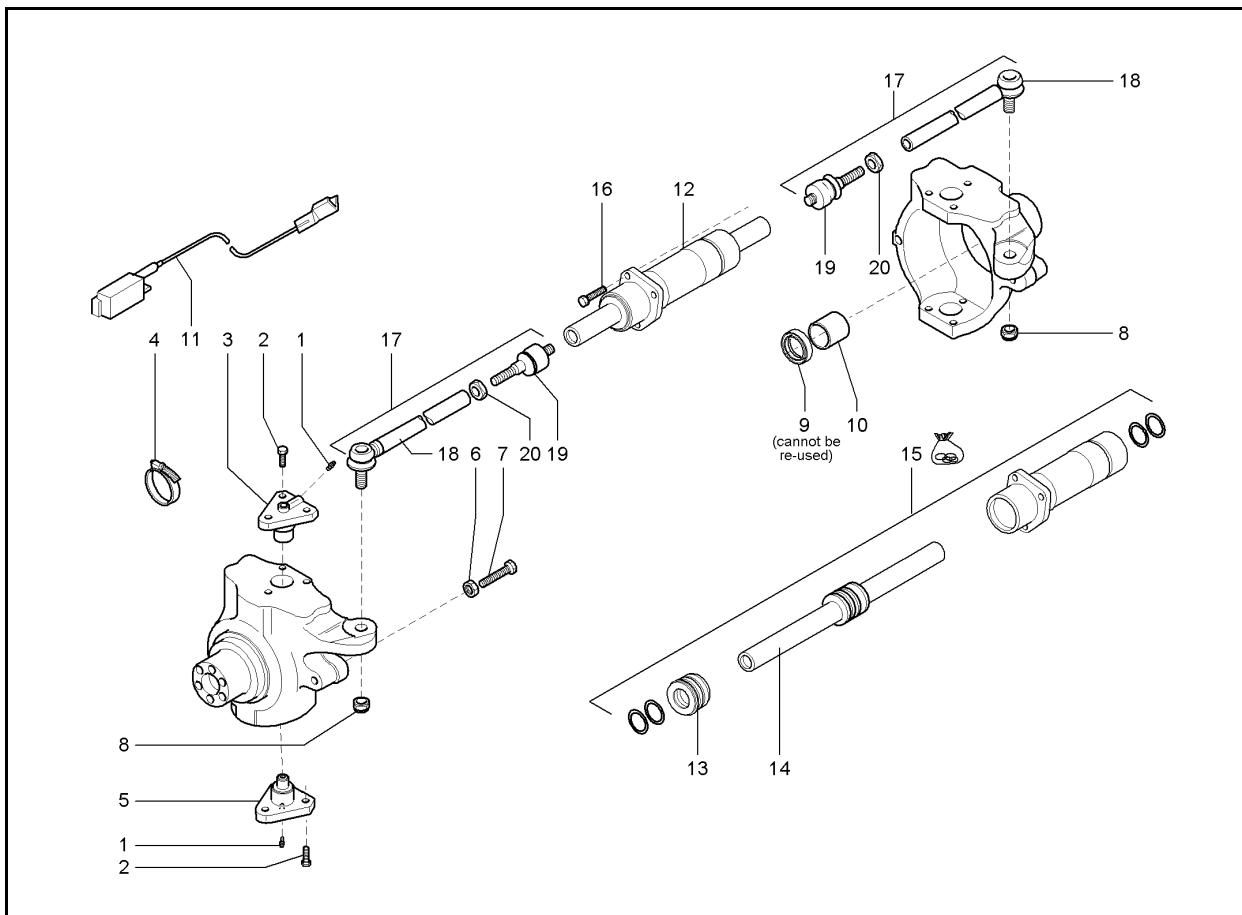
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003102411	WHEEL AND TIRE 375/75 R20 XZSL 143	4	4 0003111313	VALVE STEM	4
2 7686682004	SPRING WASHER C20.5-A3C	32	5 0003124207	WHEEL RIM 11 X 20 ET=20	4
3 208490	WHEEL NUT B20-8 A2C	32			



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		0000808593	SEAL (Axle #01000869 and before)	2
12	0000808620	PLUG	3				
13	0009962406	O-RING 27.6 X 2.4	3				

521T - FRONT AXLE STEERING

1000137459



Ref.

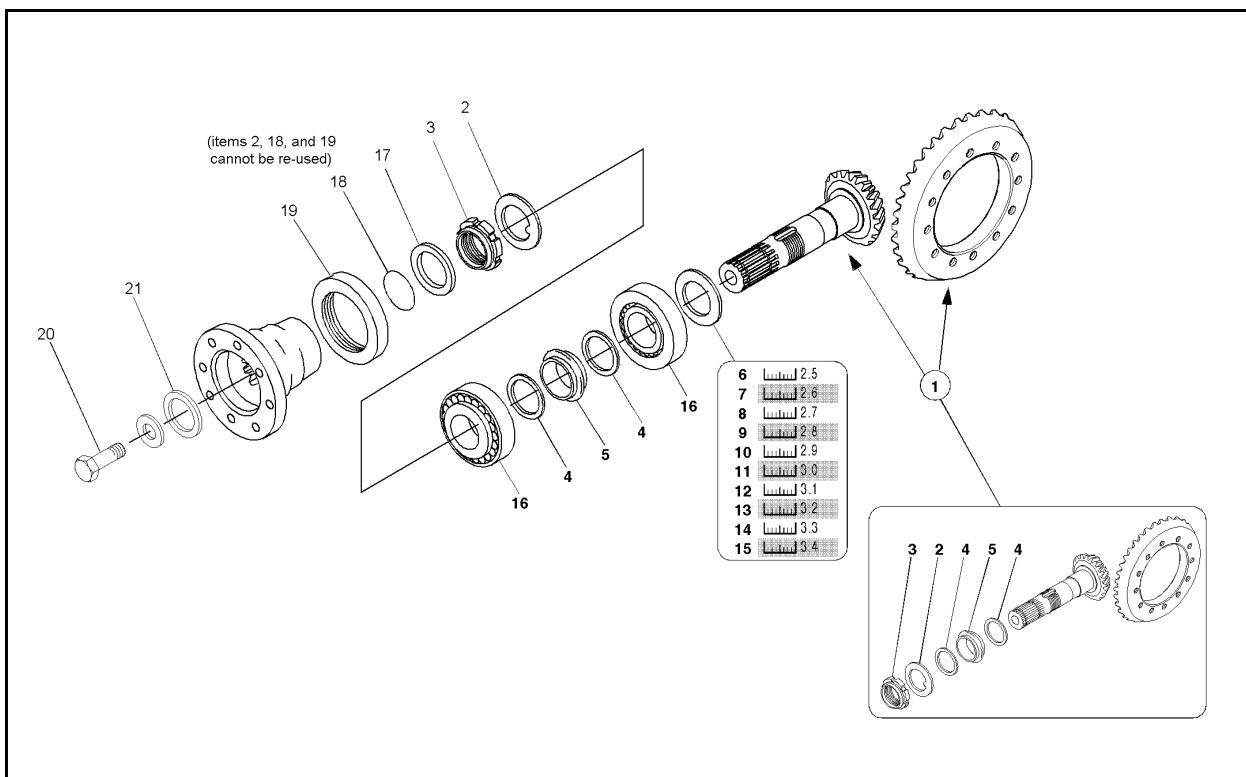
No.	Part No.	Description	Qty.
1	0000808523	GREASE ZERK	4
2	0000808650	SCREW	12
3	0000808660	SWIVEL PIN	2
4	0000808551	CLAMP	2
5	0000808661	SWIVEL PIN	2
6	0000808512	NUT	4
7	0000808619	SCREW	4
8	0000808515	NUT M20 X 1.5	2
9	208746	SEAL (Axle #01000890 and up)	1
	0000808606	SEAL (Axle #01000889 and before)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

521T - FRONT AXLE GEAR DRIVE

1000137460



Ref.

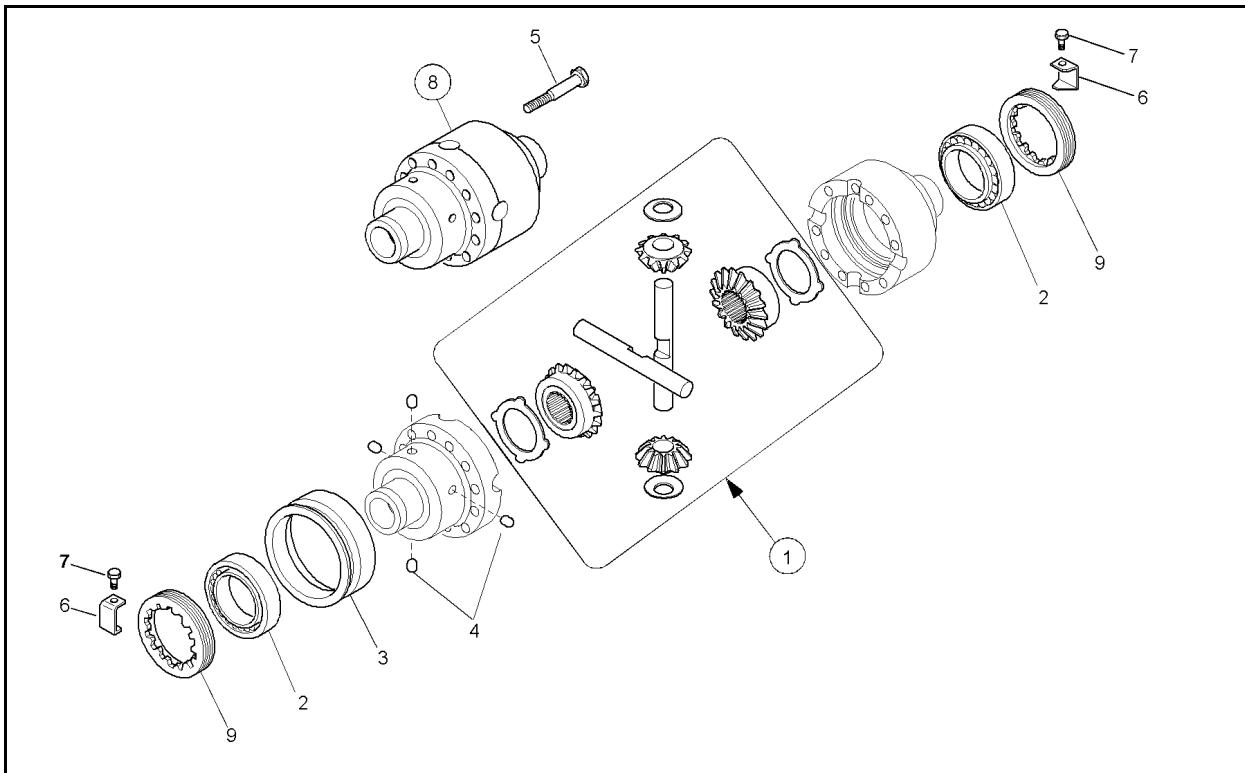
No.	Part No.	Description	Qty.
1	0000808993	BEVEL GEAR AND SHAFT	1
2	0000808587	WASHER	1
3	0000808588	CLAMP M40 X 1.5	1
4	0000808638	WASHER	2
5	0000808636	SPACER RING	1
6	0000808678	SHIM (2.5MM)	AR
7	0000808679	SHIM (2.6MM)	AR
8	0000808680	SHIM (2.7MM)	AR
9	0000808681	SHIM (2.8MM)	AR
10	0000808682	SHIM (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

521T - FRONT AXLE DIFFERENTIAL

1000137461



Ref.

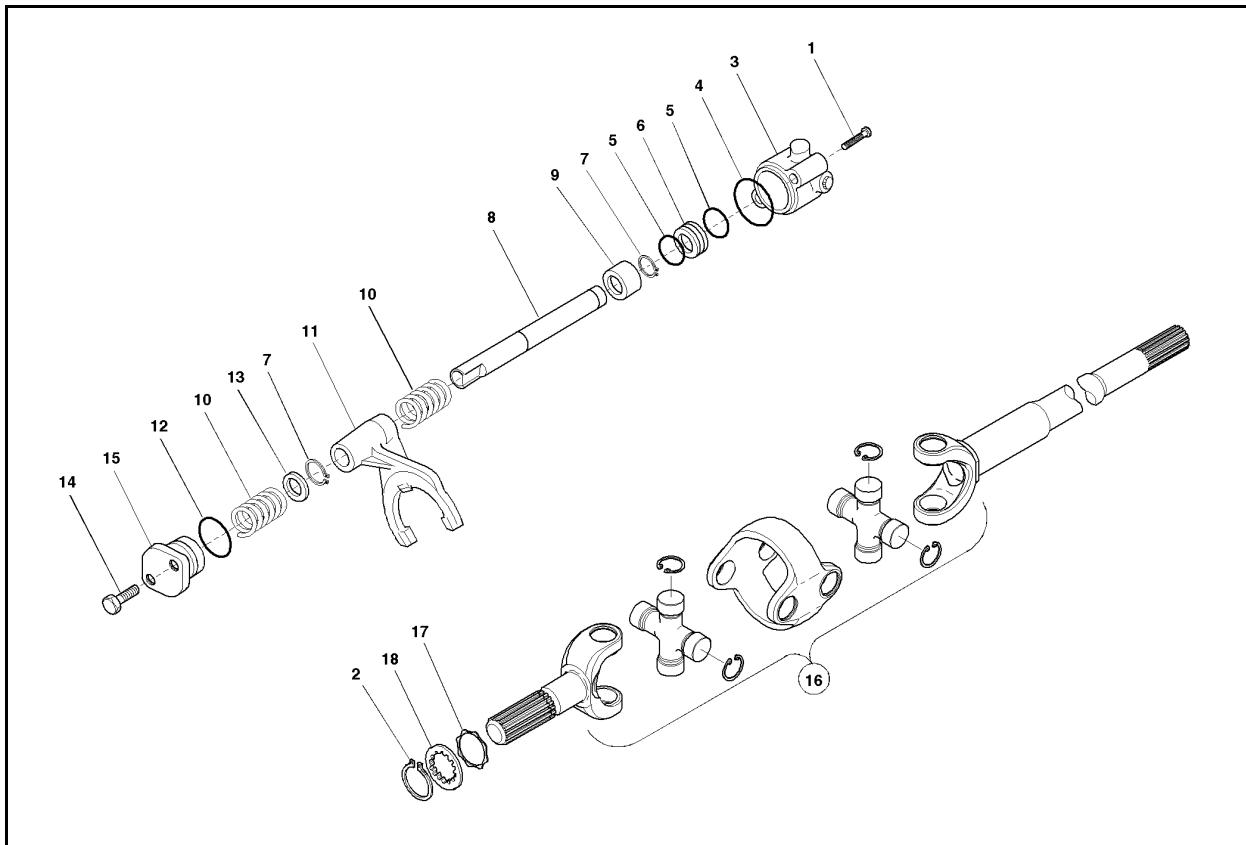
No.	Part No.	Description	Qty.
1	0000808569	BEVEL GEAR SET	1
2	0000808538	BEARING	2
3	0000808696	SLEEVE	1
4	0000808662	STUD	4
5	0000808623	SCREW M10 X 75	12

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

521T - FRONT AXLE DIFFERENTIAL LOCK

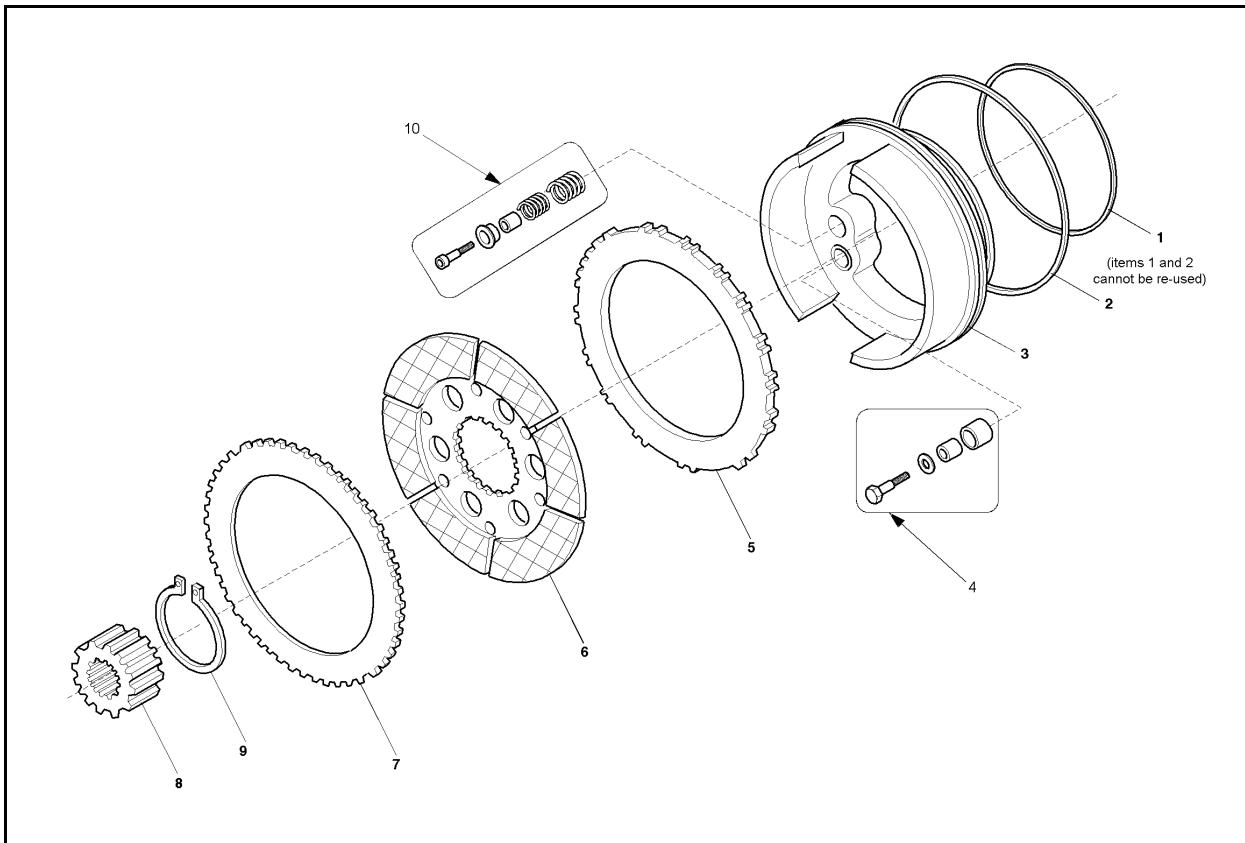
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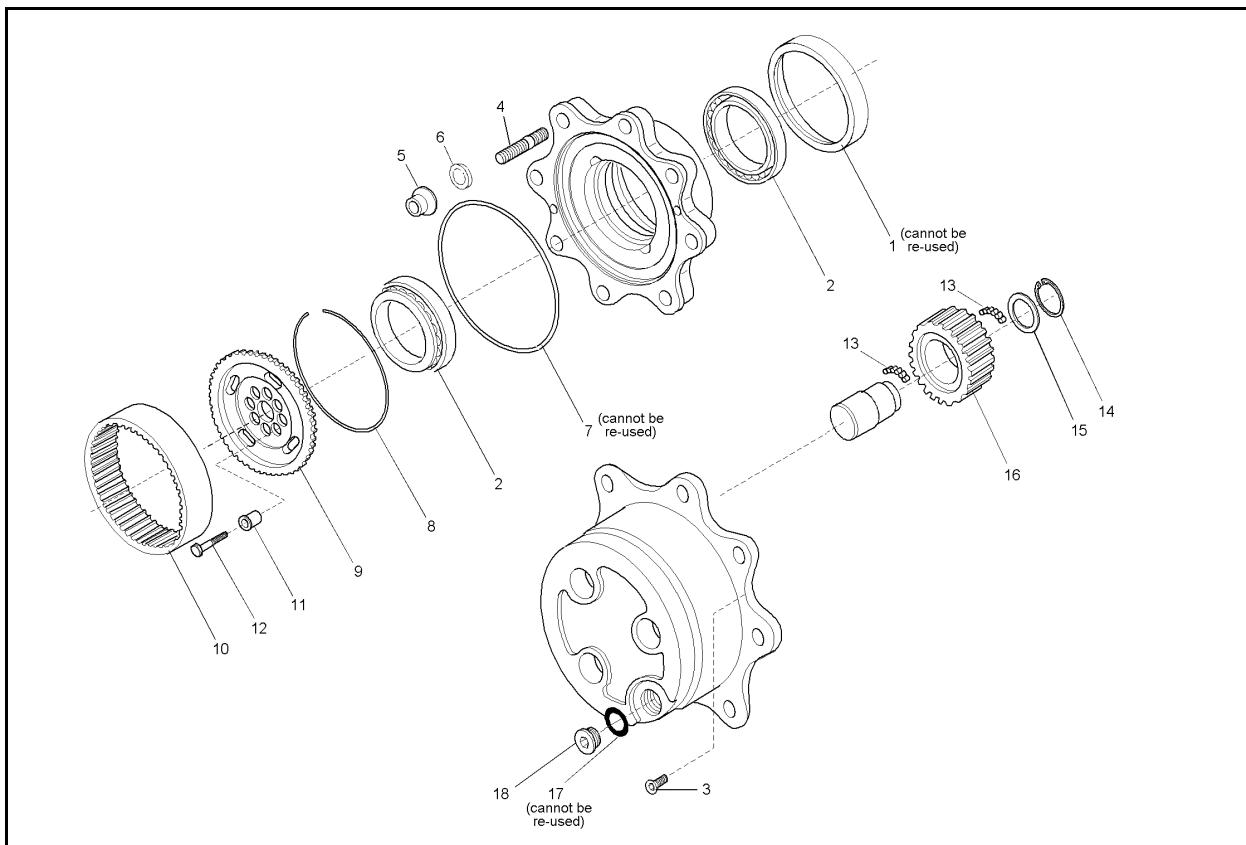
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	651439	HB M8-1.25 X 80 C8.8 ZY	2	10	0000808635	SPRING	2
2	7490682045	CIRCLIP 45 X 1.75	2	11	0000809322	FORK	1
3	0000808722	HOUSING	1	12	0000808556	O-RING	1
4	0000808553	O-RING	1	13	0000808727	SPACER	1
5	0000808545	O-RING	2	14	656094	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

521T - BRAKE

1000137463



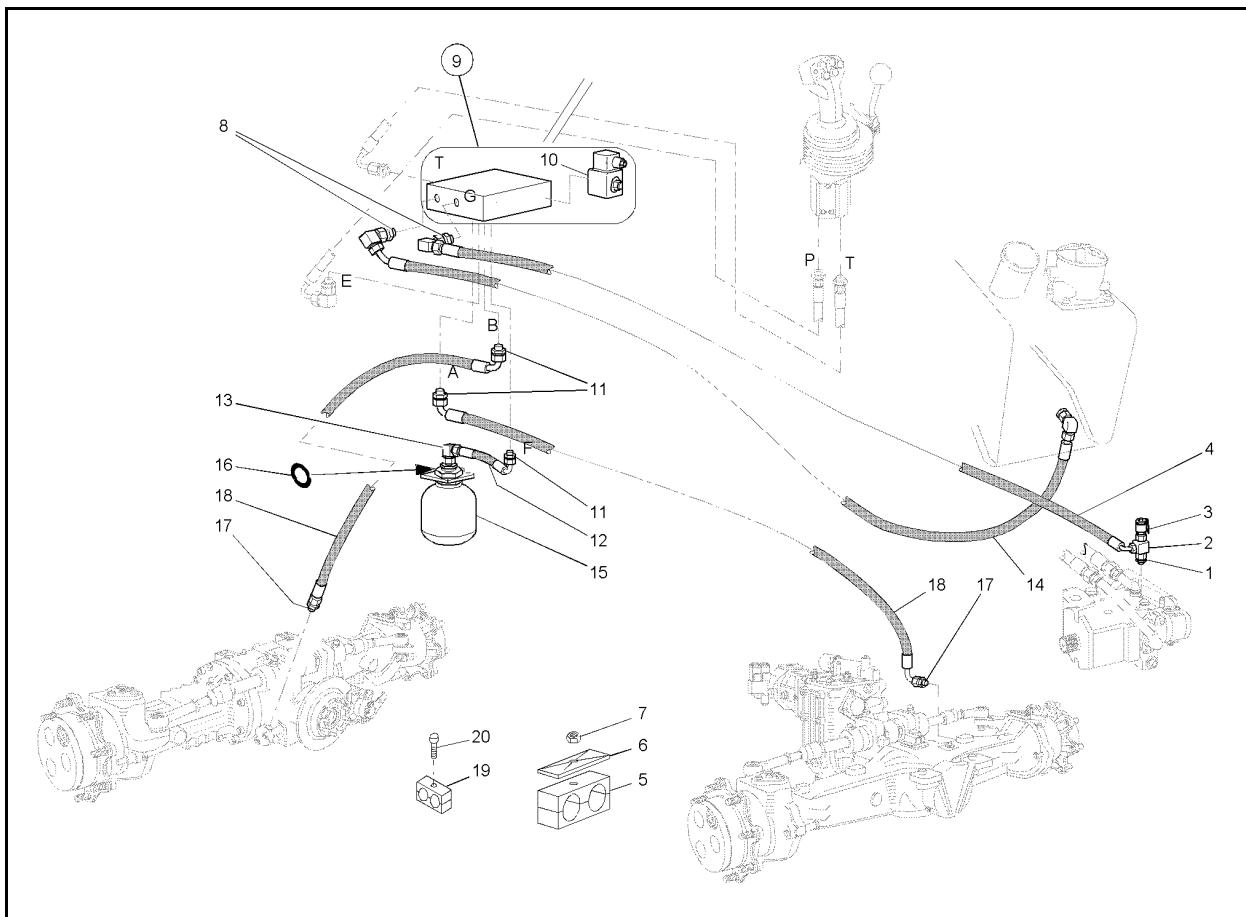
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000808607	SEALING RING	2	6 0000808705	BRAKE DISC	2
2 0000808617	SEALING RING	2	7 0000808706	BRAKE DISC	2
3 0000808736	PISTON	2	8 0000808708	SLEEVE	2
4 203859	BRAKE ALIGNMENT SET	2	9 7490682075	CIRCLIP 75 X 2	2
5 0000808707	BRAKE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

521T - 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

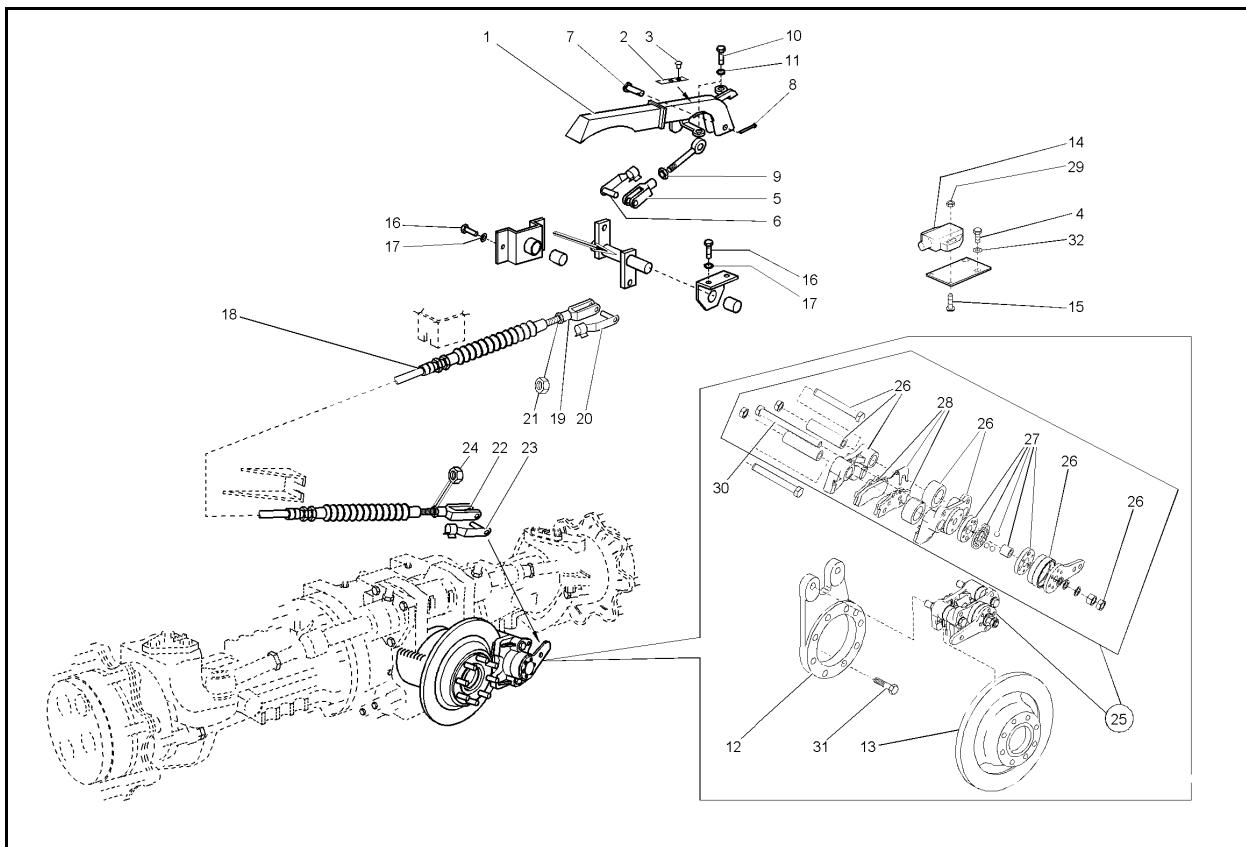
Ref.

No. Part No.

Description

Qty.

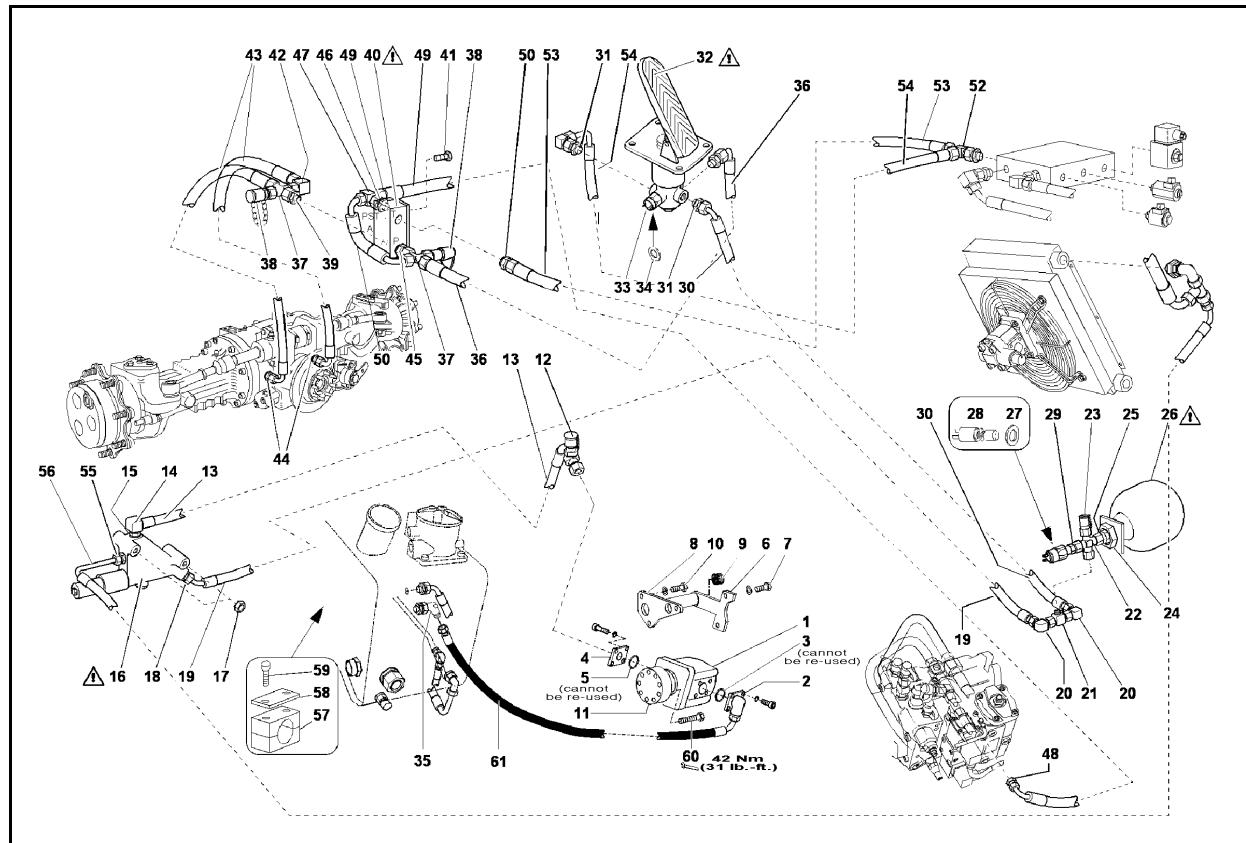
11	163114	SCREW JOINT	3
12	0003652414	HP HOSE	1
13	161443	90° FITTING	1
14	0003654214	HP HOSE	1
15	0003633003	PRESSURE ACCUMULATOR	1
16	7593641044	SEALING RING 26 X 32	1
17	164937	SCREW JOINT	2
18	0003653414	HP HOSE	2
19	0009936250	CLAMP 2D 15/15 PP	1
20	7252677036	SHCS M6 X 35-8.8 A2C	1



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

521T - SERVICE BRAKE HYDRAULICS

1000137467



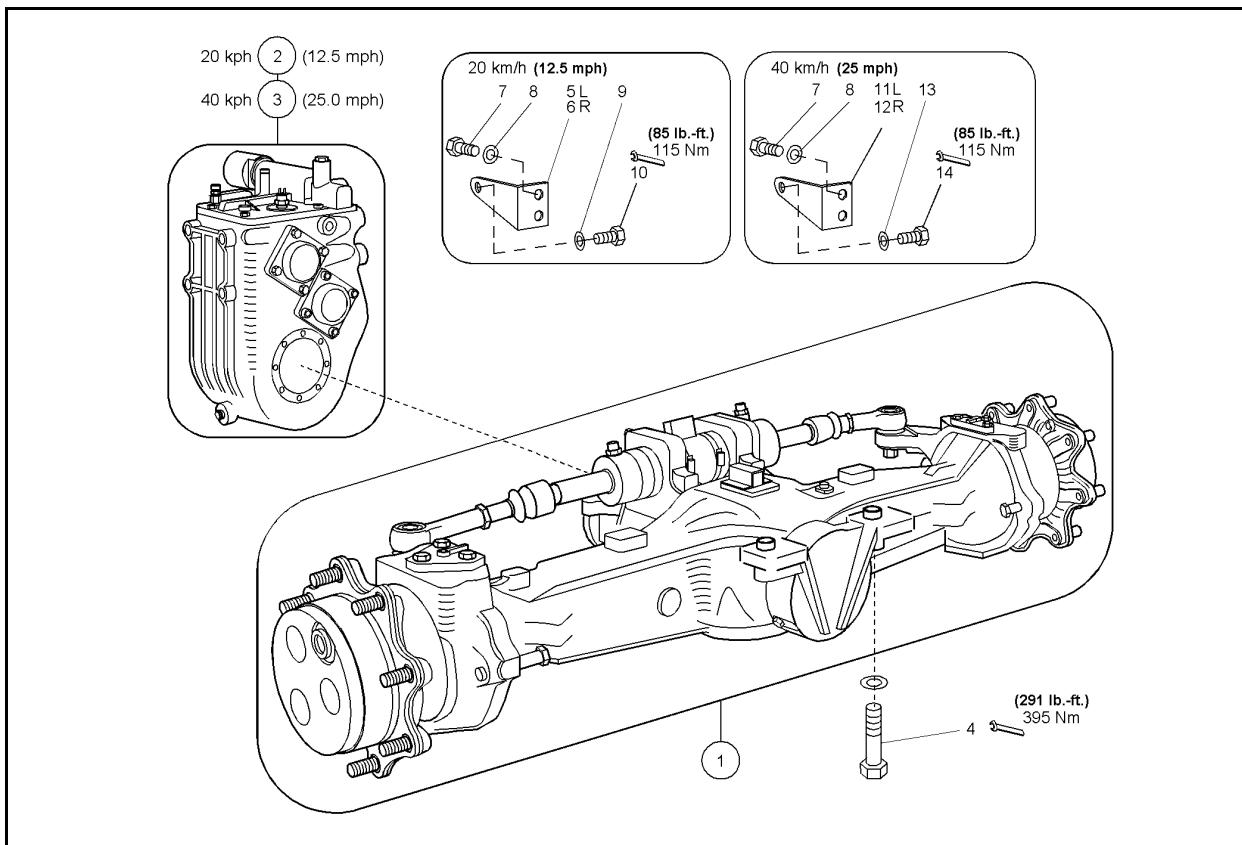
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003615698	HYDRAULIC PUMP	1	23 0003630663	TEST CONNECTION 10 L A3C	1
2 0003636320	SCREW CONN. BFW 18L LK 40 M.M D	1	24 209291	HEX NUT	1
3 0009960071	O-RING 26 X 2.5	2	25 0003639862	SCREW CONN. GE 10 LM M22 X 1.5 E A3C	1
4 0003635716	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			

521T - SERVICE BRAKE HYDRAULICS
1000137467

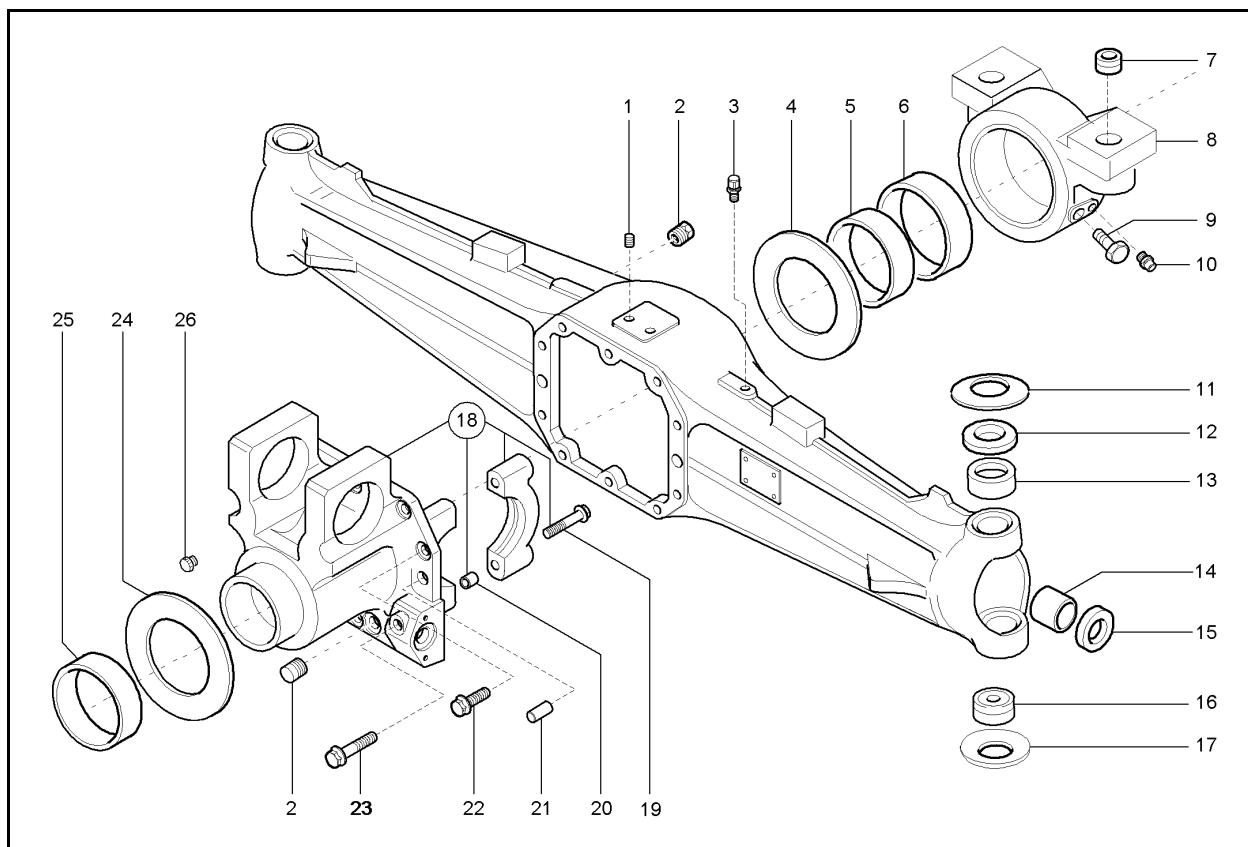
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	44	0003639864	SCREW CONNECTION	2		53	0003659903	HP HOSE	1
	45	0003639464	SCREW CONN. GE 8 LM M14 X 1.5 E A3C	1		54	0003653514	HP HOSE	1
	46	0003634171	SCREW CONNECTION	1		55	0003636649	SCREW CONN. GE 12 LM M18 X 1.5 E A3C	1
	47	161450	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

521T - REAR AXLE FASTENERS & GEAR BOX

1000137468



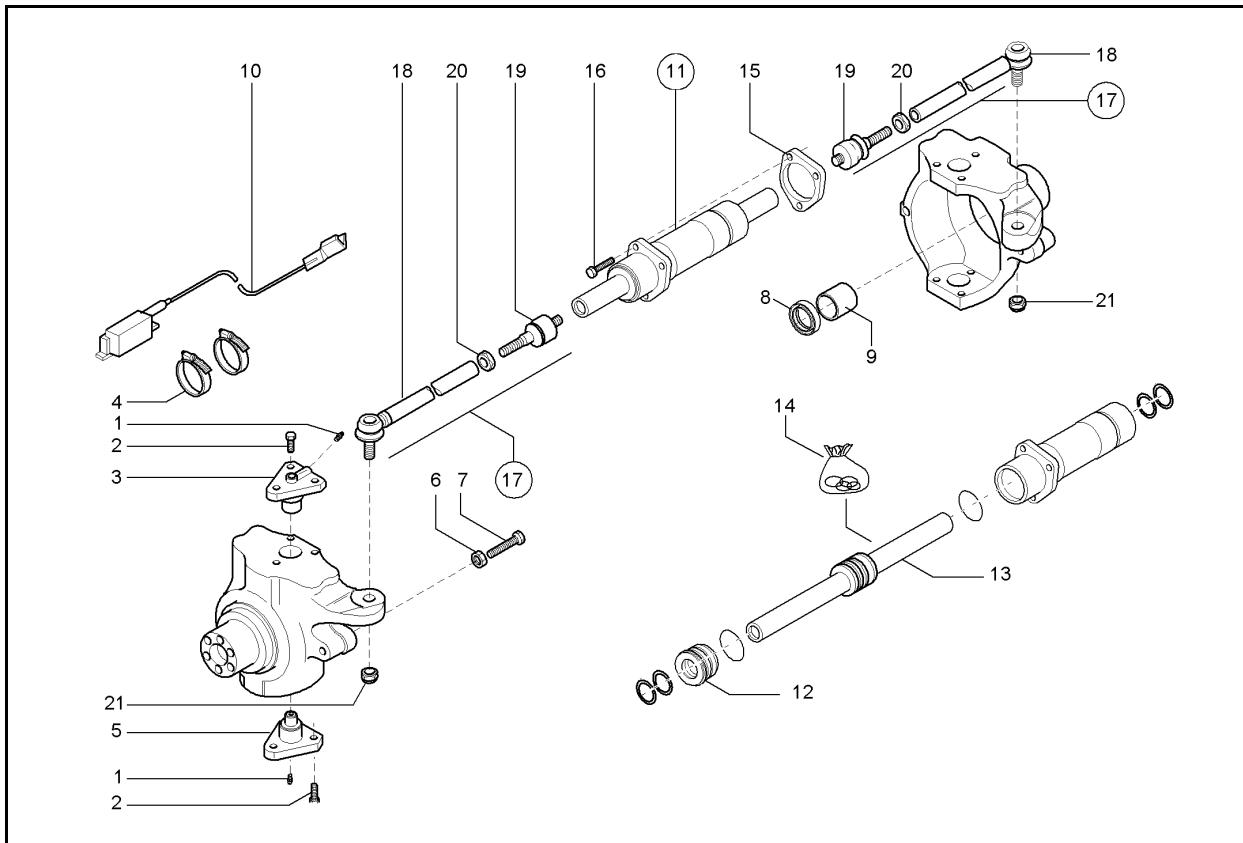
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0382602601	REAR AXLE See page 49 for individual components	1	7 651405	CS M12-1.75 X 30 C10.9 ZO	4
2 0382200001	GEARBOX (12.5 mph) See page 54 for individual components	1	8 7451680113	WASHER B13-140HV A2C	4
3 0382200101	GEARBOX (25.0 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	0000808593	0000808593	SEAL (Axle #01000801 and before)	2
3	0000808583	BREATHER M10 X 1	1	16	0000808611	BEARING	2
4	0000808673	WASHER	1	17	0000808658	WAVE SPRING WASHER	2
5	0000808672	BUSHING	1	18	0000808743	SUPPORT	1
6	0000808689	BUSHING	1	19	0000808639	SCREW	4
7	0000808591	BUSHING	2	20	0000808576	BUSHING	4
8	0000808744	SUPPORT	1	21	0000808578	STUD	2
9	0000808523	GREASE ZERK	1	22	0000808637	SCREW M12 X 33	5
10	0000808602	SCREW M16	1	23	0000808648	SCREW M12 X 75	5
11	0000808659	WAVE SPRING WASHER	2	24	0000808688	WASHER	1
12	0000808671	SPACER	2	25	0000808618	BUSHING	1
13	0000808610	BUSHING	2	26	0000808561	PLUG	1
14	0000808597	BUSHING	2				

521T - REAR AXLE STEERING

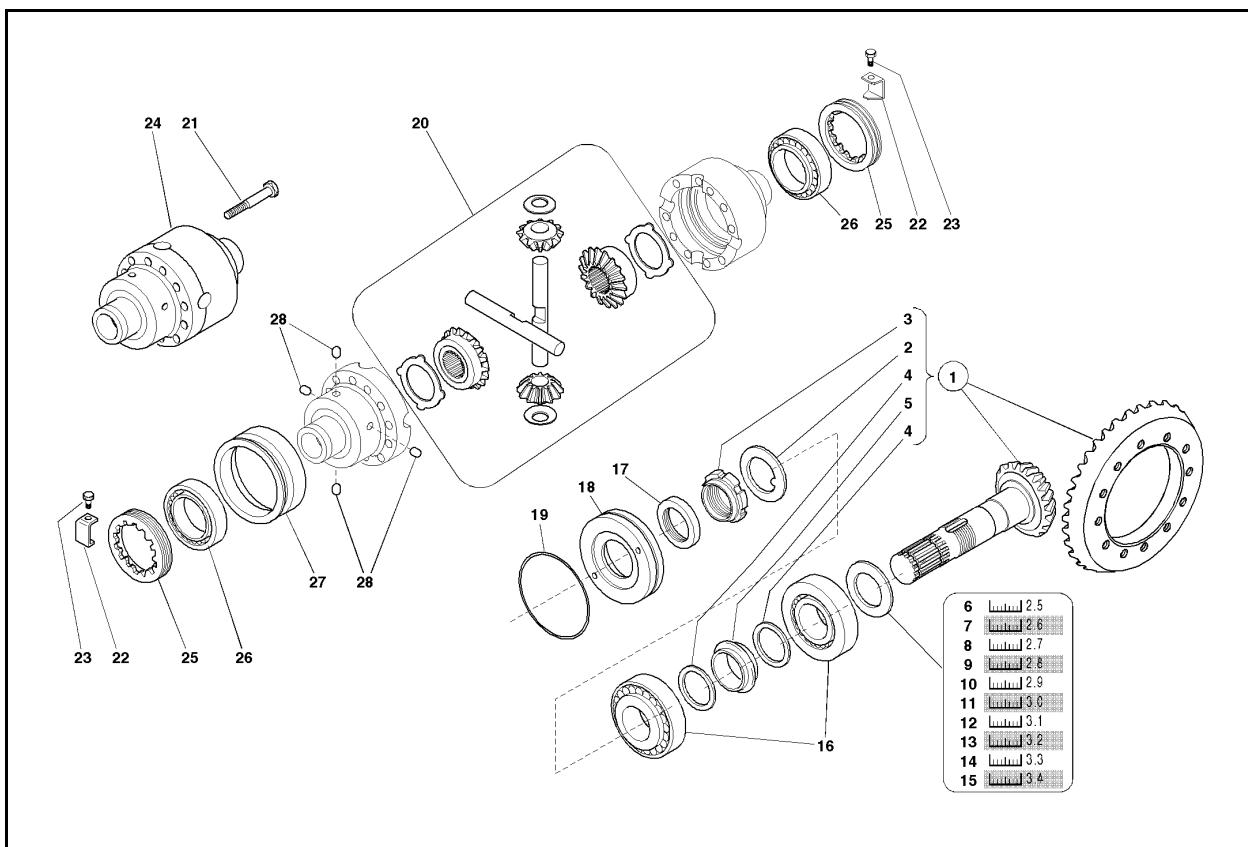
1000137470



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

521T - REAR AXLE GEAR DRIVE

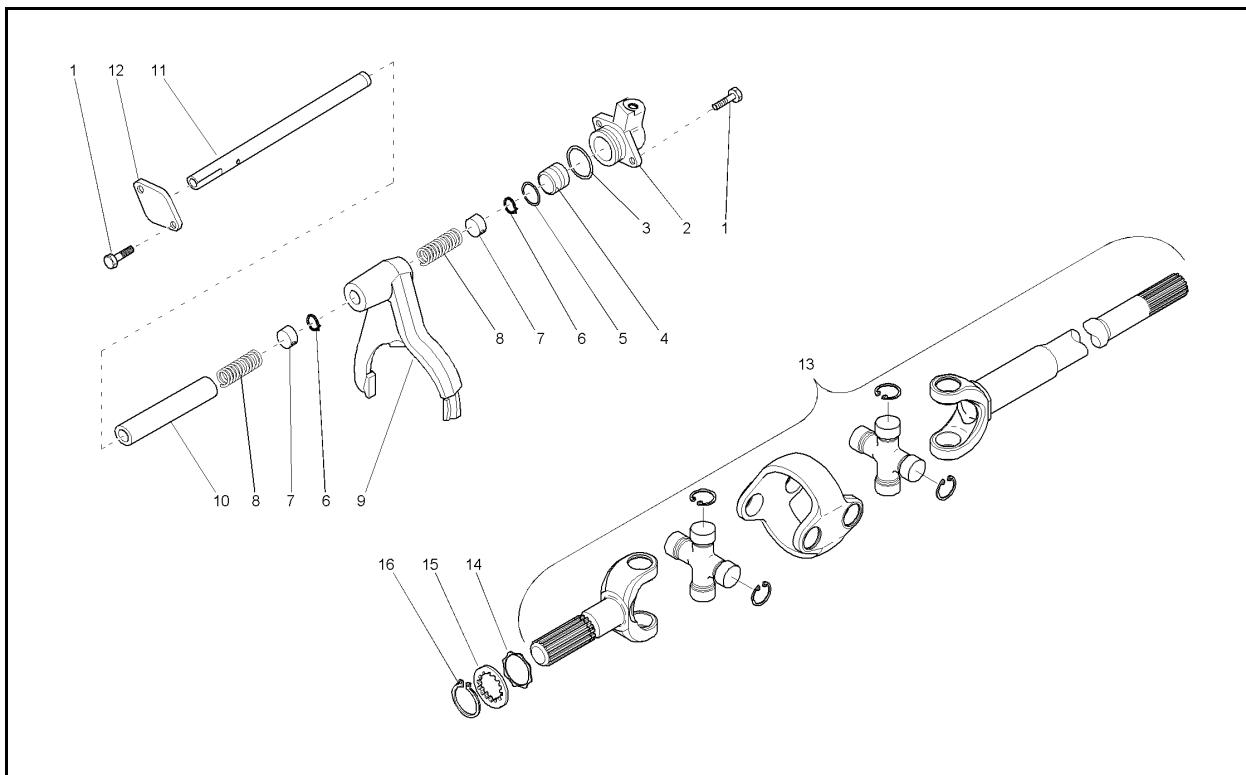
1000137471



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 AND SHAFT 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

521T - REAR AXLE DIFFERENTIAL LOCK

1000137472

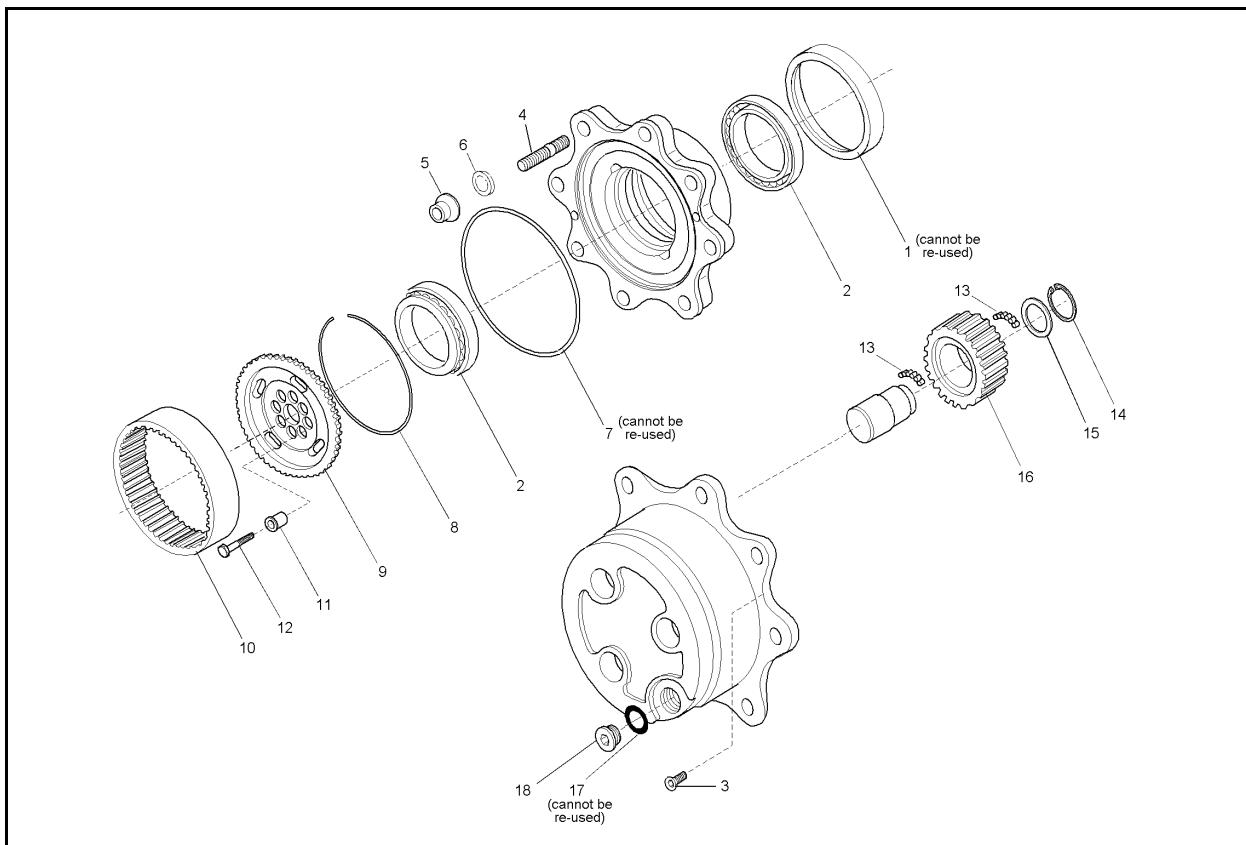


Ref.

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

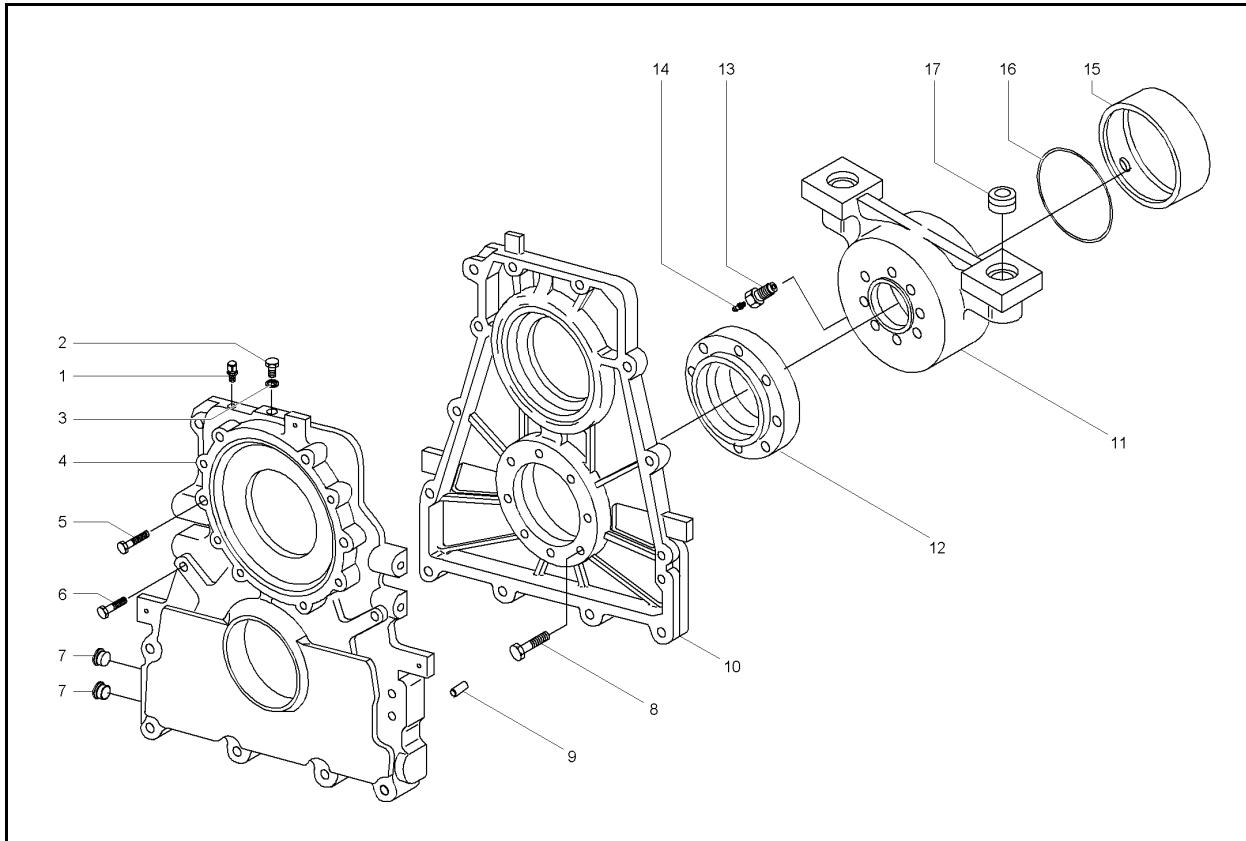
Ref.

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

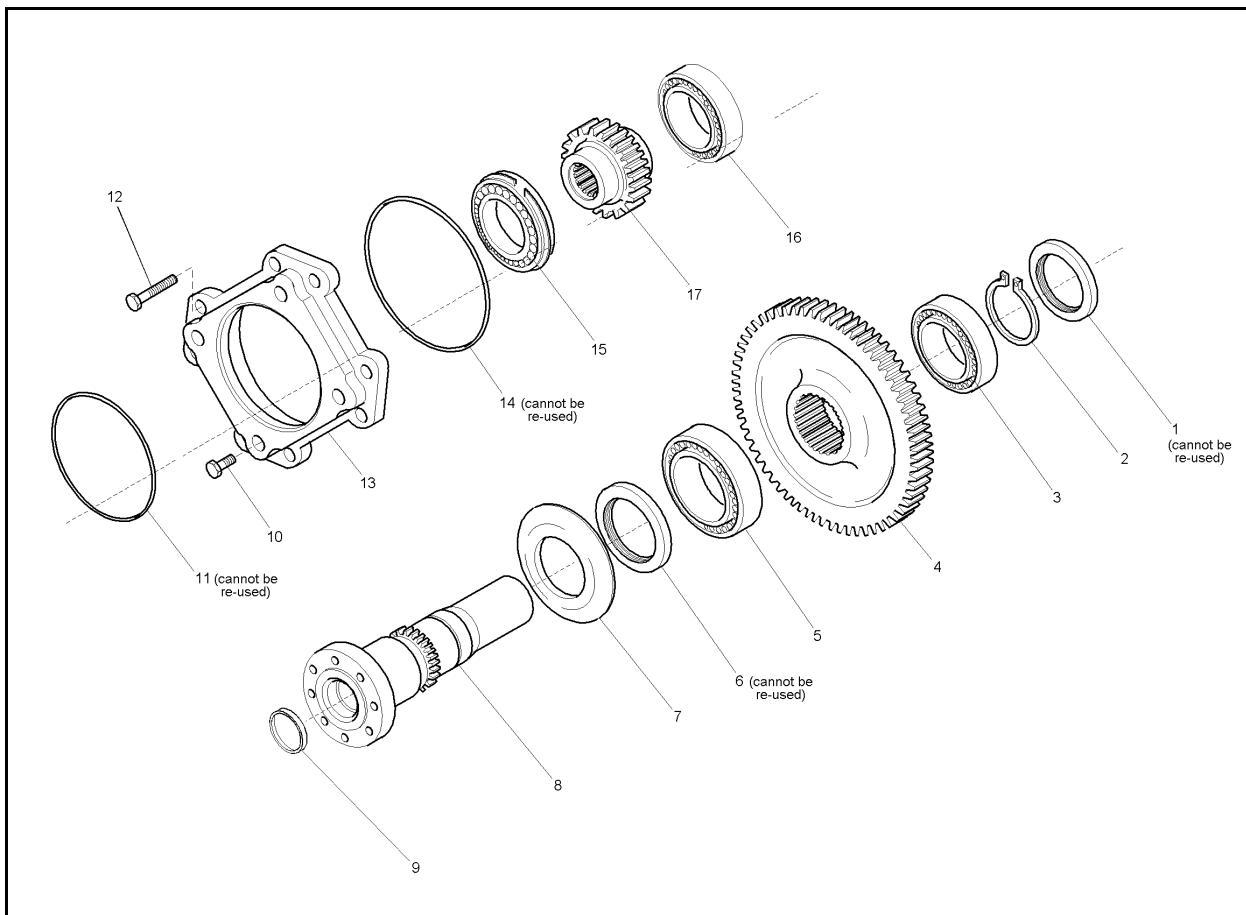
521T - STANDARD SPEED (12.5 MPH) GEARBOX HOUSING
1000137474



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				

521T - STANDARD SPEED GEARBOX INTERNAL PARTS

1000137475



Ref.

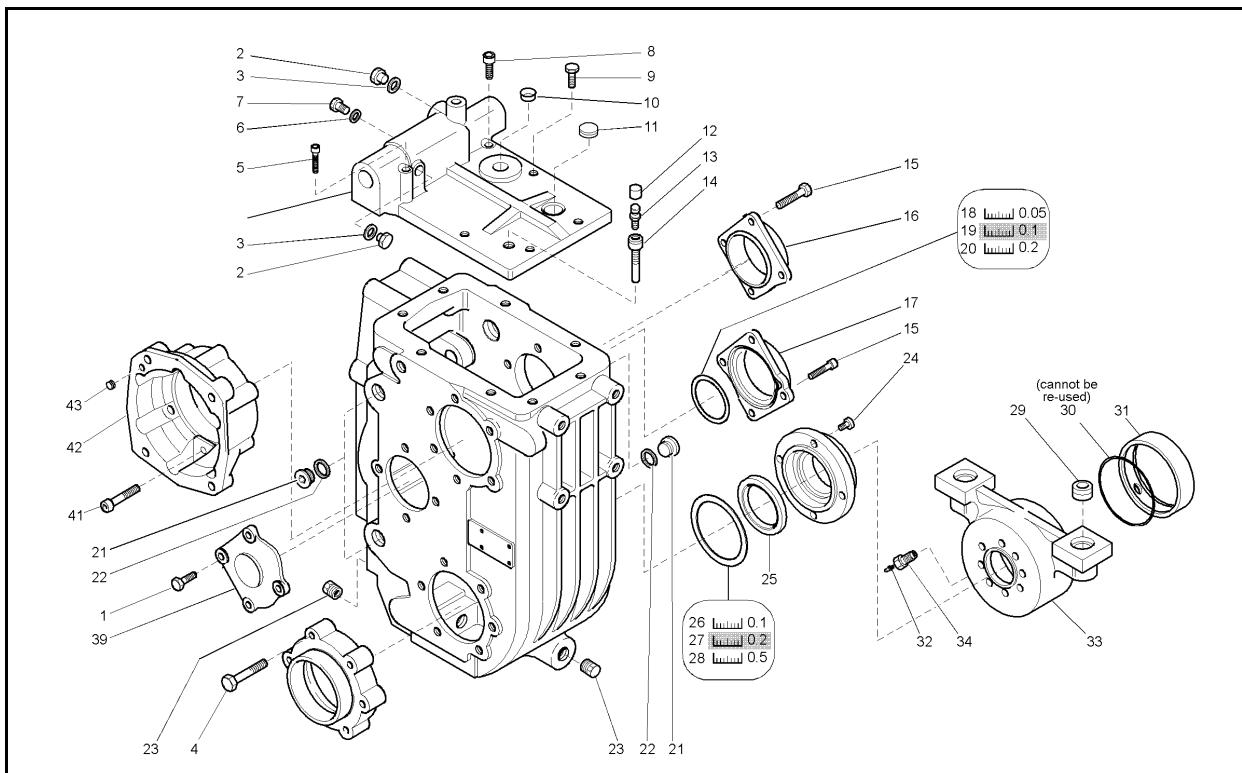
No.	Part No.	Description	Qty.
1	0000808529	SEALING RING	1
2	7490682065	SNAP RING	1
3	0000808532	BEARING	1
4	0000808690	GEAR	1
5	0000808533	BEARING	1
6	0000808692	SEALING RING	1
7	208721	COVER	1
8	0000808749	SHAFT	1
9	0000808709	PLUG	1

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

521T - HIGH SPEED (25.0 MPH) GEARBOX HOUSING

1000137476



Ref.

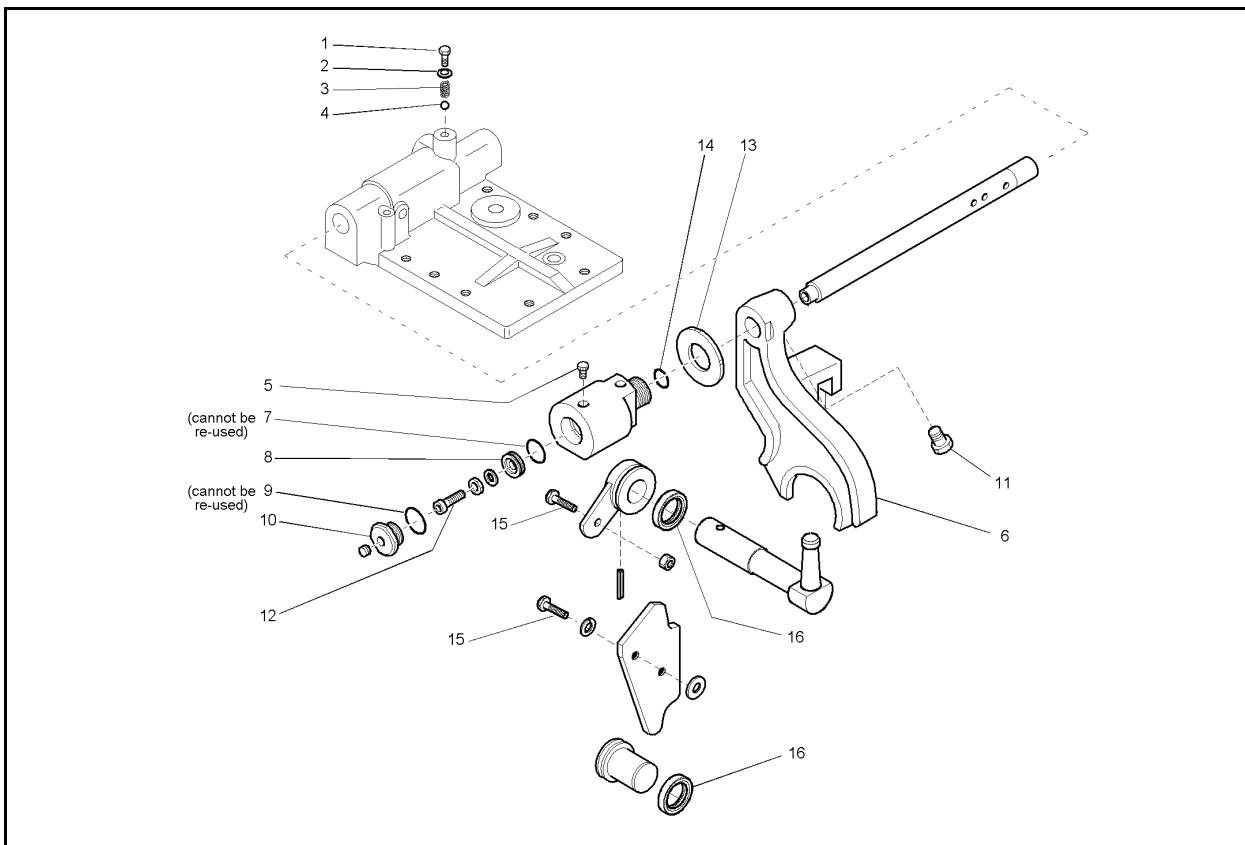
No.	Part No.	Description	Qty.
1	651397	CS M10-1.5 X 35 C8.8 ZY	4
2	0000808495	SCREW	2
3	0000808519	WASHER	2
4	7234677557	HS M10 45-8.8 A2C	6
5	0000808500	SCREW	1
6	0000808522	WASHER	1
7	0000808716	SCREW	1
8	0000808499	SCREW	7
9	656105	CS M8-1.25 X 25 C8.8 ZY	4
10	0000808562	PLUG	1
11	0000808509	PLUG	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

521T - HIGH SPEED GEAR SHIFTER

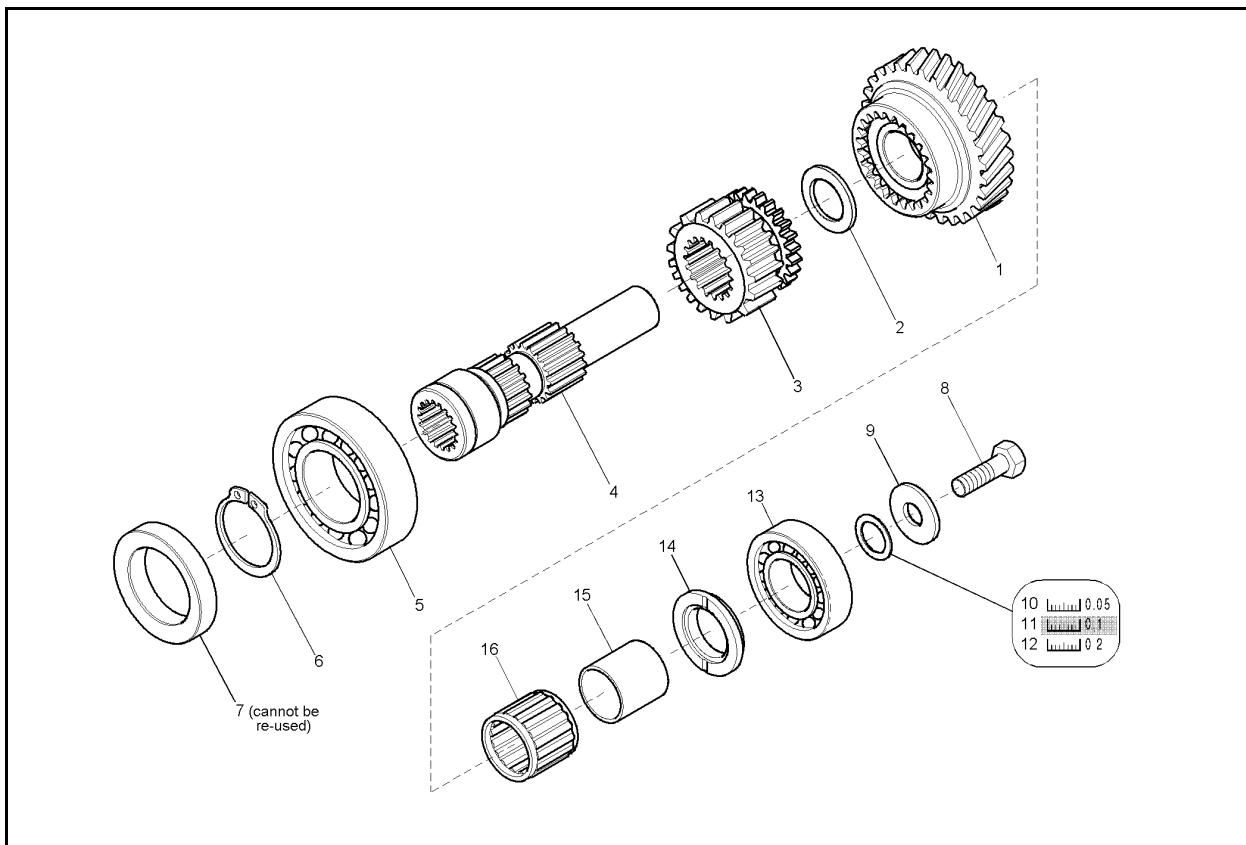
1000137477



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

521T - HIGH SPEED INPUT SHAFT (CONTROL GEAR)

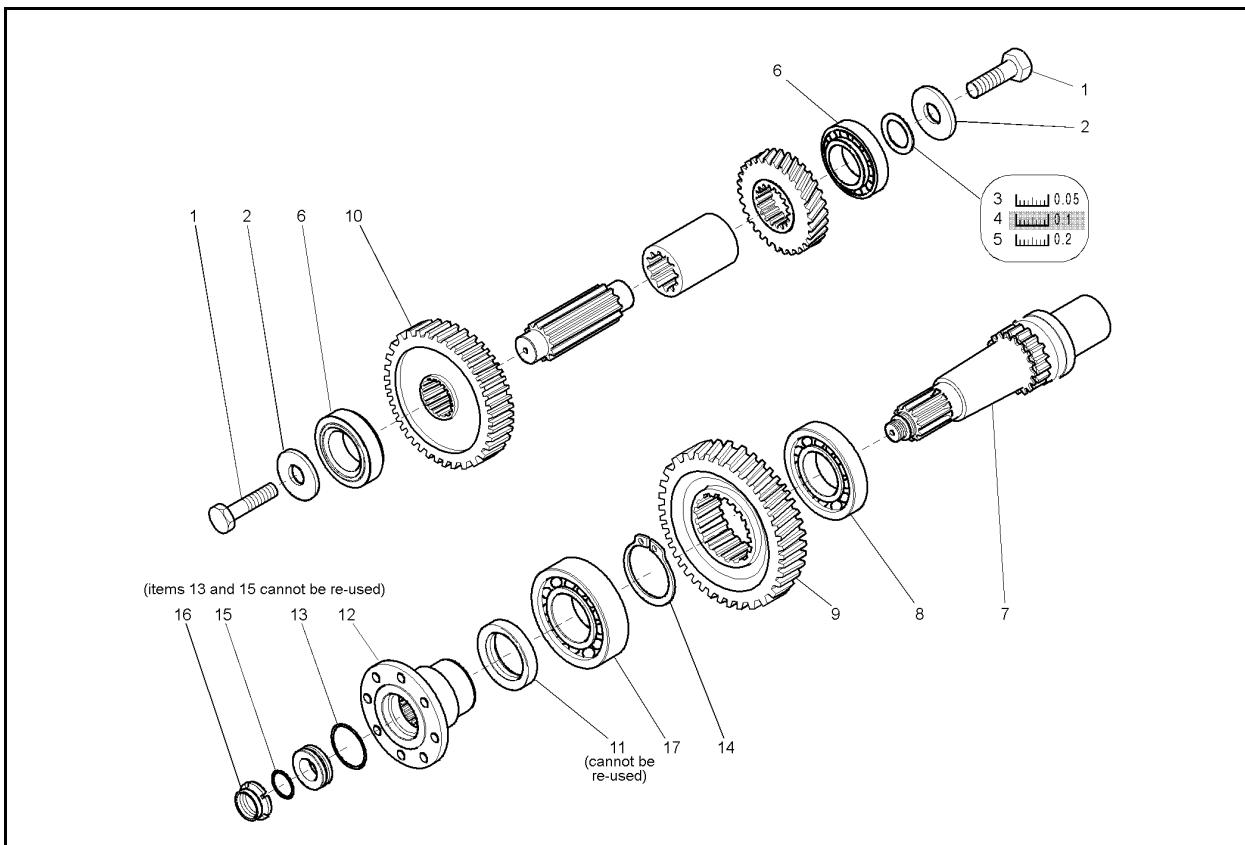
1000137478



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

521T - HIGH SPEED INPUT SHAFT (BEARING)

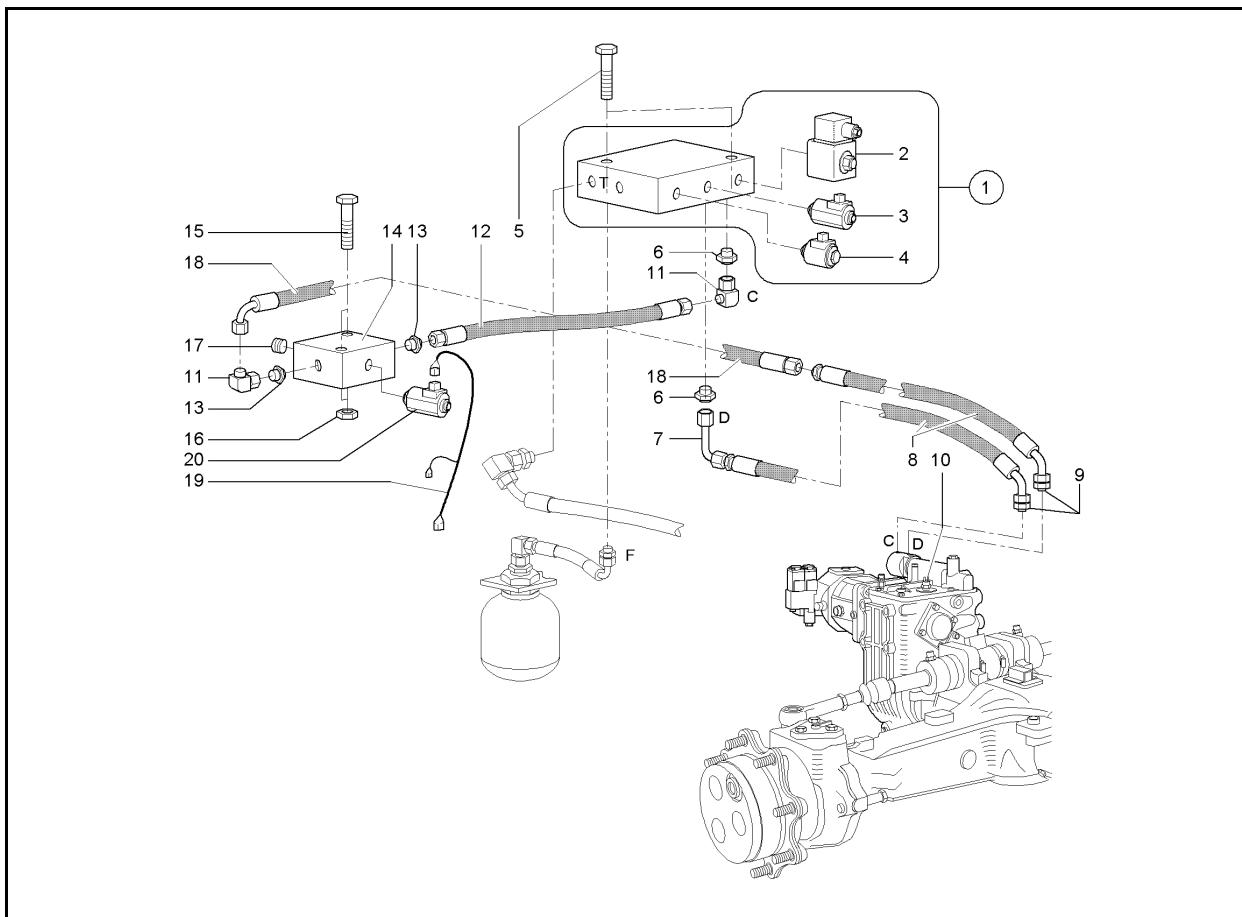
1000137479



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				

521T - HIGH SPEED GEARBOX HYDRAULICS INSTALLATION

1000137480



Ref.

No. Part No.

Description

Qty.

1	0003611977	VALVE BLOCK	1
2	209877	SOLENOID	1
3	0000809339	SOLENOID COIL	1
4	0000809231	SOLENOID COIL	1
5	656004	CS M8-1.25 X 55 C8.8 ZY	2
6	0003631666	SCREW CONNECTION	1
7	0003631969	SCREW CONNECTION	1
8	0003652814	HP HOSE	2
9	161482	SCREW JOINT	2
10	0003330826	SPEED TRANSMITTER	1

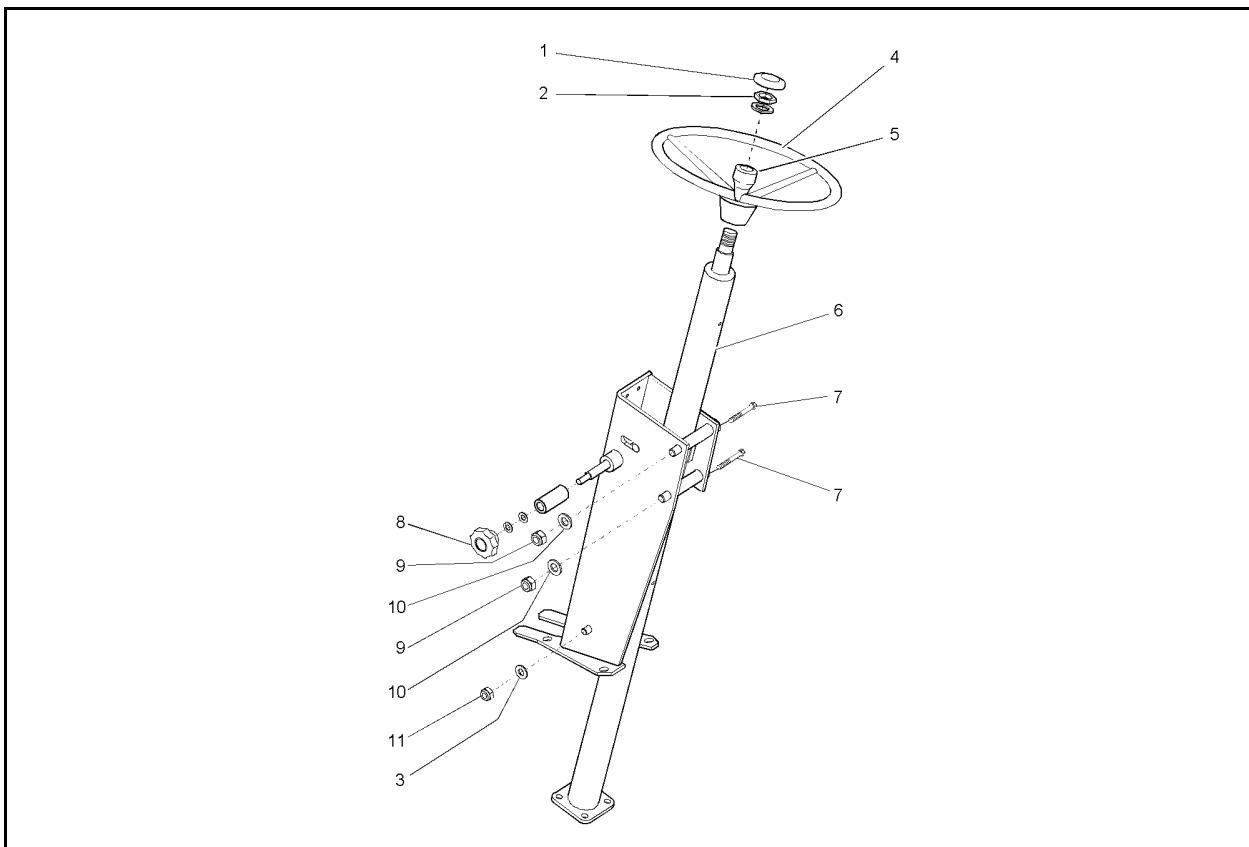
Ref.

No. Part No.

Description

Qty.

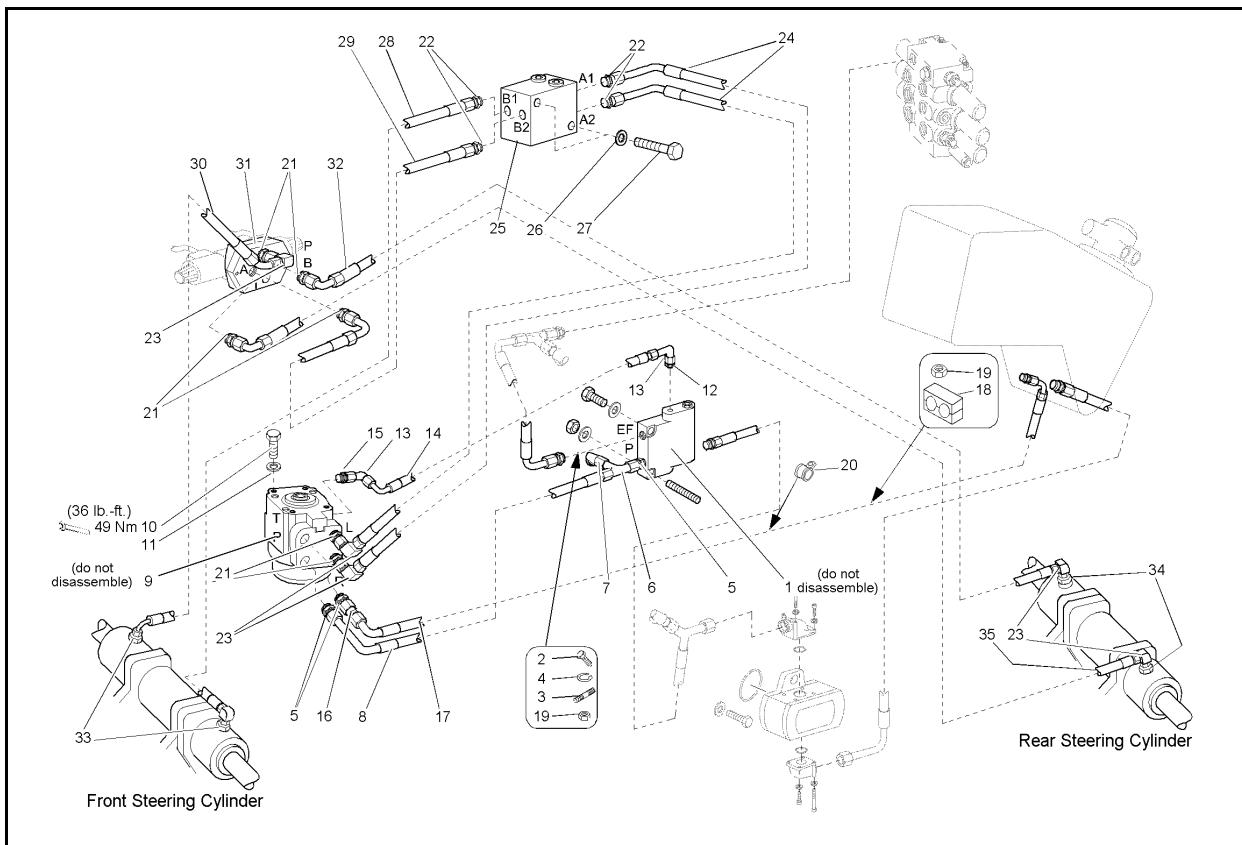
11	165962	90° FITTING	2
12	209416	HP HOSE	1
13	165960	SCREW JOINT	2
14	207563	VALVE BLOCK	1
15	162028	SCREW	1
16	651456	LN INS M5-0.8 C8 ZY	1
17	207567	LOCK SCREW	1
18	203848	HP HOSE	1
19	203855	WIRING HARNESS	1
20	209759	SOLENOID VALVE	1



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				

521T - STEERING HYDRAULICS INSTALLATION

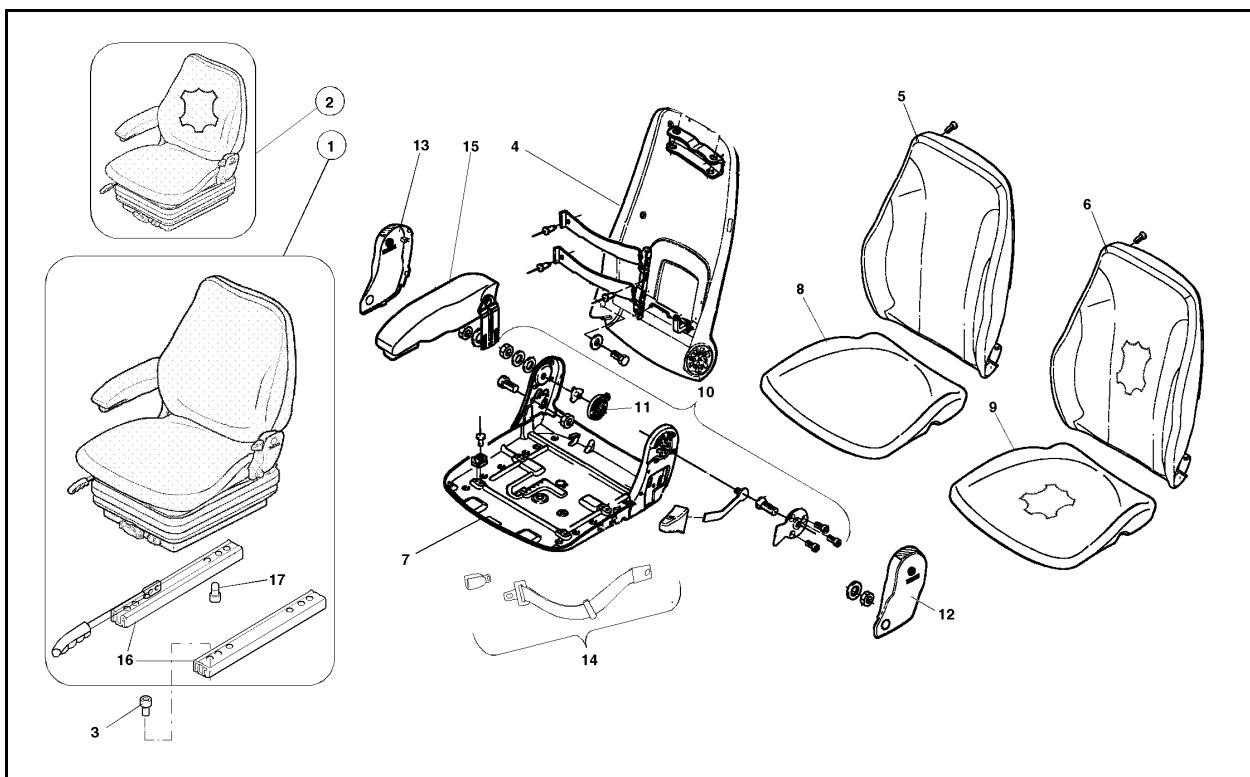
1000137482



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			

521T - OPERATOR'S SEAT

1000137483



Ref.

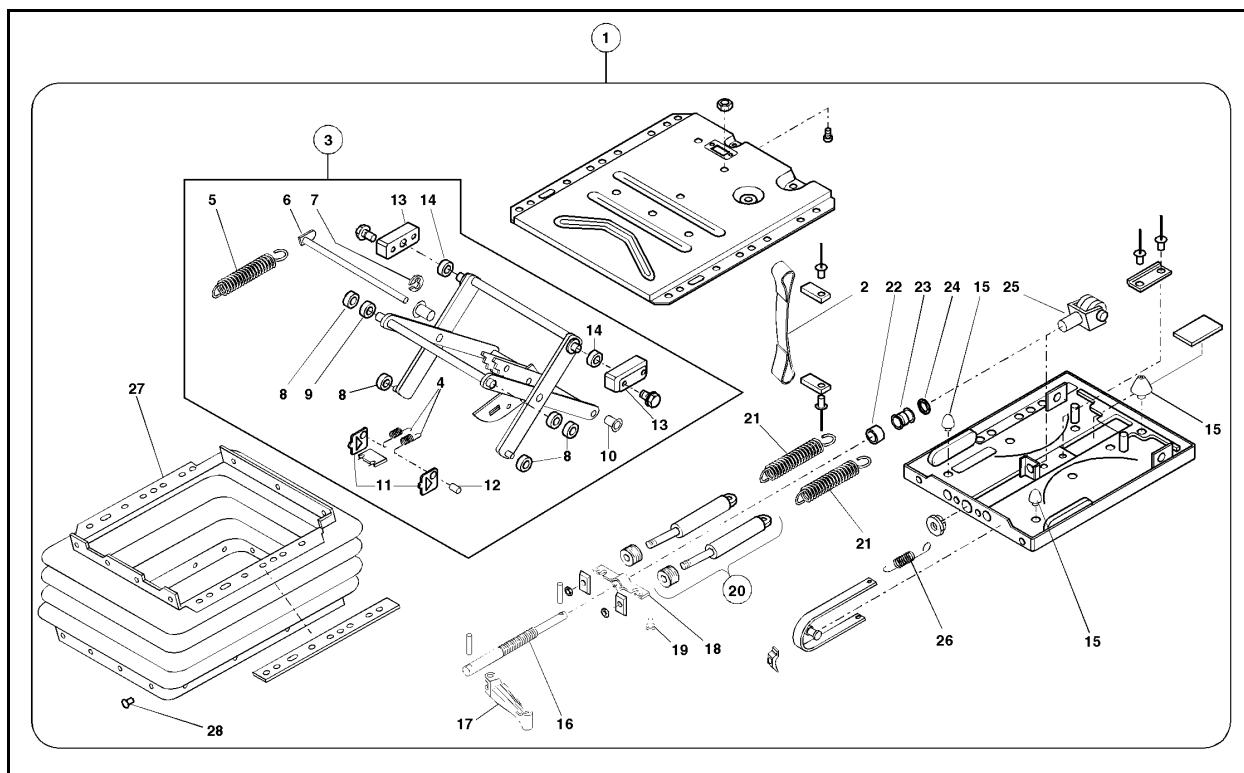
No.	Part No.	Description	Qty.
1	0162910401	OPERATOR'S SEAT/CLOTH	1
2	0162910501	OPERATOR'S SEAT/LEATHERETTE	1
3	651515	SHCS M8-1.25 X 20 C8.8 ZY	4
4	0000806515	BACKREST FRAME	1
5	177458	BACKREST CUSHION/CLOTH	1
6	0000809150	BACKREST CUSHION/LEATHERETTE	1
7	207813	SEAT PLATE	1
8	165589	SEAT CUSHION/CLOTH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

521T - 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

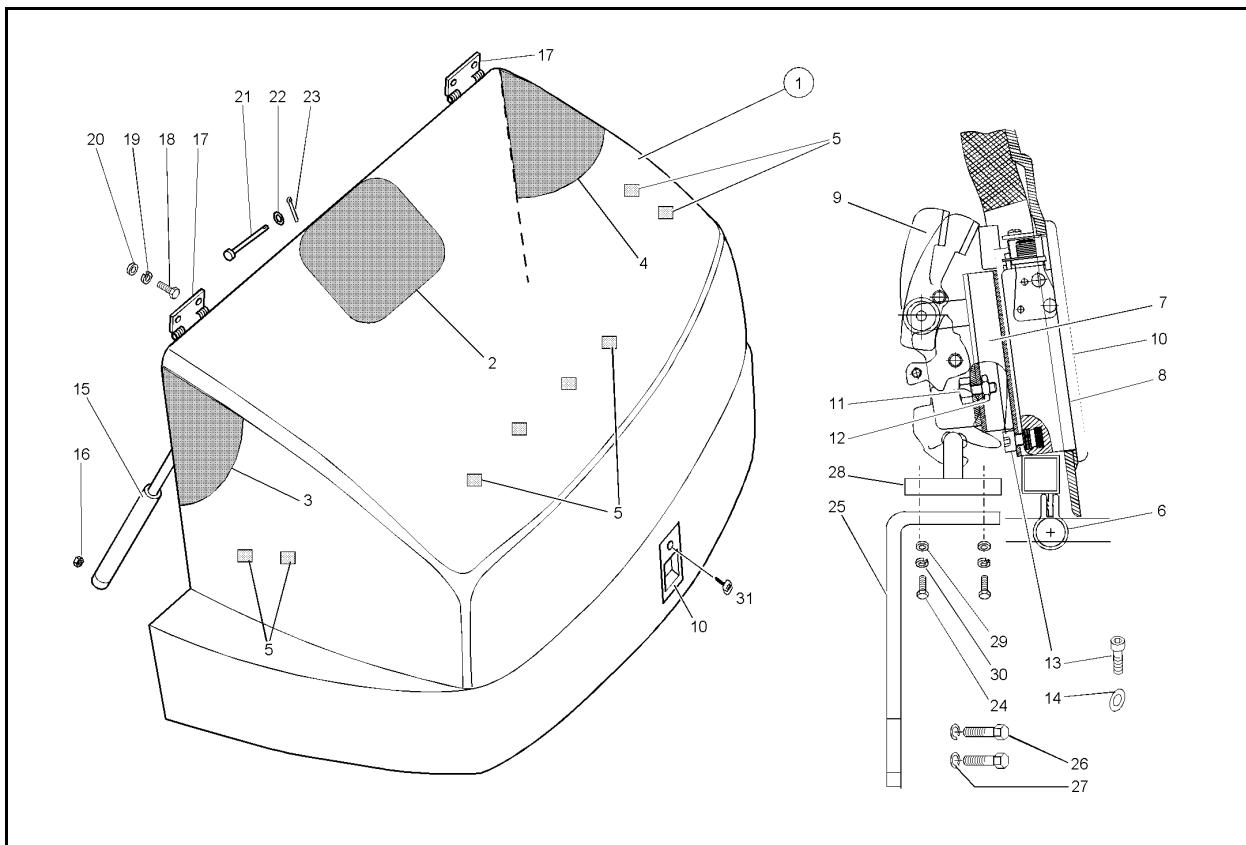
Ref.

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

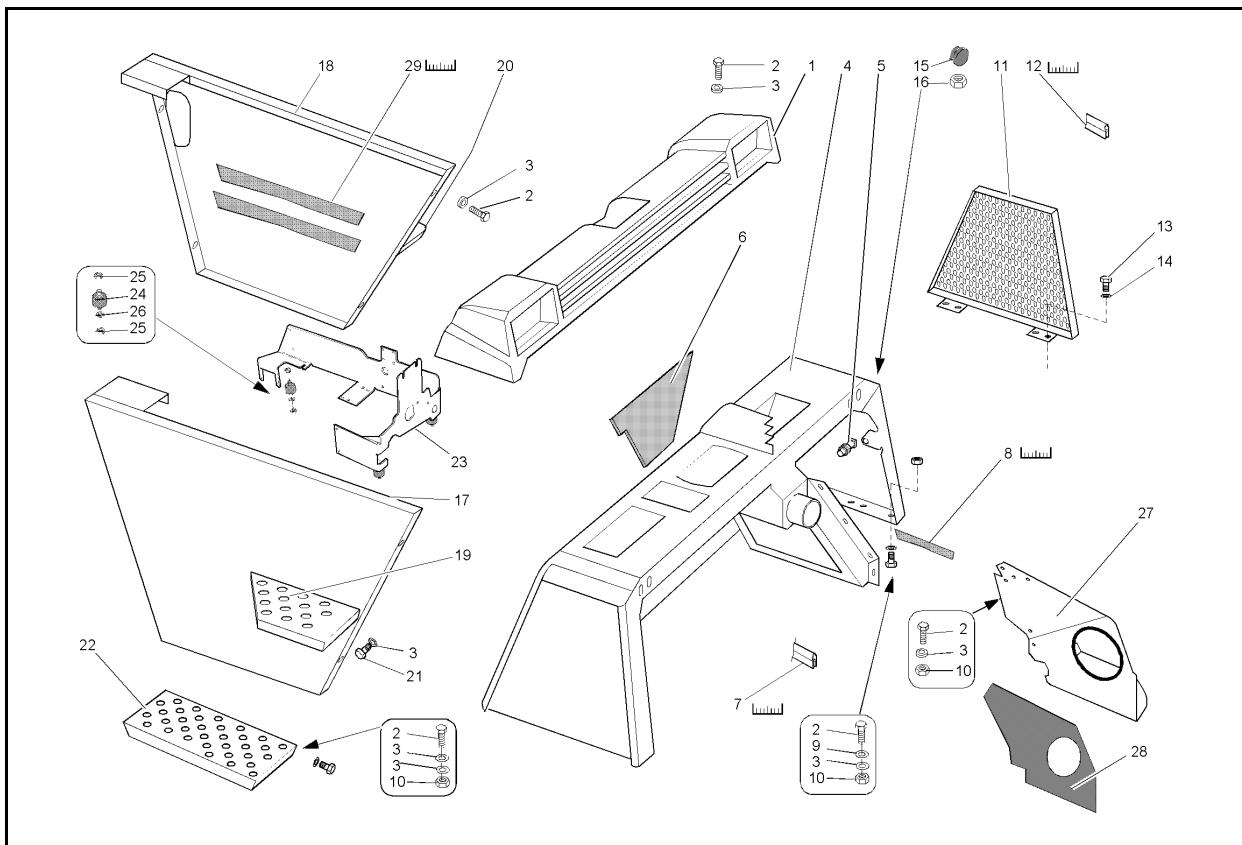


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383000130	ENGINE HOOD	1	17	0009946982	HINGE	2
2	0000801601	ISOLATION MAT	1	18	651466	FHCS M8-1.25 X 20 C8.8 ZY	4
3	0000801602	ISOLATION MAT	1	19	163634	WASHER	4
4	0000801603	ISOLATION MAT	1	20	7405677005	HN M8-8 A2C	4
5	0000801604	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				

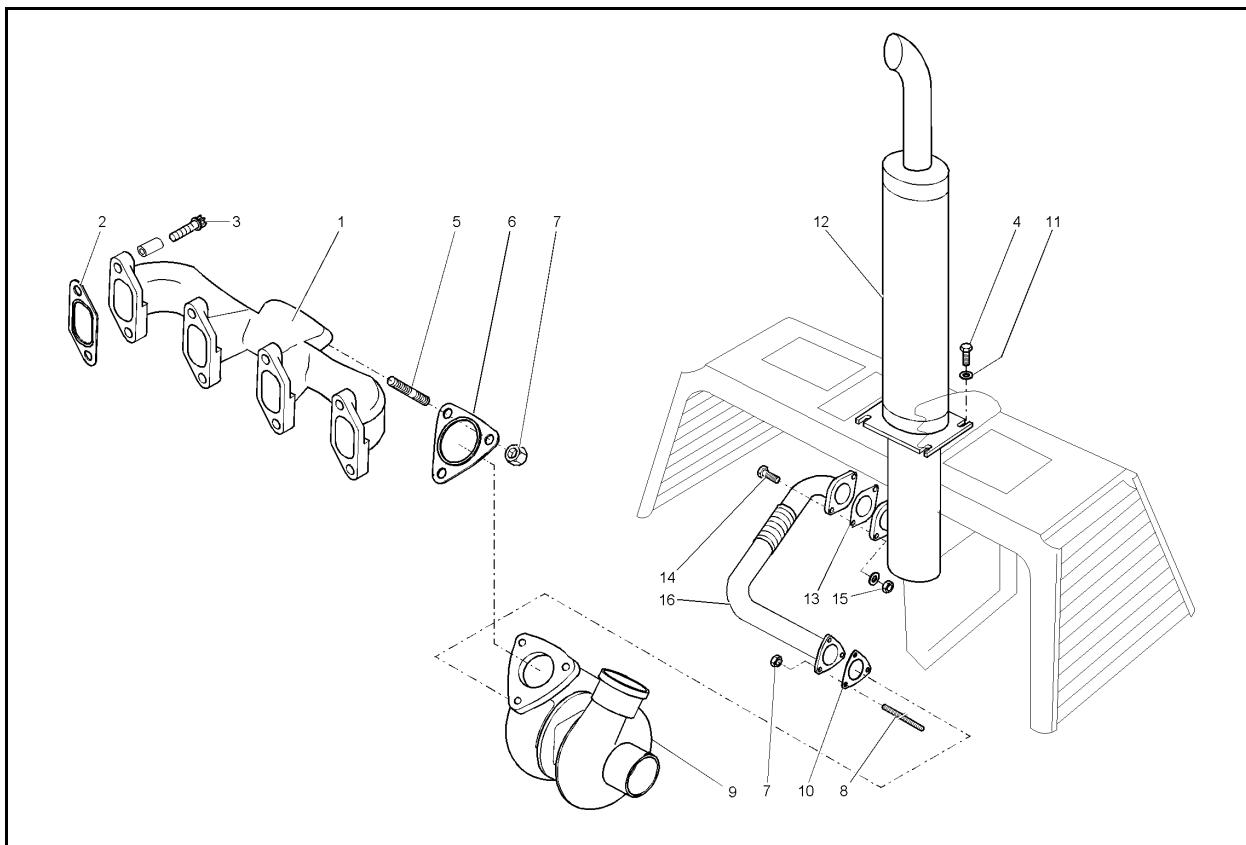
* Same key for starter, engine hood, and cab doors.

521T - COWL & LOWER BODY TRIM

1000137486



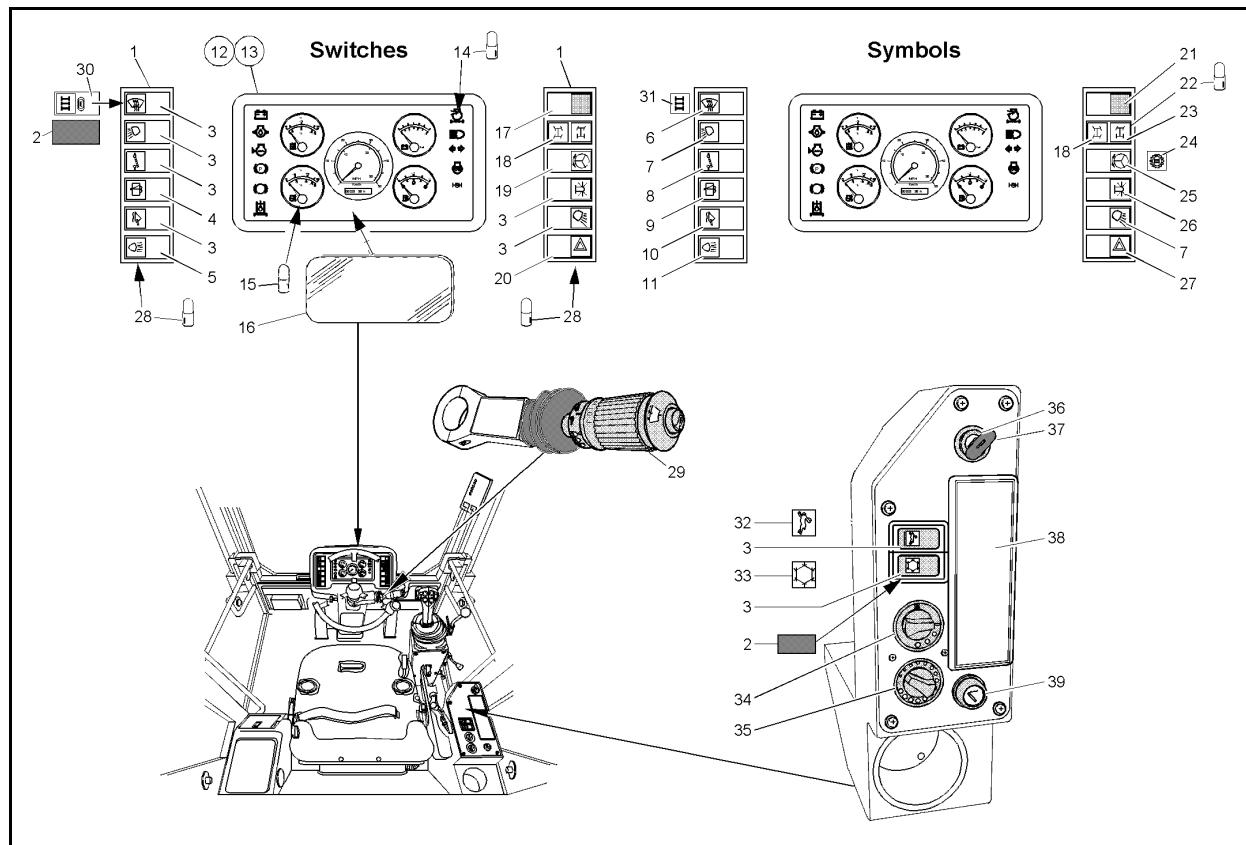
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383050003	LIGHT BORDER	1	16	656047	HN M6-1 C8 ZY	1
2	177648	HEX SCREW	33	17	1383000321	SIDE PANEL LT	1
3	7462680011	WASHER 8.4 ST A2C	43	18	203847	SIDE PANEL RT	1
4	0383000448	COWL	1	19	0383030551	FOOTHOLD/UPPER LT	1
5	0003415444	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

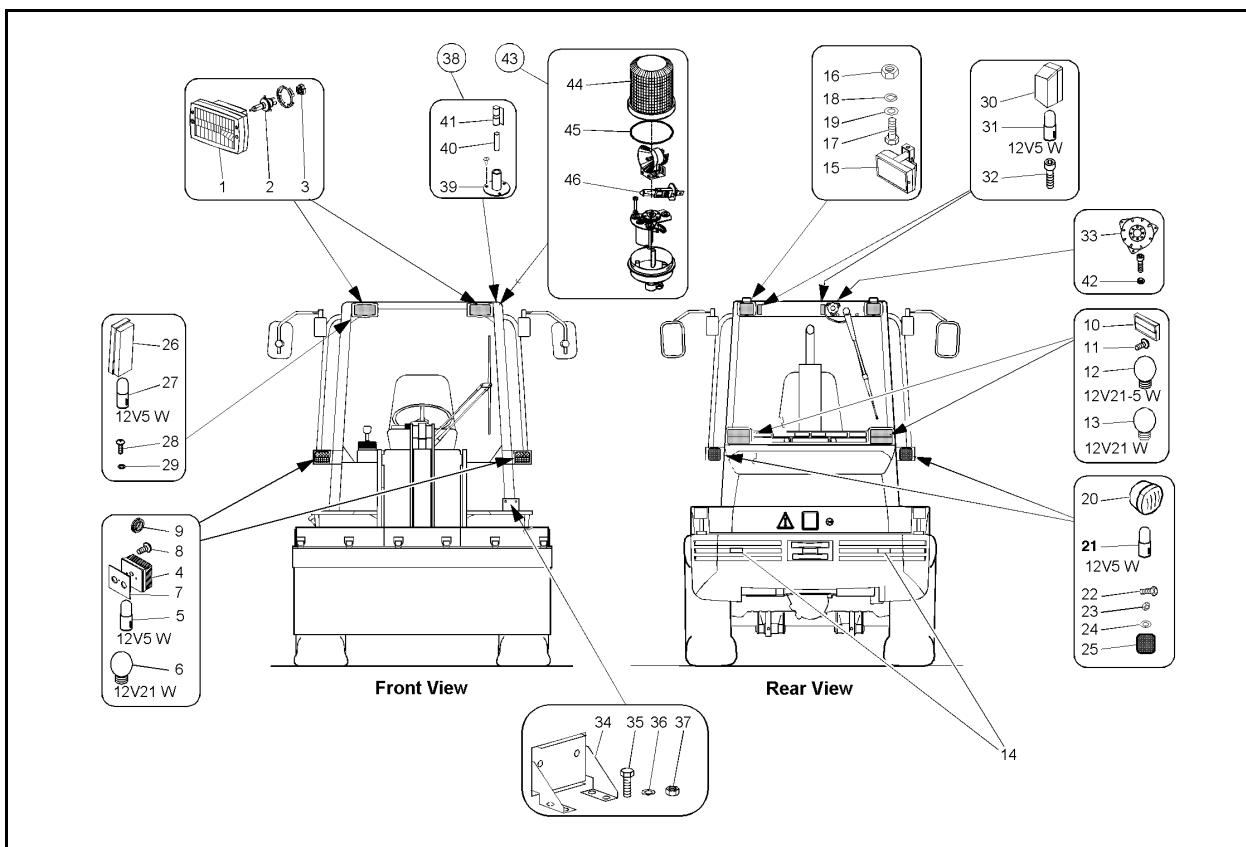
521T - INSTRUMENT PANEL

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			

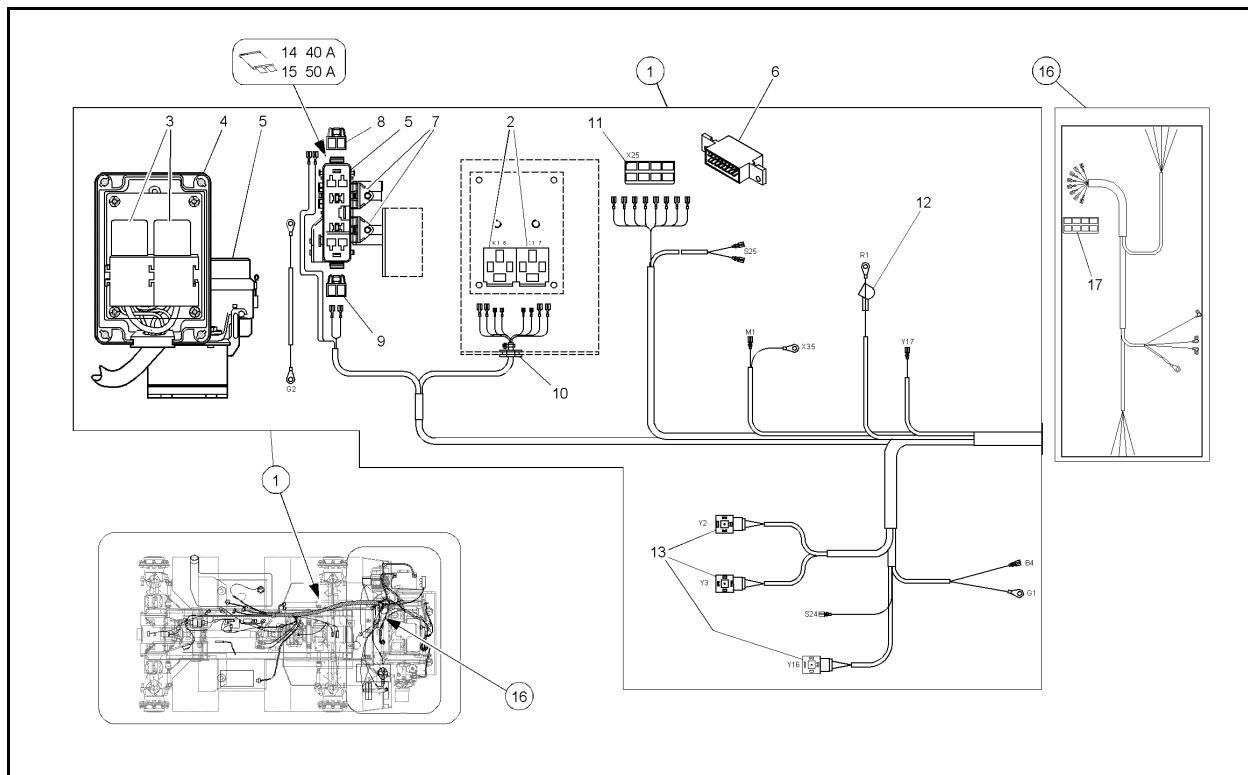
* Same key for starter, engine hood, and cab doors.



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	LINING	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

521T - MAIN WIRING HARNESS

1000137493



Ref.

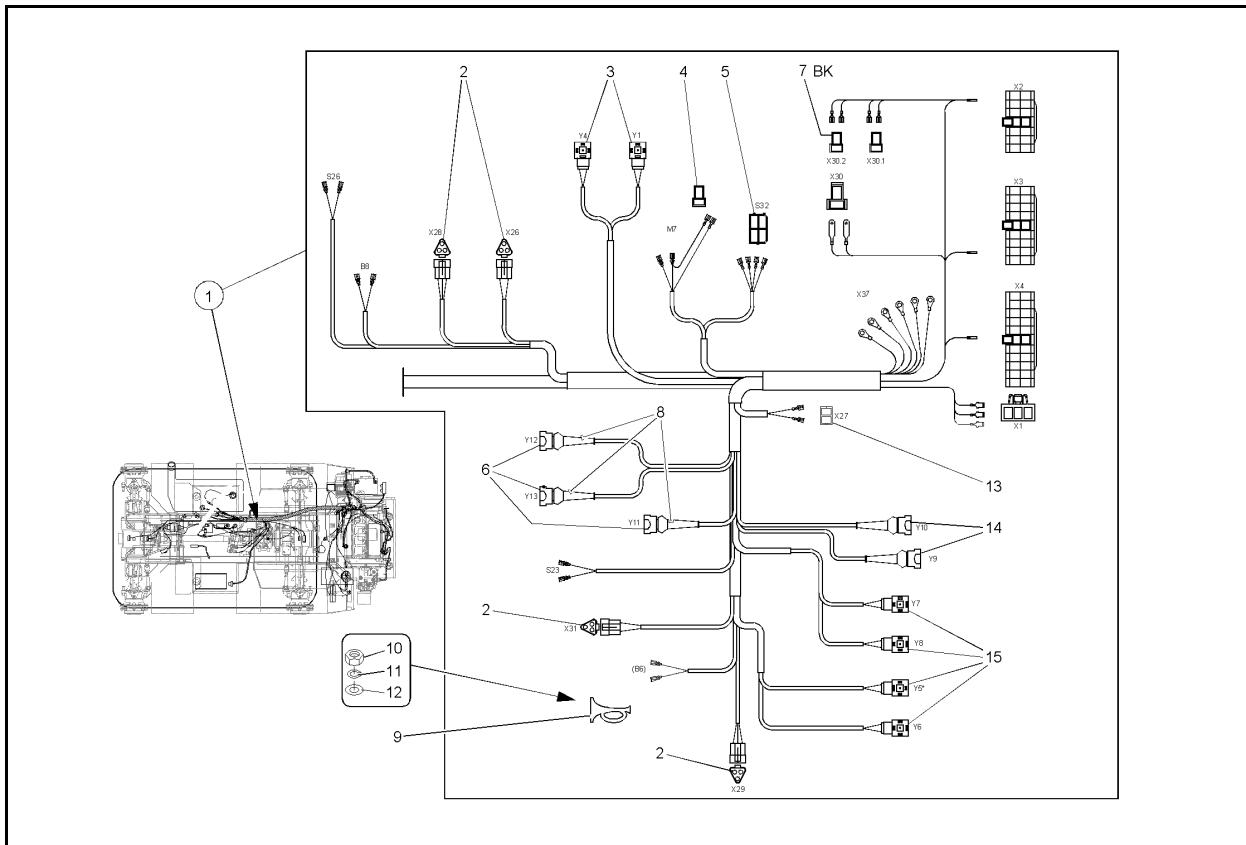
No.	Part No.	Description	Qty.
1	0383302410	WIRING HARNESS	1
2	0003320628	BASE	2
3	204662	RELAY (70A)	2
4	207706	HOUSING	1
5	0003334320	FUSE BOX	1
6	0003333311	PLUG AND SOCKET DISTRIBUTOR	1
7	0003330222	CONNECTING STRAP	2
8	0003331967	SOCKET HOUSING	1
9	0003332067	SOCKET HOUSING	1

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

521T - MAIN WIRING HARNESS (CONT'D)

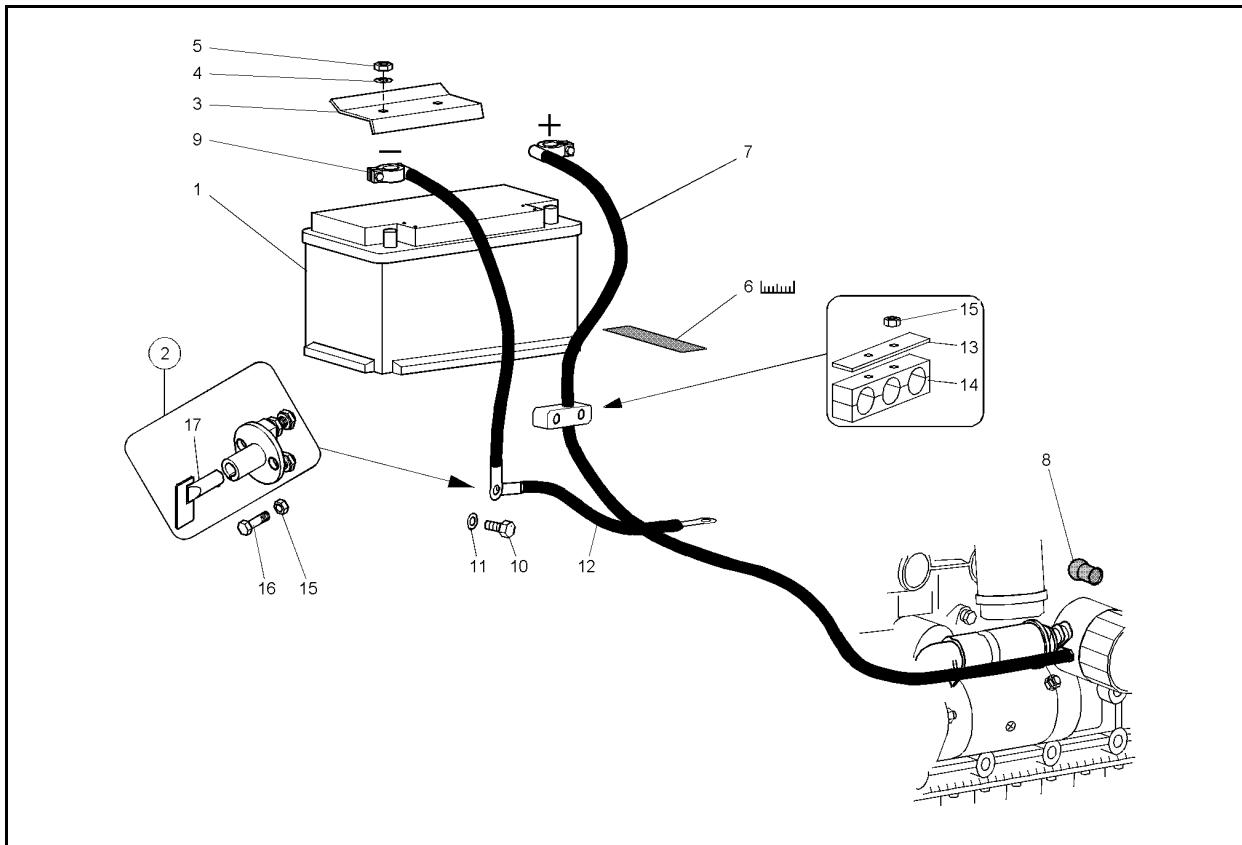
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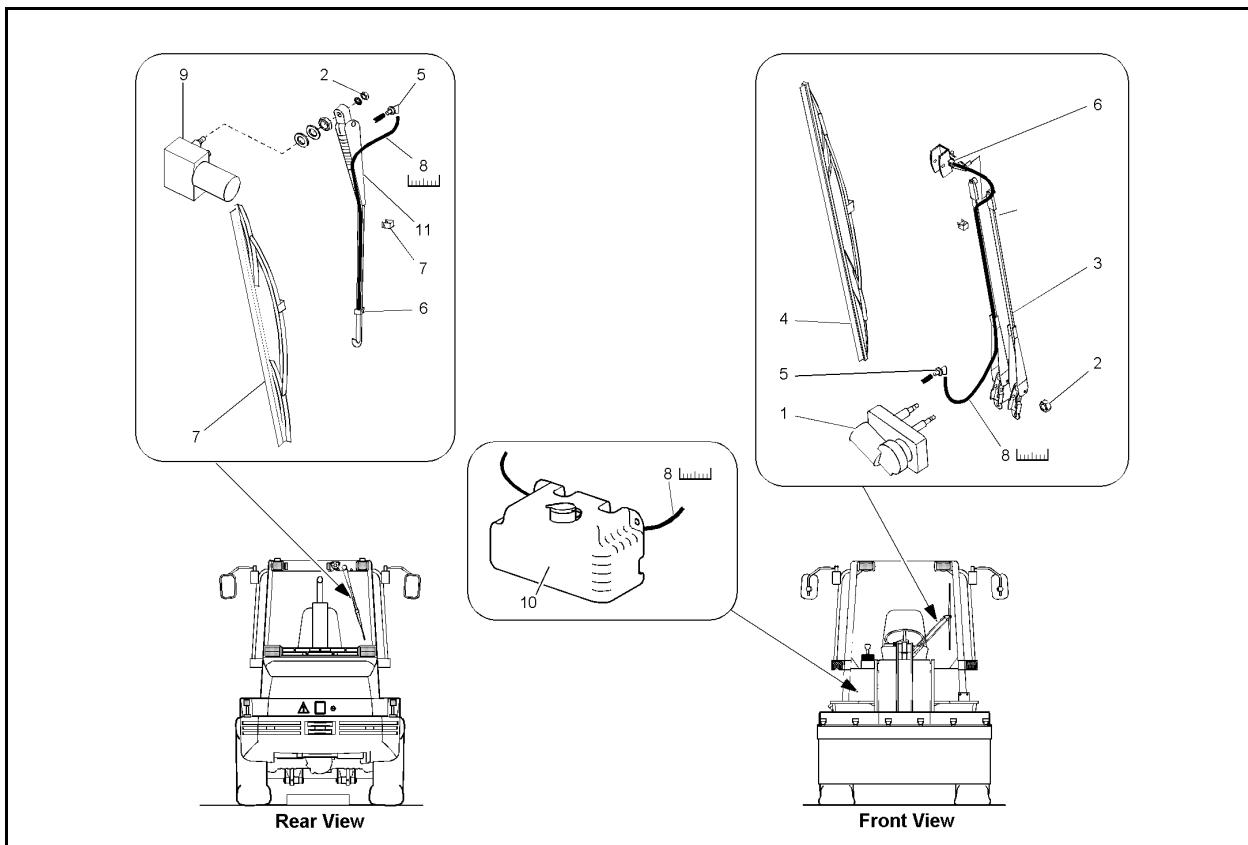
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0383302410	WIRING HARNESS	1	9	0003322105	HORN (12V)	1
2	0003338865	HOUSING	4	10	656048	HN M8-1.25 C8 ZY DIN934	1
3	0003330466	PLUG	2	11	206958	WASHER	1
4	201821	PLUG	1	12	163634	WASHER	1
5	162003	PLUG	1	13	9709160G	PLUG	1
6	0003334765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

521T - BATTERY

1000137495



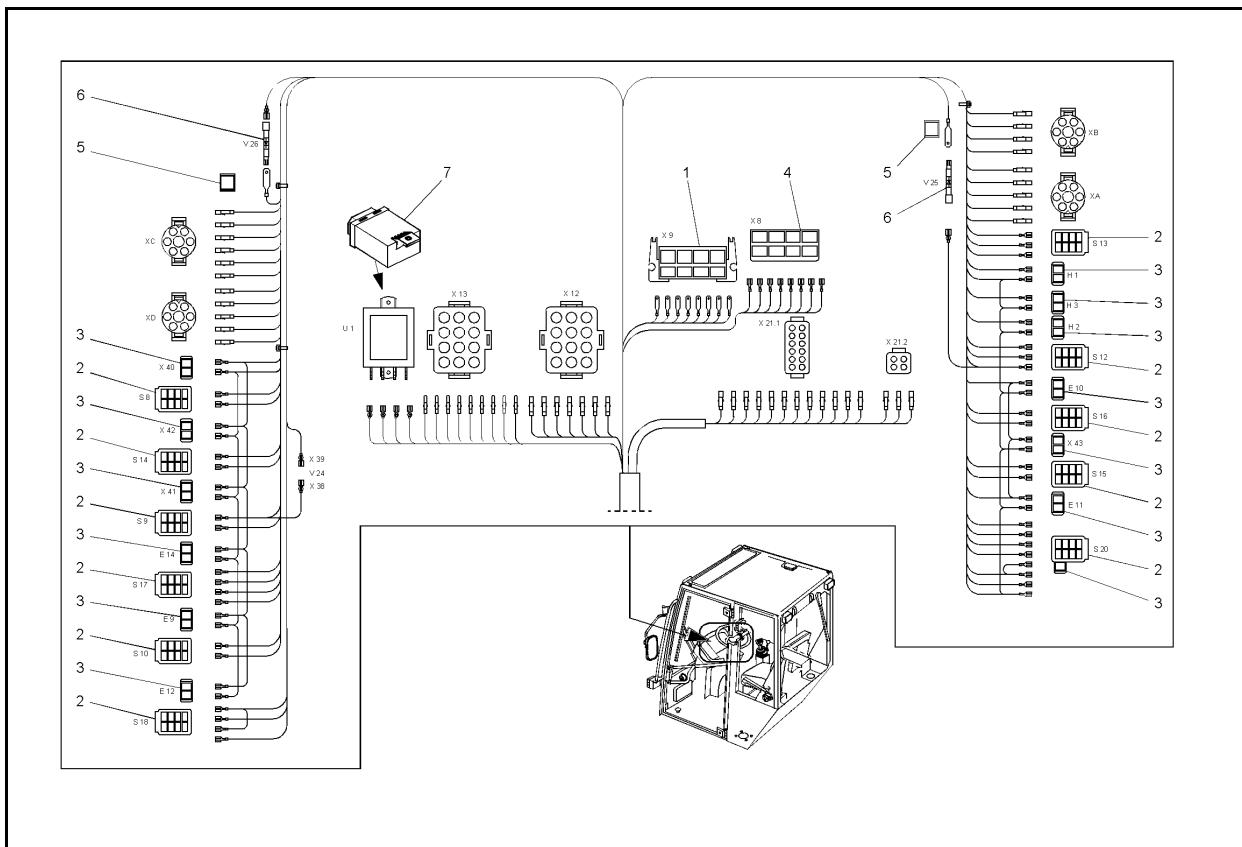
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	*	BATTERY	1	11	0009923528	SPRING WASHER VSK 10	1	
2	0003336407	BATTERY MASTER SWITCH W/KEY	1	12	0003307412	CABLE/GROUND	1	
3	1383350040	BRACKET	1	13	0009932485	COVER PLATE	2	
4	7405677005	HN M8-8 A2C	2	14	0009939150	CLAMP	2	
5	163634	WASHER	2	15	651457	LN INS M6-1 C8 ZY	4	
6	206539	RUBBER BAND 30 X 5 (1.0 M)	1	16	651424	CS M6-1 X 20 C8.8 ZY	2	
7	0003306612	BATTERY CABLE/POSITIVE (+)	1	17	0000801464	KEY	1	
8	0223350097	COVER	1	* Purchase locally; Group size 47, 12V/72AH/570CCA.				
9	0003307912	BATTERY CABLE/NEGATIVE (-)	1					
10	651393	CS M10-1.5 X 25 C8.8 ZY	1					



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			

521T - CAB WIRING HARNESS/INSTRUMENT PANEL

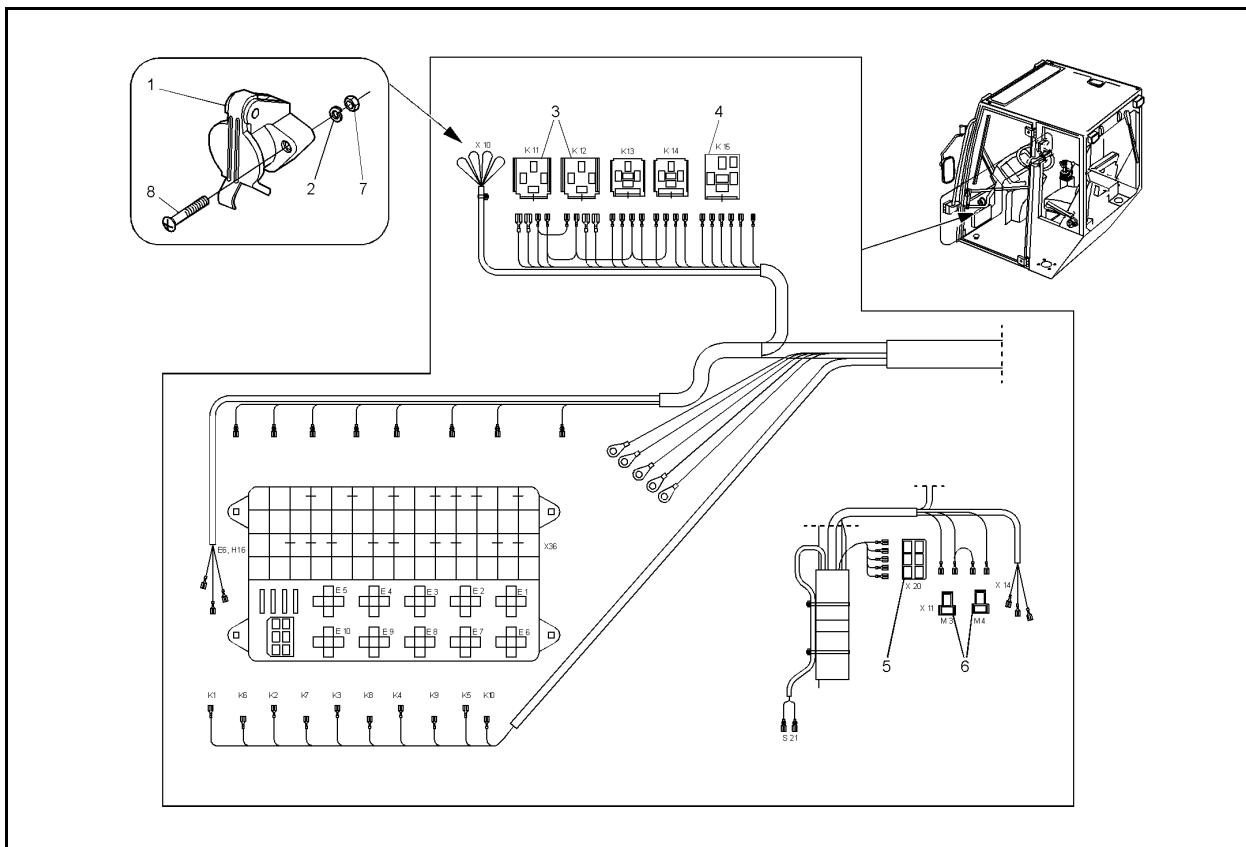
1000137499



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			

521T - CAB WIRING HARNESS/FRONT COMPONENTS

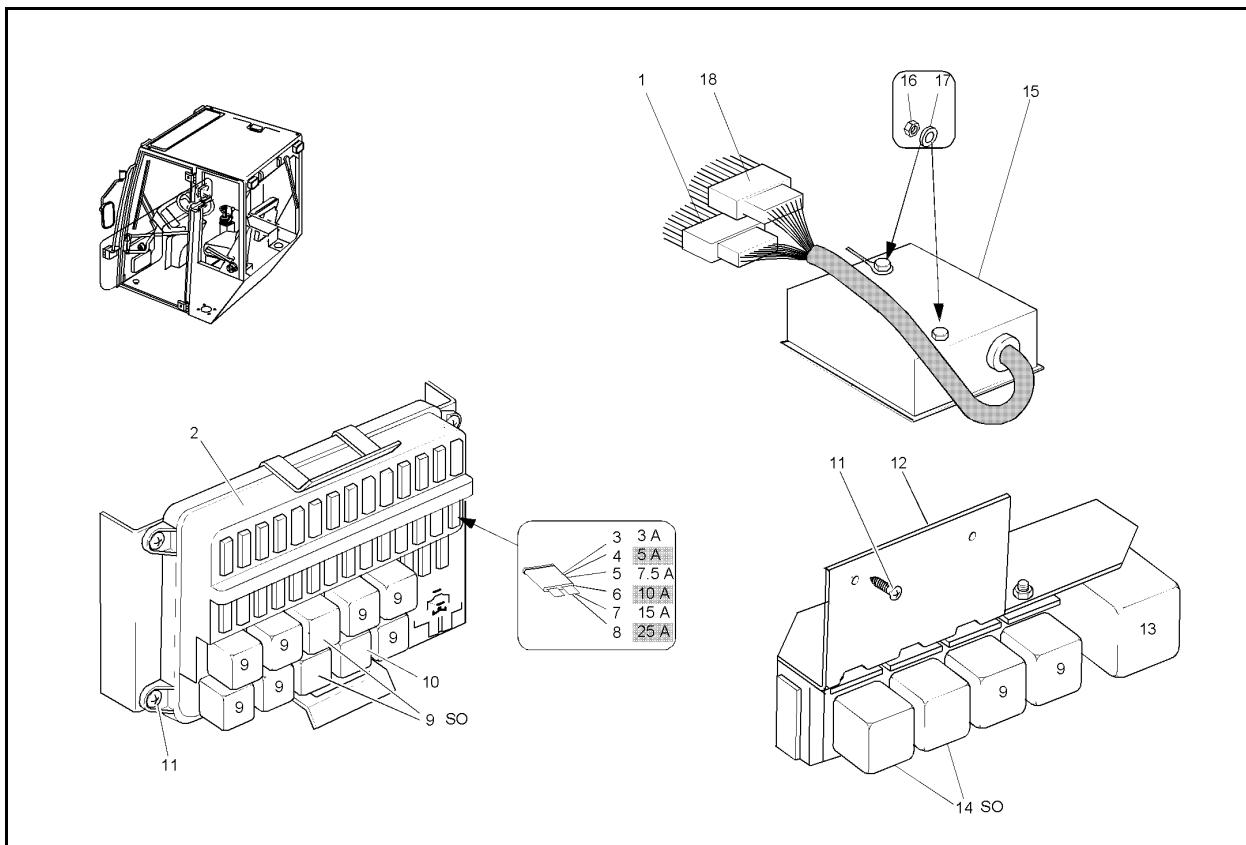
1000137500



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

521T - CAB WIRING HARNESS/FUSE BOX

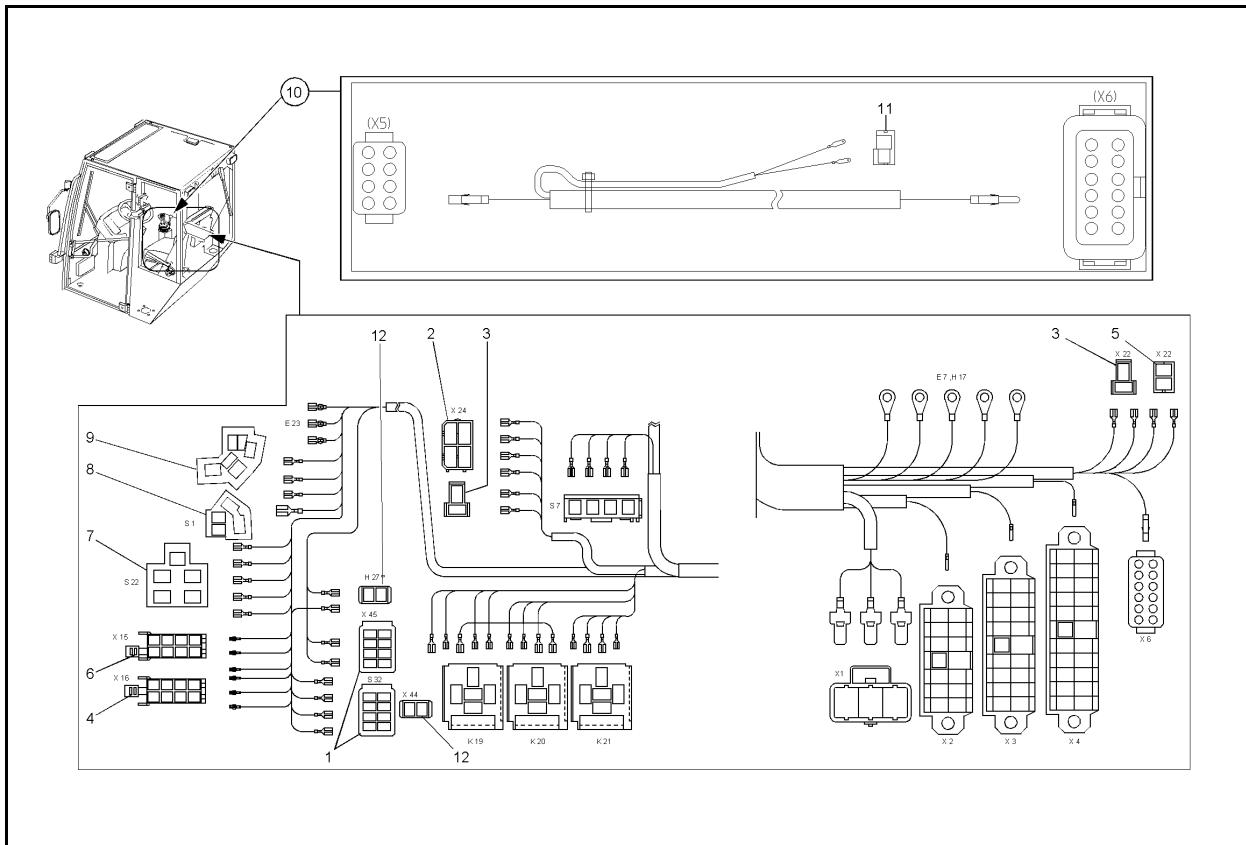
1000137501



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

521T - CAB WIRING HARNESS/REAR COMPONENTS

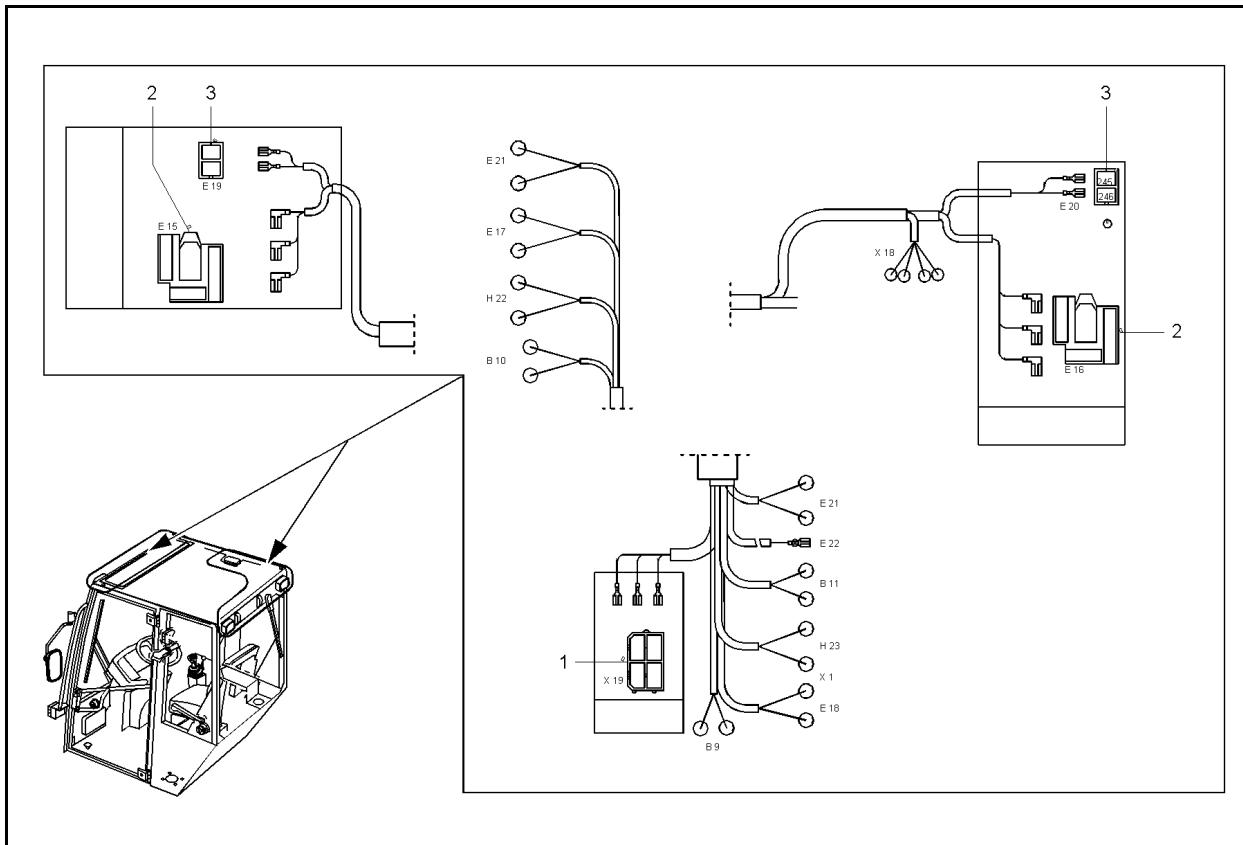
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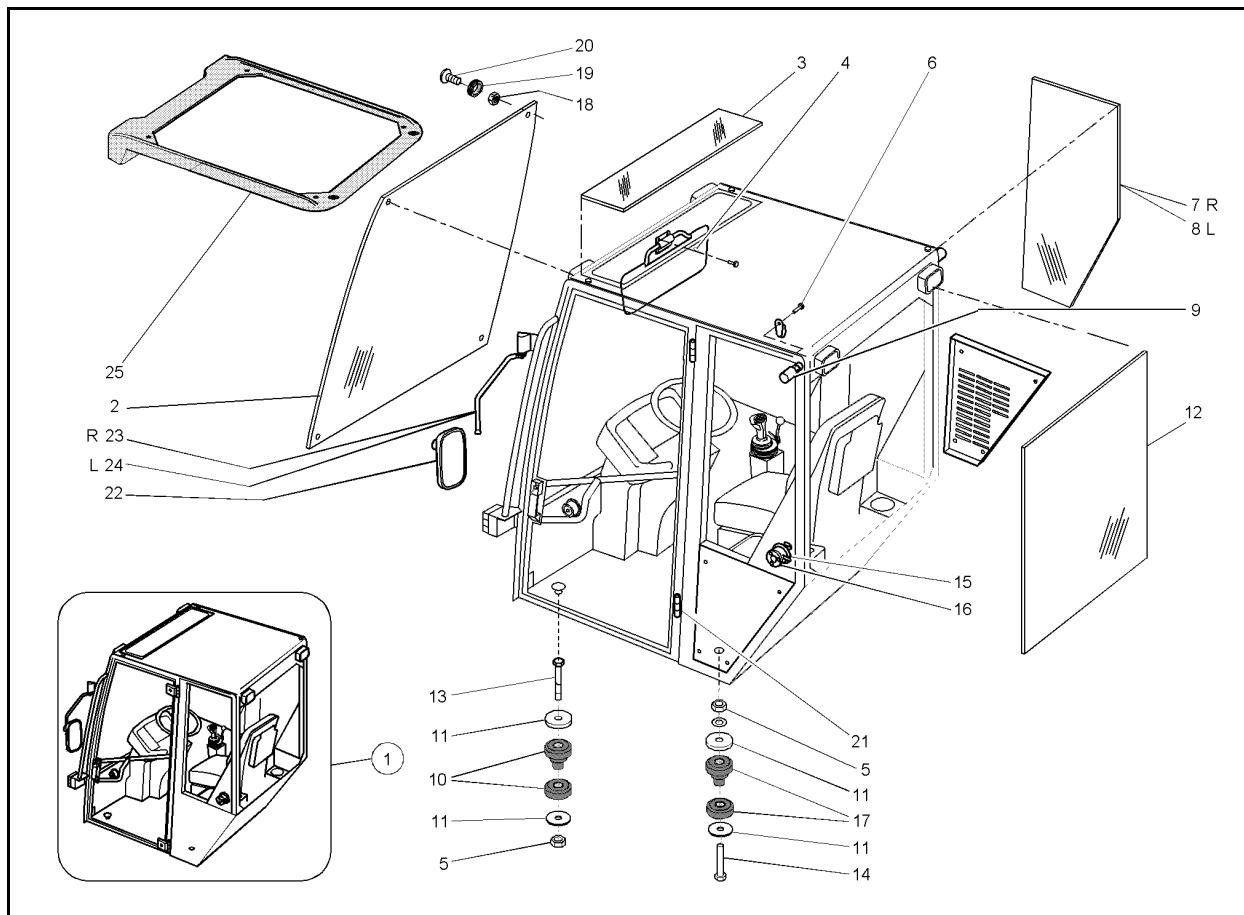
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0000800812	FLAT PLUG	2	7 0000801782	PLUG	1
2 162003	PLUG	1	8 0003335165	CENTRAL PLUG (9.5 mm)	1
3 201821	PLUG	2	9 0003336211	PLUG	1
4 207543	CONNECTOR/SPEAKER	1	10 0393301310	WIRING HARNESS	1
5 9709160G	PLUG	1	11 0003339711	PLUG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

521T - CAB WIRING HARNESS

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			

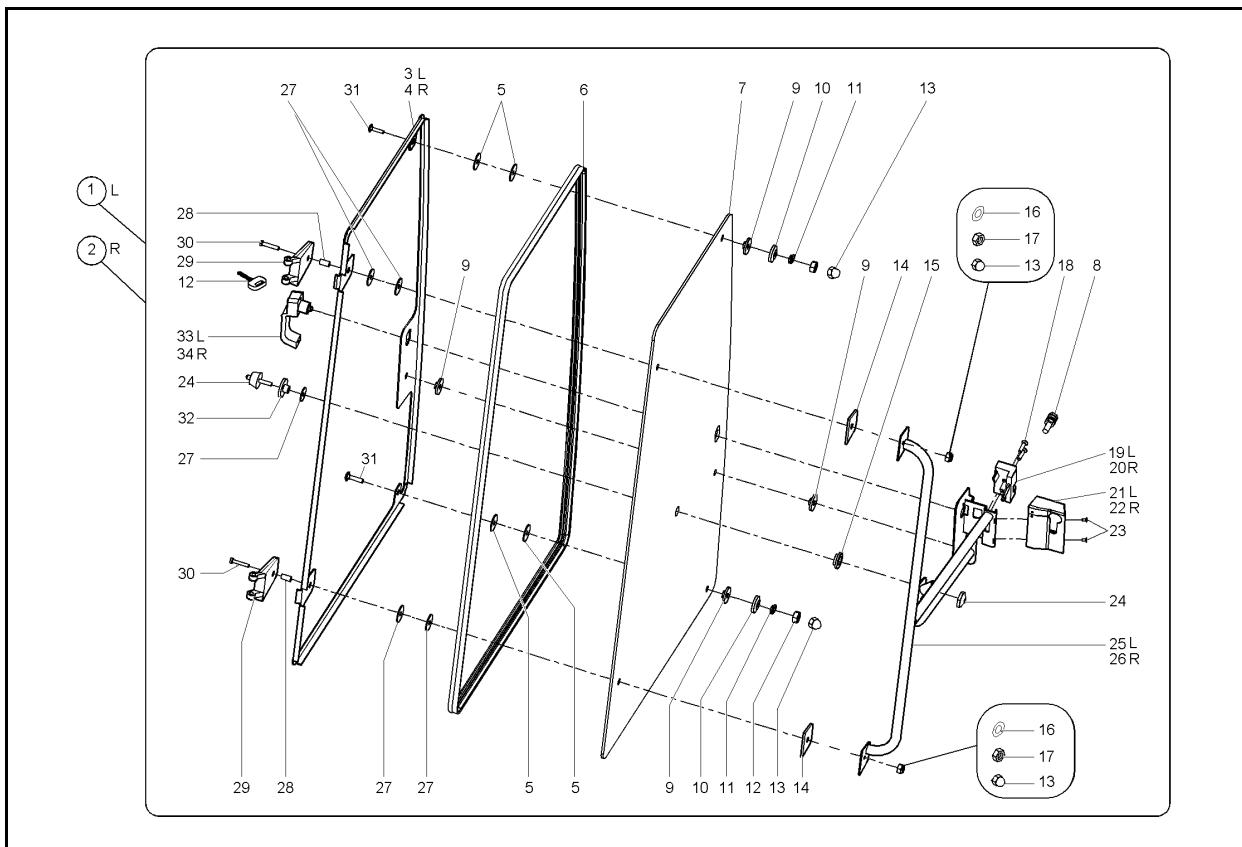


Ref.	No. Part No.	Description	Qty.
1	0493400001	CAB W/DOORS AND WINDOWS	1
2	0000809394	FRONT WINDOW	1
3	0000809400	ROOF WINDOW	1
4	0000809402	SUN VISOR	1
5	651451	HLN INS M16-2.0 ZO	4
6	162869	SCREW	2
7	0000809396	SIDE WINDOW RT	1
8	0000809397	SIDE WINDOW LT	1
9	0000809374	BUFFER	2
10	0009934784	BEARING/FRONT	2
11	0009933663	WASHER	8
12	0000809395	REAR WINDOW	1
13	7234677179	HS M16 X 100-8.8 A2C	2

Ref.	No. Part No.	Description	Qty.
14	7234678182	HS M16 X 130	2
15	0000801806	DOOR LOCK BASE	2
16	0000801804	DOOR LOCK	2
17	0009934884	BEARING/REAR	2
18	656047	HN M6-1 C8 ZY	4
19	0000809076	ISOLATOR	4
20	0000809054	PAN HEAD SCREW	4
21	0000809409	DOOR HINGE LT	2
22	0000801594	MIRROR	2
23	0000809388	MIRROR BRACKET RT	1
24	0000809387	MIRROR BRACKET LT	1
25	0383410013	ROOF LIGHT BAR	1

521T - CAB DOORS

1000137505

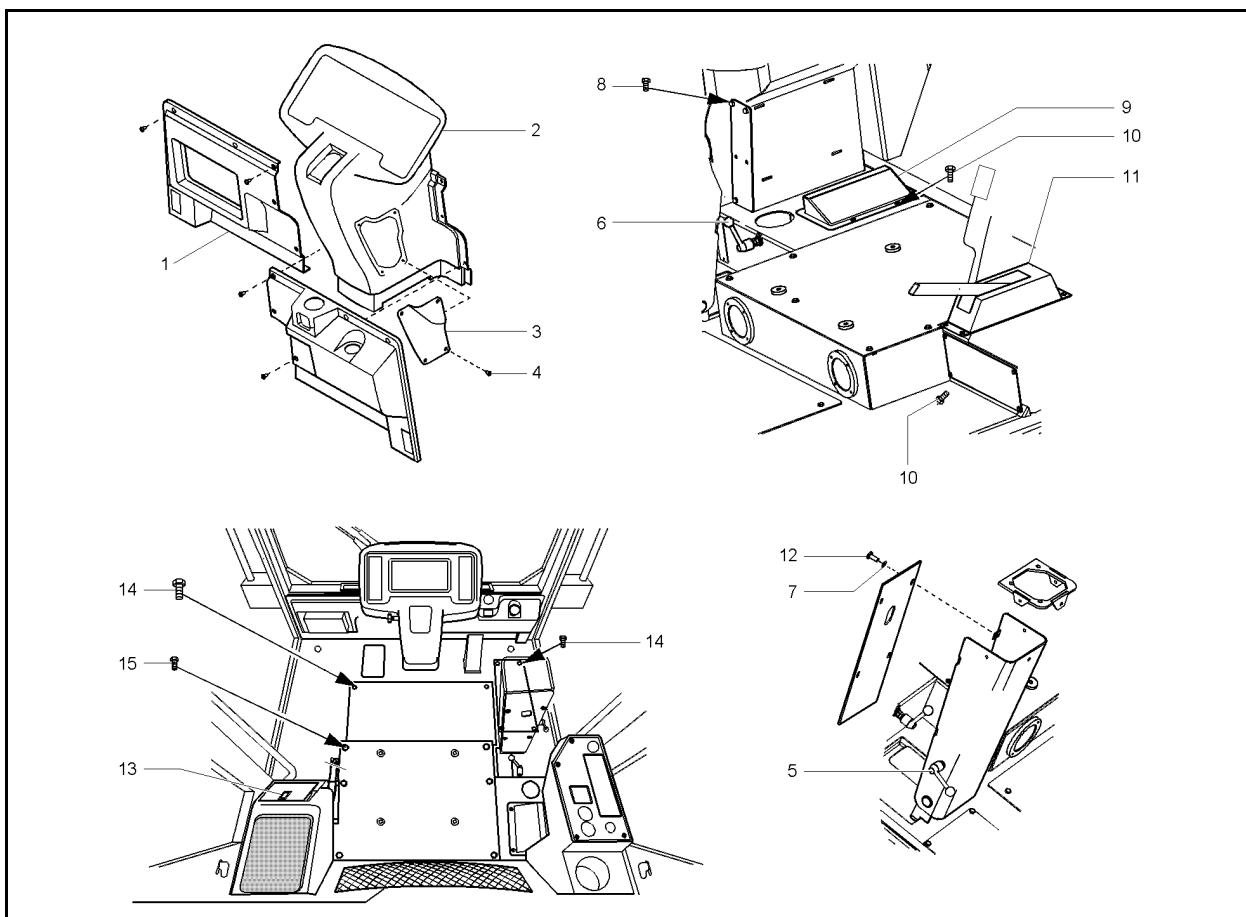


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000809410	DOOR COMPLETE LT	1	19	0000809459	LOCK LT	1
2	0000809448	DOOR COMPLETE RT	1	20	0000809458	LOCK RT	1
3	0000809434	PROTECTIVE PLATE LT	1	21	0000801655	COVER	1
4	0000809435	PROTECTIVE PLATE RT	1	22	0000801656	COVER	1
5	0000809043	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.

521T - 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.

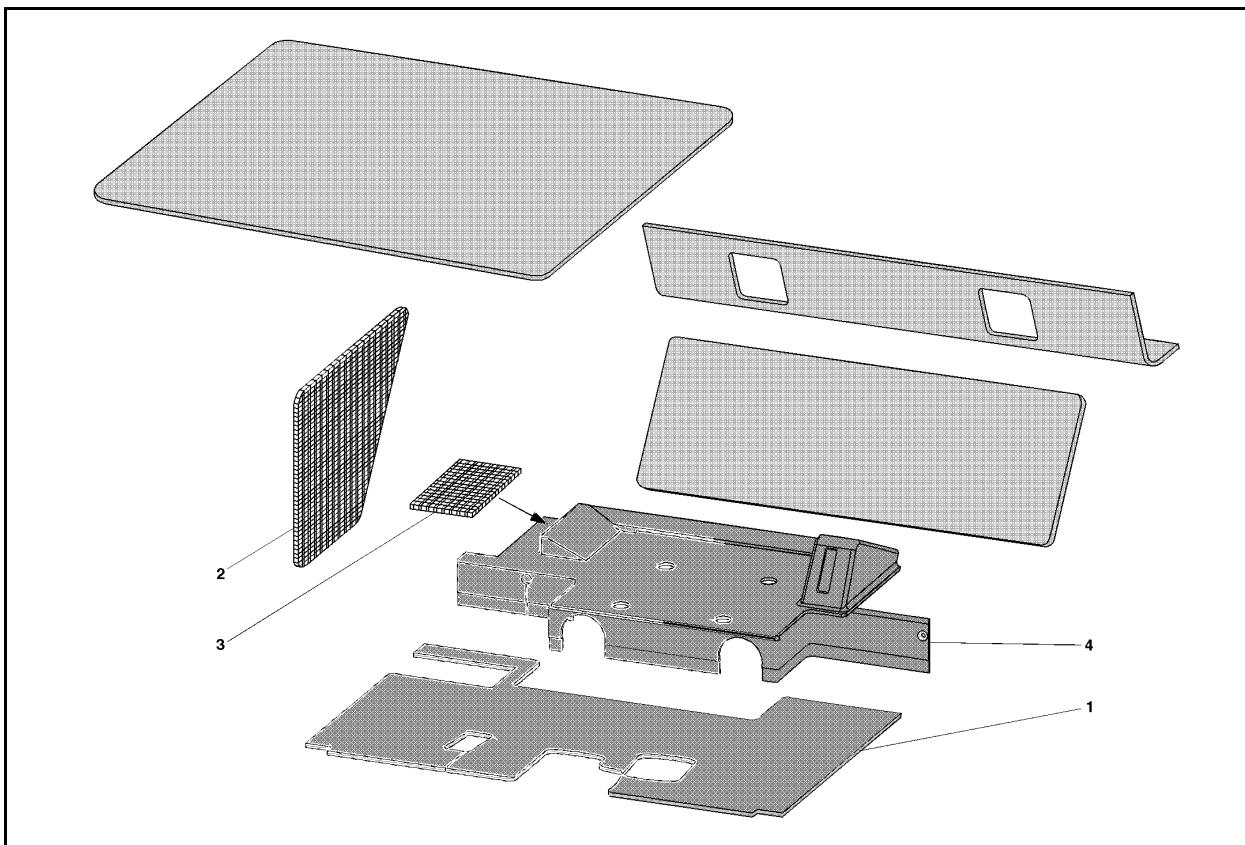
Description

Qty.

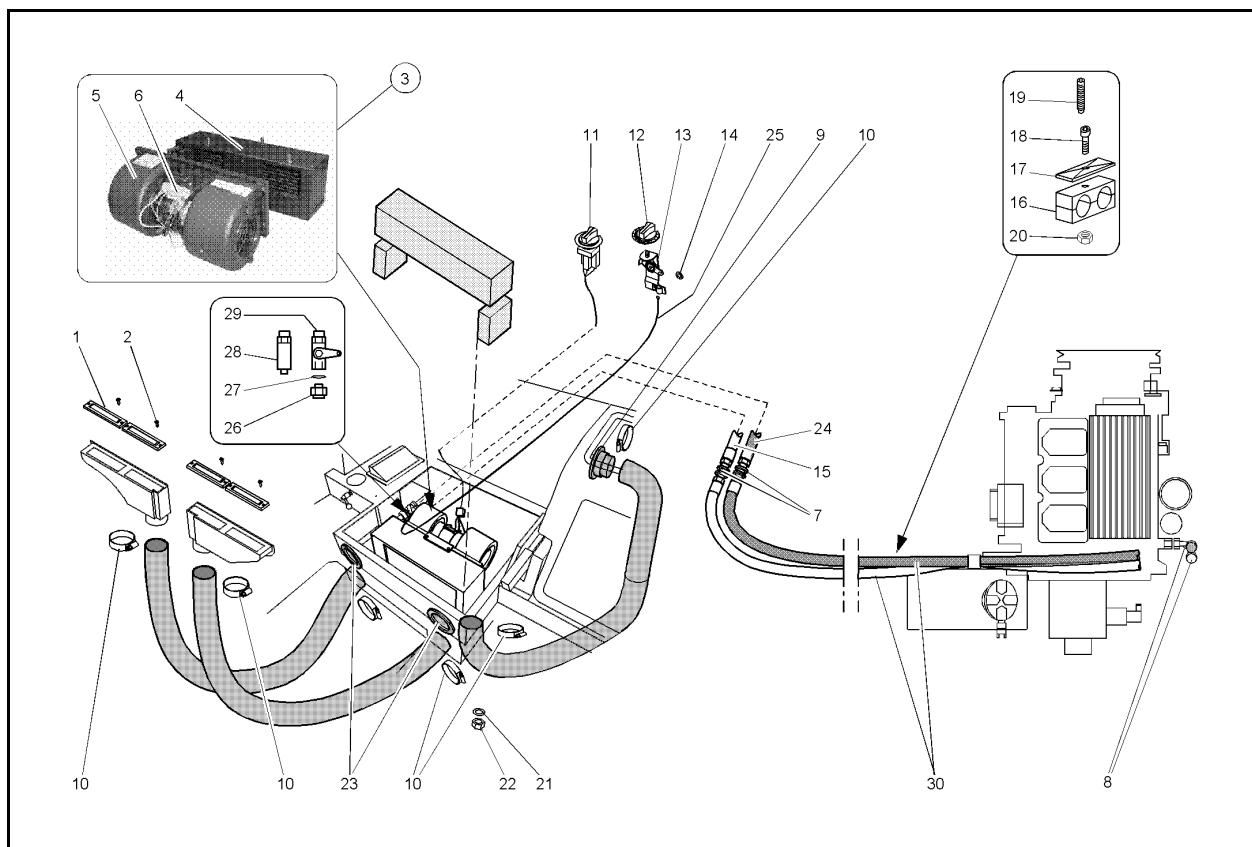
9	0000809426	COVER	1
10	7236677055	HS M5 X 12-8.8 A2C	1
11	651424	CS M6-1 X 20 C8.8 ZY	1
12	656092	CS M6-1 X 12 C8.8 ZY	4
13	0000809386	HOOK	1
14	7236677079	HS M6 X 16-8.8 A2C	1
15	656006	CS M10-1.5 X 20 C8.8 ZY	1

521T - CAB MATS & FILTERS

1000137507



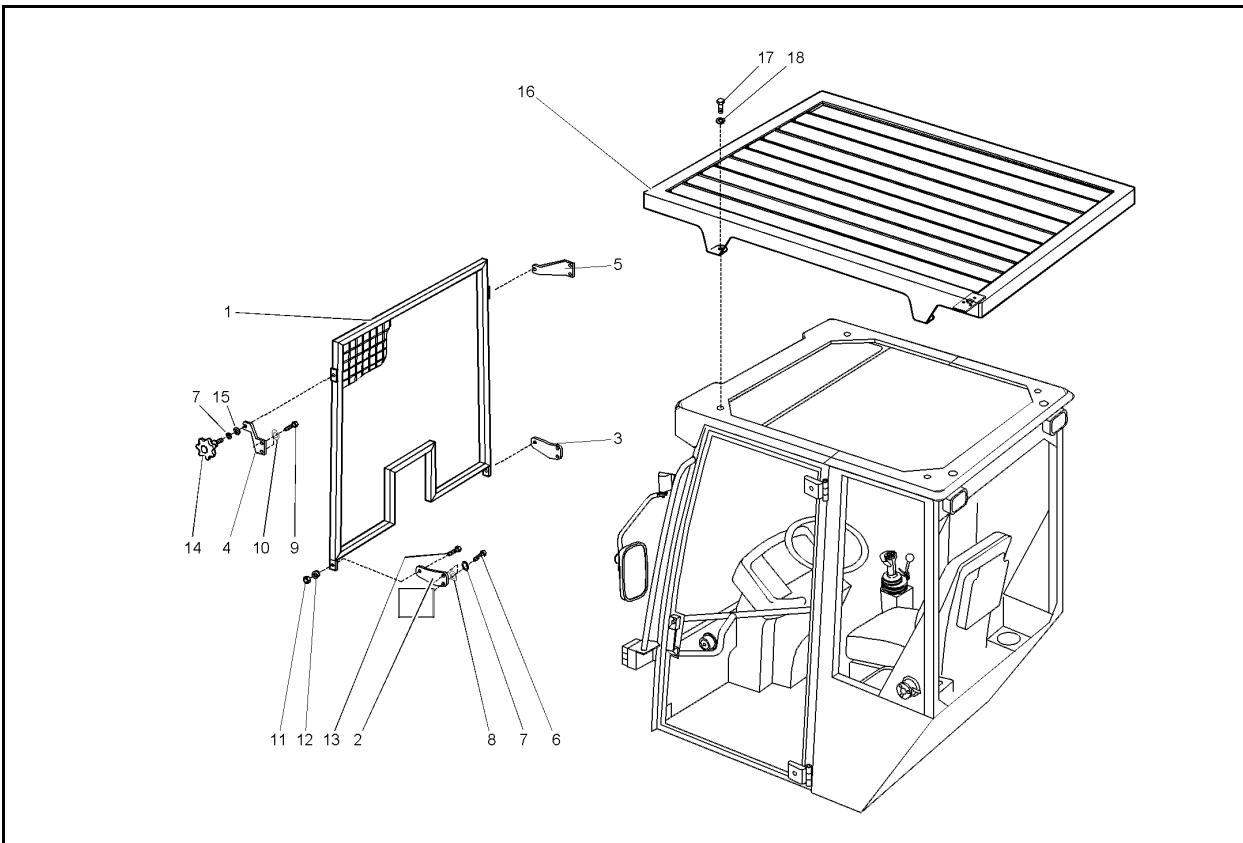
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0383410888	FLOOR MAT	1	3 0000809419	FILTER/RECIRCULATED AIR	1
2 0000809420	FILTER	1	4 0383410788	FLOOR MAT	1



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

521T - CAB PROTECTION SCREENS

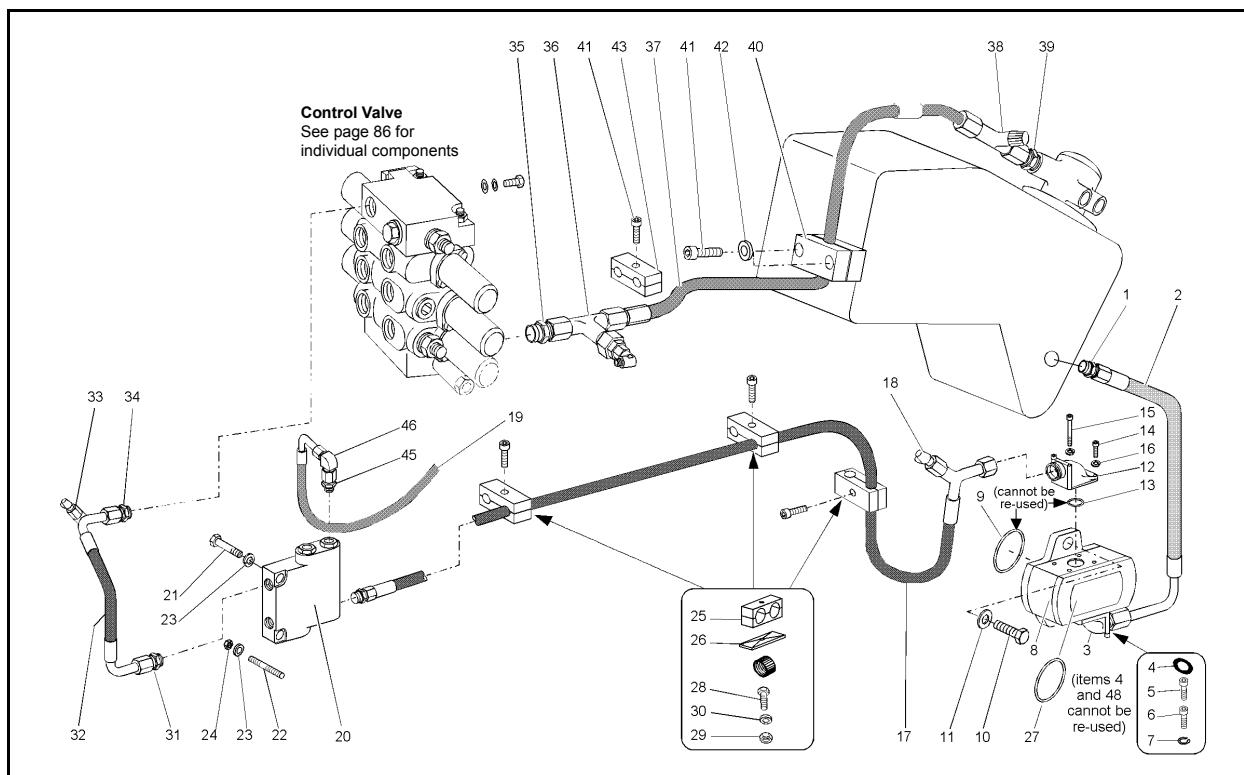
1000137508



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

521T - HYDRAULIC OIL CIRCULATING SYSTEM

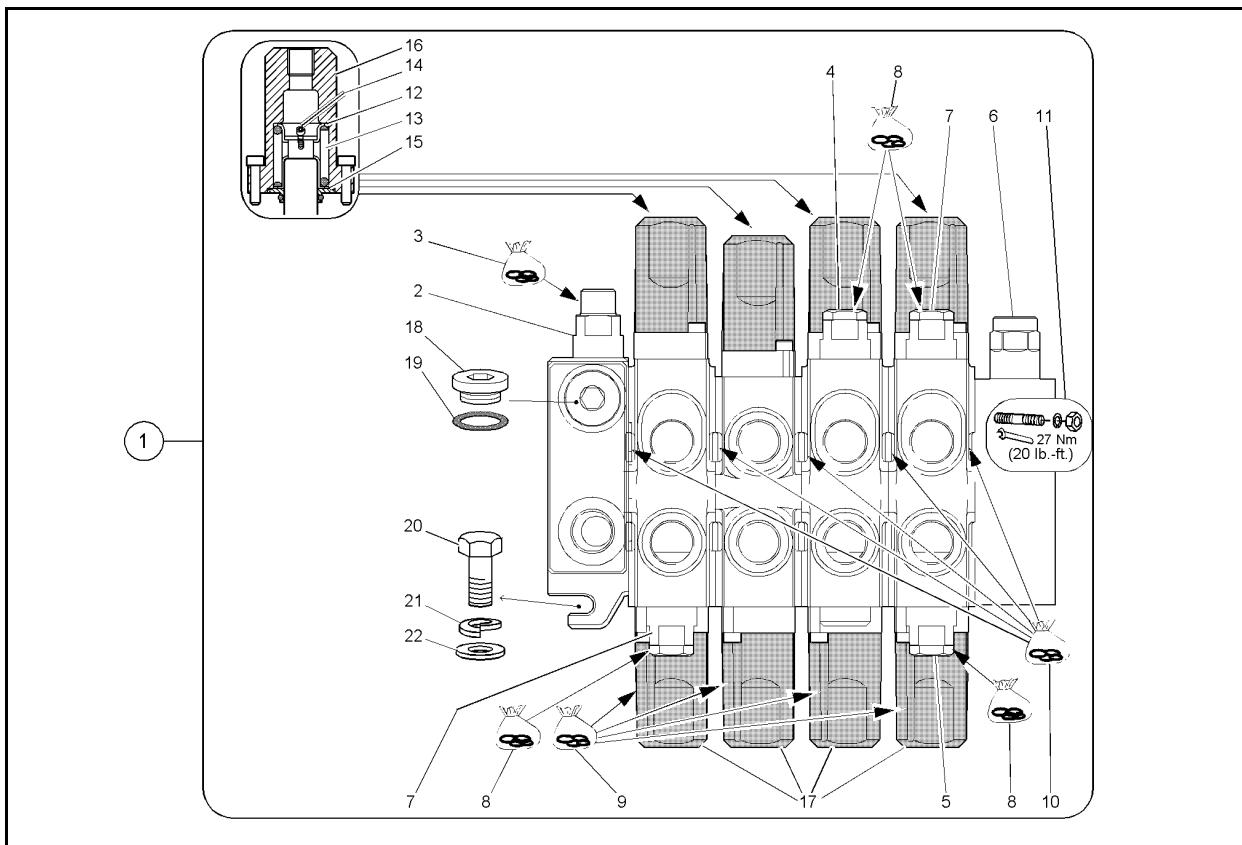
1000138105



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	0003659212	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

521T - HYDRAULIC SYSTEM CONTROL VALVE

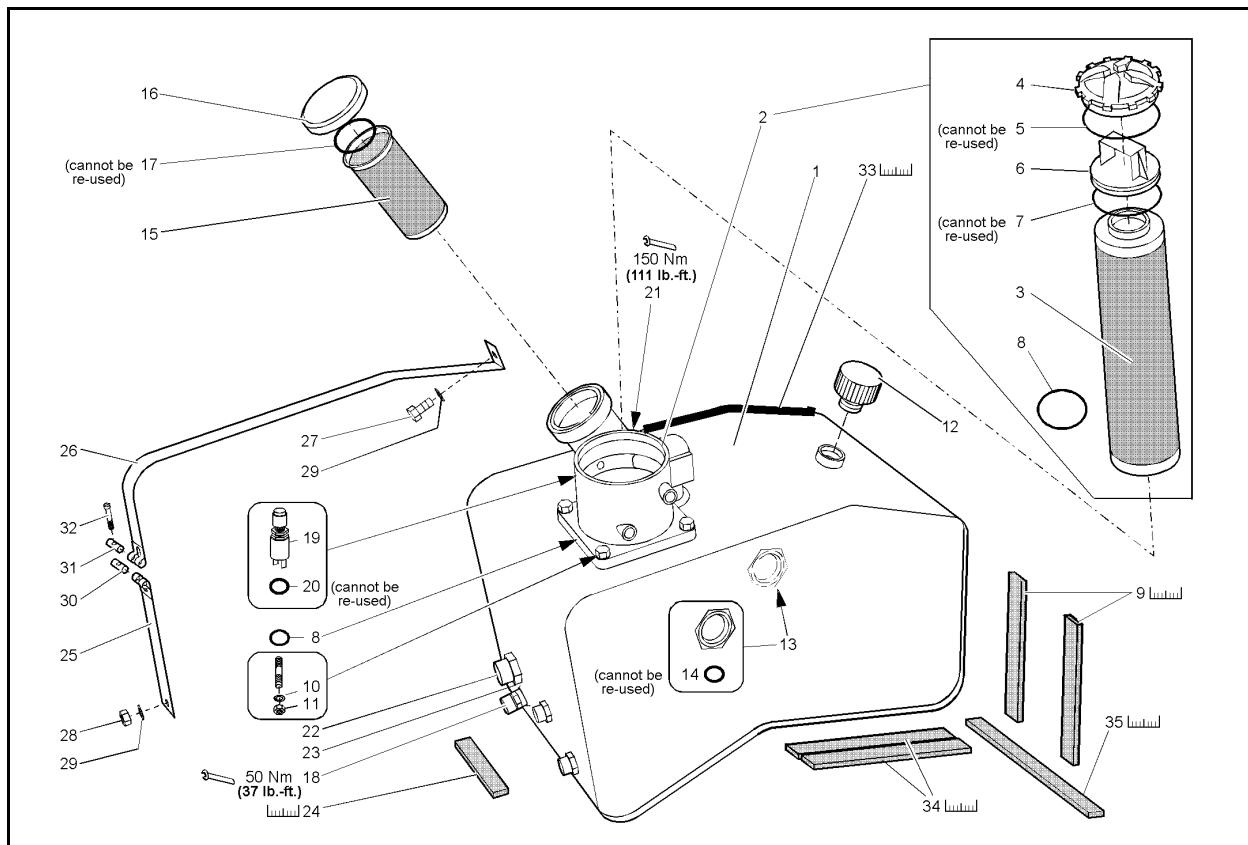
1000138106



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0003617686	CONTROL VALVE	1	12	0000805117	GUIDE	4
2	0000802225	PRESSURE RELIEF VALVE (3,408 PSI)	1	13	203864	SPRING	4
3	0465010310	SEAL KIT	1	14	0000805119	SCREW	4
4	0000809346	ANTI-CAVITATION VALVE	1	15	0000805120	GUIDE	4
5	0000803752	PRESSURE RELIEF VALVE (1,450 PSI)	1	16	0000805121	COVER	4
6	0000802243	PILOT PRESSURE INSERT	1	17	203863	COVER	4
7	0000808927	VALVE	2	18	0009900210	SCREW PLUG	1
8	0465010310	SEAL KIT	4	19	7593641035	SEALING RING A22 X 29	1
9	0000802226	SEAL KIT HPD 2	4	20	177648	HEX SCREW	3
10	0465010510	SEAL KIT	4	21	206958	WASHER	3
11	204626	TIE ROD KIT	1	22	7462680011	WASHER 8.4 ST A2C	3

521T - HYDRAULIC OIL TANK

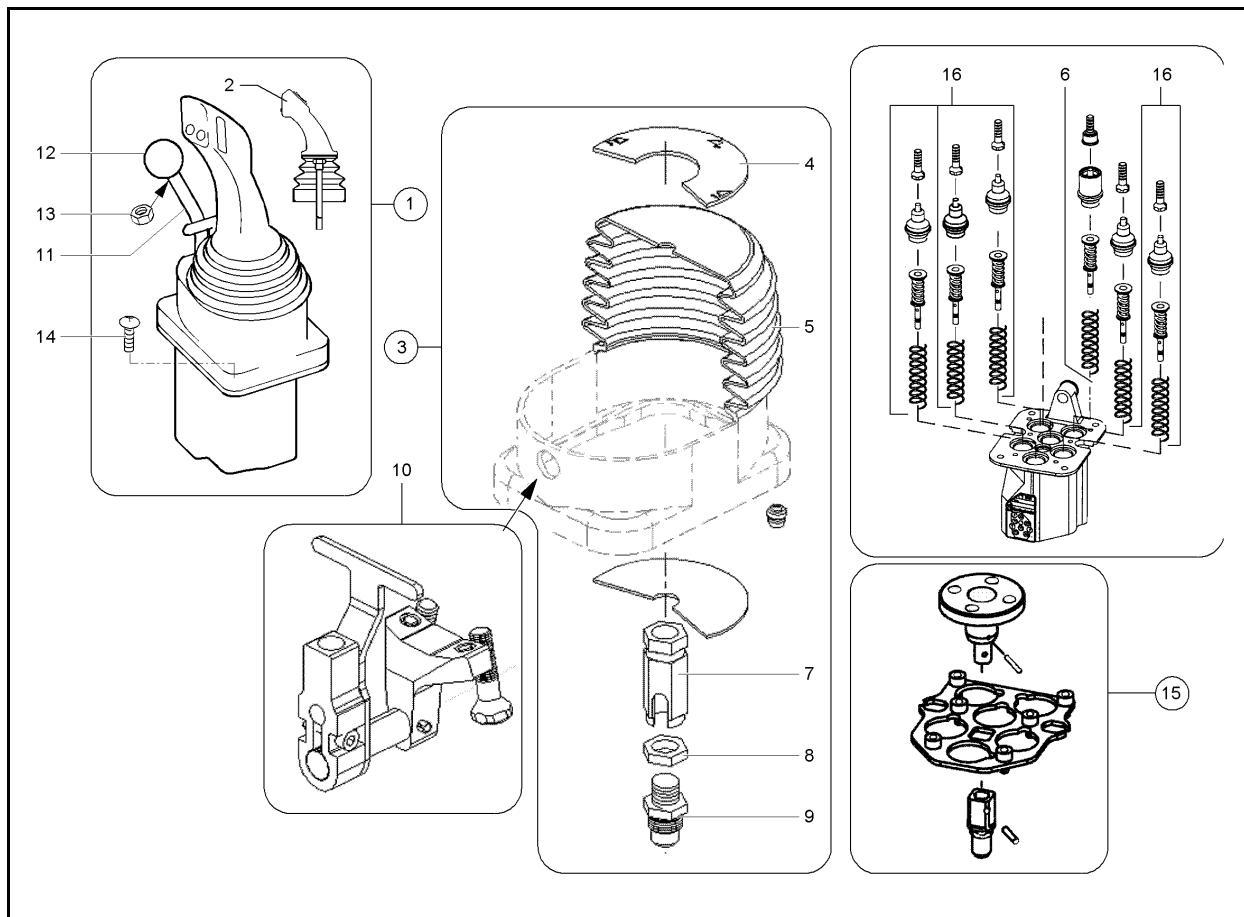
1000137511



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				

521T - PILOT VALVE

1000138108



Ref.

No. Part No.

Description

Qty.

1	0003611377	PILOT VALVE (STANDARD)	1
2	0383600918	CONTROL LEVER (JOYSTICK)	1
3	0000808859	VALVE/LOWER BODY COMPLETE	1
4	0000808856	WASHER 35.5	1
5	0000808858	BELLOWS	1
6	202446	PUSH ROD	1
7	0000808854	ADAPTOR	1
8	7404677212	HN M14 X 1.5	1

Ref.

No. Part No.

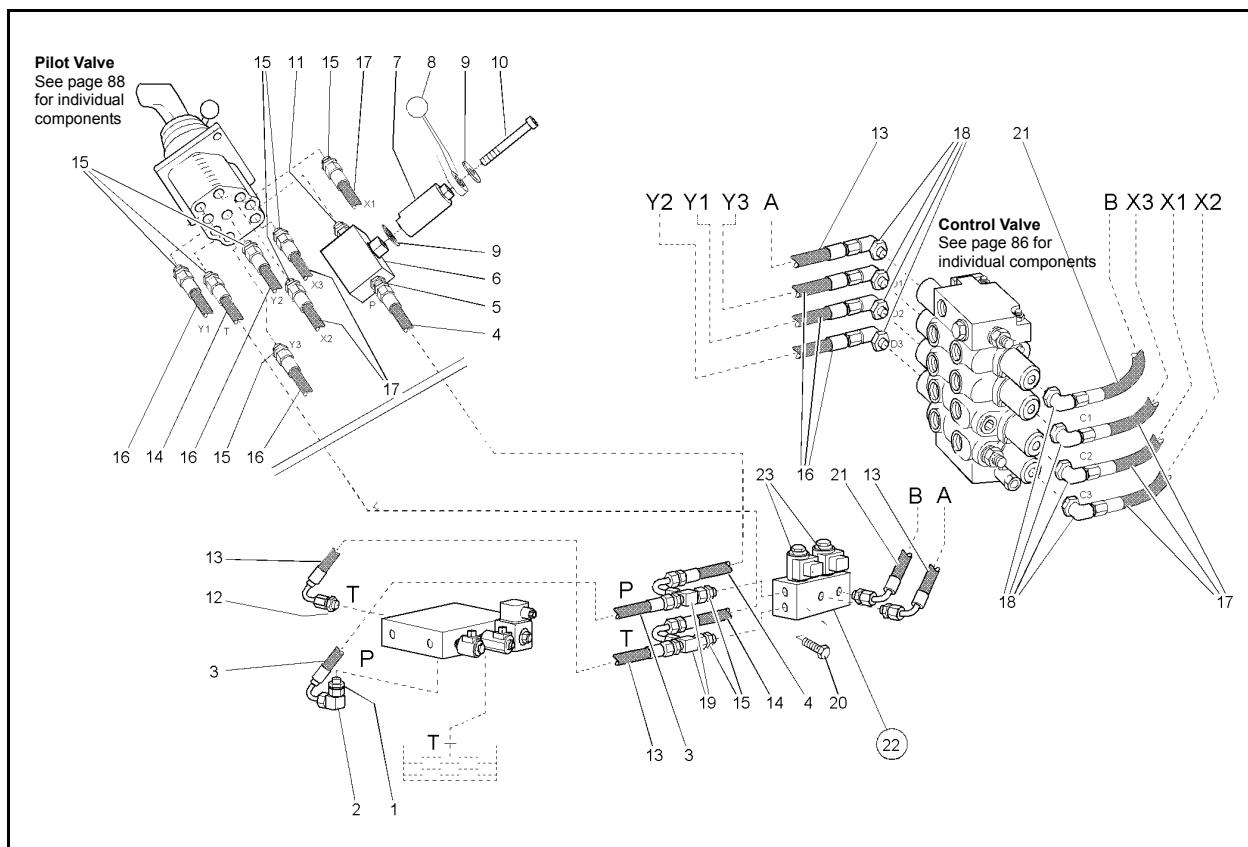
Description

Qty.

9	0000808855	STUD/PIVOT	1
10	0000808860	CONTROL	1
11	0383611618	CONTROL LEVER (3RD CONTROL CIRCUIT)	1
12	0009966446	BALL HANDLE	1
13	656102	HN M10-1.25 F8 ZY	1
14	7286671503	PAN HEAD SCREW M6 X 16-4.8 H	4
15	0000808861	PLATE	1
16	0000809507	PUSH ROD	5

521T - PILOT VALVE INSTALLATION

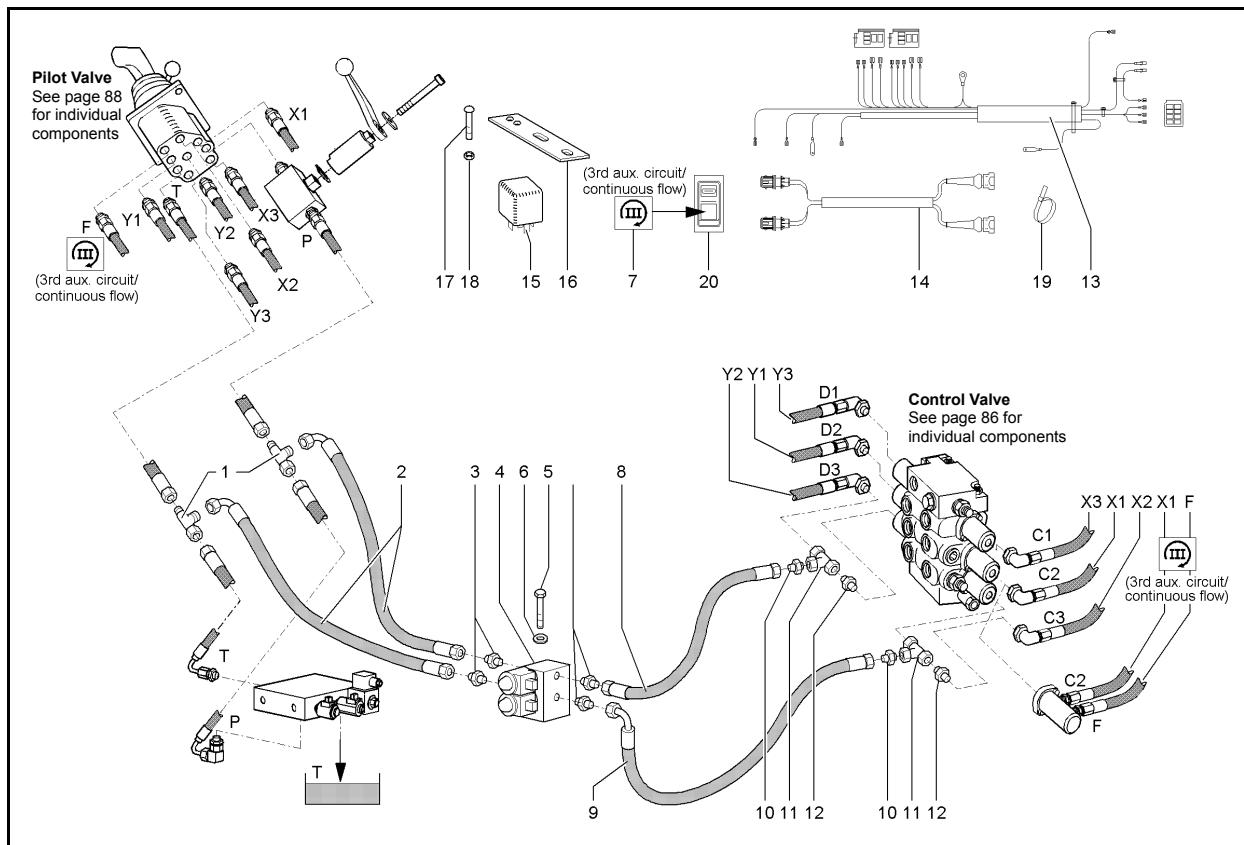
1000138107



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003631666	SCREW CONNECTION	1	13 0003652614	HP HOSE	2
2 165962	90° FITTING	1	14 0003654614	HP HOSE	1
3 0003652514	HP HOSE	1	15 0003639264	SCREW CONNECTION	9
4 0003654714	HP HOSE	1	16 0003654514	HP HOSE	3
5 0003636348	SCREW CONNECTION	1	17 0003654414	HP HOSE	4
6 0003600184	BALL VALVE ASSY	1	18 0003639868	SCREW CONNECTION	8
7 0383630083	EXTENSION PIECE	1	19 0003637664	SCREW CONNECTION	2
8 0003610918	SHIFT LEVER	1	20 7236677079	HS M6 X 16-8.8 A2C	2
9 161665	WASHER/GR A5.3	1	21 0003652714	HP HOSE	1
10 7286671075	PAN HEAD SCREW M5 X 50-4.8 A2C	1	22 0003612177	SOLENOID VALVE	1
11 0003631071	SCREW CONNECTION	1	23 209877	SOLENOID	2
12 0003631320	SCREW CONN. GE 10 LM M12 X 1.5 O.M D	1			

521T - ELECTRICAL CONTROL CIRCUIT

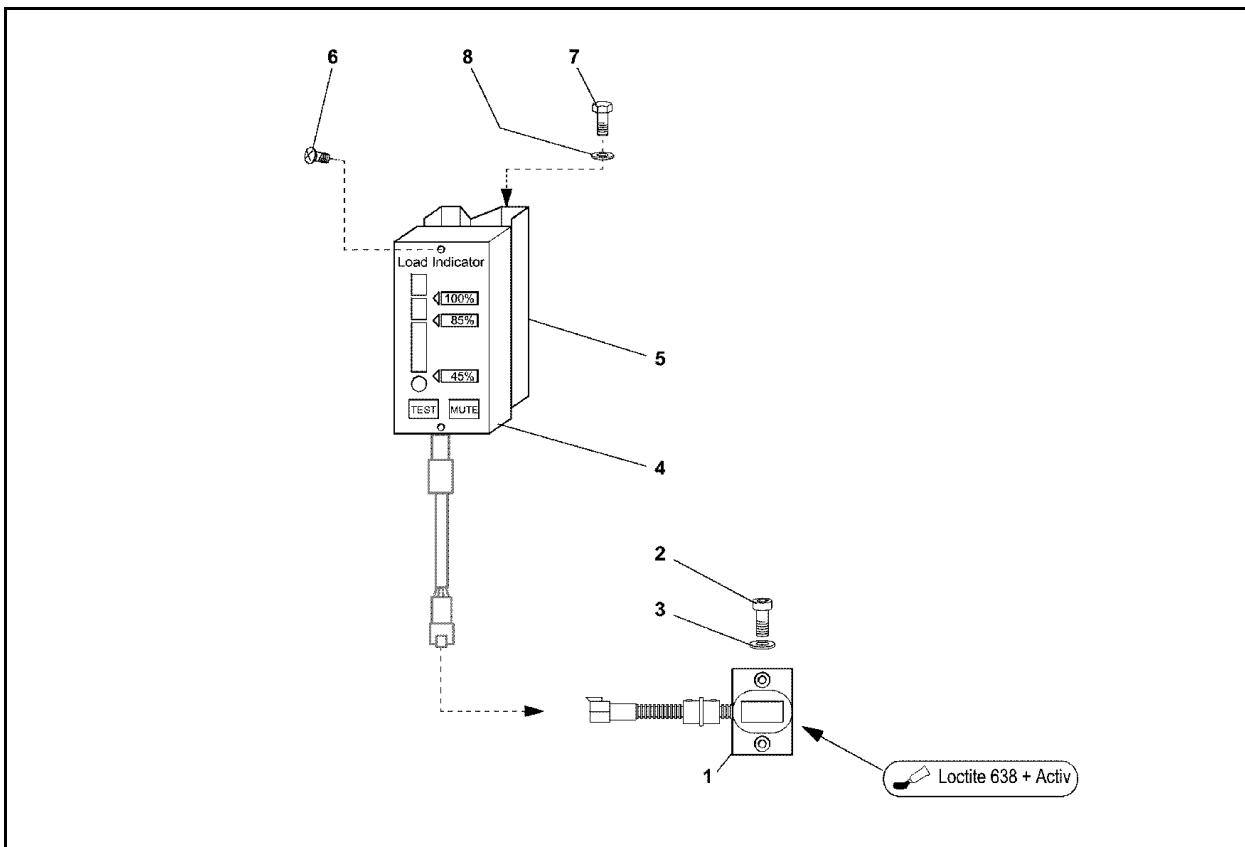
1000155837



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

521T - SAFE LOAD INDICATOR

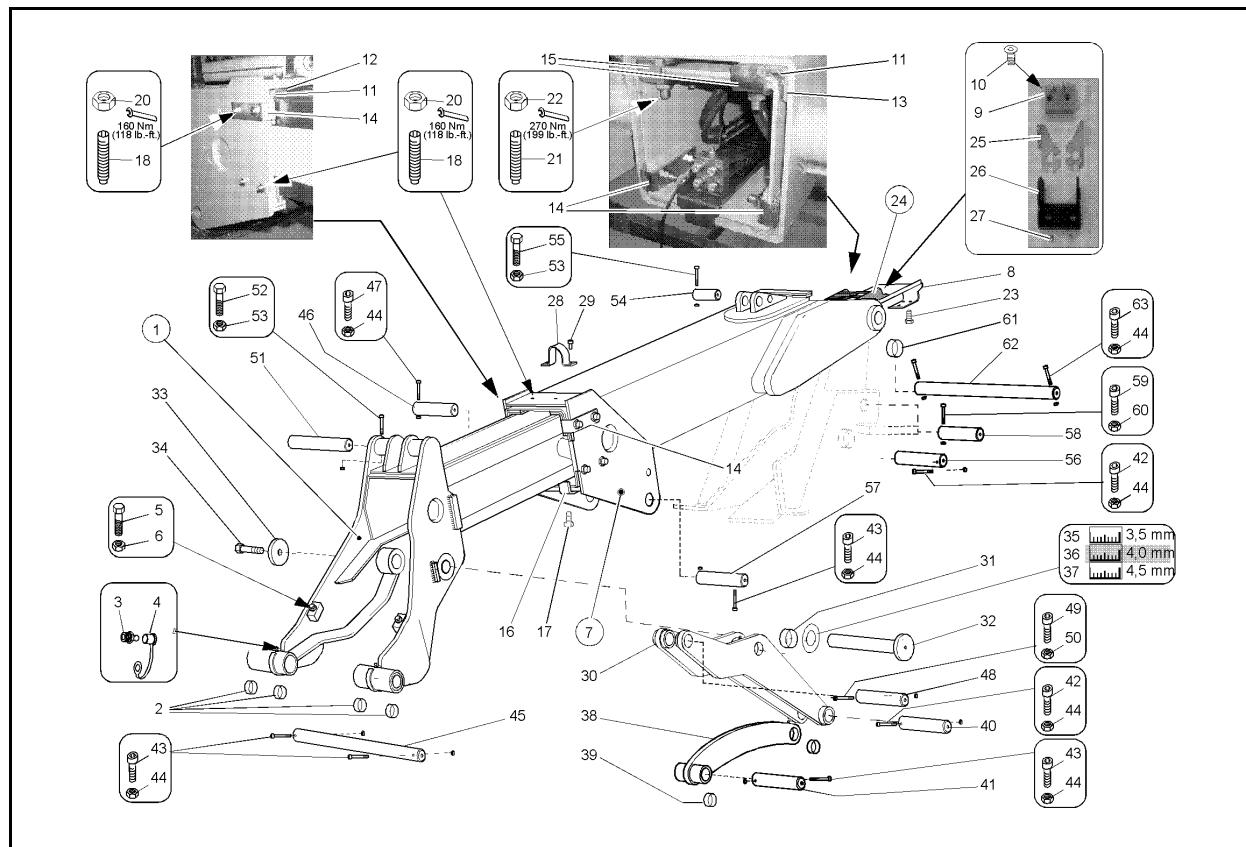
1000138104



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003364603	SENSOR	1	5 0393330340	BRACKET	1
2 651472	SHCS M10-1.25 X 20 F8.8 ZY	2	6 7286671503	PAN HEAD SCREW M6 X 16-4.8 H	2
3 0009925228	SPRING WASHER VSKZ 10	2	7 656092	CS M6-1 X 12 C8.8 ZY	2
4 0003361907	LOAD INDICATOR	1	8 7451680109	WASHER B6.4-140HV A2C	2

521T - TELESCOPING BOOM

1000138110



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0264100419	LIFT FRAME	1	23 177648	HEX SCREW	3
2 0009942155	BUSHING 40.05 X 50 X 40	4	24 0009960860	GUIDE CHAIN LG 1568	1
3 7761675404	GREASE ZERK	9	25 0000807543	CONNECTING PIECE	1
4 0009963251	COVER	9	26 0000807544	SUSPENSION	1
5 0009954668	LIMIT STOP M16 X 1.5 X 45-8.8 A3C	2	27 656092	HEX SCREW	4
6 7403677733	HN M20-8 A2C	2	28 0264160037	BOW CLIP T10 FE/ZN 12 C	1
7 0264100219	LIFT FRAME	1	29 651481	SHCS M12-1.75 X 30 C8.8 ZY	1
8 0264100419	GUIDE RAIL	1	30 0264100038	TIILT LEVER COMPLETE	1
9 0264160180	SLIDER	1	31 0009942955	BUSHING	2
10 0009963151	COVER	2	32 0264100193	PIN COMPLETE	1
11 0264160080	WEAR PAD	8	33 0264160052	WASHER	1
12 0264100044	CLAMSHELL FE/ZN 12 C	4	34 7236677305	HS M20 X 50-8.8 A2C	1
13 0264100144	BRACKET	4	35 0009979120	SPACER (4.0MM)	AR
14 0264160558	LIMIT STOP T8 FE/ZN 12 C	4	36 0009979020	SPACER (3.5MM)	AR
15 0264160958	LIMIT STOP	2	37 0009979220	SPACER (4.5MM)	AR
16 0264160458	LIMIT STOP	2	38 0264100080	TIILT ROD	1
17 7236677245	HS M16 X 35-8.8 A2C	4	39 0009942955	BUSHING	4
18 7382678072	THREADED PIN M16 X 45-22H A2C	8	40 0264160893	PIN D 40 LG 170	1
19 7382677075	THREADED PIN M16 X 60-22H A2C	8	41 0264160993	PIN D 40 LG 250	1
20 656052	HN M16-2 C8 ZY	16	42 179771	SCREW	2
21 7382677102	THREADED PIN M20 X 70-22 A2C	4	43 7252677058	SHCS M8 X 90-8.8 A2C	4
22 7403677733	HN M20-8 A2C	6	44 651448	LN INS M10-1.5 C8 ZY	6
			45 0264161493	PIN D 40 LG 861	1
			46 0264100093	PIN COMPLETE	1

521T - TELESCOPING BOOM**1000138110****Ref.**

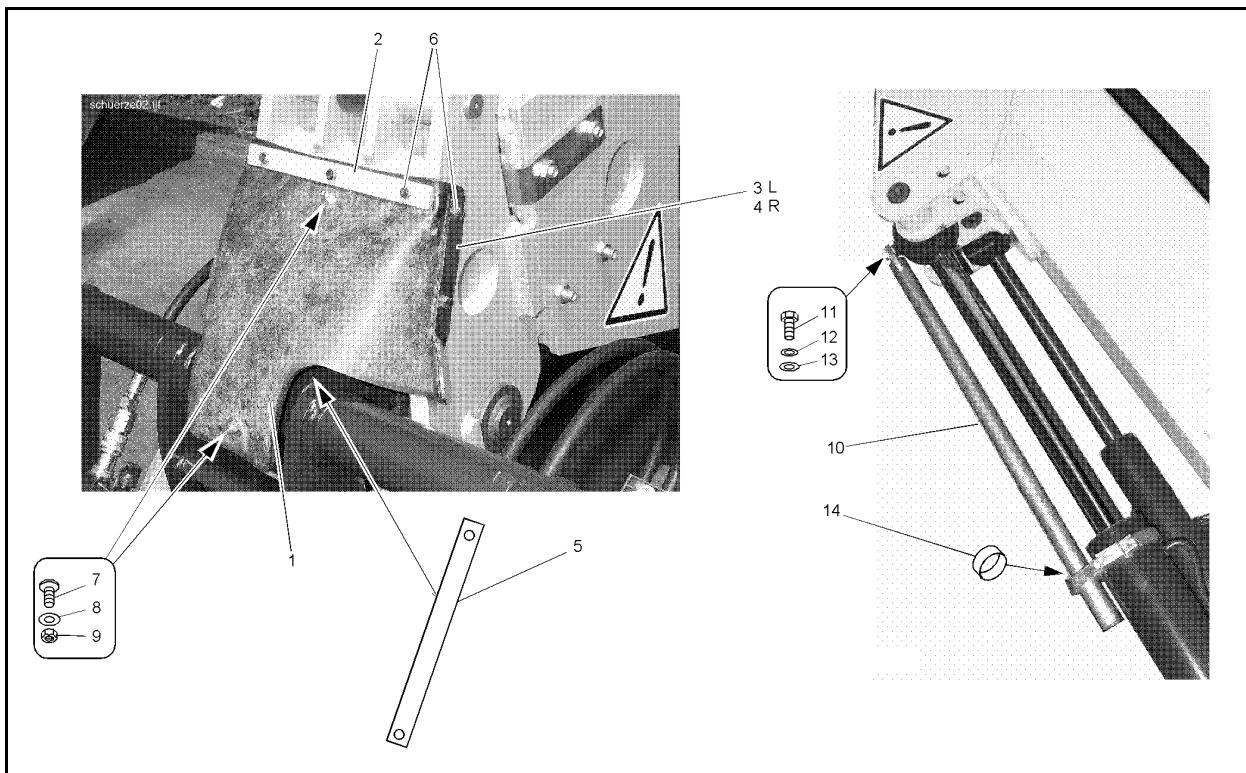
No.	Part No.	Description	Qty.
47	177648	HEX SCREW	1
48	0264161093	PIN D 45 LG 143.5	1
49	7252677056	SHCS 8 X 75-8.8 A2C	1
50	656048	HN M8-1.25 C8 ZY DIN934	1
51	0264160493	PIN D 30 LG 300	1
52	209280	HEX SCREW	1
53	656047	HN M6-1 C8 ZY	3
54	0264160393	PIN D 30 LG 134	1
55	7252677040	SHCS 6 X 55-8.8 A2C	1

Ref.

No.	Part No.	Description	Qty.
56	0264161193	PIN	1
57	0264160693	PIN	1
58	0264160593	PIN	1
59	7252677056	SHCS 8 X 75-8.8 A2C	1
60	7405677005	HN M8-8 A2C	1
61	0009942355	BUSHING 50 X 60 LG 50	2
62	0164160193	PIN D 50 LG 602	1
63	179771	SCREW	2

521T - BOOM FRAME TRIM

1000138111



Ref.

No. Part No.

Description

Qty.

1	0264160073	COVER	1
2	0264160142	STRIP T4 FE/ZN 12 C	1
3	0264160242	STRIP LI T4 FE/ZN 12 C LT	1
4	203846	STRIP LI T4 FE/ZN 12 C RT	1
5	0264160916	REINFORCEMENT T5 FE/ZN 12 C	1
6	177648	HEX SCREW	7
7	651466	FHCS M8-1.25 X 20 C8.8 ZY	2

Ref.

No. Part No.

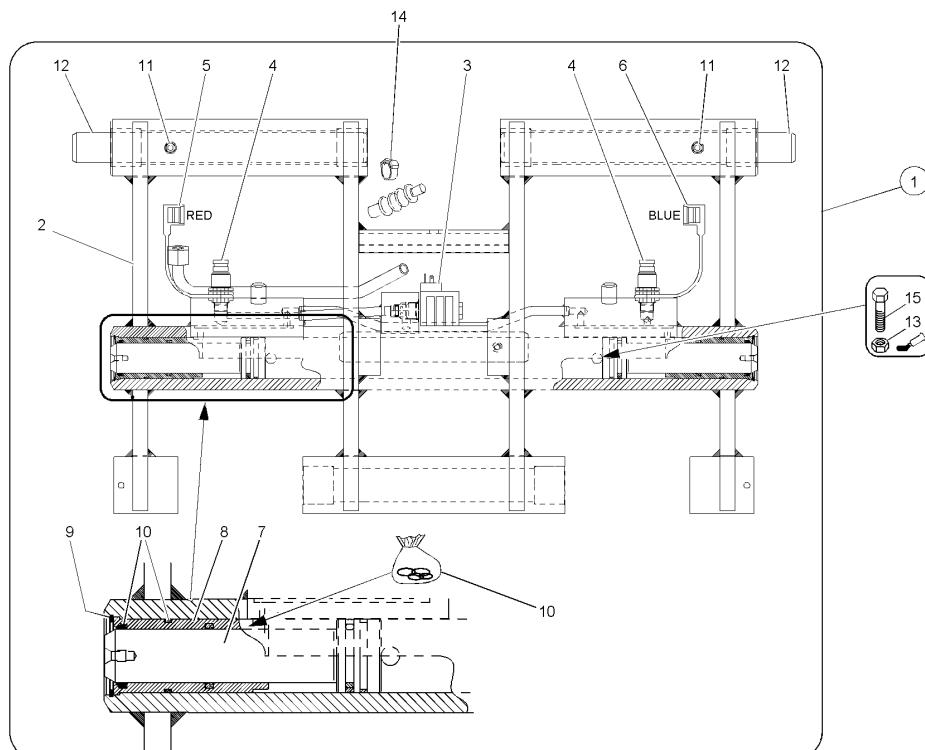
Description

Qty.

8	7462680011	WASHER 8.4 ST A2C	2
9	656048	HN M8-1.25 C8 ZY DIN934	2
10	0263600591	PIPE	1
11	651404	CS M12-1.75 X 20 C8.8 ZY	1
12	7462680016	WASHER	1
13	7451680116	WASHER B17-140HV A2C	2
14	0009943506	FRICTION BEARING	1

521T - QUICKHITCH ASSEMBLY

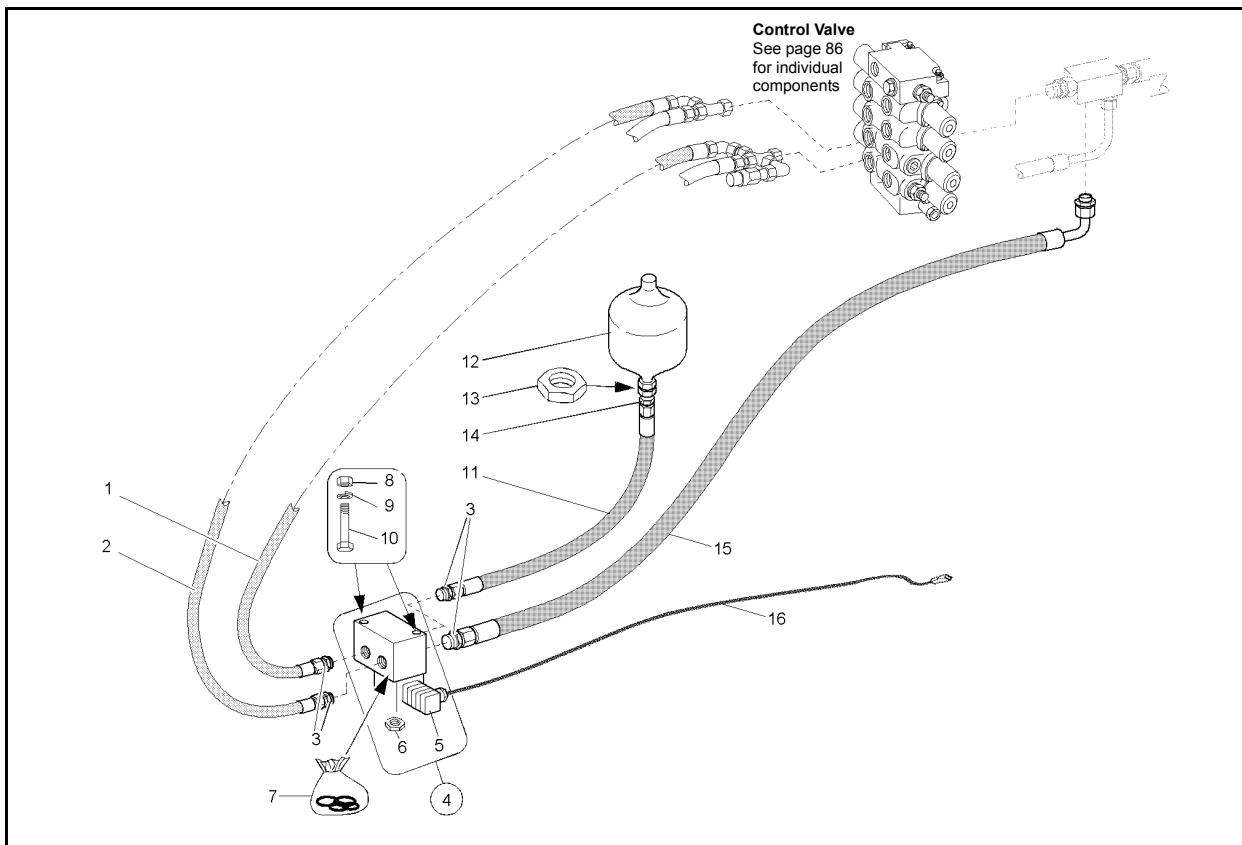
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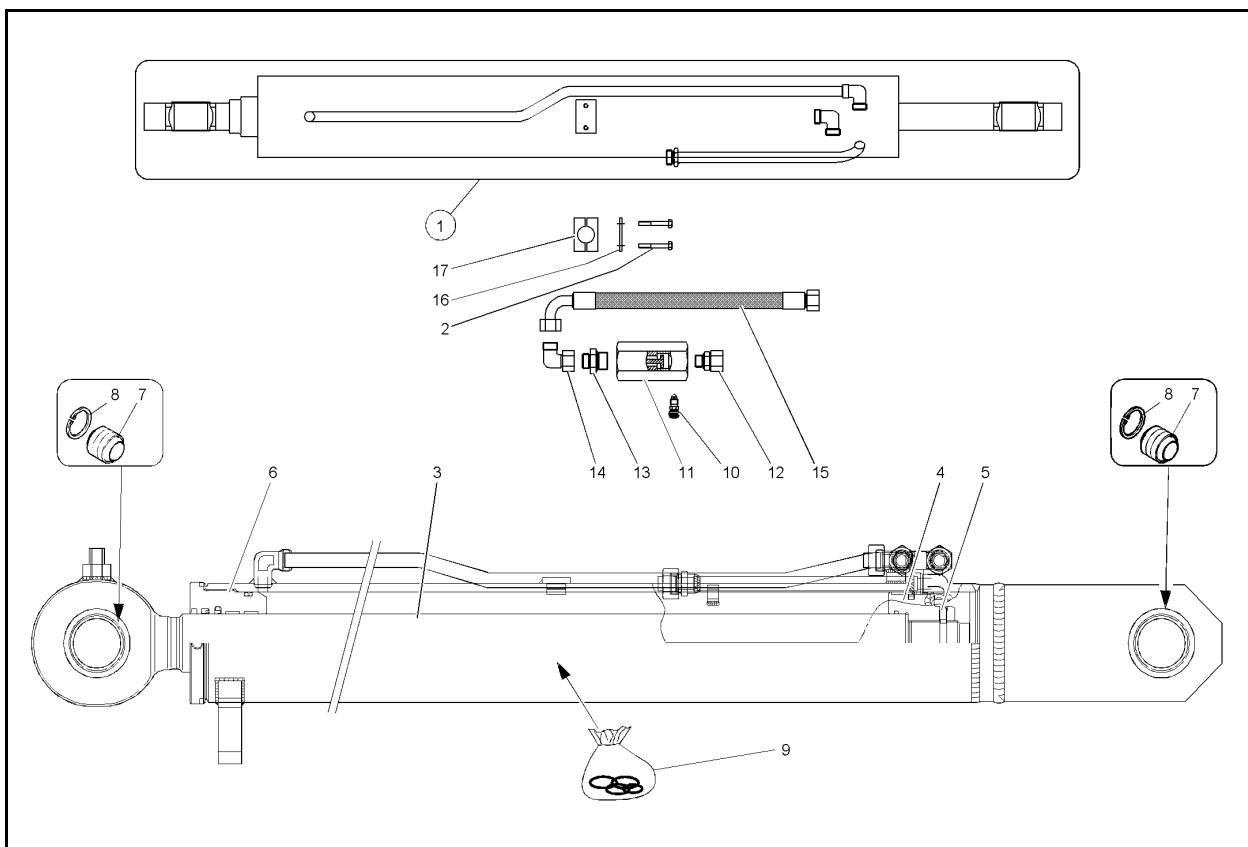
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0264100163	QUICKHITCH ASSY	1	9 7491682058	CIRCLIP 58 X 2	2
2 0264100263	QUICKHITCH FRAME	1	10 0009960166	SEAL KIT	1
3 208081	SOLENOID VALVE	1	11 0009955669	THREADED PIN M16 X 30	2
4 0003631468	COUPLING PLUG PG 12 L A3C	2	12 0264160793	PIN	2
5 0009961952	DUST CAP BG 2	1	13 7403677733	HN M20-8 A2C	2
6 0009961952	DUST CAP BG 2	1	14 0009933315	CABLE STRAP 142 X 3.6	1
7 0394160260	PISTON ROD	2	15 7236677307	HS M20 X 60-8.8 A2C	2
8 0164160353	GUIDE TUBE	2			

521T - LOAD STABILIZER

1000138113



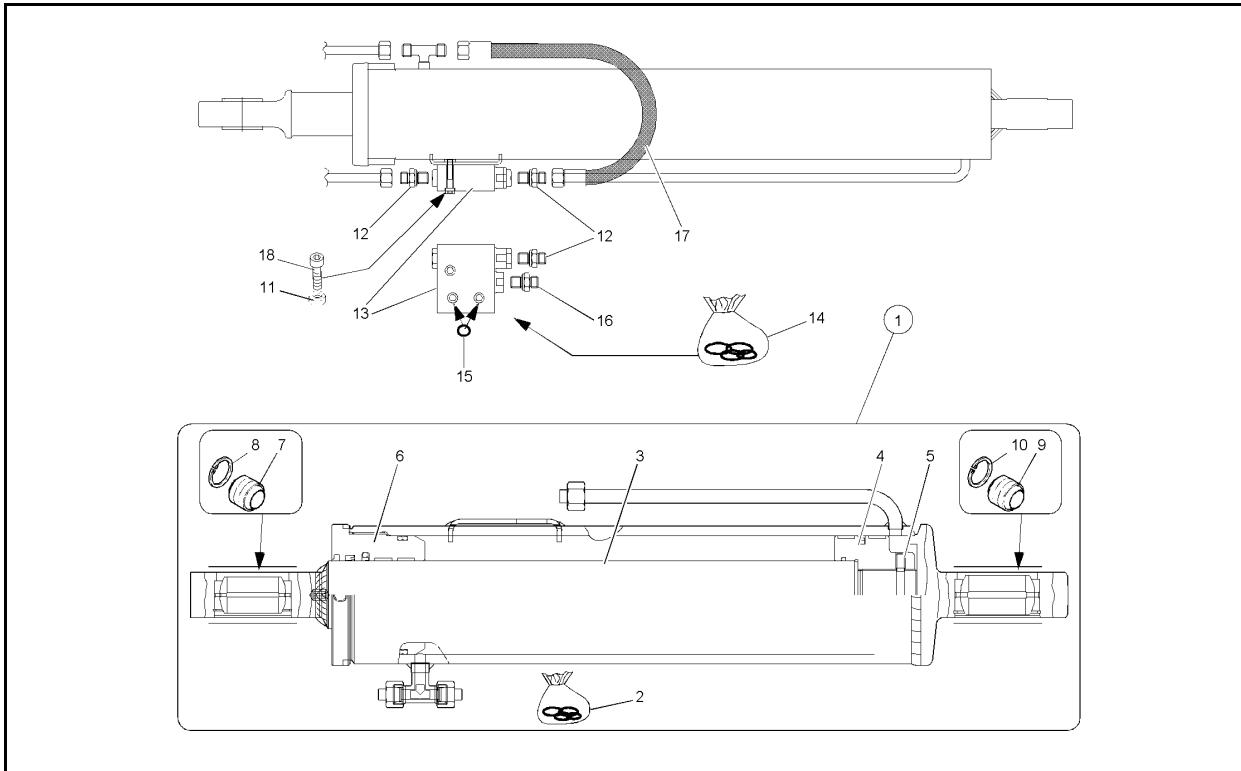
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003653114	HP HOSE	1	10 206958	WASHER	2
2 0003653014	HP HOSE	1	11 0003653814	HP HOSE	1
3 0003639069	SCREW CONNECTION	4	12 0003633103	PRESSURE ACCUMULATOR	1
4 0003613589	SOLENOID VALVE	1	13 209291	HEX NUT	1
5 0000801314	SOLENOID	1	14 0003636115	SCREW CONN. GE15LM M22 X 1.5 O.M.D	1
6 0009905623	NUT	2	15 0003650501	HP HOSE	1
7 0000801315	SEAL KIT	1	16 184597	WIRING HARNESS/VALVE	1
8 651439	HB M8-1.25 X 80 C8.8 ZY	2			
9 656048	HN M8-1.25 C8 ZY DIN934	2			



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0383606942	LIFT CYLINDER COMPLETE	1	10 0002461113	BREATHER VALVE	1
2 162028	SCREW	2	11 0003610379	VALVE	1
3 0000809157	PISTON ROD	1	12 0003630362	SCREW CONNECTION	1
4 0000809166	PISTON	1	13 0003633263	SCREW CONNECTION	1
5 0000809198	THREADED PIN	1	14 161446	ANGLE 90° FITTING	1
6 0000809170	GUIDE BUSHING	1	15 0003659407	HP HOSE	1
7 0000809195	PIVOTING BEARING	2	16 0009933185	COVER PLATE	1
8 0000809199	SNAP RING	2	17 0009932251	CLAMP 3D 25 PPH	1
9 0000804243	SEAL KIT	1			

521T - TILT CYLINDER

1000138115



Ref.

No. Part No.

Description

Qty.

1	0263601742	TILT CYLINDER COMPLETE	1
2	205551	SEAL KIT	1
3	0000809189	PISTON ROD	1
4	0000809166	PISTON	1
5	0000809198	THREADED PIN	1
6	0000809170	GUIDE BUSHING	1
7	0000809197	PIVOTING BEARING	1
8	0000809193	SNAP RING	1
9	0000809194	PIVOTING BEARING	1
10	0000809199	SNAP RING	1

Ref.

No. Part No.

Description

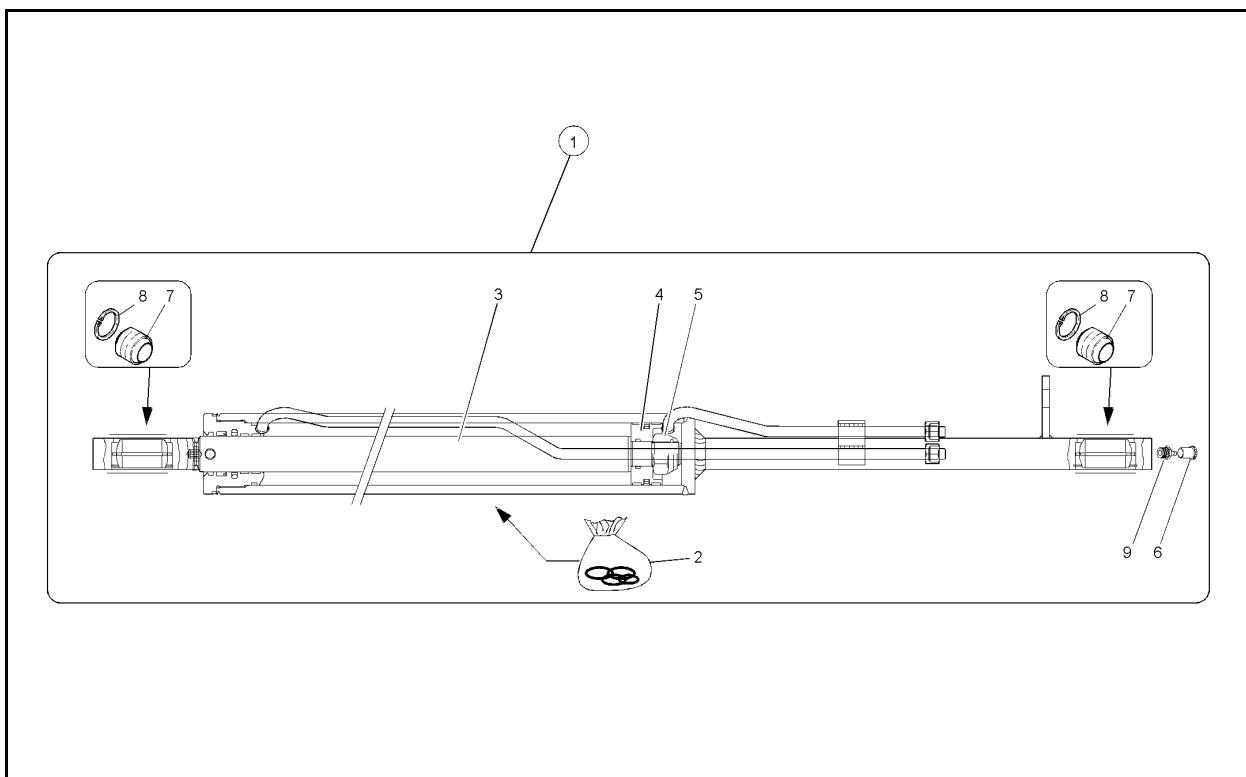
Qty.

11	7404677709	HN M8-04 A2C	1
12	161430	SCREW JOINT	2
13	*	VALVE	1
14	0000808443	SEAL KIT	1
15	0000809026	O-RING 7.30 X 2.40	2
16	161426	SCREW JOINT	1
17	0003656207	HP HOSE	1
18	7254677068	SHCS M8 X 40-8.8 A2C	1

* Replaced by P/N 204978 for service.

521T - SELF-LEVELING CYLINDER

1000138116



Ref.

No. Part No.

Description

Qty.

1	0383607042	SELF-LEVELING CYLINDER COMPLETE	1
2	0000809192	SEAL KIT	1
3	0000809187	PISTON ROD	1
4	0000809168	PISTON	1
5	203866	THREADED PIN	1

Ref.

No. Part No.

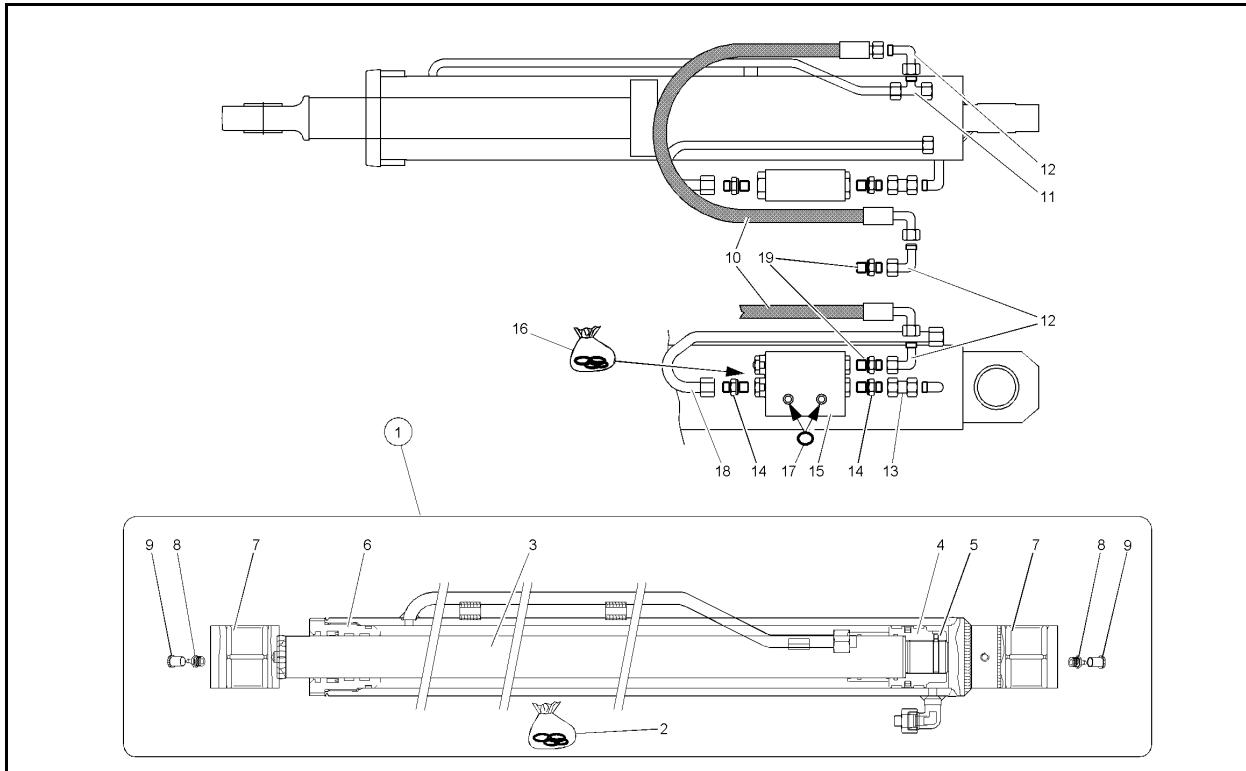
Description

Qty.

6	0009963251	COVER	1
7	0000809197	PIVOTING BEARING	2
8	0000809193	SNAP RING	2
9	7761675404	GREASE ZERK	1

521T - EXTENSION CYLINDER

1000138117



Ref.

No. Part No.

Description

Qty.

1	0263601942	EXTENSION CYLINDER COMPLETE	1
2	0000809162	SEAL KIT	1
3	0000809188	PISTON ROD	1
4	0000809169	PISTON	1
5	0000809200	THREADED PIN	1
6	0000809165	CYLINDER HEAD	1
7	0000809161	BUSHING	2
8	7761675404	GREASE ZERK	2
9	0009963251	COVER	2
10	0009939654	HP HOSE	1

Ref.

No. Part No.

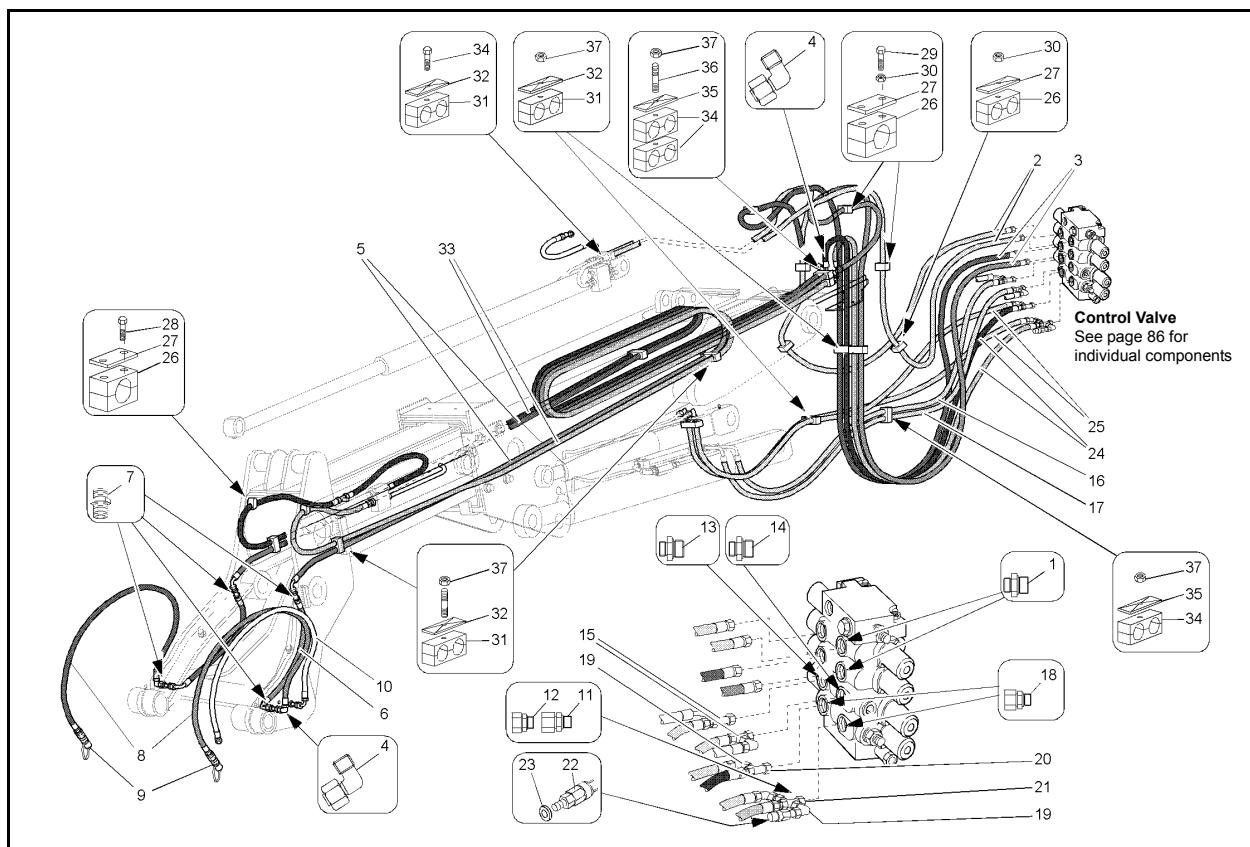
Description

Qty.

11	162062	ELBOW	1
12	161445	90° FITTING	2
13	9910513G	SCREW JOINT	1
14	161430	SCREW JOINT	2
15	0003613779	VALVE	1
16	0000808443	SEAL KIT	1
17	0000809026	O-RING 7.30 X 2.40	2
18	0263600291	PIPE LINE	1
19	161459	SCREW JOINT	1

521T - CYLINDERS INSTALLATION

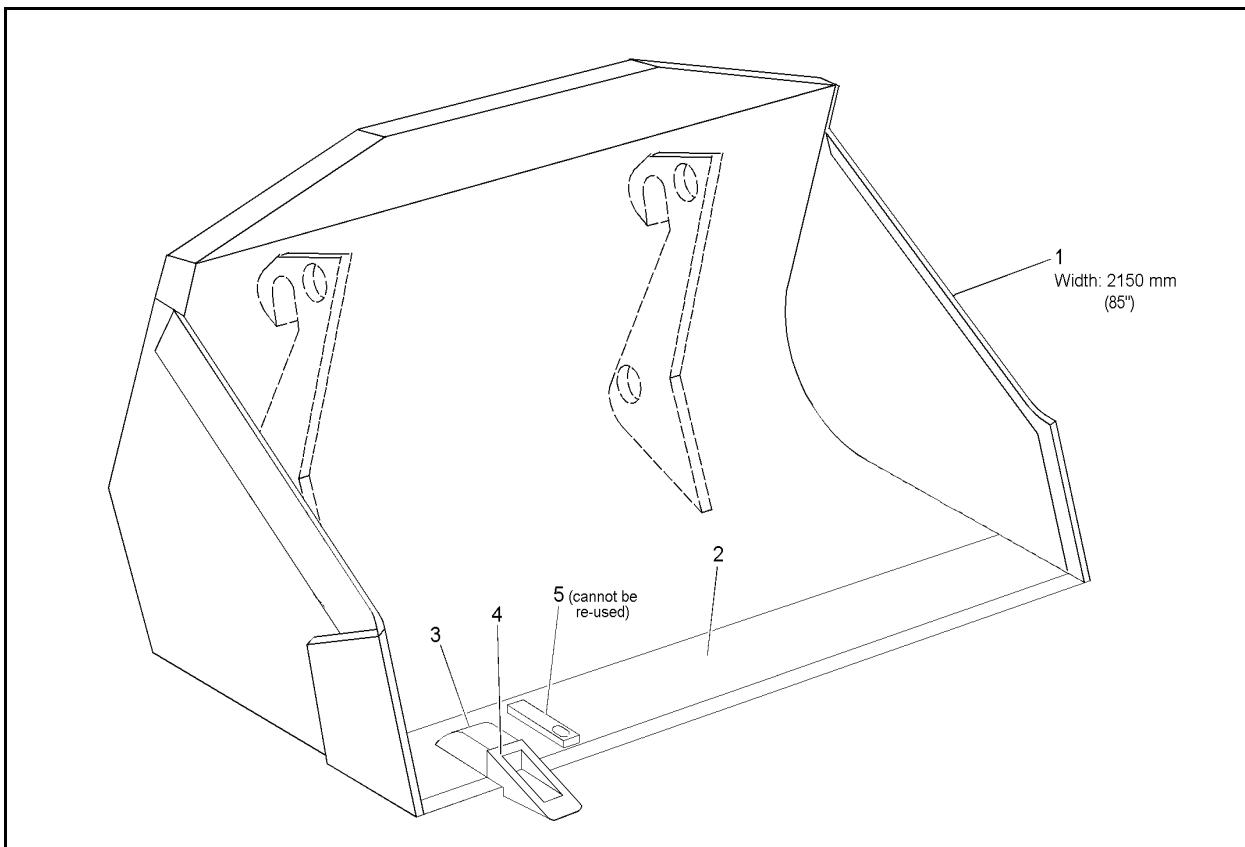
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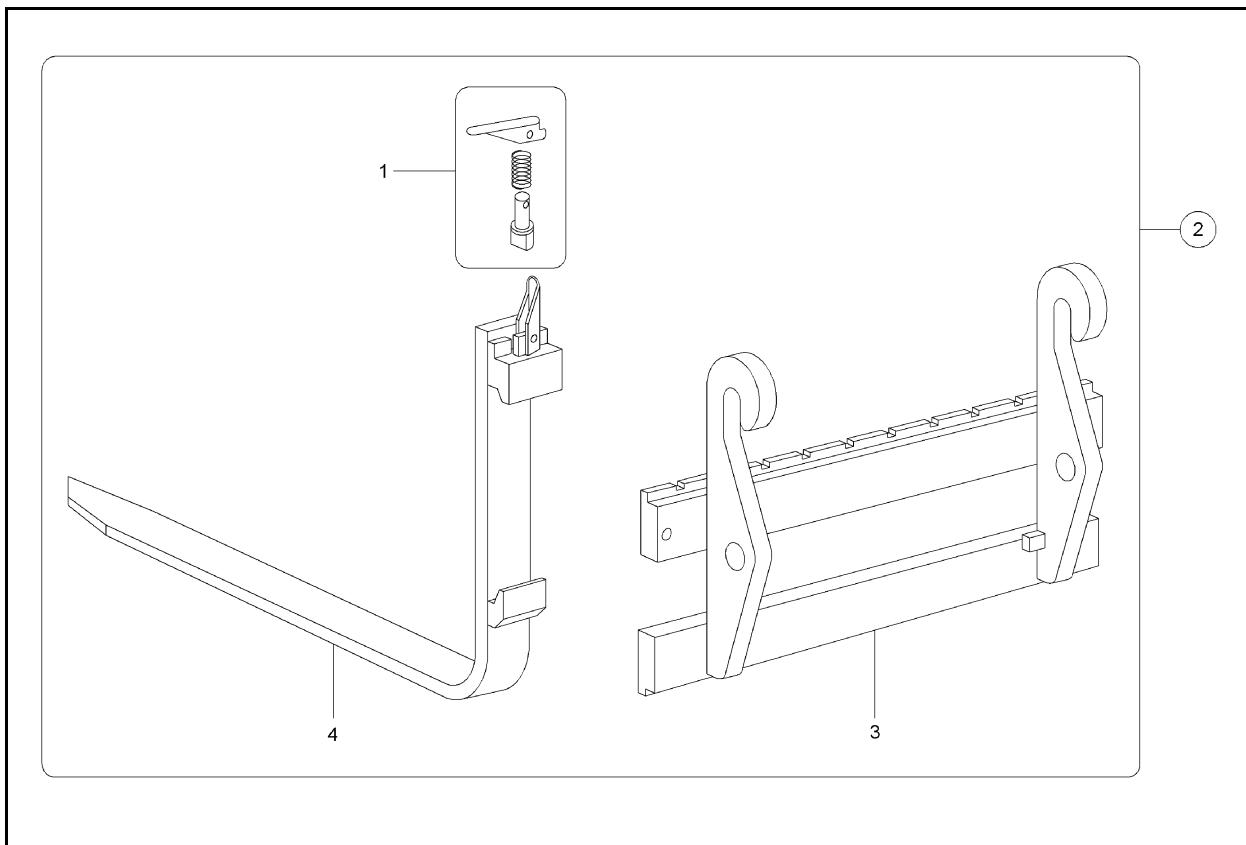
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 0003635217	SCREW CONN. GE 12 LM M22 X 1.5 E A3C	8	20 0003632871	SCREW CONNECTION	1
2 0003658807	HP HOSE	2	21 0003639815	SCREW CONNECTION	1
3 0003656314	HP HOSE	2	22 0003330103	PRESSURE SWITCH M12 X 1 (2176 PSI)	1
4 161445	90° FITTING	6	23 7593641020	SEALING RING A12 X 8	1
5 0003656007	HP HOSE	2	24 0003656214	HP HOSE	1
6 0009939554	HP HOSE	3	25 0003658907	HP HOSE	2
7 0003634117	SCREW CONNECTION	2	26 0009932151	CLAMP	10
8 0003655107	HP HOSE	2	27 0009930785	COVER PLATE	10
9 0003633366	COUPLING SOCKET	2	28 7234677058	HS M6 X 80-8.8 A2C	4
10 0003651710	HP HOSE	1	29 179761	SCREW	2
11 203840	FITTING	1	30 651457	LN INS M6-1 C8 ZY	4
12 203854	FITTING	1	31 0009933050	CLAMP 2D 18/18 PP	8
13 0003630315	SCREW CONNECTION	2	32 0009930585	COVER PLATE GD 2 D	8
14 0003636115	SCREW CONN. GE 15 LM M22 X 1.5 O.M.D	1	33 0003656107	HP HOSE	2
15 161471	ELBOW	2	34 0009936651	CLAMP 21.3/21.3	3
16 0003659007	HP HOSE	1	35 0009930685	COVER PLATE GD 3 D	2
17 0003659107	HP HOSE	1	36 207574	STUD	1
18 0003630566	SCREW CONNECTION	2	37 656048	HN M8-1.25 C8 ZY DIN934	2
19 161445	90° FITTING	2			

521T - BUCKET

1000137533



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			



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

NOTES

Index

A

Air Intake System 22

B

Battery 72
Belt Cover 15
Boom Frame Trim 94
Brake 42
Bucket 102

C

Cab 79
Cab Doors 80
Cab Heater 83
Cab Interior Cover Trim 81
Cab Mats & Filters 82
Cab Protection Screens 84
Cab Wiring Harness 78
Cab Wiring Harness/Front Components 75
Cab Wiring Harness/Fuse Box 76
Cab Wiring Harness/Instrument Panel 74
Cab Wiring Harness/Rear Components 77
Cooling Fan 19
Cowl & Lower Body Trim 66
Crankcase Vent 12
Cylinder Head & Valve Cover 17
Cylinders Installation 101

D

Decals 3
Drive Hydraulics Installation 27
Drive Pilot Installation 28

E

Electrical Control Circuit 90
Engine 6
Engine Hood 65
Engine Lubrication 7
Engine Mounts 5
Exhaust System 67
Extension Cylinder 100

F

Frame/Counterweight 25

Front Axle 37
Front Axle Differential 40
Front Axle Differential Lock 41
Front Axle Differential Lock Hydraulics 44
Front Axle Gear Drive 39
Front Axle Steering 38
Front Engine Cover 14
Front Wheel Hub 43
Fuel Filter 8
Fuel Injection System 10
Fuel Line 20
Fuel Pump 9
Fuel Tank 21

H

Hand Throttle 24
High Speed (25.0 mph) Gearbox Housing 56
High Speed Gear Shifter 57
High Speed Gearbox Hydraulics
 Installation 60
High Speed Input Shaft (Bearing) 59
High Speed Input Shaft (Control Gear) 58
Hydraulic Motor Oil Cooler 29
Hydraulic Motor Oil Cooler Installation 30
Hydraulic Oil Circulating System 85
Hydraulic Oil Tank 87
Hydraulic System Control Valve 86

I

Inching Valve 33
Instrument Panel 68
Intake Manifold & Turbocharger System 11
Introduction i

L

Lift Cylinder 97
Load Stabilizer 96
Low Speed Control 35

M

Main Wiring Harness 70

N

Numerical Index 107

Index

O

Oil Cooler Installation	18
Operator's Seat	63
Operator's Seat Base	64

W

Wheels and Tires	36
Window Wipers	73

P

Pallet Forks	103
Parking Brake	45
Pilot Valve	88
Pilot Valve Installation	89
Pulley	16

Q

Quickhitch Assembly	95
---------------------------	----

R

Rear Axle	49
Rear Axle Differential Lock	52
Rear Axle Fasteners & Gear Box	48
Rear Axle Gear Drive	51
Rear Axle Steering	50
Rear Engine Attachments	13
Rear Wheel Hub	53

S

Safe Load Indicator	91
Self-Leveling Cylinder	99
Service Brake Hydraulics	46
Standard Speed (12.5 mph) Gearbox	
Housing	54
Standard Speed Gearbox Internal Parts	55
Steering Hydraulics Installation	62
Steering Unit	61

T

Table of Contents	1
Telescoping Boom	92
Throttle Pedal	23
Tilt Cylinder	98

V

Variable Displacement Motor	34
Variable Displacement Pump	32
Variable Displacement Pump Installation	26
Vehicle Lighting	69

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
101792	65	31	161445	46	14	162869	79	6
101792	68	37	161445	100	12	162869	83	2
101792	80	12	161445	101	4	163002	69	2
132023	7	14	161445	101	19	163008	69	12
133151	6	15	161446	97	14	163010	69	21
133180	67	8	161447	28	9	163010	69	27
133235	7	12	161447	30	14	163010	69	31
133236	67	3	161447	31	5	163114	44	11
133322	17	15	161447	46	35	163123	47	48
133383	14	8	161449	27	2	163343	15	5
133407	7	11	161450	47	47	163634	23	6
133409	6	13	161451	28	15	163634	25	21
133410	6	14	161459	100	19	163634	29	8
133425	14	1	161471	62	6	163634	65	19
133427	17	22	161471	101	15	163634	66	9
133496	11	21	161482	60	9	163634	67	11
133496	67	9	161503	31	10	163634	71	12
133552	12	1	161566	83	27	163634	72	5
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135535	17	21	161665	89	9	163634	85	30
135537	13	7	161998	70	15	163634	85	42
139727	3	23	162000	74	5	163756	7	19
139728	3	5	162003	71	5	163756	27	6
139732	3	6	162003	75	6	163756	46	27
139733	3	7	162003	77	2	163756	46	34
139778	3	8	162003	78	1	163793	6	4
161374	76	6	162028	27	27	163793	11	6
161375	76	7	162028	47	59	164337	22	7
161376	76	5	162028	60	15	164872	76	8
161426	98	16	162028	97	2	164874	75	5
161430	98	12	162042	80	18	164895	14	12
161430	100	14	162062	100	11	164895	23	19
161443	44	13	162491	34	2	164895	84	9
161443	46	42	162672	85	6	164906	62	2
161444	35	13	162672	85	14	164906	85	21
161444	46	20	162838	70	14	164911	32	2
161444	62	13	162847	70	11	164913	62	27
161444	62	23	162847	70	17	164937	44	17
161444	85	46	162847	74	4	164949	28	5
161445	30	18	162847	76	1	164949	35	12

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
164949	44	1	187126	13	11	204642	65	13
164949	47	51	187148	17	14	204662	70	3
164949	62	22	187530	17	11	204662	76	14
165296	22	5	201821	71	4	205214	76	9
165589	63	8	201821	77	3	205469	69	43
165944	33	15	201821	78	2	205551	98	2
165960	60	13	202208	7	22	205619	20	1
165960	90	10	202243	62	31	205620	20	8
165962	60	11	202446	88	6	206045	66	12
165962	89	2	202677	38	11	206046	73	8
177458	63	5	203244	3		206530	66	8
177460	69	19	203839	90	11	206532	21	20
177646	68	28	203840	101	11	206532	21	28
177648	23	5	203841	90	12	206532	87	24
177648	29	6	203842	62	30	206532	87	34
177648	30	7	203843	90	2	206532	87	35
177648	45	10	203844	90	9	206534	21	29
177648	46	7	203845	90	8	206534	66	29
177648	46	41	203846	94	4	206539	72	6
177648	52	1	203847	66	18	206539	87	9
177648	57	15	203848	60	18	206585	87	33
177648	66	2	203850	90	14	206607	66	7
177648	67	4	203851	68	31	206958	21	26
177648	86	20	203851	90	7	206958	29	7
177648	92	23	203852	90	16	206958	45	11
177648	93	47	203854	101	12	206958	62	4
177648	94	6	203855	60	19	206958	71	11
179757	65	11	203856	80	26	206958	80	11
179761	30	30	203858	68	6	206958	84	7
179761	101	29	203859	42	4	206958	85	23
179769	61	7	203860	42	10	206958	86	21
179771	92	42	203861	32	4	206958	87	29
179771	93	63	203862	32	1	206958	96	10
179784	30	33	203863	86	17	207290	7	17
179793	61	9	203864	86	13	207543	77	4
179842	31	14	203865	32	8	207546	77	6
179842	85	36	203866	99	5	207562	61	2
179842	85	38	203867	32	5	207563	60	14
184489	76	10	204593	63	17	207567	60	17
184597	96	16	204626	86	11	207574	101	36

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
207601	102	2	651403	5	18	651472	91	2
207706	70	4	651404	65	26	651473	16	2
207727	103	4	651404	94	11	651475	55	10
207771	103	3	651405	48	7	651481	92	29
207813	63	7	651406	13	9	651507	24	5
207826	64	6	651407	67	14	651511	33	11
207827	64	7	651421	21	16	651511	34	12
208081	95	3	651423	69	22	651515	63	3
208421	26	12	651424	7	8	651516	20	12
208449	39	20	651424	57	12	651521	23	13
208449	58	8	651424	65	29	651521	24	8
208449	59	1	651424	69	35	656004	28	20
208490	36	3	651424	72	16	656004	60	5
208490	43	5	651424	81	11	656004	85	28
208490	53	5	651430	66	21	656006	62	10
208721	55	7	651430	87	27	656006	69	17
208746	38	9	651433	85	44	656006	81	15
208746	50	8	651434	80	30	656008	26	13
208790	76	15	651437	83	18	656008	30	10
208826	7	20	651438	20	10	656008	46	10
208925	54	13	651439	41	1	656008	84	13
208925	56	34	651439	96	8	656047	23	11
209061	90	15	651448	61	11	656047	24	3
209280	93	52	651448	84	11	656047	35	3
209291	46	24	651448	92	44	656047	66	16
209291	96	13	651451	79	5	656047	79	18
209416	60	12	651452	25	14	656047	93	53
209500	34	7	651452	37	3	656048	9	6
209748	103	1	651456	11	20	656048	12	5
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209877	60	2	651457	24	15	656048	21	27
209877	89	23	651457	44	7	656048	25	20
651392	45	16	651457	65	24	656048	28	19
651393	16	4	651457	69	37	656048	30	13
651393	72	10	651457	72	15	656048	35	7
651393	84	17	651457	101	30	656048	45	21
651397	27	12	651466	65	18	656048	62	19
651397	56	1	651466	94	7	656048	66	25

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
656048	67	7	656116	75	7	0000801691	69	39
656048	71	10	656128	17	2	0000801726	45	7
656048	73	2	0000800812	74	2	0000801744	69	28
656048	83	20	0000800812	77	1	0000801766	73	10
656048	85	24	0000800818	76	12	0000801769	69	40
656048	85	29	0000800820	69	3	0000801770	69	41
656048	87	28	0000800838	83	1	0000801782	77	7
656048	93	50	0000801314	96	5	0000801804	79	16
656048	94	9	0000801315	96	7	0000801806	79	15
656048	96	9	0000801363	13	3	0000801836	65	6
656048	101	37	0000801368	14	10	0000801837	87	14
656052	25	18	0000801369	14	9	0000801838	21	15
656052	92	20	0000801391	10	7	0000801843	61	1
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656092	81	8	0000801399	11	18	0000801847	11	2
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656092	91	7	0000801403	67	5	0000801851	18	2
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656093	25	4	0000801411	5	6	0000801857	12	2
656093	29	5	0000801459	5	21	0000801866	12	3
656094	5	23	0000801464	72	17	0000801872	11	17
656094	13	2	0000801508	64	4	0000801881	17	8
656094	41	14	0000801582	21	13	0000801892	9	4
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656100	69	23	0000801601	65	2	0000801911	15	10
656100	76	16	0000801602	65	3	0000801918	17	9
656102	45	24	0000801603	65	4	0000801920	17	5
656102	69	16	0000801604	65	5	0000801921	17	6
656102	87	10	0000801605	65	7	0000801922	13	4
656102	88	13	0000801609	65	15	0000801925	5	5
656105	22	9	0000801629	69	7	0000801925	5	8
656105	29	16	0000801655	80	21	0000801925	5	11
656105	56	9	0000801656	80	22	0000801926	5	4
656105	84	6	0000801660	81	2	0000801926	5	7
656116	69	42	0000801661	81	3	0000801926	5	10

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000801929	17	12	0000802640	6	6	0000802749	18	7
0000801934	17	16	0000802645	7	7	0000802751	18	1
0000801935	67	1	0000802648	7	1	0000802761	15	11
0000801939	67	10	0000802658	17	13	0000802764	14	11
0000801945	11	1	0000802663	7	4	0000802765	14	4
0000801949	15	13	0000802664	7	5	0000802790	9	2
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0000801953	17	4	0000802667	7	15	0000802899	17	18
0000801963	15	8	0000802668	7	16	0000802900	17	19
0000801965	15	1	0000802671	18	3	0000802901	17	20
0000801969	16	1	0000802671	18	10	0000802903	17	3
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0000802216	23	4	0000802735	8	5	0000804243	97	9
0000802225	86	2	0000802741	14	7	0000804262	7	21
0000802226	86	9	0000802742	14	5	0000804268	17	10
0000802243	86	6	0000802743	19	6	0000804273	11	13
0000802253	17	17	0000802745	19	5	0000804274	11	11

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000804276	6	3	0000807612	33	6	0000808531	55	16
0000805111	68	16	0000808281	8	10	0000808532	55	3
0000805117	86	12	0000808371	68	15	0000808533	55	5
0000805119	86	14	0000808372	68	14	0000808533	59	8
0000805120	86	15	0000808443	98	14	0000808534	58	5
0000805121	86	16	0000808443	100	16	0000808535	55	15
0000805187	22	2	0000808495	56	2	0000808536	59	17
0000805188	22	3	0000808496	50	16	0000808537	58	13
0000805206	32	15	0000808496	54	8	0000808538	40	2
0000805217	32	19	0000808497	37	18	0000808538	51	26
0000805218	32	12	0000808497	37	20	0000808539	59	6
0000805219	32	7	0000808498	56	24	0000808540	39	16
0000805220	32	20	0000808499	56	8	0000808540	51	16
0000805221	32	16	0000808500	56	5	0000808541	58	15
0000805233	33	13	0000808503	54	6	0000808542	58	16
0000805233	34	11	0000808504	54	5	0000808543	37	16
0000805695	64	25	0000808506	55	12	0000808543	57	14
0000806127	64	24	0000808507	49	1	0000808544	52	3
0000806131	64	19	0000808509	56	11	0000808544	57	7
0000806133	64	12	0000808512	38	6	0000808545	41	5
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0000806486	64	11	0000808519	56	3	0000808550	53	13
0000806488	64	15	0000808520	56	22	0000808551	38	4
0000806489	63	11	0000808521	57	9	0000808551	50	4
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0000806508	63	13	0000808523	50	1	0000808555	59	13
0000806515	63	4	0000808524	54	14	0000808556	41	12
0000806516	63	10	0000808524	56	32	0000808556	52	5
0000807543	92	25	0000808526	41	7	0000808557	37	7
0000807544	92	26	0000808527	57	16	0000808558	43	7
0000807545	22	4	0000808528	51	17	0000808558	53	7
0000807608	34	10	0000808529	55	1	0000808559	55	14
0000807610	34	20	0000808530	56	25	0000808560	37	15

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000808560	57	5	0000808591	56	29	0000808620	56	21
0000808561	49	26	0000808593	37	23	0000808621	43	8
0000808562	56	10	0000808593	49	15	0000808621	53	8
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0000808564	38	15	0000808596	53	2	0000808623	51	21
0000808564	50	14	0000808597	37	17	0000808626	56	16
0000808565	38	13	0000808597	49	14	0000808629	56	26
0000808565	50	12	0000808599	59	11	0000808630	56	27
0000808566	38	14	0000808600	39	19	0000808631	56	28
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0000808578	49	21	0000808610	37	6	0000808640	52	9
0000808579	49	2	0000808610	49	13	0000808641	52	7
0000808579	56	23	0000808611	37	22	0000808642	52	10
0000808580	56	20	0000808611	49	16	0000808643	52	4
0000808581	56	19	0000808612	58	10	0000808644	52	2
0000808582	56	18	0000808612	59	3	0000808645	52	12
0000808583	37	5	0000808613	58	11	0000808646	52	8
0000808583	49	3	0000808613	59	4	0000808647	41	15
0000808583	54	1	0000808614	58	12	0000808648	49	23
0000808583	56	13	0000808614	59	5	0000808649	43	4
0000808584	57	11	0000808616	58	9	0000808649	53	4
0000808585	40	9	0000808616	59	2	0000808650	38	2
0000808585	51	25	0000808617	42	2	0000808650	50	2
0000808586	51	22	0000808618	49	25	0000808651	55	13
0000808587	39	2	0000808619	38	7	0000808655	40	7
0000808587	51	2	0000808619	50	7	0000808655	51	23
0000808588	39	3	0000808620	37	12	0000808656	58	7
0000808588	51	3	0000808620	43	18	0000808658	37	21
0000808591	49	7	0000808620	53	18	0000808658	49	17
0000808591	54	17	0000808620	54	7	0000808659	37	11

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000808659	49	11	0000808687	51	15	0000808732	41	18
0000808660	38	3	0000808688	49	24	0000808732	52	15
0000808660	50	3	0000808689	49	6	0000808733	43	12
0000808661	38	5	0000808690	55	4	0000808733	53	12
0000808661	50	5	0000808691	55	17	0000808734	45	25
0000808662	40	4	0000808692	55	6	0000808735	43	11
0000808662	51	28	0000808693	43	9	0000808735	53	11
0000808663	40	6	0000808693	53	9	0000808736	42	3
0000808664	57	8	0000808694	43	10	0000808738	45	12
0000808665	58	2	0000808694	53	10	0000808739	37	14
0000808666	58	14	0000808695	37	9	0000808740	45	13
0000808668	58	4	0000808696	40	3	0000808741	50	11
0000808669	56	12	0000808696	51	27	0000808743	49	18
0000808670	52	11	0000808697	40	8	0000808744	49	8
0000808671	37	10	0000808697	51	24	0000808745	54	11
0000808671	49	12	0000808698	56	17	0000808745	56	33
0000808672	49	5	0000808700	43	15	0000808746	54	12
0000808673	49	4	0000808700	53	15	0000808747	50	17
0000808676	41	17	0000808701	57	10	0000808748	41	16
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0000808678	51	6	0000808705	42	6	0000808751	59	7
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0000808679	51	7	0000808707	42	5	0000808755	50	19
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0000808680	51	8	0000808709	55	9	0000808807	29	4
0000808681	39	9	0000808710	58	3	0000808817	45	30
0000808681	51	9	0000808711	59	10	0000808819	45	26
0000808682	39	10	0000808713	54	10	0000808820	45	27
0000808682	51	10	0000808714	54	4	0000808821	45	28
0000808683	39	11	0000808716	56	7	0000808851	29	14
0000808683	51	11	0000808716	57	1	0000808853	29	15
0000808684	39	12	0000808720	54	2	0000808854	88	7
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0000808685	39	13	0000808723	41	6	0000808856	88	4
0000808685	51	13	0000808724	41	9	0000808858	88	5
0000808686	39	14	0000808727	41	13	0000808859	88	3
0000808686	51	14	0000808728	41	8	0000808860	88	10
0000808687	39	15	0000808730	57	6	0000808861	88	15

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000808863	32	18	0000809165	100	6	0000809346	86	4
0000808864	32	21	0000809166	97	4	0000809357	73	1
0000808869	33	9	0000809166	98	4	0000809358	73	3
0000808871	32	13	0000809168	99	4	0000809359	73	4
0000808872	33	8	0000809169	100	4	0000809360	73	5
0000808873	32	22	0000809170	97	6	0000809361	73	6
0000808884	32	17	0000809170	98	6	0000809363	73	9
0000808887	33	7	0000809187	99	3	0000809365	73	11
0000808889	32	9	0000809188	100	3	0000809366	73	7
0000808891	32	10	0000809189	98	3	0000809374	79	9
0000808895	16	5	0000809192	99	2	0000809376	83	9
0000808898	19	4	809192	103	2	0000809381	61	6
0000808901	16	6	0000809193	98	8	0000809382	81	1
0000808927	86	7	0000809193	99	8	0000809384	68	29
0000808975	38	12	0000809194	98	9	0000809386	81	13
0000808976	50	10	0000809195	97	7	0000809387	79	24
0000808993	39	1	0000809197	98	7	0000809388	79	23
0000808997	39	21	0000809197	99	7	0000809389	61	8
0000809014	32	11	0000809198	97	5	0000809389	81	5
0000809026	98	15	0000809198	98	5	0000809389	81	6
0000809026	100	17	0000809199	97	8	0000809391	83	23
0000809043	80	5	0000809199	98	10	0000809394	79	2
0000809046	80	13	0000809200	100	5	0000809395	79	12
0000809051	69	26	0000809231	60	4	0000809396	79	7
0000809054	79	20	0000809234	33	1	0000809397	79	8
0000809074	80	10	0000809235	33	2	0000809399	80	7
0000809076	79	19	0000809239	34	6	0000809400	79	3
0000809082	80	24	0000809259	13	5	0000809402	79	4
0000809088	80	33	0000809283	32	23	0000809404	80	15
0000809117	80	34	0000809295	38	19	0000809405	80	27
0000809137	33	10	0000809305	50	9	0000809409	79	21
0000809137	34	8	0000809315	38	17	0000809410	80	1
0000809141	63	15	0000809316	43	1	0000809411	80	29
0000809145	63	16	0000809316	53	1	0000809412	80	25
0000809150	63	6	0000809318	37	23	0000809413	80	6
0000809151	63	9	0000809318	49	15	0000809419	82	3
0000809157	97	3	0000809322	41	11	0000809420	82	2
0000809161	100	7	0000809331	38	18	0000809426	81	9
0000809162	100	2	0000809339	60	3	0000809428	80	28

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0000809434	80	3	0003321610	69	46	0003337508	46	33
0000809435	80	4	0003322005	69	33	0003338108	68	3
0000809448	80	2	0003322105	71	9	0003338208	68	5
0000809458	80	20	0003322604	69	30	0003338865	71	2
0000809459	80	19	0003322746	69	45	0003339266	71	7
0000809460	80	8	0003323515	69	20	0003339711	77	11
0000809463	80	9	0003325452	69	44	0003350297	70	12
0000809464	80	14	0003325912	68	22	0003350397	71	8
0000809465	80	32	0003326215	69	10	0003361605	68	13
0000809470	68	35	0003326801	69	1	0003361705	68	12
0000809470	83	11	0003327901	69	15	0003361907	91	4
0000809493	19	3	0003330103	101	22	0003362201	21	14
0000809496	83	14	0003330145	68	1	0003363203	7	18
0000809497	68	34	0003330222	70	7	0003363203	27	7
0000809497	83	12	0003330466	70	13	0003364603	91	1
0000809498	83	4	0003330466	71	3	0003410219	65	8
0000809500	83	26	0003330466	71	15	0003410883	65	28
0000809501	83	28	0003330626	76	13	0003415344	65	9
0000809507	88	16	0003330826	60	10	0003415444	66	5
0001611102	21	10	0003331306	68	36	0003417141	65	10
0001611102	87	15	0003331377	74	7	0003600184	89	6
0001611303	87	16	0003331967	70	8	0003602088	87	2
0002294522	26	11	0003332067	70	9	0003610379	97	11
0002295322	26	10	0003332807	68	20	0003610477	46	40
0002430103	46	26	0003333311	70	6	0003610603	29	13
0002461113	97	10	0003334107	46	28	0003610918	89	8
0002731881	62	25	0003334320	70	5	0003611377	88	1
0003102411	36	1	0003334611	74	3	0003611403	26	7
0003111313	36	4	0003334611	77	12	0003611977	60	1
0003124207	36	5	0003334765	71	6	0003612077	44	9
0003306612	72	7	0003334765	71	14	0003612177	89	22
0003307412	72	12	0003334811	74	1	0003612177	90	4
0003307912	72	9	0003334811	76	18	0003613589	96	4
0003320228	75	4	0003335165	77	8	0003613779	100	15
0003320611	74	6	0003335607	68	4	0003614377	62	1
0003320628	70	2	0003335807	90	20	0003614377	85	20
0003320628	75	3	0003336007	87	19	0003614384	30	26
0003320872	68	2	0003336211	77	9	0003614384	46	16
0003321172	68	38	0003336407	72	2	0003614877	35	5
0003321507	69	14	0003336907	68	17	0003615698	30	1

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0003615698	46	1	0003631468	95	4	0003636266	85	39
0003616698	26	1	0003631563	46	18	0003636320	30	2
0003617686	86	1	0003631563	46	31	0003636320	46	2
0003618484	7	10	0003631620	35	8	0003636348	89	5
0003618484	28	14	0003631620	46	21	0003636516	62	21
0003618484	87	18	0003631666	60	6	0003636634	87	3
0003619087	31	1	0003631666	89	1	0003636649	30	27
0003619897	85	8	0003631671	46	29	0003636649	46	15
0003630063	30	17	0003631815	31	3	0003636649	47	55
0003630063	46	12	0003631969	60	7	0003636834	87	12
0003630063	62	7	0003632162	27	1	0003637664	89	19
0003630063	85	18	0003632165	27	9	0003637664	90	1
0003630063	85	33	0003632371	62	33	0003637764	85	31
0003630067	62	15	0003632383	28	11	0003637764	85	34
0003630206	87	4	0003632471	62	34	0003637949	31	12
0003630220	30	25	0003632871	101	20	0003638366	28	1
0003630315	62	5	0003633003	44	15	0003638466	46	38
0003630315	101	13	0003633103	96	12	0003638748	85	35
0003630362	97	12	0003633263	97	13	0003638848	27	10
0003630471	46	37	0003633265	30	23	0003638869	31	8
0003630566	101	18	0003633366	101	9	0003638948	27	17
0003630663	28	3	0003634062	7	24	0003638969	31	9
0003630663	30	20	0003634117	101	7	0003639069	83	8
0003630663	44	3	0003634171	47	46	0003639069	96	3
0003630663	46	23	0003634516	83	7	0003639121	85	12
0003630664	28	6	0003634949	85	3	0003639264	89	15
0003630669	27	28	0003635015	28	16	0003639264	90	3
0003630817	28	2	0003635015	31	6	0003639421	85	1
0003630846	87	13	0003635017	30	21	0003639464	47	45
0003630971	46	22	0003635017	35	10	0003639769	28	8
0003631071	46	39	0003635017	44	2	0003639815	101	21
0003631071	89	11	0003635017	47	52	0003639862	46	25
0003631171	28	10	0003635217	101	1	0003639864	47	44
0003631320	44	8	0003635716	30	4	0003639868	89	18
0003631320	62	12	0003635716	30	22	0003650501	96	15
0003631320	85	45	0003635716	46	4	0003650704	62	14
0003631320	89	12	0003636115	96	14	0003651013	46	43
0003631396	87	22	0003636115	101	14	0003651104	62	17
0003631416	31	2	0003636266	31	15	0003651106	31	11

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0003651113	47	50	0003656207	98	17	0004356243	68	11
0003651213	47	49	0003656214	101	24	0004356543	68	25
0003651504	85	37	0003656314	101	3	0004357434	3	14
0003651513	31	13	0003656612	85	2	0004357443	68	21
0003651613	27	15	0003657412	31	4	0004357527	3	19
0003651710	101	10	0003657604	85	19	0004357943	68	18
0003651713	30	24	0003658807	101	2	0004358743	68	24
0003652004	27	8	0003658907	101	25	0004359643	68	8
0003652114	62	8	0003659007	101	16	0004359734	3	22
0003652414	44	12	0003659107	101	17	0004359834	3	21
0003652415	83	24	0003659212	85	32	0009900015	21	21
0003652514	89	3	0003659312	30	16	0009900015	87	30
0003652515	83	15	0003659312	46	13	0009900040	15	3
0003652614	89	13	0003659407	97	15	0009900115	21	22
0003652714	89	21	0003659412	30	19	0009900115	87	31
0003652814	60	8	0003659412	47	56	0009900210	86	18
0003653014	96	2	0003659612	35	11	0009901115	45	23
0003653114	96	1	0003659612	46	19	0009901810	25	7
0003653414	44	18	0003659903	47	53	0009903915	45	6
0003653514	47	54	0004330155	68	39	0009903915	45	20
0003653514	62	24	0004350237	3	15	0009905009	64	28
0003653814	96	11	0004351045	68	33	0009905223	29	9
0003653914	62	35	0004351144	3	18	0009905623	96	6
0003654214	44	14	0004351529	3	9	0009908009	25	6
0003654414	89	17	0004351536	3	20	0009908115	23	10
0003654514	89	16	0004351589	3	17	0009909609	87	21
0003654614	89	14	0004351629	3	11	0009909709	21	5
0003654714	89	4	0004351743	68	26	0009912823	26	3
0003654912	28	4	0004351843	68	7	0009921501	64	26
0003655012	28	7	0004352543	68	9	0009922728	65	27
0003655107	101	8	0004353146	3	13	0009923528	5	26
0003655112	85	17	0004353329	3	10	0009923528	62	11
0003655212	44	4	0004353429	3	12	0009923528	72	11
0003655312	30	15	0004353943	68	32	0009923528	84	18
0003655312	47	61	0004355533	3	4	0009923528	87	11
0003655712	31	7	0004355543	68	10	0009923728	21	17
0003656007	101	5	0004355633	3	2	0009923728	75	2
0003656014	46	30	0004355833	3	3	0009924003	35	9
0003656107	101	33	0004355943	68	23	0009924128	29	12
0003656114	46	36	0004356143	68	27	0009925128	85	7

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0009925128	85	16	0009935584	30	9	0009959068	27	19
0009925228	91	3	0009935584	46	9	0009960071	30	3
0009925728	85	11	0009935684	66	24	0009960071	46	3
0009927501	23	24	0009936250	44	19	0009960166	95	10
0009928928	25	12	0009936350	28	17	0009960608	85	9
0009930585	20	9	0009936350	30	31	0009960860	92	24
0009930585	101	32	0009936450	27	20	0009961652	32	14
0009930685	28	18	0009936651	101	34	0009961952	95	5
0009930685	30	32	0009937128	83	10	0009961952	95	6
0009930685	83	17	0009937450	20	5	0009962406	37	13
0009930685	85	26	0009937750	20	2	0009962406	43	17
0009930685	101	35	0009937929	22	12	0009962406	53	17
0009930785	47	58	0009938001	22	1	0009963151	92	10
0009930785	101	27	0009938328	62	20	0009963171	32	6
0009930889	62	32	0009938650	85	25	0009963251	92	4
0009930926	83	30	0009938850	85	40	0009963251	99	6
0009930963	69	18	0009939150	44	5	0009963251	100	9
0009931185	69	25	0009939150	72	14	0009964571	87	8
0009931285	27	21	0009939550	85	43	0009964771	30	5
0009931651	7	25	0009939554	101	6	0009964771	46	5
0009932151	101	26	0009939650	62	18	0009965332	85	27
0009932251	27	26	0009939850	23	16	0009965370	26	9
0009932251	30	28	0009940806	24	11	0009965446	84	14
0009932251	97	17	0009942155	92	2	0009966006	85	4
0009932485	44	6	0009942355	93	61	0009966006	85	13
0009932850	47	57	0009942955	92	31	0009966142	23	15
0009933050	101	31	0009942955	92	39	0009966386	25	15
0009933150	83	16	0009943506	94	14	0009966446	88	12
0009933185	27	25	0009943815	64	23	0009966742	70	10
0009933185	30	29	0009943854	64	10	0009966770	21	4
0009933185	97	16	0009946982	65	17	0009966870	21	8
0009933315	20	3	0009953268	26	6	0009967070	87	7
0009933315	90	19	0009953468	76	11	0009967270	33	5
0009933315	95	14	0009953555	45	3	0009967408	27	11
0009933663	79	11	0009954668	92	5	0009967508	27	18
0009934784	79	10	0009955468	81	4	0009968070	34	17
0009934884	79	17	0009955669	95	11	0009968170	34	19
0009934955	62	29	0009958368	11	12	0009968770	34	4
0009935151	22	8	0009959068	26	8	0009968870	34	16

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0009969115	21	6	0264160393	93	54	0382610340	48	12
0009969809	87	5	0264160458	92	16	0382640085	37	2
0009969870	34	15	0264160493	93	51	0382730001	61	4
0009976419	5	13	0264160558	92	14	0382730026	61	5
0009976519	5	14	0264160593	93	58	0382730602	62	9
0009976619	5	15	0264160693	93	57	0382900009	66	23
0009976719	5	16	0264160793	95	12	0383000026	66	11
0009979020	92	36	0264160893	92	40	0383000130	65	1
0009979120	92	35	0264160916	94	5	0383000448	66	4
0009979220	92	37	0264160958	92	15	0383000921	66	27
0161010054	22	6	0264160993	92	41	0383030451	66	22
0162910401	63	1	0264161093	93	48	0383030551	66	19
0162910501	63	2	0264161193	93	56	0383030651	66	20
0163070021	25	2	0264161493	92	45	0383050003	66	1
0164160193	93	62	0360110203	5	20	0383050526	25	1
0164160353	95	8	0361610043	21	7	0383200704	67	16
0202910069	63	14	0361610143	21	2	0383210501	67	12
0223350097	72	8	0361610243	21	3	0383300210	70	16
0263600291	100	18	0371600103	21	1	0383302410	70	1
0263600591	94	10	0371610003	21	11	0383302410	71	1
0263601742	98	1	0380101403	6	1	0383410013	79	25
0263601942	100	1	0381010218	22	13	0383410588	66	28
0264100038	92	30	0381010318	22	11	0383410688	66	6
0264100044	92	12	0381510403	29	1	0383410788	82	4
0264100080	92	38	0381700004	23	1	0383410888	82	1
0264100093	92	46	0381700010	24	1	0383600027	30	6
0264100144	92	13	0381700110	35	1	0383600027	46	6
0264100163	95	1	0381710059	23	8	0383600040	30	8
0264100193	92	32	0382000029	25	22	0383600040	46	8
0264100219	92	7	0382000055	25	23	0383600083	62	16
0264100263	95	2	0382051212	25	8	0383600391	27	13
0264100419	92	1	0382200001	48	2	0383600491	27	14
0264100419	92	8	0382200101	48	3	0383600801	87	1
0264160037	92	28	0382400416	46	32	0383600918	88	2
0264160052	92	33	0382430360	45	18	0383606391	27	16
0264160073	94	1	0382602501	37	1	0383606942	97	1
0264160080	92	11	0382602601	48	1	0383606991	26	2
0264160142	94	2	0382610040	48	5	0383607042	99	1
0264160180	92	9	0382610140	48	6	0383610094	30	11
0264160242	94	3	0382610240	48	11	0383610094	46	11

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
0383610140	27	24	1491700010	24	10	7250671592	75	8
0383610340	35	4	1491700042	24	7	7252677036	14	2
0383611618	88	11	1491710045	24	16	7252677036	44	20
0383630083	89	7	1553630283	27	5	7252677040	93	55
0384100159	83	25	1604160022	102	5	7252677048	20	6
0384140902	83	3	1641710078	24	6	7252677048	35	6
0393301310	77	10	1643010040	69	34	7252677053	85	41
0393330340	91	5	7234677056	15	7	7252677054	21	23
0394100037	84	16	7234677058	101	28	7252677054	87	32
0394160260	95	7	7234677179	79	13	7252677056	93	49
0465010310	86	3	7234677186	25	24	7252677056	93	59
0465010310	86	8	7234677227	48	4	7252677058	92	43
0465010510	86	10	7234677230	25	9	7252677086	15	12
0493400001	79	1	7234677557	5	25	7252677128	34	14
0494161140	84	2	7234677557	56	4	7252677256	25	11
0494161240	84	3	7234677560	30	12	7252677580	33	4
0494161340	84	4	7234677560	47	60	7252677618	34	13
0494161440	84	5	7234677594	5	17	7252678053	85	5
0899930278	66	15	7234678124	38	16	7254677068	98	18
1004357032	3	1	7234678147	5	12	7272671155	24	2
1004357433	3	16	7234678182	79	14	7272671155	35	2
1009937011	87	25	7236677055	81	10	7286671075	89	10
1009938911	21	19	7236677079	23	23	7286671503	88	14
1009939111	21	18	7236677079	24	14	7286671503	91	6
1009939211	87	26	7236677079	81	14	7302670039	80	31
1009953684	5	19	7236677079	89	20	7316681510	21	9
1360110326	5	24	7236677079	90	5	7332673007	6	9
1380120043	5	2	7236677080	29	10	7334670001	6	17
1380120143	5	1	7236677130	21	24	7382677075	92	19
1380830140	20	4	7236677245	48	9	7382677102	92	21
1381710017	23	21	7236677245	92	17	7382678072	92	18
1381710025	23	17	7236677305	92	34	7382679050	5	22
1381710034	23	12	7236677307	95	15	7397677086	83	19
1381710134	23	20	7236677942	45	31	7397677088	27	22
1383000321	66	17	7236677942	85	10	7397677088	62	3
1383050226	25	3	7236677950	48	13	7397677088	85	22
1383050440	65	25	7236678131	43	3	7403677733	92	6
1383350040	72	3	7236678131	53	3	7403677733	92	22
1431010254	22	14	7250671588	45	15	7403677733	95	13

Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
7403677804	67	15	7460094005	18	6	7530680039	24	13
7404677212	88	8	7460094061	25	13	7593641006	26	4
7404677709	45	9	7460094061	37	4	7593641017	11	3
7404677709	98	11	7462680008	23	3	7593641020	8	9
7405677002	45	29	7462680008	24	4	7593641020	87	20
7405677005	23	7	7462680008	29	11	7593641020	101	23
7405677005	27	23	7462680008	45	32	7593641028	6	16
7405677005	29	2	7462680008	65	30	7593641029	7	9
7405677005	46	17	7462680008	66	14	7593641034	11	19
7405677005	65	12	7462680008	80	16	7593641035	86	19
7405677005	65	16	7462680008	81	7	7593641038	6	10
7405677005	65	20	7462680008	84	10	7593641044	44	16
7405677005	66	10	7462680008	90	6	7594655060	67	13
7405677005	72	4	7462680011	21	25	7686682004	36	2
7405677005	80	17	7462680011	22	10	7686682004	43	6
7405677005	83	22	7462680011	25	5	7686682004	53	6
7405677005	93	60	7462680011	66	3	7731000001	75	1
7409678208	26	14	7462680011	66	26	7733661601	76	3
7451680012	45	17	7462680011	83	21	7733661603	76	4
7451680013	61	10	7462680011	84	15	7734000354	69	5
7451680107	13	10	7462680011	86	22	7734000917	69	6
7451680107	15	6	7462680011	94	8	7734000917	69	13
7451680108	19	9	7462680016	94	12	7761675404	92	3
7451680108	69	24	7464680138	34	3	7761675404	99	9
7451680108	76	17	7469172005	25	10	7761675404	100	8
7451680109	14	3	7479682409	69	29	7786680106	27	4
7451680109	23	18	7490682012	52	6	7786680106	28	12
7451680109	62	26	7490682018	17	7	7788010665	27	3
7451680109	65	14	7490682038	43	14	7788010665	28	13
7451680109	69	36	7490682038	53	14	7788010668	87	23
7451680109	91	8	7490682045	41	2	7821104210	45	22
7451680112	16	3	7490682045	52	16	7821104306	23	9
7451680112	24	12	7490682055	58	6	7821104308	45	5
7451680112	61	3	7490682065	55	2	7821104308	45	19
7451680112	84	12	7490682072	59	14	7824670271	23	22
7451680113	48	8	7490682075	42	9	7824670271	24	17
7451680115	48	14	7491682058	95	9	7900000573	84	1
7451680116	48	10	7514682132	14	6	7900104307	65	21
7451680116	94	13	7530680018	65	23	10215-00	102	1
7453680112	65	22	7530680028	45	8	9709160G	71	13

Part No.	Page No.	Ref. No.
9709160G	77	5
9709160G	78	3
9901617G	85	15
9901666G	69	11
9901666G	69	32
9901671G	13	8
9901671G	66	13
9901673G	80	23
9901673G	90	17
9909024G	11	14
9910513G	100	13
FL00001367	102	4
FL00001368	102	3

Numerical Index

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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