

**GEHL**®

# Model 153

## Compact Excavator

Beginning Serial Number: AB00440

Form No.  
918035  
Revision E  
May 2009

**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 nuts, and bolts are Grade 8.8, cadmium or zinc plated.

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

ASSD	Assembled
ASY	Assembly
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 Thread
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

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# DECAL LOCATIONS

## GENERAL INFORMATION

Decal location 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. Refer to the illustrations for appropriate replacement locations.

To ensure proper selection of the correct replacement decals, compare all of the various closeup location drawings to the machine before starting to refinish the unit. Then circle each decal shown (applicable to the machine) while checking off its part number in the listing. After verifying all the decals needed for replacement, place any extra unnecessary decals aside for disposal.

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

## NEW DECAL APPLICATION

If there is a decal on a part that is to be replaced, be sure that the decal is applied to the replacement part. 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.



## 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 machine.**

### PAINT NOTICE

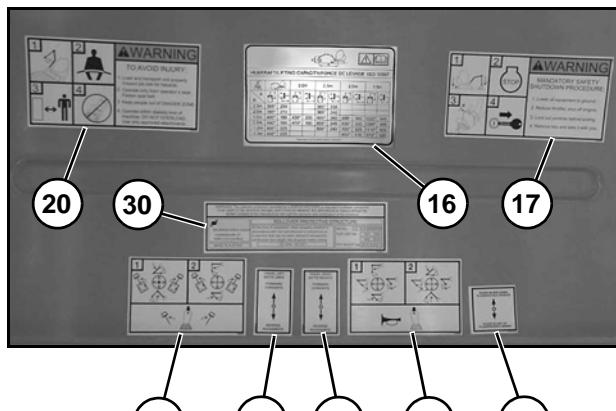
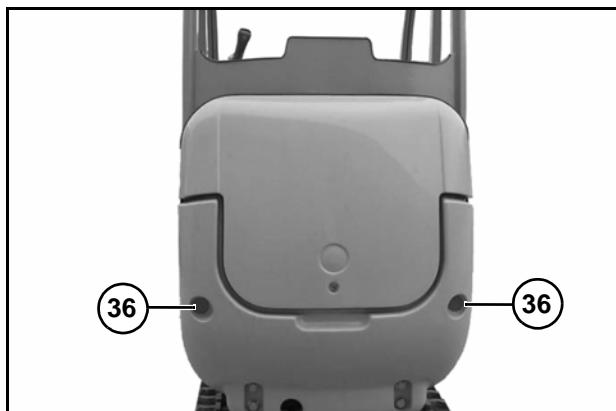
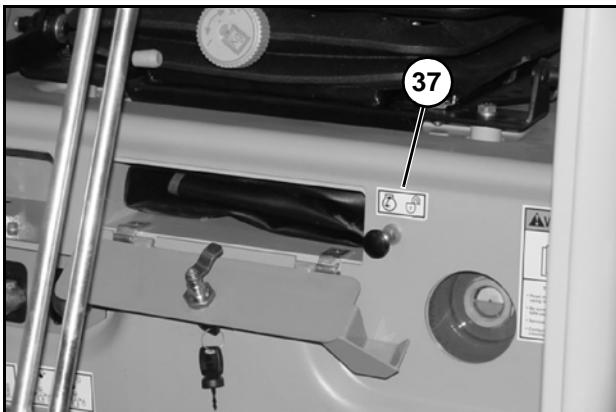
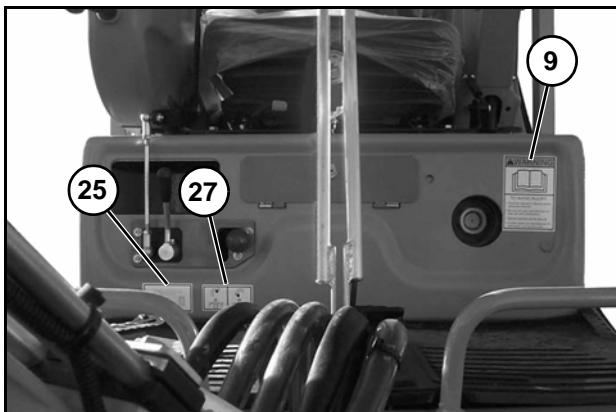
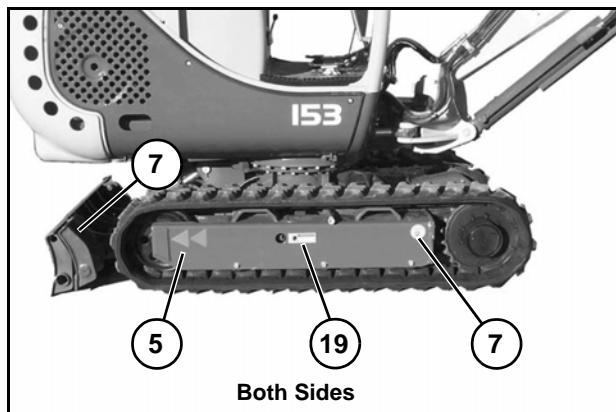
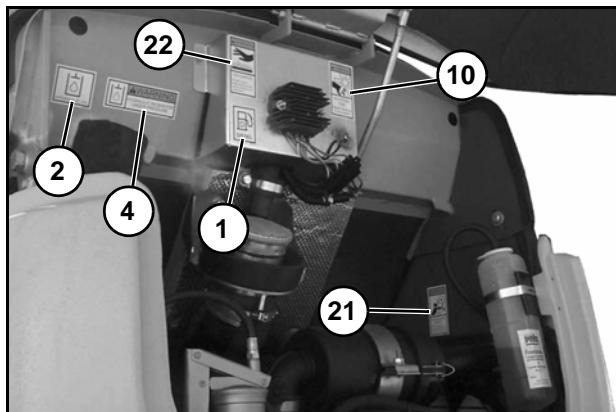
Use this list to order paint for refinishing:

167788	4 qts. Construction Yellow (GEHL)
167780	4 qts. Light Gray (GEHL)
167774	4 qts. Dark Gray (GEHL)
167789	6 (12.8 oz. Spray Cans) Yellow (GEHL)
167775	6 (12.8 oz. Spray Cans) Dark Gray (GEHL)
167781	6 (12.8 oz. Spray Cans) Light Gray (GEHL)

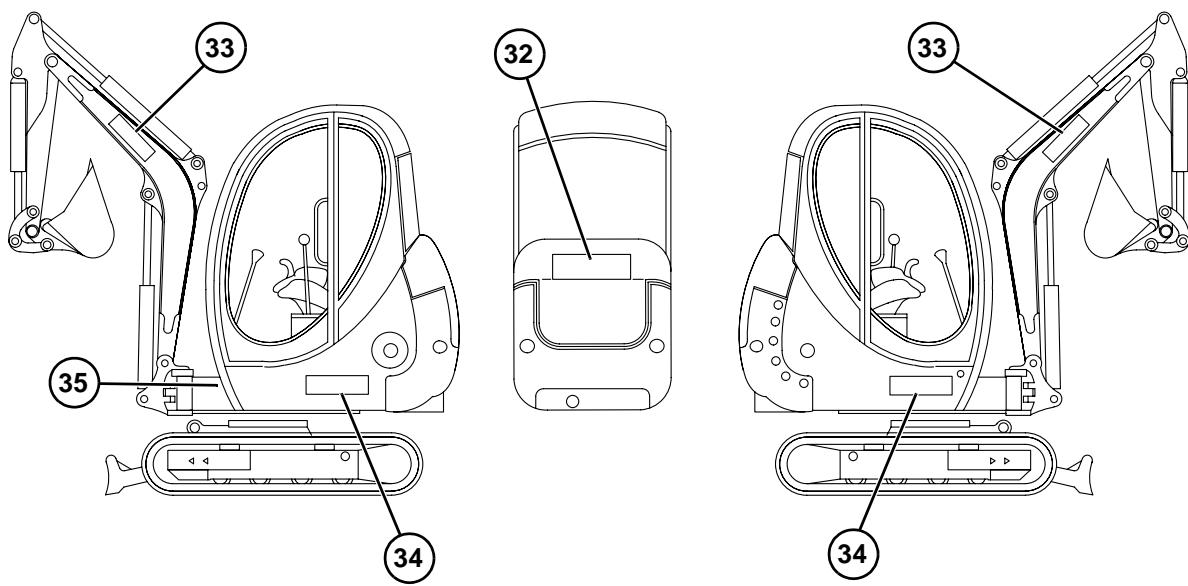
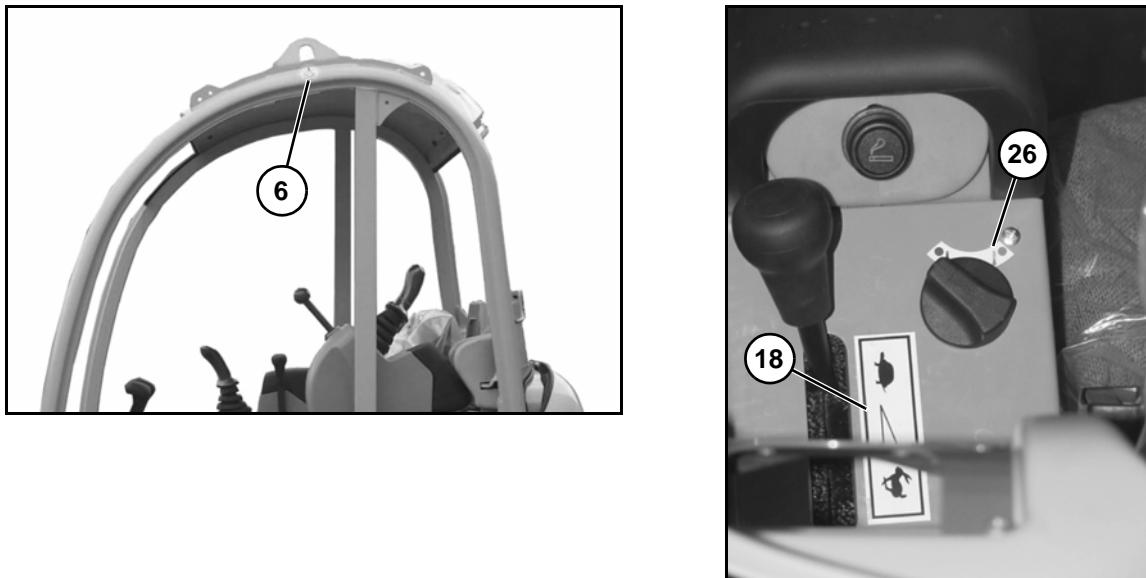
The decal kit for the model 153 Compact Excavator is listed below:

Ref. No.	Part No.	Description & Quantity
	165991	Kit/Decal GE153
1	161965	Decal/Diesel Fuel
2	161966	Decal/Hydraulic Oil
3	161967	Decal/Lubrication
4	161969	Decal/Warning Hyd Reservoir
5	161970	Decal/Arrow (2 places)
6	161981	Decal/Lift Point (4 places)
7	161982	Decal/Tiedown Point (4 places)
8	161985	Decal/Warning Keep Away (2 places)
9	161986	Decal/Warning Read Manual
10	161987	Decal/Warning Rotating Fan
11	162449	Decal/Dozer Blade Up-Down
12	162450	Decal/Travel Left
13	162451	Decal/Travel Right
14	162452	Decal/Joystick Control Right
15	162453	Decal/Joystick Control Left
16	203793	Decal/Lifting Capacity
17	163973	Decal/Warning Mandatory Shutdown
18	163974	Decal/Throttle Speed
19	163975	Decal/Warning Avoid Injury (2 places)
20	163976	Decal/Warning Avoid Injury
21	163977	Decal/Warning Entanglement Hazard
22	163978	Decal/Warning Hot Surface
24	164854	Decal/Warning Avoid Injury
25	9705282G	Decal/Track Spread
26	9705366G	Decal/Heater (SN AD00453 and Before)
27	9705488G	Decal/Swing Lock
28	9705489G	Decal/Return Flow Control
29	9705501G	Decal/ISO-SAE Valve
30	9705502G	Decal/ROPS-FOPS
31	9705523G	Decal/Cabin Support
32	183935	Decal/Gehl 5.50 x 23.34
33	183963	Decal/Gehl 3.75 x 15.92
34	170176	Decal/153 (2 places)
35	104833	Decal/ Gehl 2.00 x 8.49 (white)
36	206032	Decal/Reflector (2 places)
37	164853	Decal/Engine Compartment Latch (SN AD00453 and Before)

# DECAL LOCATIONS



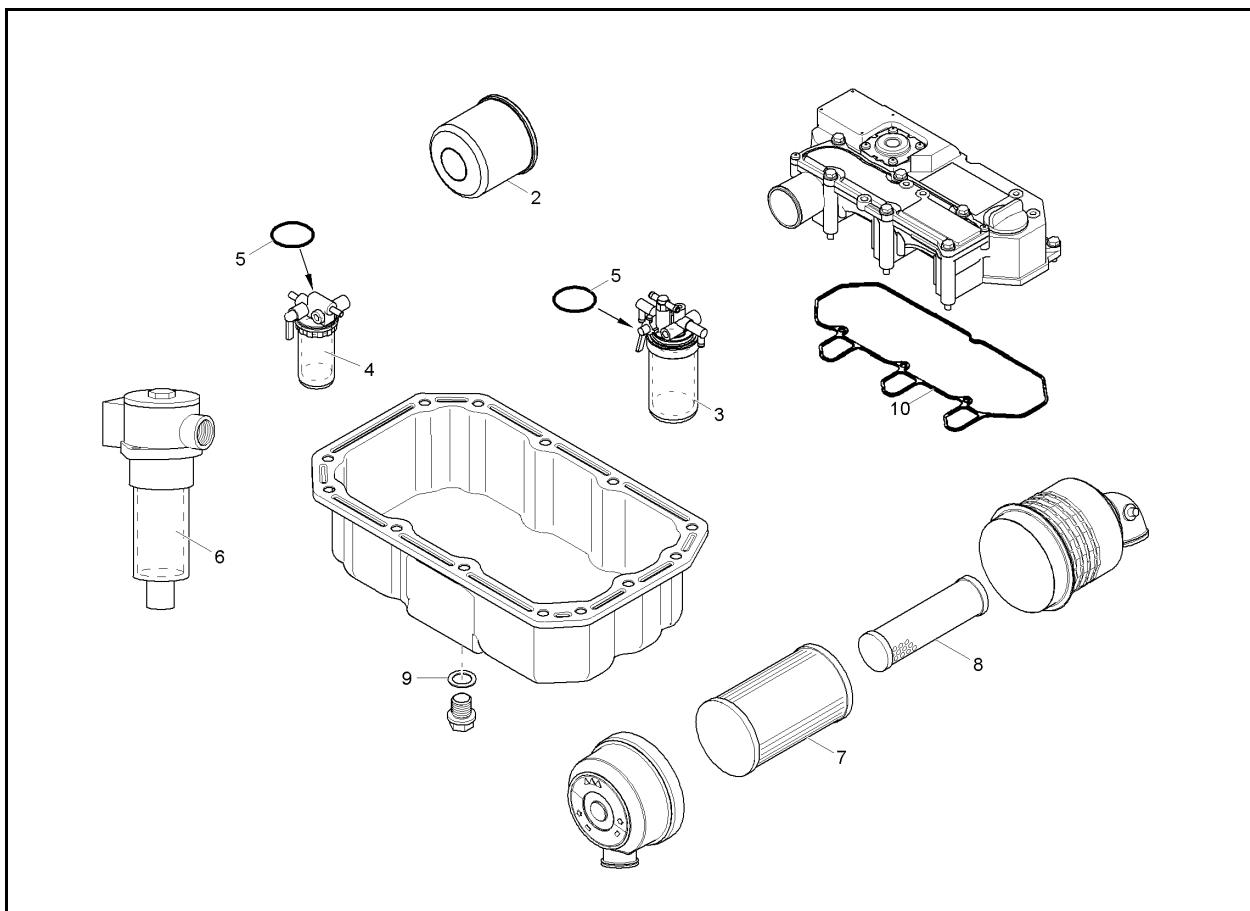
# DECAL LOCATIONS



# **NOTES**

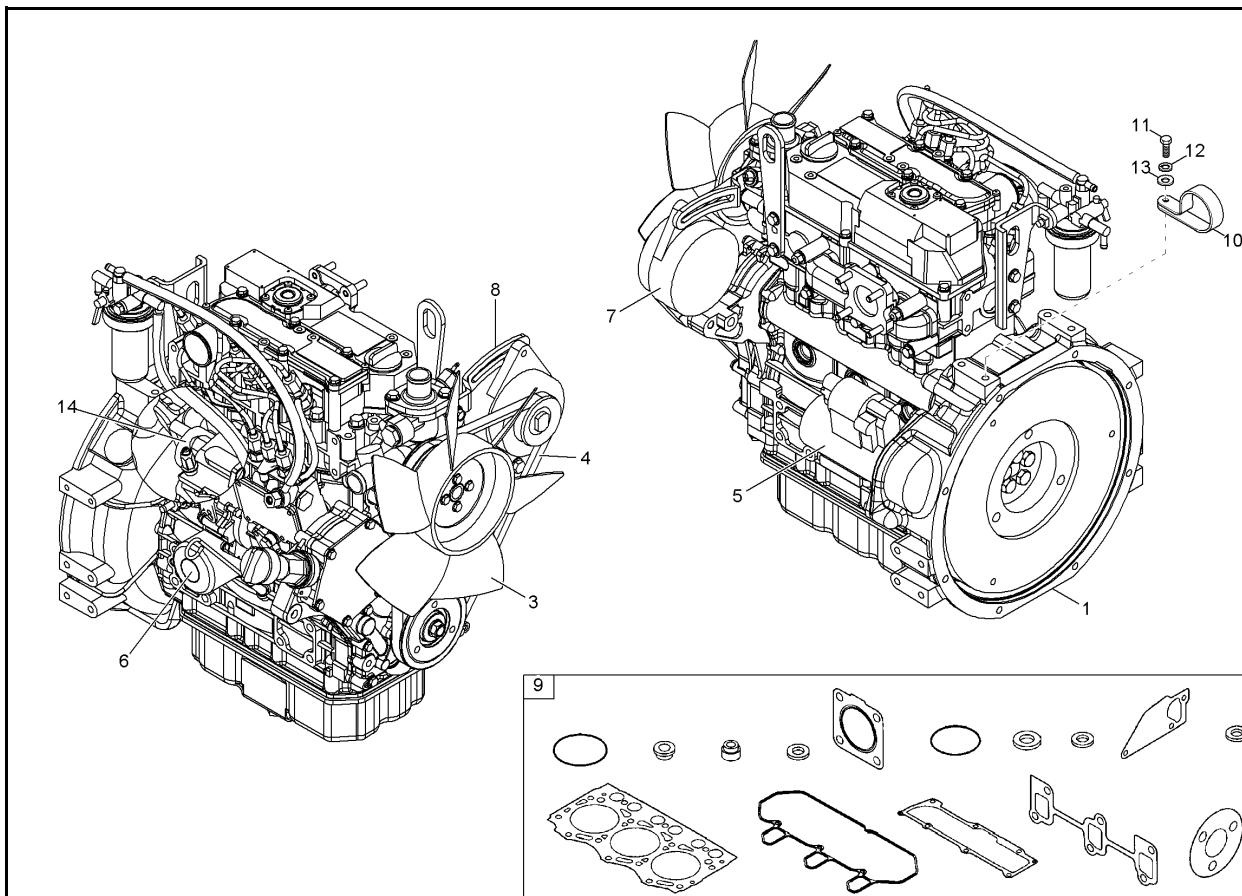
# 153 - FILTERS, GASKETS AND SEALS

1000148608



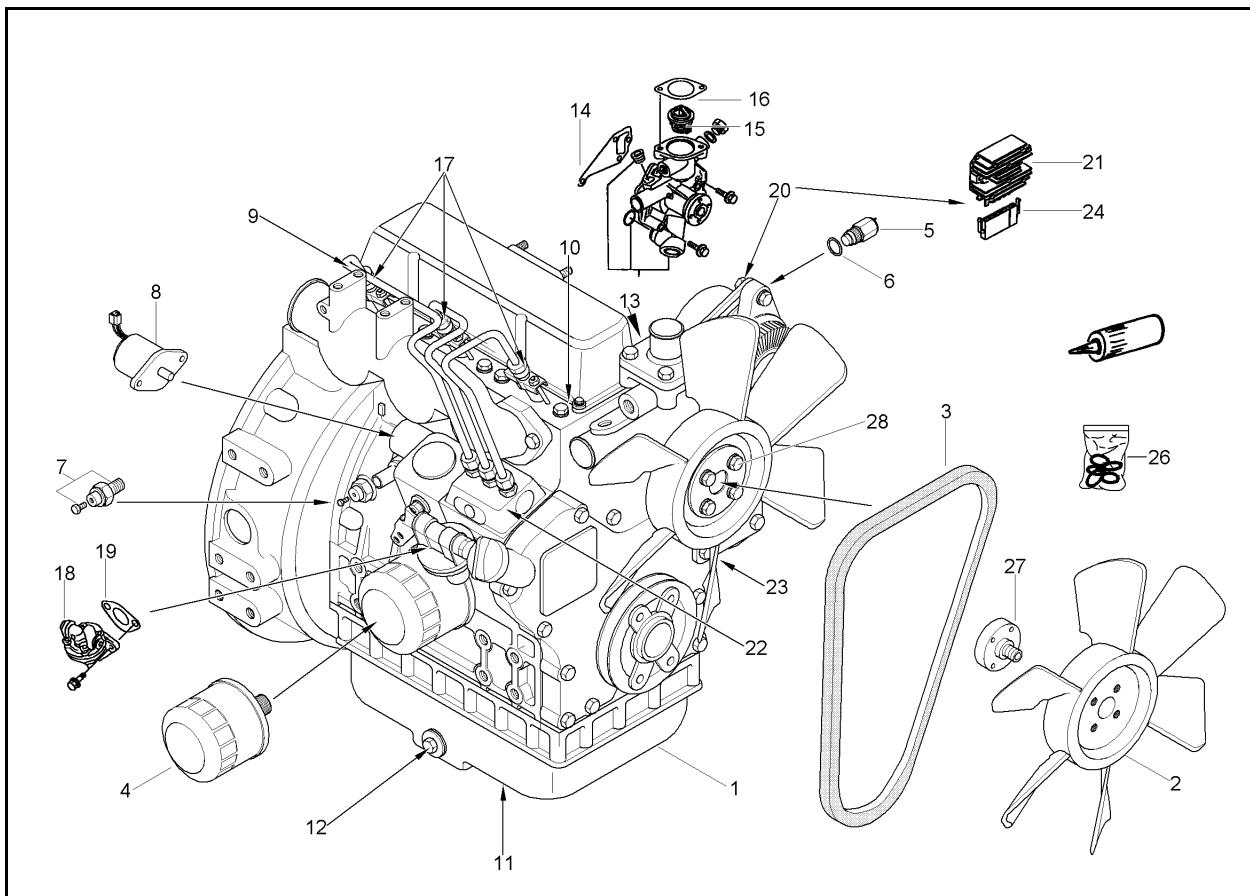
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
2	178677	ENGINE OIL FILTER	1	9	206249	SEAL RING (SN AE00001 AND UP)	1	
3	206299	FUEL FILTER ELEMENT (SN AE00001 AND UP)	1	164719	PLUG GASKET (SN AC00304 - AD04191)	1		
	425-35326	ELEMENT/FUEL (SN AD04191 AND BEFORE)	1	178197	O-RING (SN AC00303 AND BEFORE)	1		
4	425-36091	SEPARATOR FILTER ELEMENT	1	10	206227	VALVE COVER SEAL (SN AE00001 AND UP) (SHOWN)	1	
5	206912	O-RING	2		425-35207	GASKET/BONNET (SN AC00304 - AD04191)	1	
6	165111	HYDRAULIC OIL FILTER ELEMENT	1		178211	SEAL (SN AC00303 AND BEFORE)	1	
7	206303	AIR FILTER/OUTER (SN AE00001 AND UP)	1	* Inner element not used on SN AD04191 AND BEFORE				
	425-36154	ELEMENT/ AIR CLEANER (SN AD04191 AND BEFORE)	1					
8	206304	AIR FILTER/INNER* (SN AE00001 AND UP)	1					

**153 - DIESEL ENGINE**  
**1000148603 (SN AE00001 AND UP)**



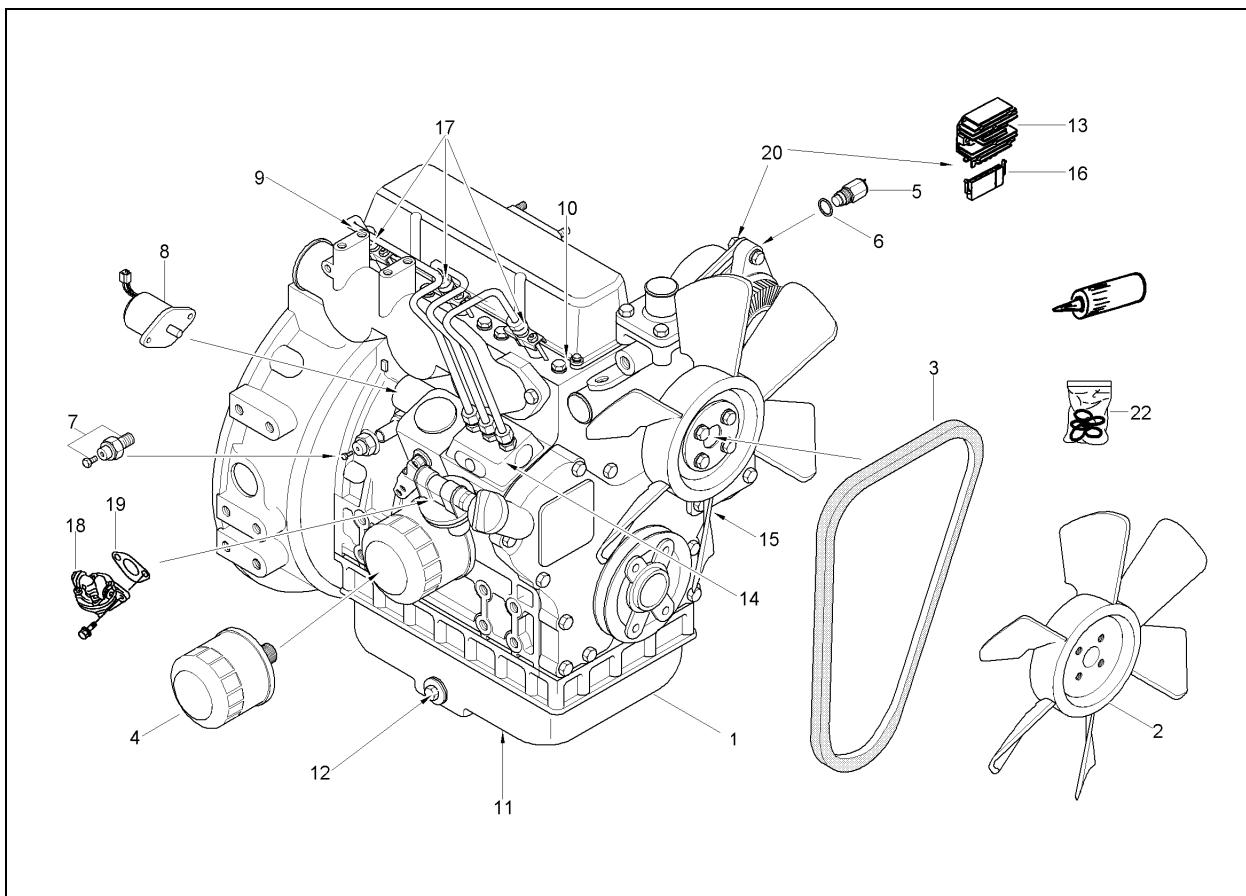
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206203	DIESEL ENGINE	1	9	206209	SEAL KIT	1
3	206204	VENTILATION FAN	1	10	206210	HOSE CLAMP	1
4	206205	FAN BELT	1	11	656006	CS M10-1.5X20 C8.8 ZY DIN931	1
5	206206	STARTER	1	12	161669	LOCKWASHER S10	1
6	178677	ENGINE OIL FILTER	1	13	161640	WASHER/GR A 10.5	1
7	206207	ALTERNATOR	1	14	189575	SOLENOID/STOP	1
8	206208	CLAMP BAR/ALTERNATOR ADJUSTING	1				

**153 - DIESEL ENGINE**  
**1000131270 (SN AC00304 - AD04191)**



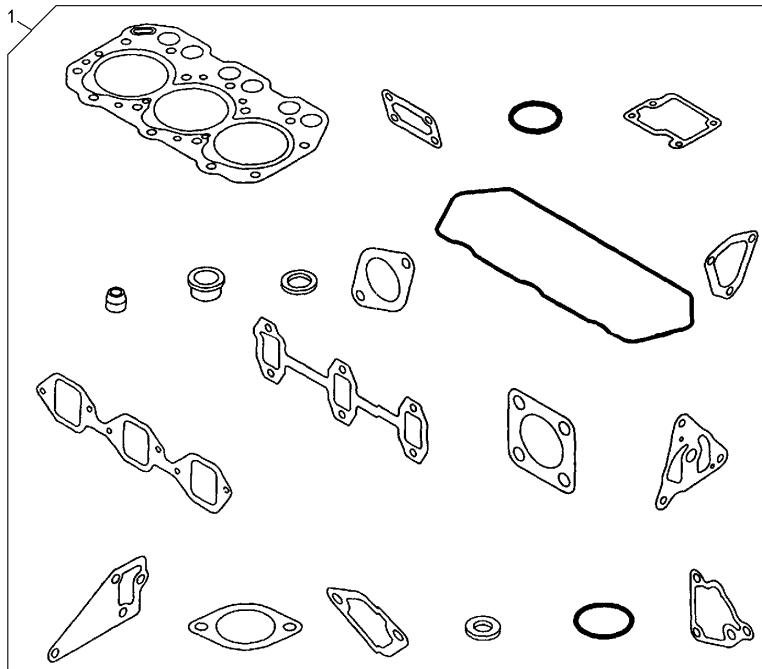
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1405426G	DIESEL ENGINE	1	17	178688	INJECTION NOZZLE	3
2	1425403G	VENTILATOR	1	18	425-35318	FUEL PUMP ASSEMBLY	1
3	425-36141	BELT/FAN	1	19	425-35317	GASKET/FUEL PUMP	1
4	178677	ENGINE OIL FILTER	1	20	425-36147	GENERATOR	1
5	425-34683	SENSOR/THERMOSTAT 110° C	1	21	425-36148	REGULATOR	1
6	425-34707	SEAL	1	22	178687	INJECTION PUMP	1
7	425-36085	SENDER/OIL PRESSURE	1	23	425-35376	STARTER	1
8	425-35925	SOLENOID STOP	1	24	425-36149	COUPLER/REGULATOR	1
9	178321	CYLINDER HEAD SEAL	1	26	1405422G	SEAL KIT	1
10	425-35207	GASKET/BONNET	1			See page 13 for individual components	
11	425-36145	SUMP ASSY/LUB OIL	1	27	1425428G	FAN SPACER (SN AC00691 AND UP)	1
12	425-34753	PLUG/OIL DRAIN	1	28	162025	SCREW (SN AC00691 AND UP)	4
13	425-35264	WATER PUMP ASSEMBLY	1		203990	SCREW (SN AC00690 AND BEFORE)	4
14	425-35265	GASKET/WATER PUMP	1				
15	425-35269	THERMOSTAT	1				
16	425-36142	GASKET	1				

**153 - DIESEL ENGINE**  
**1000139356 (SN AC00303 AND BEFORE)**



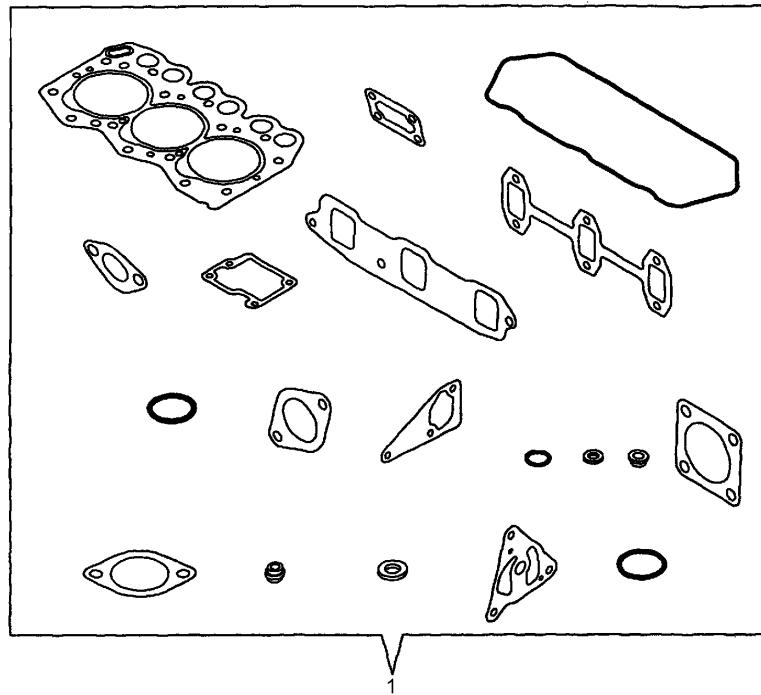
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	DIESEL ENGINE	1	13	425-36148	REGULATOR	1
2	1425403G	VENTILATOR	1	14	425-35736	FUEL INJECTION PUMP ASSY	1
3	425-36163	BELT/FAN	1	15	425-35376	STARTER	1
4	178677	ENGINE OIL FILTER	1	16	425-36149	COUPLER/REGULATOR	1
5	425-34683	SENSOR/THERMOSTAT 110° C	1	17	425-36146	FUEL INJECTION VALVE ASSY	3
6	160427	SEAL	1	18	425-35318	FUEL PUMP ASSEMBLY	1
7	425-36085	SENDER/OIL PRESSURE	1	19	425-35317	GASKET/FUEL PUMP	1
8	425-35925	SOLENOID STOP	1	20	425-36147	GENERATOR	1
9	425-36165	GASKET/CYLINDER HEAD	1	22	1405424G	SEAL KIT	1
10	425-35627	GASKET/BONNET	1			See page 14 for individual components	
11	425-35675	SUMP ASSY/LUB. OIL	1			* For service use 205607 (Kit/Engine) to replace 1405425G Diesel Engine.	
12	425-36166	PLUG M16	1				

**153 - SEAL KIT**  
**1000131462 (SN AC00304 - AD04191)**



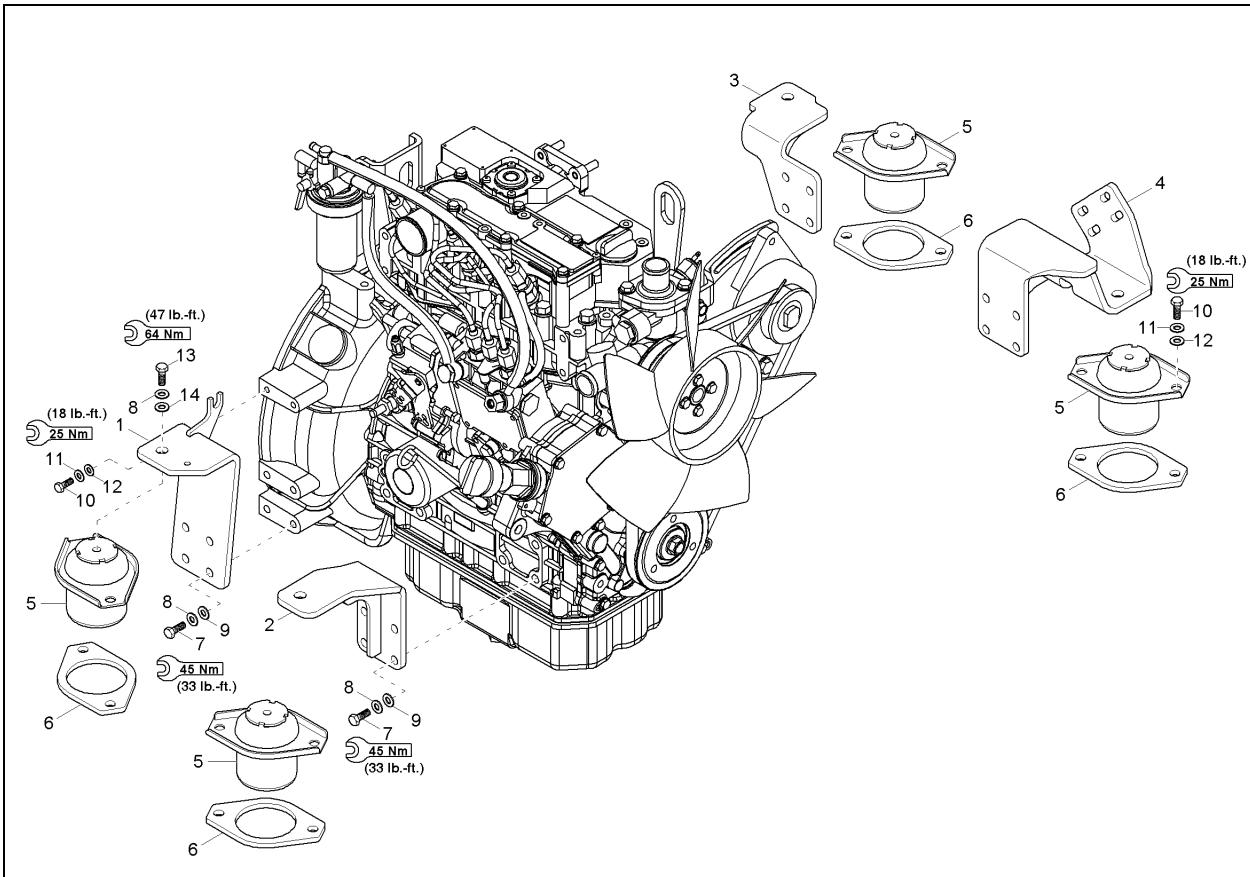
Ref.	No. Part No.	Description	Qty.
1	1405422G	SEAL KIT	1

**153 - SEAL KIT**  
**1000131460 (SN AC00303 AND BEFORE)**



Ref.	No. Part No.	Description	Qty.
1	1405424G	SEAL KIT	1

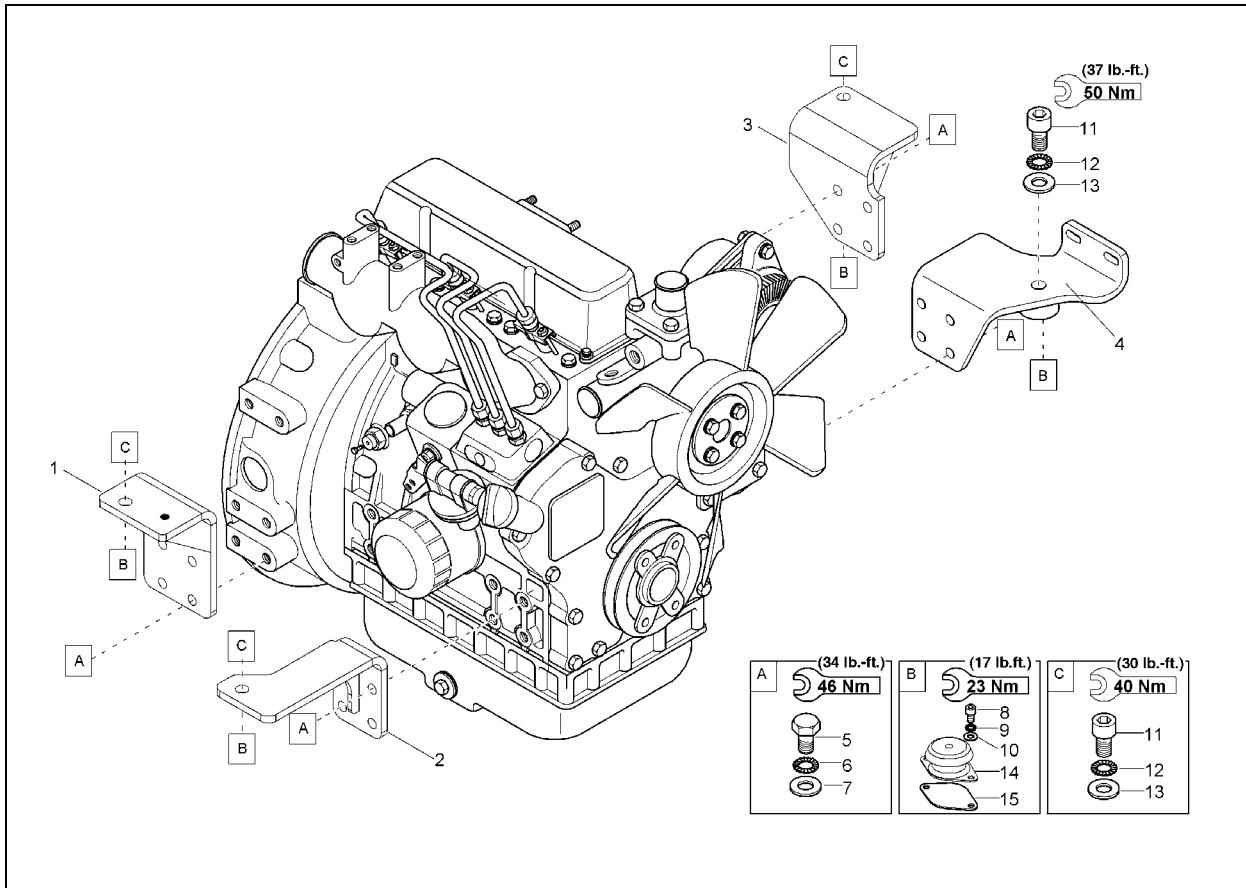
**153 - ENGINE MOUNTS**  
**1000148832 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206196	ENGINE MOUNT	1	8	161669	LOCKWASHER S10	20
2	206197	ENGINE MOUNT	1	9	161640	WASHER/GR A 10.5	16
3	206198	ENGINE MOUNT	1	10	177648	HEX SCREW	10
4	206199	ENGINE MOUNT	1	11	163670	LOCKWASHER	10
5	160645	MOTOR MOUNT	4	12	206301	SPACER	10
6	206200	SUPPORT PLATE	4	13	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
7	651393	CS M10-1.5X25 C8.8 ZY	16	14	163642	WASHER	4

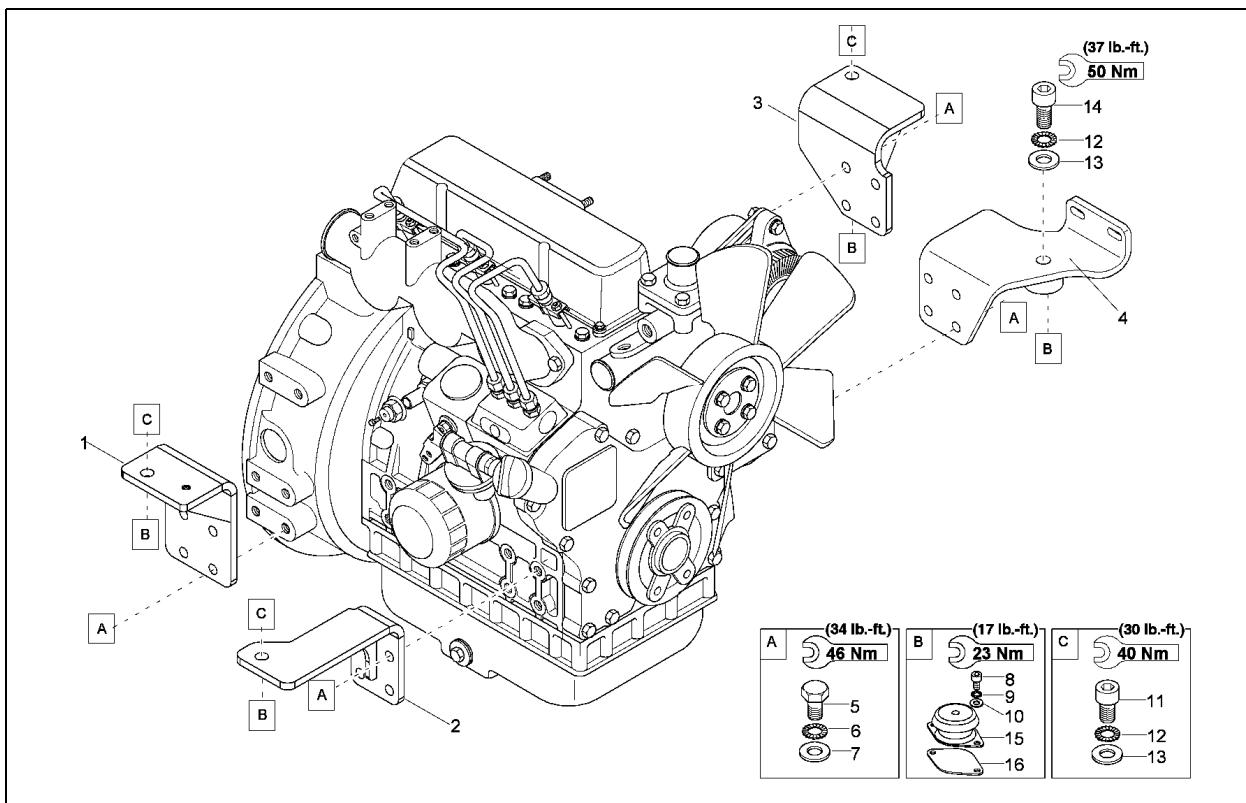
# 153 - ENGINE MOUNTS

1000131457 (SN AC00304 - AD04191)



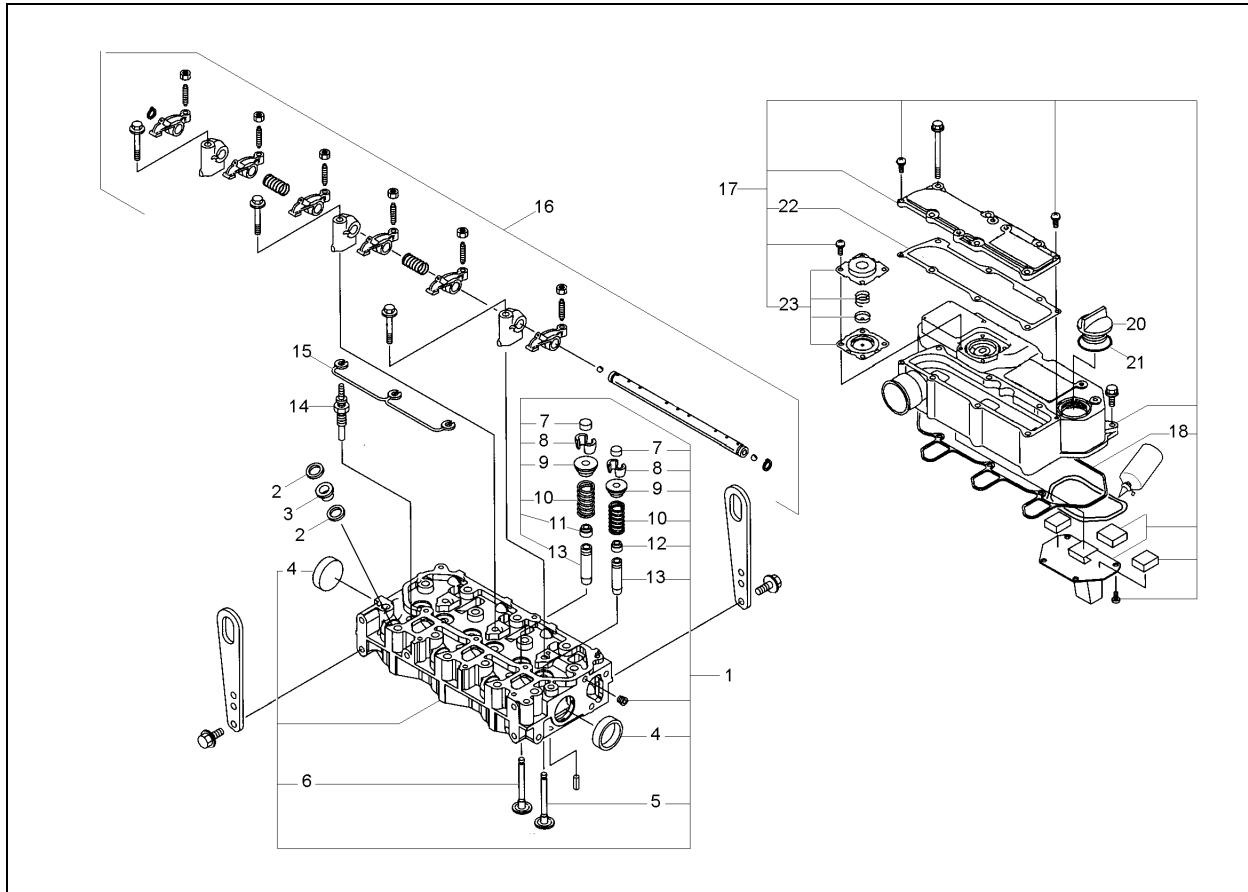
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1425001G	ENGINE MOUNT	1	11	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	4
2	1425011G	ENGINE MOUNT	1	12	163651	WASHER	4
3	1425010G	ENGINE MOUNT	1	13	161644	WASHER/GR A 13 DIN134	4
4	1425002G	ENGINE MOUNT	1	14	1425406G	VIBRATION MOUNT	4
5	651393	CS M10-1.5X25 C8.8 ZY	16	15	1425014G	BRACKET (SN AC00681 AND BEFORE)	4
6	161669	LOCKWASHER S10	16				
7	161640	WASHER/GR A 10.5	16				
8	9901277G	SCREW	8				
9	163670	LOCKWASHER	8				
10	163634	WASHER	8				

**153 - ENGINE MOUNTS**  
**1000131733 (SN AC00303 AND BEFORE)**



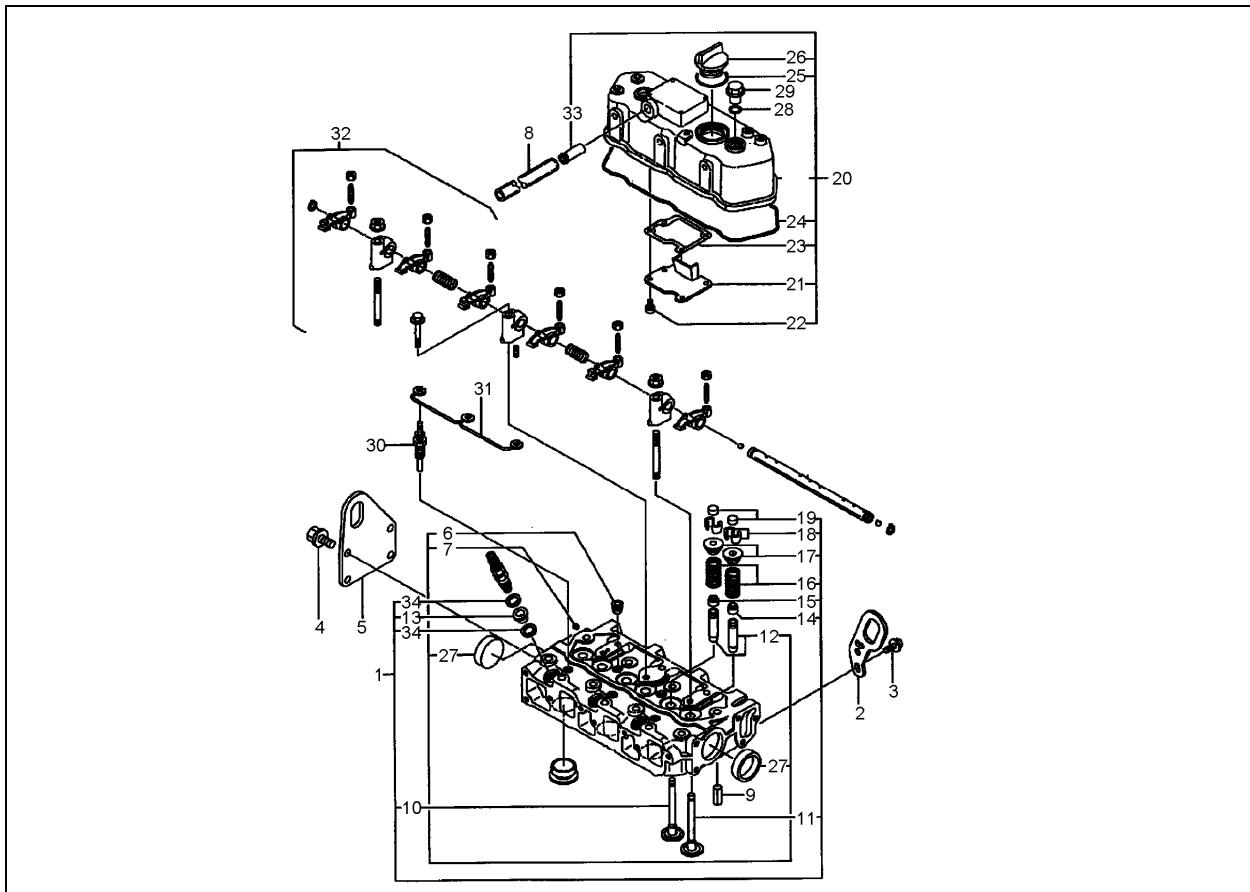
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1425007G	ENGINE MOUNT	1	9	163670	LOCKWASHER	8
2	1425006G	ENGINE MOUNT	1	10	163634	WASHER	8
3	1425009G	ENGINE MOUNT	1	11	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	3
4	1425008G	ENGINE MOUNT	1	12	163651	WASHER	4
5	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	16	13	161644	WASHER/GR A 13 DIN134	4
6	161669	LOCKWASHER S10	16	14	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	1
7	161640	WASHER/GR A 10.5	16	15	1425406G	VIBRATION MOUNT	4
8	9901277G	SCREW	8	16	1425014G	BRACKET	4

**153 - CYLINDER HEAD, VALVE COVER**  
**1000148833 (SN AE00001 AND UP)**

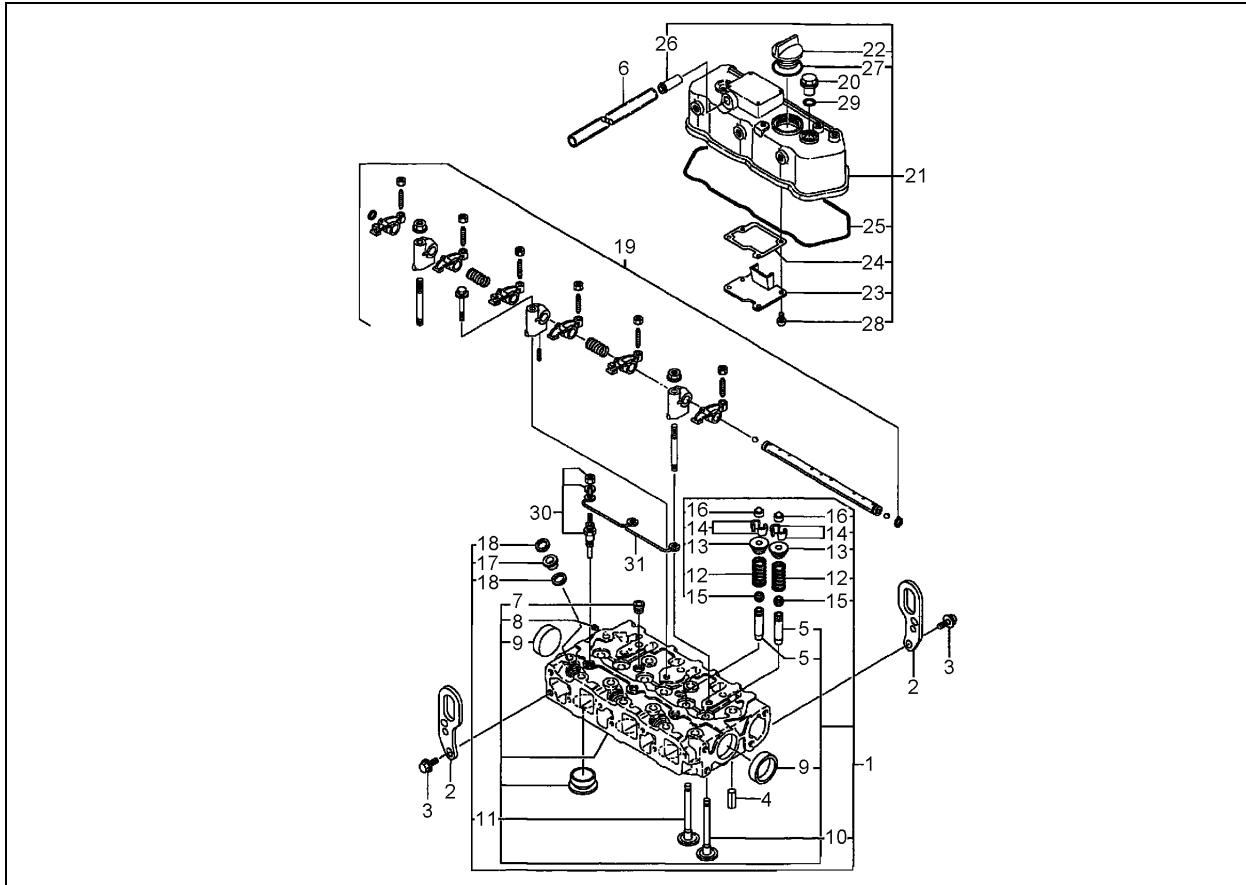


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206211	CYLINDER HEAD	1	12	206221	VALVE STEM SEAL	3
2	178294	SEAL	6	13	206222	VALVE	6
3	206212	GUARD	3	14	206223	GLOW PLUG	3
4	206213	PLUG	2	15	206224	GLOW PLUG CONNECTION	1
5	206214	INTAKE VALVE	3	16	206225	SHAFT	1
6	206215	EXHAUST VALVE	3	17	206226	VALVE COVER	1
7	206216	VALVE CAP	6	18	206227	VALVE COVER SEAL	1
8	206217	CLAMP	12	20	164662	FILLER CAP	1
9	206218	SPACER	6	21	177242	O-RING	1
10	206219	SPRING	6	22	206228	SEAL	1
11	206220	VALVE STEM SEAL	3	23	206229	DIAPHRAGM	1

**153 - CYLINDER HEAD, VALVE COVER**  
**1000131284 (SN AC00304 - AD04191)**

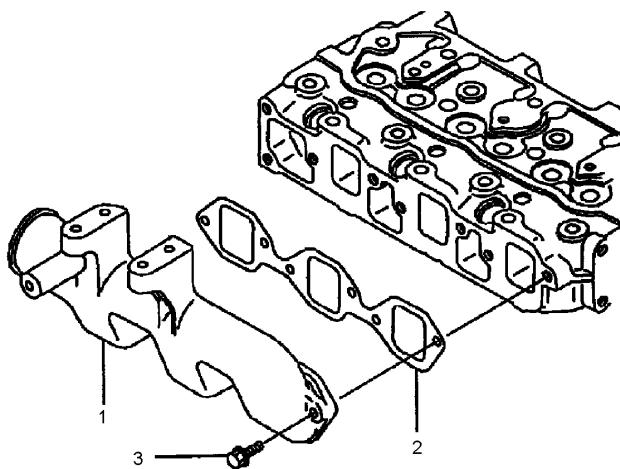


**153 - CYLINDER HEAD, VALVE COVER**  
**1000131283 (SN AC00303 AND BEFORE)**



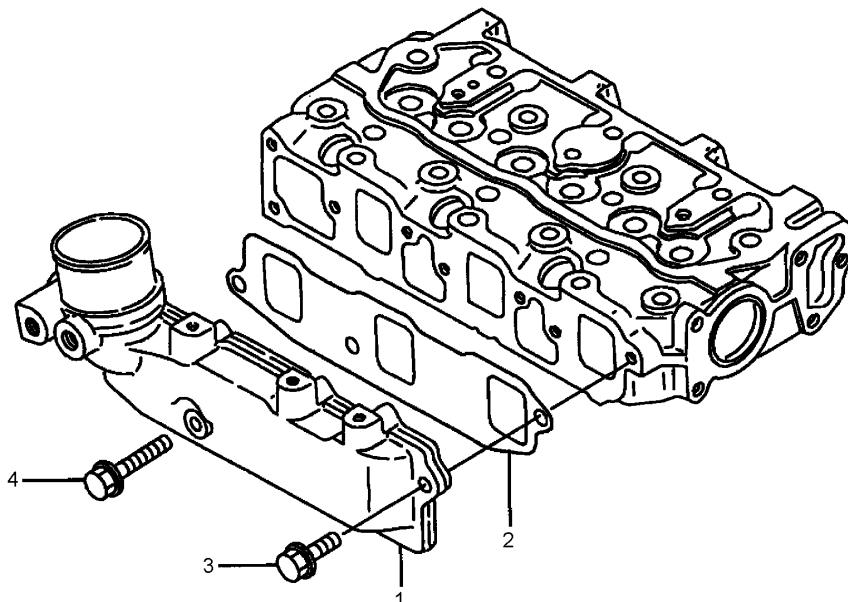
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178200	CYLINDER HEAD	1	17	178292	GUARD	3
2	178325	CONNECTING LINK	2	18	178294	SEAL	6
3	178489	SCREW	2	19	204041	SHAFT	1
4	178497	PIN/DOWEL	2	20	206385	HEADNUT	2
5	178201	GUIDE	6	21	178209	COVER	1
6	178199	HOSE	1	22	164662	FILLER CAP	1
7	164436	PLUG	2	23	178334	PLATE	1
8	178328	PLUG	1	24	178210	SEAL	1
9	178202	PLUG	2	25	178211	SEAL	1
10	178203	INLET VALVE	3	26	178336	SHAFT	1
11	178304	VALVE	3	27	177242	O-RING	1
12	178204	SPRING	6	28	209913	SCREW	4
13	178205	WASHER	6	29	164666	O-RING	2
14	178206	CLAMP	6	30	178278	GLOW PLUG	3
15	178207	SEAL	6	31	178281	GLOW PLUG CONNECTION	1
16	178208	CAP	6				

**153 - INTAKE MANIFOLD**  
**1000131289 (SN AC00304 - AD04191)**



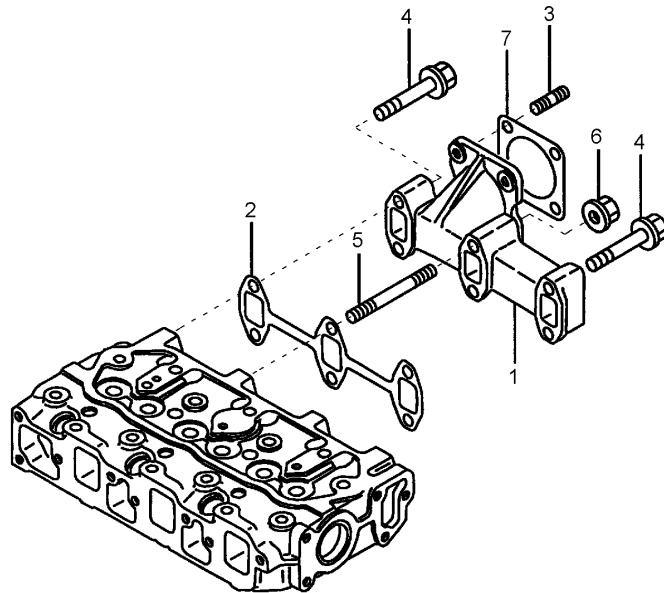
Ref.	Ref.						
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	178290	INTAKE MANIFOLD	1	3	178354	SCREW	6
2	178285	GASKET	1				

**153 - INTAKE MANIFOLD**  
**1000131287 (SN AC00303 AND BEFORE)**



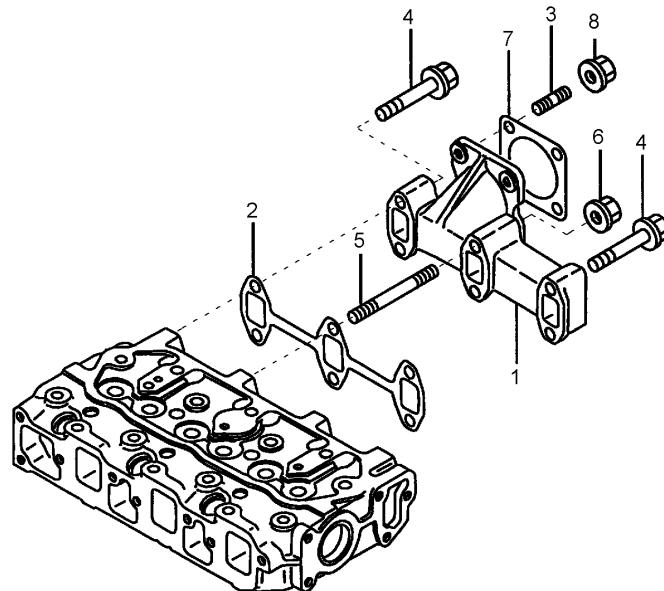
Ref.	Ref.						
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	178219	INTAKE MANIFOLD	1	3	178503	SCREW	2
2	178220	SEAL	1	4	178221	SCREW	1

**153 - EXHAUST MANIFOLD**  
1000131291 (SN AC00304 - AD04191)



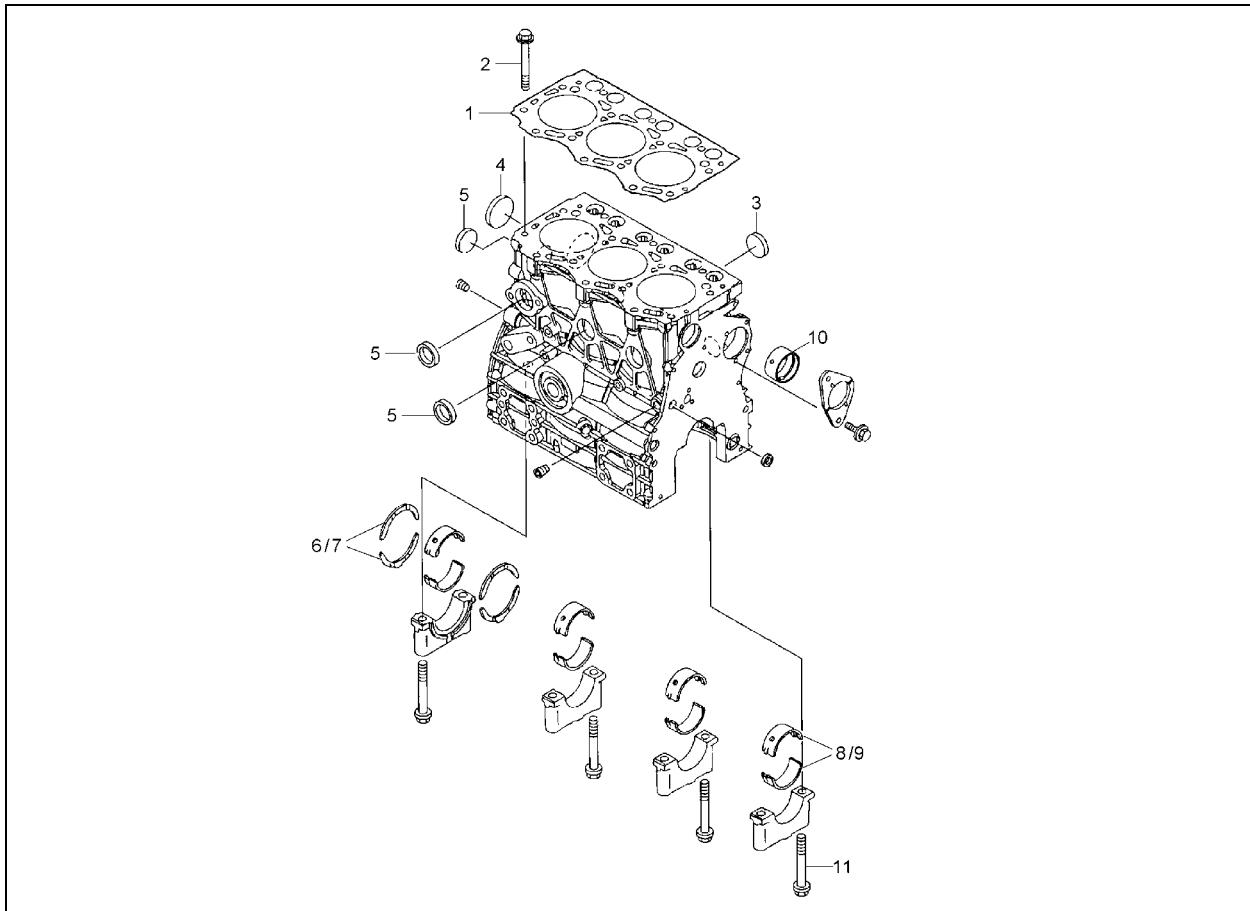
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	178283	EXHAUST MANIFOLD	1		5	178355	STUD BOLT	2
	2	178284	GASKET	1		6	164345	NUT	2
	3	177401	STUD BOLT	4		7	425-36251	GASKET	1
	4	178310	SCREW	4					

**153 - EXHAUST MANIFOLD**  
**1000131290 (SN AC00303 AND BEFORE)**



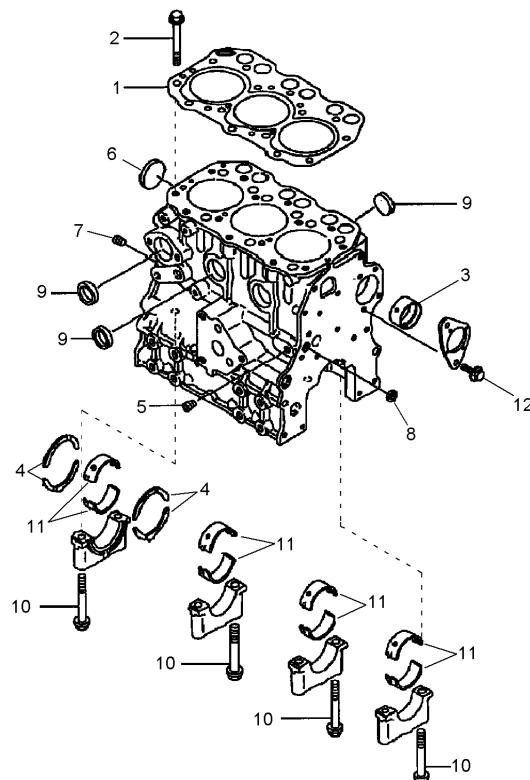
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178178	EXHAUST MANIFOLD	1	5	178217	STUD BOLT	2
2	178284	GASKET	1	6	209970	NUT	2
3	177401	STUD BOLT	4	7	178218	SEAL	1
4	178216	SCREW	4	8	164345	NUT	4

**153 - CYLINDER BLOCK**  
**1000148834 (SN AE00001 AND UP)**



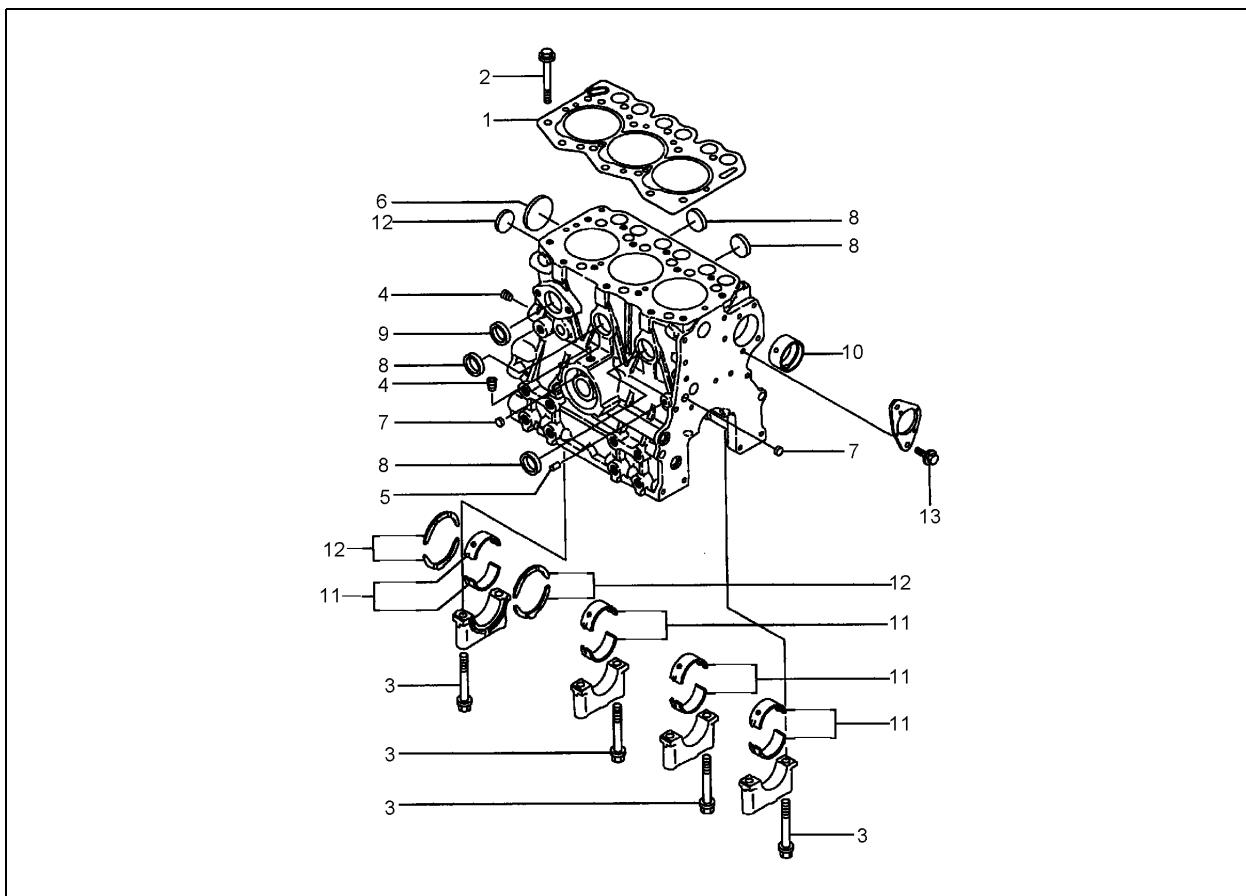
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206230	CYLINDER HEAD GASKET	1	7	206236	AXIAL BEARING (OS=0.25 MM)	2
2	206231	CYLINDER HEAD SCREW	14	8	206237	MAIN BEARING SET	4
3	206232	PLUG	3	9	206238	MAIN BEARING SET (US=0.25 MM)	4
4	206233	PLUG	1	10	201568	BUSHING	1
5	206234	PLUG	4	11	178323	SCREW	8
6	206235	AXIAL BEARING	2				

**153 - CYLINDER BLOCK**  
**1000131282 (SN AC00304 - AD04191)**



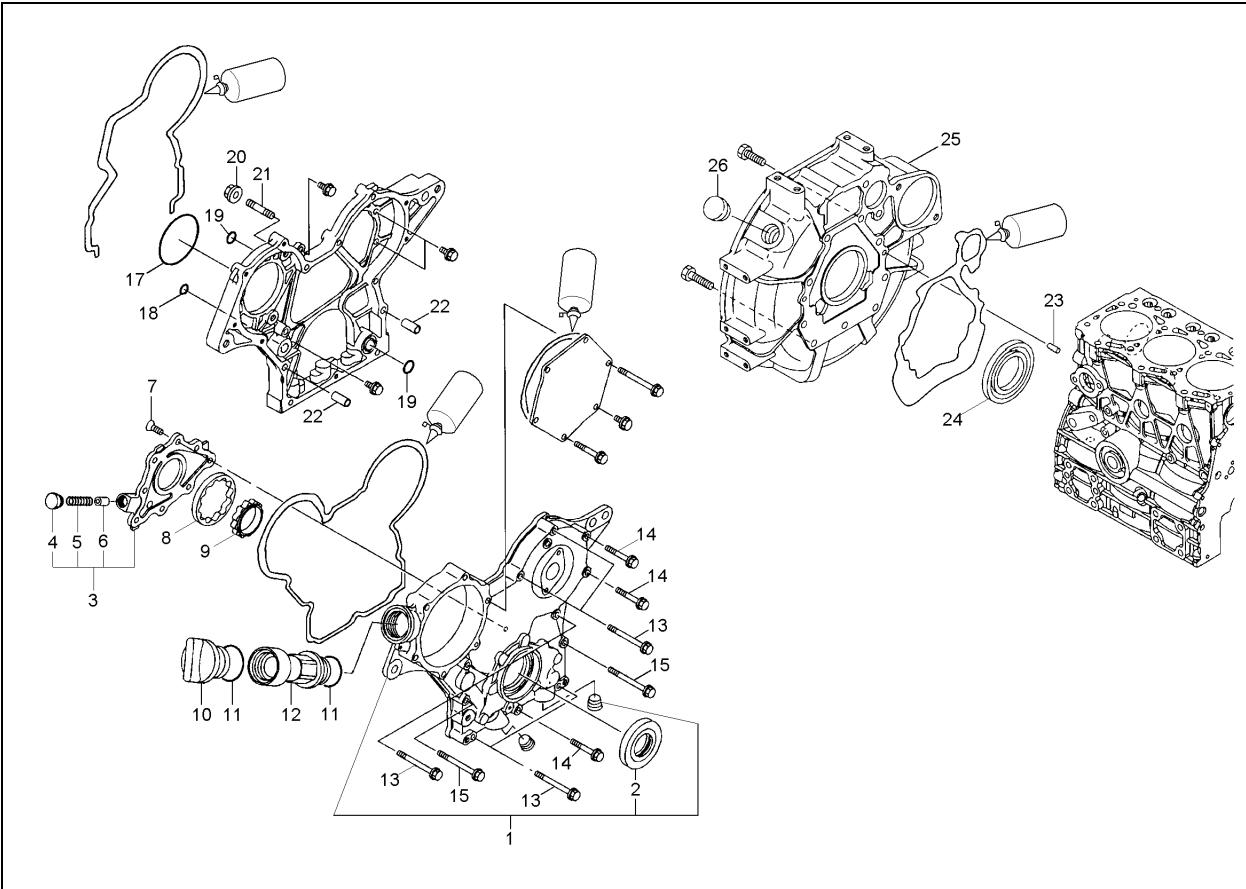
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178321	CYLINDER HEAD SEAL	1	8	177260	PLUG	1
2	178416	SCREW	14	9	0210110506	COVER	6
3	178428	BEARING	1	10	178323	SCREW	8
4	178423	BEARING	2	11	178301	CRANKSHAFT BEARING	4
5	177332	PLUG	1		203980	CRANKSHAFT BEARING (US=0.25 MM)	4
6	206233	PLUG	1	12	178319	SCREW	2
7	178493	PLUG	1				

**153 - CYLINDER BLOCK**  
**1000131281 (SN AC00303 AND BEFORE)**



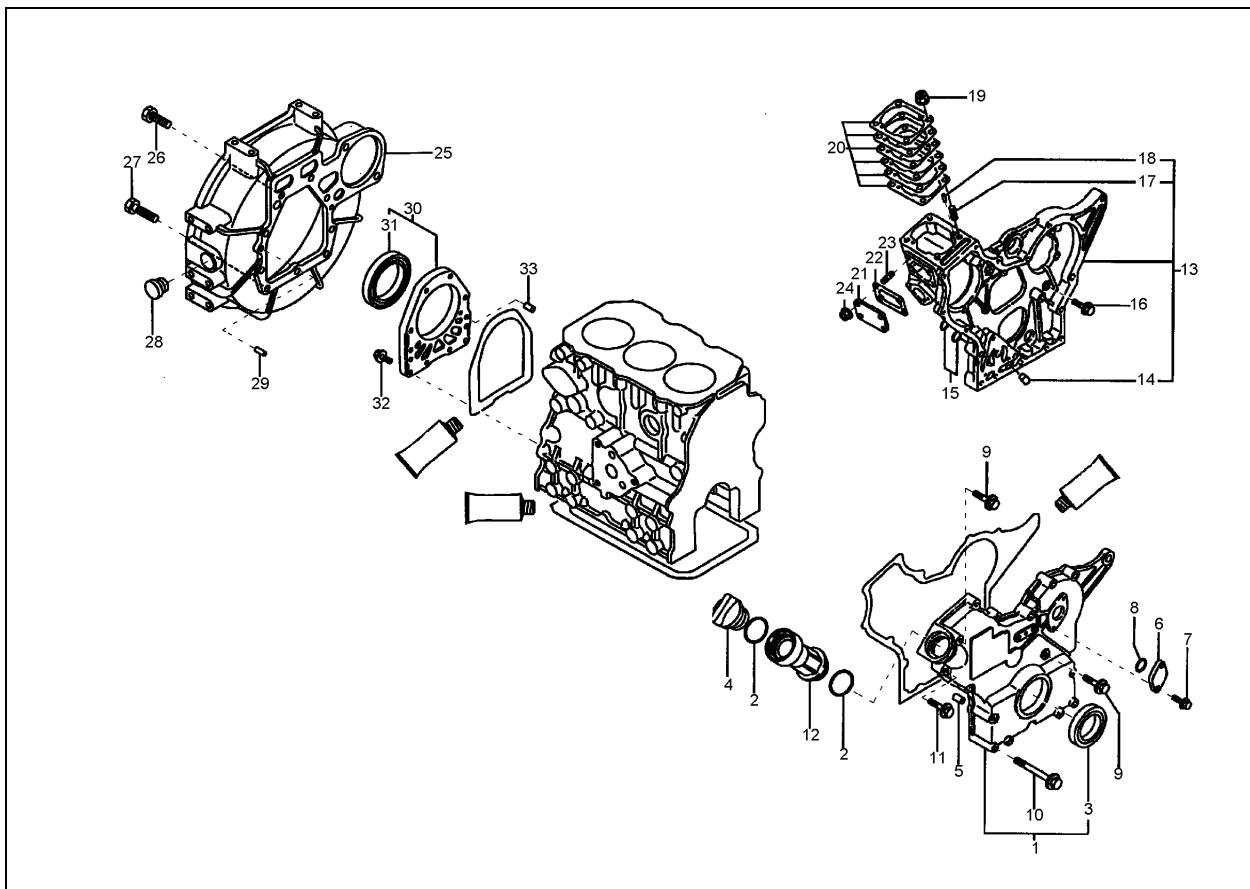
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36165	GASKET/CYLINDER HEAD	1	9	0210110506	COVER	2
2	178182	SCREW	14	10	178194	BEARING	1
3	178189	SCREW	8	11	178195	CRANKSHAFT BEARING	4
4	178270	PLUG	2		203995	CRANKSHAFT BEARING (US=0.25 MM)	4
5	178190	PLUG	1	12	178196	BEARING	2
6	178191	PLUG	1	13	178319	SCREW	2
7	178192	PLUG	2				
8	178193	PLUG	4				

**153 - SEAL, CRANKSHAFT**  
**1000148835 (SN AE00001 AND UP)**



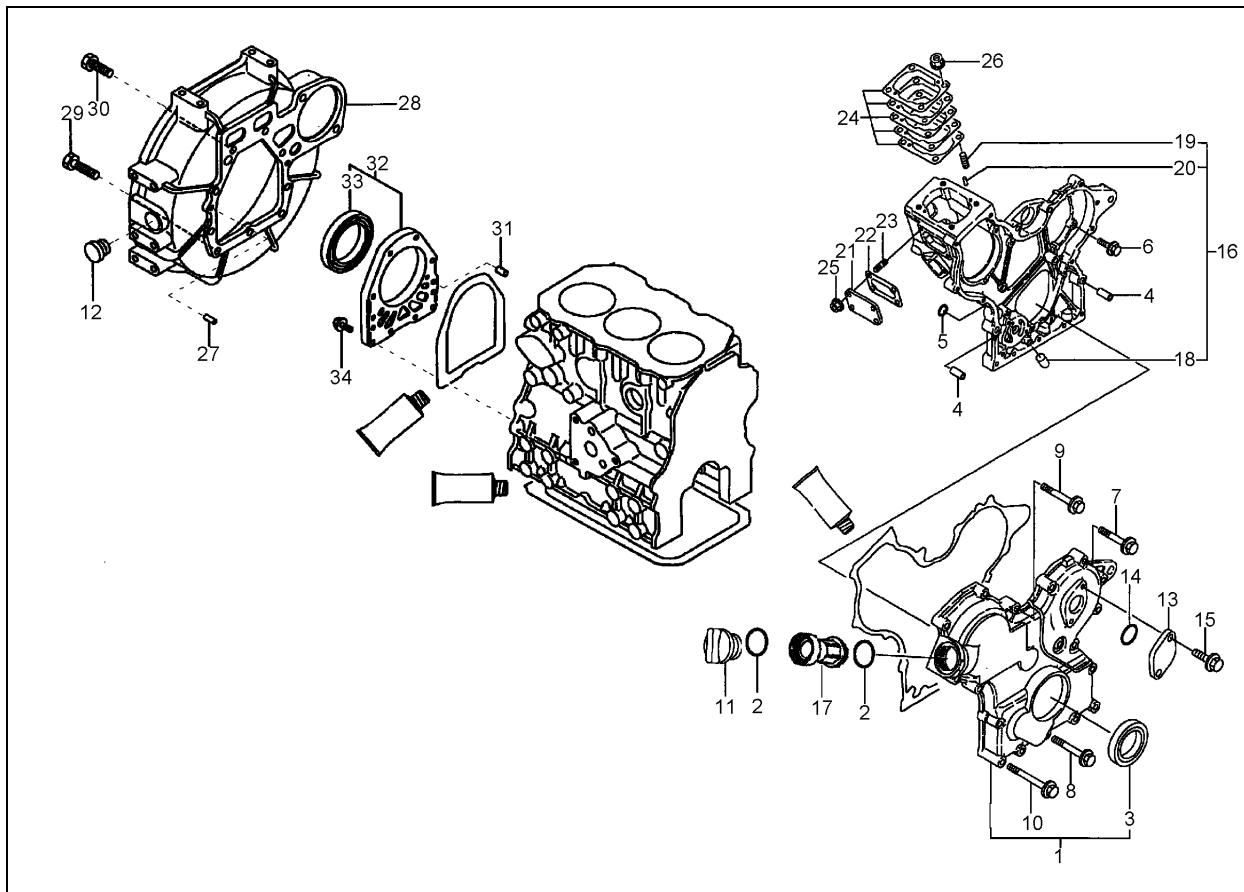
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206239	GEARBOX	1	14	177351	SCREW	3
2	178286	SEAL	1	15	178185	SCREW	2
3	206241	COVER	1	17	177263	O-RING	1
4	177371	PLUG	1	18	178370	O-RING	1
5	206242	SPRING	1	19	206245	O-RING	3
6	177369	VALVE	1	20	177400	HEXAGON NUT	3
7	177367	SCREW	8	21	206246	STUD BOLT	3
8	206243	GEAR	1	22	178400	TUBE	4
9	206244	GEAR	1	23	208161	FITTING PIN	2
10	164662	FILLER CAP	1	24	178287	SEAL	1
11	177242	O-RING	2	25	206247	FLYWHEEL HOUSING	1
12	177250	OIL FILLER PIPE	1	26	177249	RUBBER PLUG	1
13	178401	SCREW	7				

**153 - SEAL, CRANKSHAFT**  
**1000131297 (SN AC00304 - AD04191)**

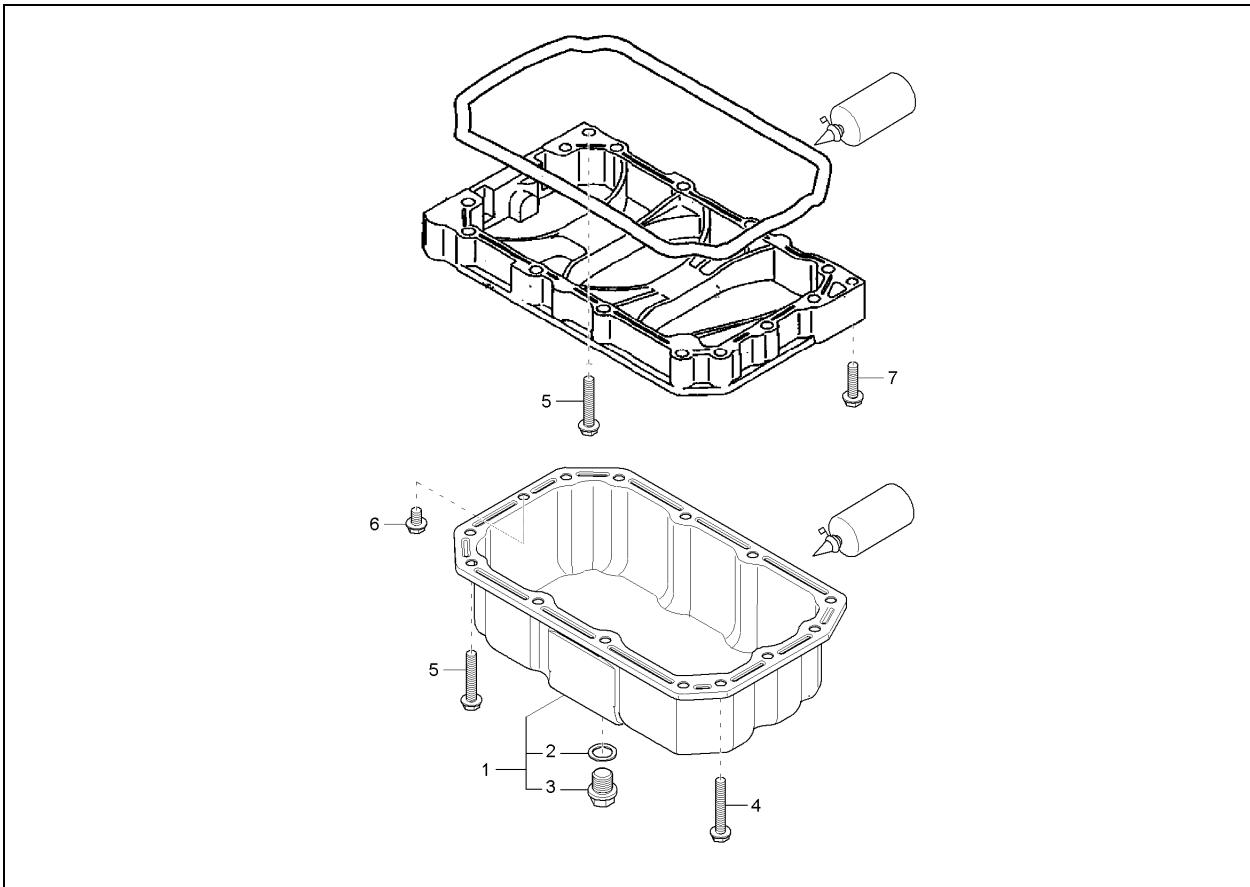


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178399	COVER	1	18	206904	CYLINDER PIN	2
2	177242	O-RING	2	19	178407	NUT	4
3	178286	SEAL	1	20	178313	SEAL	AR
4	164662	FILLER CAP	1	21	178408	COVER	1
5	178400	TUBE	4	22	178364	SEAL	1
6	178502	COVER	1	23	178317	STUD BOLT	4
7	178503	SCREW	2	24	209970	NUT	4
8	164779	O-RING	1	25	178424	FLYWHEEL HOUSING	1
9	178401	SCREW	4	26	178504	SCREW	6
10	178402	SCREW	6	27	178398	SCREW	3
11	178397	SCREW	8	28	177249	RUBBER PLUG	1
12	177250	OIL FILLER PIPE	1	29	208161	FITTING PIN	2
13	178403	GEAR BOX	1	30	178288	HOUSING	1
14	178404	PLUG	1	31	178287	SEAL	1
15	178370	O-RING	2	32	178396	SCREW	10
16	178503	SCREW	7	33	178409	GRUB SCREW	2
17	178405	STUD BOLT	4				

**153 - SEAL, CRANKSHAFT  
1000131294 (SN AC00303 AND BEFORE)**



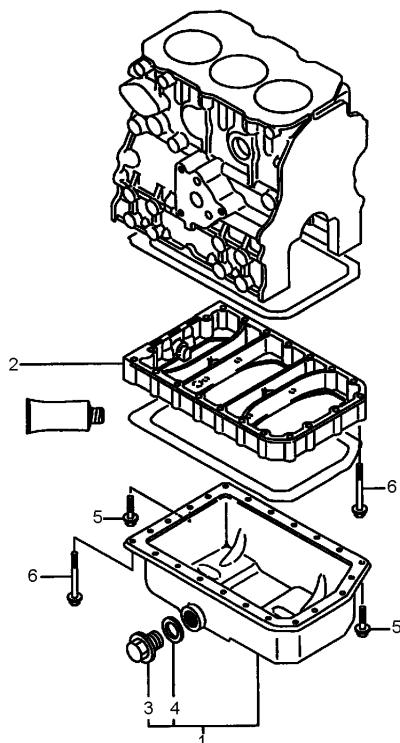
**153 - OIL PAN**  
**1000148836 (SN AE00001 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206248	OIL PAN		1	5	177402	SCREW		11
2	206249	SEAL RING		1	6	164315	SCREW M8 X 12 PLATED		1
3	206250	LOCK SCREW		1	7	206251	SCREW		1
4	206151	SCREW		3					

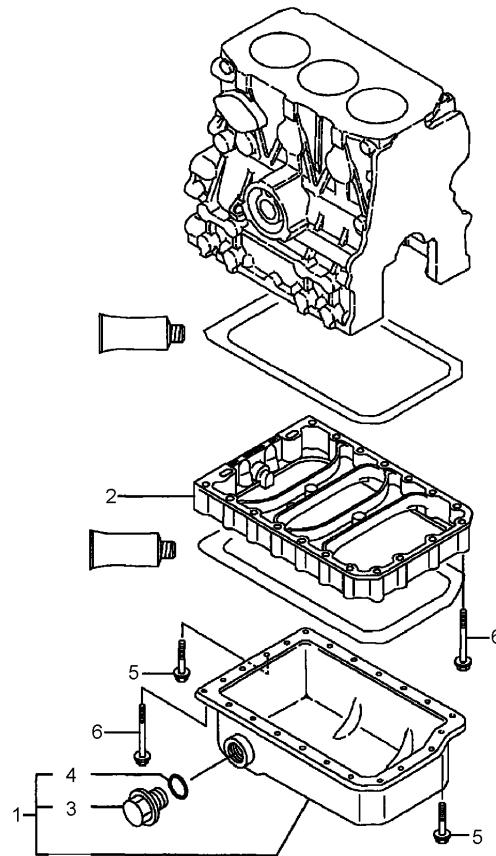
# 153 - OIL PAN

1000131280 (SN AC00304 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36145	SUMP ASSY/LUB OIL	1	4	164719	PLUG GASKET	1
2	178318	SPACER	1	5	178319	SCREW	3
3	425-36121	PLUG/DRAIN	1	6	178320	SCREW	20

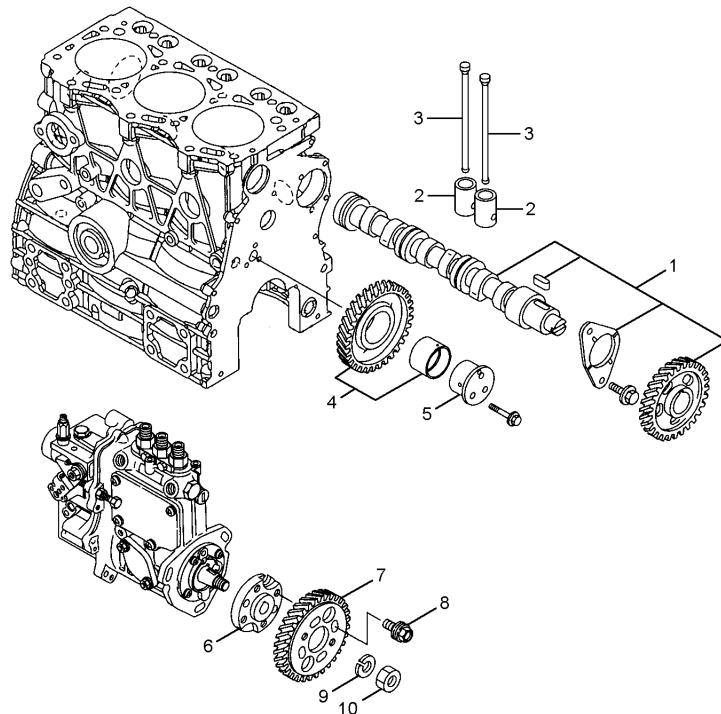
**153 - OIL PAN**  
**1000131279 (SN AC00303 AND BEFORE)**



Ref.	Ref.						
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	425-35675	SUMP ASSY/LUB. OIL	1	4	178197	O-RING	1
2	178198	SPACER	1	5	164381	SCREW	3
3	425-36166	PLUG M16	1	6	178320	SCREW	20

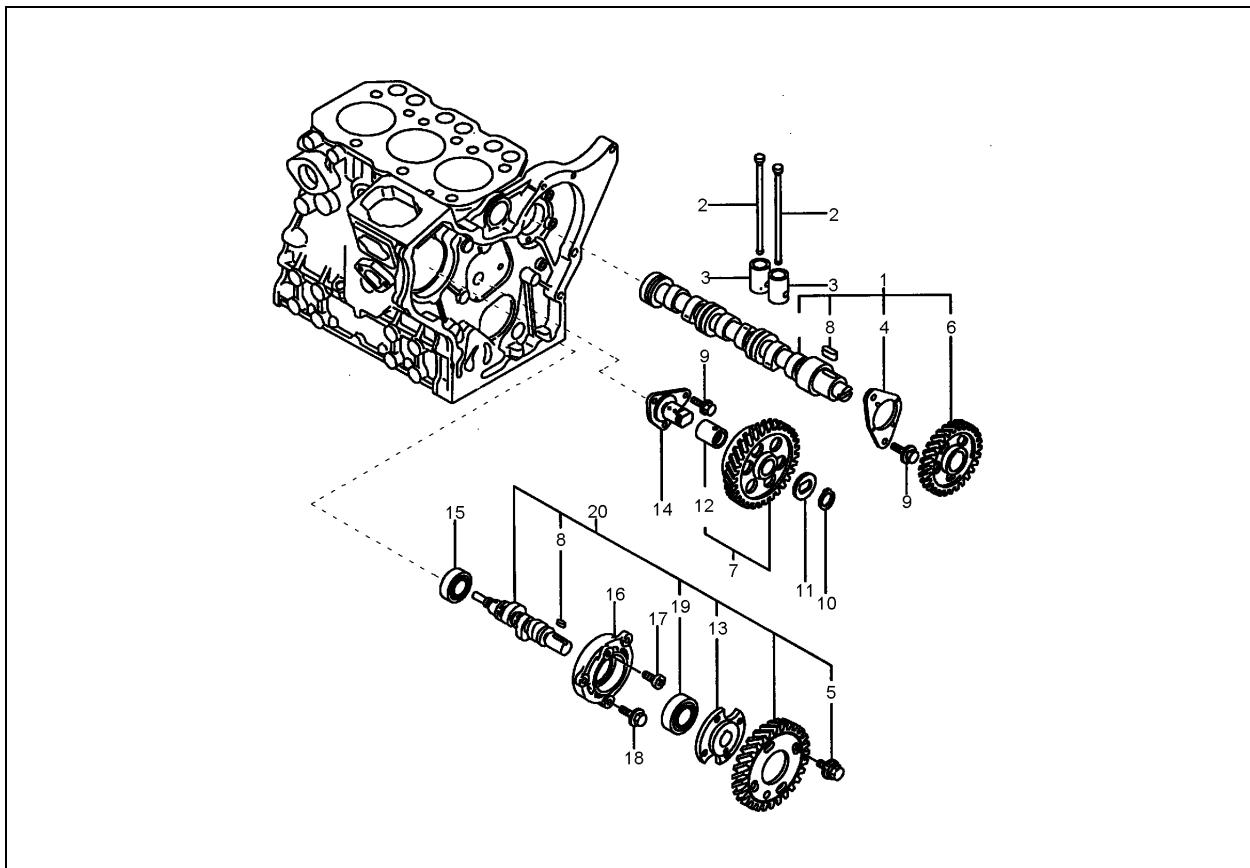
# 153 - CAMSHAFT

1000148837 (SN AE0001 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206252	CAMSHAFT	6	6	206256	FLANGE	1
2	178337	LIFTER	6	7	206257	GEAR	1
3	206253	PUSH ROD	6	8	207036	SCREW	4
4	206254	GEAR	1	9	206258	SPRING RING	1
5	206255	BRACKET	1	10	206259	HEXAGON NUT	1

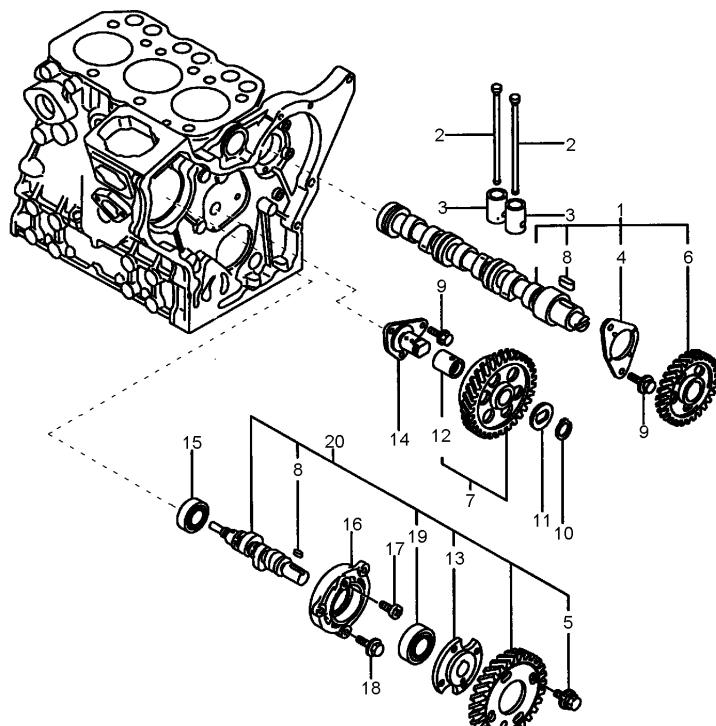
153 - CAMSHAFT  
1000131286 (SN AC00304 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178338	CAMSHAFT	1	11	178345	WASHER	1
2	178421	PUSH ROD	6	12	178346	BUSHING	1
3	178337	LIFTER	6	13	178352	FLANGE	1
4	178339	CAMSHAFT BEARING	1	14	178347	SHAFT	1
5	178340	SCREW	4	15	178348	BEARING	1
6	178341	TOOTHED GEAR	1	16	178349	BEARING	1
7	178342	TOOTHED GEAR	1	17	178350	SCREW	1
8	178343	PARALLEL KEY	2	18	178503	SCREW	3
9	178319	SCREW	5	19	203991	BEARING	1
10	178344	WASHER	1	20	178353	SHAFT COMPLETE	1

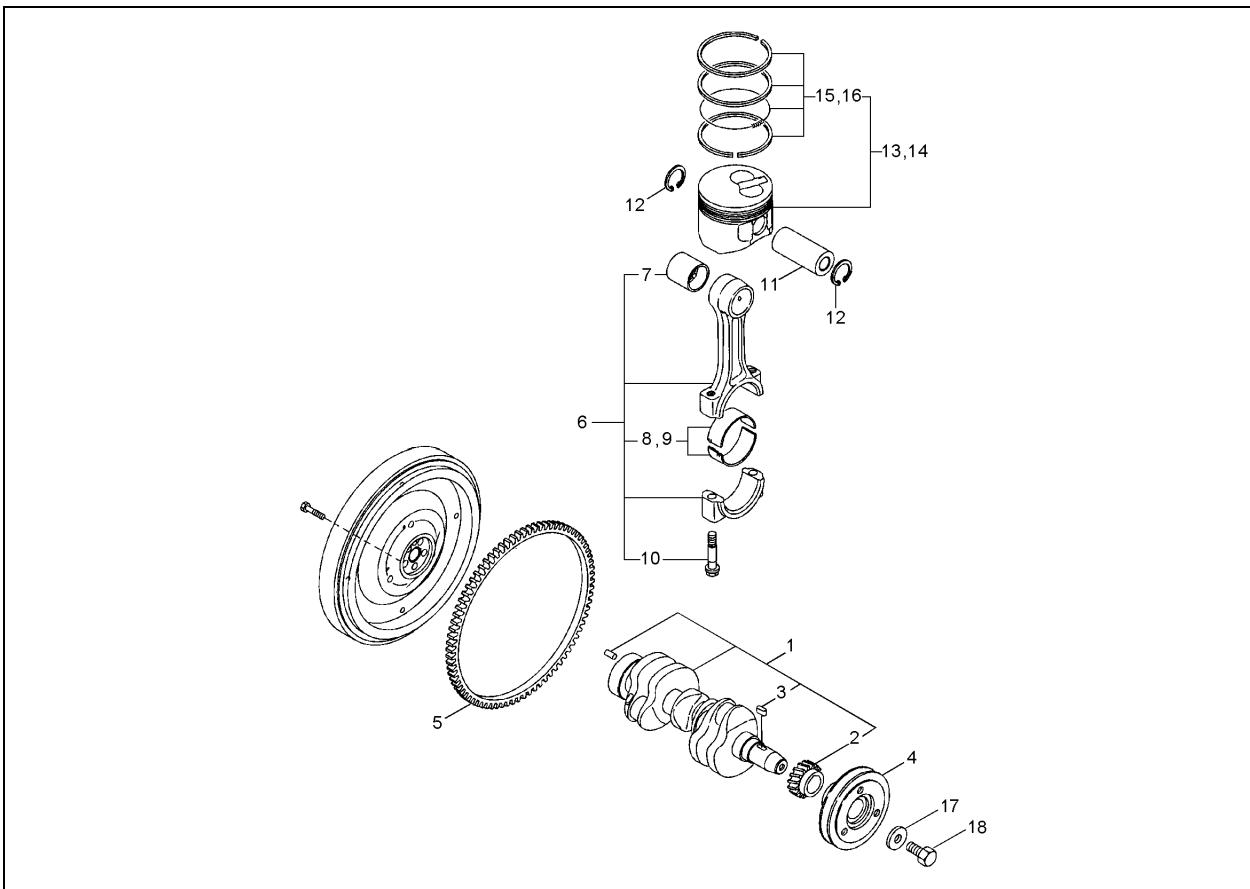
# 153 - CAMSHAFT

1000131285 (SN AC00303 AND BEFORE)



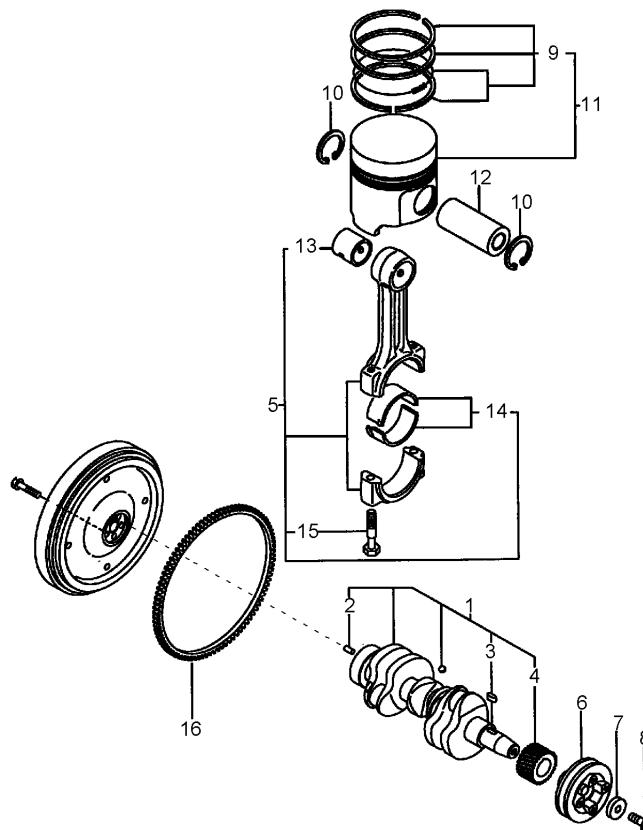
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178233	CAMSHAFT	1	11	178345	WASHER	1
2	178232	PUSH ROD	6	12	178346	BUSHING	1
3	178231	PLUNGER	6	13	178352	FLANGE	1
4	178339	CAMSHAFT BEARING	1	14	178347	SHAFT	1
5	178340	SCREW	4	15	178348	BEARING	1
6	178234	TOOTHED GEAR	1	16	178349	BEARING	1
7	178235	TOOTHED GEAR	1	17	178350	SCREW	1
8	178343	PARALLEL KEY	2	18	178503	SCREW	3
9	178319	SCREW	3	19	203991	BEARING	1
10	178344	WASHER	1	20	178236	SHAFT COMPLETE	1

**153 - CRANKSHAFT, PISTON**  
**1000148838 (SN AE00001 AND UP)**



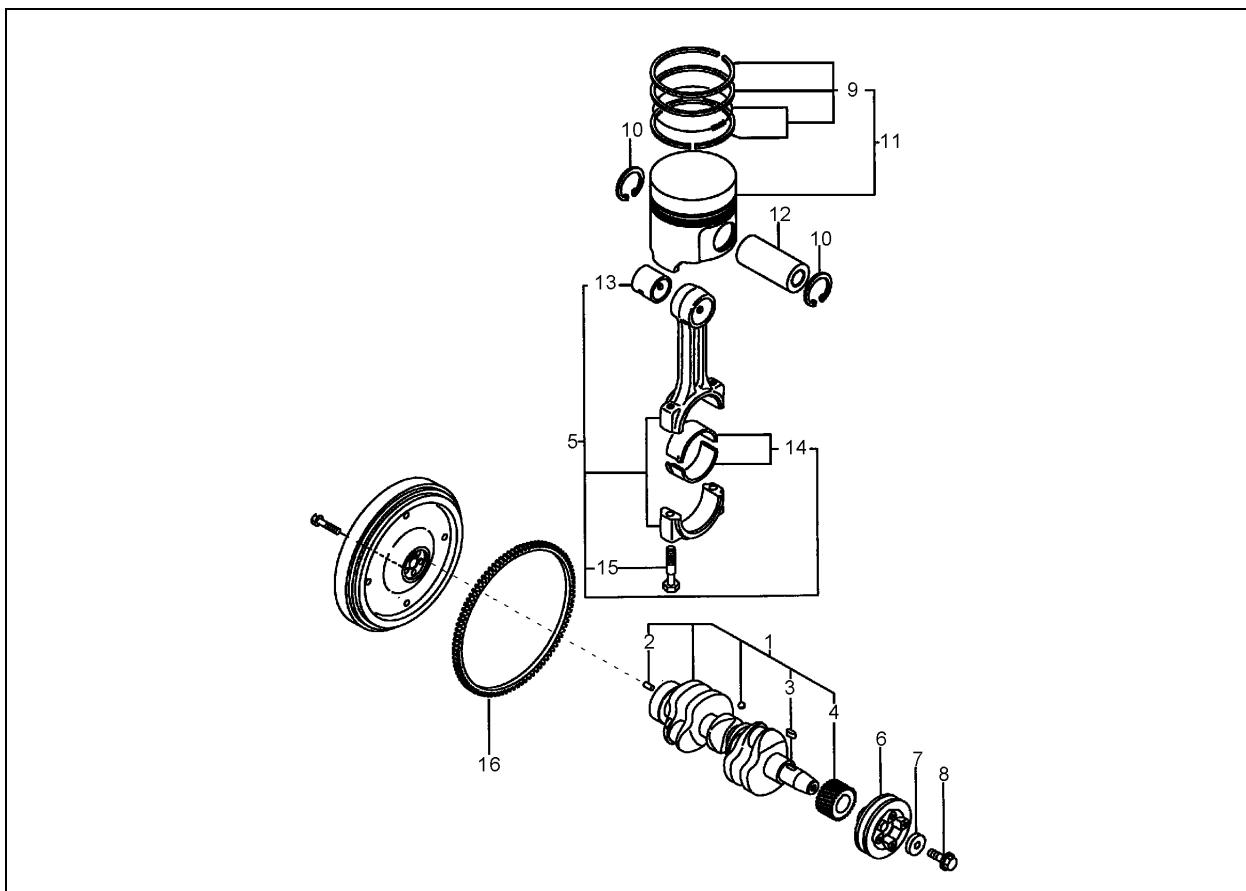
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	206260	CRANK SHAFT	1		11	206269	PIN	3
	2	206261	GEAR	1		12	206270	LOCK RING	6
	3	178343	PARALLEL KEY	1		13	206271	PISTON	3
	4	206262	BELT PULLEY	1		14	206272	PISTON (OS=0.25 MM)	3
	5	209482	RING GEAR	1		15	206273	SET/BACKUP RINGS	3
	6	206264	CONNECTING ROD	3		16	206274	SET/BACKUP RINGS (OS=0.25 MM)	3
	7	206265	BUSHING	3		17	178426	WASHER	1
	8	206266	BEARING	3		18	178425	SCREW	1
	9	206267	BEARING (US=0.25 MM)	3					
	10	206268	SCREW	6					

**153 - CRANKSHAFT, PISTON**  
**1000131293 (SN AC00304 - AD04191)**



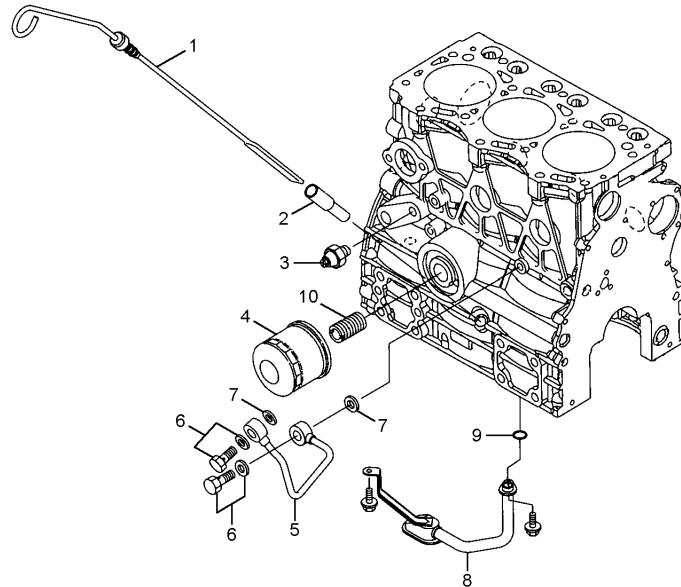
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178420	CRANKSHAFT	1	10	178415	WASHER	6
2	208161	FITTING PIN	1	11	178357	PISTON	3
3	178343	PARALLEL KEY	1	203998		PISTON (OS=0.25 MM)	3
4	178356	GEAR	1	12	178358	PIN	3
5	178414	CONNECTING ROD	3	13	178311	BUSHING	3
6	178280	BELT DISC	1	14	178482	BEARING	3
7	178426	WASHER	1	203979		BEARING (US=0.25 MM)	3
8	178425	SCREW	1	15	178308	SCREW	6
9	178422	SET OF BACKUP RINGS	3	16	209482	RING GEAR	1
	204036	SET OF BACKUP RINGS (OS=0.25 MM)	3				

**153 - CRANKSHAFT, PISTON**  
**1000161660 (SN AC00303 AND BEFORE)**



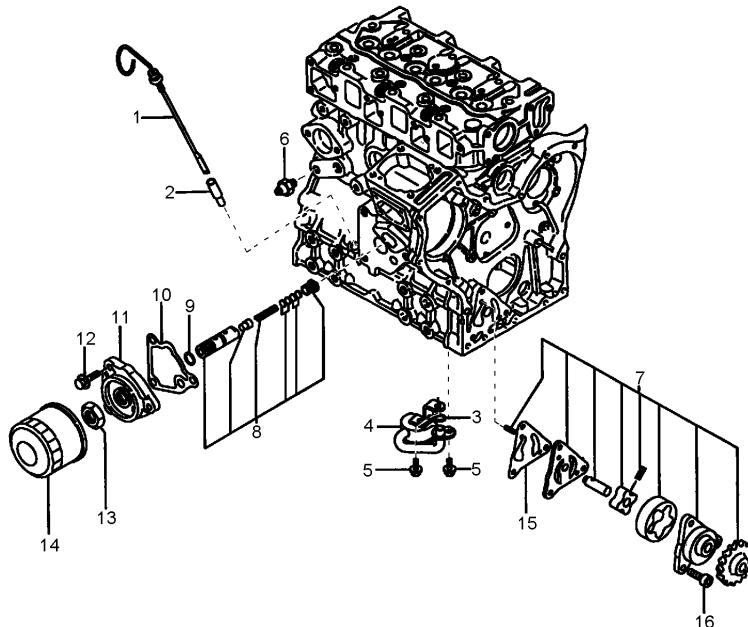
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178237	CRANKSHAFT	1	11	178239	PISTON	3
2	208161	FITTING PIN	1	12	204045	PISTON (OS=0.25 MM)	3
3	178343	PARALLEL KEY	1	13	178241	PIN	3
4	178238	TOOTHED GEAR	1	14	178244	BUSHING	3
5	178243	CONNECTING ROD	3	15	178246	BEARING	3
6	203985	BELT PULLEY	1	204035	CONN ROD BEARING (US=0.25MM)	3	
7	178426	WASHER	1	16	178245	SCREW	6
8	178425	SCREW	1		209482	RING GEAR	1
9	178240	SET OF BACKUP RINGS	3				
	204044	SET OF BACKUP RINGS (OS=0.25 MM)	3				
10	178242	LOCKING RING	6				

**153 - LUBRICATION**  
**1000148839 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206331	DIPSTICK	1	6	177100	BANJO BOLT	2
2	177234	DIPSTICK TUBE	1	7	177462	SEAL RING	2
3	425-36085	SENDER/OIL PRESSURE	1	8	206333	PIPE LINE	1
4	178677	ENGINE OIL FILTER	1	9	206334	O-RING	1
5	206332	PIPE LINE	1	10	206395	SCREW JOINT	1

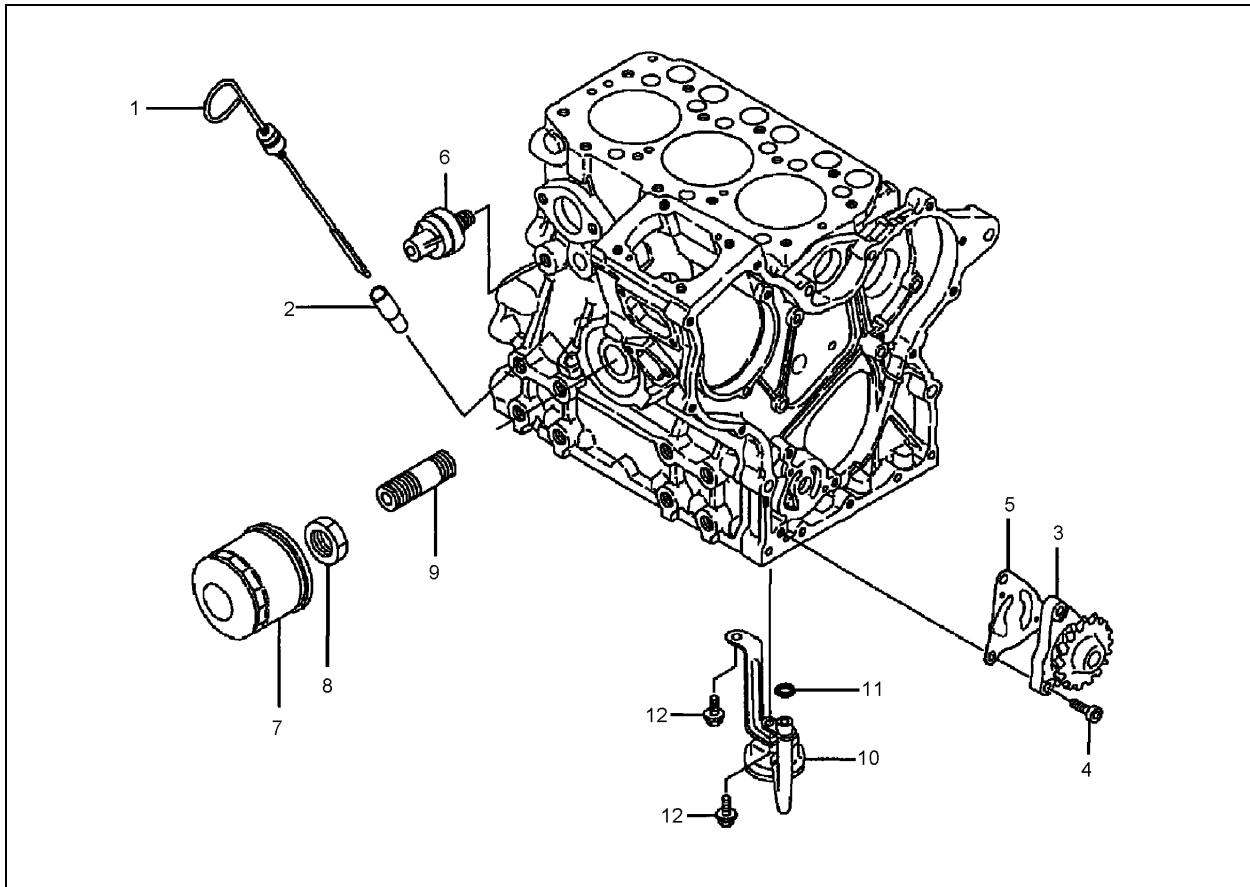
153 - LUBRICATION  
1000131299 (SN AC00304 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178279	DIPSTICK	1	9	177659	O-RING	1
2	177234	DIPSTICK TUBE	1	10	178413	SEAL	1
3	178365	O-RING	1	11	178295	HOUSING	1
4	178366	TUBE	1	12	177256	SCREW	3
5	164381	SCREW	2	13	178487	NUT	1
6	425-36085	SENDER/OIL PRESSURE	1	14	178677	ENGINE OIL FILTER	1
7	178300	OIL PUMP	1	15	178299	SEAL	1
8	178315	PRESSURE LIMITING VALVE	1	16	178367	SCREW	3

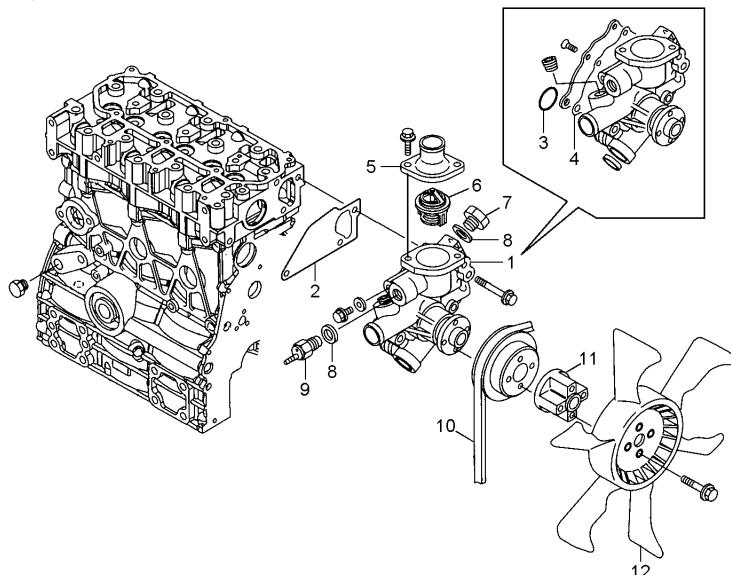
## 153 - LUBRICATION

1000131298 (SN AC00303 AND BEFORE)



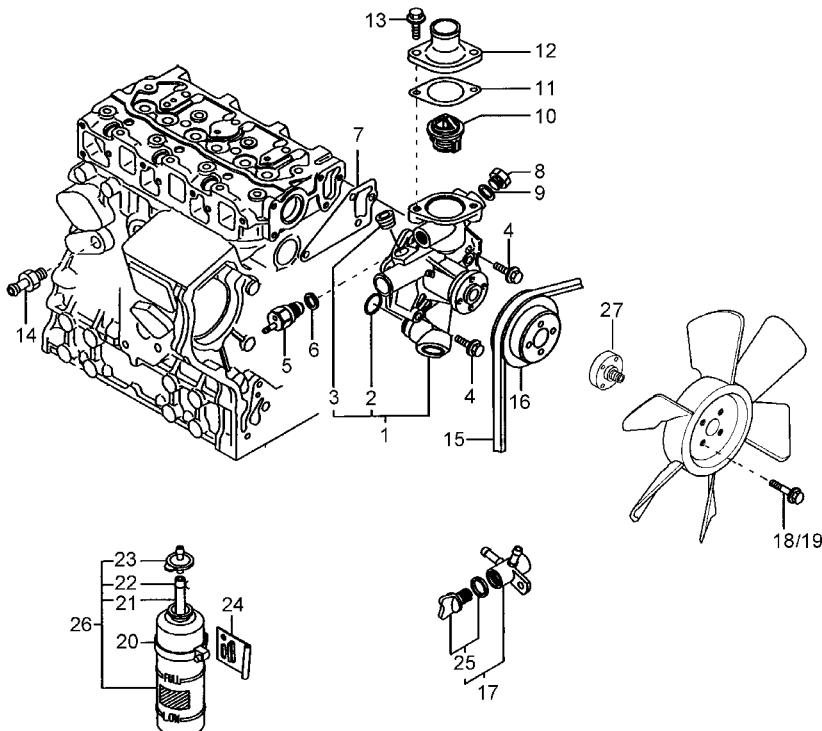
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178269	DIPSTICK	1	8	178487	NUT	1
2	177234	DIPSTICK TUBE	1	9	178213	PRESSURE LIMITING VALVE	1
3	178212	OIL PUMP	1	10	178176	OIL STRAINER	1
4	178367	SCREW	3	11	178365	O-RING	1
5	178299	SEAL	1	12	178319	SCREW	2
6	425-36085	SENDER/OIL PRESSURE	1				
7	178677	ENGINE OIL FILTER	1				

**153 - COOLING SYSTEM**  
**1000148840 (SN AE00001 AND UP)**



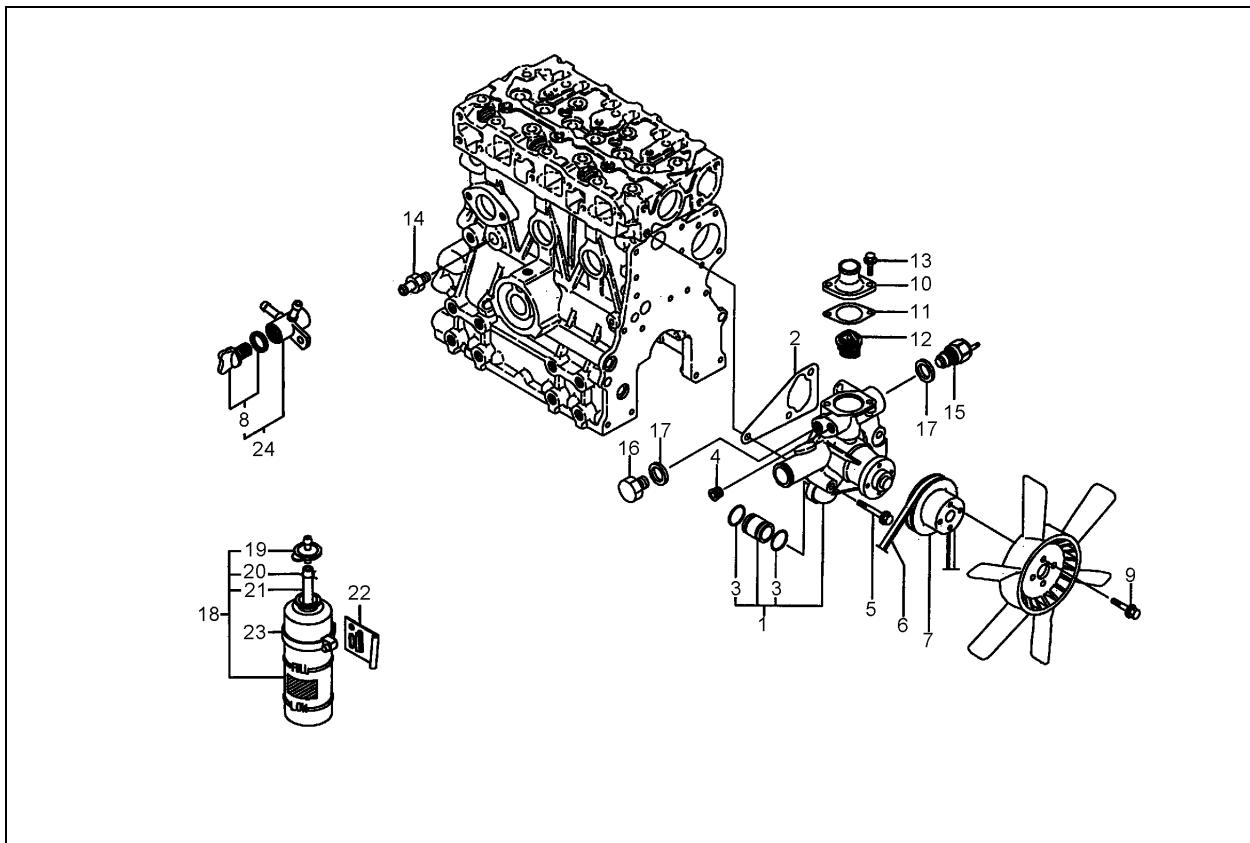
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206311	WATER PUMP	1	8	160427	SEAL	2
2	206312	WATER PUMP GASKET	1	9	425-34683	SENSOR/THERMOSTAT 110° C	1
3	206313	O-RING	1	10	206205	FAN BELT	1
4	206314	GASKET	1	11	177265	FAN SPACER	1
5	177254	THERMOSTAT HOUSING	1	12	206204	VENTILATION FAN	1
6	206315	THERMOSTAT	1				
7	164441	PLUG	1				

**153 - COOLING SYSTEM**  
**1000131301 (SN AC00304 - AD04191)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-35264	WATER PUMP ASSEMBLY	1	16	178291	BELT DISC	1
2	178359	O-RING	1	17	178361	DRAIN COCK COMPLETE	1
3	164436	PLUG	1	18	203990	SCREW (SN AC00690 AND BEFORE)	4
4	177402	SCREW	4	19	162025	SCREW (SN AC00691 AND UP)	1
5	425-34683	SENSOR/THERMOSTAT 110° C	1	20	161856	COLLAR	1
6	160427	SEAL	1	21	178507	TUBE	1
7	425-35265	GASKET/WATER PUMP	1	22	178508	COLLAR	1
8	164441	PLUG	1	23	178506	PLUG	1
9	160427	SEAL	1	24	425-36152	BRACKET/SUB-TANK	1
10	425-35269	THERMOSTAT	1	25	178360	DRAIN COCK	1
11	425-36142	GASKET	1	26	190845	BOTTLE-OVERFLOW (COOLANT)	
12	177254	THERMOSTAT HOUSING	1	27	1425428G	FAN SPACER (SN AC00691 AND UP)	
13	177256	SCREW	2				
14	178417	CONNECTION	1				
15	425-36141	BELT/FAN	1				

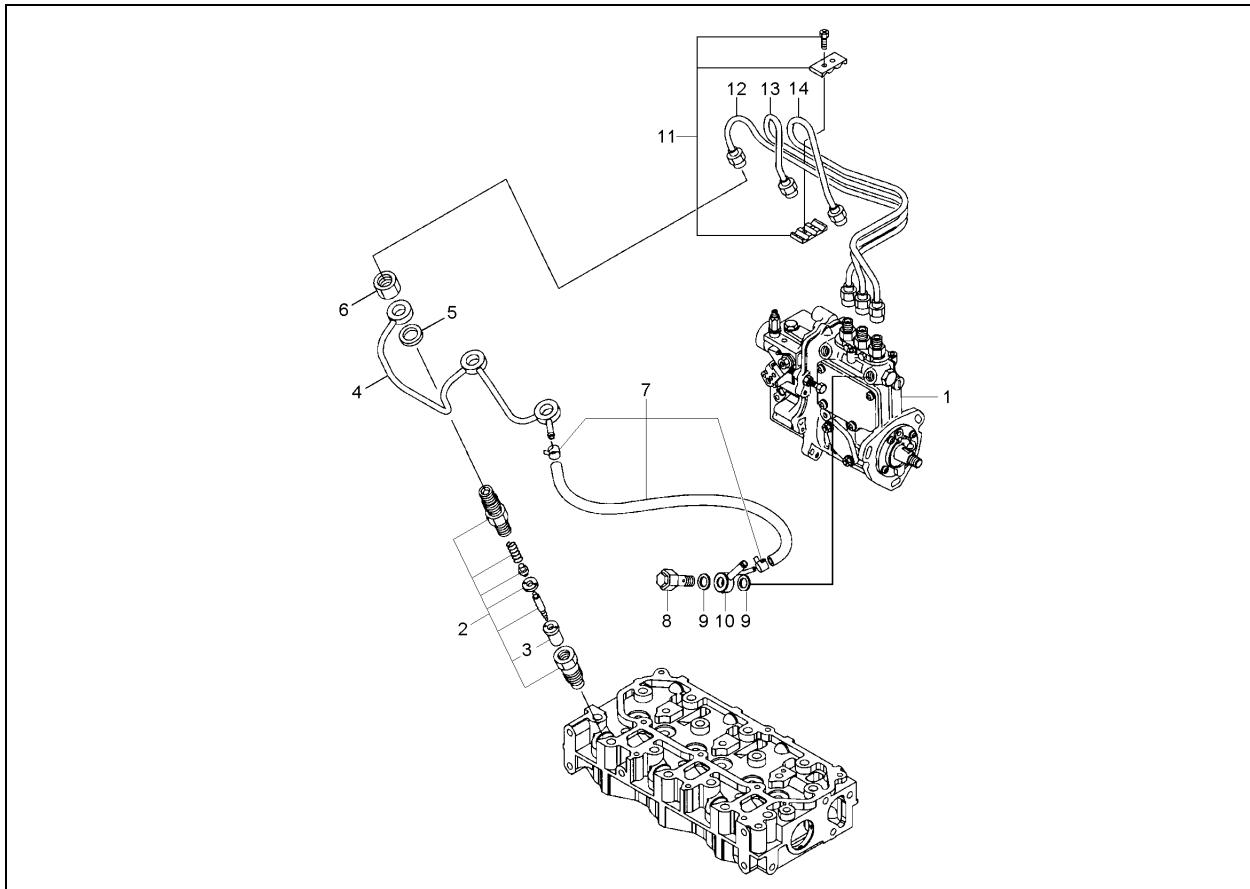
**153 - COOLING SYSTEM**  
**1000131300 (SN AC00303 AND BEFORE)**



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	178222	WATER PUMP	1	13	177256	SCREW	2
2	178224	SEAL	1	14	178417	CONNECTION	1
3	178223	O-RING	2	15	425-34683	SENSOR/THERMOSTAT 110° C	1
4	209848	PLUG	1	16	164441	PLUG	1
5	177402	SCREW	3	17	160427	SEAL	2
6	425-36163	BELT/FAN	1	18	190845	BOTTLE-OVERFLOW (COOLANT)	1
7	178225	BELT	1	19	178506	PLUG	1
8	178360	DRAIN COCK	1	20	178508	COLLAR	1
9	203990	SCREW	4	21	178507	TUBE	1
10	177254	THERMOSTAT HOUSING	1	22	425-36152	BRACKET/SUB-TANK	1
11	425-36142	GASKET	1	23	161856	COLLAR	1
12	425-35269	THERMOSTAT	1	24	178361	DRAIN COCK COMPLETE	1

# 153 - FUEL INJECTION SYSTEM

1000148841 (SN AE00001 AND UP)



Ref.

No. Part No.

Description

Qty.

1	206275	INJECTION PUMP	1
2	206276	INJECTION NOZZLE	3
3	206277	NOZZLE	3
4	206278	TUBE	1
5	206279	SEAL RING	3
6	206280	HEX NUT	3
7	206281	TUBE	1

Ref.

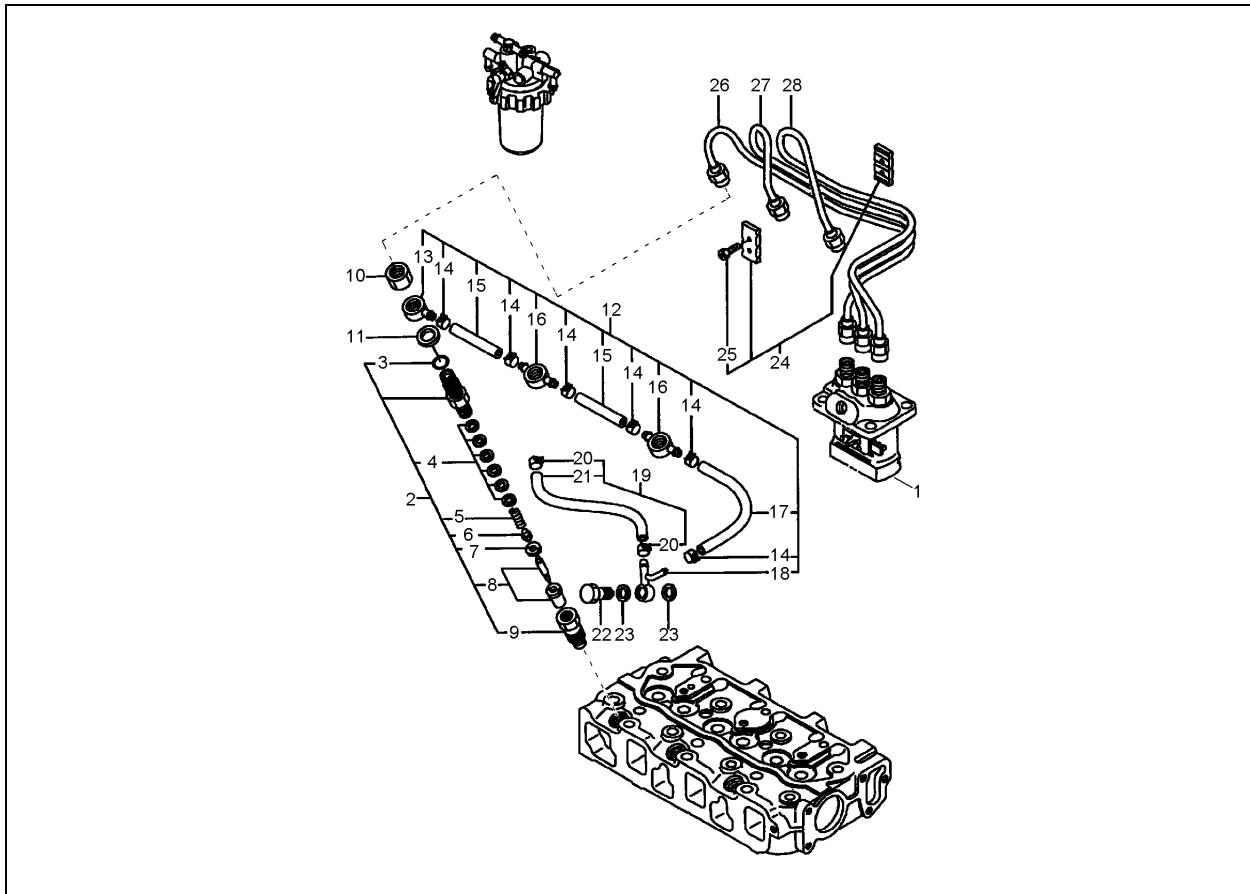
No. Part No.

Description

Qty.

8	204818	NON-RETURN VALVE	1
9	164393	SEAL	2
10	206283	INJECTION COUPLING	1
11	177344	CLAMP	1
12	206284	INJECTION LINE	1
13	206285	INJECTION LINE	1
14	206286	INJECTION LINE	1

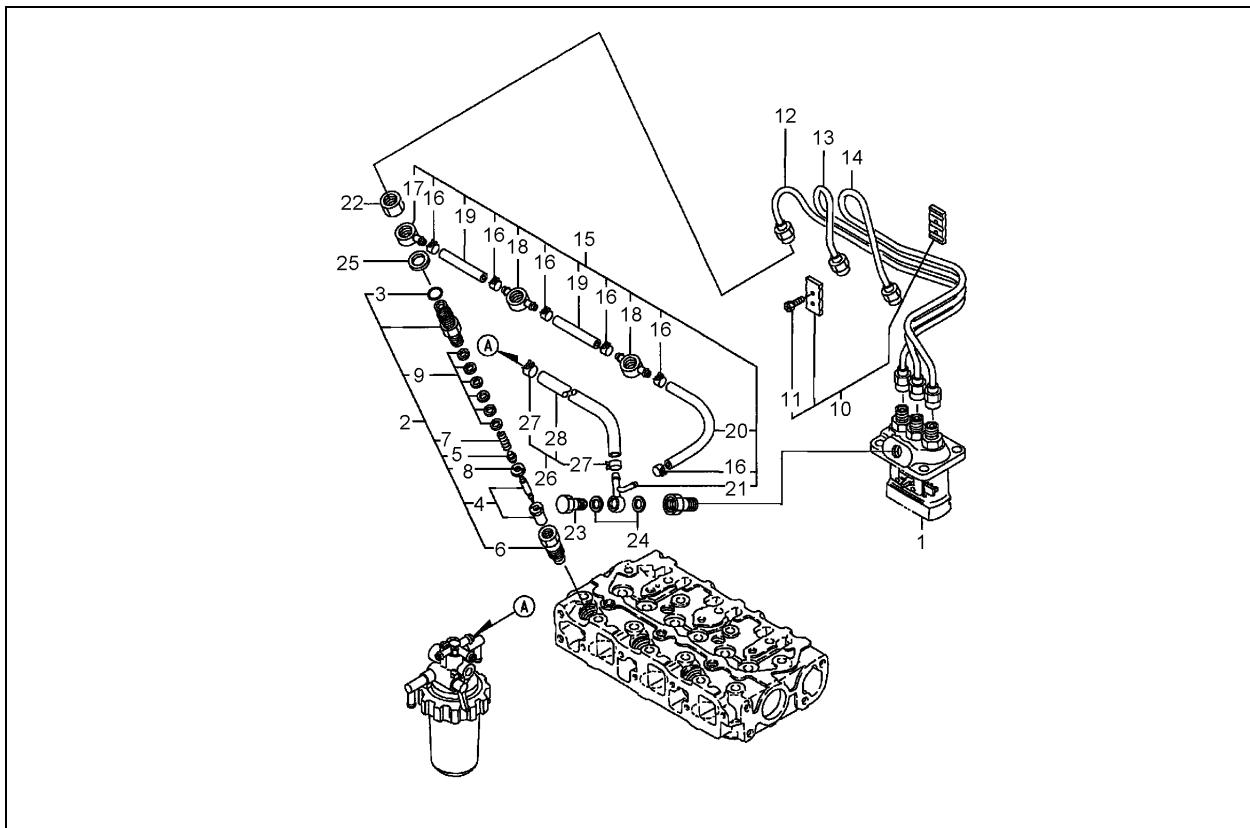
**153 - FUEL INJECTION SYSTEM**  
**1000131303 (SN AC00304 - AD04191)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178687	INJECTION PUMP	1	15	178391	PIPE	2
		See page 49 for individual components		16	178293	INJECTION COUPLING	2
2	178688	INJECTION NOZZLE	3	17	178392	PIPE	1
3	178314	O-RING	3	18	178393	INJECTION COUPLING	1
4	164663	ADJUSTING WASHER	AR	19	178394	PIPE COMPLETE	1
5	178362	SPRING	3	20	164406	CLAMP 12	2
6	164371	SEAT- NOZZLE SPRING	3	21	178395	PIPE	1
7	178363	WASHER	3	22	178411	SCREW	1
8	178289	INJECTION VALVE	3	23	177462	SEAL RING	2
9	178389	SCREW JOINT	3	24	177344	CLAMP	1
10	178530	RETAINER	1	25	178495	SCREW	2
11	164716	SEAL	3	26	178296	HP TUBE	1
12	178390	PIPE	1	27	178297	HP TUBE	1
13	178302	INJECTION COUPLING	1	28	178298	HP TUBE	1
14	164414	CLAMP 8	6				

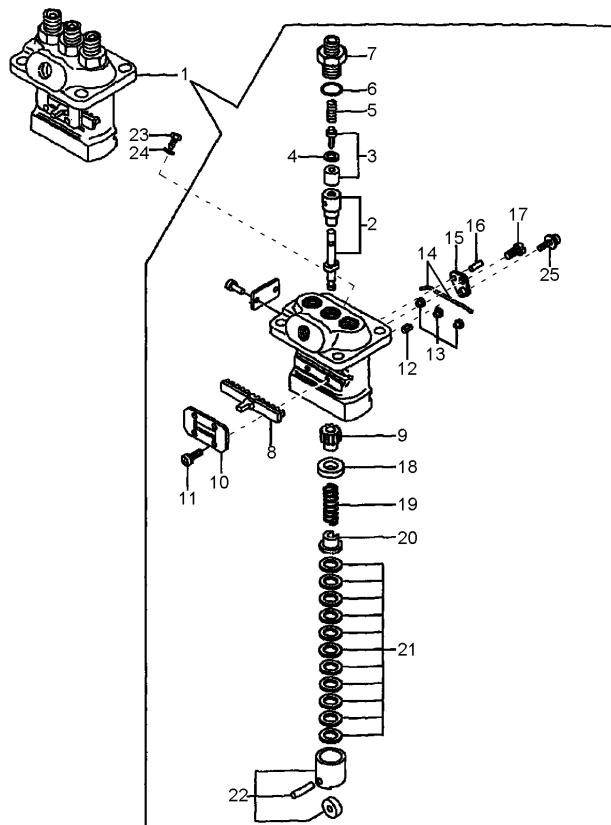
# 153 - FUEL INJECTION SYSTEM

## 1000131302 (SN AC00303 AND BEFORE)



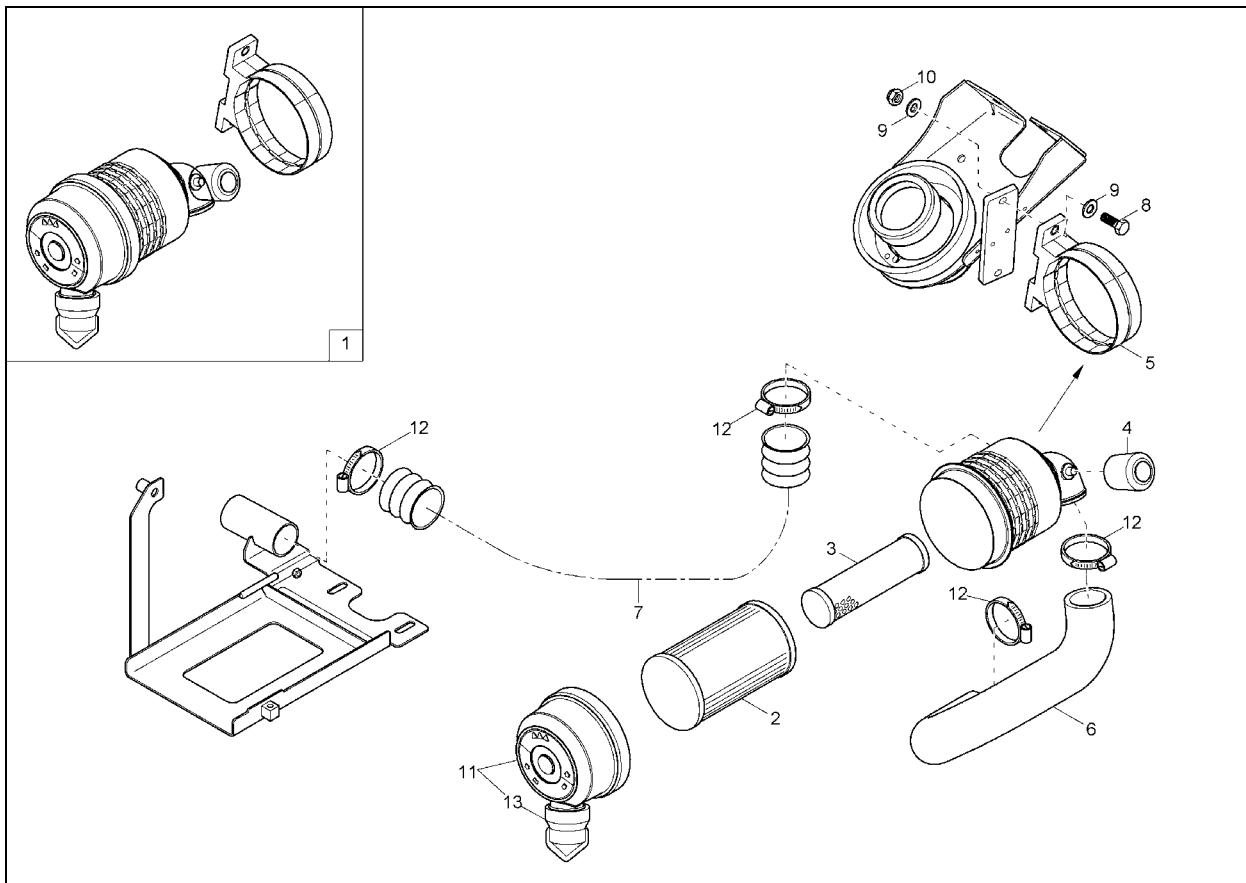
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178214	INJECTION PUMP	1	16	164414	CLAMP 8	6
		See page 49 for individual components		17	178302	INJECTION COUPLING	1
2	425-36146	FUEL INJECTION VALVE ASSY	3	18	178293	INJECTION COUPLING	2
3	178314	O-RING	3	19	178391	PIPE	2
4	178289	INJECTION VALVE	3	20	178392	PIPE	1
5	164371	SEAT- NOZZLE SPRING	3	21	178393	INJECTION COUPLING	1
6	178389	SCREW JOINT	3	22	178530	RETAINER	3
7	178362	SPRING	3	23	178411	SCREW	1
8	178363	WASHER	3	24	177462	SEAL RING	2
9	164663	ADJUSTING WASHER	AR	25	164716	SEAL	3
10	177344	CLAMP	3	26	178229	PIPE COMPLETE	1
11	178495	SCREW	2	27	164406	CLAMP 12	2
12	178226	HP TUBE	1	28	178230	PIPE	1
13	178227	HP TUBE	1				
14	178228	HP TUBE	1				
15	178390	PIPE	1				

**153 - FUEL INJECTION PUMP**  
**1000131459/1000131458 (SN AD04191 AND BEFORE)**



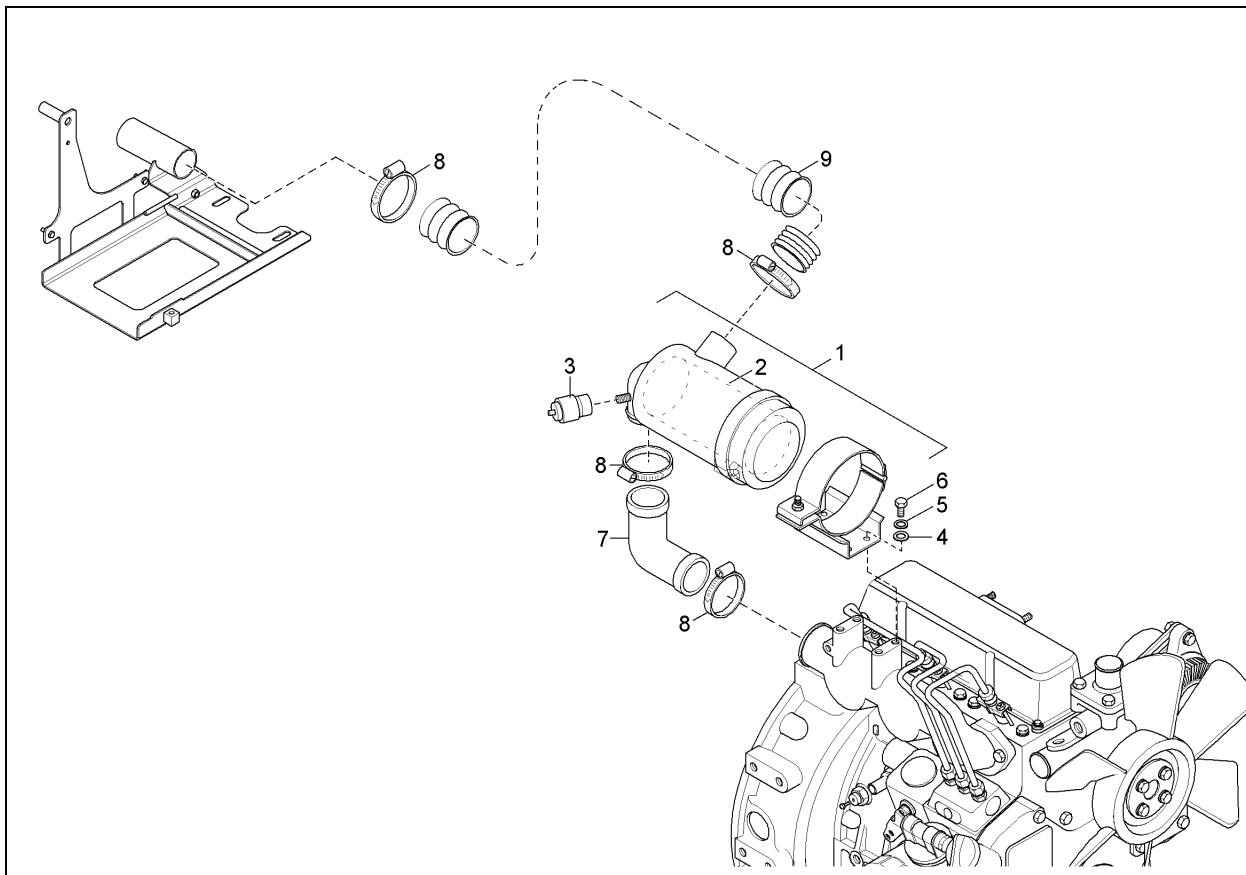
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178687	INJECTION PUMP (SN AC00304 - AD04191)	1	12	178377	PIN	1
	178214	INJECTION PUMP (SN AC00303 AND BEFORE)	1	13	178378	GUIDE	3
2	178277	HYDRAULIC PUMP ELEMENT (SN AC00304 - AD04191)	3	14	178685	SPRING ASSEMBLY	1
	178215	HYDRAULIC PUMP ELEMENT (SN AC00303 AND BEFORE)	1	15	178380	PLATE	2
3	178303	NON RETURN VALVE	3	16	178381	PIN	2
4	178419	CONICAL NIPPLE	3	17	178382	SCREW	2
5	178371	SPRING	3	18	178383	WASHER	3
6	178418	O-RING	3	19	178384	SPRING ASSEMBLY	3
7	178372	BRACKET	3	20	178385	BRACKET	3
8	178373	RACK	1	21	178386	WASHER KIT	3
9	178374	PINION	3	22	178387	PLUNGER	3
10	178375	BRACKET	1	23	178388	SCREW	1
11	178376	SCREW	4	24	177462	SEAL RING	1
				25	178316	SCREW	2

**153 - AIR INTAKE SYSTEM**  
**1000148816 (SN AE00001 AND UP)**



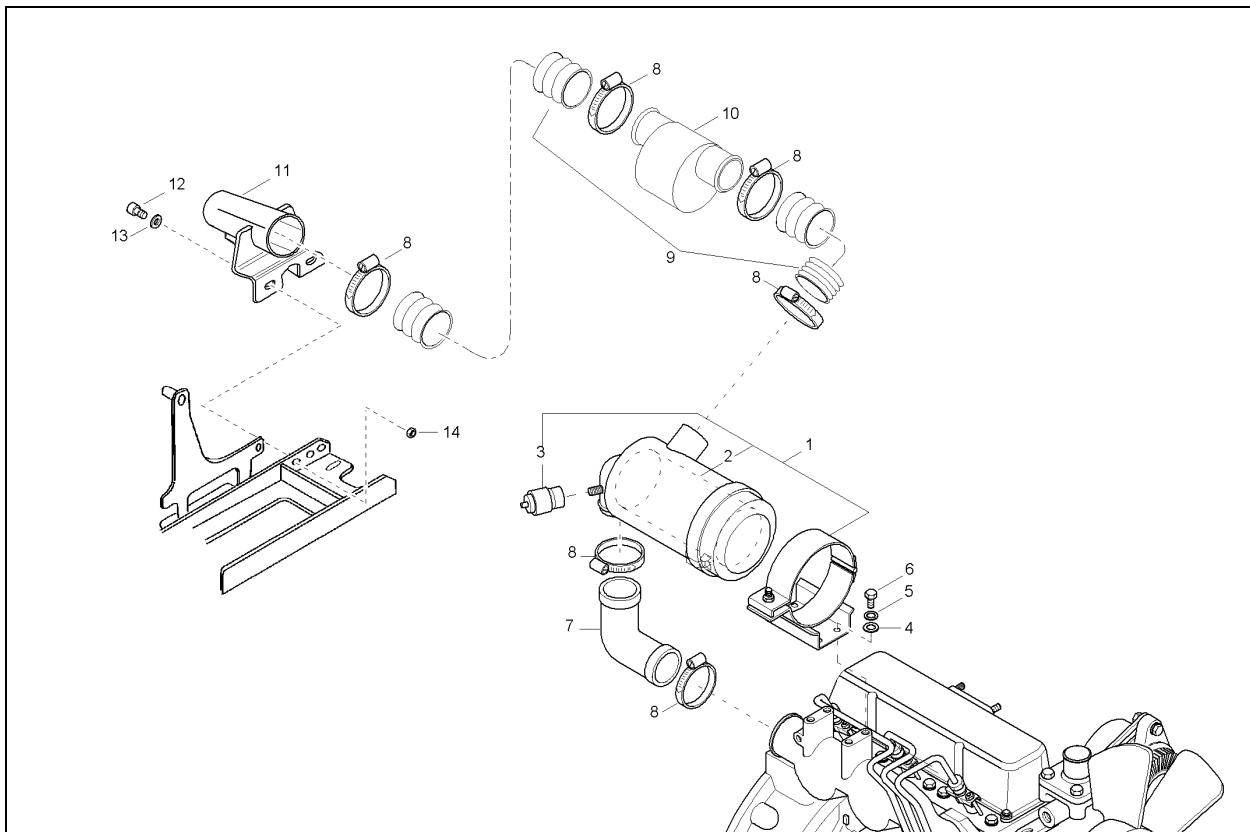
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206302	AIR FILTER ASSY. - COMPLETE	1	8	656002	CS M8-1.25X35 C8.8 ZY DIN931	2
2	206303	AIR FILTER/OUTER	1	9	206301	SPACER	4
3	206304	AIR FILTER/INNER	1	10	651458	LN INS M8-1.25 C8 ZY DIN6924	2
4	206305	DIRT INDICATOR	1	11	206309	FILTER COVER	1
5	206306	AIR FILTER BRACKET	1	12	206310	HOSE CLAMP	4
6	206307	AIR INTAKE HOSE	1	13	0009960751	DUST VALVE	1
7	207101	PROTECTING COVER SUPERFLEX (0.75M)	1				

**153 - AIR INTAKE SYSTEM**  
**1000131273 (SN AC00454 - AD04191)**



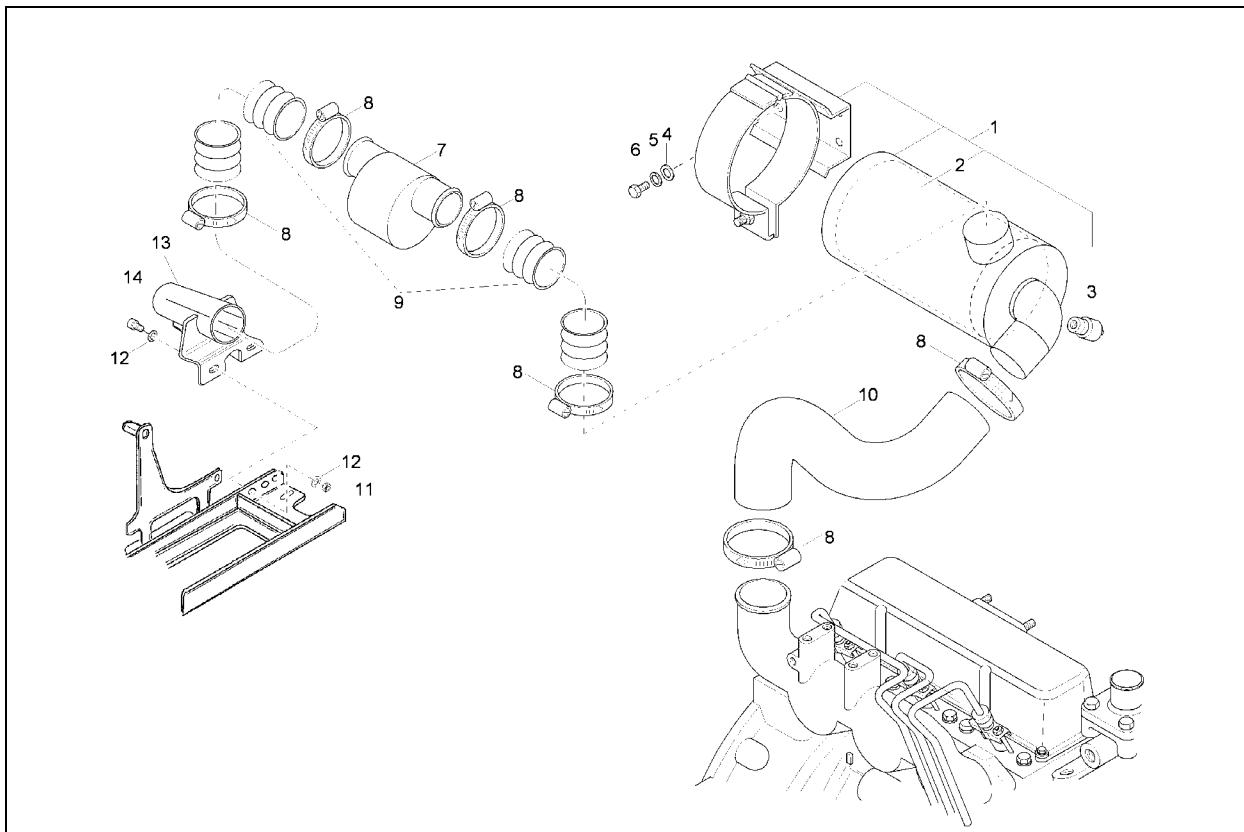
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	425-36153	AIR CLEANER ASSY	1	6	651430	CS M8-1.25X12 C8.8 ZY DIN931	4
2	425-36154	ELEMENT/AIR CLEANER	1	7	425-36158	SUCTION PIPE	1
3	425-36155	DIRT INDICATOR	1	8	162611	HOSE CLAMP	4
4	163634	WASHER	4	9	207103	PROTECTING COVER SUPERFLEX (1.0M)	1
5	163670	LOCKWASHER	4				

**153 - AIR INTAKE SYSTEM**  
**1000131789 (SN AC00304 - AD00453)**



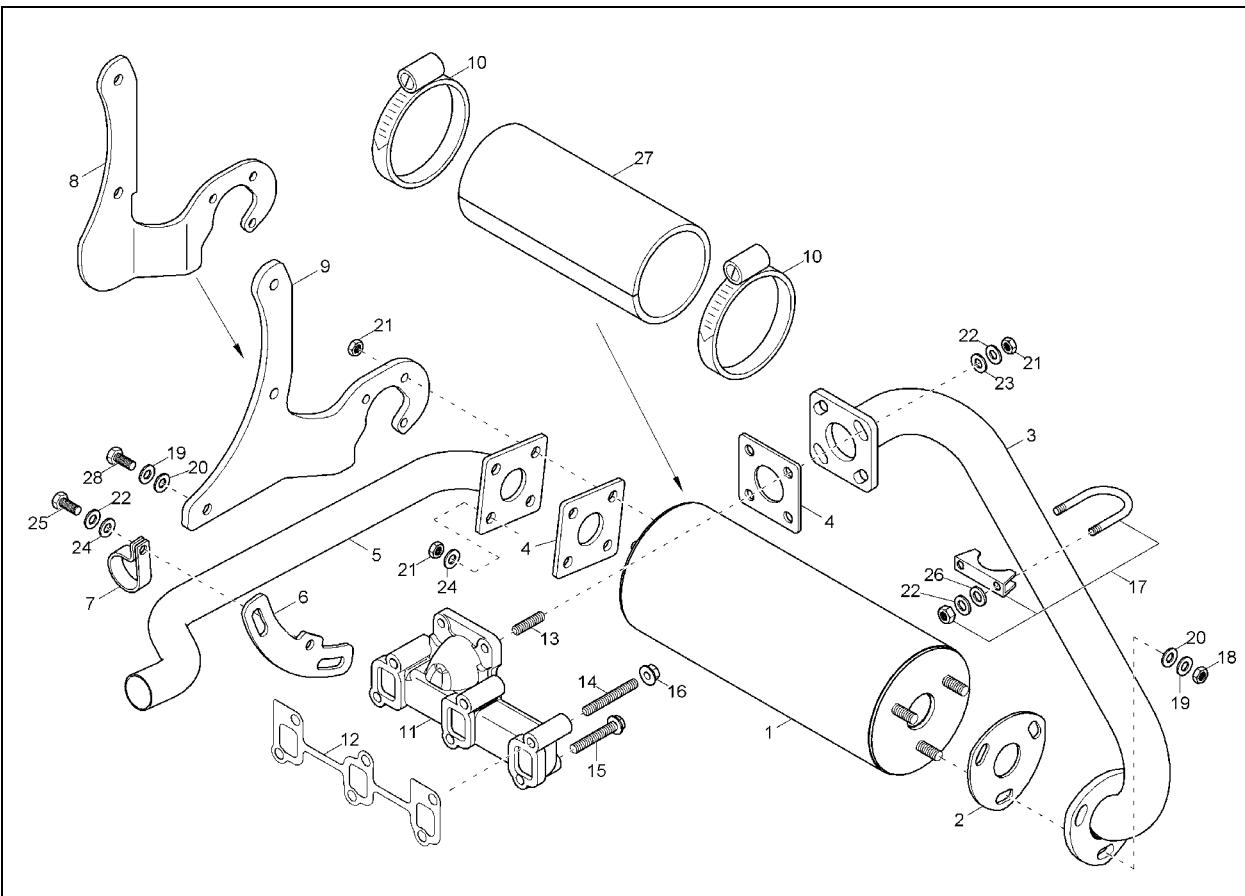
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	425-36153	AIR CLEANER ASSY	1	9	207103	PROTECTING COVER SUPERFLEX (1.0M)	1
2	425-36154	ELEMENT/AIR CLEANER	1	10	425-36101	MUFFLER/INLET	1
3	425-36155	DIRT INDICATOR	1	11	1425020G	AIR DUCT	1
4	163634	WASHER	4	12	177648	HEX SCREW	2
5	163670	LOCKWASHER	4	13	7462680011	WASHER 8.4 ST A2C	2
6	651430	CS M8-1.25X12 C8.8 ZY DIN931	4	14	651458	LN INS M8-1.25 C8 ZY DIN6924	2
7	425-36158	SUCTION PIPE	1				
8	162611	HOSE CLAMP	6				

**153 - AIR INTAKE SYSTEM**  
**1000190724 (SN AC00303 AND BEFORE)**



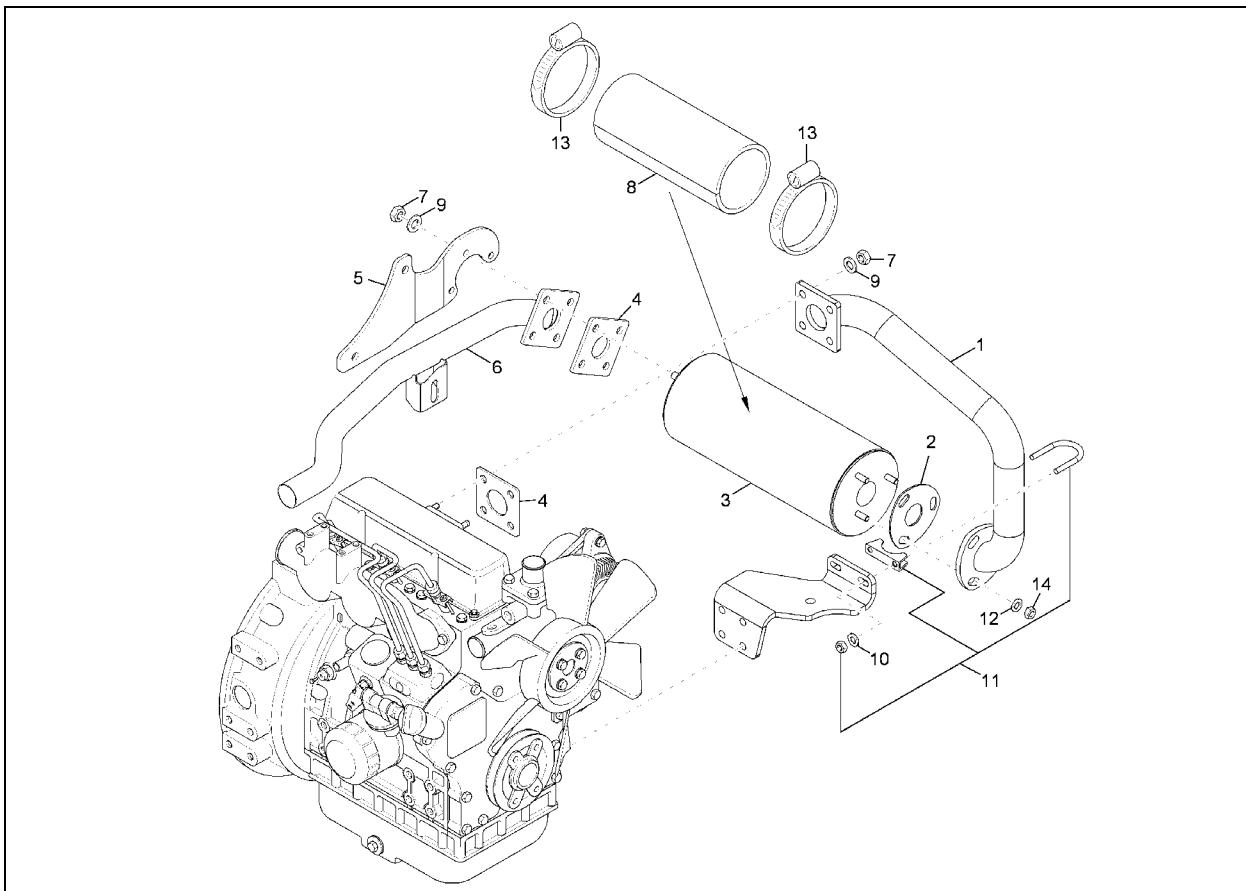
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	425-36153	AIR CLEANER ASSY		1	9	207103	PROTECTING COVER SUPERFLEX (1.0M)		1
2	425-36154	ELEMENT/AIR CLEANER		1	10	203981	INTAKE HOSE		1
3	425-36155	DIRT INDICATOR		1	11	651457	LN INS M6-1 C8 ZY DIN6924		2
4	7462680011	WASHER 8.4 ST A2C		4	12	7462680008	WASHER		4
5	163670	LOCKWASHER		4	13	1425020G	AIR DUCT		1
6	651430	CS M8-1.25X12 C8.8 ZY DIN931		4	14	656149	CS M6-1X16 C8.8 ZY DIN931		2
7	425-36101	MUFFLER/INLET		1					
8	162611	HOSE CLAMP		6					

**153 - EXHAUST SYSTEM**  
**1000148842 (SN AE00001 AND UP)**



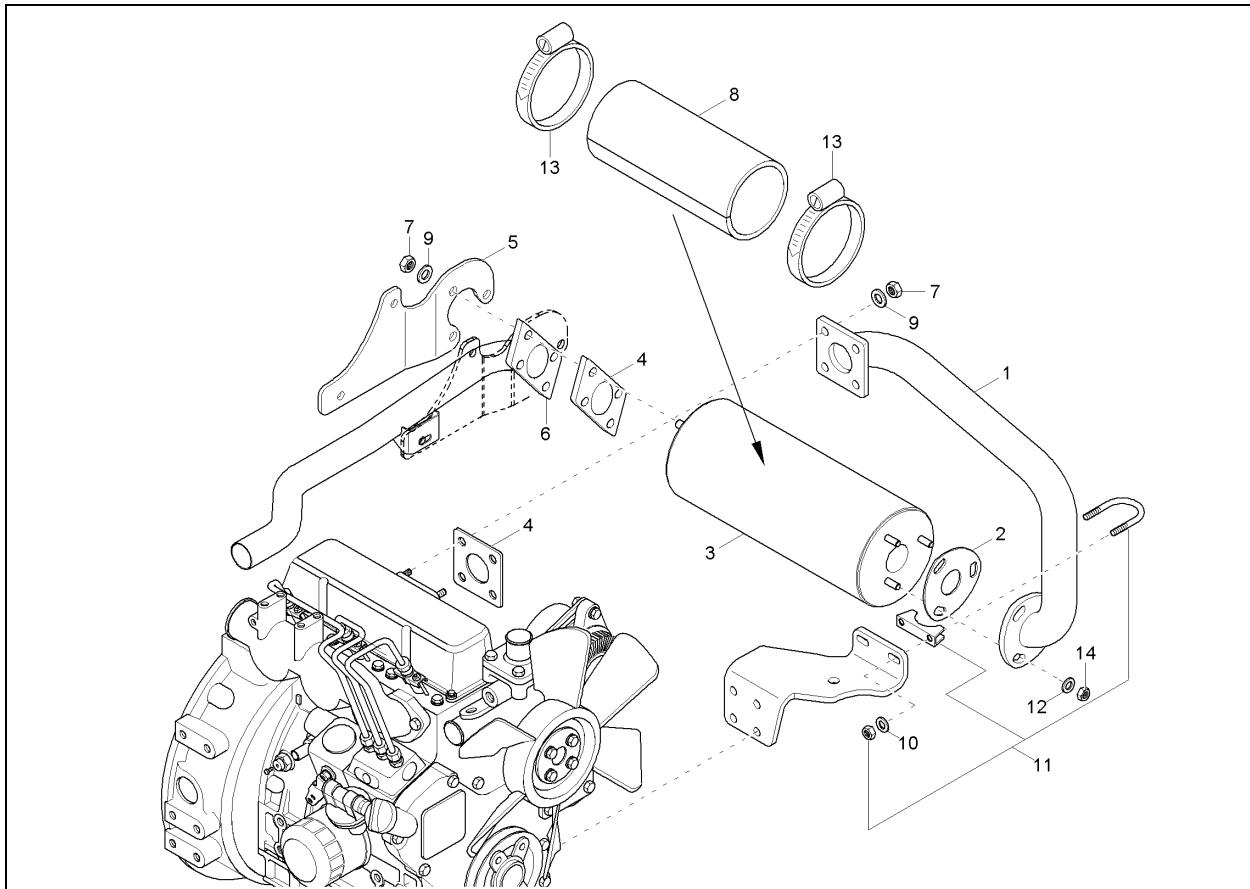
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206287	MUFFLER	1	15	206297	SCREW	4
2	1405428G	SEAL	1	16	177400	HEXAGON NUT	2
3	206288	EXHAUST PIPE	1	17	160848	CLAMP ASY	1
4	177311	GASKET	2	18	656102	HN M10-1.25 F8 ZY DIN934	3
5	206290	EXHAUST PIPE	1	19	161669	LOCKWASHER S10	6
6	206291	EXHAUST BRACKET	1	20	161640	WASHER/GR A 10.5	6
7	206292	CLAMP	1	21	656048	HN M8-1.25 C8 ZY DIN934	8
8	206293	EXHAUST BRACKET (SN AE00001 - AF02683)	1	22	163670	LOCKWASHER	7
9	204038	EXHAUST BRACKET (SN AF02684 AND UP)	1	23	161668	WASHER/GR A 8.4 ZO DIN134	4
10	9914140G	HOSE CLAMP	2	24	163634	WASHER	2
11	206294	EXHAUST MANIFOLD	1	25	177648	HEX SCREW	1
12	206295	GASKET	1	26	7462680011	WASHER 8.4 ST A2C	2
13	177401	STUD BOLT	4	27	1429015G	ISOLATION MAT	1
14	206296	STUD BOLT	2	28	651397	CS M10-1.5X35 C8.8 ZY	3

**153 - EXHAUST SYSTEM**  
**1000131942 (SN AC00304 - AD04191)**



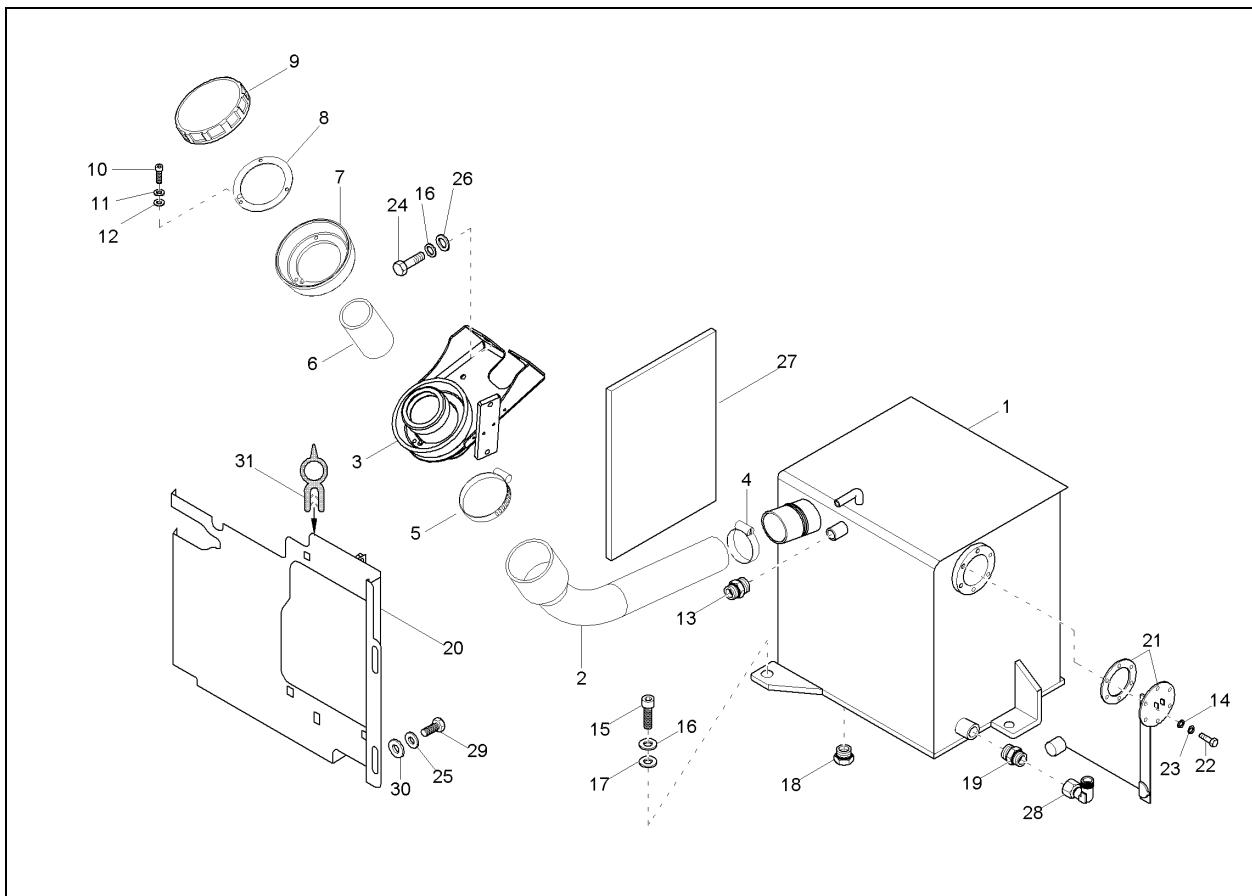
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1925104G	EXHAUST PIPE	1	8	1429015G	ISOLATION MAT	1
2	1405428G	SEAL	1	9	163634	WASHER	8
3	1405427G	MUFFLER	1	10	7462680011	WASHER 8.4 ST A2C	2
4	425-36251	GASKET	2	11	165822	CLAMP	1
5	1925105G	EXHAUST BRACKET	1	12	161640	WASHER/GR A 10.5	3
6	1925103G	EXHAUST PIPE	1	13	9914140G	HOSE CLAMP	2
7	656048	HN M8-1.25 C8 ZY DIN934	8	14	656102	HN M10-1.25 F8 ZY DIN934	3

**153 - EXHAUST SYSTEM**  
**1000131738 (SN AC00303 AND BEFORE)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178733	EXHAUST PIPE		1	8	1429015G	ISOLATION MAT		1
2	1405428G	SEAL		1	9	163634	WASHER		8
3	1405427G	MUFFLER		1	10	7462680011	WASHER 8.4 ST A2C		2
4	425-36251	GASKET		2	11	165822	CLAMP		1
5	178734	BRACKET		1	12	161640	WASHER/GR A 10.5		3
6	1925103G	EXHAUST PIPE		1	13	9914140G	HOSE CLAMP		2
7	656048	HN M8-1.25 C8 ZY DIN934		8	14	656102	HN M10-1.25 F8 ZY DIN934		3

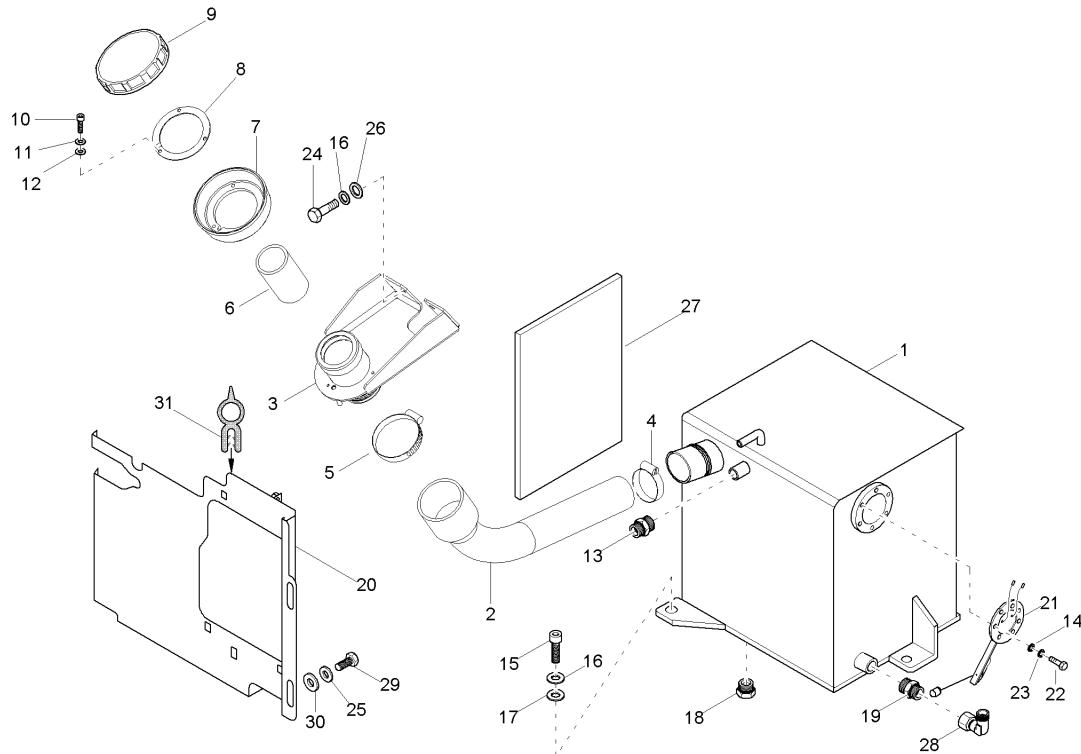
**153 - DIESEL TANK**  
**1000148941 (SN AE00001 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206329	FUEL TANK		1	17	163642	WASHER		3
2	1425100G	DIESEL HOSE		1	18	161415	PLUG		1
3	206330	FILLER NECK		1	19	161427	SCREW JOINT		1
4	162611	HOSE CLAMP		1	20	178695	COVER		1
5	164964	HOSE CLAMP		1	21	207037	SENDER		1
6	160436	STRAINER/FUEL TANK		1	22	651421	CS M4-0.7X16 C8.8 ZY DIN931		6
7	165072	RING		1	23	161673	LOCKWASHER S4		6
8	165073	BRACKET		1	24	651393	CS M10-1.5X25 C8.8 ZY		2
9	165110	FUEL CAP		1	25	163670	LOCKWASHER		2
10	651504	SHCS M5-0.8X16 C8.8 ZY DIN912		3	26	161640	WASHER/GR A 10.5		2
11	161674	LOCKWASHER S16		3	27	1429026G	ISOLATION MAT		1
12	161659	WASHER/GR A 5.3 ZO DIN125		3	28	161443	90° FITTING		1
13	161426	SCREW JOINT		1	29	177648	HEX SCREW		2
14	161658	WASHER/GR A 4.3 ZO DIN125		1	30	7462680011	WASHER 8.4 ST A2C		2
15	651475	SHCS M10-1.25X30 F8.8 ZY DIN912		3	31	207275	RUBBER EXTRUSION (0.7M)		1
16	161669	LOCKWASHER S10		5					

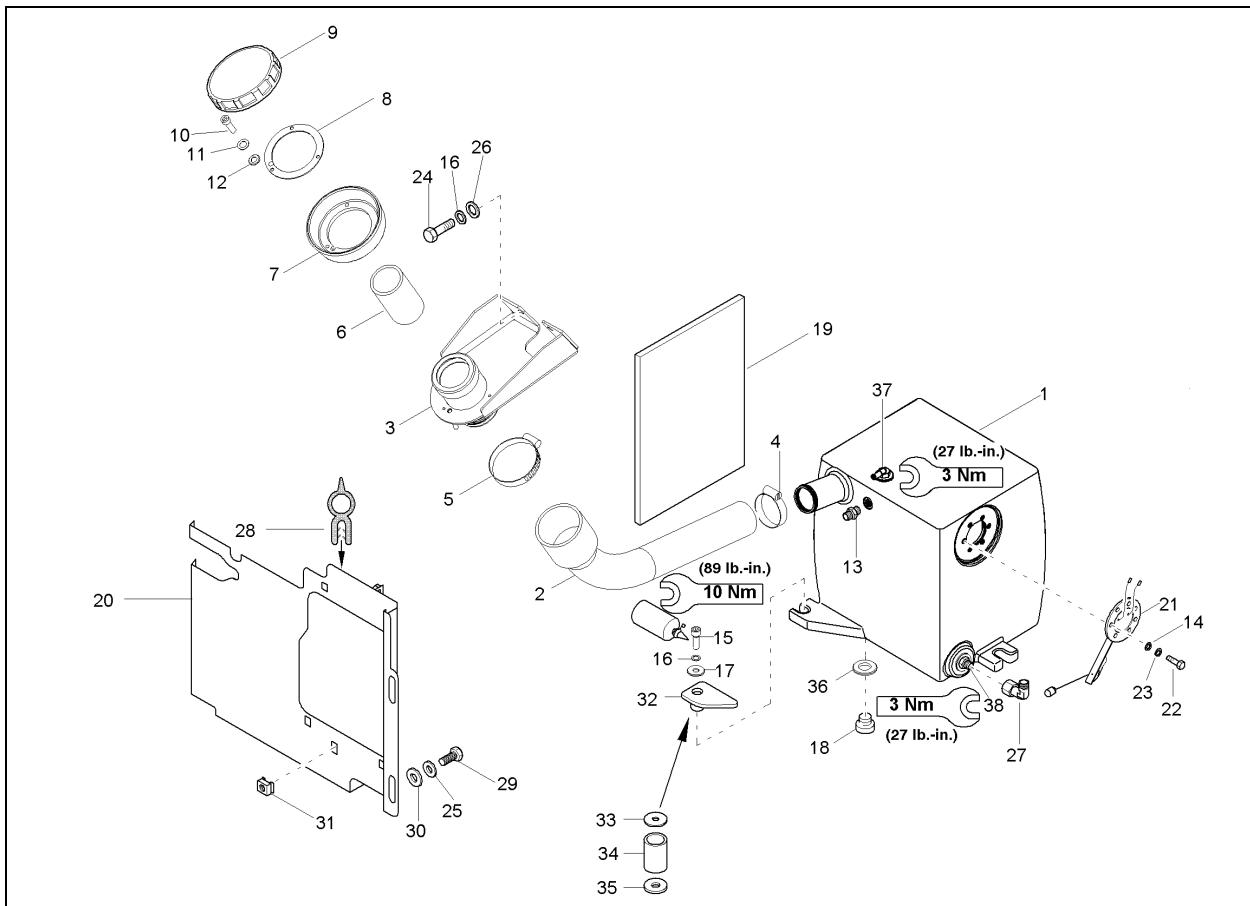
# 153 - DIESEL TANK

1000136066 (SN AD01243 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206329	FUEL TANK	1	17	163642	WASHER	3
2	1425100G	DIESEL HOSE	1	18	161415	PLUG	1
3	1421137G	FILLER NECK	1	19	161427	SCREW JOINT	1
4	162611	HOSE CLAMP	1	20	178695	COVER	1
5	164964	HOSE CLAMP	1	21	1424404G	SENDER	1
6	160436	STRAINER/FUEL TANK	1	22	651421	CS M4-0.7X16 C8.8 ZY DIN931	6
7	165072	RING	1	23	161673	LOCKWASHER S4	6
8	165073	BRACKET	1	24	651393	CS M10-1.5X25 C8.8 ZY	2
9	165110	FUEL CAP	1	25	163670	LOCKWASHER	2
10	651504	SHCS M5-0.8X16 C8.8 ZY DIN912	3	26	161640	WASHER/GR A 10.5	2
11	161674	LOCKWASHER S16	3	27	1429026G	ISOLATION MAT	1
12	161659	WASHER/GR A 5.3 ZO DIN125	3	28	161443	90° FITTING	1
13	161426	SCREW JOINT	1	29	177648	HEX SCREW	2
14	161658	WASHER/GR A 4.3 ZO DIN125	1	30	7462680011	WASHER 8.4 ST A2C	2
15	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	3	31	207275	RUBBER EXTRUSION (0.7M)	1
16	161669	LOCKWASHER S10	5				

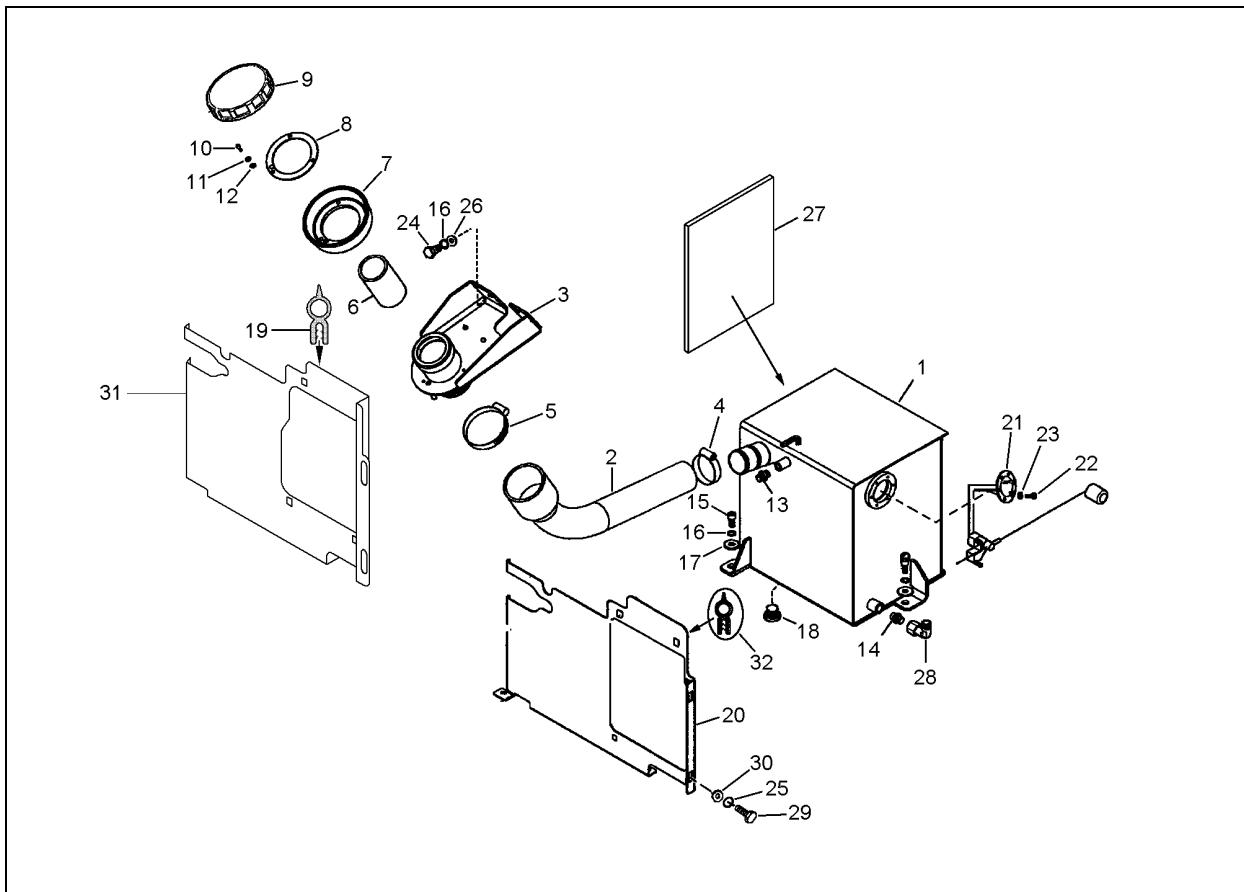
153 - DIESEL TANK  
1000139359/1000131581 (SN AC01611 - AD01242)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	**	FUEL TANK	1	22	651421	CS M4-0.7X16 C8.8 ZY DIN931	6
2	1425100G	DIESEL HOSE	1	23	161673	LOCKWASHER S4	6
3	1421137G	FILLER NECK	1	24	651393	CS M10-1.5X25 C8.8 ZY	2
4	162611	HOSE CLAMP	1	25	163670	LOCKWASHER	2
5	164964	HOSE CLAMP	1	26	161640	WASHER/GR A 10.5	2
6	160436	STRAINER/FUEL TANK	1	27	161443	90° FITTING	1
7	165072	RING	1	28	207275	RUBBER EXTRUSION (0.7M)	1
8	165073	BRACKET	1	29	177648	HEX SCREW	2
9	165110	FUEL CAP	1	30	7462680011	WASHER 8.4 ST A2C	2
10	651504	SHCS M5-0.8X16 C8.8 ZY DIN912	3	31	161615	NUT/CAGE M8	1
11	161674	LOCKWASHER S16	3	32	178694	PLATE (SN AD00454 - AD00891)	1
12	161659	WASHER/GR A 5.3 ZO DIN125	3	33	203993	WASHER/RUBBER (SN AD00892 - AD01242)	1
13	161426	SCREW JOINT	1	34	203992	SPACER (SN AD00892 - AD01242)	1
14	161658	WASHER/GR A 4.3 ZO DIN125	1	35	203994	WASHER (SN AD00892 - AD01242)	1
15	164897	SCREW	3	36	178262	SEAL RING (SN AD00454-AD01242)	1
16	161669	LOCKWASHER S10	5	37	203984	FITTING	1
17	163642	WASHER	3	38	205317	STUB COMPLETE	1
18	161415	PLUG	1	** Call for availability			
19	1429026G	ISOLATION MAT	1				
20	178695	COVER	1				
21	1424404G	SENDER	1				

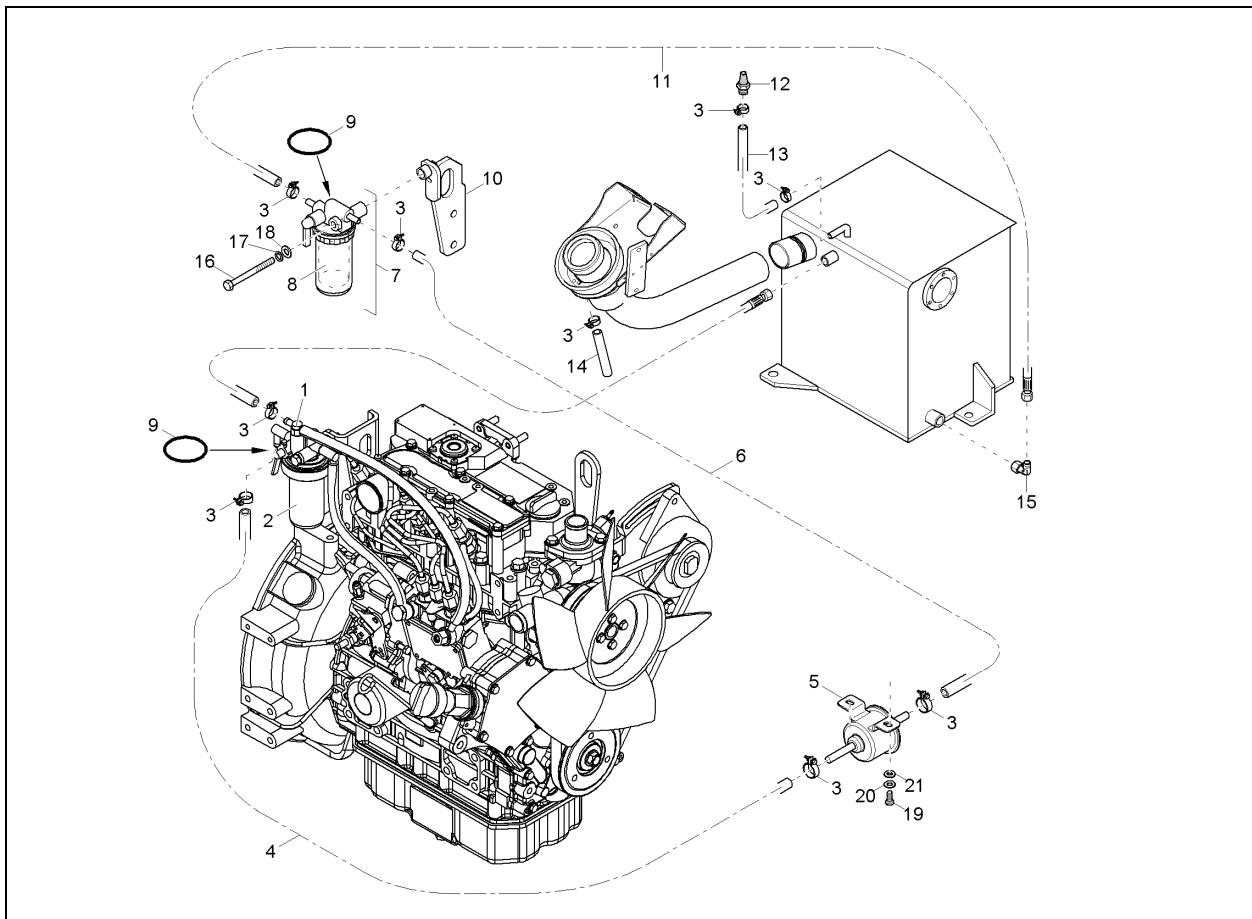
# 153 - DIESEL TANK

1000139358 (SN AC01610 AND BEFORE)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1421400G	KIT/FUEL TANK		1	18	161415	PLUG		1
2	1425100G	DIESEL HOSE		1	19	207279	RUBBER EXTRUSION (1.4M) (SN AC00615 - AC01610)		1
3	1421137G	FILLER NECK		1	20	1421180G	COVER (SN AC00614 AND BEFORE)		1
4	162611	HOSE CLAMP		1	21	1424404G	SENDER		1
5	164964	HOSE CLAMP		1	22	163343	SCREW		6
6	160436	STRAINER/FUEL TANK		1	23	161658	WASHER/GR A 4.3 ZO DIN125		6
7	165072	RING		1	24	651393	CS M10-1.5X25 C8.8 ZY		2
8	165073	BRACKET		1	25	163670	LOCKWASHER		2
9	165110	FUEL CAP		1	26	161640	WASHER/GR A 10.5		2
10	651504	SHCS M5-0.8X16 C8.8 ZY DIN912		3	27	1429026G	ISOLATION MAT		1
11	161674	LOCKWASHER S16		3	28	161443	90° FITTING		1
12	161659	WASHER/GR A 5.3 ZO DIN125		3	29	177648	HEX SCREW		4
13	161426	SCREW JOINT		1	30	7462680011	WASHER 8.4 ST A2C		4
14	161427	SCREW JOINT		1	31	1421183G	COVER PLATE (SN AC00615 - AC01610)		1
15	651475	SHCS M10-1.25X30 F8.8 ZY DIN912		3	32	207277	RUBBER EXTRUSION (1.0M) (SN AC00614 AND BEFORE)		1
16	161669	LOCKWASHER S10		5					
17	163642	WASHER		3					

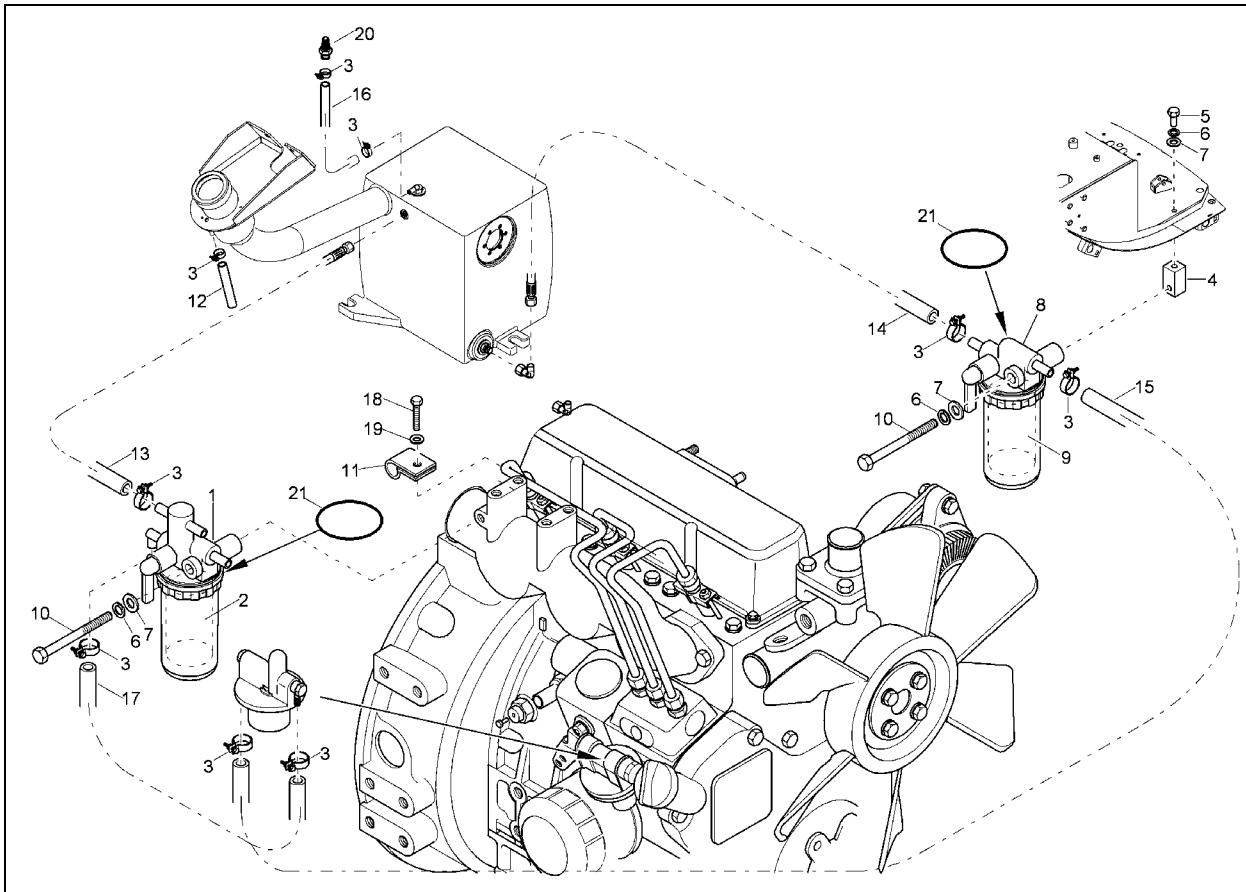
**153 - FUEL SYSTEM**  
**1000148826 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206298	FUEL FILTER ASSY	1	12	178965	FILTER	1
2	206299	FUEL FILTER ELEMENT	1	13	207265	FUEL LINE (0.9M)	1
3	162504	HOSE CLAMP	9	14	207263	FUEL LINE (0.7M)	1
4	207266	FUEL LINE (1.0M)	1	15	161443	90° FITTING	1
5	177699	FUEL PUMP	1	16	651439	HB M8-1.25X80 C8.8 ZY	1
6	207265	FUEL LINE (0.9M)	1	17	163670	LOCKWASHER	1
7	425-35973	WATER SEPARATOR COMPLETE	1	18	206301	SPACER	1
8	425-36091	SEPARATOR FILTER ELEMENT	1	19	9901671G	HEXAGON HEAD SCREW	2
9	206912	O-RING	2	20	161675	LOCKWASHER S6	2
10	206300	BRACKET	1	21	161660	WASHER GR A6.4 ZO DIN 125	2
11	165274	TUBE	1				

# 153 - FUEL SYSTEM

1000131739/1000131277 (SN AD04191 AND BEFORE)



Ref.

No. Part No.

Description

Qty.

1	162077	FUEL FILTER ASSY	1
2	425-35326	ELEMENT/FUEL	1
3	162504	HOSE CLAMP	9
4	1425125G	BRACKET	1
5	177648	HEX SCREW	1
6	163670	LOCKWASHER	3
7	163634	WASHER	3
8	425-35973	WATER SEPARATOR COMPLETE	1
9	425-36091	SEPARATOR FILTER ELEMENT	1
10	651438	HB M8-1.25X70 C8.8 ZY	2
11	162608	HOSE CLAMP	1
12	207263	FUEL LINE (0.7M)	1

Ref.

No. Part No.

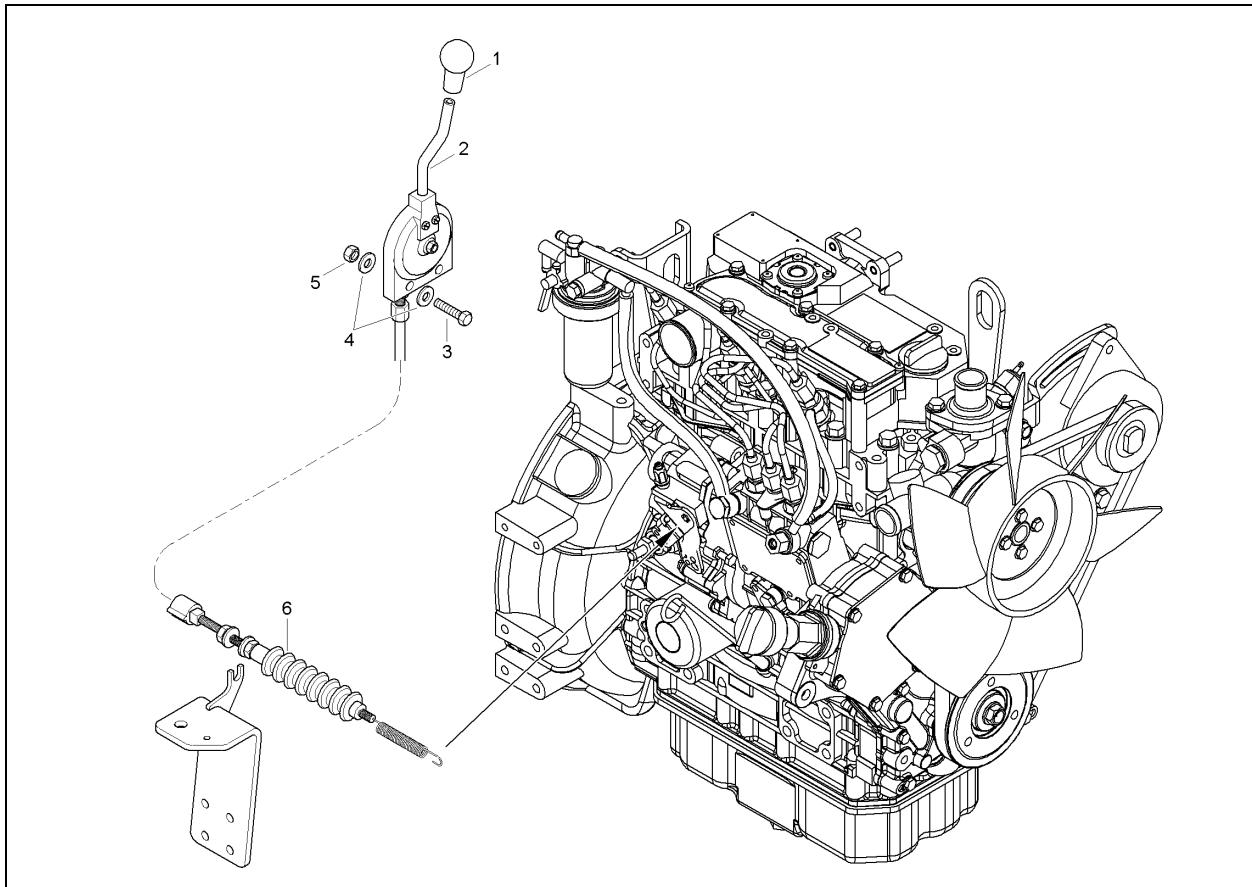
Description

Qty.

13	1425404G	DIESEL SUCTION TUBE	1
14	165274	TUBE	1
15	207270	FUEL LINE (2.1M)	1
16	207265	FUEL LINE (0.9M)	1
17	207260	FUEL LINE (0.45M)	1
18	656006	CS M10-1.5X20 C8.8 ZY DIN931	1
19	161640	WASHER/GR A 10.5	1
20	178965	FILTER (SN AC01882 AND UP)	1
21	206912	O-RING	2

\* Fuel tank shown for reference only. Appearance may vary according to serial number.

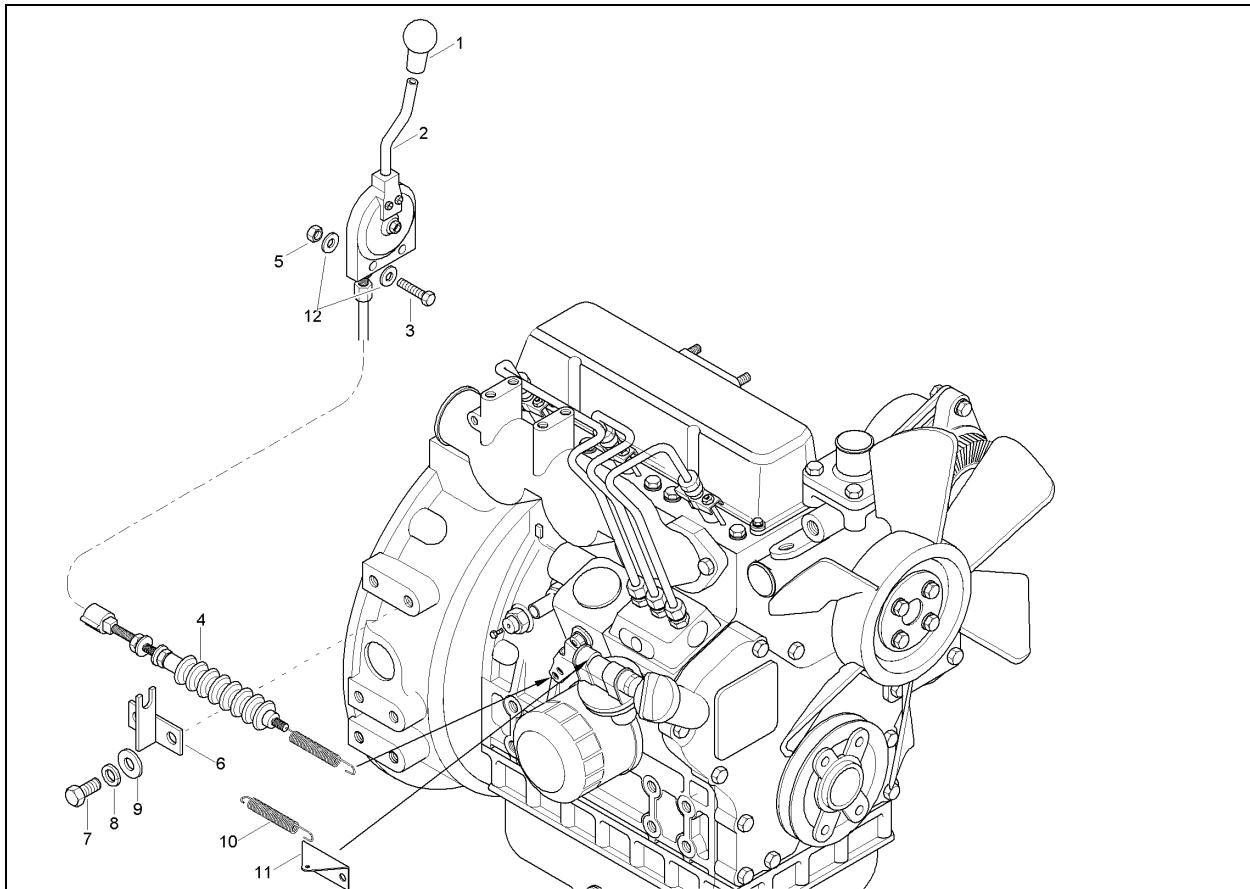
**153 - THROTTLE LEVER  
1000150828 (SN AE00001 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	162398	KNOB		1	4	161660	WASHER GR A6.4 ZO DIN 125		4
2	1410401G	THROTTLE LEVER		1	5	161678	HN M6-1.00 C8 ZO		2
3	656128	CS M6-1X30 C8.8 ZY DIN931		2	6	1420403G	THROTTLE CABLE		1

# 153 - THROTTLE LEVER

1000131740/1000131278 (SN AD04191 AND BEFORE)



Ref.

No. Part No.

Description

Qty.

1	162398	KNOB	1
2	1410401G	THROTTLE LEVER	1
3	656128	CS M6-1X30 C8.8 ZY DIN931	2
4	1420403G	THROTTLE CABLE	1
5	161678	HN M6-1.00 C8 ZO	2
6	161733	BRACKET	1

Ref.

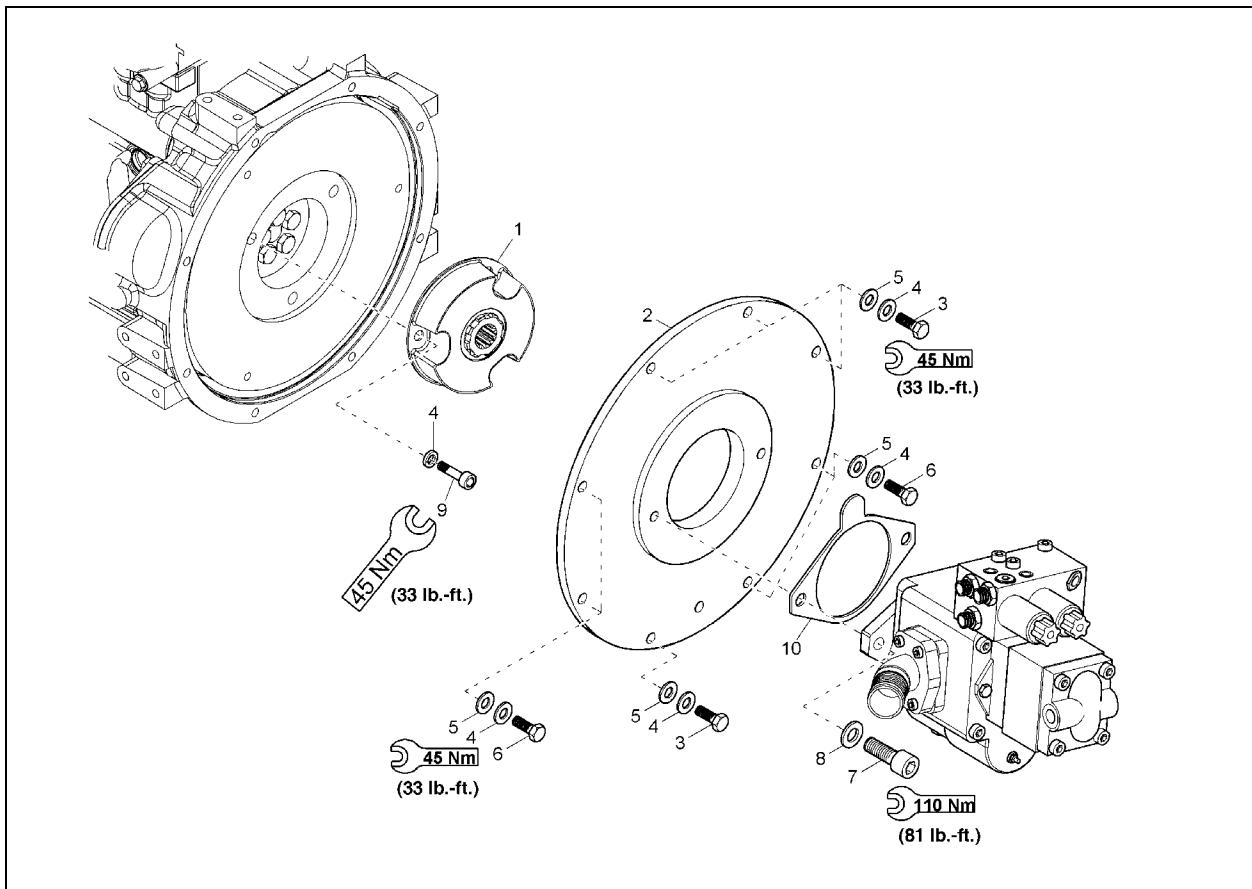
No. Part No.

Description

Qty.

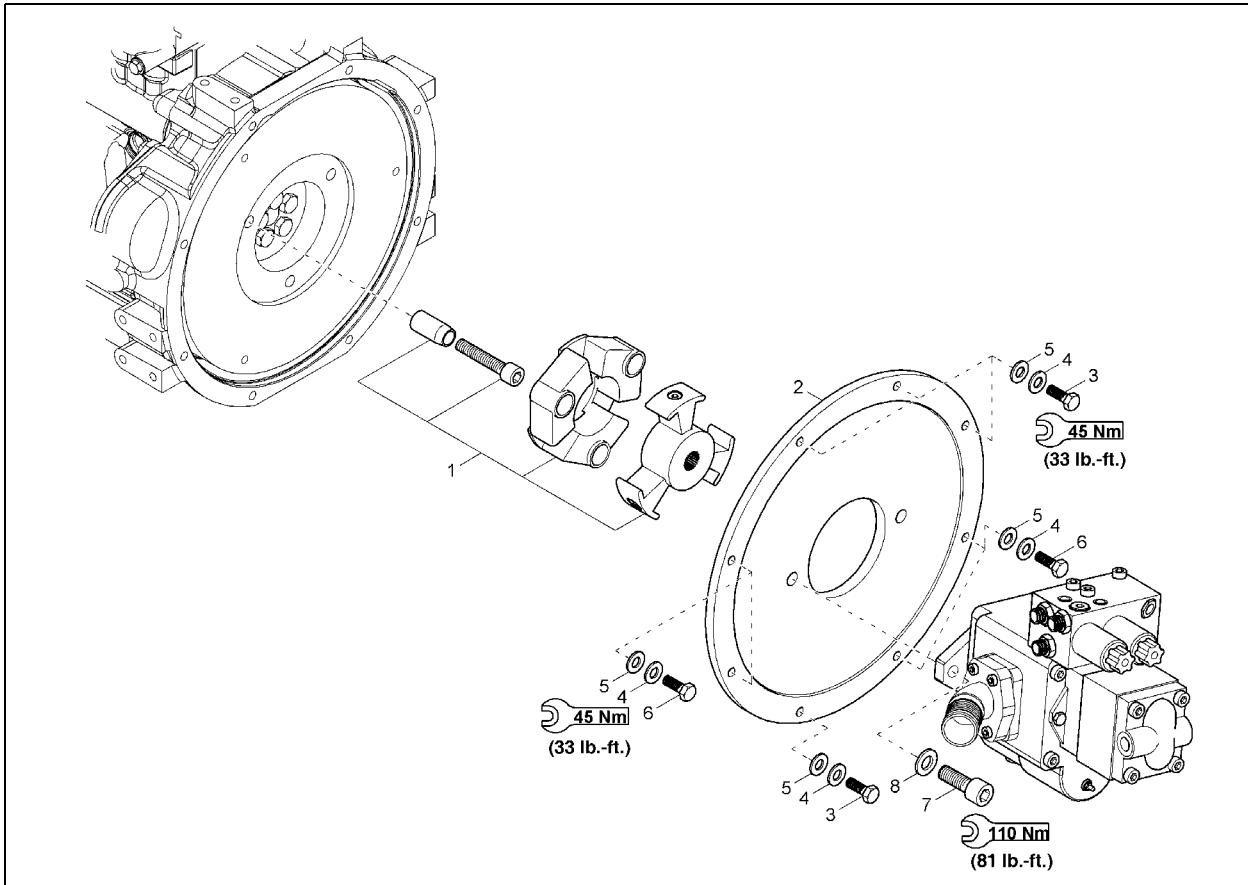
7	177648	HEX SCREW	2
8	163670	LOCKWASHER	2
9	163634	WASHER	2
10	160480	SPRING	1
11	161734	BRACKET	1
12	161660	WASHER GR A6.4 ZO DIN 125	4

**153 - HYDRAULIC PUMP DRIVE**  
**1000184641 (SN AF03764 AND UP)**



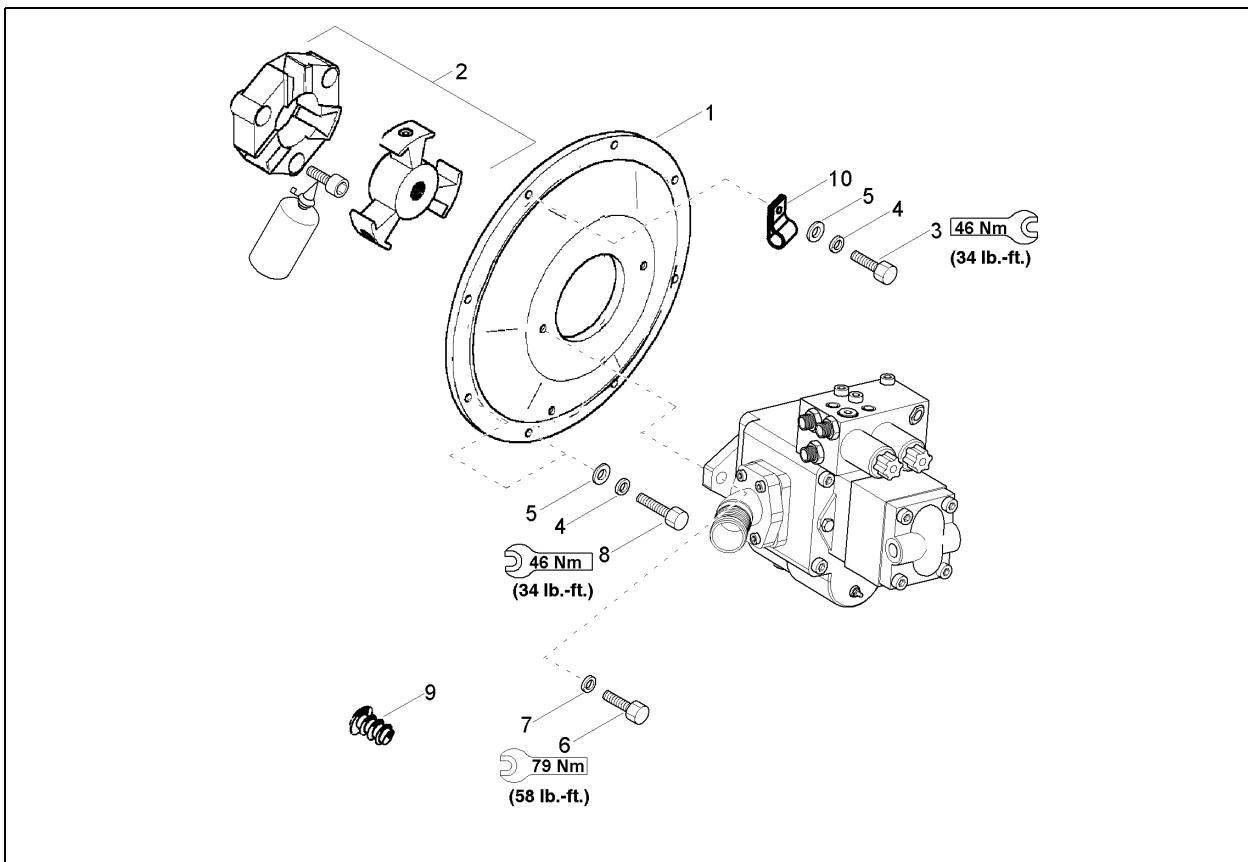
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	201582	COUPLER	1	7	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2	
2	204040	PUMP CARRIER	1	8	163651	WASHER	2	
3	656008	CS M10-1.5X30 C8.8 ZY DIN931	4	9	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	3	
4	161669	LOCKWASHER S10	11	10	**	PLATE	1	
5	161640	WASHER/GR A 10.5	8	** Call for availability				
6	651397	CS M10-1.5X35 C8.8 ZY	4					

**153 - HYDRAULIC PUMP DRIVE**  
**1000148942 (SN AE00001 - AF03763)**



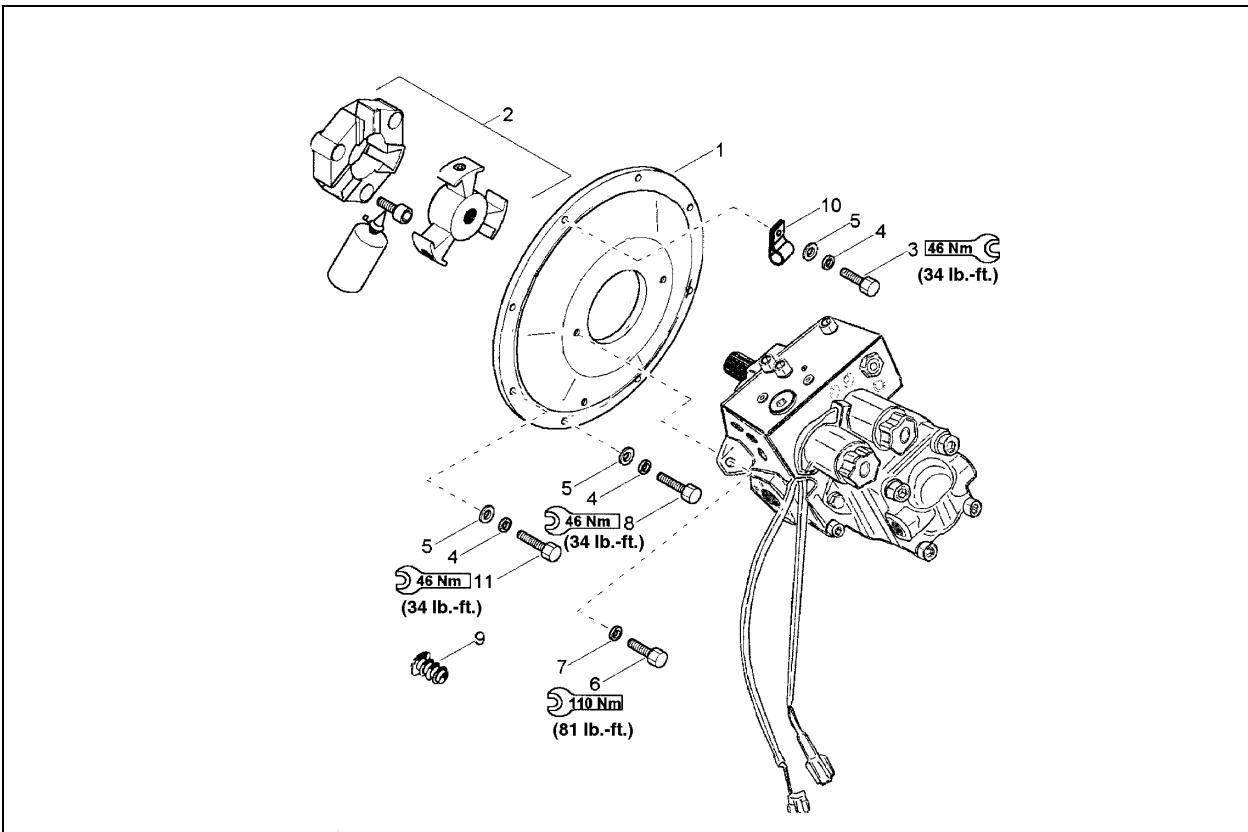
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206335	COUPLER	1	5	161640	WASHER/GR A 10.5	8
2	206336	PUMP CARRIER	1	6	651397	CS M10-1.5X35 C8.8 ZY	4
3	656008	CS M10-1.5X30 C8.8 ZY DIN931	4	7	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2
4	161669	LOCKWASHER S10	8	8	163651	WASHER	2

**153 - HYDRAULIC PUMP DRIVE**  
**1000131305 (SN AC00304 - AD04191)**



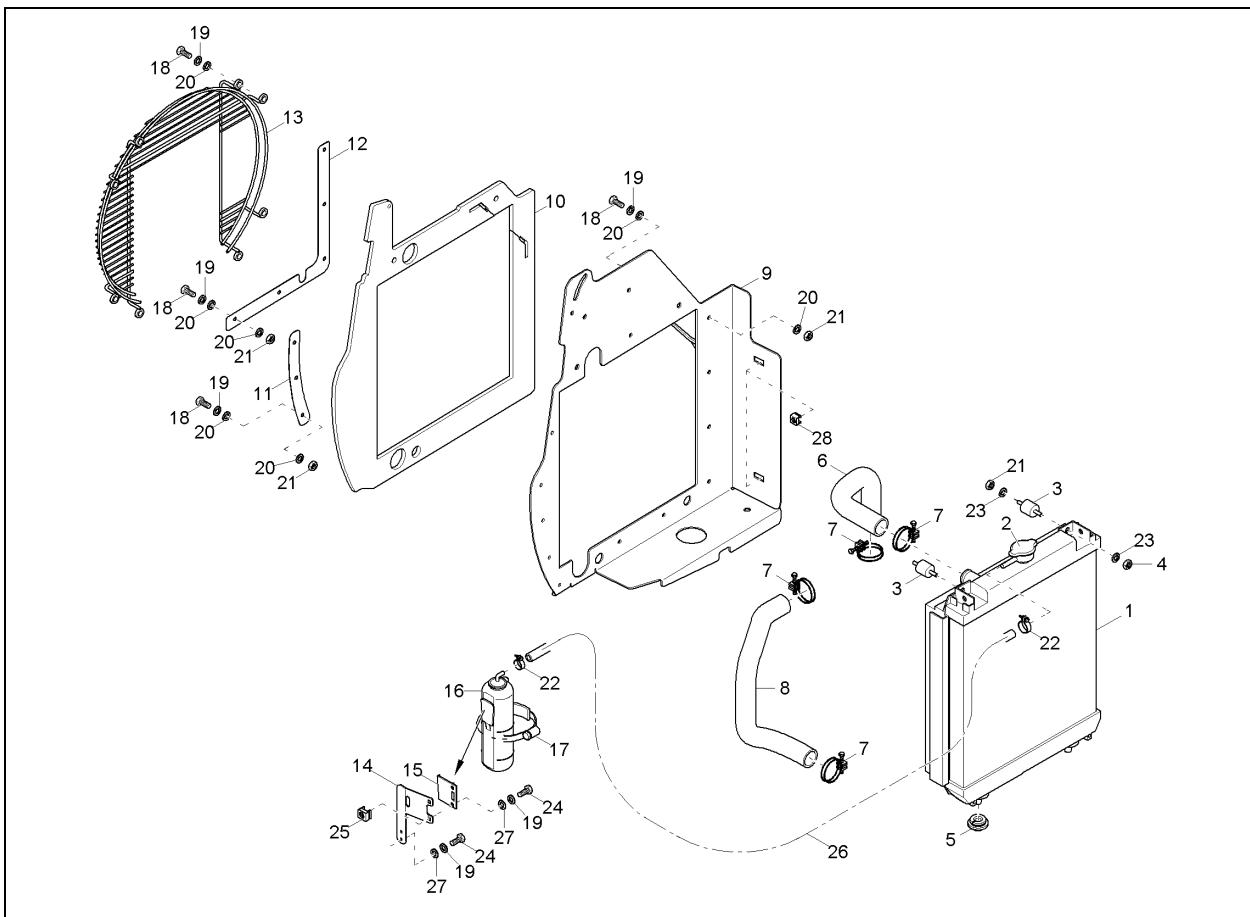
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 1528403G	PUMP CARRIER	1	6 651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2
2 1528402G	COUPLER	1	7 163651	WASHER	2
3 656008	CS M10-1.5X30 C8.8 ZY DIN931	6	8 651397	CS M10-1.5X35 C8.8 ZY	2
4 161669	LOCKWASHER S10	8	9 164928	PLUG	1
5 161640	WASHER/GR A 10.5	8	10 162608	HOSE CLAMP	1

**153 - HYDRAULIC PUMP DRIVE**  
**1000131944 (SN AC00303 AND BEFORE)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1528403G	PUMP CARRIER		1	7	163651	WASHER		2
2	1528402G	COUPLER		1	8	651402	CS M10-1.5X50 C8.8 ZY		1
3	656008	CS M10-1.5X30 C8.8 ZY DIN931		6	9	164928	PLUG		1
4	161669	LOCKWASHER S10		8	10	162608	HOSE CLAMP		1
5	161640	WASHER/GR A 10.5		8	11	651399	CS M10-1.5X40 C8.8 ZY		1
6	651480	SHCS M12-1.75X30 C10.9 ZY DIN912		2					

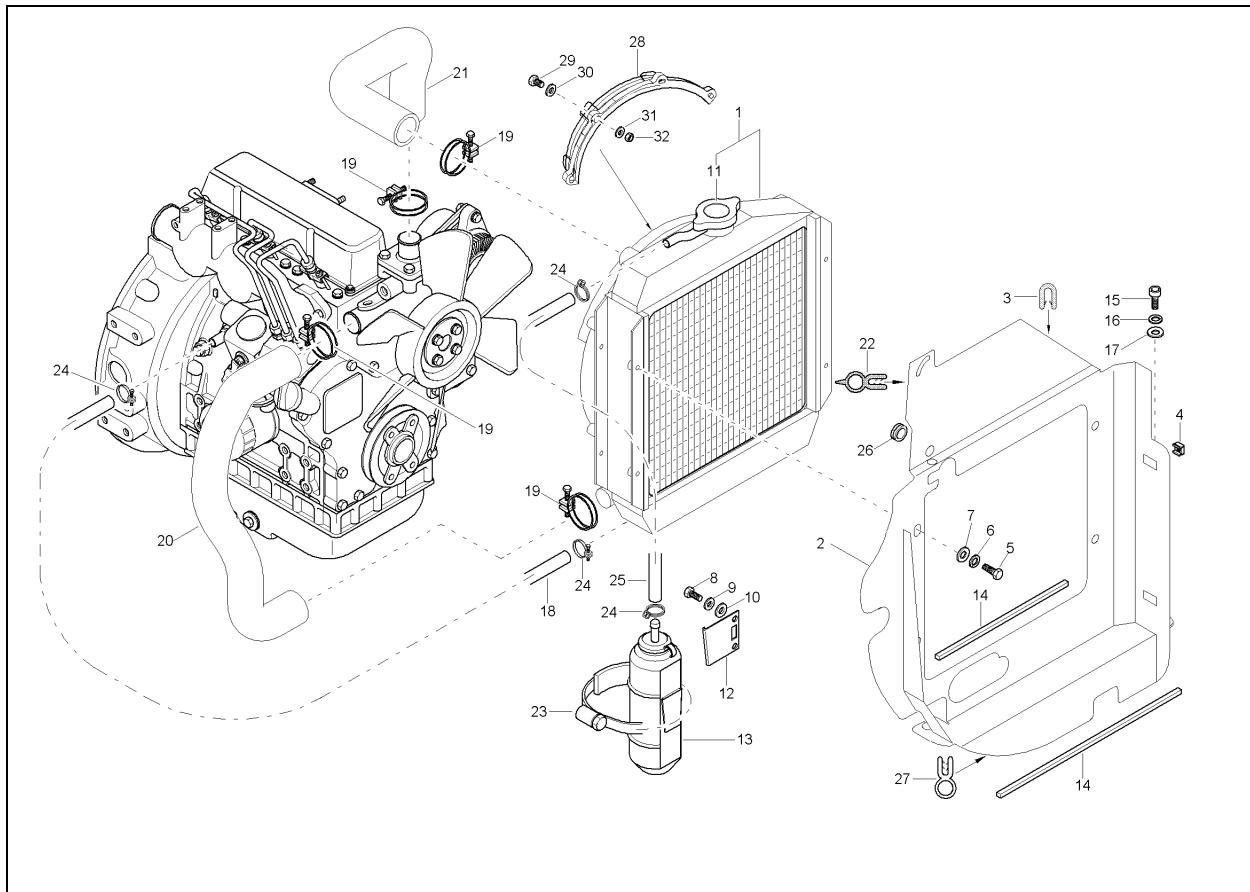
**153 - RADIATOR**  
**1000148844 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206318	RADIATOR	1	15	425-36152	BRACKET/SUB-TANK	1
2	177996	RADIATOR CAP	1	16	425-36233	RESERVOIR	1
3	206319	METAL-RUBBER BUFFER	2	17	161856	CLAMP	1
4	656047	HN M6-1 C8 ZY DIN934	2	18	651424	CS M6-1X20 C8.8 ZY DIN931	21
5	177710	RUBBER BUFFER	2	19	161675	LOCKWASHER S6	25
6	206320	HOSE	1	20	161613	NUT/CAGE M6	34
7	425-34853	CLAMP 38	4	21	161678	HN M6-1.00 C8 ZO	15
8	206321	HOSE	1	22	162504	HOSE CLAMP	2
9	206322	BRACKET	1	23	161621	LW SPRING 6 DIN7980	4
10	206323	RUBBER SEAL	1	24	656149	CS M6-1X16 C8.8 ZY DIN931	4
11	206324	CLAMP PLATE	1	25	161613	NUT/CAGE M6	2
12	206325	CLAMP PLATE	1	26	207258	FUEL LINE (0.4M)	1
13	206326	PROTECTING SCREEN	1	27	161660	WASHER GR A6.4 ZO DIN 125	4
14	206327	BRACKET	1	28	161615	NUT/CAGE M8	2

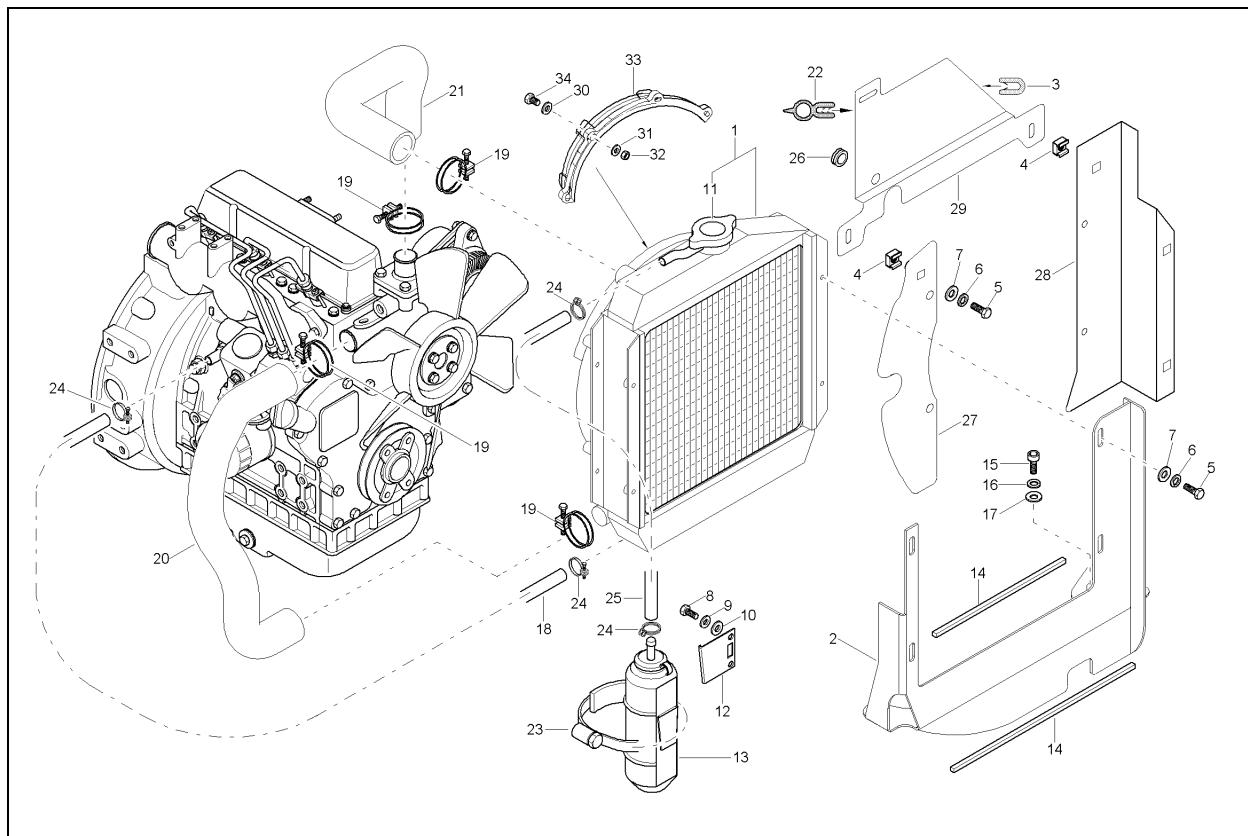
# 153 - RADIATOR

1000139357 (SN AC00615 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36150	RADIATOR	1	17	163642	WASHER	3
2	1925005G	BRACKET	1	18	207263	FUEL LINE (0.7M)	1
3	207209	EDGE PROTECTION SECTION (0.4M)	1	19	425-34853	CLAMP 38	4
4	161615	NUT/CAGE M8	2	20	161794	RADIATOR HOSE	1
5	656093	CS M8-1.25X16 C8.8 ZY DIN931	4	21	161795	RADIATOR HOSE	1
6	163670	LOCKWASHER	4	22	207276	RUBBER EXTRUSION (0.9M)	1
7	7462680011	WASHER 8.4 ST A2C	4	23	161856	CLAMP	1
8	656092	CS M6-1X12 C8.8 ZY DIN931	2	24	162504	HOSE CLAMP	4
9	161675	LOCKWASHER S6	2	25	207257	FUEL LINE (0.3M)	1
10	7462680008	WASHER	2	26	9709266G	RUBBER BUSHING	1
11	160424	RADIATOR CAP	1	27	206328	RUBBER PROFILE (0.50M)	1
12	425-36152	BRACKET/SUB-TANK	1	28	1425021G	VENTILATOR	1
13	190845	EXPANSION CONTAINER	1	29	651430	CS M8-1.25X12 C8.8 ZY DIN931	4
14	207151	RUBBER EXTRUSION (1.0M)	1	30	163634	WASHER	4
15	162022	SCREW	3	31	656110	LW M8 ZY DIN127	4
16	161669	LOCKWASHER S10	3	32	656048	HN M8-1.25 C8 ZY DIN934	4

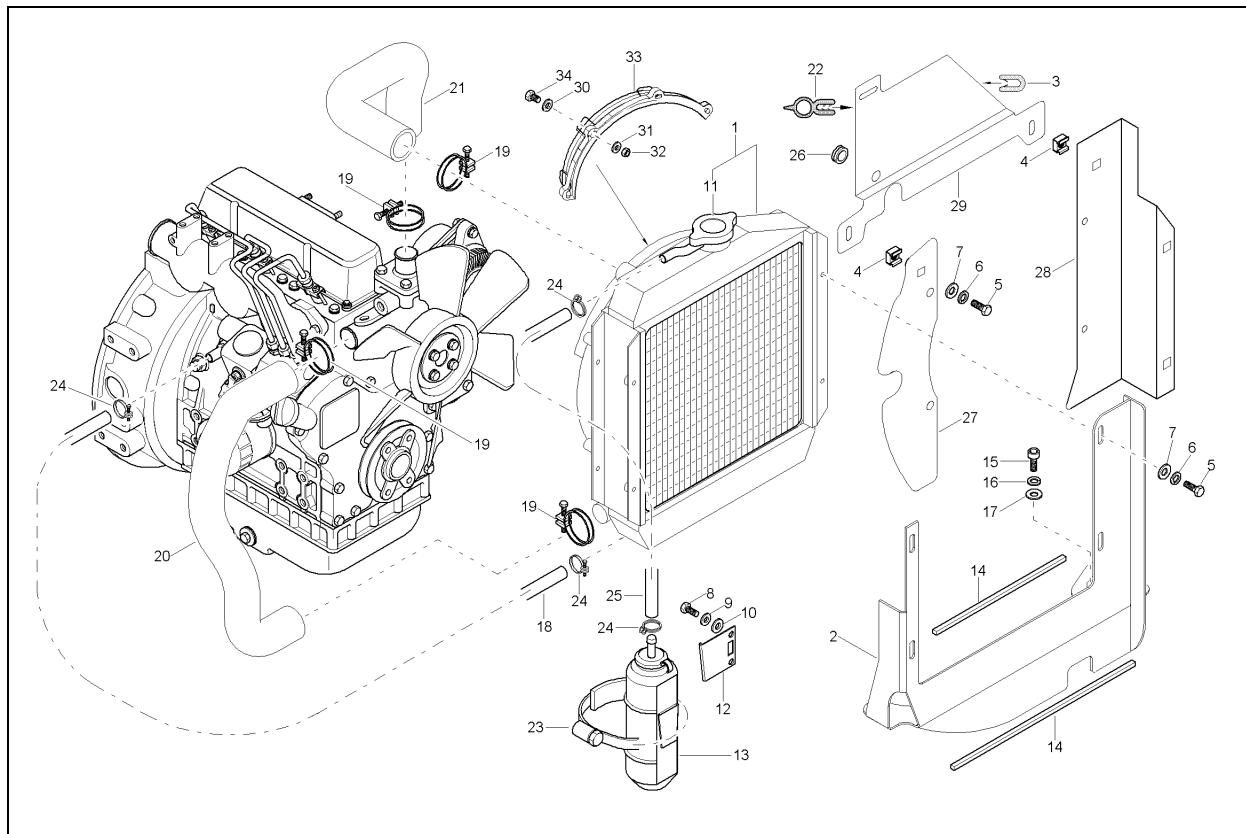
**153 - RADIATOR**  
**1000132056 (SN AC00304 - AC00614)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36150	RADIATOR	1	18	207263	FUEL LINE (0.7M)	1
2	1425013G	BRACKET	1	19	425-34853	CLAMP 38	4
3	207209	EDGE PROTECTION SECTION (0.4M)	1	20	425-35272	HOSE RADIATOR/BOTTOM	1
4	161615	NUT/CAGE M8	4	21	425-35271	HOSE RADIATOR TOP	1
5	656093	CS M8-1.25X16 C8.8 ZY DIN931	16	22	204019	RUBBER PROFILE (1.50M)	1
6	163670	LOCKWASHER	12	23	161856	CLAMP	1
7	7462680011	WASHER 8.4 ST A2C	12	24	162504	HOSE CLAMP	4
8	9901671G	HEXAGON HEAD SCREW	2	25	207257	FUEL LINE (0.3M)	1
9	161675	LOCKWASHER S6	2	26	9709266G	RUBBER BUSHING	1
10	7462680008	WASHER	2	27	1925002G	AIR GUIDE PLATE LT	1
11	160424	RADIATOR CAP	1	28	1925003G	AIR GUIDE PLATE RT	1
12	425-36152	BRACKET/SUB-TANK	1	29	1925004G	AIR GUIDE PLATE	1
13	190845	EXPANSION CONTAINER	1	30	163634	WASHER	4
14	207151	RUBBER EXTRUSION (1.0M)	1	31	656110	LW M8 ZY DIN127	4
15	162022	SCREW	3	32	656048	HN M8-1.25 C8 ZY DIN934	4
16	161669	LOCKWASHER S10	3	33	1425021G	VENTILATOR	4
17	163642	WASHER	3	34	651430	CS M8-1.25X12 C8.8 ZY DIN931	4

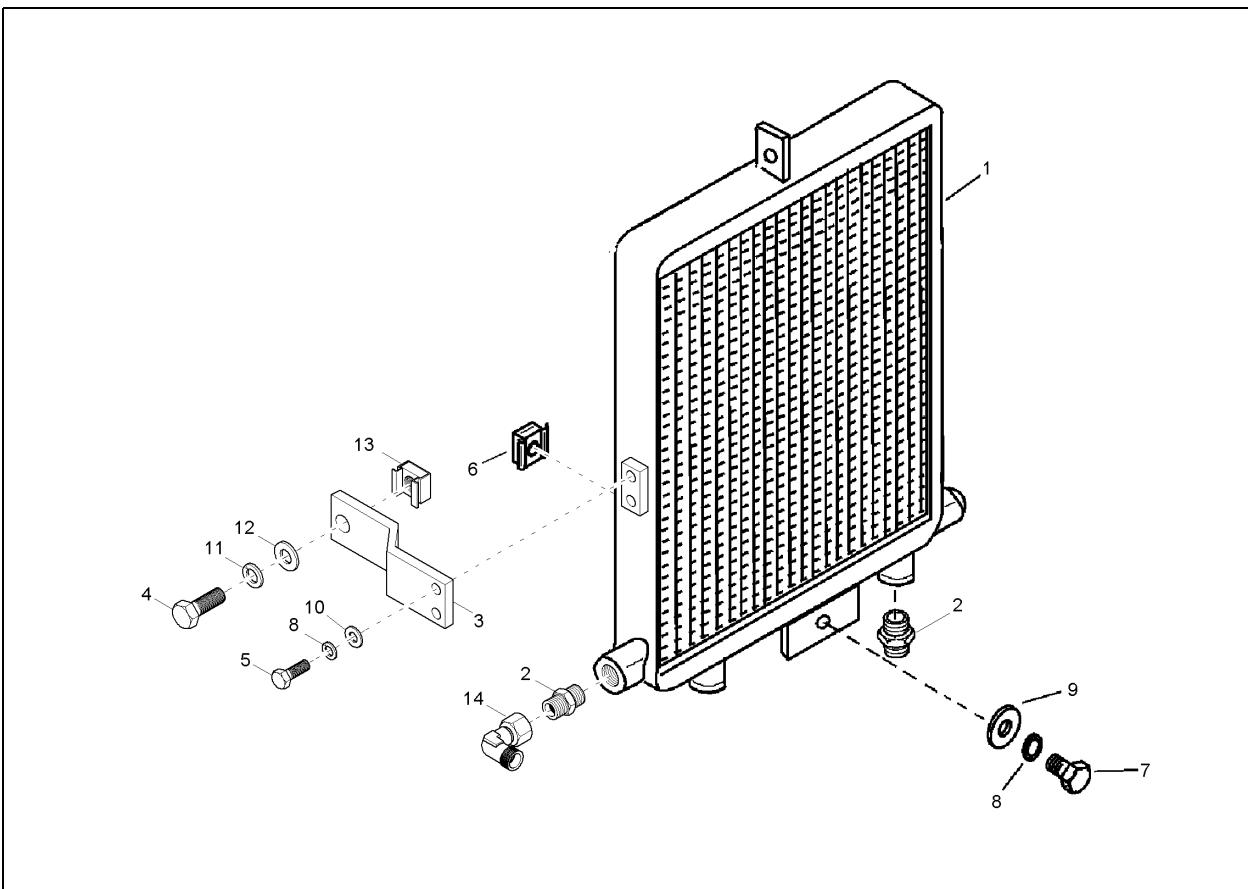
# 153 - RADIATOR

1000131735 (SN AC00303 AND BEFORE)



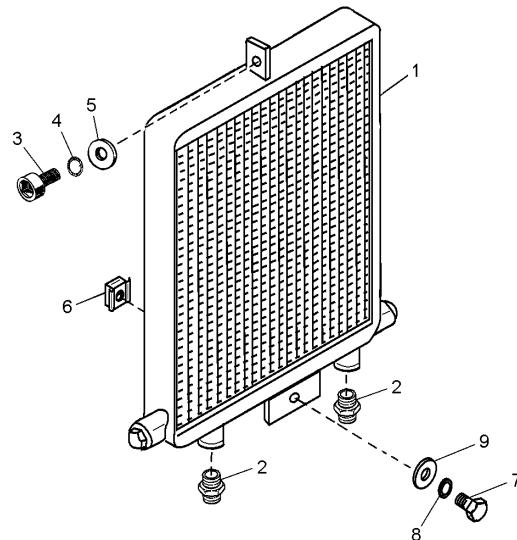
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36150	RADIATOR	1	18	207263	FUEL LINE (0.7M)	1
2	1425013G	BRACKET	1	19	425-34853	CLAMP 38	4
3	207209	EDGE PROTECTION SECTION (0.4M)	1	20	161794	RADIATOR HOSE	1
4	161615	NUT/CAGE M8	4	21	161795	RADIATOR HOSE	1
5	656093	CS M8-1.25X16 C8.8 ZY DIN931	6	22	207278	RUBBER EXTRUSION (1.1M)	1
6	163670	LOCKWASHER	6	23	161856	CLAMP	1
7	7462680011	WASHER 8.4 ST A2C	6	24	162504	HOSE CLAMP	4
8	656092	CS M6-1X12 C8.8 ZY DIN931	2	25	207257	FUEL LINE (0.3M)	1
9	161675	LOCKWASHER S6	2	26	9709266G	RUBBER BUSHING	1
10	7462680008	WASHER	2	27	178729	AIR GUIDE PLATE LT	1
11	160424	RADIATOR CAP	1	28	178730	AIR GUIDE PLATE RT	1
12	425-36152	BRACKET/SUB-TANK	1	29	178731	AIR GUIDING PLATE	1
13	190845	EXPANSION CONTAINER	1	30	163634	WASHER	4
14	207151	RUBBER EXTRUSION (1.0M)	1	31	656110	LW M8 ZY DIN127	4
15	162022	SCREW	3	32	656048	HN M8-1.25 C8 ZY DIN934	4
16	161669	LOCKWASHER S10	3	33	1425021G	VENTILATOR	1
17	163642	WASHER	3	34	651430	CS M8-1.25X12 C8.8 ZY DIN931	4

**153 - OIL COOLER**  
**1000149063/1000135940/1000139361 (SN AC01884 AND UP)**



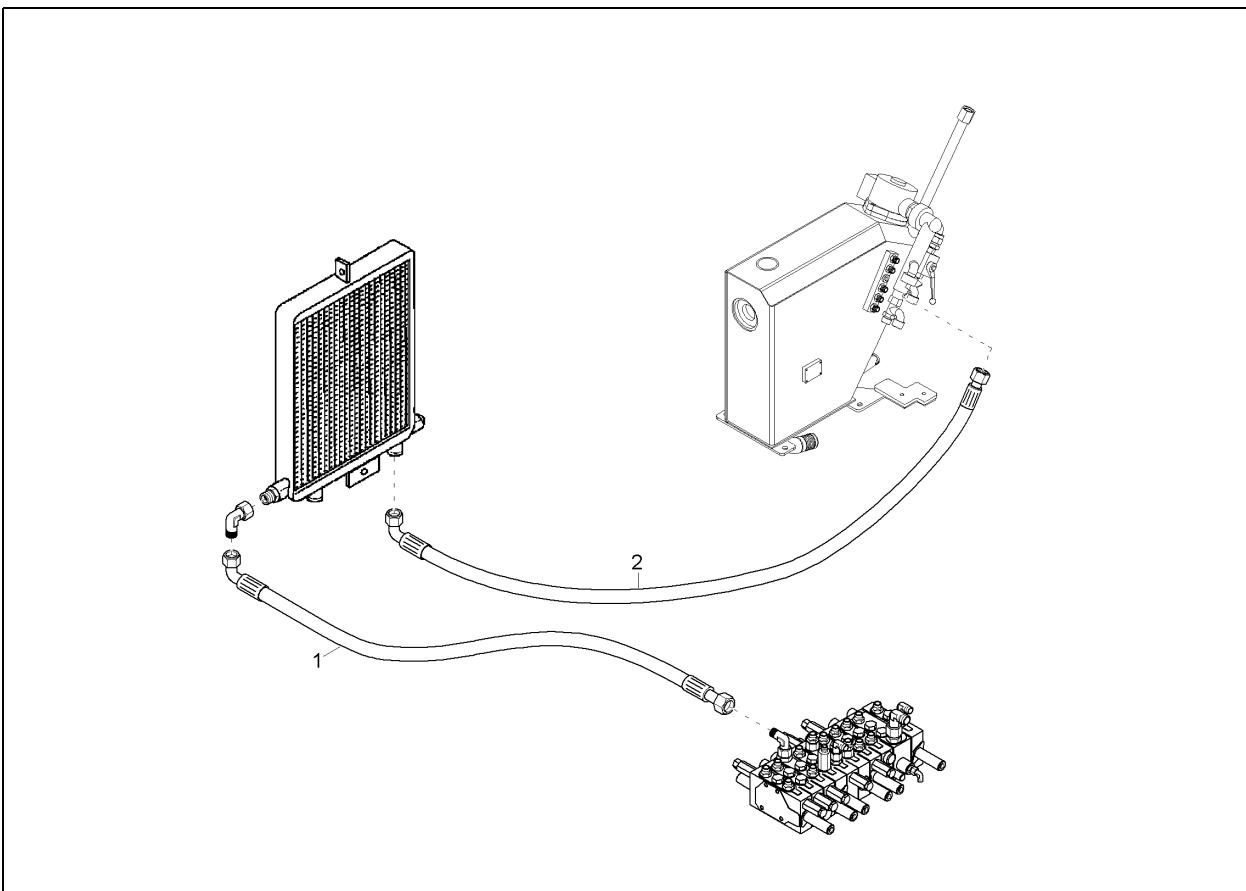
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1428418G	HYDRAULIC OIL COOLER		1	9	7462680011	WASHER 8.4 ST A2C		1
2	9910346G	SCREW JOINT		2	10	163634	WASHER		2
3	178796	BRACKET		1	11	161669	LOCKWASHER S10		1
4	651393	CS M10-1.5X25 C8.8 ZY		1	12	161640	WASHER/GR A 10.5		1
5	656093	CS M8-1.25X16 C8.8 ZY DIN931		2	13	161610	NUT/CAGE M10		1
6	161616	NUT/CAGE M8		1	14	161447	90° FITTING (SN AD03121 AND UP)		1
7	656094	CS M8-1.25X30 C8.8 ZY DIN931		1					
8	163670	LOCKWASHER		3					

**153 - OIL COOLER**  
**1000139360 (SN AC01883 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1428418G	HYDRAULIC OIL COOLER	1	7	656094	CS M8-1.25X30 C8.8 ZY DIN931	1
2	9910346G	SCREW JOINT	2	8	163670	LOCKWASHER	1
3	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	1	9	7462680011	WASHER 8.4 ST A2C	1
4	161669	LOCKWASHER S10	1				
5	161663	WASHER/GR A 10.5 ZO	1				
6	161616	NUT/CAGE M8	1				

**153 - OIL COOLER INSTALLATION**  
**1000131348 (SN AC01884 AND UP)**

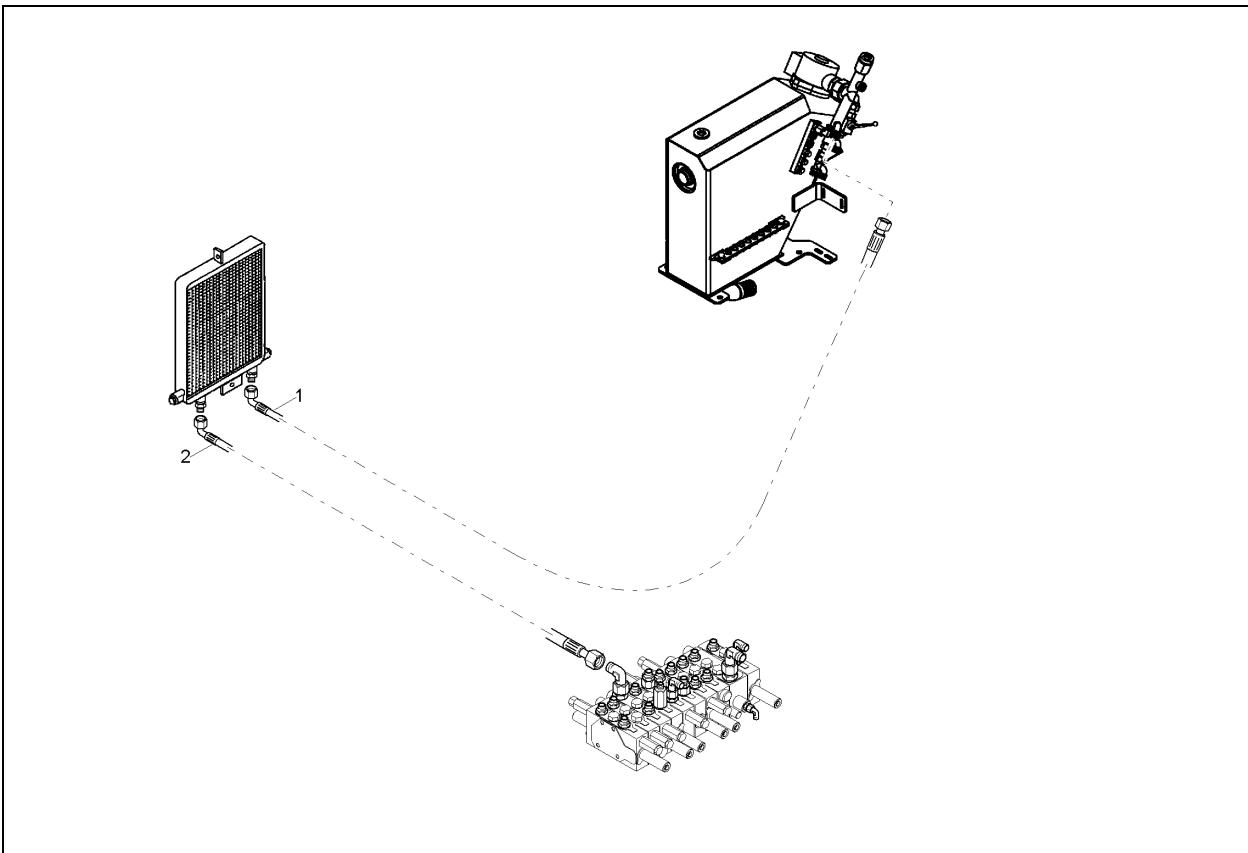


Ref.

No.	Part No.	Description	Qty.
1	8006005G	HP HOSE	1
2	178524	HP HOSE	1

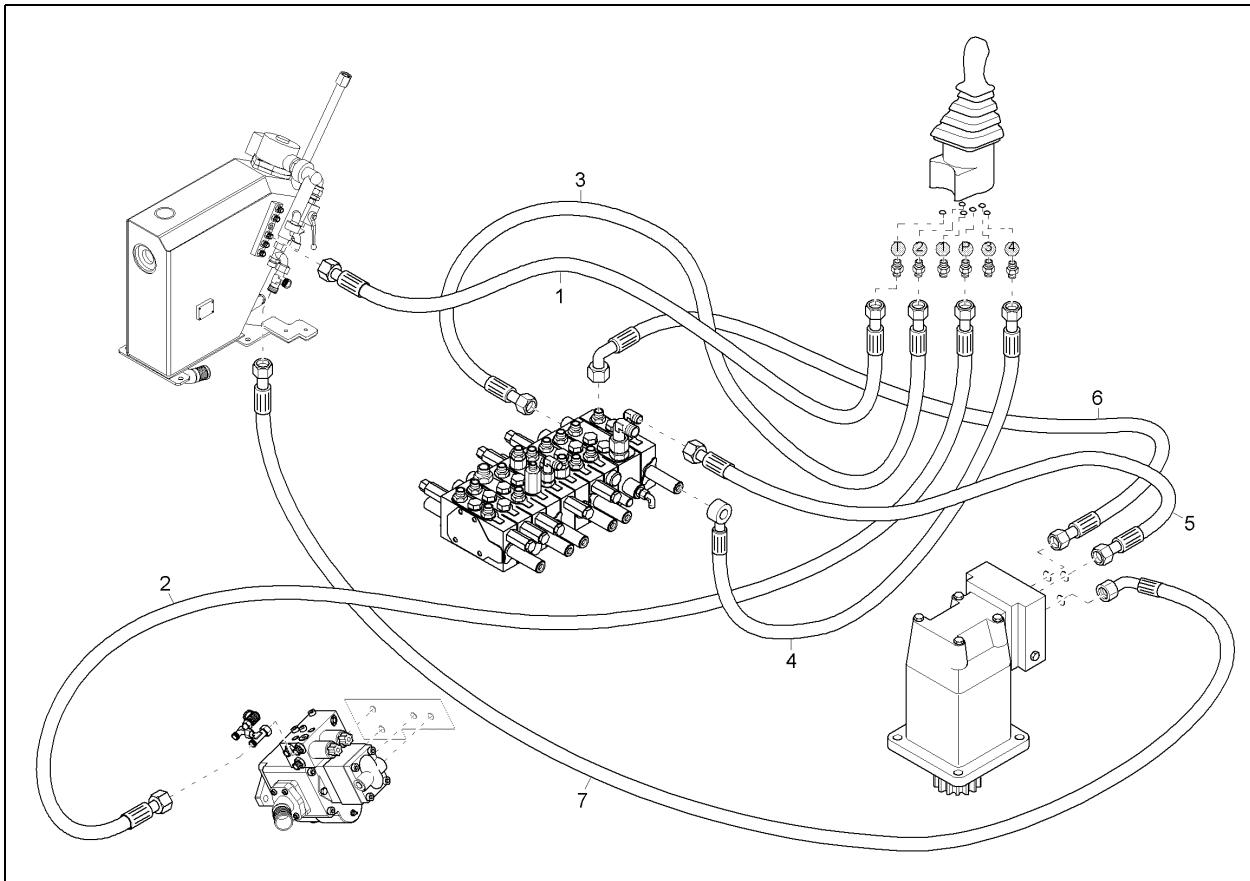
\* 90° elbow only present on SN AD03121 AND UP.

## 153 - OIL COOLER INSTALLATION 1000131969 (SN AC01883 AND BEFORE)



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 8006228G	HP HOSE	1	2 8006005G	HP HOSE	1

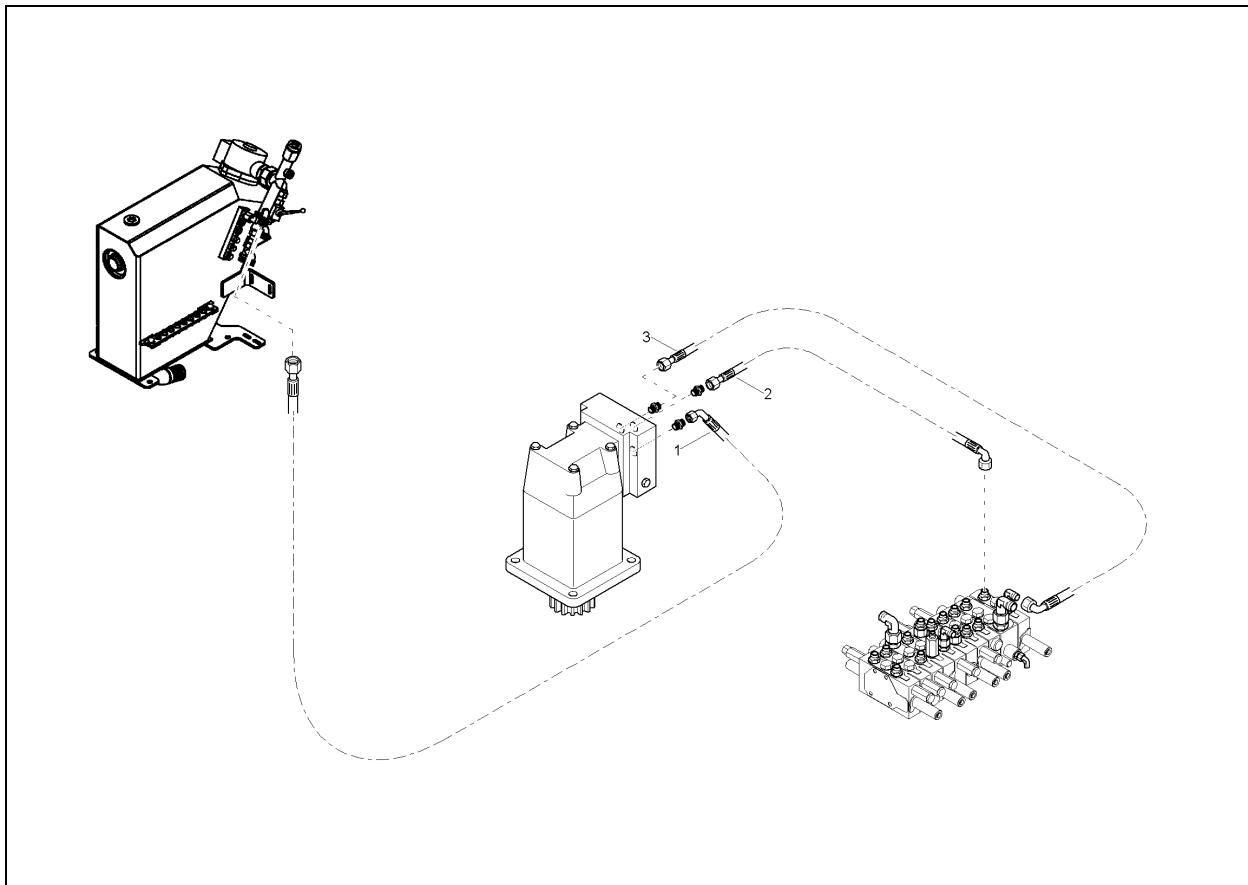
**153 - TURNTABLE DRIVE UNIT INSTALLATION**  
**1000131362 (SN AD00454 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162447	HP HOSE	1	5	8004374G	HP HOSE	1
2	163288	HP HOSE	1	6	203996	HP HOSE	1
3	179544	HP HOSE	1	7	8004371G	HP HOSE-	1
4	178516	HP HOSE	1				

# 153 - TURNTABLE DRIVE UNIT INSTALLATION

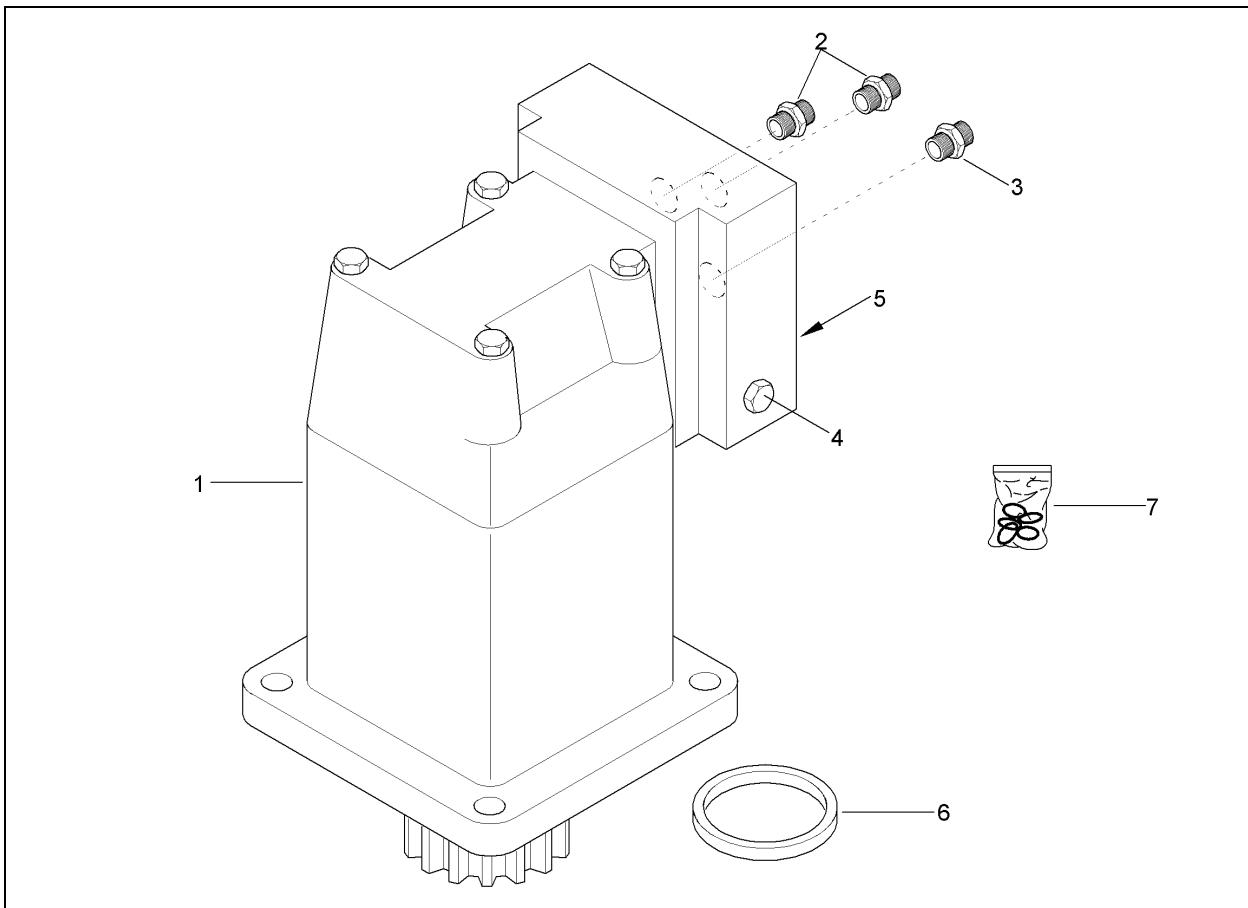
## 1000131981 (SN AD00453 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8004371G	HP HOSE	1	3	203996	HP HOSE	1
2	8004374G	HP HOSE	1				

# 153 - TURNTABLE DRIVE UNIT

1000131330/1000131802



#### Ref.

#### No. Part No.

#### Description

#### Qty.

1	1408652G	HYDRAULIC MOTOR	1
2	161428	SCREW JOINT 10L	2
3	165966	SCREW JOINT	1
4	1408651G	PRESSURE LIMITING VALVE 125BAR	1

#### Ref.

#### No. Part No.

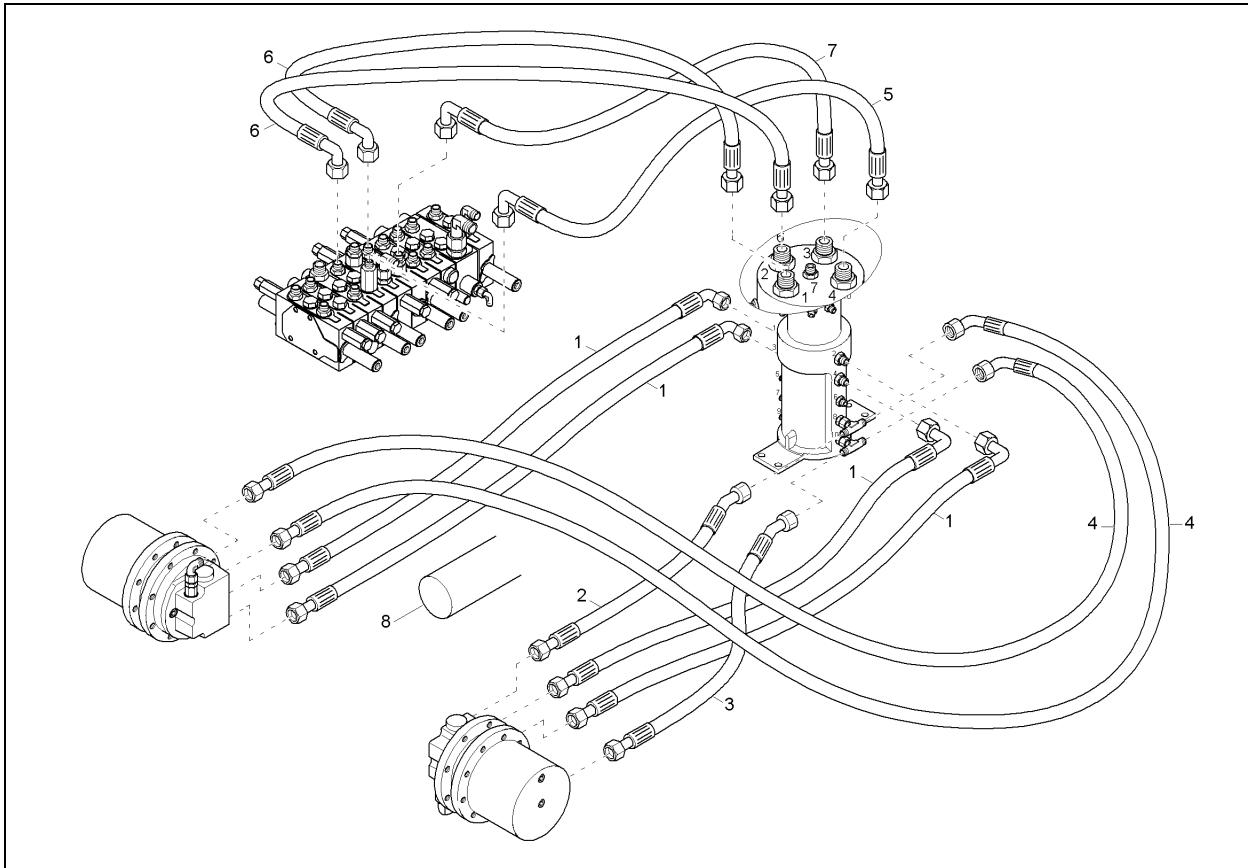
#### Description

#### Qty.

5	160567	VALVE/SHOCK	1
6	160570	SEAL	1
7	160604	SEAL KIT	1

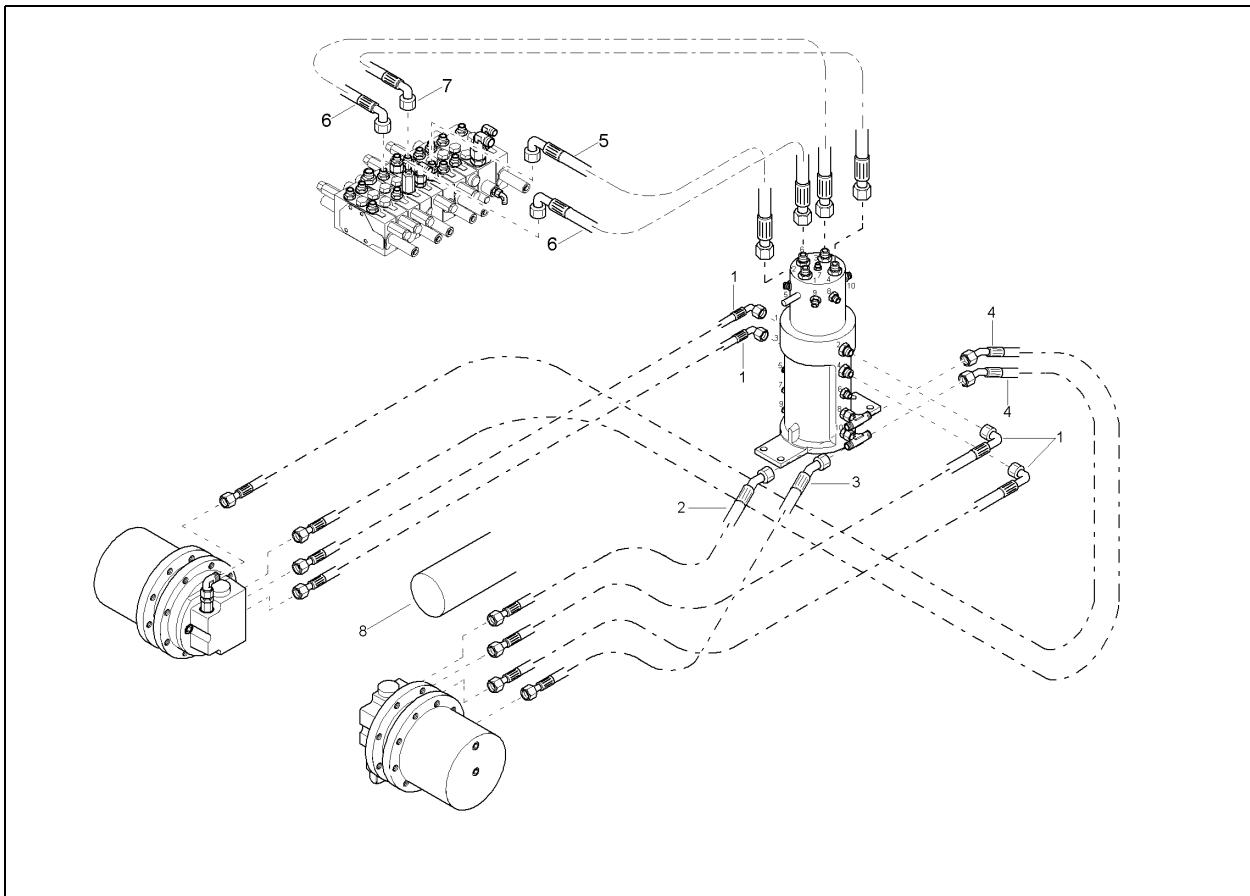
# 153 - TRAVEL GEAR INSTALLATION

1000131350 (SN AD00454 AND UP)



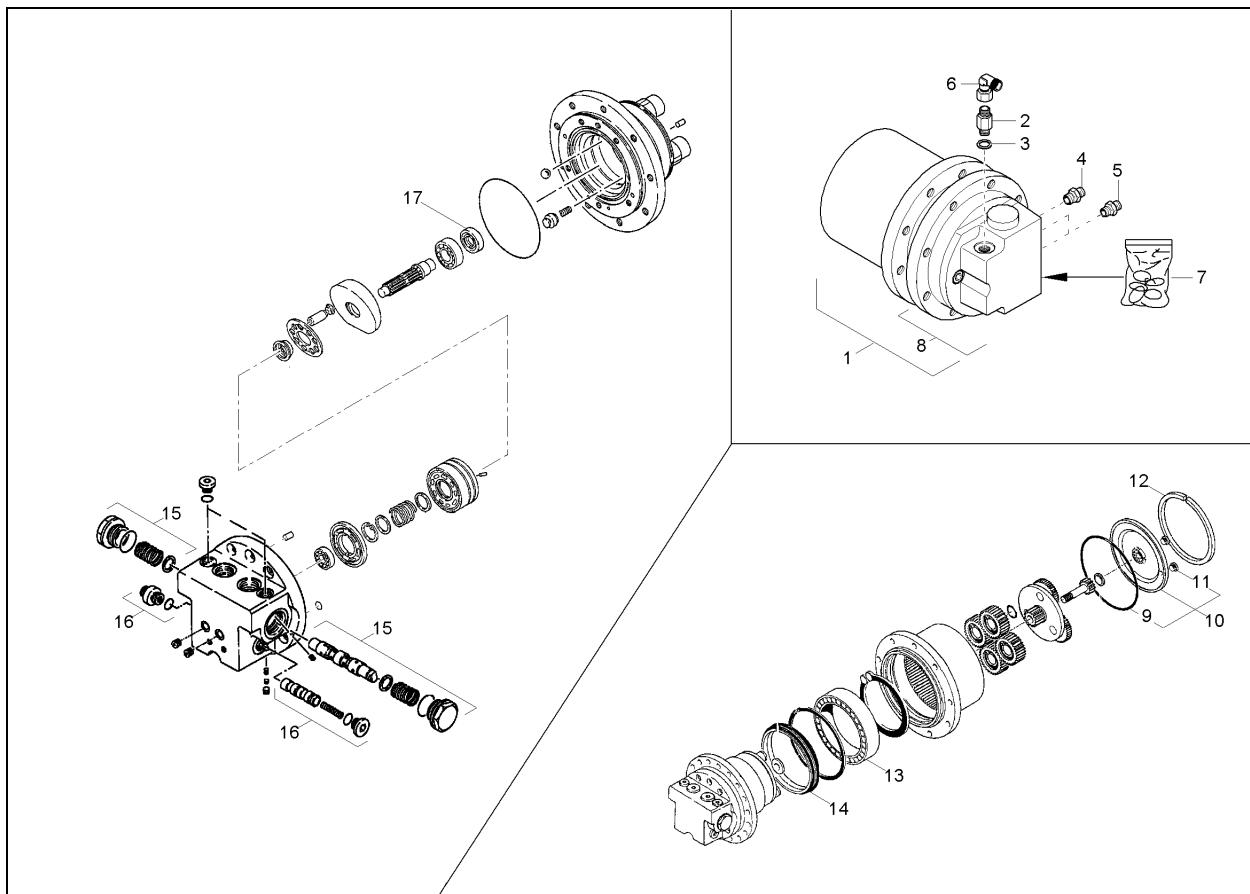
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 162968	HP HOSE	4	5 8004361G	HP HOSE	1
2 165839	HP HOSE	1	6 8004364G	HP HOSE	2
3 161288	HP HOSE	1	7 8004365G	HP HOSE	1
4 162407	HP HOSE	2	8 9710041G	HOSE PROTECTION	2

**153 - TRAVEL GEAR INSTALLATION**  
**1000132081 (SN AD00453 AND BEFORE)**



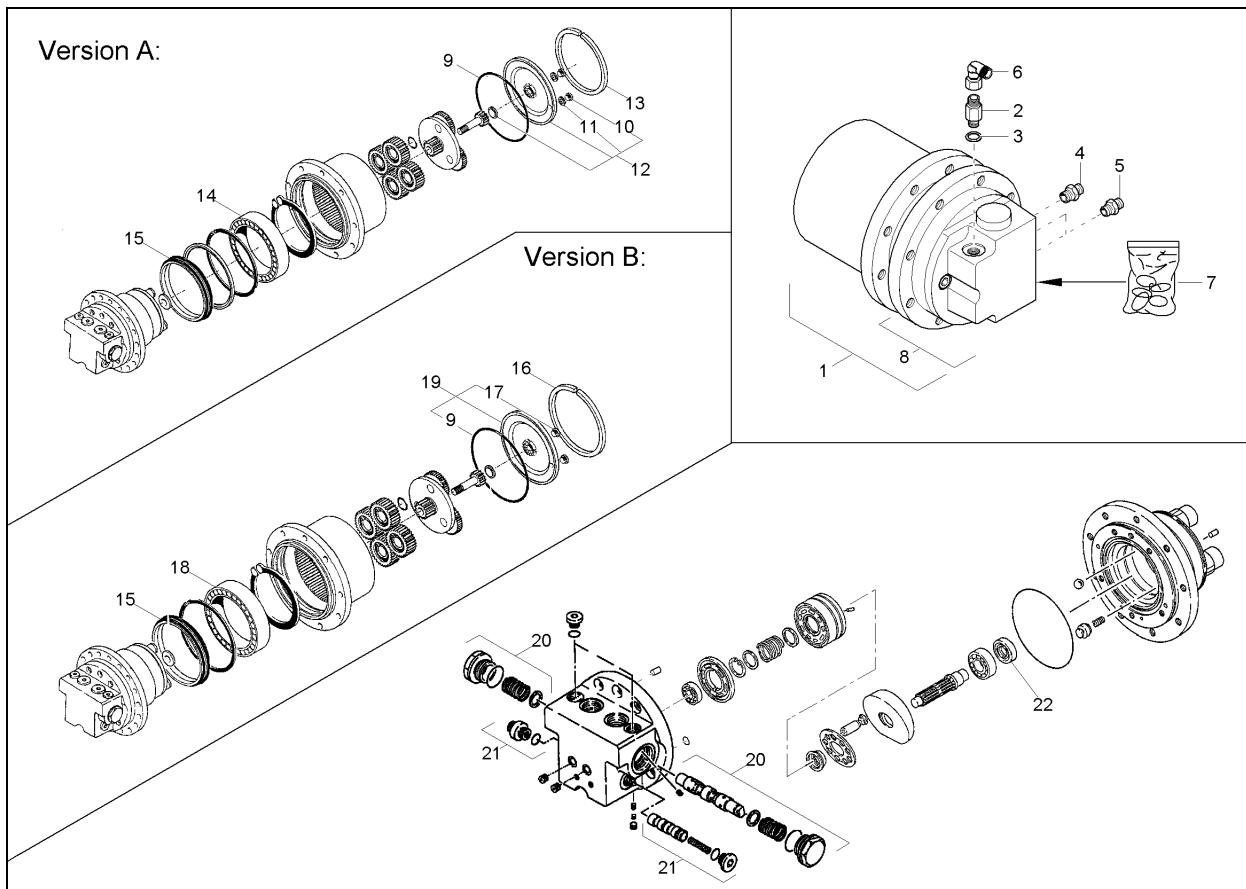
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162968	HP HOSE	4	5	8004361G	HP HOSE	1
2	165839	HP HOSE	1	6	8004364G	HP HOSE	2
3	161288	HP HOSE	1	7	8004348G	HP HOSE	1
4	162407	HP HOSE	2	8	9710041G	HOSE PROTECTION	2

**153 - DRIVE MOTOR**  
**1000148964 (SN AE00001 AND UP)**



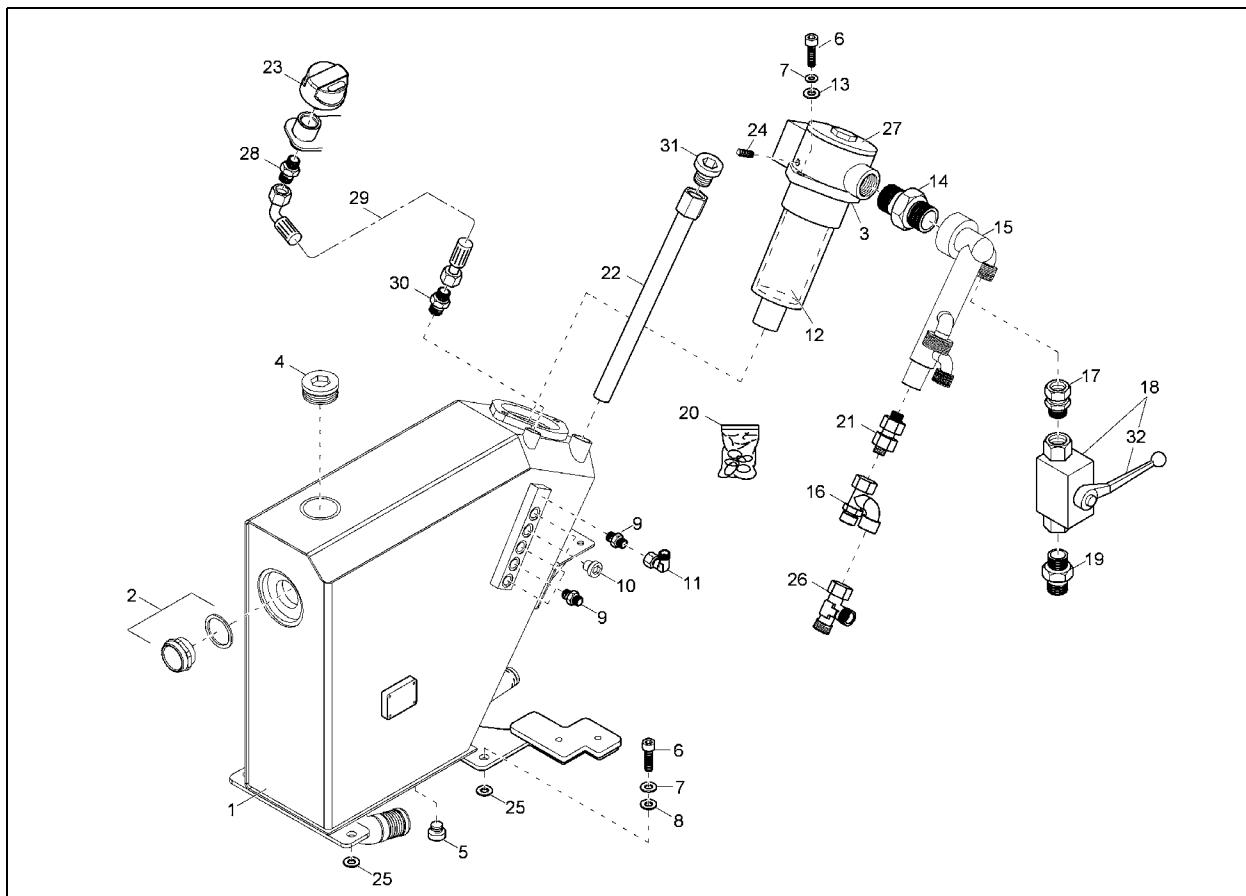
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	160591	DRIVE UNIT COMPLETE	2	10	161870	COVER	2
2	9910286G	SCREW JOINT	2	11	206337	PLUG	4
3	161574	O-RING	2	12	206338	LOCK RING	2
4	164945	SCREW JOINT	2	13	206339	BEARING DRIVE ASSY	2
5	165969	SCREW JOINT	4	14	206340	COVER	2
6	161443	90° FITTING	2	15	206341	VALVE SET	2
7	160606	SEAL KIT	2	16	206342	CONTROL PLUNGER	2
8	161869	HYDRAULIC MOTOR	2	17	204010	SEAL RING	2
9	179863	O-RING	2				

**153 - DRIVE MOTOR**  
**1000135941 (SN AD04191 AND BEFORE)**



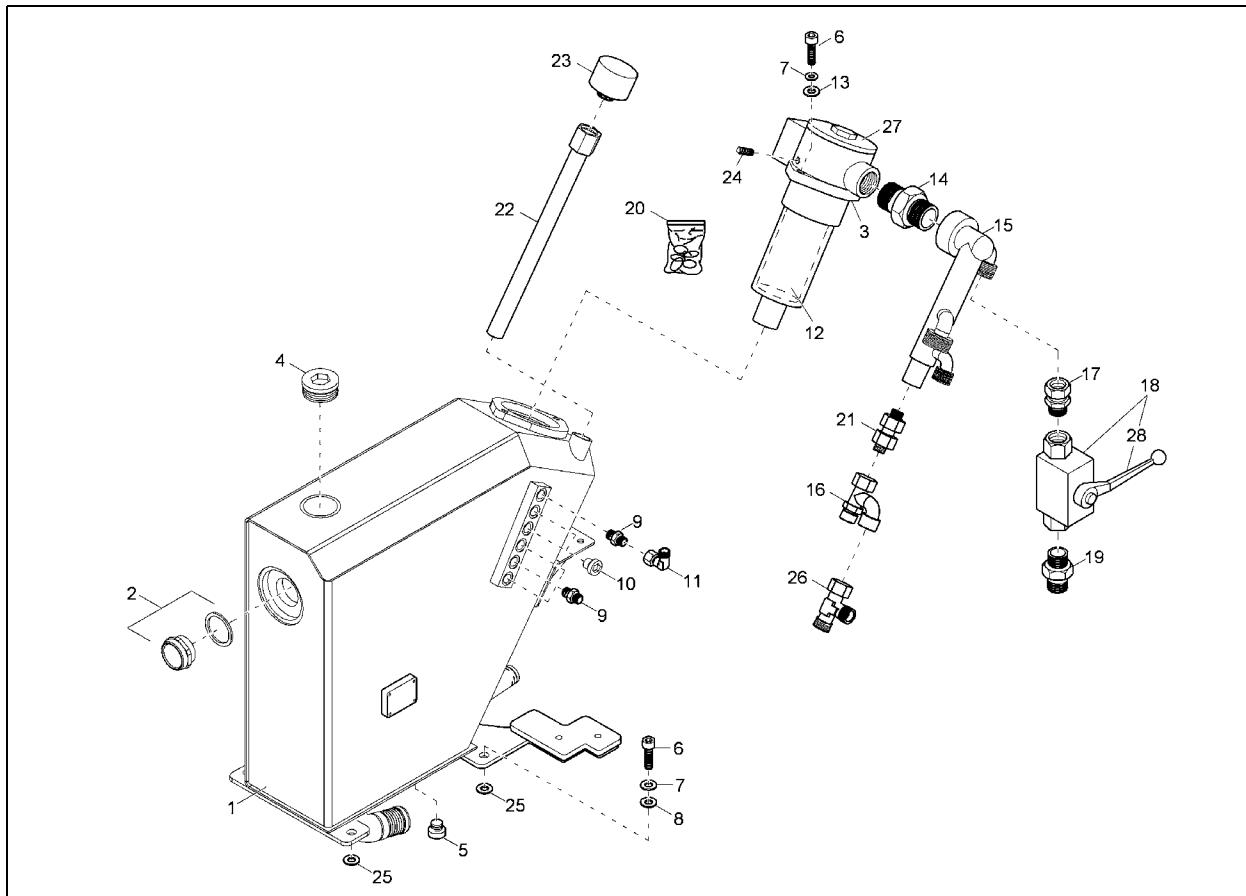
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160591	DRIVE UNIT COMPLETE	2	13	203982	LOCK RING	2
2	9910286G	SCREW JOINT	2	14	203983	BEARING DRIVE ASSY	2
3	161574	O-RING	2	15	160605	SEAL	2
4	164945	SCREW JOINT	2	16	206338	LOCK RING	2
5	165969	SCREW JOINT	4	17	206337	PLUG	4
6	161443	90° FITTING	2	18	206339	BEARING DRIVE ASSY	2
7	160606	SEAL KIT	2	19	206340	COVER	2
8	161869	HYDRAULIC MOTOR	2	20	206341	VALVE SET	2
9	179863	O-RING	2	21	206342	CONTROL PLUNGER	2
10	9909024G	SCREW	4	22	204010	SEAL RING	2
11	206098	SEAL RING	4				
12	161870	COVER	2				

**153 - HYDRAULIC TANK**  
**1000163419 (SN AF01067 AND UP)**



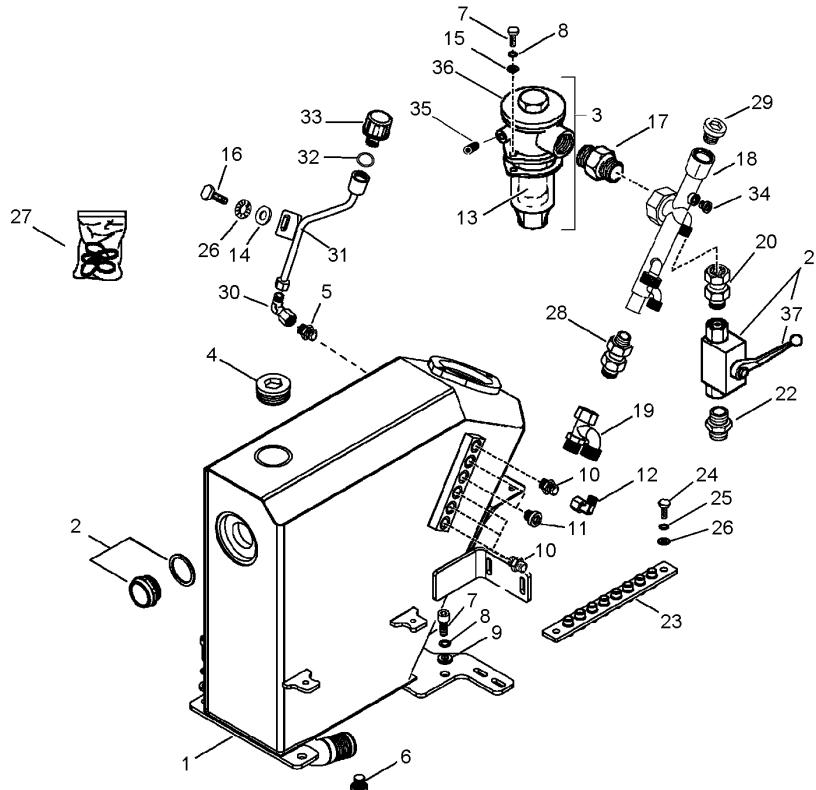
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206007	OIL TANK		1	19	161431	SCREW JOINT		1
2	1428450G	OIL LEVEL GLASS		1	20	165113	SEAL KIT/HY FILTER		1
3	165108	HYD OIL FILTER COMPLETE		1	21	9911064G	NON RETURN VALVE		1
4	9909013G	PLUG		1	22	178431	TUBE		1
5	161415	PLUG		1	23	1528425G	BREATHER		1
6	651475	SHCS M10-1.25X30 F8.8 ZY DIN912		6	24	163859	SCREW		1
7	161669	LOCKWASHER S10		6	25	161663	WASHER/GR A 10.5 ZO		2
8	163642	WASHER		4	26	162062	ELBOW		1
9	161426	SCREW JOINT		5	27	178268	COVER		1
10	161414	SCREW		1	28	204000	SCREW JOINT		1
11	161443	90° FITTING		1	29	204009	HP HOSE		1
12	165111	HYDRAULIC OIL FILTER ELEMENT		1	30	165960	SCREW JOINT		1
13	161640	WASHER/GR A 10.5		2	31	179799	HEXAGON HEAD SOCKET PIPE PLUG		1
14	161490	SCREW JOINT		1	32	204011	LEVER		1
15	178453	TUBE		1					
16	1428047G	DISTRIBUTION FITTING		1					
17	162495	SCREW JOINT		1					
18	206084	BALL VALVE		1					

**153 - HYDRAULIC TANK**  
**1000131307 (SN AD00454 - AF01066)**



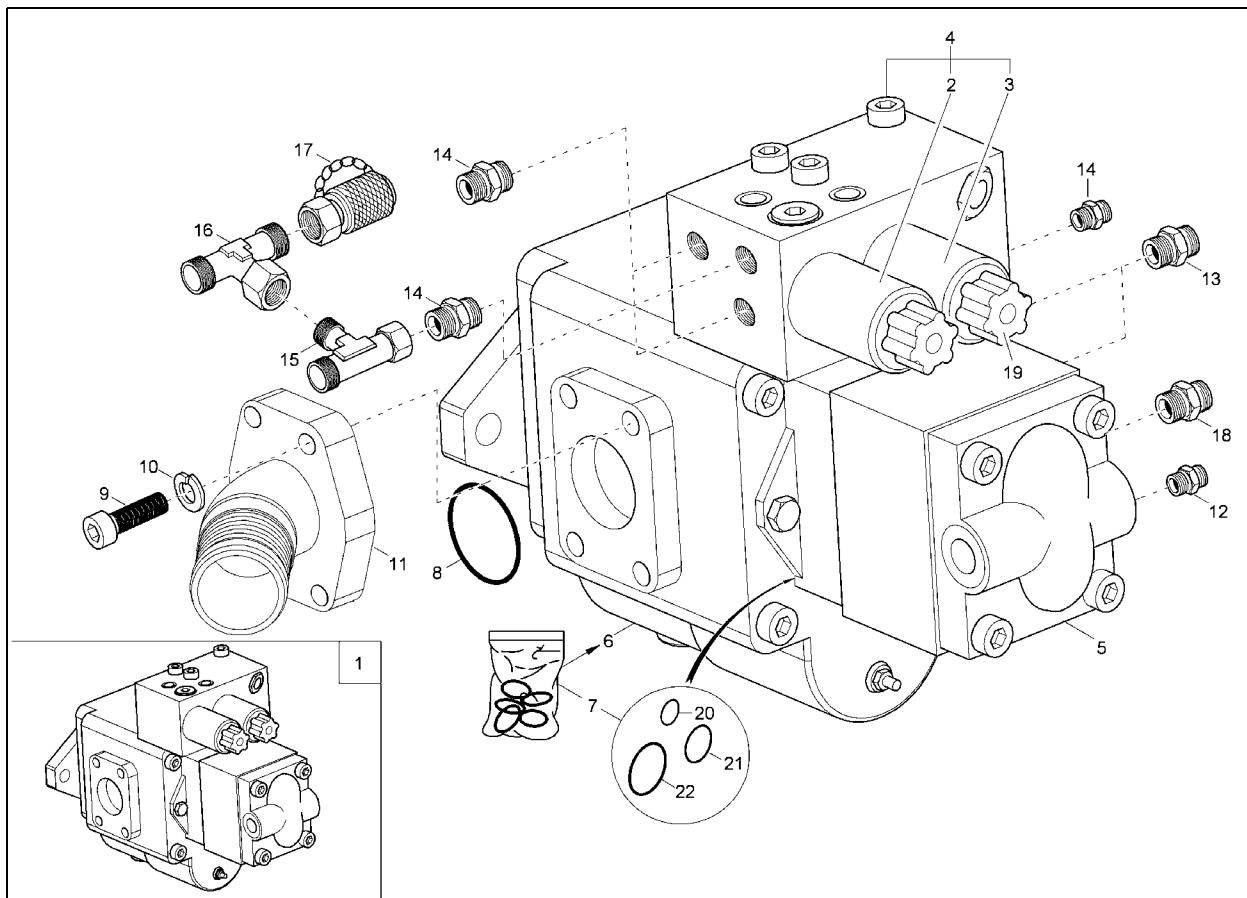
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178430	HYDRAULIC OIL TANK	1	16	1428047G	DISTRIBUTION FITTING	1
2	1428450G	OIL LEVEL GLASS	1	17	162495	SCREW JOINT	1
3	165108	HYD OIL FILTER COMPLETE	1	18	206084	BALL VALVE	1
4	9909013G	PLUG	1	19	161431	SCREW JOINT	1
5	161415	PLUG	1	20	165113	SEAL KIT/HYD FILTER	1
6	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	6	21	9911064G	NON RETURN VALVE	1
7	161669	LOCKWASHER S10	6	22	178431	TUBE	1
8	163642	WASHER	4	23	1528425G	BREATHER	1
9	161426	SCREW JOINT	5	24	163859	SCREW	1
10	161414	SCREW	1	25	161663	WASHER/GR A 10.5 ZO	2
11	161443	90° FITTING	1	26	162062	ELBOW	1
12	165111	HYDRAULIC OIL FILTER ELEMENT	1	27	178268	COVER	1
13	161640	WASHER/GR A 10.5	2	28	204011	LEVER	1
14	161490	SCREW JOINT	1				
15	178453	TUBE	1				

**153 - HYDRAULIC TANK**  
**1000131797 (SN AD00453 AND BEFORE)**



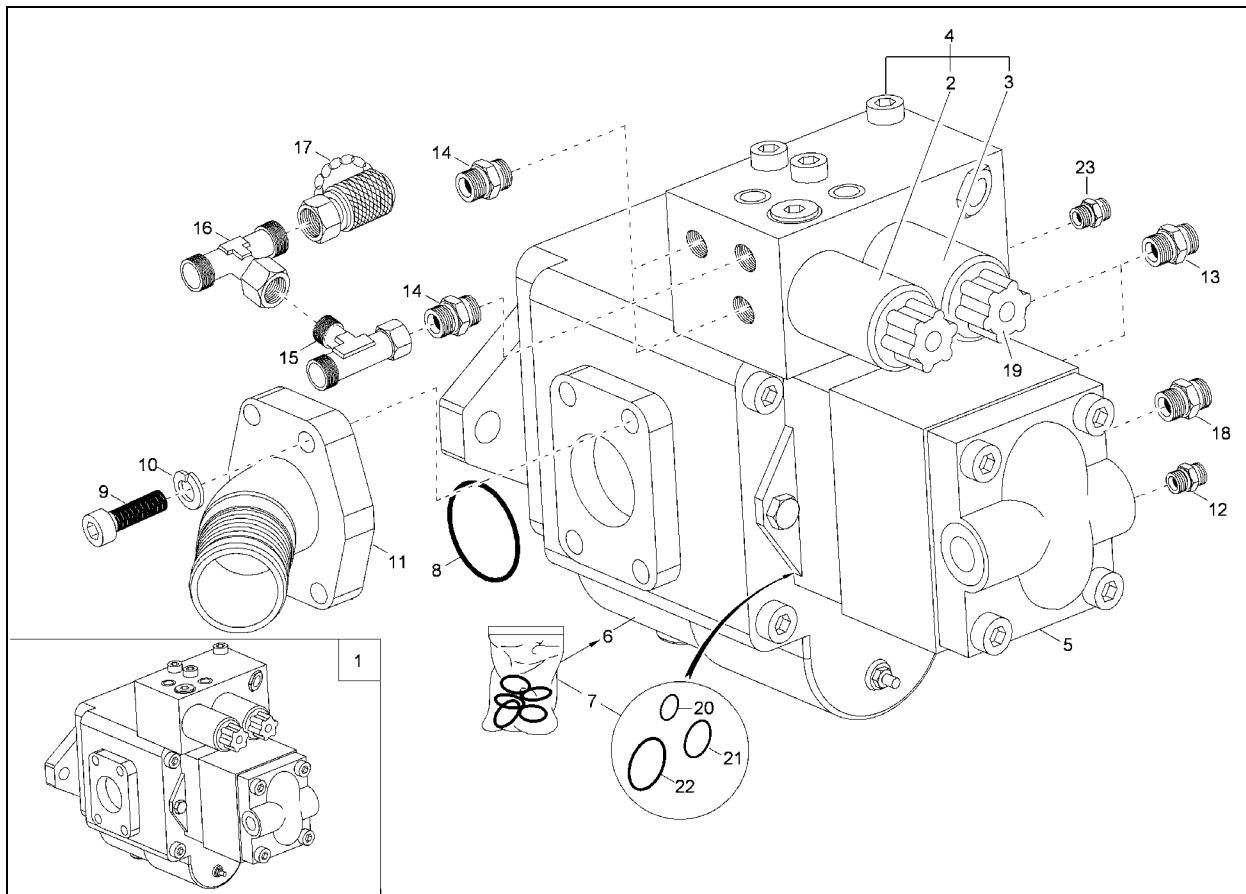
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1421110G	HYDRAULIC OIL TANK	1	22	161431	SCREW JOINT	1
2	1428450G	OIL LEVEL GLASS	1	23	1428048G	SHIELD	1
3	165108	HYD OIL FILTER COMPLETE	1	24	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
4	9909013G	PLUG	1	25	163670	LOCKWASHER	3
5	161429	SCREW JOINT 12L	1	26	163634	WASHER	2
6	161415	PLUG	1	27	165113	SEAL KIT/HYD FILTER	1
7	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	6	28	9911064G	NON RETURN VALVE	1
8	161669	LOCKWASHER S10	6	29	162929	SCREW	1
9	163642	WASHER	4	30	161445	90° FITTING	1
10	161426	SCREW JOINT	5	31	1528064G	TUBE	1
11	161414	SCREW	1	32	161579	SEAL (SN AC00984 AND BEFORE)	1
12	161443	90° FITTING	1	9917376G	O-RING (SN AC00985 AND UP)	1	
13	165111	HYDRAULIC OIL FILTER ELEMENT	1	33	1528425G	BREATHER (SN AC00985 AND UP)	1
14	7462680011	WASHER 8.4 ST A2C	1	160949	BREATHER (SN AC00984 AND BEFORE)	1	
15	161640	WASHER/GR A 10.5	2	34	9909024G	SCREW	1
16	177648	HEX SCREW	1	35	163859	SCREW	1
17	161490	SCREW JOINT	1	36	178268	COVER	1
18	1428045G	TUBE	1	37	204011	LEVER	1
19	1428047G	DISTRIBUTION FITTING	1				
20	162495	SCREW JOINT	1				
21	206084	BALL VALVE	1				

**153 - HYDRAULIC PUMP**  
**1000131321 (SN AD00454 AND UP)**



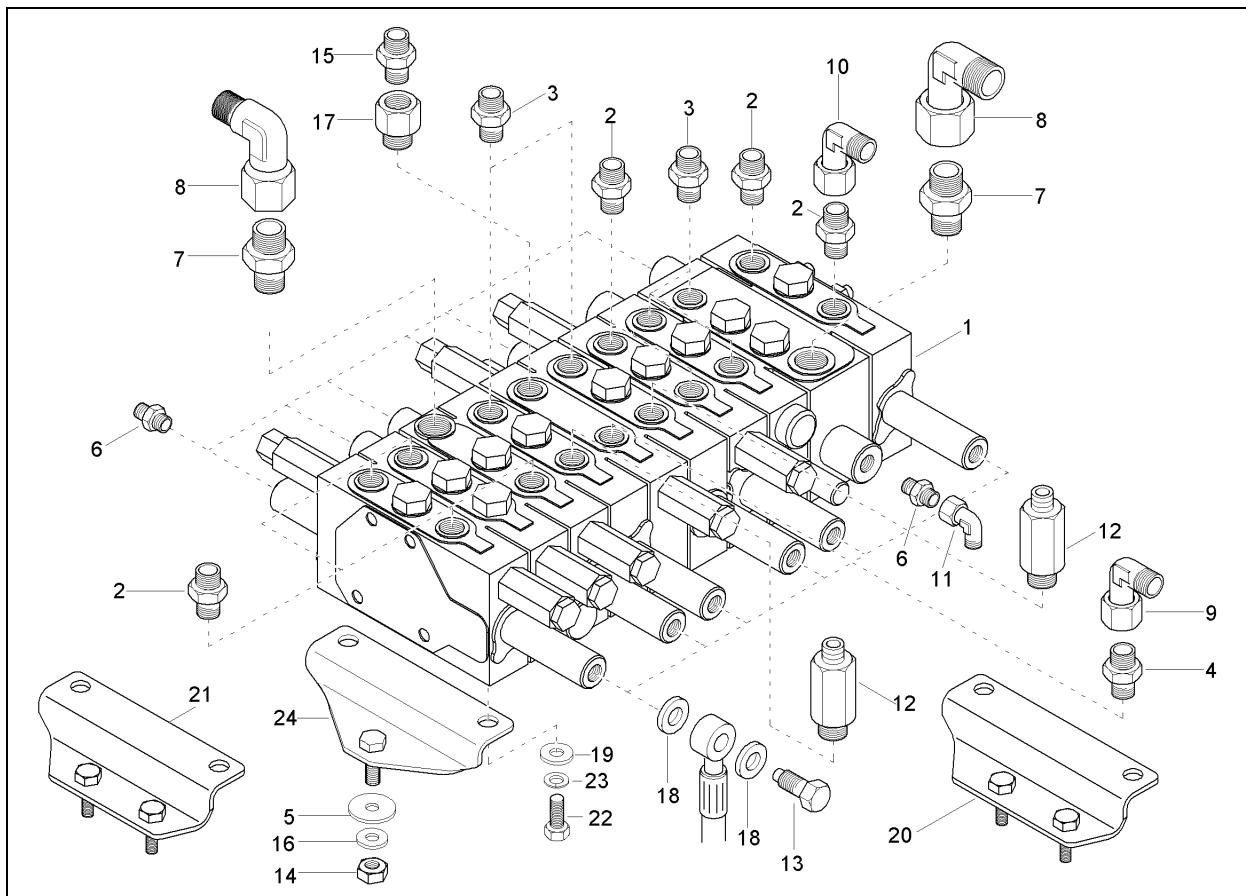
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178807	PUMP COMPLETE (INCLUDES 4, 5 AND 6)	1	13	165965	SCREW JOINT	2
2	1528406G	SOLENOID SWITCH	1	14	164945	SCREW JOINT	4
3	1528407G	SOLENOID SWITCH	1	15	161448	TEE	1
4	1528405G	PILOT OIL SUPPLY UNIT	1	16	161450	TEE	1
5	1528404G	GEAR PUMP	1	17	0003638466	TEST CONNECTION 8 L A3C	1
6	178808	VARIABLE PUMP	1	18	165971	SCREW JOINT	1
7	1529401G	SEAL KIT (VARIABLE PUMP)	1	19	178811	SCREW	2
8	161565	O-RING	1	20	179135	O-RING (FOR GEAR PUMP REPLACEMENT)	1
9	163344	SCREW	4	21	179873	O-RING (FOR GEAR PUMP REPLACEMENT)	1
10	161669	LOCKWASHER S10	4	22	178812	O-RING (6.8MM) (FOR GEAR PUMP REPLACEMENT)	1
11	1428200G	FLANGE	1				
12	165970	SCREW JOINT	1				

**153 - HYDRAULIC PUMP**  
**1000131946 (SN AD00453 AND BEFORE)**



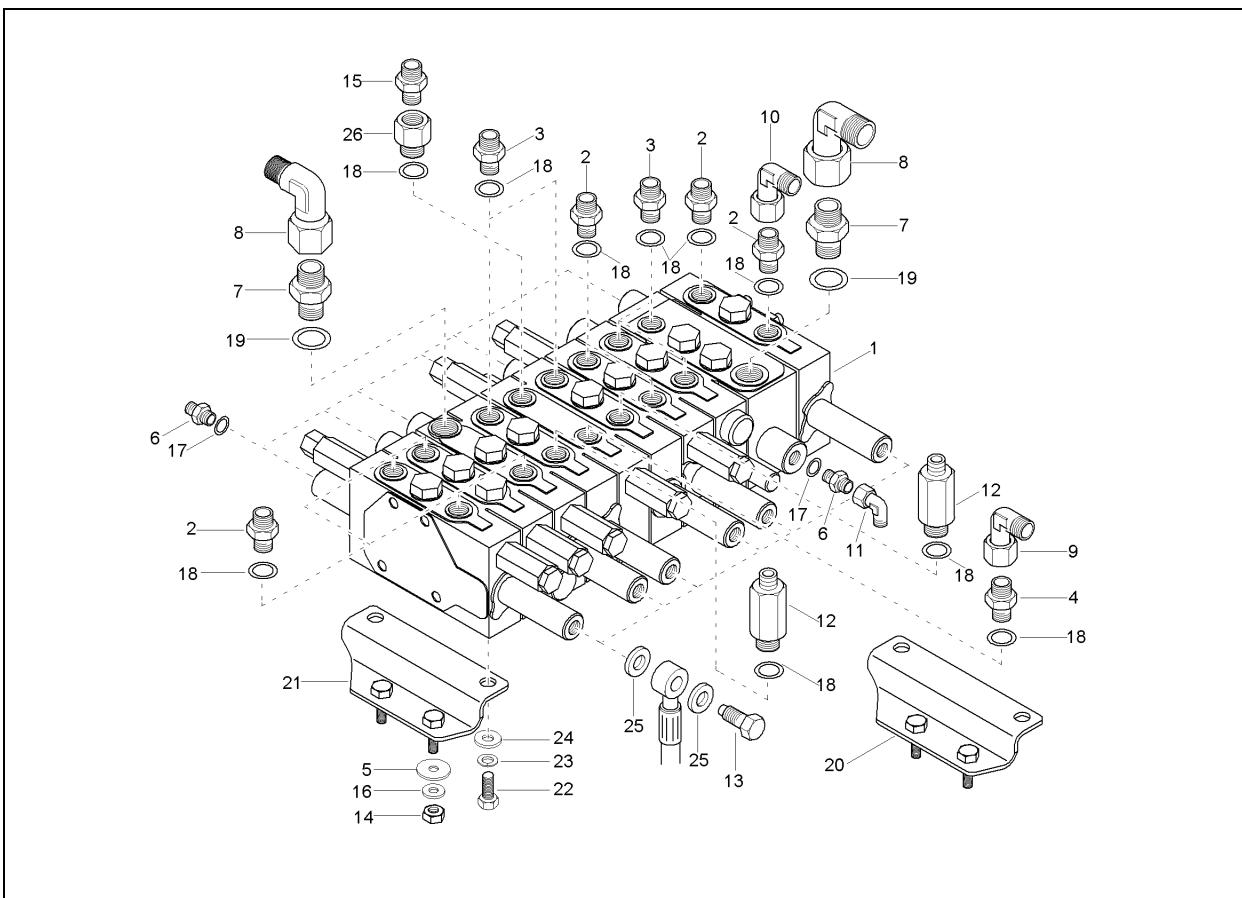
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178807	PUMP COMPLETE (INCLUDES 4, 5 AND 6)	1	14	164945	SCREW JOINT	3
2	1528406G	SOLENOID SWITCH	1	15	161448	TEE	1
3	1528407G	SOLENOID SWITCH	1	16	161450	TEE	1
4	1528405G	PILOT OIL SUPPLY UNIT	1	17	0003638466	TEST CONNECTION 8 L A3C	1
5	1528404G	GEAR PUMP	1	18	165971	SCREW JOINT	1
6	178808	VARIABLE PUMP	1	19	178811	SCREW	2
7	1529401G	SEAL KIT (VARIABLE PUMP)	1	20	179135	O-RING (FOR GEAR PUMP REPLACEMENT)	1
8	161565	O-RING	1	21	179873	O-RING (FOR GEAR PUMP REPLACEMENT)	1
9	163344	SCREW	4	22	178812	O-RING (6.8MM) (FOR GEAR PUMP REPLACEMENT)	1
10	161669	LOCKWASHER S10	4	23	164945	SCREW JOINT (SN AC00855 AND UP)	1
11	1428200G	FLANGE	1				
12	165970	SCREW JOINT	1				
13	165965	SCREW JOINT	2				

**153 - CONTROL VALVE 1**  
**1000131325/1000149060 (SN AD00454 AND UP)**

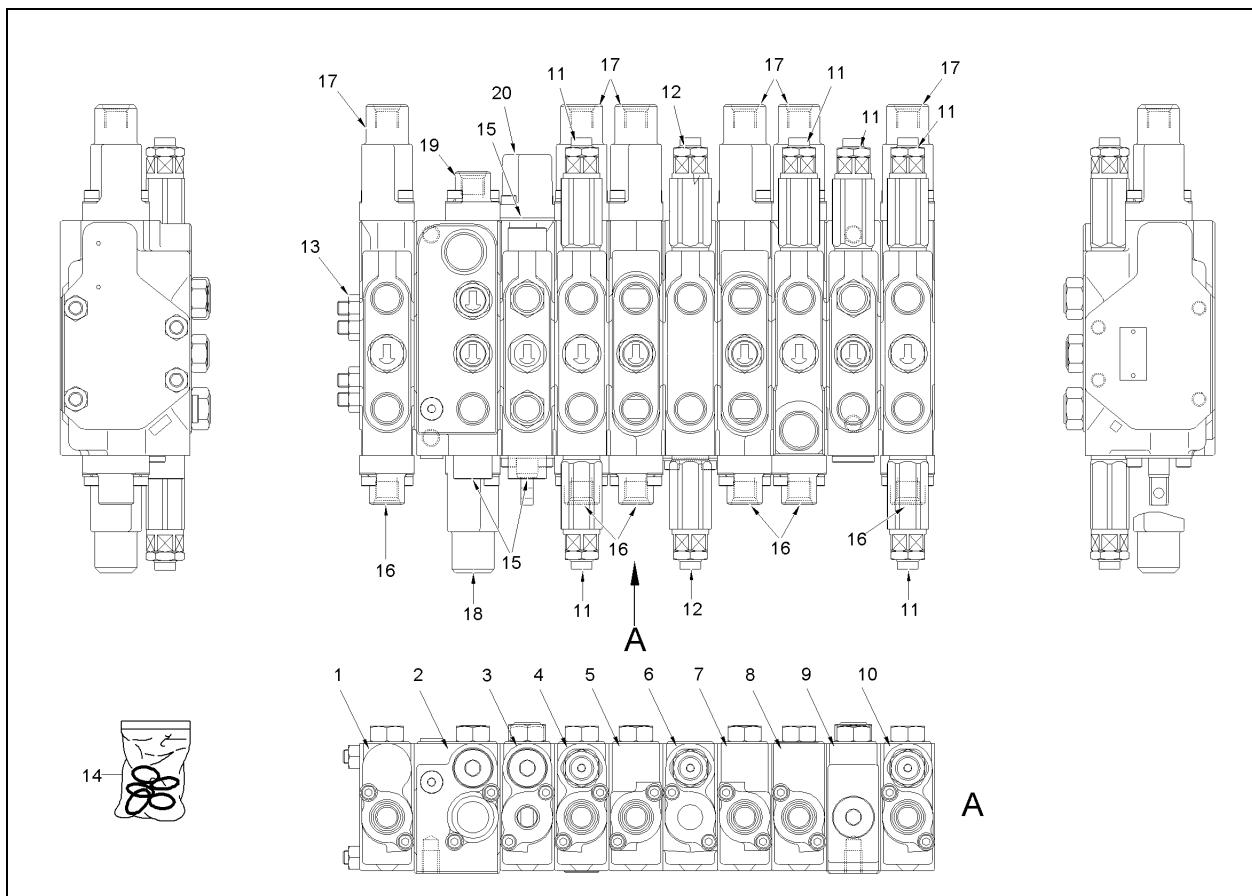


Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	178810	CONTROL VALVE	1	13	163124	SCREW	6
2	161428	SCREW JOINT 10L	8	14	651458	LN INS M8-1.25 C8 ZY DIN6924	3
3	165966	SCREW JOINT	5	15	161463	SCREW JOINT	1
4	165971	SCREW JOINT	1	16	163634	WASHER	3
5	204007	RUBBER WASHER (SN AE00001 AND UP)	3	17	160560	SCREW JOINT	1
	178967	CORK WASHER (SN AD04191 AND BEFORE)	3	18	179866	WASHER	12
6	164945	SCREW JOINT	7	19	161640	WASHER/GR A 10.5	3
7	179843	SCREW JOINT	2	20	1521202G	BRACKET	1
8	161447	90° FITTING	2	21	1521201G	BRACKET (SN AD02842 AND BEFORE)	1
9	161446	90° FITTING	1	22	656006	CS M10-1.5X20 C8.8 ZY DIN931	3
10	161444	90° FITTING	1	23	161669	LOCKWASHER S10	3
11	161443	90° FITTING	1	24	206343	BRACKET (SN AD02843 AND UP)	1
12	165505	SCREW JOINT	2				

**153 - CONTROL VALVE 1**  
**1000131947 (SN AD00453 AND BEFORE)**



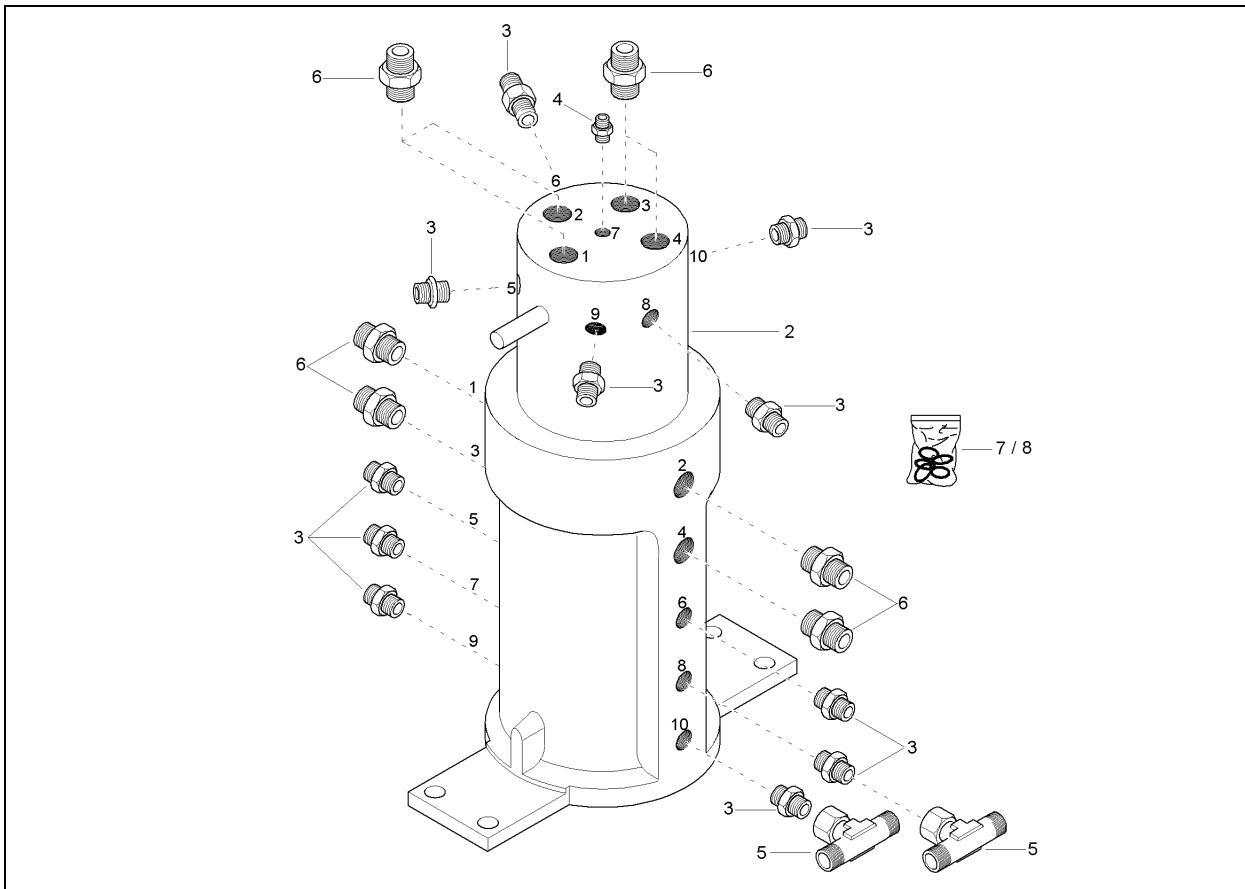
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178810	CONTROL VALVE	1	14	651458	LN INS M8-1.25 C8 ZY DIN6924	4
2	161428	SCREW JOINT 10L	8	15	161463	SCREW JOINT	1
3	165966	SCREW JOINT	5	16	163634	WASHER	4
4	165971	SCREW JOINT	1	17	161574	O-RING	7
5	178967	CORK WASHER	4	18	161590	O-RING	17
6	164945	SCREW JOINT	7	19	161585	O-RING	2
7	179843	SCREW JOINT	2	20	1521202G	BRACKET	1
8	161447	90° FITTING	2	21	1521201G	BRACKET	1
9	161446	90° FITTING	1	22	656006	CS M10-1.5X20 C8.8 ZY DIN931	3
10	161444	90° FITTING	1	23	161669	LOCKWASHER S10	3
11	161443	90° FITTING	1	24	161640	WASHER/GR A 10.5	3
12	165505	SCREW JOINT	2	25	179866	WASHER	12
13	163124	SCREW	6	26	160560	SCREW JOINT	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1528410G	SECTION (SWIVELLING)	1	11	1528420G	PRESSURE LIMITING VALVE	6
2	1528411G	SEGMENT (COUNTERBALANCING SYSTEM)	1	12	1528421G	PRESSURE LIMITING VALVE	2
3	1528412G	SEGMENT (AUX HYD / OFFSET)	1	13	1528422G	TIE ROD	4
4	1528413G	SEGMENT (DIPPER ARM)	1	14	1528423G	SEAL KIT	1
5	1528414G	SEGMENT LT (DRIVING LT)	1	15	1528440G	VENT PLUG	3
6	1528415G	INLET SECTION (INPUT)	1	16	178815	PILOT CONTROL CAP 1	6
7	1528416G	SEGMENT RT (DRIVING RT)	1	17	178816	PILOT CONTROL CAP 2	6
8	1528417G	SEGMENT (BOOM 1)	1	18	178817	CAP	1
9	1528418G	SEGMENT (BOOM 2)	1	19	178818	CAP	1
10	1528419G	SEGMENT (BUCKET)	1	20	178819	CAP	1

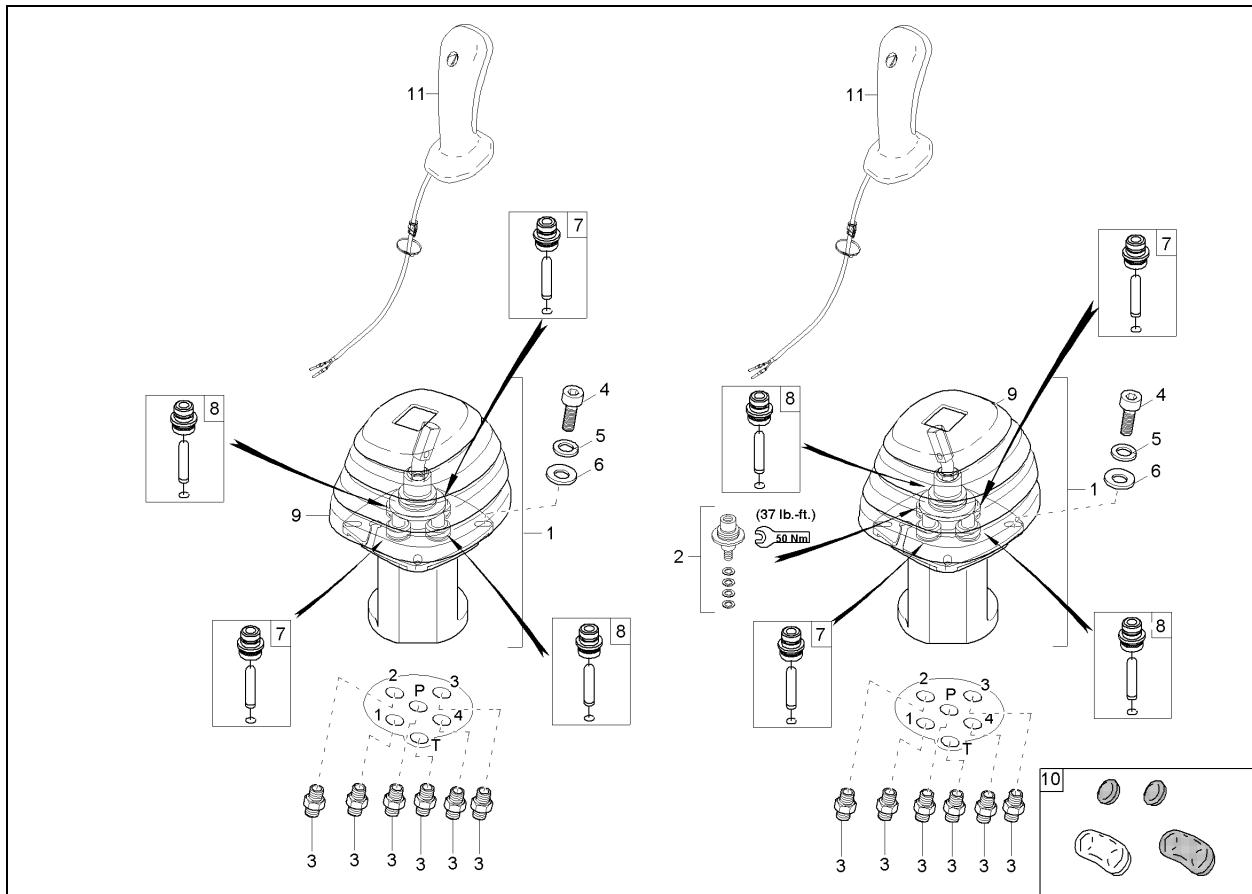
# 153 - SWIVEL JOINT

1000149061/1000131329/1000131949



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	161920	SWIVEL JOINT	1	7	178128	KIT/SWIVEL JOINT SEAL COMPLETE (SN AD03396 AND BEFORE)	1
3	161426	SCREW JOINT	11	8	203997	KIT/SWIVEL JOINT SEAL COMPLETE (SN AD03397 AND UP)	1
4	161458	SCREW JOINT	1				
5	161450	TEE	2				
6	161429	SCREW JOINT 12L	8				

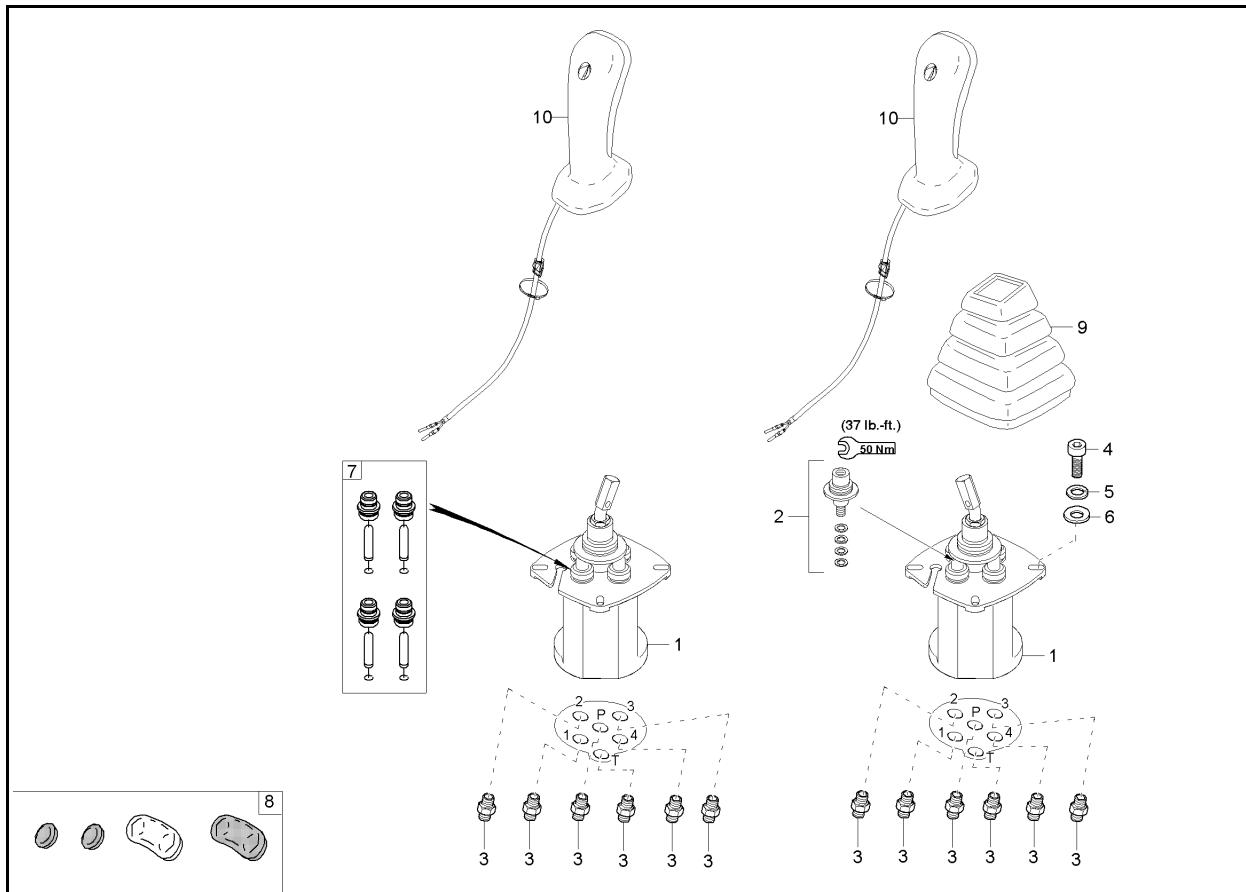
153 - JOYSTICK  
1000161738 (SN AF00798 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205869	VALVE	2	7	205999	PLUNGER KIT	2
2	165037	UNIVERSAL JOINT	2	8	205998	PLUNGER KIT	2
3	161426	SCREW JOINT	12	9	206002	BELLOW	2
4	651507	SHCS M6-1X20 C8.8 ZY DIN912	8	10	177652	RUBBER CAP	2
5	161675	LOCKWASHER S6	8	11	165039	JOYSTICK	2
6	161660	WASHER GR A6.4 ZO DIN 125	8				

# 153 - JOYSTICK

1000161737 (SN AE00001 - AF00797)



Ref.

No. Part No.

Description

Qty.

Ref.

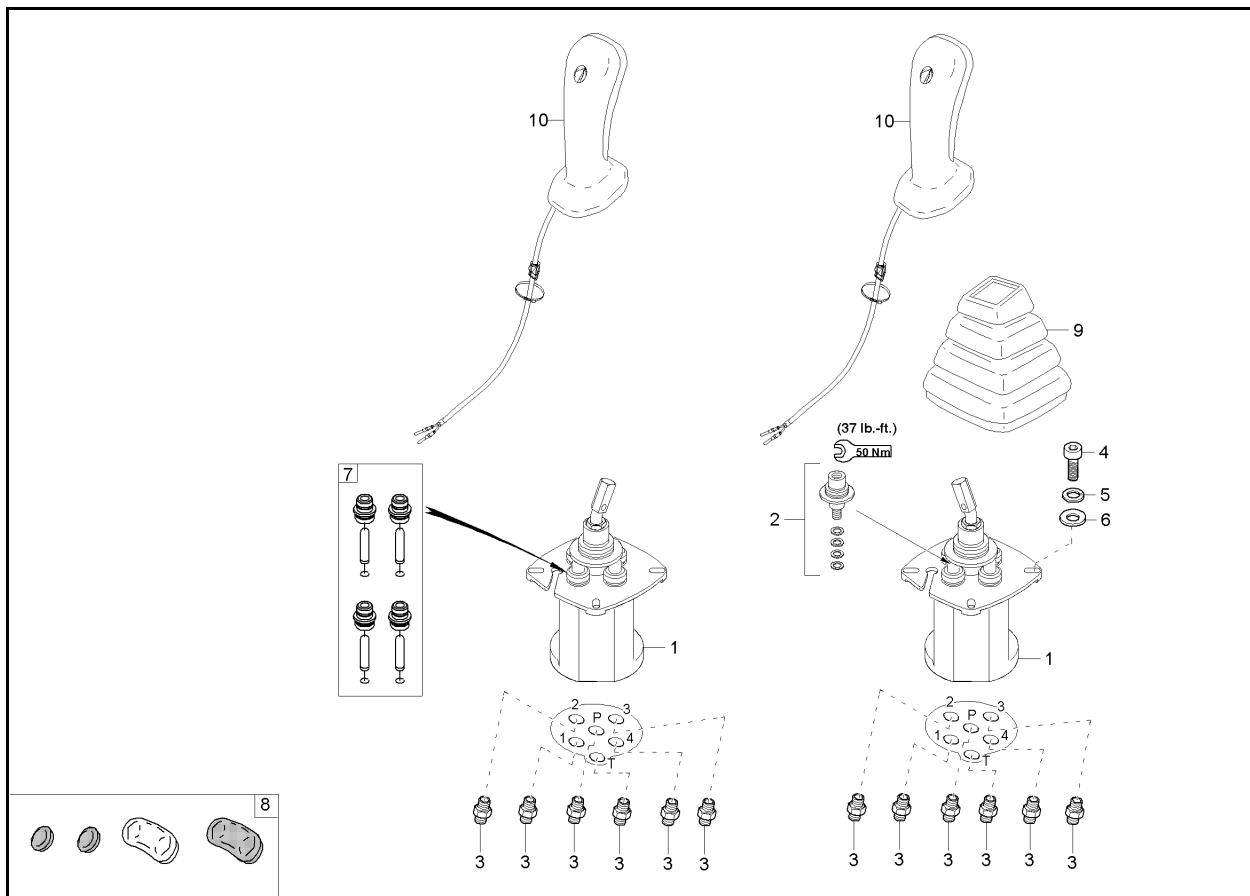
No. Part No.

Description

Qty.

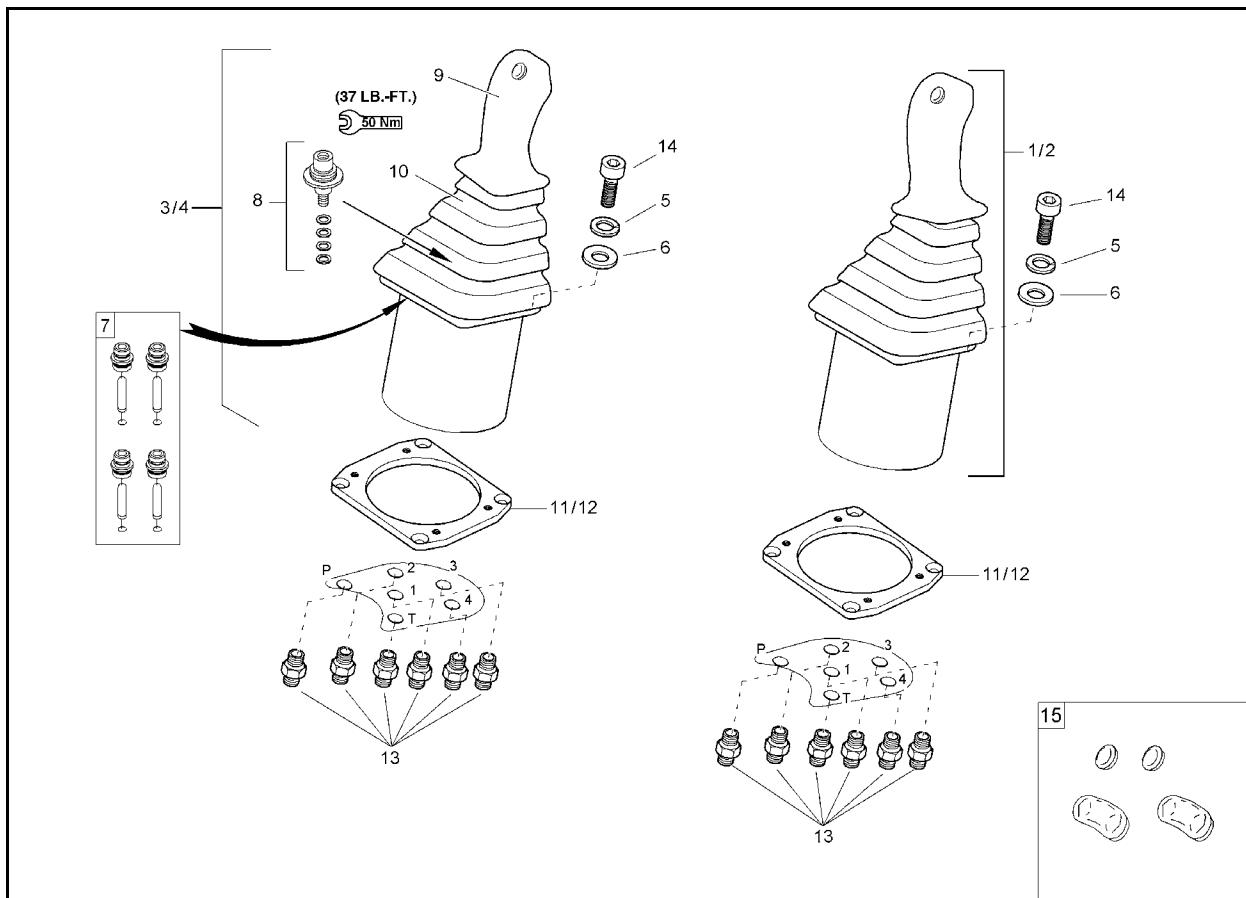
1 205531	VALVE	2	6 161660	WASHER GR A6.4 ZO DIN 125	8
2 165037	UNIVERSAL JOINT	2	7 165040	PILOT VALVE SEAL KIT	2
3 161426	SCREW JOINT	12	8 177652	RUBBER CAP	2
4 651507	SHCS M6-1X20 C8.8 ZY DIN912	8	9 165038	BELLOWS	2
5 161675	LOCKWASHER S6	8	10 165039	JOYSTICK	2

**153 - JOYSTICK**  
**1000131617 (SN AD00454 - AD04191)**



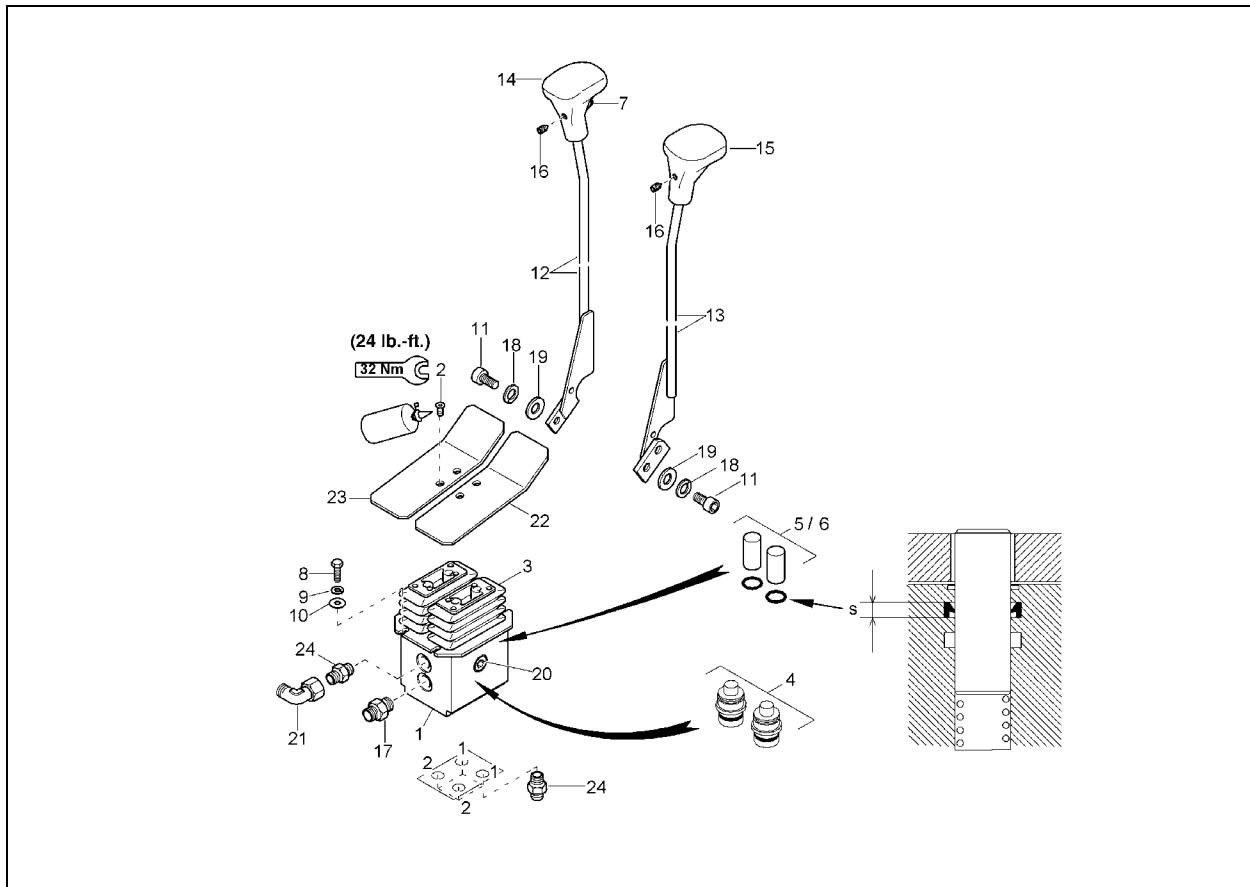
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178770	JOYSTICK RT COMPLETE	1	7	165040	PILOT VALVE SEAL KIT	2
2	178769	JOYSTICK LT COMPLETE	1	8	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	12	9	165039	JOYSTICK	2
4	651508	SHCS M6-1X25 C8.8 ZY DIN912	8	10	165038	BELLOWS	2
5	161675	LOCKWASHER S6	8	11	178874	PLATE	2
6	161660	WASHER GR A6.4 ZO DIN 125	8	12	177652	RUBBER CAP	2

**153 - JOYSTICK**  
**1000131808 (SN AD00453 AND BEFORE)**



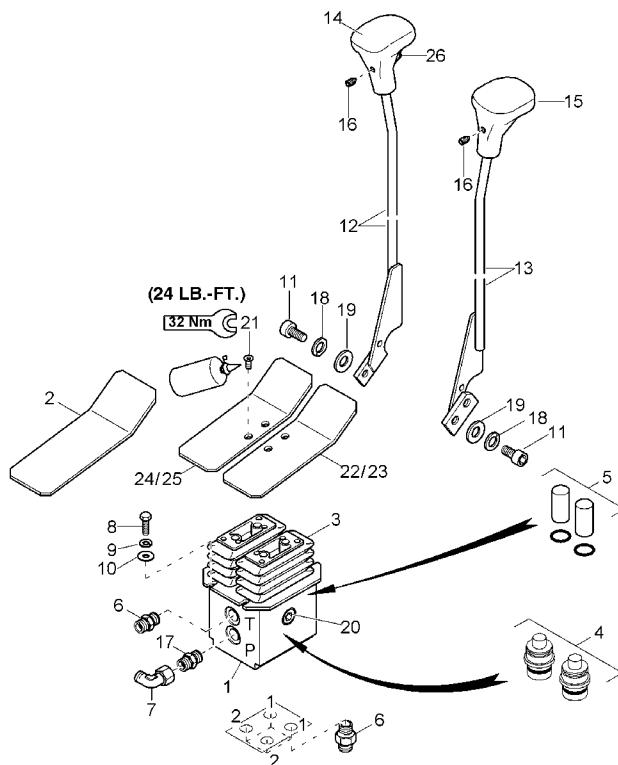
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160762	RT JOYSTICK (SN AC02130 AND BEFORE)	1	8	165037	UNIVERSAL JOINT	2
2	178770	JOYSTICK RT COMPLETE (SN AC02131 AND UP)	1	9	165039	JOYSTICK	2
3	160761	JOYSTICK COMPLETE LT (SN AC02130 AND BEFORE)	1	10	165038	BELLOWS	2
4	178769	JOYSTICK LT COMPLETE (SN AC02131 AND UP)	1	11	165825	PLATE (SN AC01875 AND BEFORE)	2
5	161675	LOCKWASHER S6	8	12	178874	PLATE (SN AC01876 AND UP)	2
6	161660	WASHER GR A6.4 ZO DIN 125	8	13	161426	SCREW JOINT	12
7	165040	PILOT VALVE SEAL KIT	2	14	651508	SHCS M6-1X25 C8.8 ZY DIN912	8
				15	177652	RUBBER CAP	2

**153 - PILOT VALVE, TRAVEL**  
**1000131337/1000135943 (SN AD00454 AND UP)**



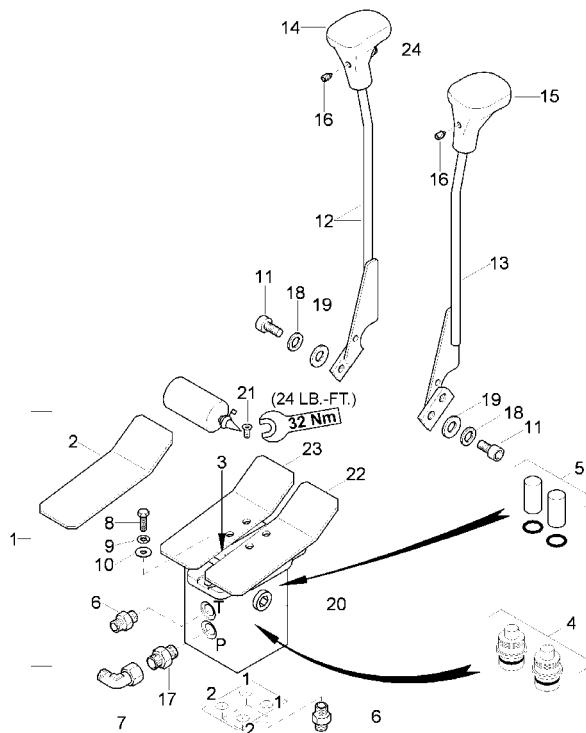
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	178947	TRAVEL PILOT VALVE COMPLETE	1	15	161764	KNOB	1	
2	179775	SCREW	4	16	162027	SET SCREW	2	
3	165522	BELLOWS	1	17	164535	PILOT CONTROL RESTRICTOR	1	
4	165521	PLUNGER KITS	2	18	161669	LOCKWASHER S10	4	
5	165520	PLUNGERS/4.8MM SEALS*	2	19	161640	WASHER/GR A 10.5	4	
6	201838	PLUNGERS/3.7MM SEALS*	2	20	165514	SCREW	1	
7	161363	SWITCH	1	21	161443	90° FITTING	1	
8	177648	HEX SCREW	4	22	178764	TRAVEL PEDAL RT	1	
9	163670	LOCKWASHER	4	23	178763	TRAVEL PEDAL LT	1	
10	163634	WASHER	4	24	161426	SCREW JOINT	6	
11	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	4	* Machines SN AD00454 - AD04191 supplied with 4.8 mm seals.				
12	1423029G	TRAVEL LEVER LT	1	* Machines SN AE00001 AND UP may be supplied with either 4.8 mm or 3.7 mm seals. Measure old seal to confirm size.				
13	1423030G	TRAVEL LEVER RT	1					
14	160658	KNOB W/RED SWITCH	1					

**153 - PILOT VALVE, TRAVEL**  
**1000139367 (SN AC01499 - AD00453)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	178947	TRAVEL PILOT VALVE COMPLETE	1	17	164535	PILOT CONTROL RESTRICTOR	1	
2	165523	RUBBER (SN AC01728 AND BEFORE)	2	18	161669	LOCKWASHER S10	4	
3	165522	BELLOWS	1	19	161640	WASHER/GR A 10.5	4	
4	165521	PLUNGER KITS	2	20	165514	SCREW	1	
5	165520	PLUNGERS/4.8MM SEALS	2	21	179775	SCREW	4	
6	161426	SCREW JOINT	6	22	178563	KIT/PEDAL PLATE (SN AC01728 AND BEFORE) *	1	
7	161443	90° FITTING	1	23	178764	TRAVEL PEDAL RT (SN AC01729 AND UP)	1	
8	177648	HEX SCREW	4	24	178563	KIT/PEDAL PLATE (SN AC01728 AND BEFORE) *	1	
9	163670	LOCKWASHER	4	25	178763	TRAVEL PEDAL LT (SN AC01729 AND UP)	1	
10	163634	WASHER	4	26	161363	SWITCH	1	
11	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	4	* Kit includes (1) RT and (1) LT pedal.				
12	1423029G	TRAVEL LEVER LT	1					
13	1423030G	TRAVEL LEVER RT	1					
14	160658	KNOB W/RED SWITCH	1					
15	161764	KNOB	1					
16	162027	SET SCREW	2					

**153 - PILOT VALVE, TRAVEL**  
**1000139366 (SN AC01498 AND BEFORE)**

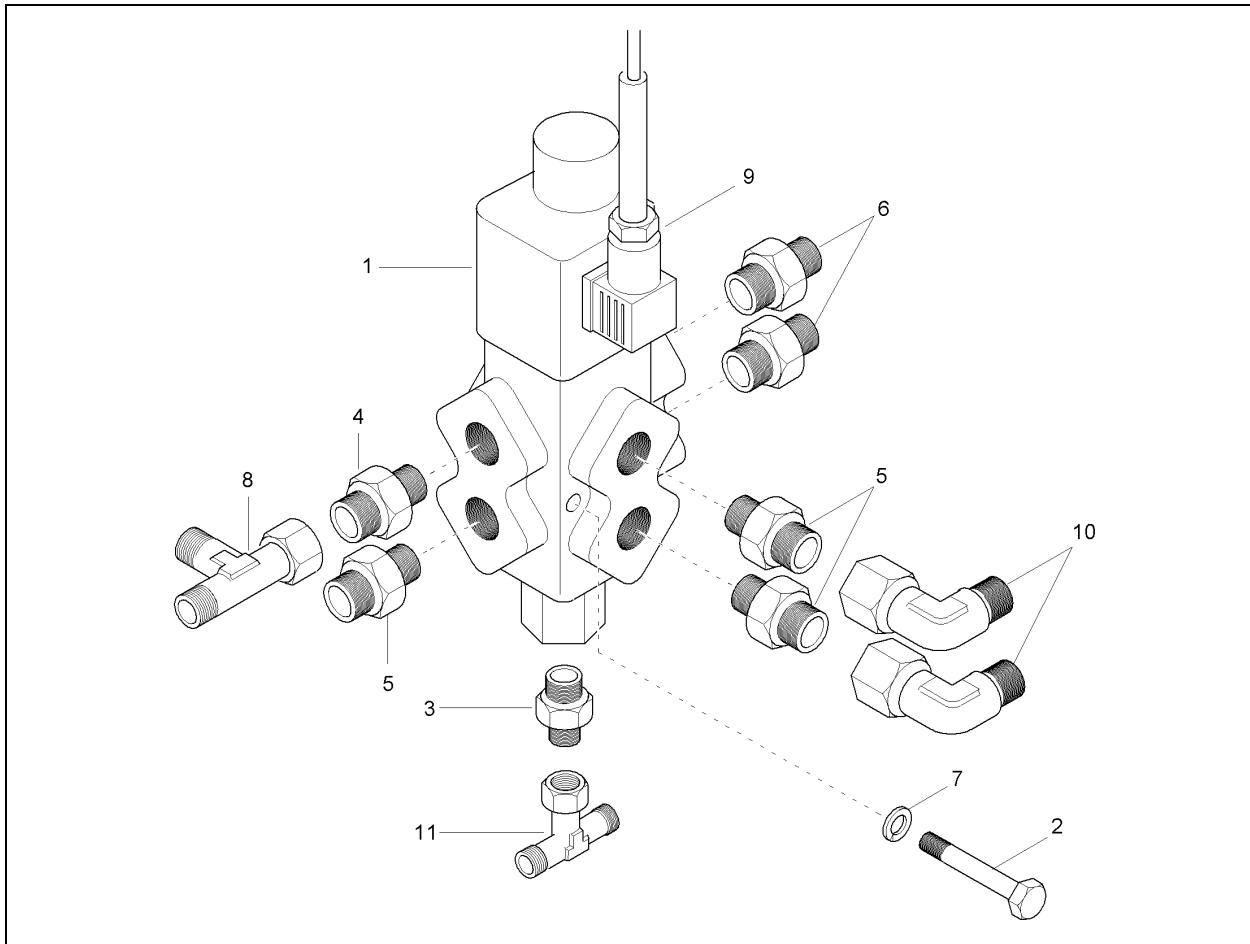


Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178947		TRAVEL PILOT VALVE COMPLETE	1	15	161764	KNOB		1
2	165523		RUBBER	2	16	162027	SET SCREW		2
3	165522		BELLOWS	1	17	164535	PILOT CONTROL RESTRICTOR		1
4	165521		PLUNGER KITS	2	18	161669	LOCKWASHER S10		4
5	165520		PLUNGERS/4.8MM SEALS	2	19	161640	WASHER/GR A 10.5		4
6	161426		SCREW JOINT	6	20	165514	SCREW		1
7	161443		90° FITTING	6	21	162041	SCREW (SN AC01033 AND UP)		4
8	177648		HEX SCREW	4	22	178563	KIT/PEDAL PLATE (SN AC01033 AND UP) *		1
9	163670		LOCKWASHER	4	23	178563	KIT/PEDAL PLATE (SN AC01033 AND UP) *		1
10	163634		WASHER	4	24	161363	SWITCH		1
11	651472		SHCS M10-1.25X20 F8.8 ZY DIN912	4					
12	1423029G		TRAVEL LEVER LT	1					
13	1423030G		TRAVEL LEVER RT	1					
14	160658		KNOB W/RED SWITCH	1					

\* Kit includes (1) RT and (1) LT pedal.

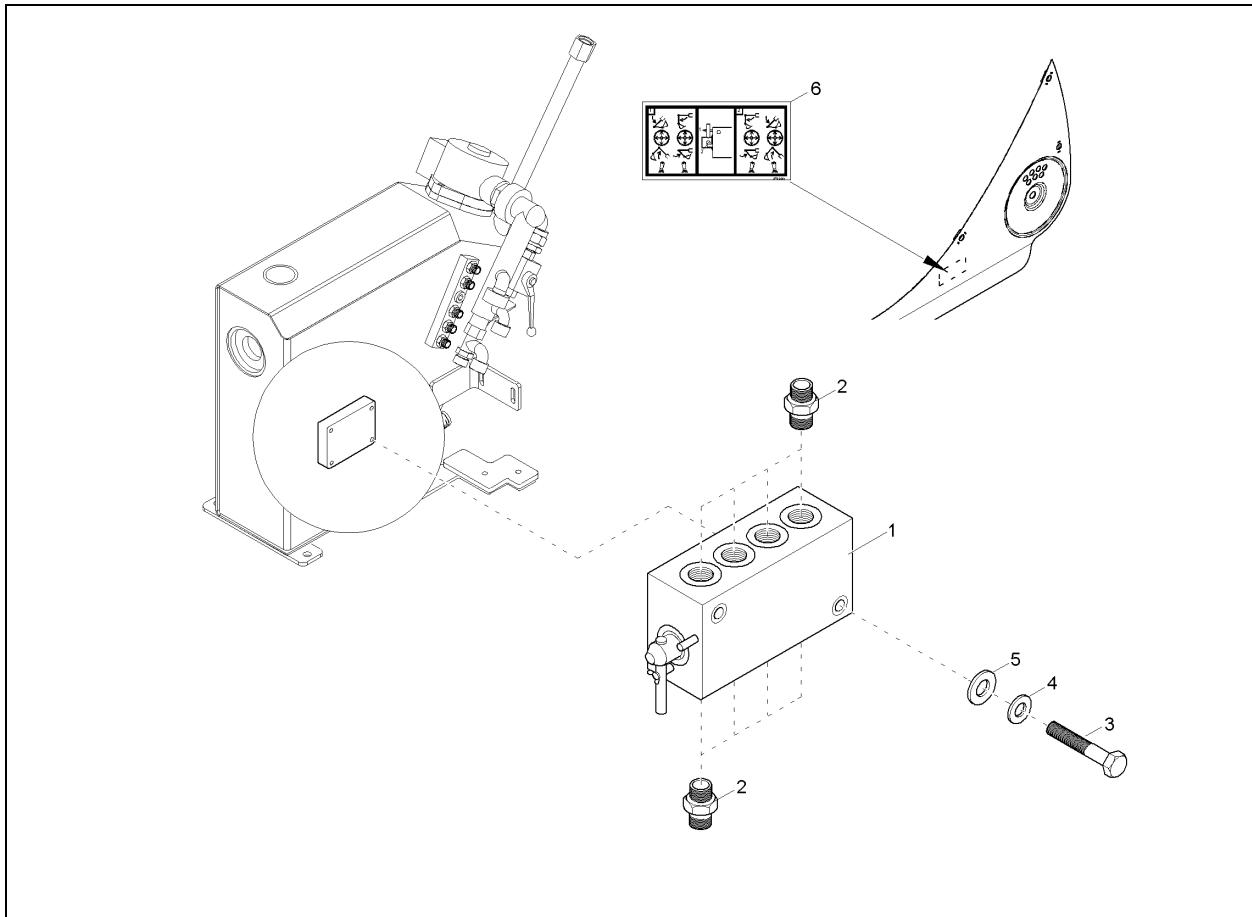
# 153 - REVERSING VALVE

1000135942/1000139364



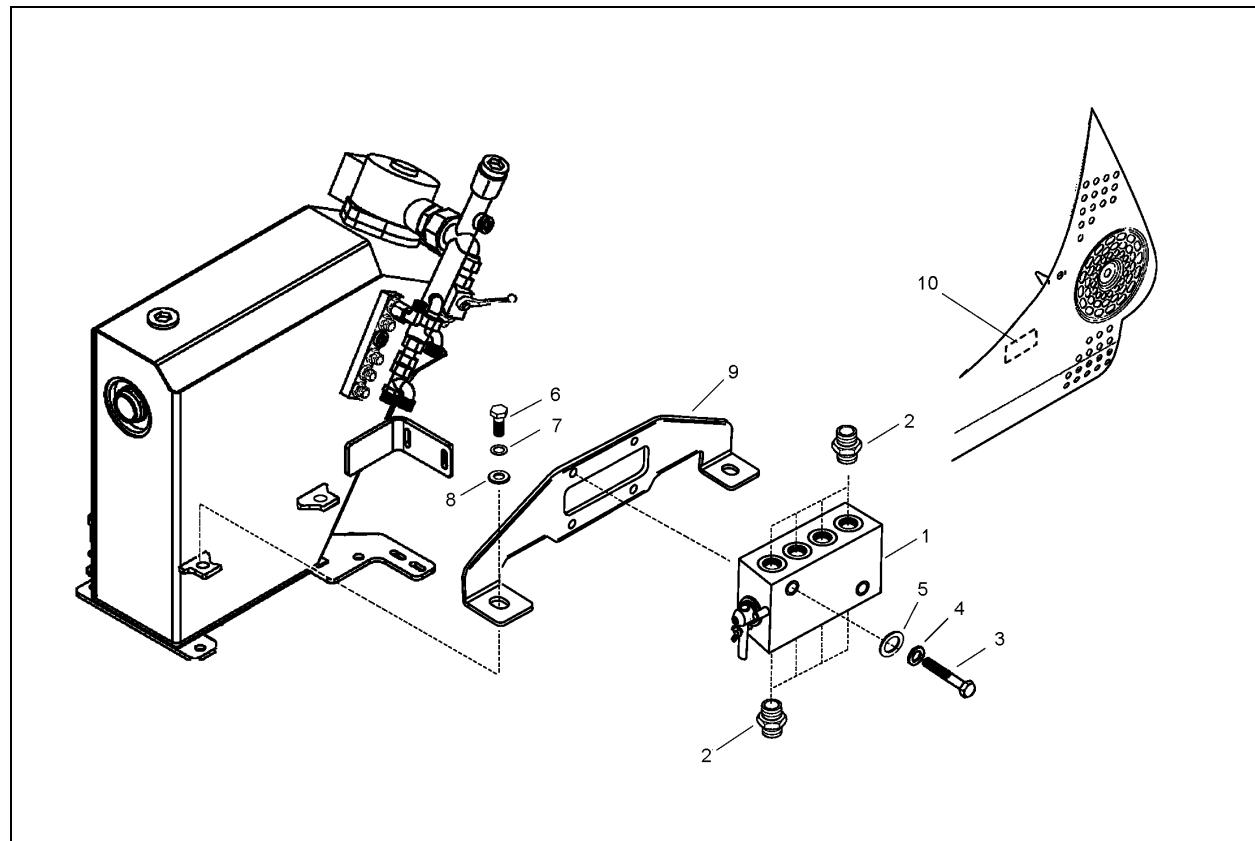
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	160568		VALVE/SELECTION	1	7	161675		LOCKWASHER S6	2
2	651428		CS M6-1X50 C8.8 ZY DIN931	2	8	161471		TEE	1
3	161426		SCREW JOINT	1	9	160438		PLUG	1
4	161463		SCREW JOINT	1	10	161446		90° FITTING	2
5	161429		SCREW JOINT 12L	3	11	161450		TEE	1
6	161427		SCREW JOINT	2					

**153 - ISO/SAE VALVE**  
**1000131333 (SN AD00454 AND UP)**



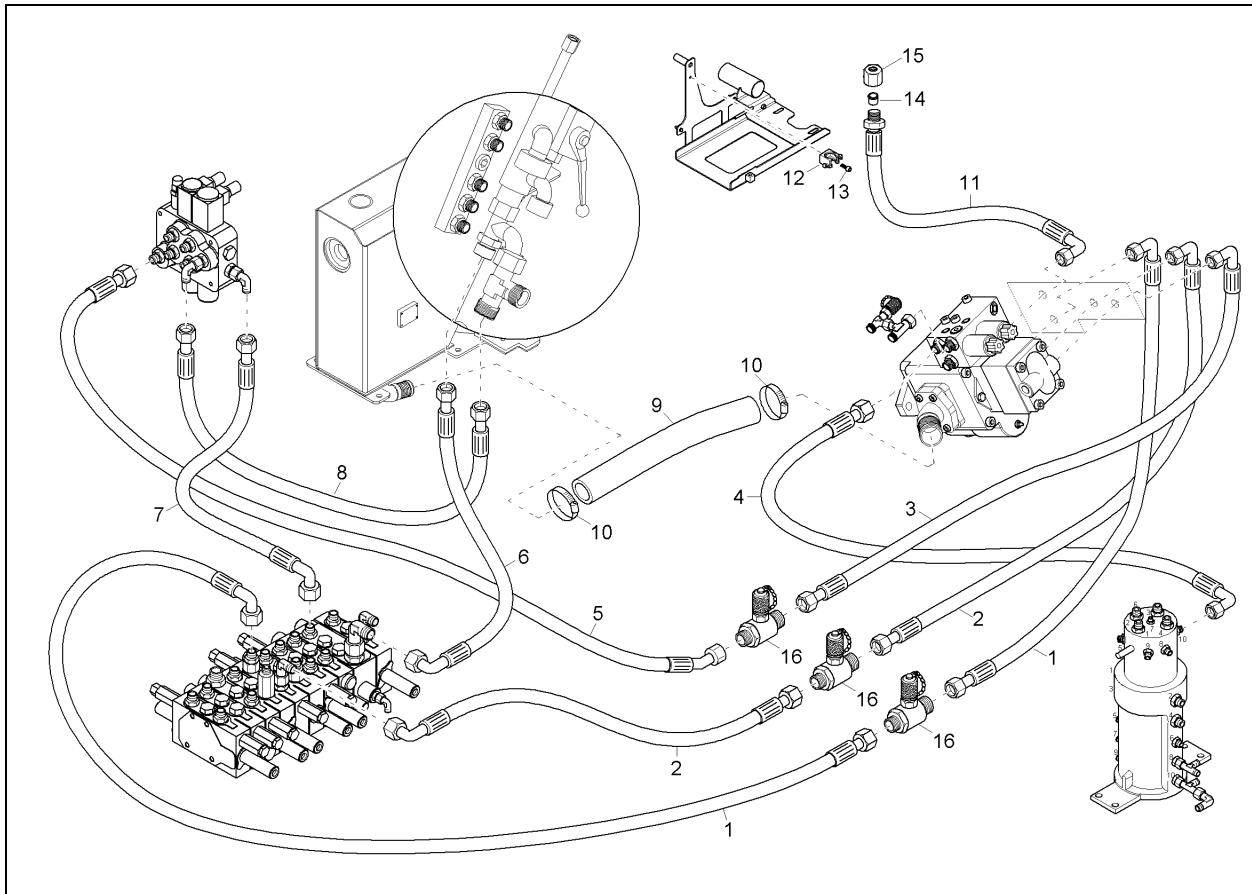
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1408450G		ISO/SAE VALVE	1	4	161675		LOCKWASHER S6	2
2	161426		SCREW JOINT	8	5	161660		WASHER GR A6.4 ZO DIN 125	2
3	165946		SCREW	2	6	9705501G		DECAL/ISO-SAE VALVE	1

**153 - ISO/SAE VALVE**  
**1000131804 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1408450G	ISO/SAE VALVE	1	6	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
2	161426	SCREW JOINT	8	7	163670	LOCKWASHER	2
3	165946	SCREW	2	8	163634	WASHER	2
4	161675	LOCKWASHER S6	2	9	1421184G	BRACKET	1
5	161660	WASHER GR A6.4 ZO DIN 125	2	10	9705501G	DECAL/ISO-SAE VALVE	1

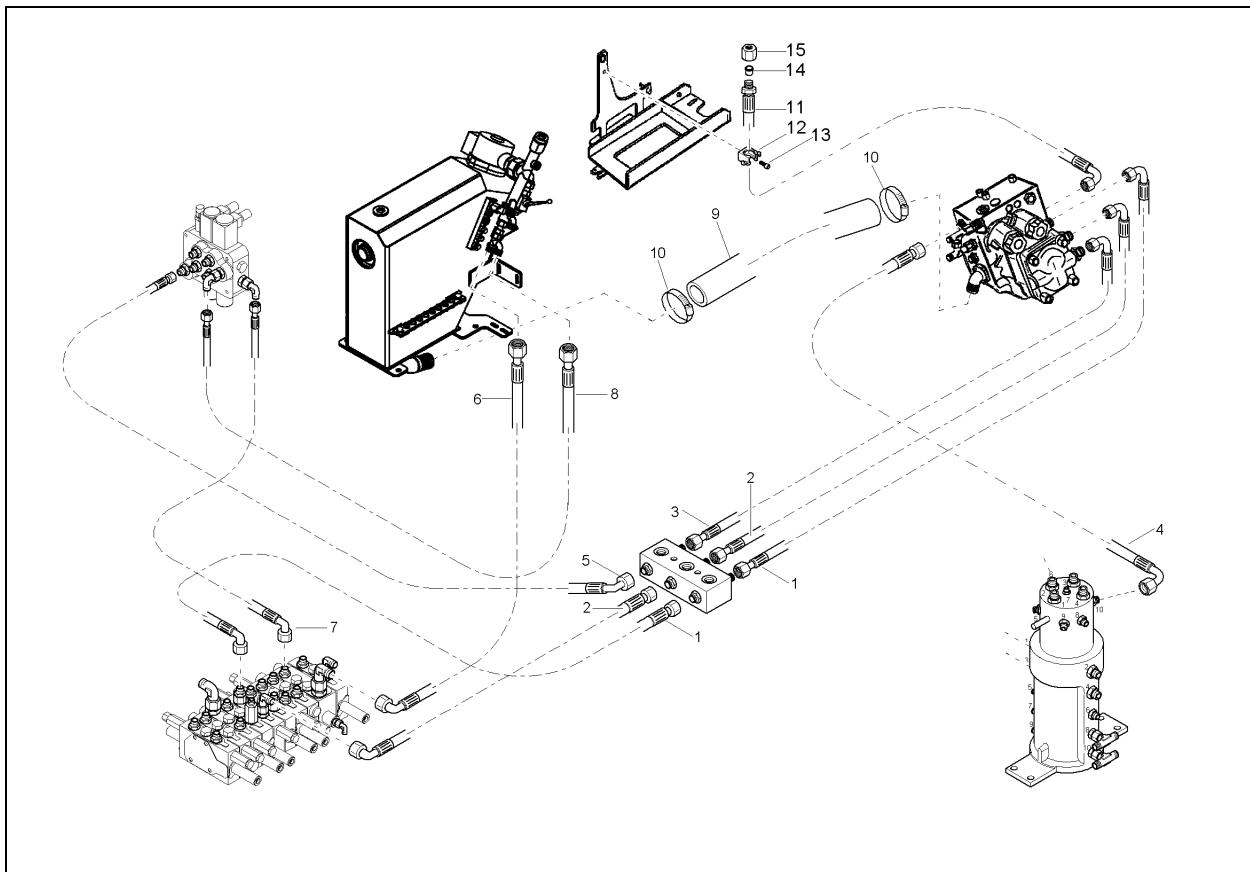
**153 - HYDRAULIC PUMP INSTALLATION**  
**1000131488 (SN AD00454 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178522		HP HOSE	2	9	160566		HOSE	1
2	8005276G		HP HOSE	2	10	162071		HOSE CLAMP	2
3	8005277G		HP HOSE	1	11	204085		HP HOSE	1
4	162447		HP HOSE	1	12	162389		CLAMP	1
5	8005284G		HP HOSE	1	13	162035		SCREW	1
6	8006247G		HP HOSE	1	14	164927		PLUG	1
7	161297		HP HOSE	1	15	164929		NUT	1
8	8004368G		HP HOSE	1	16	0003636417		TEST CONNECTION 15-L A3C	3

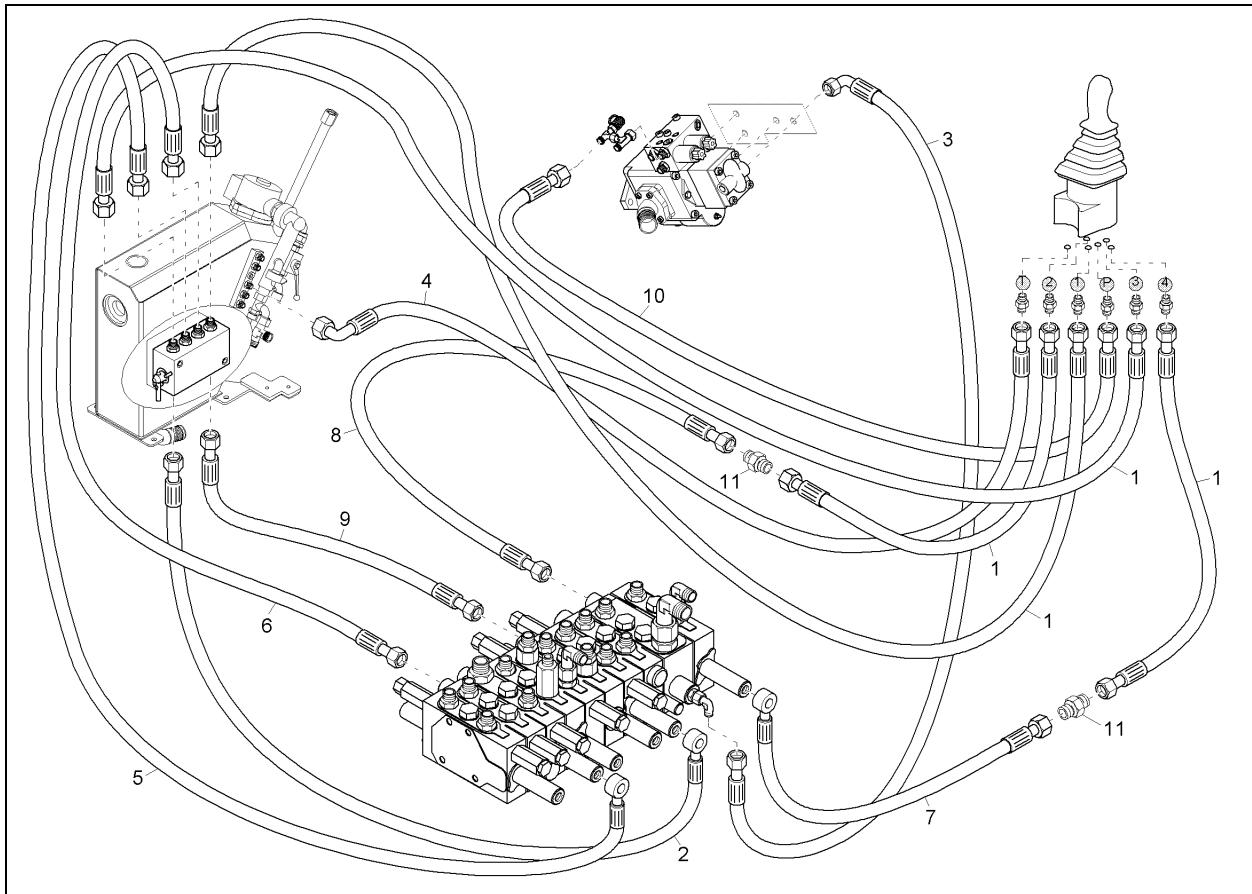
# 153 - HYDRAULIC PUMP INSTALLATION

1000131970 (SN AD00453 AND BEFORE)



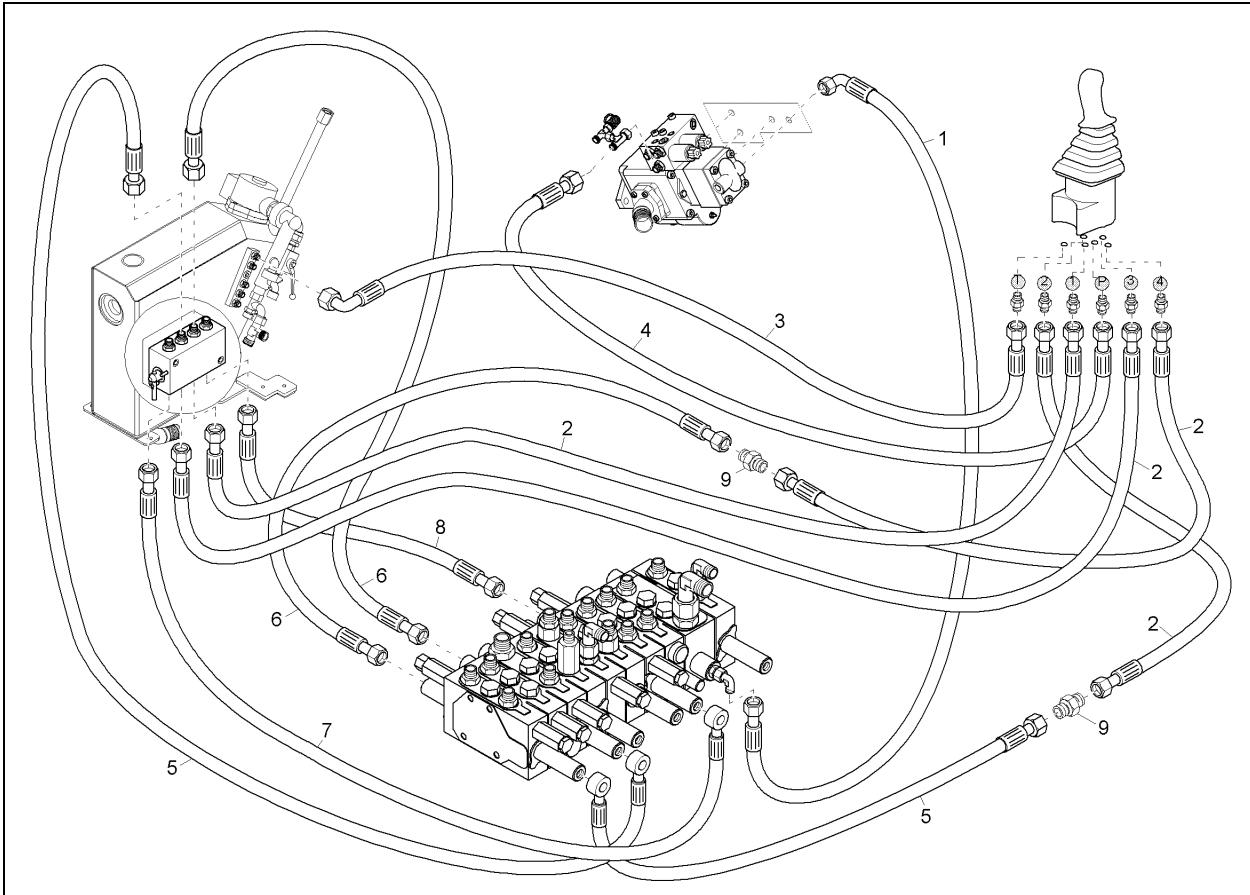
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8005275G	HP HOSE	2	9	160566	HOSE	1
2	8005276G	HP HOSE	2	10	162071	HOSE CLAMP	2
3	8005277G	HP HOSE	1	11	204085	HP HOSE	1
4	162447	HP HOSE	1	12	162389	CLAMP	1
5	8005284G	HP HOSE	1	13	162035	SCREW	1
6	8006247G	HP HOSE	1	14	164927	PLUG	1
7	161297	HP HOSE	1	15	164929	NUT	1
8	8004368G	HP HOSE	1				

**153 - JOYSTICK HYDRAULICS INSTALLATION, LEFT**  
**1000131507 (SN AD00454 AND UP)**



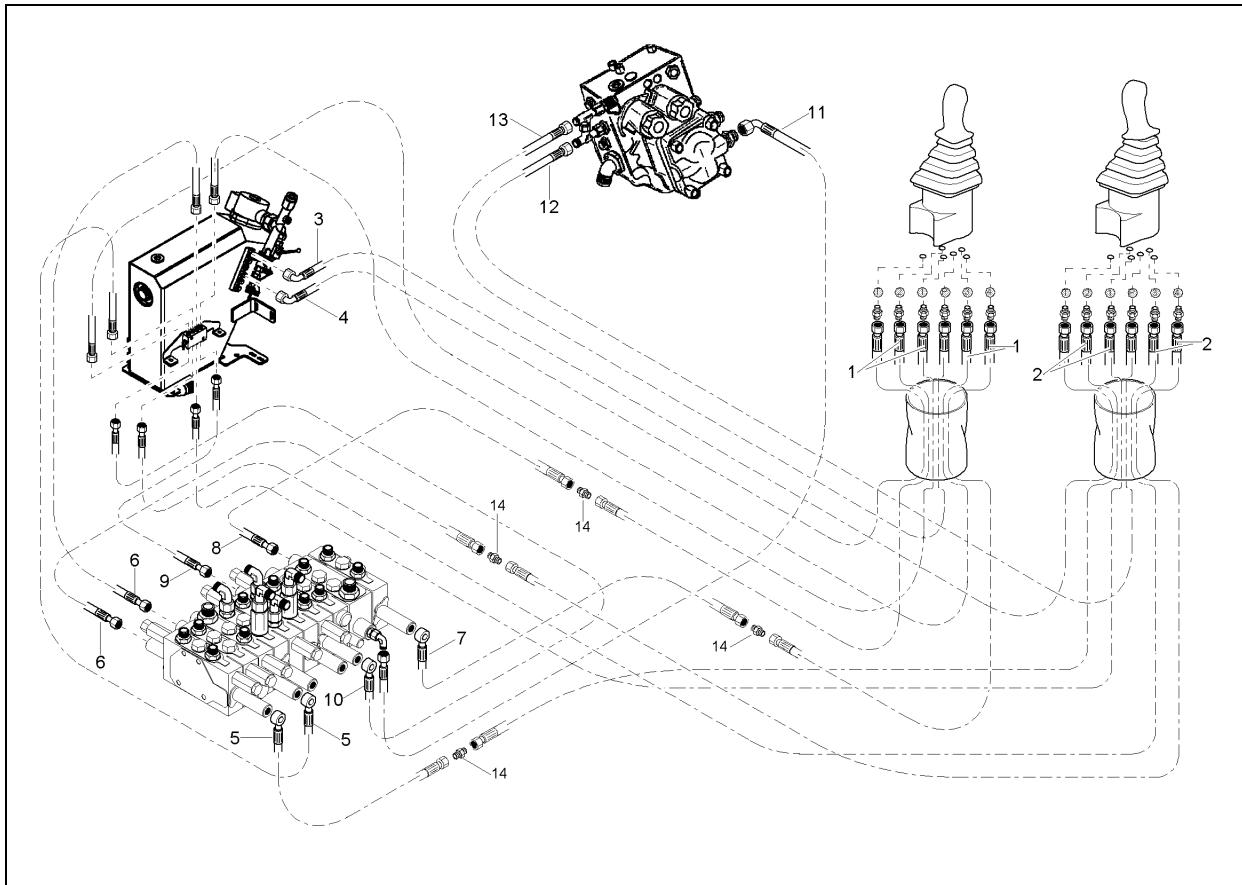
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8009010G	HP HOSE	4	7	8002309G	HP HOSE	1
2	8001863G	HP HOSE	1	8	8002308G	HP HOSE	1
3	162447	HP HOSE	1	9	8002307G	HP HOSE	1
4	162447	HP HOSE	1	10	163288	HP HOSE	1
5	8002312G	HP HOSE	1	11	161479	SCREW JOINT	2
6	161227	HP HOSE	1				

**153 - JOYSTICK HYDRAULICS INSTALLATION, RIGHT  
1000131509 (SN AD00454 AND UP)**



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 162447	HP HOSE	1	6 161227	HP HOSE	2
2 164799	HP HOSE	4	7 8001863G	HP HOSE	1
3 161220	HP HOSE	1	8 8002307G	HP HOSE	1
4 163291	HP HOSE	1	9 161479	SCREW JOINT	2
5 8002312G	HP HOSE	2			

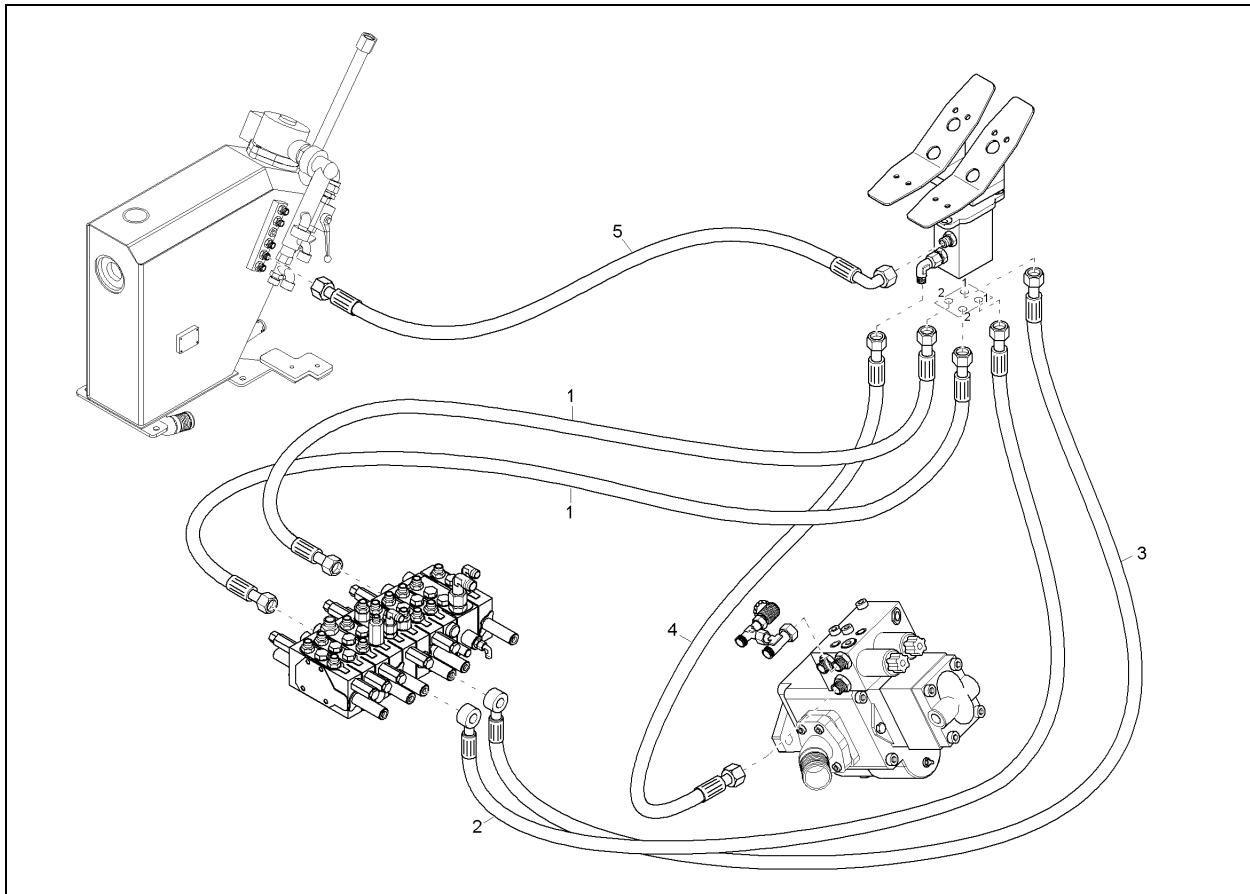
**153 - JOYSTICK HYDRAULIC INSTALLATION**  
**1000132058 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8009010G	HP HOSE	4	8	8002308G	HP HOSE	1
2	164799	HP HOSE	4	9	8002307G	HP HOSE	1
3	161220	HP HOSE	1	10	8001863G	HP HOSE	1
4	162447	HP HOSE	1	11	162447	HP HOSE	1
5	8002312G	HP HOSE	2	12	163291	HP HOSE	1
6	161227	HP HOSE	2	13	163288	HP HOSE	1
7	8002309G	HP HOSE	1	14	161479	SCREW JOINT	4

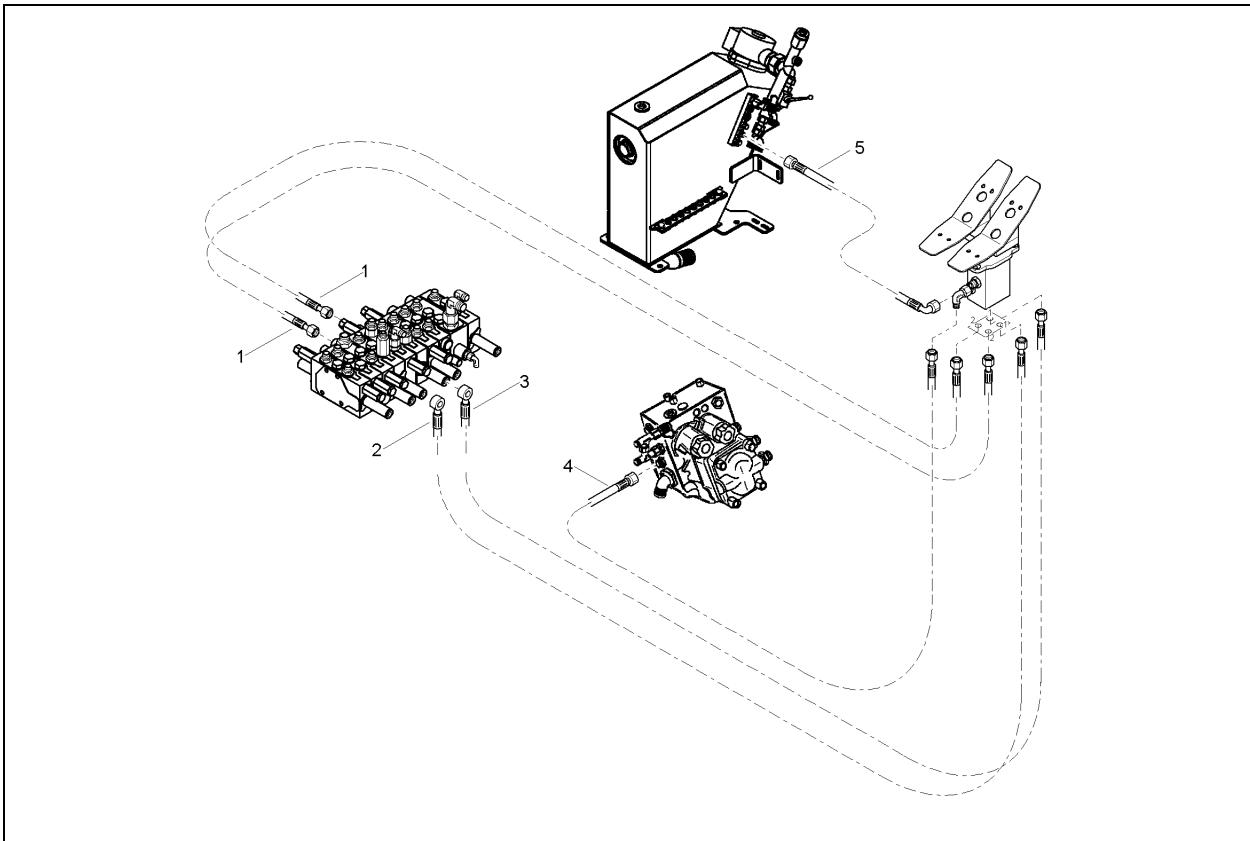
# 153 - TRAVEL VALVE INSTALLATION

## 1000131369 (SN AD00454 AND UP)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	8001851G	HP HOSE		2	4	161224	HP HOSE		1
2	8002310G	HP HOSE		1	5	162403	HP HOSE		1
3	8002311G	HP HOSE		1					

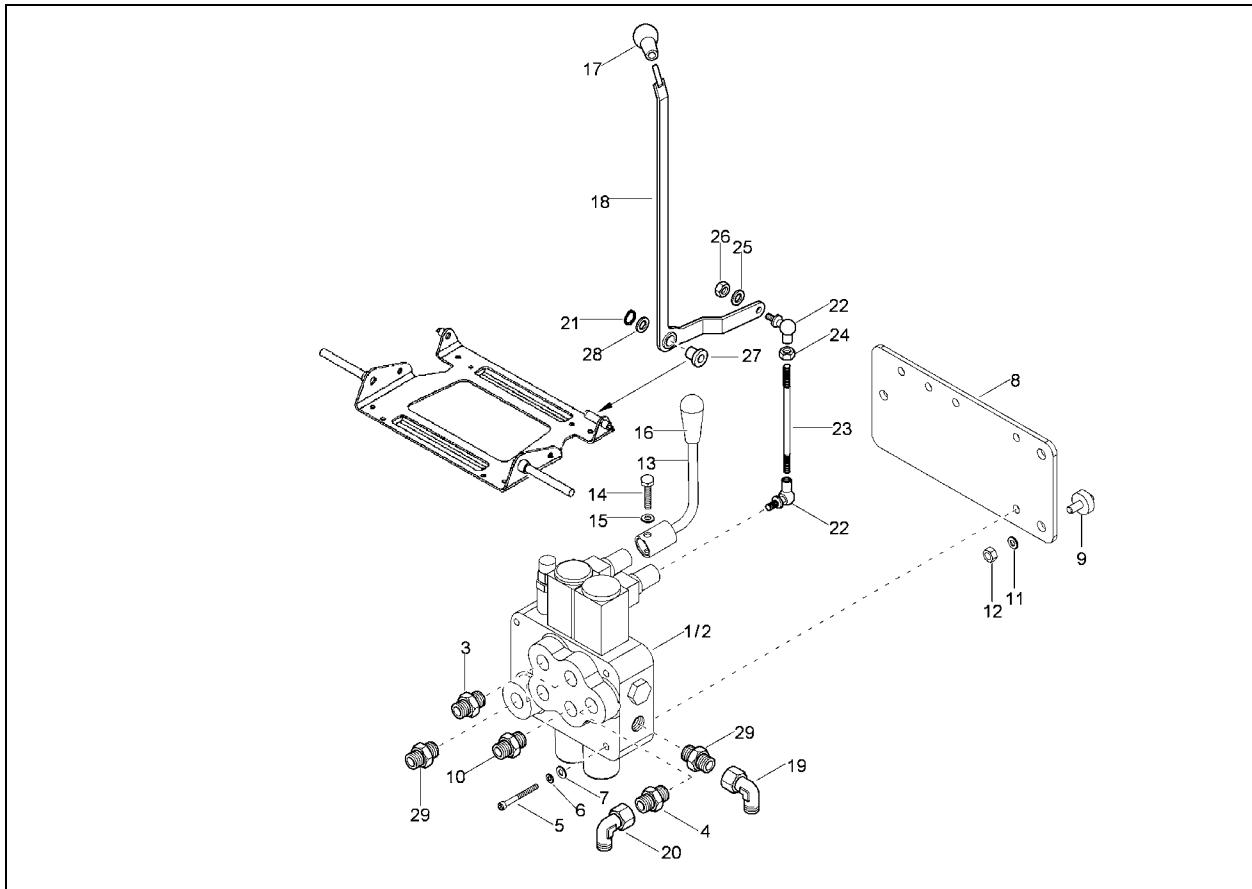
**153 - TRAVEL VALVE INSTALLATION**  
**1000131982 (SN AD00453 AND BEFORE)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	8001851G	HP HOSE		2	4	161224	HP HOSE		1
2	8002310G	HP HOSE		1	5	162403	HP HOSE		1
3	8002311G	HP HOSE		1					

# 153 - DOZER BLADE VALVE (DOUBLE)

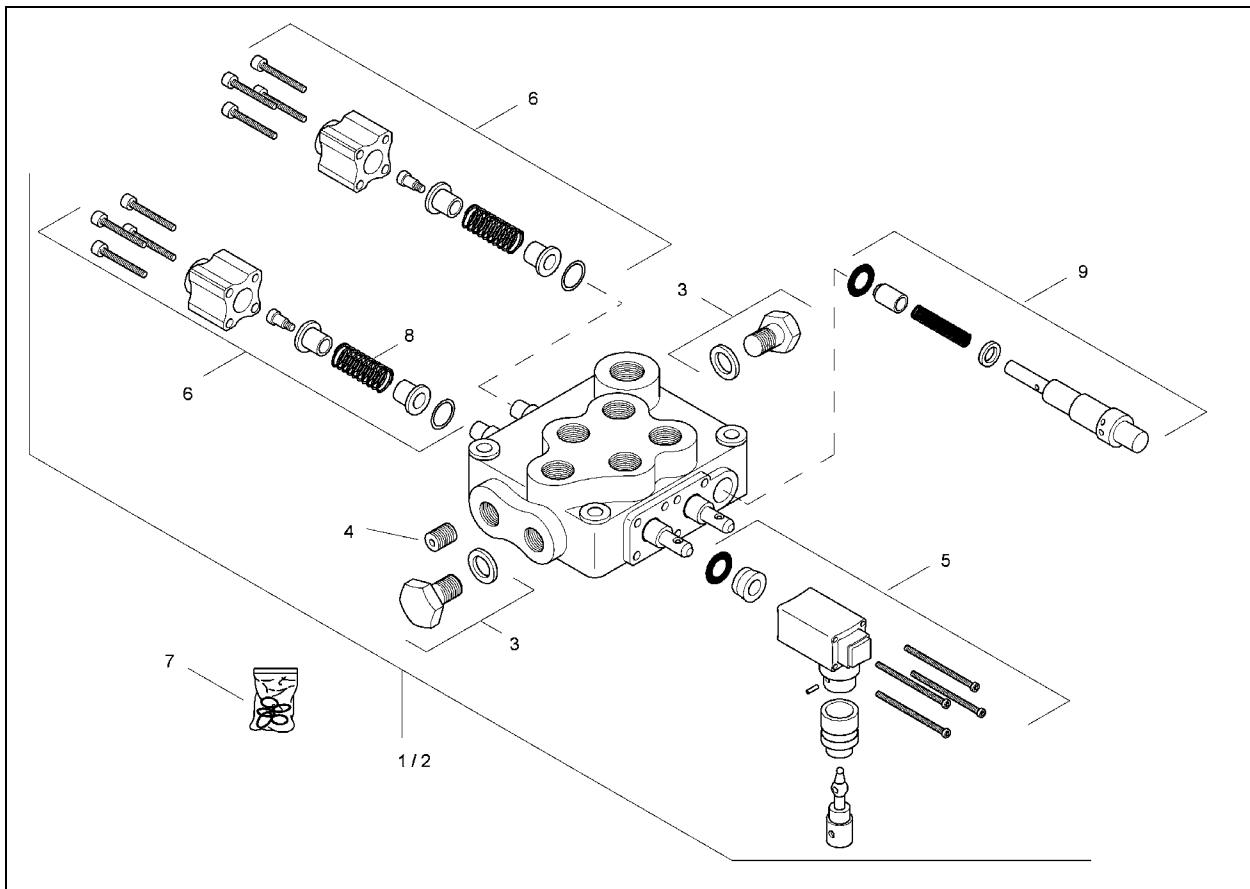
1000131465/1000132082



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203986	DOZER BLADE VALVE (SN AC00839 AND BEFORE)	1	15	163670	LOCKWASHER	1
2	178831	DOZER BLADE VALVE (SN AC00840 AND UP)	1	16	161903	HANDLE	1
3	161426	SCREW JOINT	3	17	162398	KNOB	1
4	161463	SCREW JOINT	1	18	1423024G	LEVER	1
5	656088	CS M6-1X60 C8.8 ZY DIN931	3	19	161445	90° FITTING	1
6	161675	LOCKWASHER S6	3	20	161446	90° FITTING	1
7	161660	WASHER GR A6.4 ZO DIN 125	3	21	9908057G	WASHER	1
8	1521183G	PLATE	1	22	162072	BALL AND SOCKET	2
9	165566	RUBBER-METAL-BUFFER	3	23	1423025G	THREADED ROD	1
10	9910612G	SCREW JOINT	1	24	656048	HN M8-1.25 C8 ZY DIN934	1
11	161669	LOCKWASHER S10	3	25	163634	WASHER	1
12	656102	HN M10-1.25 F8 ZY DIN934	3	26	651458	LN INS M8-1.25 C8 ZY DIN6924	1
13	1423012G	LEVER	1	27	1428451G	BEARING	1
14	656105	CS M8-1.25X25 C8.8 ZY DIN931	2	28	7451680116	WASHER B17-140HV A2C	1
				29	161429	SCREW JOINT 12L	2

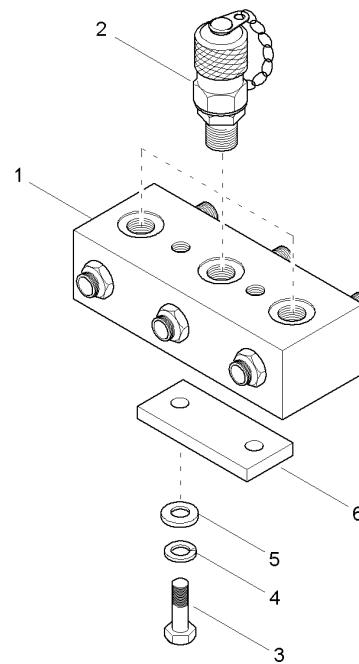
# 153 - DOZER BLADE VALVE (DOUBLE) - DISASSEMBLED

1000131467/1000132083



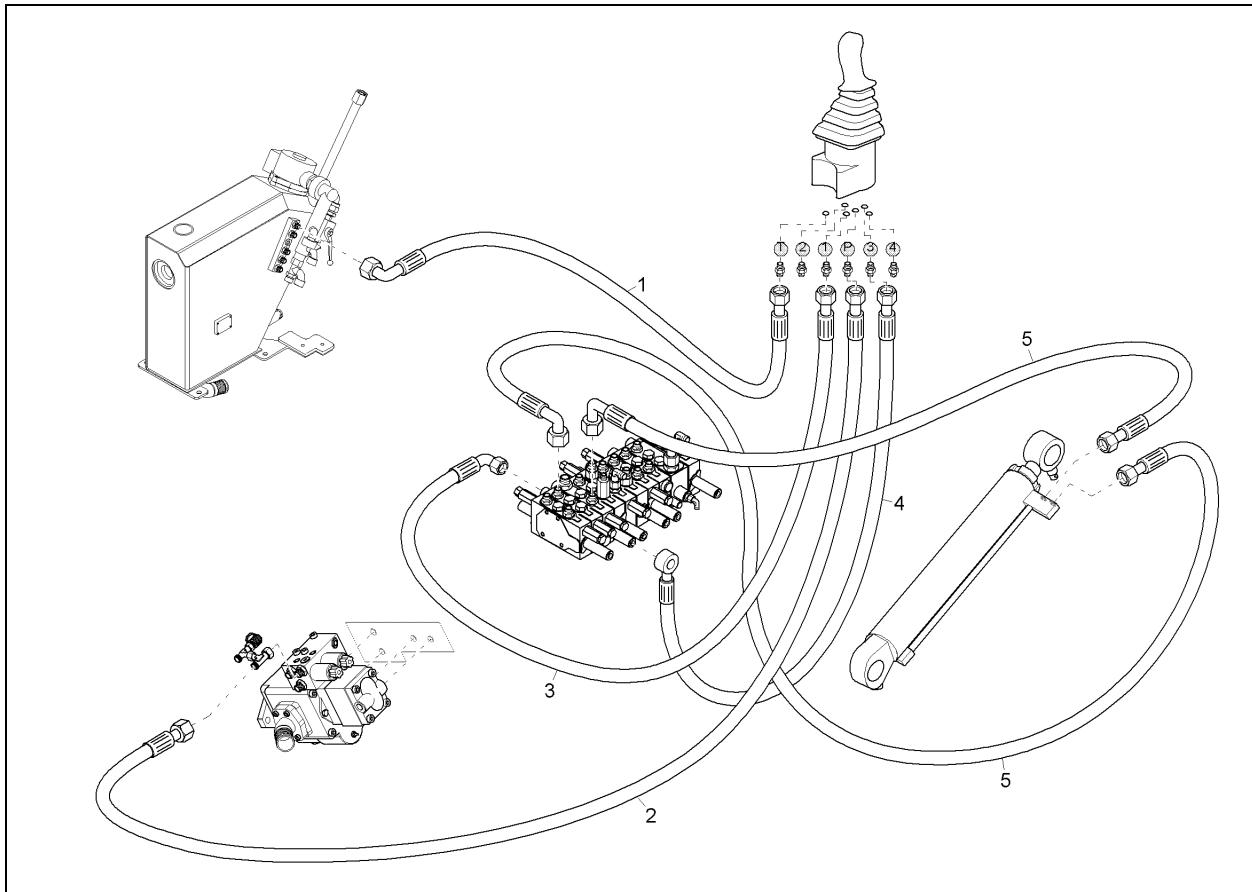
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	203986	DOZER BLADE VALVE (SN AC00839 AND BEFORE)	1	6	1428425G	KIT	2	
2	178831	DOZER BLADE VALVE (SN AC00840 AND UP)	1	7	1928406G	SEAL KIT	1	
3	1428422G	PLUG	2	8	*	SPRING (SN AC00840 AND UP)	1	
4	1428423G	PLUG	1	9	1428421G	PRESSURE LIMITING VALVE	1	
5	1428424G	KIT	2	* For service, use 1428425G (Kit) to replace 178706 (Spring)				

**153 - HYDRAULIC BLOCK**  
**1000139365 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1528063G	BLOCK	1	4	163670	LOCKWASHER	2
2	204847	TEST PORT	3	5	7462680011	WASHER 8.4 ST A2C	2
3	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	6	1421182G	SHIM (SN AC00254 AND BEFORE)	1

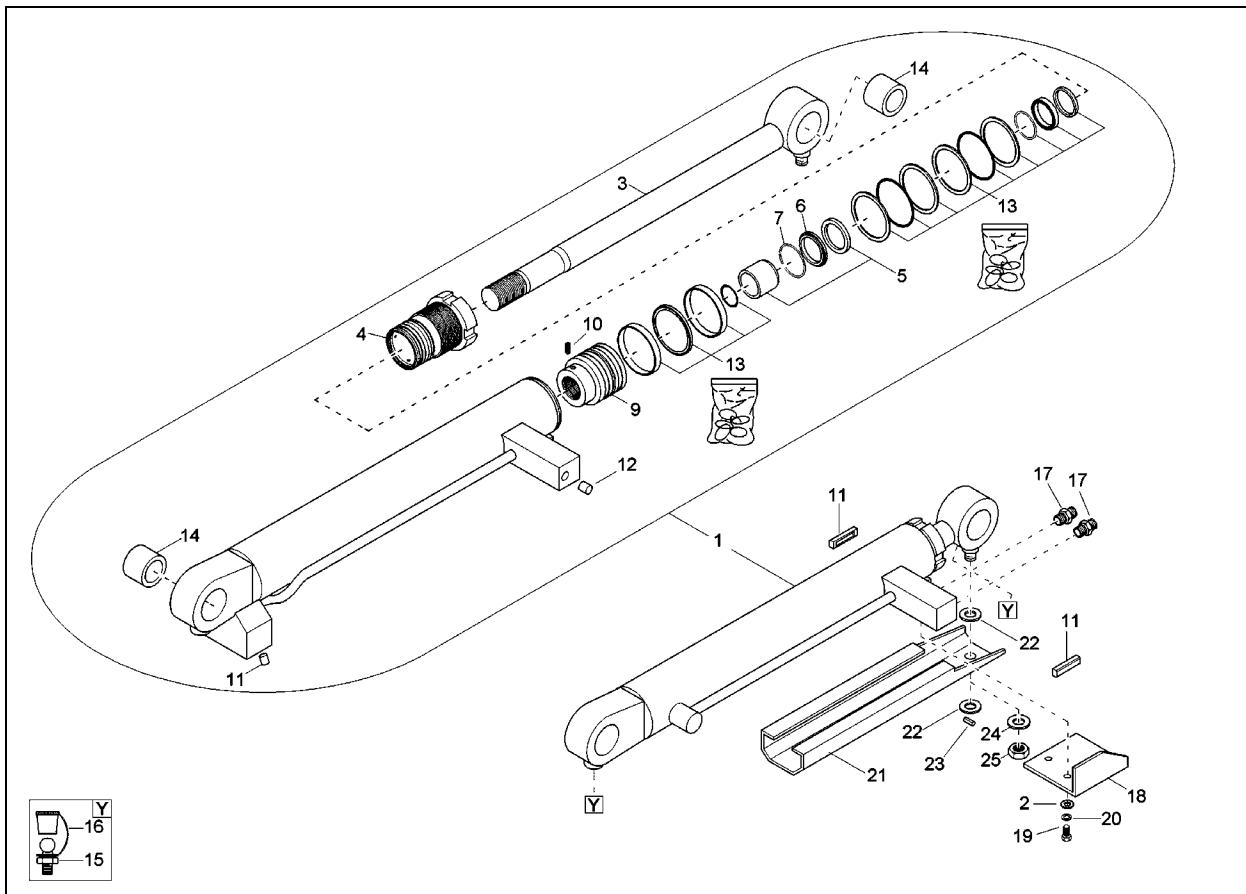
**153 - BOOM CYLINDER INSTALLATION**  
**1000131502 (SN AD00454 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	161220		HP HOSE	1	4	178514		HP HOSE	1
2	163291		HP HOSE	1	5	178520		HP HOSE	2
3	178517		HP HOSE	1					

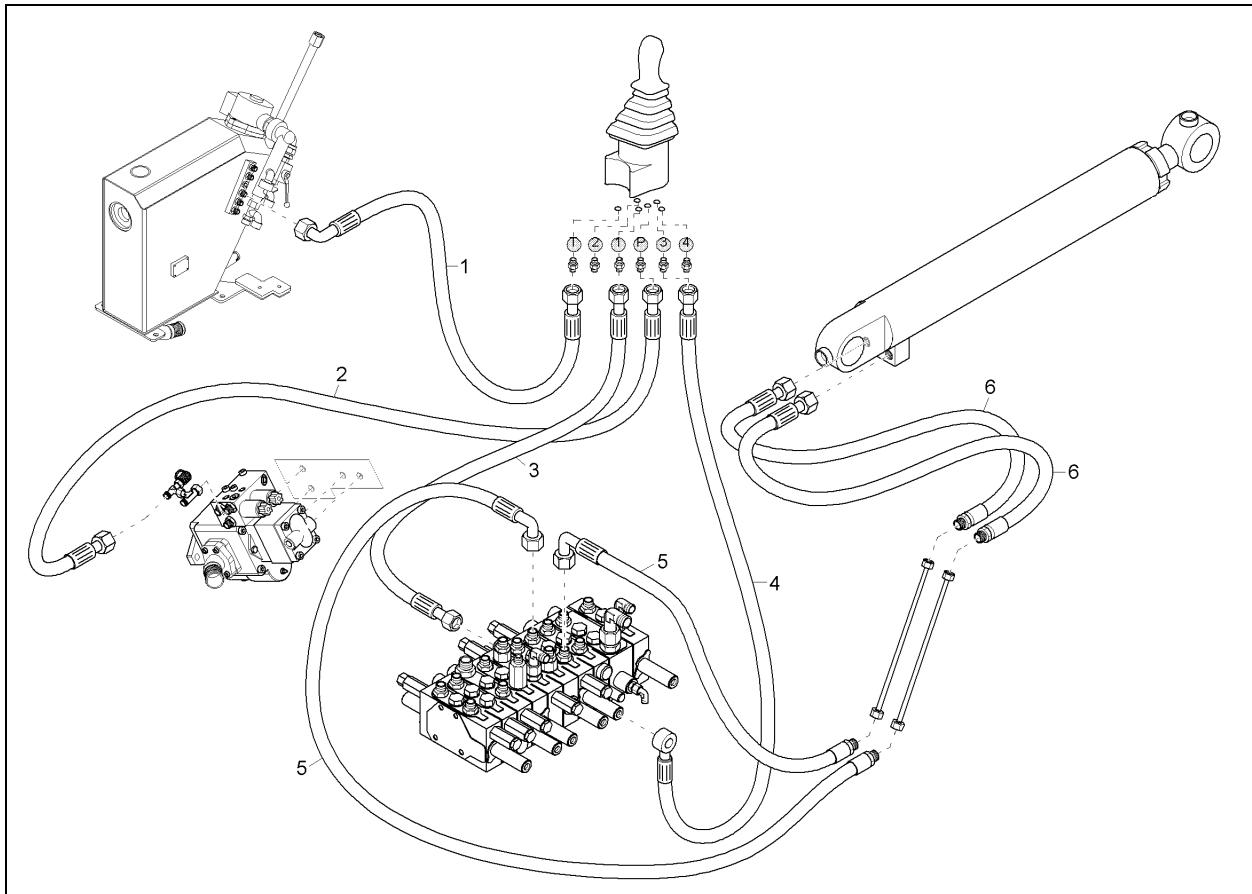
# 153 - BOOM CYLINDER

1000131341/1000131961



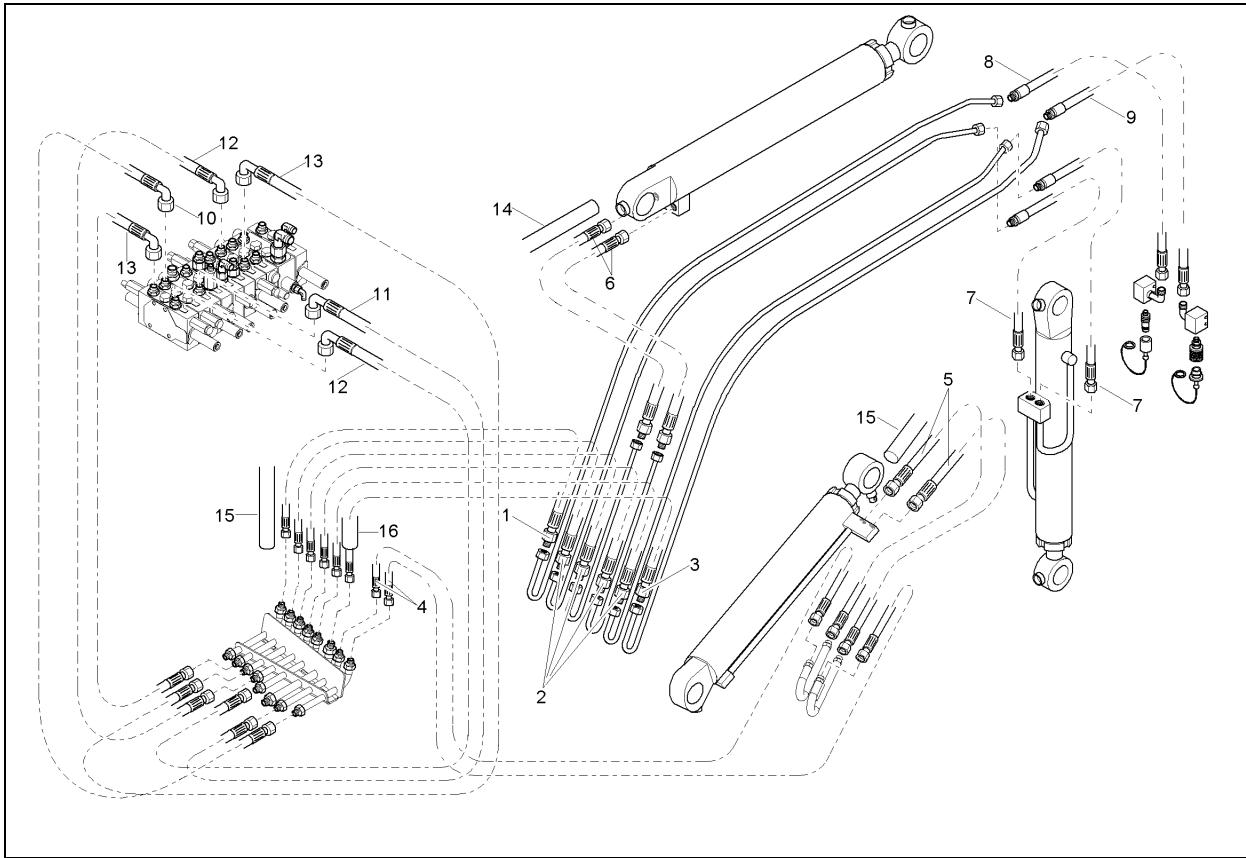
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202658	LIFTING BOOM CYLINDER	1	15	161411	GREASE ZERK-7MM HEX HEAD	2
2	163634	WASHER	2	16	161422	CAP	2
3	1528009G	PISTON ROD	1	17	161428	SCREW JOINT 10L	2
4	1528024G	GUIDE BUSHING	1	18	161754	PROTECTION	1
5	177645	KIT/RING AND BUSHING	1	19	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
6	160465	RING	1	20	163670	LOCKWASHER	2
7	161408	WASHER	1	21	165482	PROTECTION	1
9	165449	PISTON	1	22	161650	WASHER/GR A 19 ZO DIN125	2
10	161400	SET SCREW	1	23	651468	PIN/SPRING M5X36	1
11	161205	GUIDE	2	24	161642	WASHER/GR A 13 (SN AD00454 AND UP)	1
12	162060	BALL EXPANDER	1	25	179793	NUT (SN AD00454 AND UP)	1
13	165570	SEAL KIT	1				
14	161548	BUSHING	2				

**153 - DIPPER ARM CYLINDER INSTALLATION**  
**1000131504 (SN AD00454 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	162447		HP HOSE	1	4	178515		HP HOSE	1
2	163288		HP HOSE	1	5	178519		HP HOSE	2
3	179544		HP HOSE	1	6	8004359G		HP HOSE	2

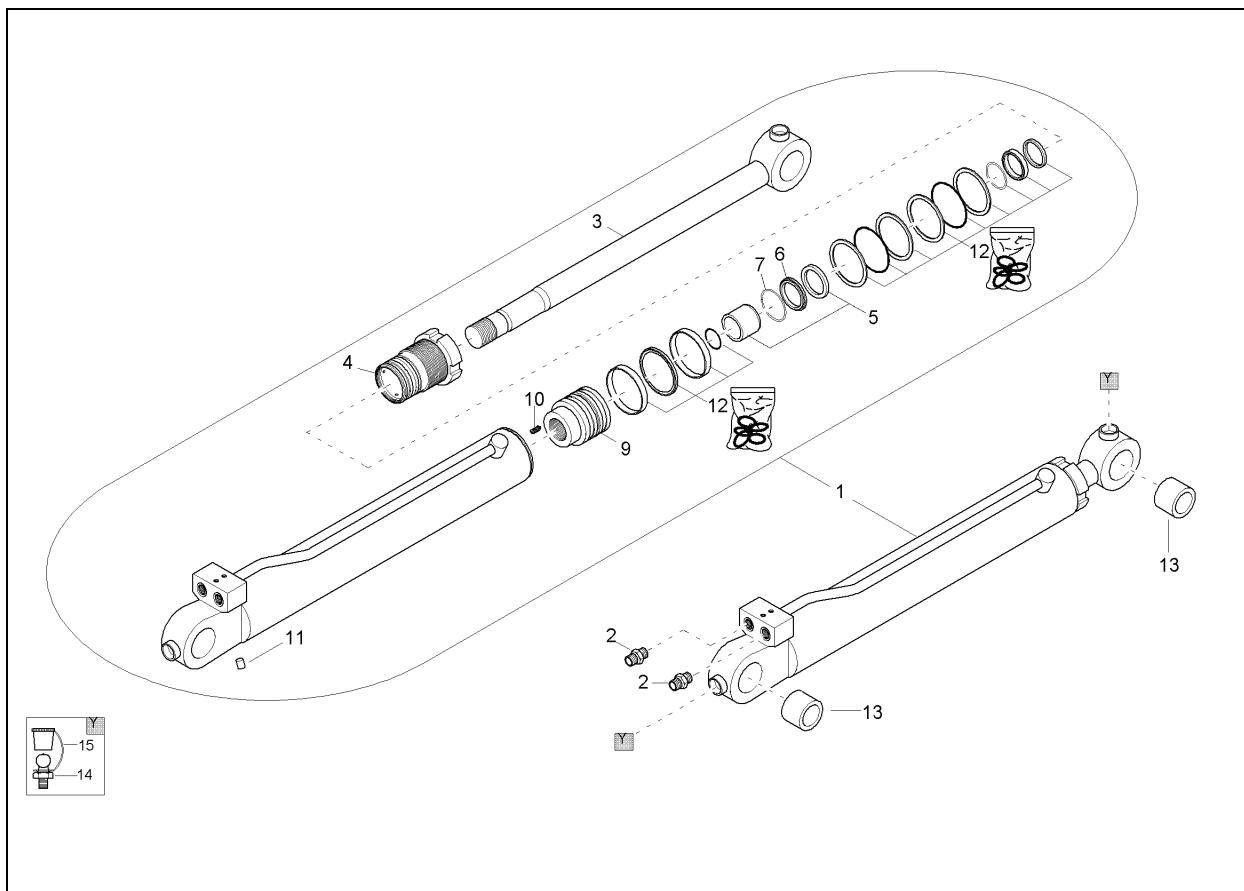
**153 - BOOM HYD. INSTALLATION-SHORT DIPPER ARM  
1000132059 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8004358G	HP HOSE	1	10	8003133G	HP HOSE	1
2	8003135G	HP HOSE	4	11	8003080G	HP HOSE	1
3	8005090G	HP HOSE	1	12	8003123G	HP HOSE	2
4	8003129G	HP HOSE	2	13	165848	HP HOSE	2
5	8003136G	HP HOSE	2	14	204016	PROTECTION HOSE (0.5M)	1
6	8004359G	HP HOSE	2	15	204017	PROTECTION HOSE (1.5M)	1
7	8003137G	HP HOSE	2	16	207185	HEAT SHRINK SLEEVE (1.1M)	1
8	8004360G	HP HOSE	1				
9	8005278G	HP HOSE	1				

# 153 - DIPPER ARM CYLINDER

1000131343/1000131963



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1	204051	DIPPER ARM CYLINDER	1
2	161429	SCREW JOINT 12L	2
3	1428016G	PISTON ROD	1
4	1428013G	GUIDE BUSHING	1
5	177644	KIT/RING AND BUSHING	1
6	160465	RING	1
7	161408	WASHER	1

**Ref.**

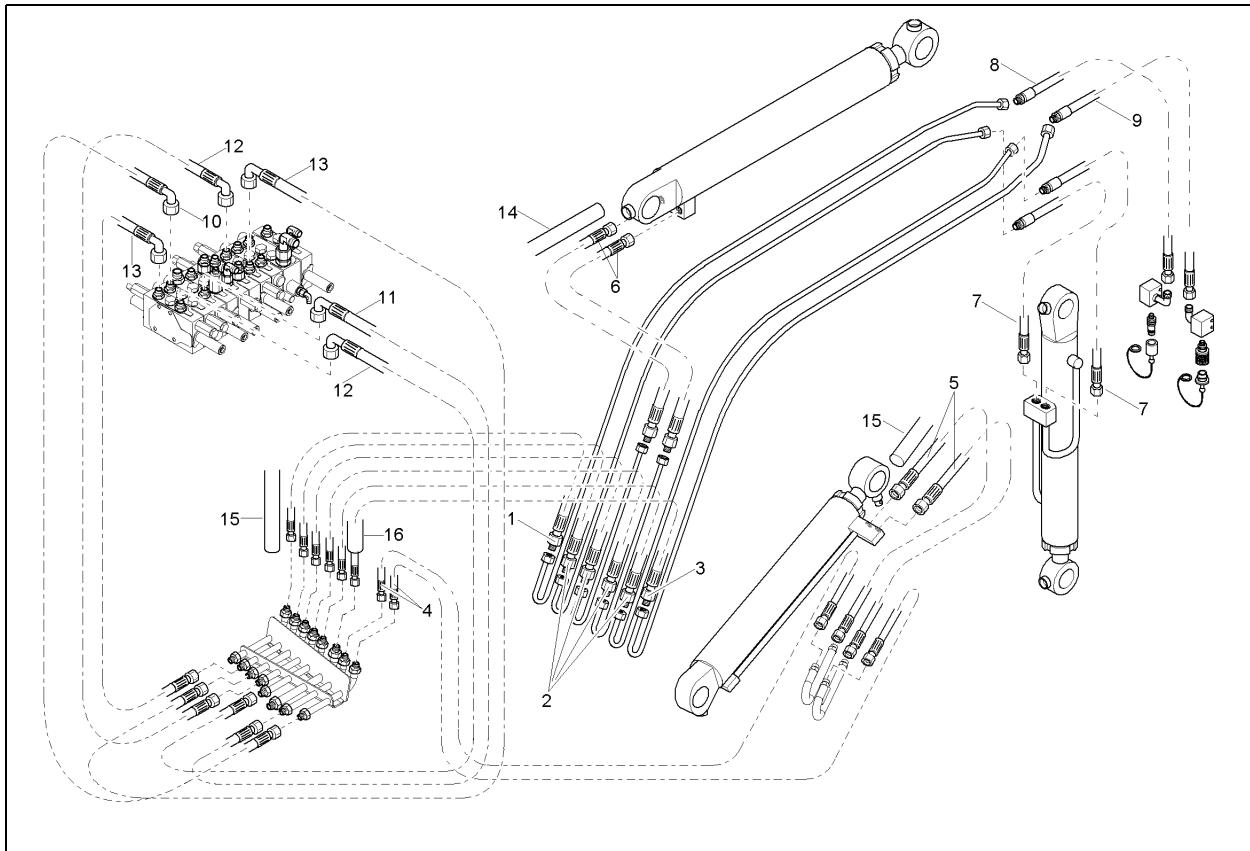
**No. Part No.**

**Description**

**Qty.**

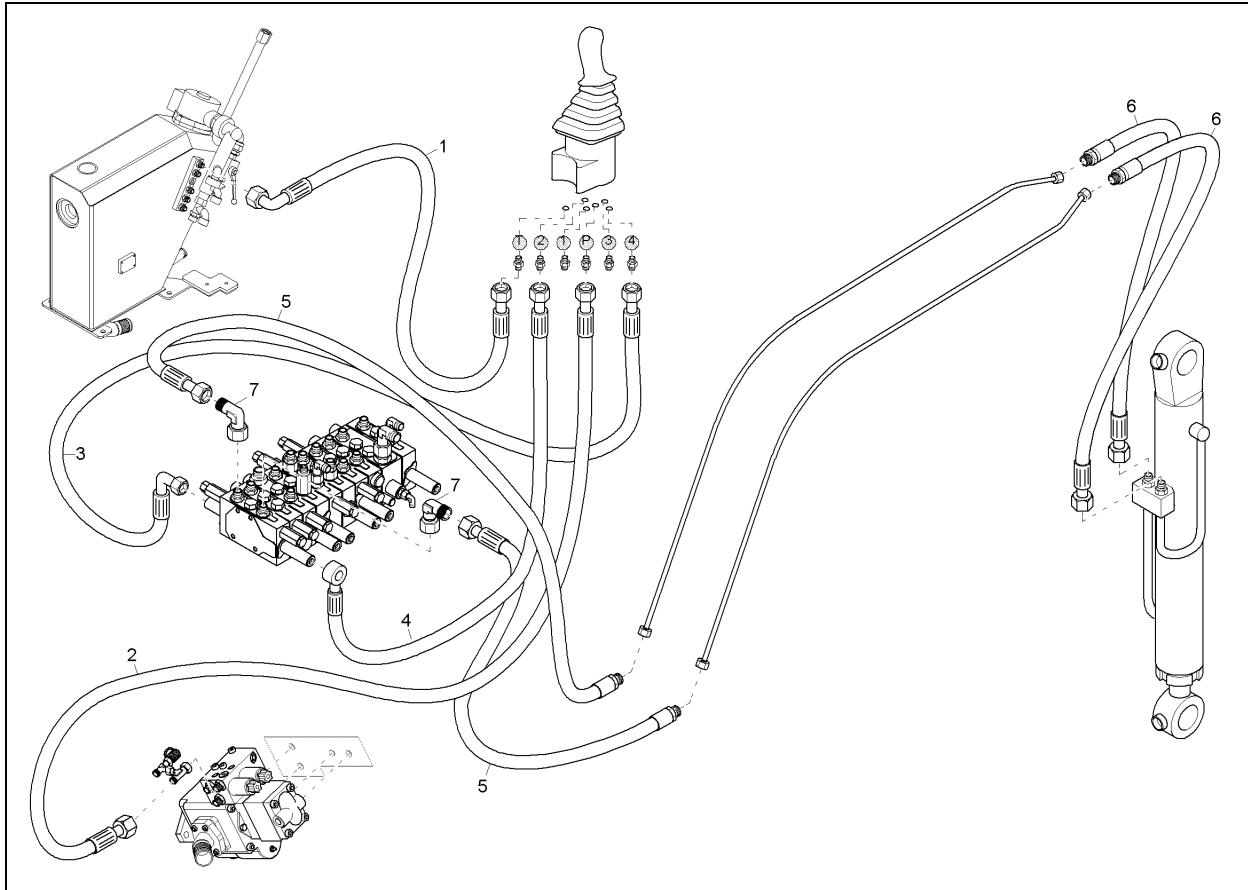
9	160562	PISTON	1
10	161400	SET SCREW	1
11	165959	BALL EXPANDER	1
12	1429400G	SEAL KIT	1
13	161548	BUSHING	2
14	161411	GREASE ZERK-7MM HEX HEAD	2
15	161422	CAP	2

**153 - BOOM HYD. INSTALLATION-LONG DIPPER ARM (OPTION)**  
**1000132002 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8004358G	HP HOSE	1	10	8003133G	HP HOSE	1
2	8003135G	HP HOSE	4	11	8003080G	HP HOSE	1
3	8005090G	HP HOSE	1	12	8003123G	HP HOSE	2
4	8003129G	HP HOSE	2	13	165848	HP HOSE	2
5	8003136G	HP HOSE	2	14	204016	PROTECTION HOSE (0.5M)	1
6	8004359G	HP HOSE	2	15	204017	PROTECTION HOSE (1.5M)	1
7	8003037G	HP HOSE	2	16	207185	HEAT SHRINK SLEEVE (1.1M)	1
8	8004375G	HP HOSE	1				
9	8005091G	HP HOSE	1				

**153 - BUCKET CYLINDER INSTALLATION**  
**1000131371 (SN AD00454 AND UP)**



Ref.

No. Part No.

Description

Qty.

1	161220	HP HOSE	1
2	163291	HP HOSE	1
3	178517	HP HOSE	1
4	178514	HP HOSE	1
5	178518	HP HOSE	2

Ref.

No. Part No.

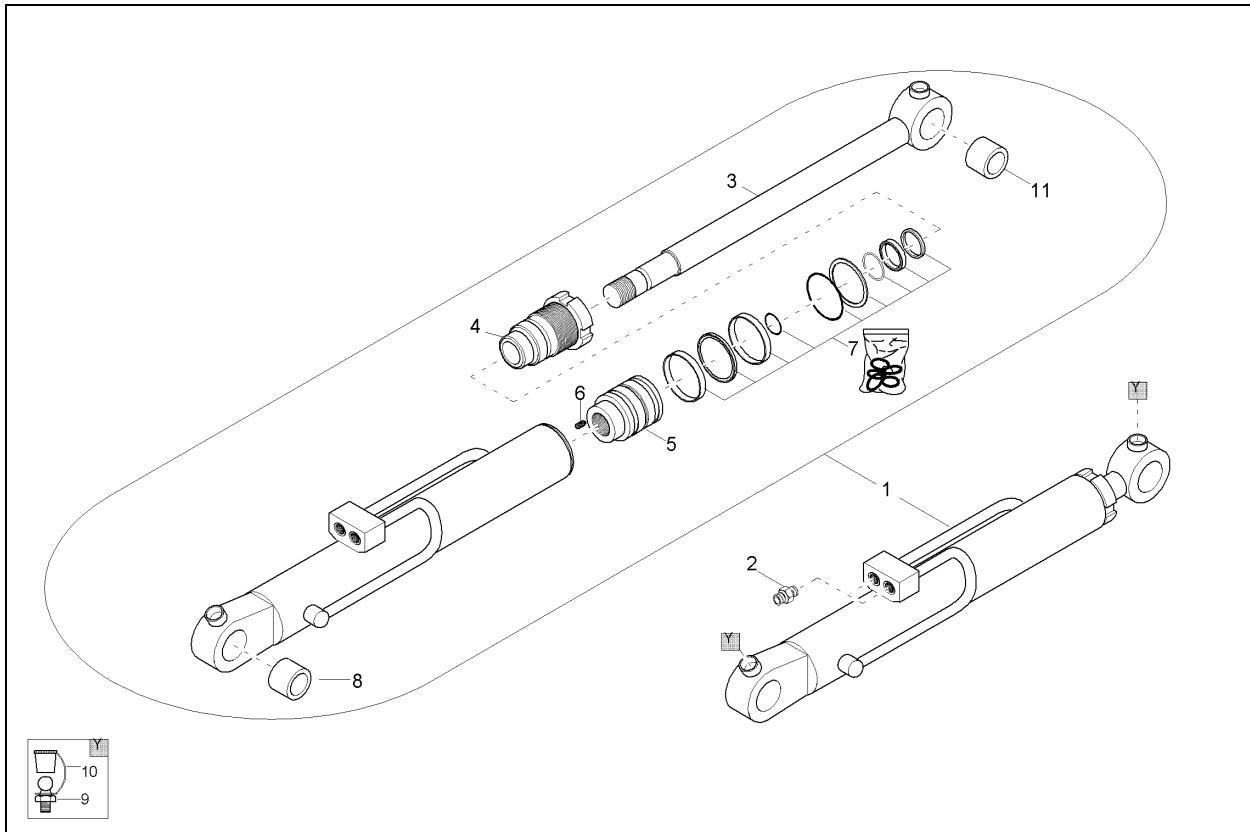
Description

Qty.

6	205001	HP HOSE (SHORT DIPPER ARM)	2
	8003037G	HP HOSE (LONG DIPPER ARM, OPTION)	2
7	206348	UNION	2

# 153 - BUCKET CYLINDER

1000131345/1000131966



#### Ref.

#### No. Part No.

#### Description

#### Qty.

1	204050	DIPPER CYLINDER	1
2	161428	SCREW JOINT 10L	2
3	1428022G	PISTON ROD	1
4	1428020G	GUIDE BUSHING	1
5	160562	PISTON	1
6	161400	SET SCREW	1

#### Ref.

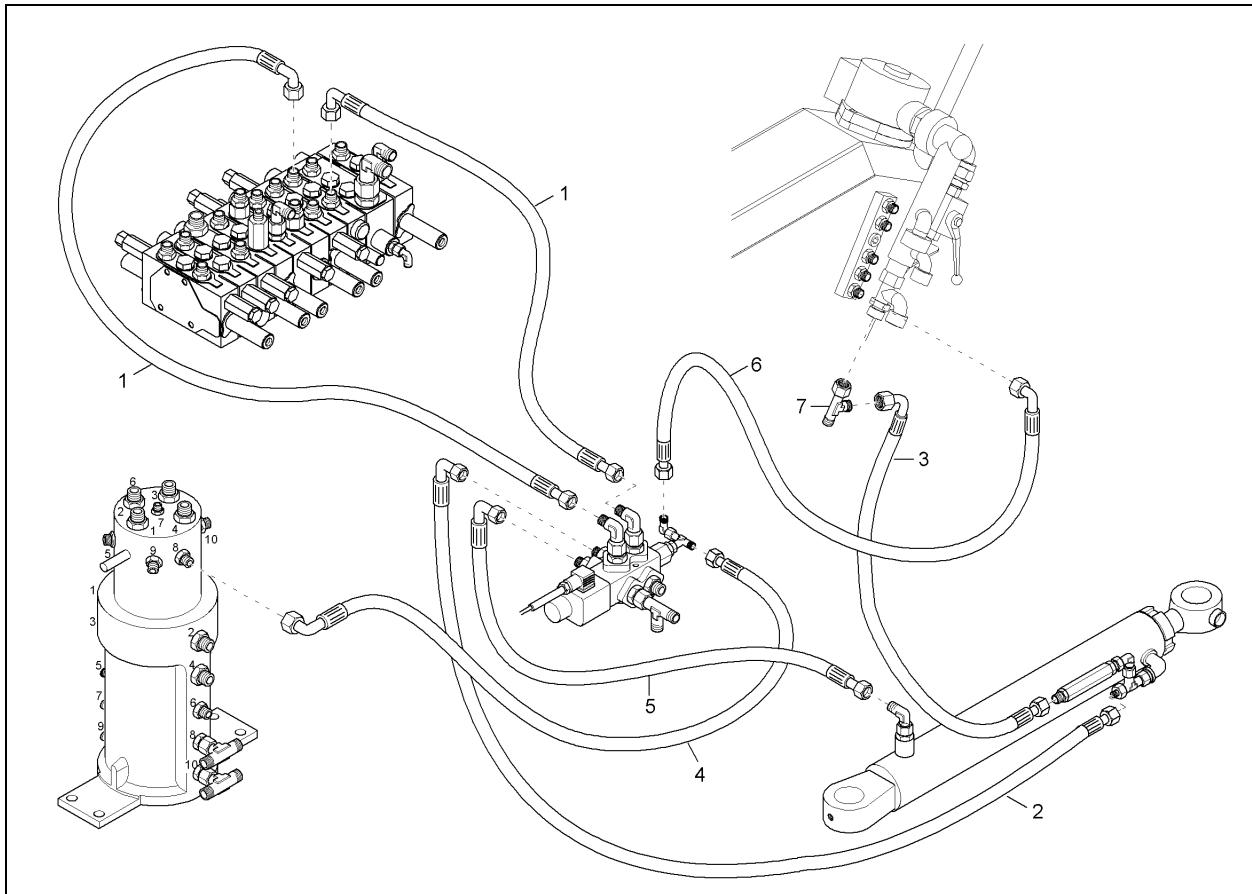
#### No. Part No.

#### Description

#### Qty.

7	1429423G	SEAL KIT	1
8	161548	BUSHING	1
9	161411	GREASE ZERK-7MM HEX HEAD	2
10	161422	CAP	2
11	161544	BUSHING	1

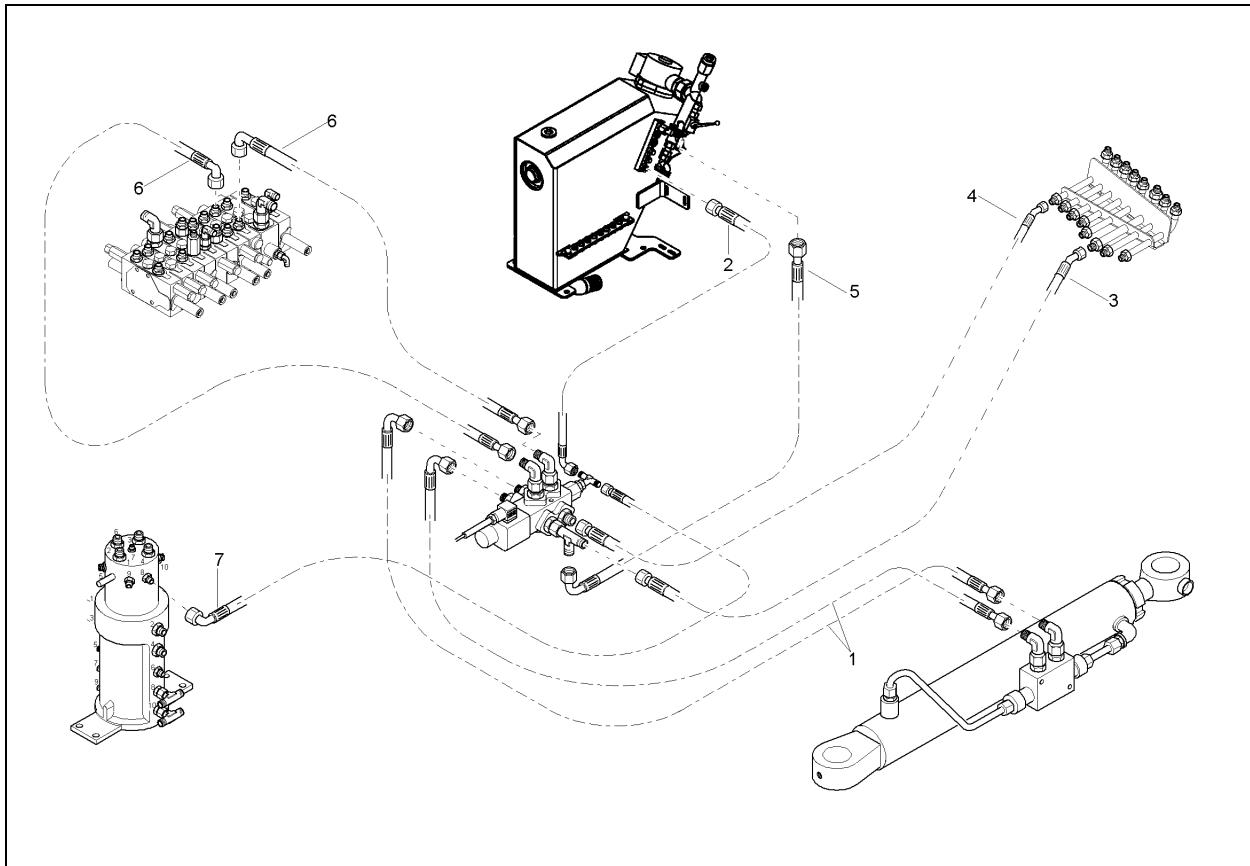
**153 - BOOM OFFSET CYLINDER INSTALLATION**  
**1000131364 (SN AD00454 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	8004355G	HP HOSE		2	5	8002323G	HP HOSE		1
2	178513	HP HOSE		1	6	161225	HP HOSE		1
3	161309	HP HOSE		1	7	162062	ELBOW		1
4	164800	HP HOSE		1					

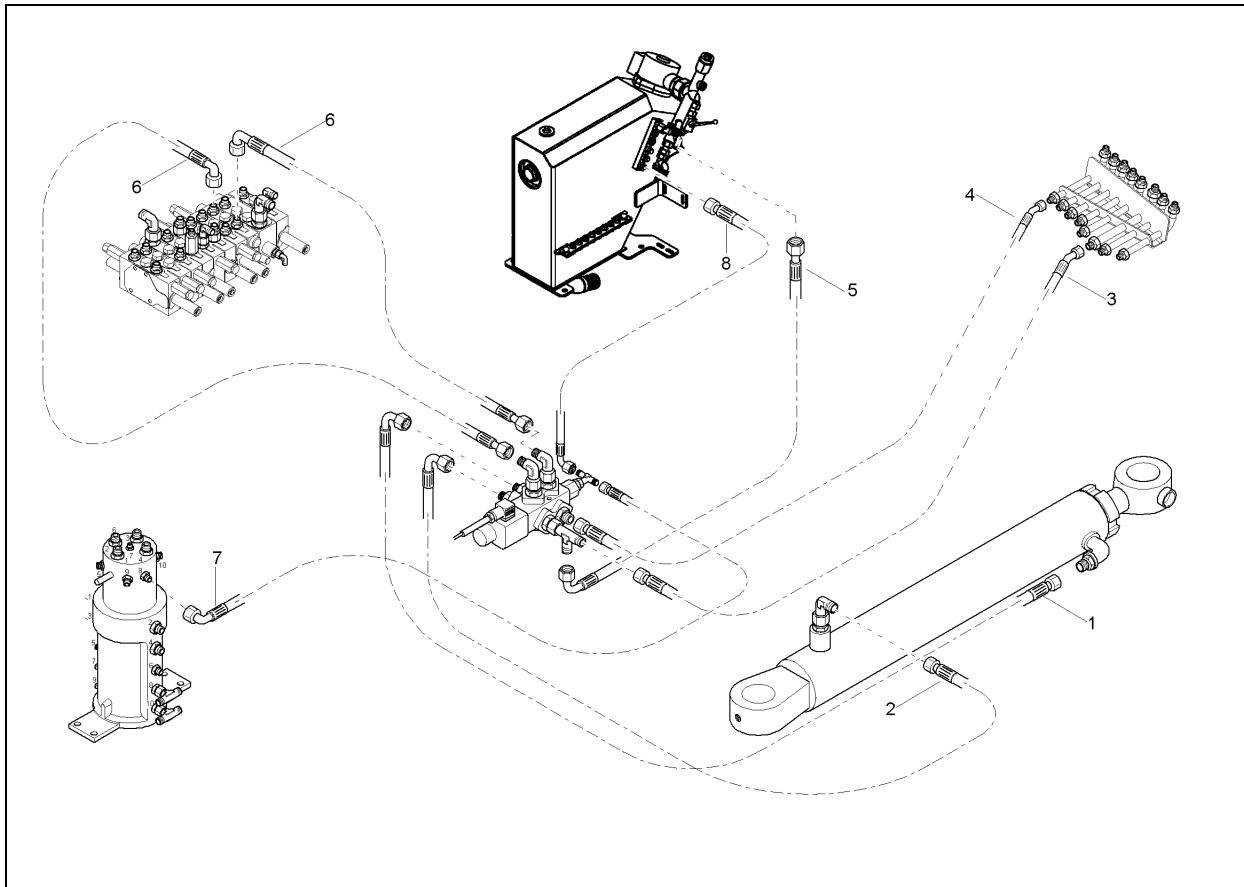
# 153 - BOOM OFFSET CYLINDER INSTALLATION

1000132006 (SN AC01880 - AD00453)



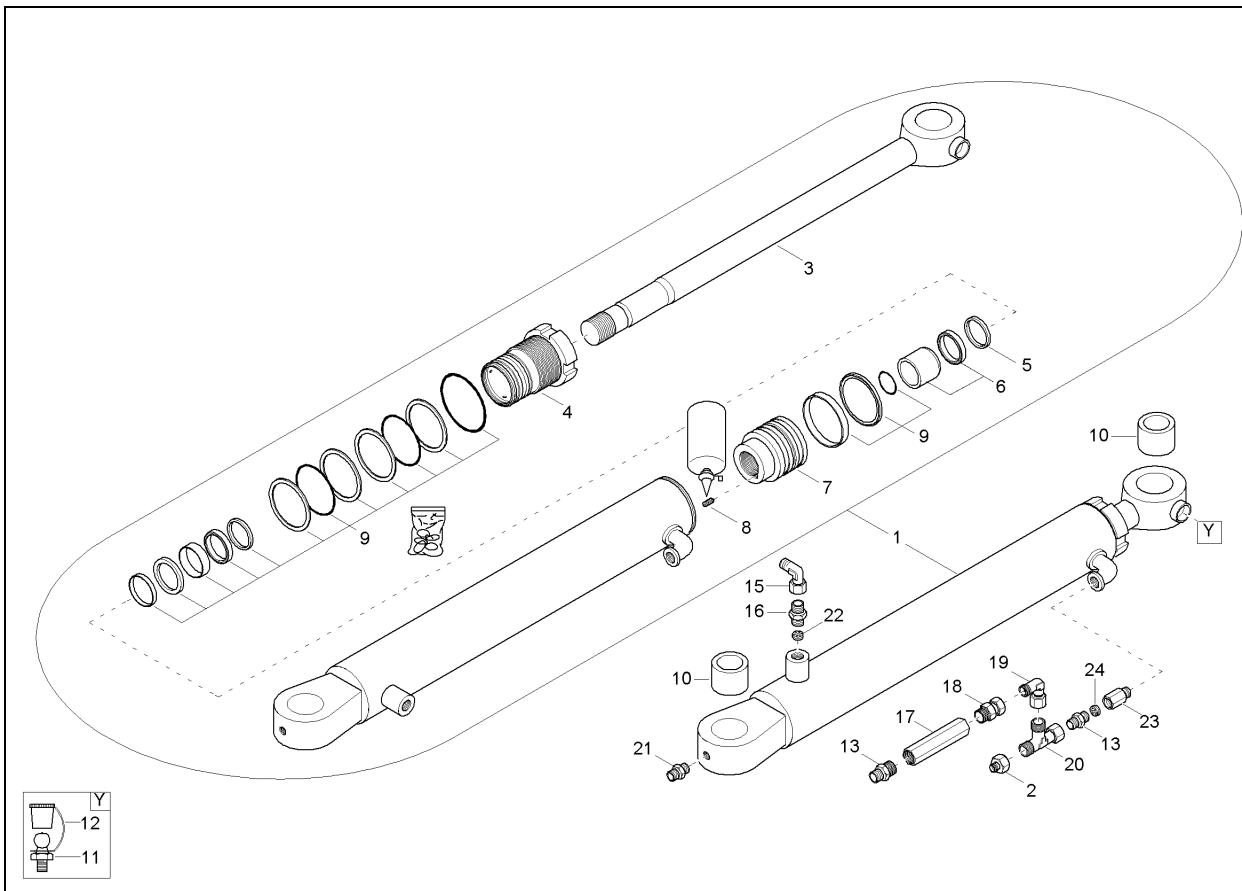
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 8002323G	HP HOSE	2	5 162426	HP HOSE	1
2 161225	HP HOSE	1	6 8004355G	HP HOSE	2
3 204022	HP HOSE	1	7 164800	HP HOSE	1
4 8004372G	HP HOSE	1			

**153 - BOOM OFFSET CYLINDER INSTALLATION**  
**1000132005 (SN AC01799 AND BEFORE)**



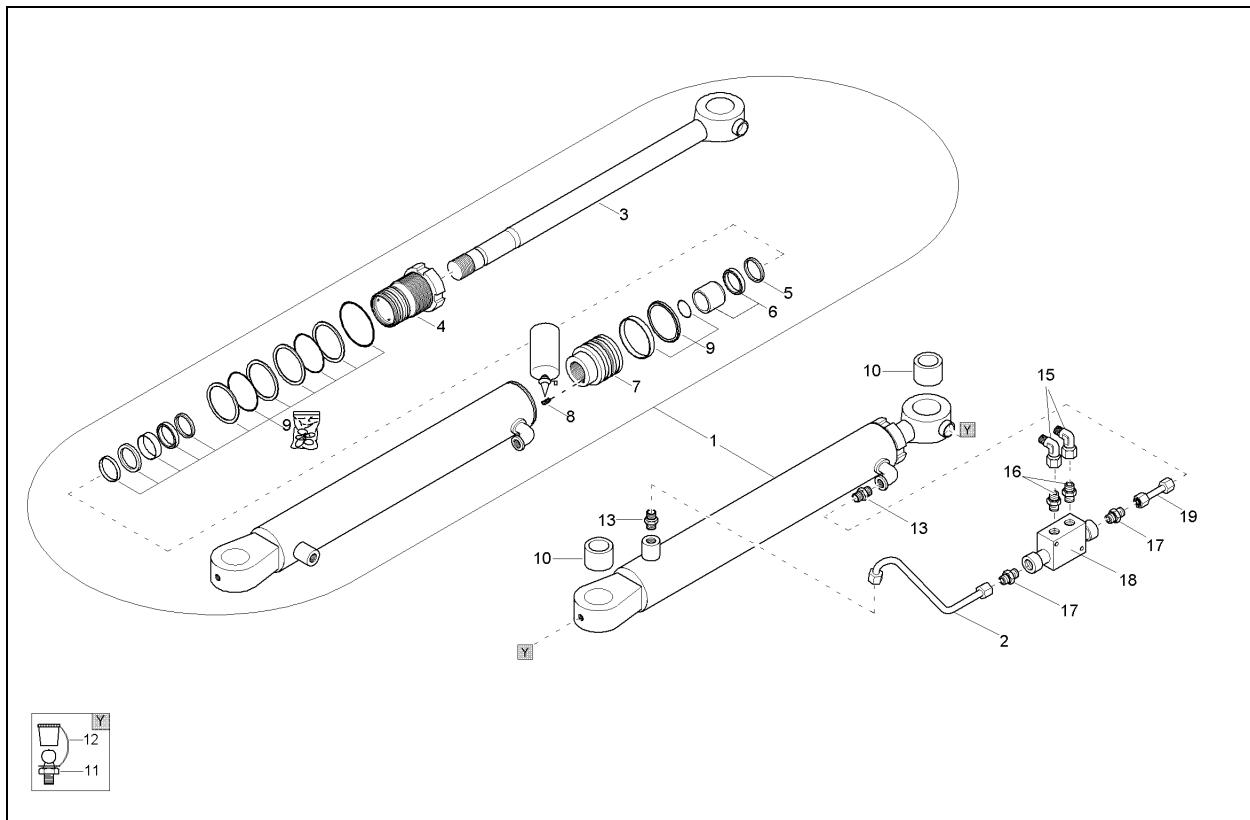
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8002313G	HP HOSE	1	5	162426	HP HOSE	1
2	8001858G	HP HOSE	1	6	8004355G	HP HOSE	2
3	204022	HP HOSE	1	7	164800	HP HOSE	1
4	8004372G	HP HOSE	1	8	161225	HP HOSE	1

**153 - BOOM OFFSET CYLINDER**  
**1000151982/1000131346 (SN AD00454 AND UP)**



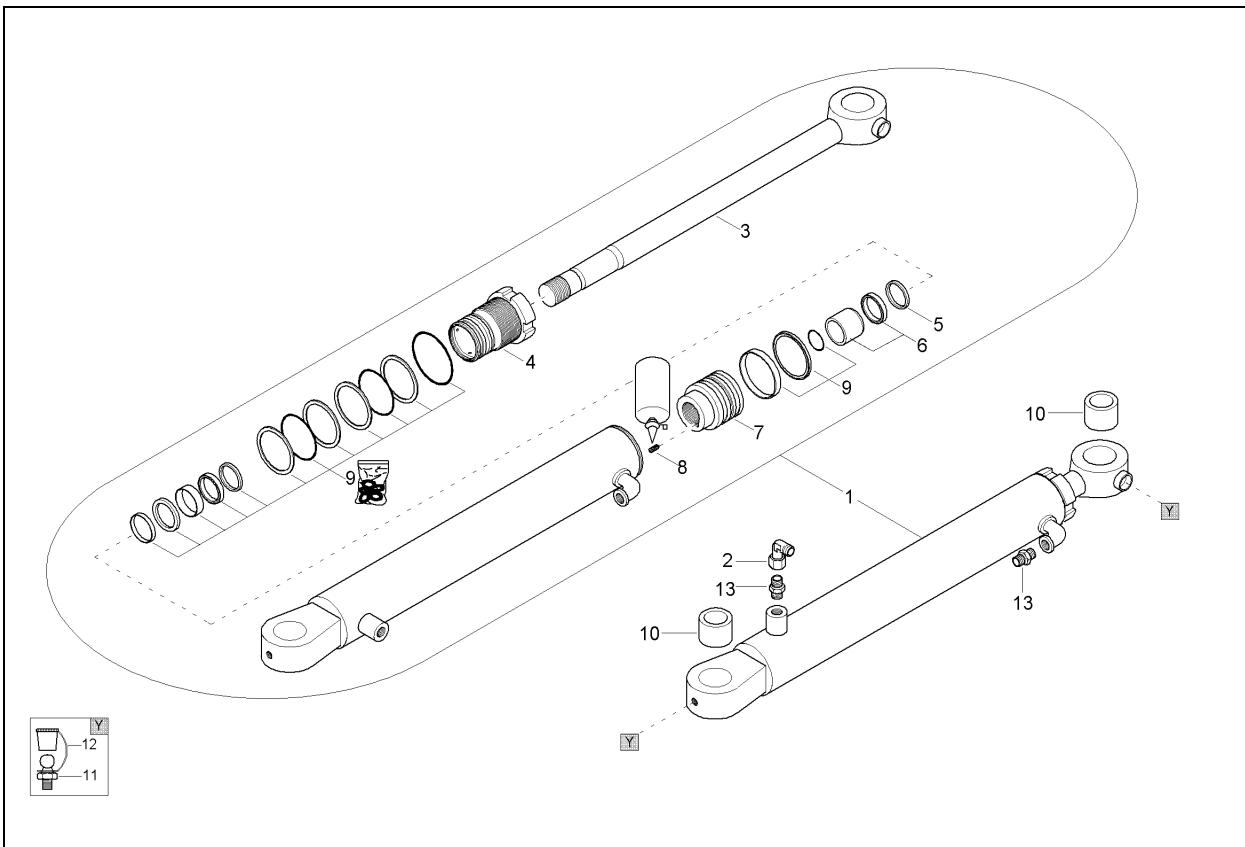
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204049	BOOM OFFSET CYLINDER	1	13	161429	SCREW JOINT 12L	2
2	163116	REDUCTION JOINT	1	15	161443	90° FITTING	1
3	1528015G	PISTON ROD	1	16	161427	SCREW JOINT	1
4	160681	BUSHING	1	17	178456	NONRETURN VALVE	1
5	160682	RING	1	18	162063	SCREW JOINT	1
6	206816	CUSHION	1	19	161445	90° FITTING	1
7	1528017G	PISTON	1	20	162062	ELBOW	1
8	161400	SET SCREW	1	21	161461	SCREW JOINT	1
9	1529425G	SEAL KIT	1	22	160651	RESTRICTOR (SN AE00150 AND UP)	1
10	161545	BUSHING	2	23	161357	CONNECTOR (SN AE00150 AND UP)	1
11	161411	GREASE ZERK-7MM HEX HEAD	1	24	165896	RESTRICTOR (SN AE00150 AND UP)	1
12	161422	CAP	1				

**153 - BOOM OFFSET CYLINDER**  
**1000131838 (SN AC01800 - AD00453)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204049	BOOM OFFSET CYLINDER	1	10	161545	BUSHING	2
2	178754	TUBE	1	11	161411	GREASE ZERK-7MM HEX HEAD	2
3	1528015G	PISTON ROD	1	12	161422	CAP	1
4	160681	BUSHING	1	13	161428	SCREW JOINT 10L	2
5	160682	RING	1	15	161443	90° FITTING	2
6	206816	CUSHION	1	16	161426	SCREW JOINT	2
7	1528017G	PISTON	1	17	163113	SCREW JOINT	2
8	161400	SET SCREW	1	18	160667	NON RETURN VALVE	1
9	1529425G	SEAL KIT	1	19	178753	TUBE	1

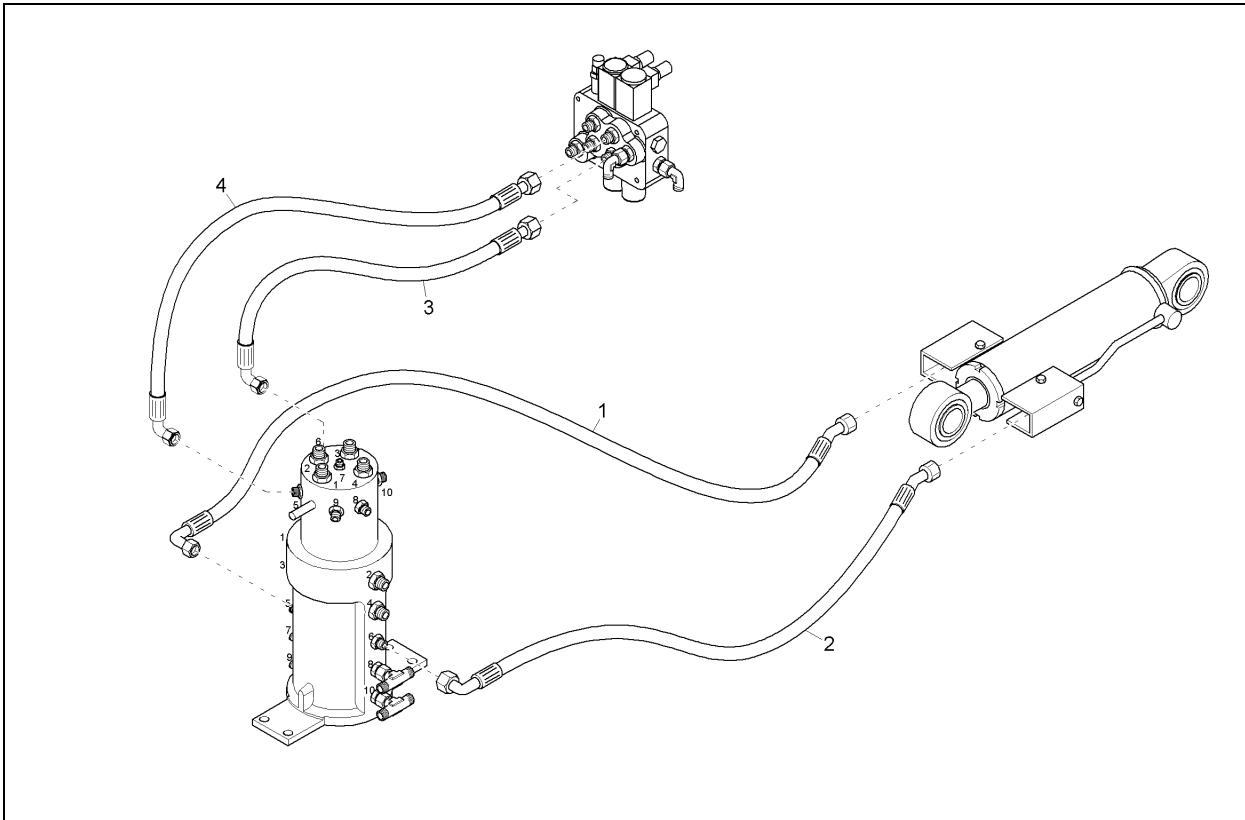
**153 - BOOM OFFSET CYLINDER**  
**1000131837 (SN AC01799 AND BEFORE)**



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	204049	BOOM OFFSET CYLINDER	1	8	161400	SET SCREW	1
2	161443	90° FITTING	1	9	1529425G	SEAL KIT	1
3	1528015G	PISTON ROD	1	10	161545	BUSHING	2
4	160681	BUSHING	1	11	161411	GREASE ZERK-7MM HEX HEAD	2
5	160682	RING	1	12	161422	CAP	1
6	206816	CUSHION	1	13	161427	SCREW JOINT	2
7	1528017G	PISTON	1				

# 153 - DOZER BLADE CYLINDER INSTALLATION

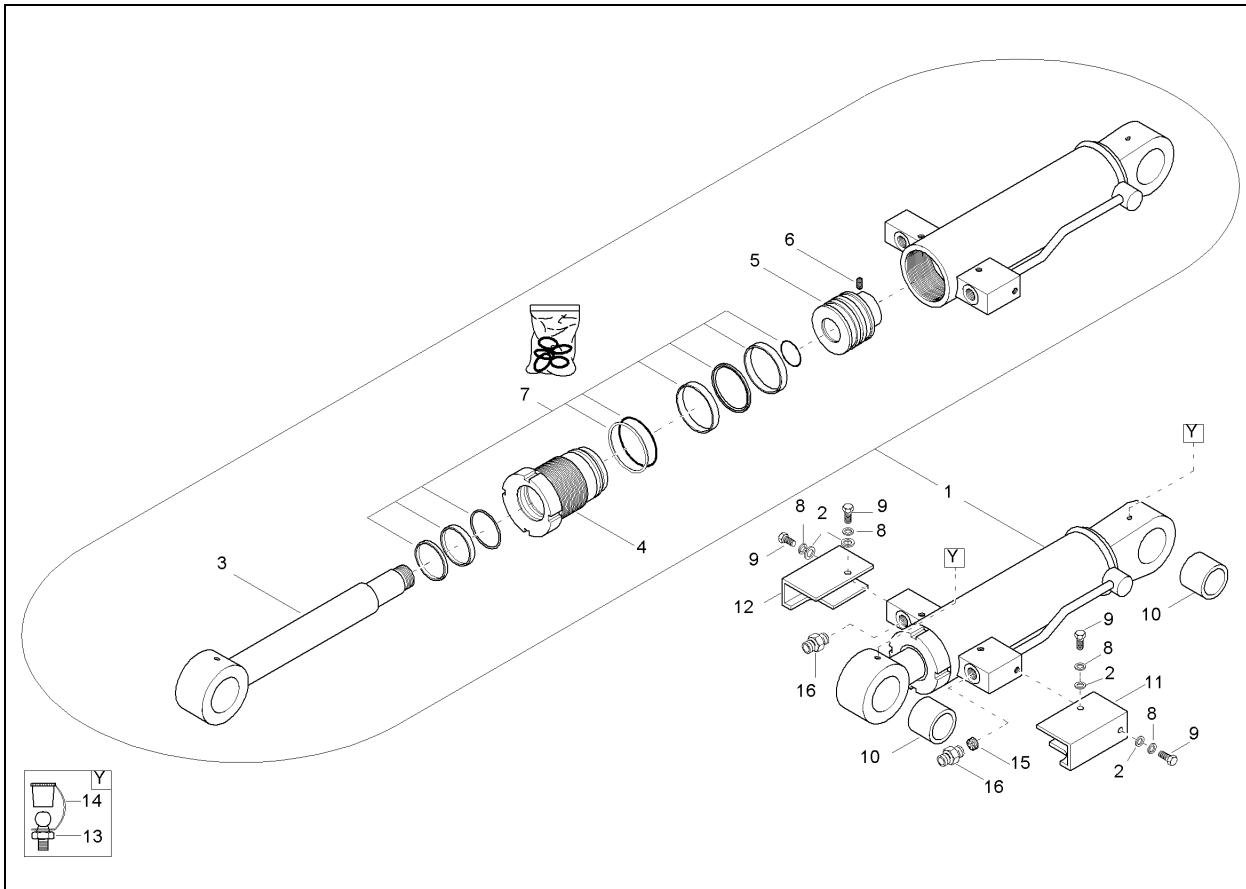
1000131366/1000132007



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 161273	HP HOSE	1	3 161260	HP HOSE	1
2 161274	HP HOSE	1	4 165845	HP HOSE	1

# 153 - BLADE CYLINDER

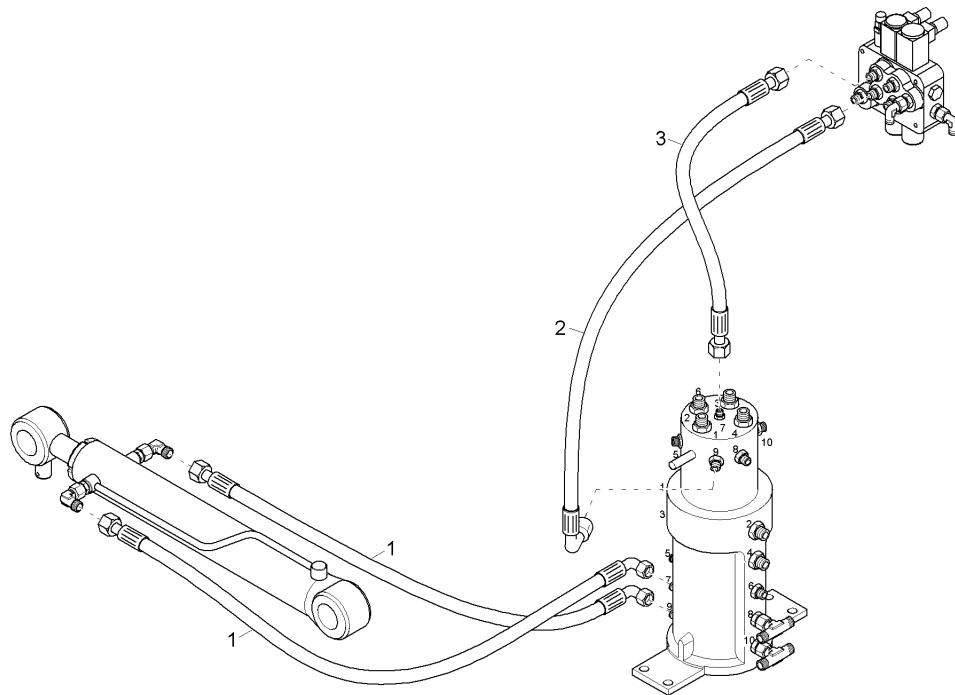
1000131482/1000131967



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	204052	DOZER BLADE CYLINDER COMPLETE	1	10	161544	BUSHING	2	
2	163634	WASHER	4	11	161757	PROTECTION	1	
3	1528059G	PISTON ROD	1	12	161756	PROTECTION	1	
4	*	GUIDE BUSHING	1	13	161411	GREASE ZERK-7MM HEX HEAD	2	
5	*	PISTON	1	14	161416	CAP	2	
6	161400	SET SCREW	1	15	1428449G	RESTRICTOR	1	
7	1529424G	SEAL KIT	1	16	161427	SCREW JOINT	2	
8	163670	LOCKWASHER	4	* For service use 204052 (Dozer Blade Cylinder), replacing 1528050G (Guide Bushing) and 1528051G (Piston).				
9	651430	CS M8-1.25X12 C8.8 ZY DIN931	4					

# 153 - TELESCOPIC CYLINDER INSTALLATION

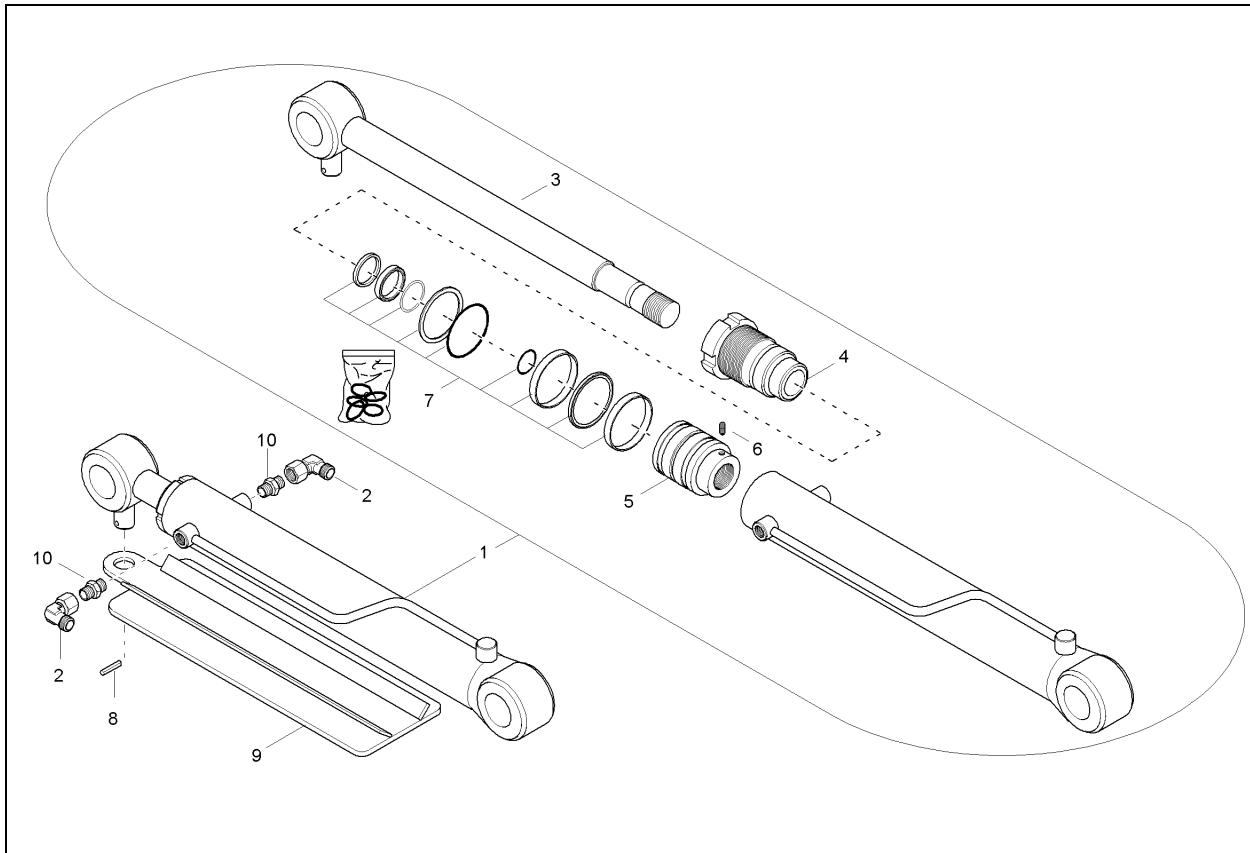
1000131489/1000131984



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8002323G	HP HOSE	2	3	8002124G	HP HOSE	1
2	161257	HP HOSE	1				

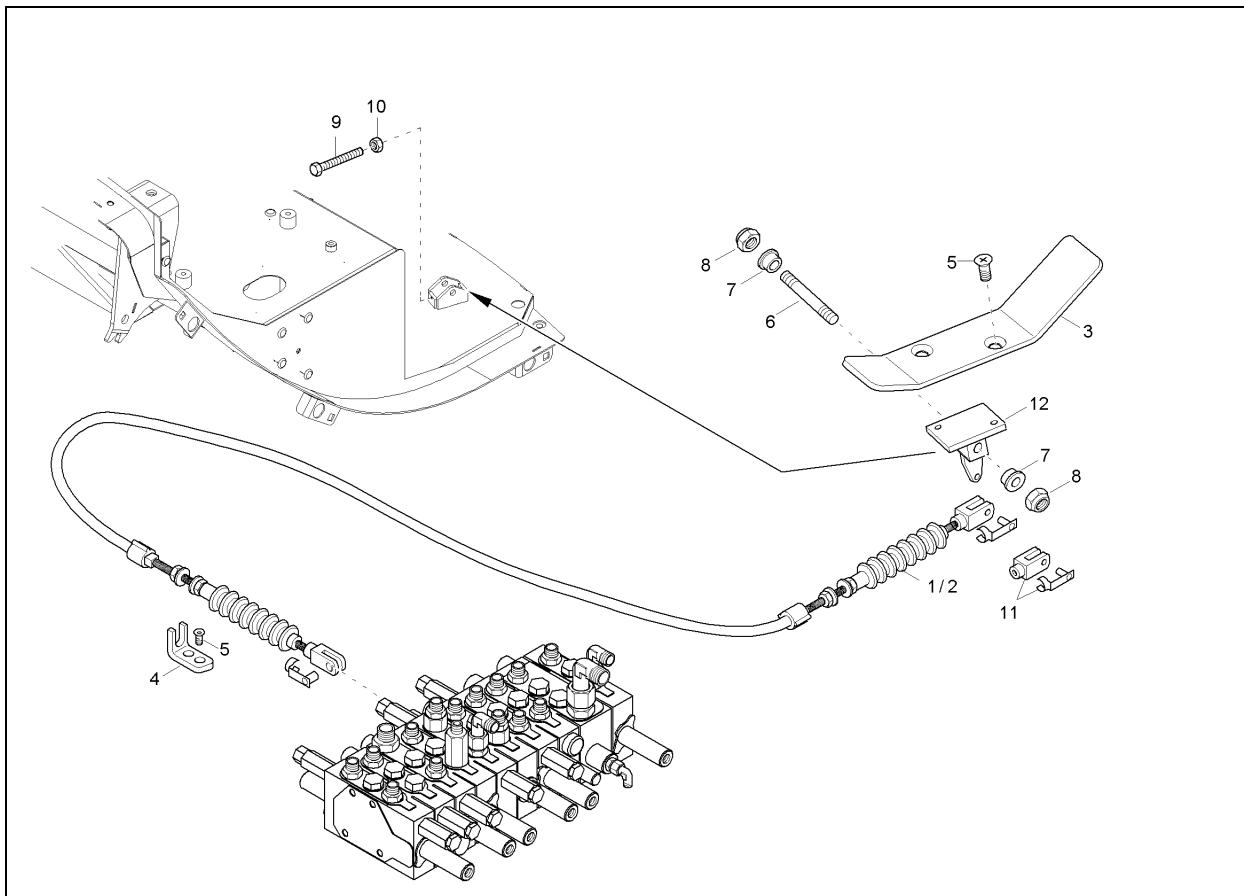
# 153 - TELESCOPIC CYLINDER

1000131483/1000131968



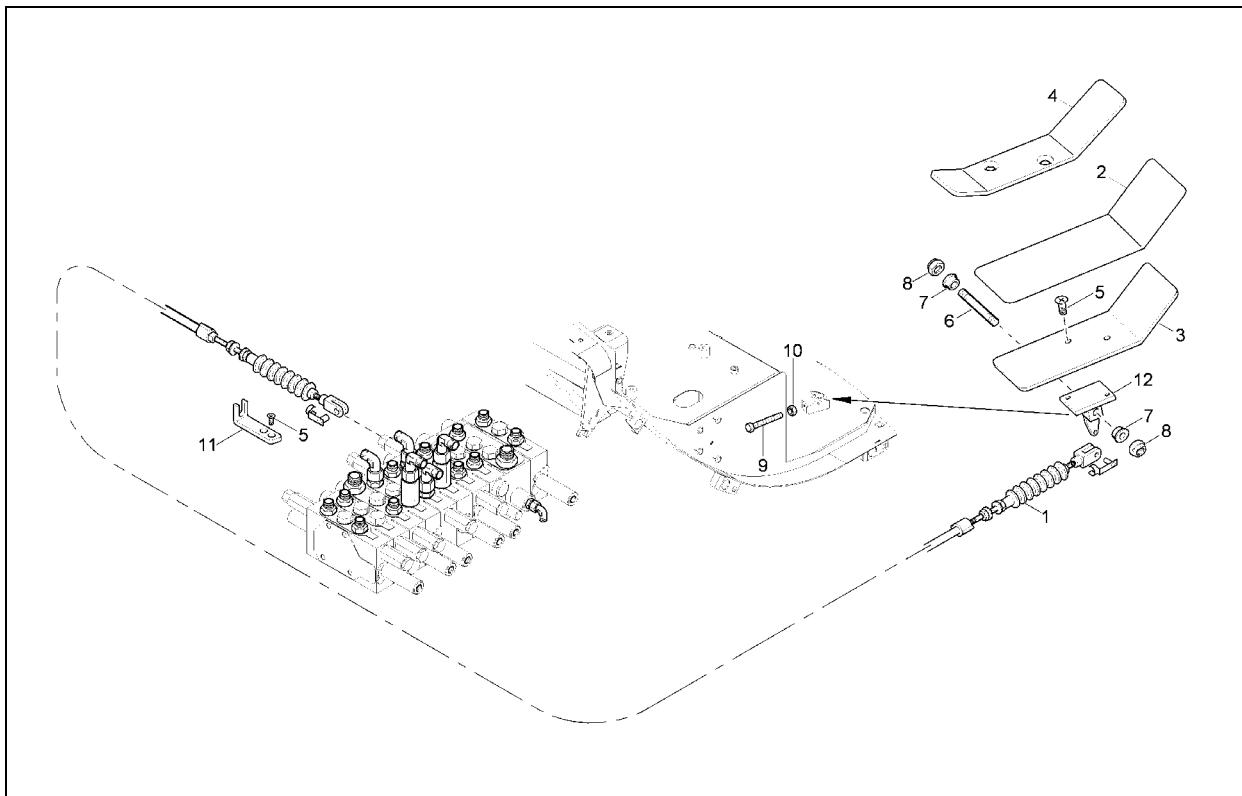
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 204048	CYLINDER/TELESCOPIC	1	6 161401	SET SCREW	1
2 161443	90° FITTING	2	7 160704	SEAL KIT	1
3 160618	ROD/PISTON	1	8 651468	PIN/SPRING M5X36	1
4 160617	BUSHING	1	9 160616	SHIELD	1
5 160620	PISTON	1	10 161427	SCREW JOINT	2

**153 - AUXILIARY HYDRAULICS**  
**1000149064/1000131339 (SN AD00454 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206813	CABLE KIT (SN AD01439 AND BEFORE)	1	7	165567	BEARING	2
2	165058	CABLE (SN AD01440 AND UP)	1	8	179793	NUT	2
3	206346	PEDAL	1	9	162021	SCREW	2
4	1921110G	BRACKET	1	10	656100	HN M5-0.8 C8 ZY DIN934	2
5	651465	FHSCS M8-1.25X16 C8.8 ZY DIN7991	4	11	206347	CLEVIS (SN AD01440 AND UP)	1
6	165550	PIN	1	12	165548	LEVER	1

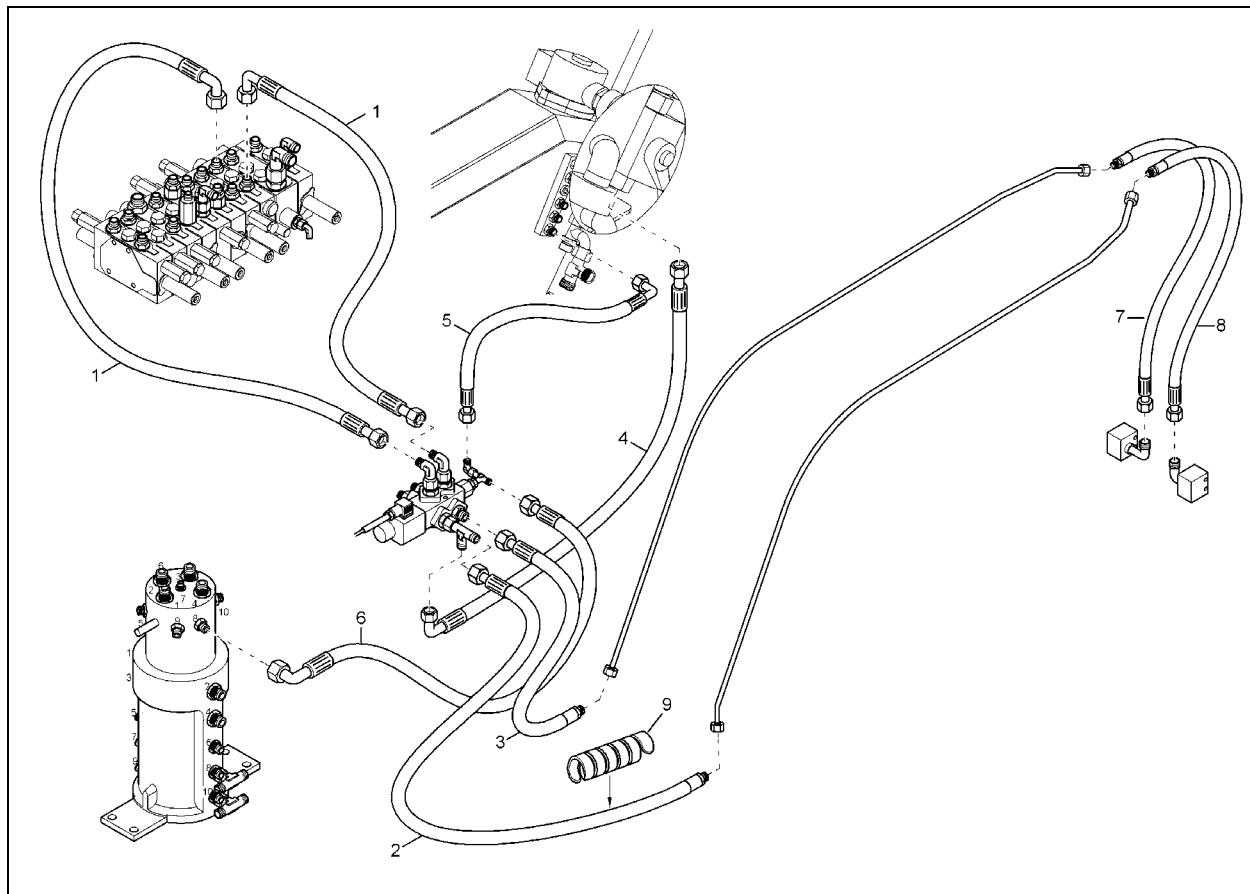
**153 - AUXILIARY HYDRAULICS**  
**1000131983 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206813	CABLE KIT	1	8	179793	NUT	2
2	165523	RUBBER (SN AC01728 AND BEFORE)	1	9	162021	SCREW	2
3	*	PEDAL/AUX. HYD (SN AC01728 AND BEFORE)	1	10	656100	HN M5-0.8 C8 ZY DIN934	2
4	206346	PEDAL (SN AC01729 AND UP)	1	11	1921110G	BRACKET	1
5	651465	FHSCS M8-1.25X16 C8.8 ZY DIN7991	4	12	165548	LEVER	1
6	165550	PIN	1				
7	165567	BEARING	2				

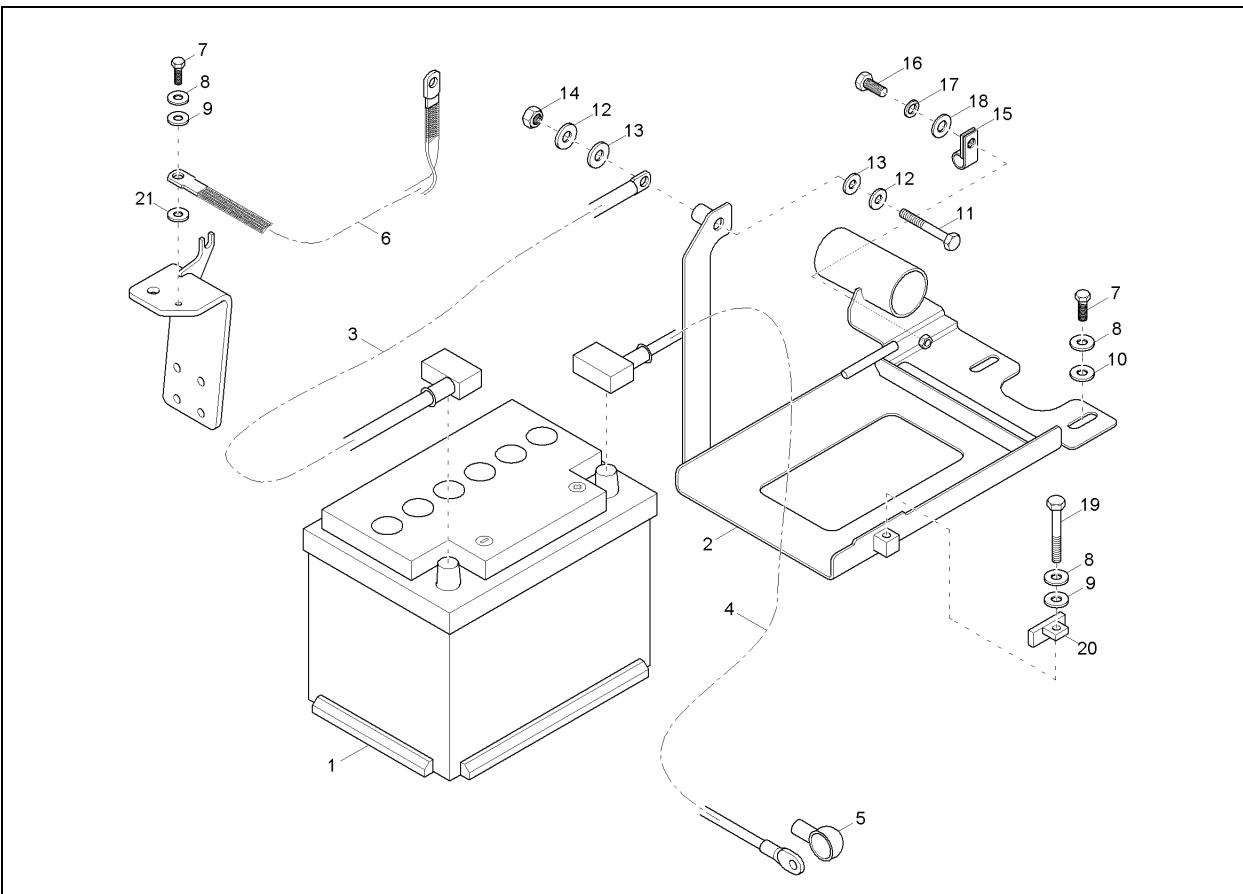
\* For service use 206346 (Pedal) to replace 165549 (Pedal/Aux. Hyd.).

**153 - AUXILIARY FUNCTION INSTALLATION**  
**1000131373 (SN AD00454 AND UP)**



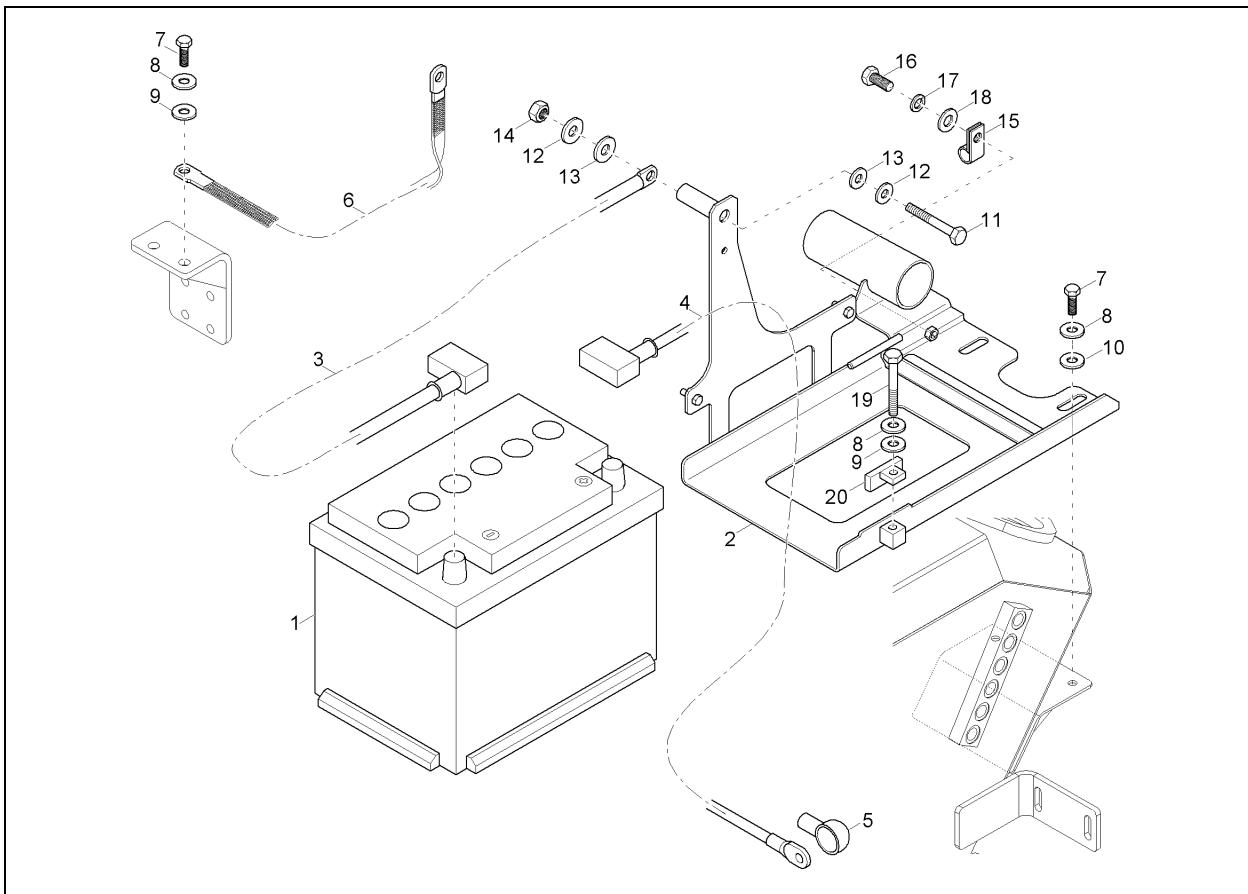
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	8004355G	HP HOSE	2	8	8005278G	HP HOSE (SHORT DIPPER ARM)	1
2	178523	HP HOSE	1	8	8005091G	HP HOSE (LONG DIPPER ARM, OPTION)	1
3	178521	HP HOSE	1	9	204018	PROTECTION HOSE, .75M (SN AF02673 AND UP)	1
4	162426	HP HOSE	1				
5	161225	HP HOSE	1				
6	164800	HP HOSE	1				
7	8004360G	HP HOSE (SHORT DIPPER ARM)	1				
	8004375G	HP HOSE (LONG DIPPER ARM, OPTION)	1				

**153 - BATTERY**  
**1000148845 (SN AE00001 AND UP)**



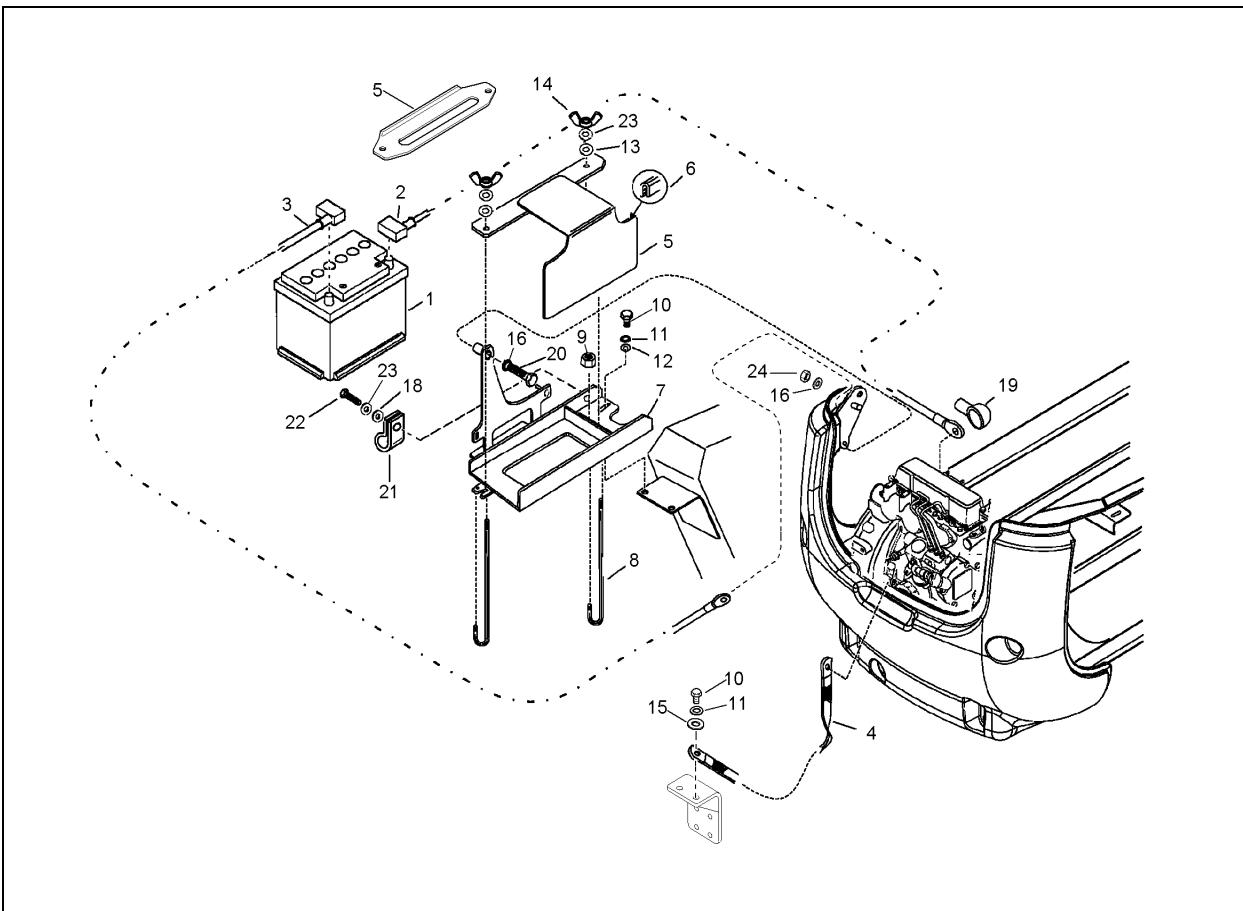
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BATTERY	1	13	161640	WASHER/GR A 10.5	2
2	206349	BATTERY CARRIER	1	14	656102	HN M10-1.25 F8 ZY DIN934	1
3	161851	BATTERY CABLE - NEGATIVE	1	15	165114	CLAMP	1
4	161850	CABLE	1	16	651424	CS M6-1X20 C8.8 ZY DIN931	1
5	161994	CAP	1	17	161675	LOCKWASHER S6	1
6	165224	GROUND CABLE	1	18	161660	WASHER GR A6.4 ZO DIN 125	1
7	177648	HEX SCREW	3	19	178526	SCREW	1
8	163670	LOCKWASHER	3	20	178463	CARRIER	1
9	163634	WASHER	2	21	177461	EXTERNAL TOOTH LOCKWASHER	1
10	7462680011	WASHER 8.4 ST A2C	2			* Purchase locally. Group size 42; 360 CCA	
11	9901348G	SCREW	1				
12	161669	LOCKWASHER S10	2				

**153 - BATTERY**  
**1000131380 (SN AD00454 - AD04191)**



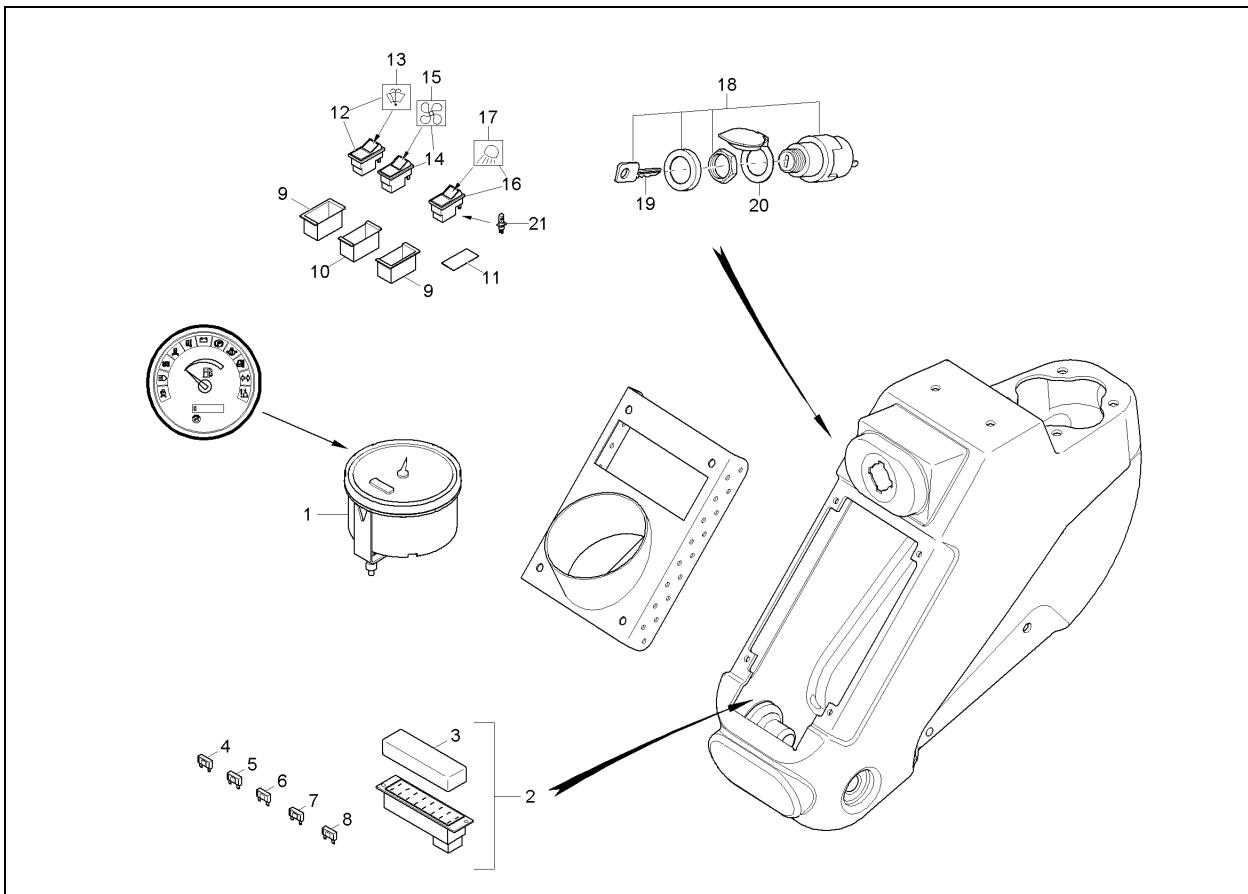
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BATTERY	1	12	161669	LOCKWASHER S10	2
2	178461	BATTERY CARRIER	1	13	161640	WASHER/GR A 10.5	2
3	161851	BATTERY CABLE - NEGATIVE	1	14	656102	HN M10-1.25 F8 ZY DIN934	1
4	161850	CABLE	1	15	165114	CLAMP	1
5	161994	CAP	1	16	651424	CS M6-1X20 C8.8 ZY DIN931	1
6	165224	GROUND CABLE	1	17	161675	LOCKWASHER S6	1
7	177648	HEX SCREW	3	18	161660	WASHER GR A6.4 ZO DIN 125	1
8	163670	LOCKWASHER	3	19	178526	SCREW	1
9	163634	WASHER	2	20	178463	CARRIER	1
10	7462680011	WASHER 8.4 ST A2C	2			* Purchase locally. Group size 42; 360 CCA	
11	9901348G	SCREW	1				

**153 - BATTERY**  
**1000131891 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	*	BATTERY	1	13	7462680008	WASHER	2	
2	161850	CABLE	1	14	9902115G	NUT	2	
3	161851	BATTERY CABLE - NEGATIVE	1	15	163634	WASHER	1	
4	165224	GROUND CABLE	1	16	161669	LOCKWASHER S10	2	
5	1521011G	CARRIER (SN AC00895 AND UP)	1	17	161640	WASHER/GR A 10.5	2	
	1521008G	BRACKET (SN AC00894 AND BEFORE)	1	18	161660	WASHER GR A6.4 ZO DIN 125	1	
6	207220	PVC EDGE PROTECTION (0.4M) (SN AC00894 AND BEFORE)	1	19	161994	CAP	1	
7	1521007G	BATTERY CARRIER	1	20	9901348G	SCREW	1	
8	1421175G	PVC-EDGE PROTECTION	2	21	165114	CLAMP	1	
9	651457	LN INS M6-1 C8 ZY DIN6924	1	22	651424	CS M6-1X20 C8.8 ZY DIN931	1	
10	177648	HEX SCREW	3	23	161675	LOCKWASHER S6	3	
11	163670	LOCKWASHER	3	24	656102	HN M10-1.25 F8 ZY DIN934	1	
12	7462680011	WASHER 8.4 ST A2C	2	* Purchase locally. Group size 42; 360 CCA				

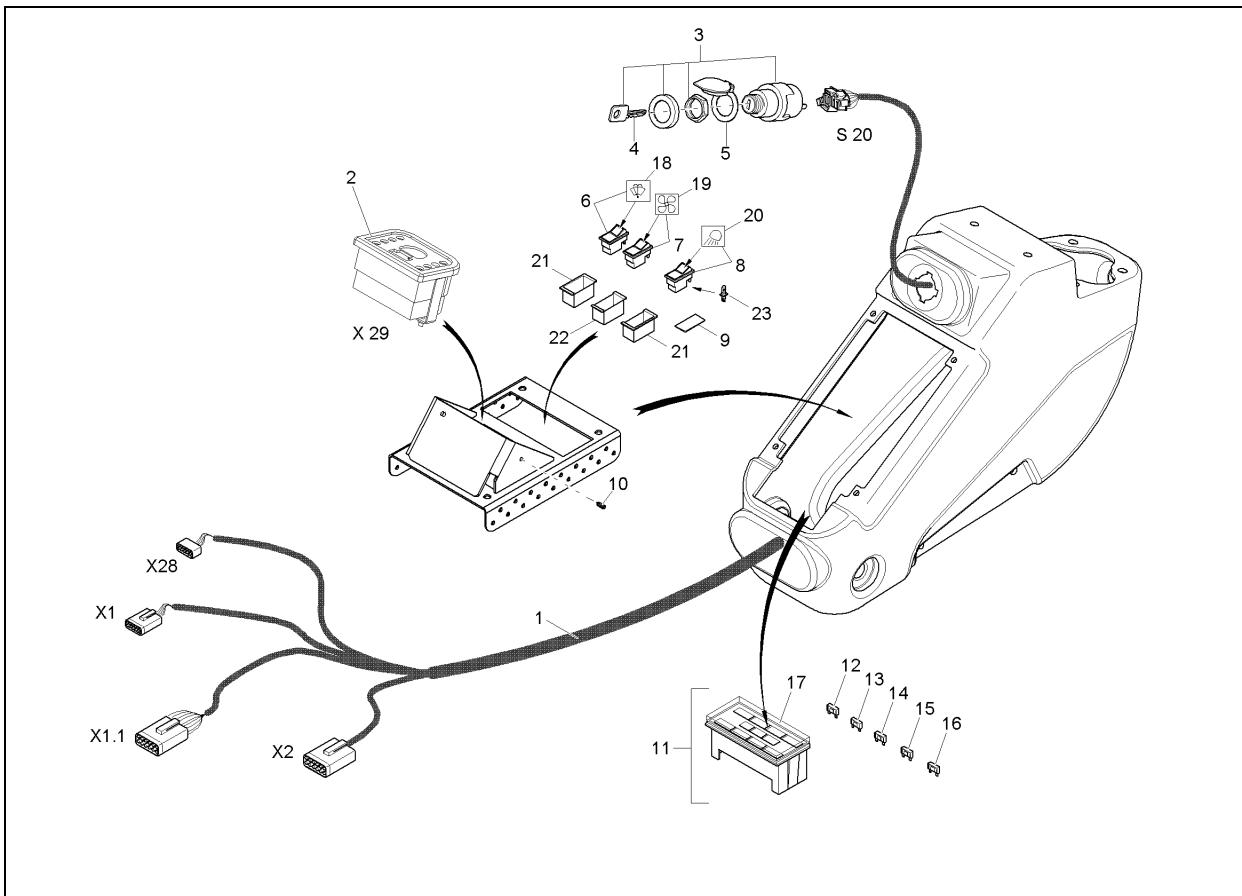
**153 - DASHBOARD**  
**1000148621 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177095	INSTRUMENT CLUSTER	1	12	165235	WINDSHIELD WIPER SWITCH	1
2	177976	FUSE BOX	1	13	164709	WIPER SYMBOL	1
3	177977	COVER/FUSE BOX	1	14	165236	ROCKER SWITCH	1
4	161376	FUSE 7.5 A	1	15	164708	VENTILATION FAN SYMBOL	1
5	161374	FUSE 10 A	1	16	165238	LIGHT SWITCH	1
6	161375	FUSE 15 A	1	17	164879	WORK LIGHT SYMBOL	1
7	162836	FUSE 30 A	1	18	0003331306	PREHEATING START SWITCH W/KEYS	1
8	164868	FUSE 20 A	1	19	101792	KEY	1
9	209197	FRAME	2	20	161368	COVER	1
10	209196	FRAME	3	21	177646	BULB	1
11	0003320872	BLANK	2				

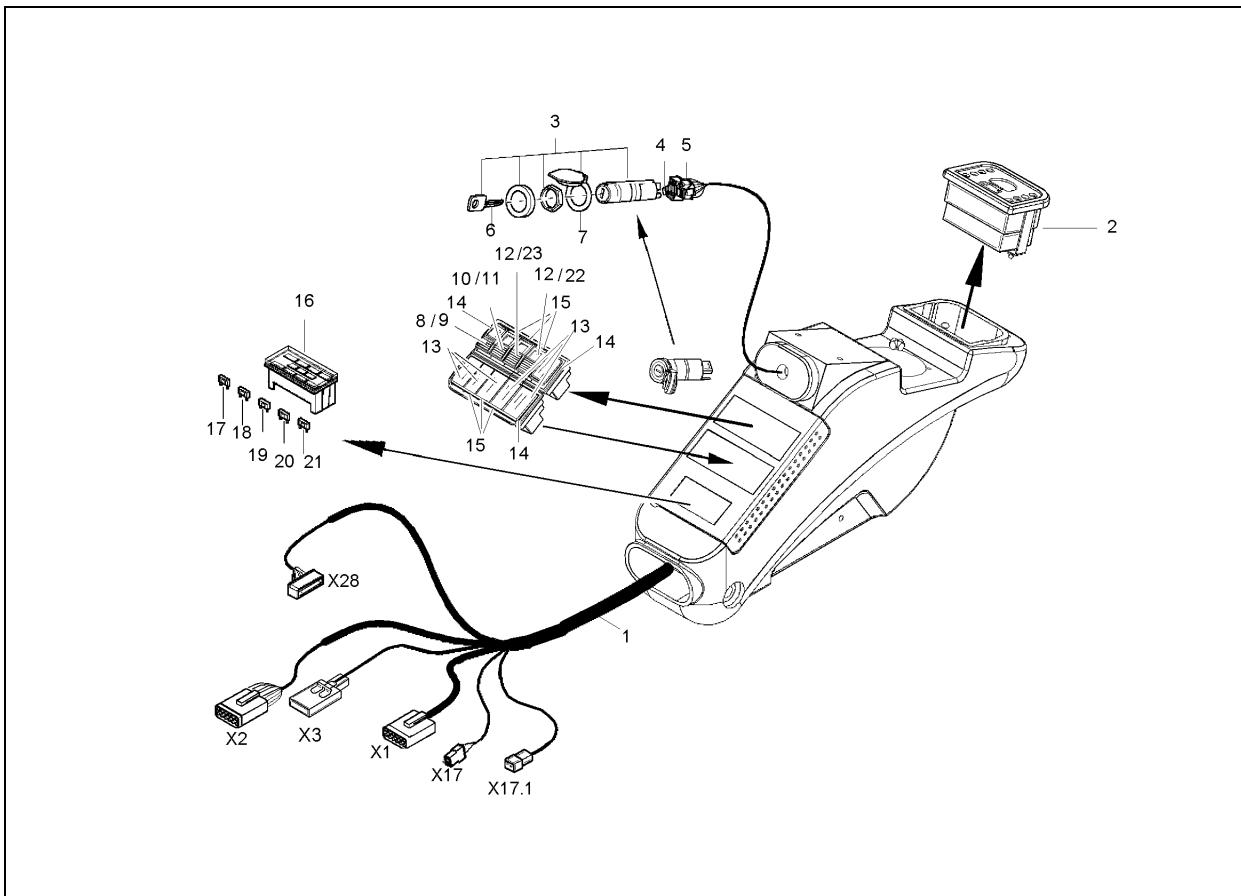
# 153 - DASHBOARD

1000132087 (SN AC01876 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178721	WIRE HARNESS ARMREST	1	13	161374	FUSE 10 A	1
2	1424401G	DISPLAY UNIT	1	14	161375	FUSE 15 A	1
3	0003331306	PREHEATING START SWITCH W/KEYS	1	15	162836	FUSE 30 A	1
4	101792	KEY	1	16	164868	FUSE 20 A	1
5	161368	COVER	1	17	205343	COVER FUSE BOX	1
6	165235	WINDSHIELD WIPER SWITCH	1	18	164709	WIPER SYMBOL	1
7	165236	ROCKER SWITCH	1	19	164708	VENTILATION FAN SYMBOL	1
8	165238	LIGHT SWITCH	1	20	164879	WORK LIGHT SYMBOL	1
9	0003320872	BLANK	2	21	209196	FRAME	2
10	179777	SET SCREW	2	22	209197	FRAME	3
11	161364	FUSE BOX	1	23	177646	BULB	3
12	161376	FUSE 7.5 A	1				

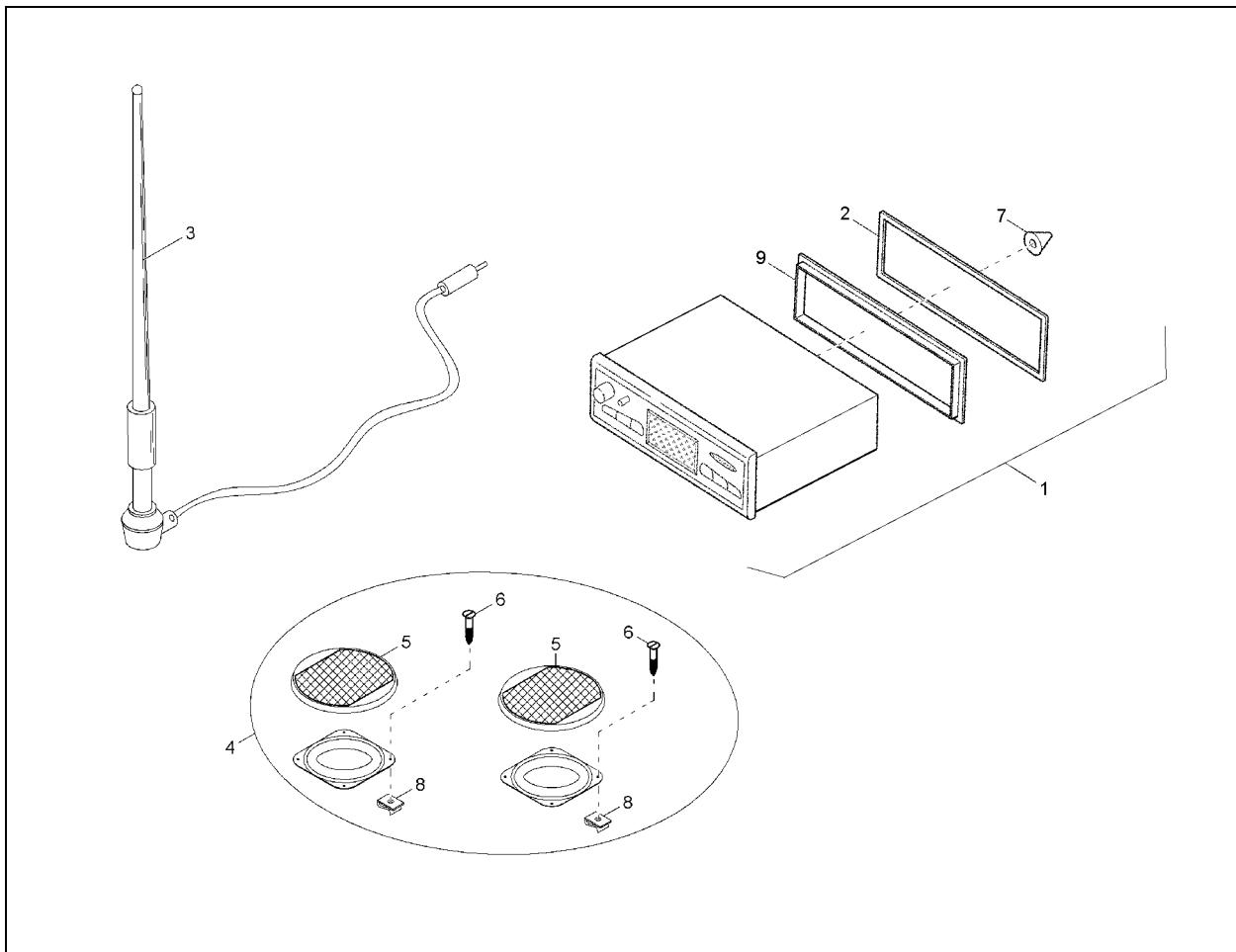
**153 - DASHBOARD**  
**1000132086 (SN AC01875 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165231	ARMREST-HARNESS WIRING	1	13	0003320872	BLANK	6
2	1424401G	DISPLAY UNIT	1	14	209196	FRAME	4
3	164695	IGNITION LOCK	1	15	209197	FRAME	6
4	164889	CONNECTOR	1	16	161364	FUSE BOX	1
5	164878	CONNECTOR	1	17	161376	FUSE 7.5 A	1
6	164685	KEY	1	18	161374	FUSE 10 A	1
7	164697	COVER	1	19	161375	FUSE 15 A	1
8	164881	ROCKER SWITCH	1	20	162836	FUSE 30 A	1
9	164709	WIPER SYMBOL	1	21	164868	FUSE 20 A	1
10	165236	ROCKER SWITCH	1	22	164879	WORK LIGHT SYMBOL	1
11	164708	VENTILATION FAN SYMBOL	1	23	164710	HIGH SPEED SYMBOL	1
12	164883	ROCKER SWITCH	2				

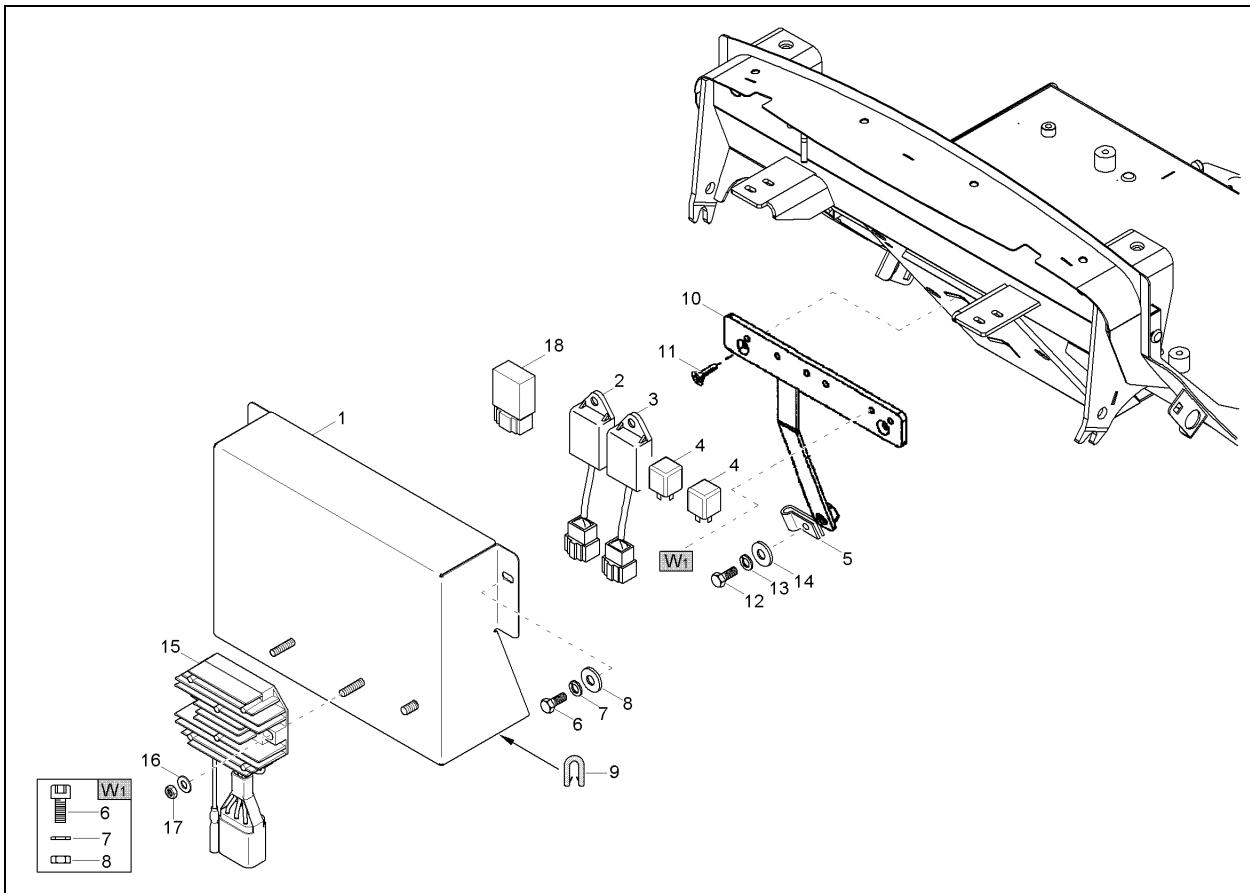
# 153 - RADIO (OPTION)

1000144767/1000144746



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 204027	RADIO	1	6 162035	SCREW	8
2 164187	FRAME	2	7 178107	RUBBER BUFFER	1
3 162839	ANTENNA	1	8 164683	NUT	8
4 165204	SPEAKER KIT	1	9 205940	MOUNTING FRAME	1
5 206003	SPEAKER COVER	2			

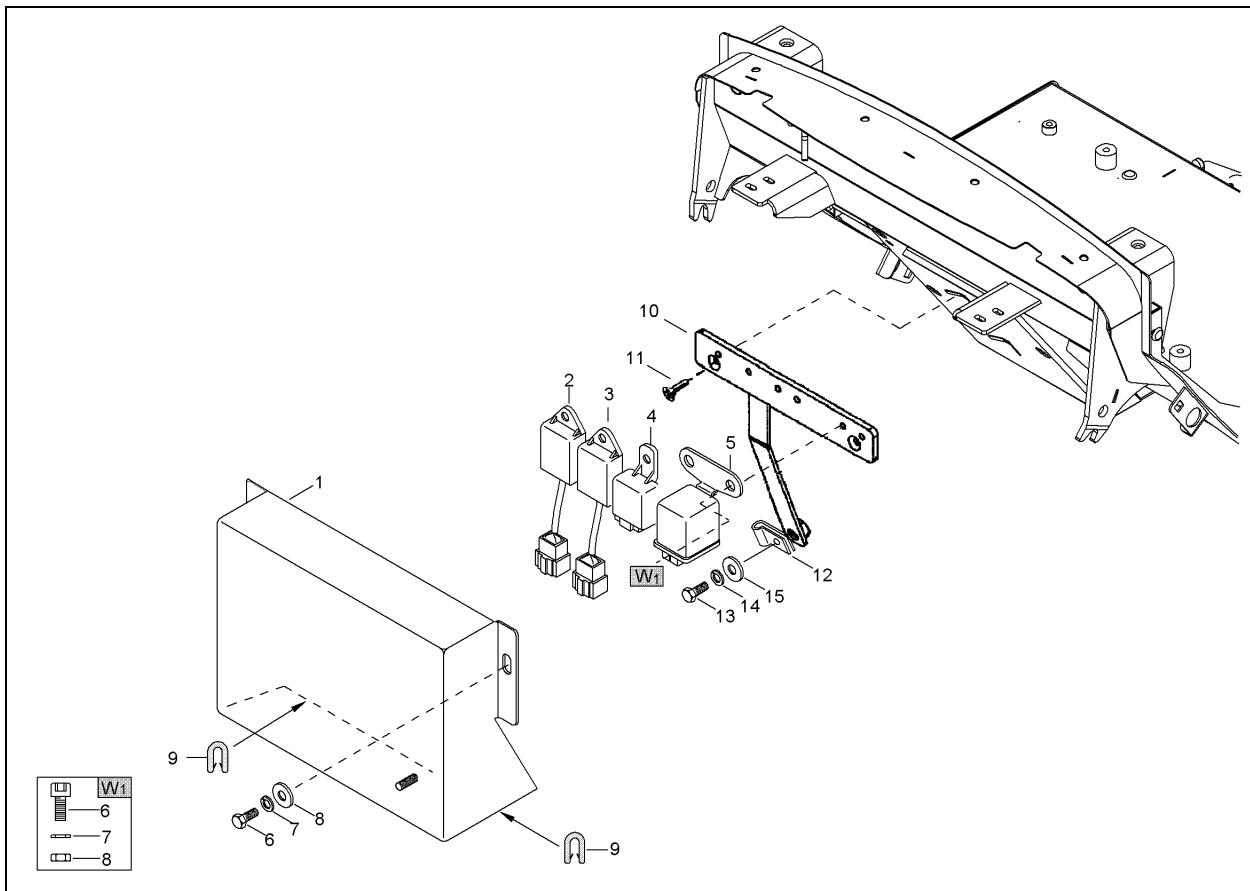
**153 - RELAY BOX**  
**1000148636 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1421032G	RELAY BOX	1	10	1421035G	BRACKET	1
2	160821	RELAY 10 A (ENGINE PRE-HEAT)	1	11	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	2
3	206358	RELAY	1	12	656093	CS M8-1.25X16 C8.8 ZY DIN931	1
4	205214	RELAY 40/60 AMP	2	13	163670	LOCKWASHER	1
5	179855	HOSE COLLAR	1	14	163634	WASHER	1
6	651502	SHCS M5-0.8X10 C8.8 ZY DIN912	4	15	203810	VOLTAGE REGULATOR	1
7	161674	LOCKWASHER S16	4	16	161665	WASHER/GR A 5.3	2
8	161659	WASHER/GR A 5.3 ZO DIN125	4	17	656100	HN M5-0.8 C8 ZY DIN934	2
9	207222	PVC EDGE PROTECTION (0.6M)	1	18	177647	DIODE	1

# 153 - RELAY BOX

1000131395/1000131894 (SN AD04191 AND BEFORE)



Ref.

No. Part No.

Description

Qty.

1	1421032G	RELAY BOX	1
2	160821	RELAY 10 A (ENGINE PRE-HEAT)	1
3	160891	RELAY 10 A (TIMER)	1
4	160890	RELAY (START)	1
5	160889	RELAY - 40 A (SWITCH)	1
6	651502	SHCS M5-0.8X10 C8.8 ZY DIN912	7
7	161674	LOCKWASHER S16	7
8	161659	WASHER/GR A 5.3 ZO DIN125	7

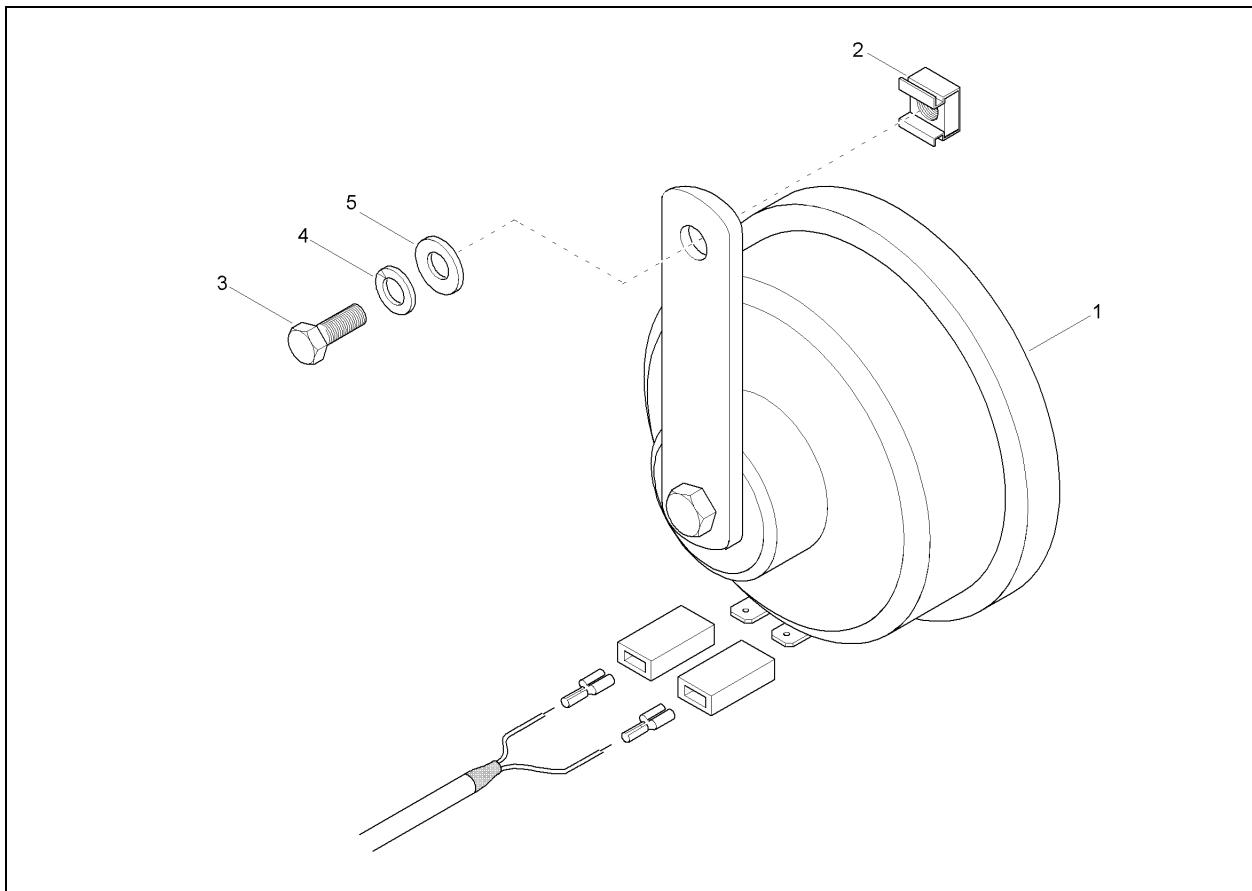
Ref.

No. Part No.

Description

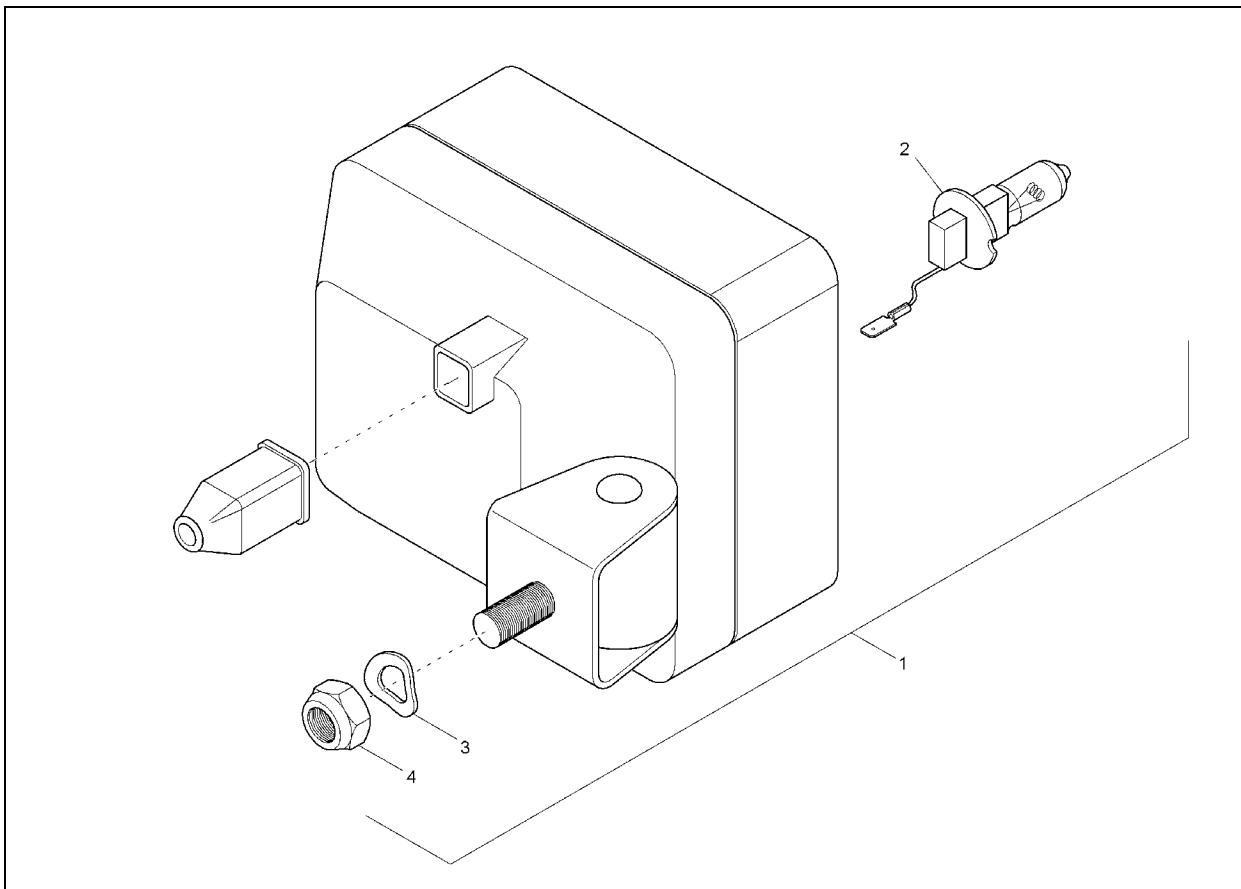
Qty.

9	207222	PVC EDGE PROTECTION (0.6M)	1
10	1421035G	BRACKET	1
11	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	2
12	179855	HOSE COLLAR	1
13	656093	CS M8-1.25X16 C8.8 ZY DIN931	1
14	163670	LOCKWASHER	1
15	163634	WASHER	1



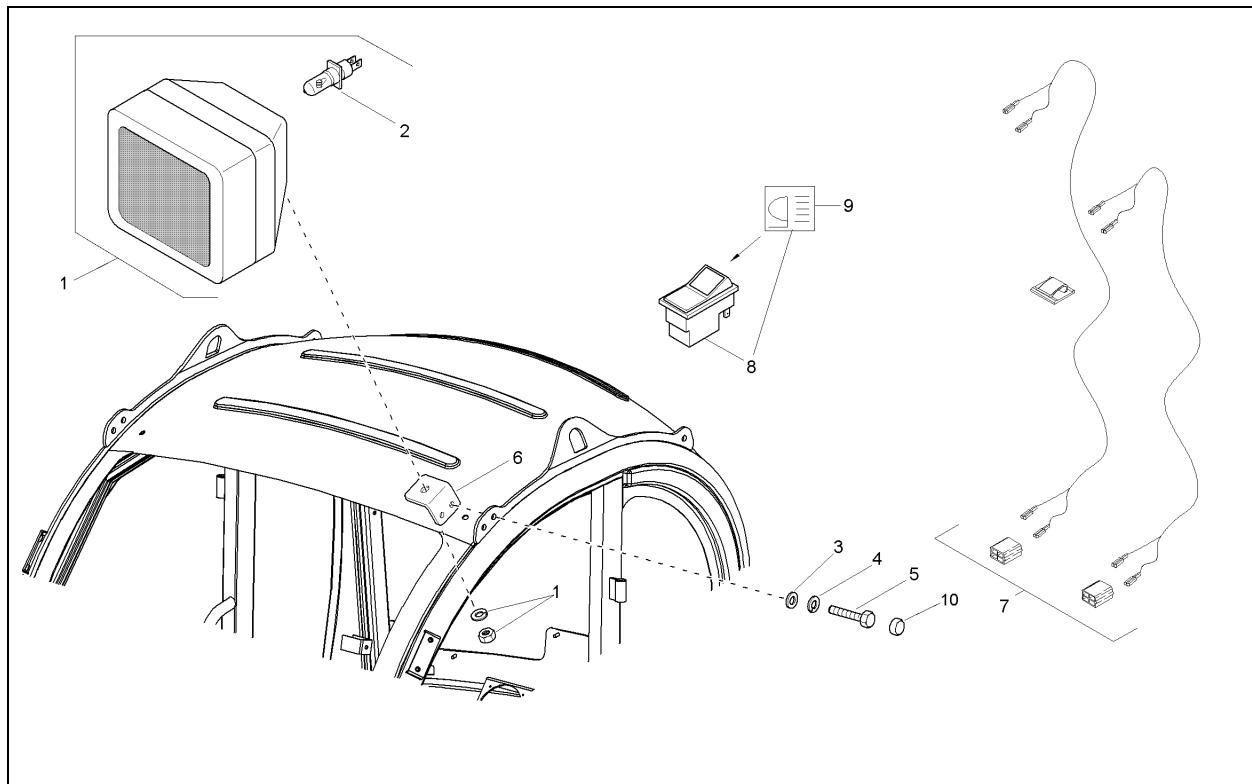
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	161366	HORN	1		4	163670	LOCKWASHER	1
	2	161616	NUT/CAGE M8	1		5	163634	WASHER	1
	3	177648	HEX SCREW	1					

**153 - WORK LIGHT**  
**1000131396/1000131895**



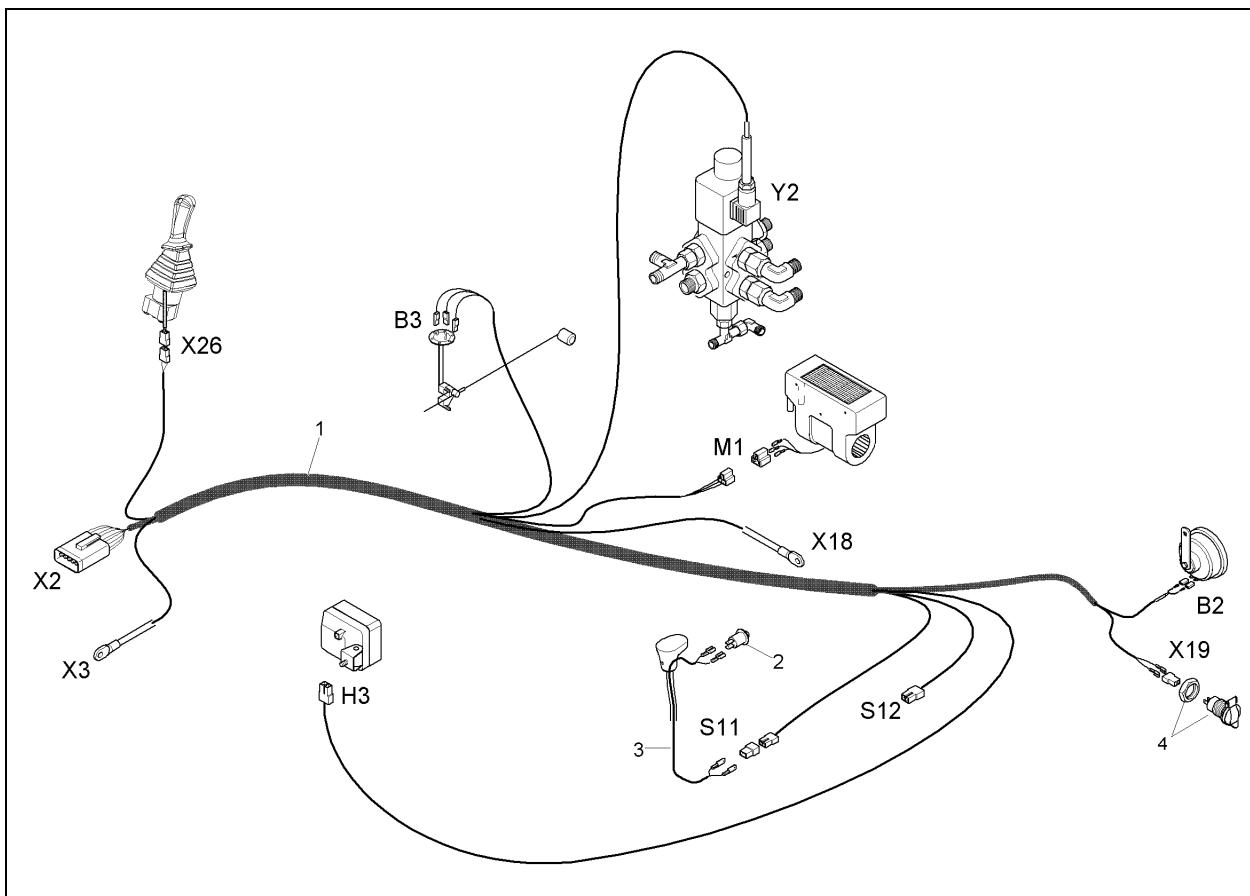
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	1	3	161623	LW SPRING B10 DIN7981	1
2	161367	HALOGEN BULB	1	4	651448	LN INS M10-1.5 C8 ZY DIN6924	1

**153 - CAB WORK LIGHT (OPTION)**  
**1000131397**



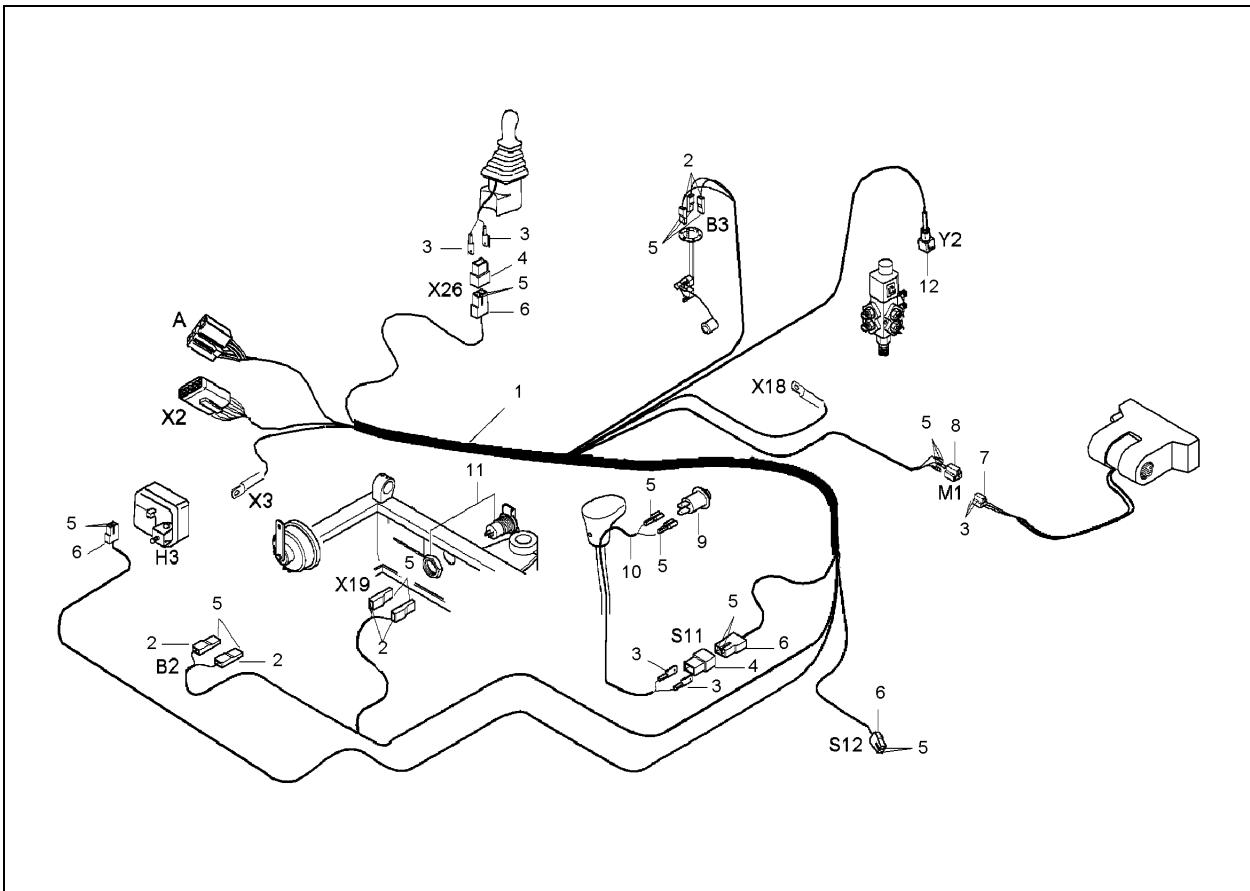
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	2	6	178702	HEADLIGHT ANGLE	2
2	161367	HALOGEN BULB	2	7	178707	CABLE	1
3	7462680011	WASHER 8.4 ST A2C	4	8	178916	WORK LIGHT SWITCH	1
4	163670	LOCKWASHER	4	9	164871	WORK LIGHT SYMBOL	1
5	656093	CS M8-1.25X16 C8.8 ZY DIN931	4	10	165052	COVER	4

**153 - CHASSIS WIRE HARNESS**  
**1000131394/1000131893 (SN AC01876 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178720	WIRE HARNESS CHASSIS	1	3	164284	CABLE	1
2	161363	SWITCH	1	4	161732	SOCKET	1

**153 - CHASSIS WIRE HARNESS  
1000131892 (SN AC01875 AND BEFORE)**

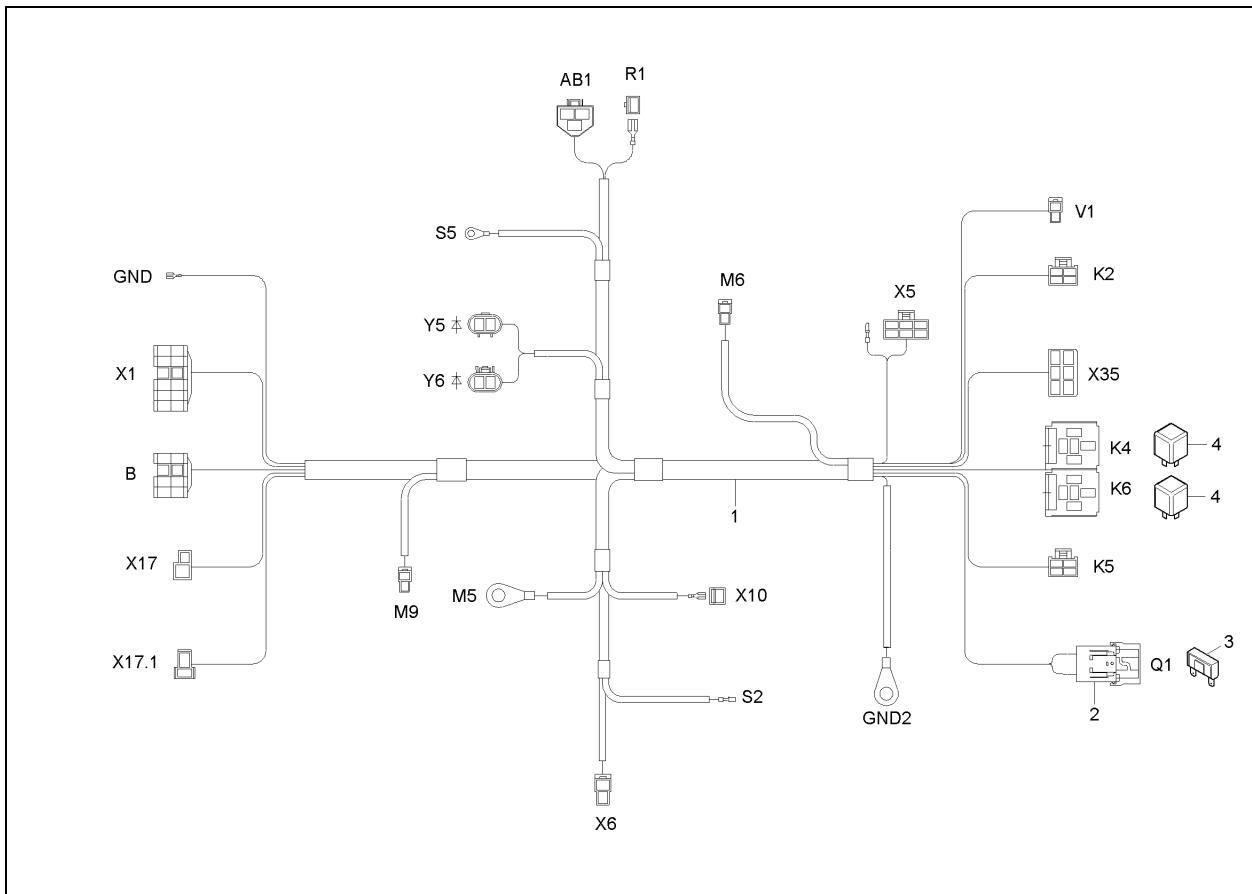


Ref.			
No.	Part No.	Description	Qty.
1	1424438G	CHASSIS WIRE HARNESS	1
2	161999	PLUG	7
3	7571646042	FLAT PLUG A6.3-2.5-BZ-GAL SN	8
4	9709040G	PLUG	2
5	162470	PLUG	21
6	9709160G	PLUG	3

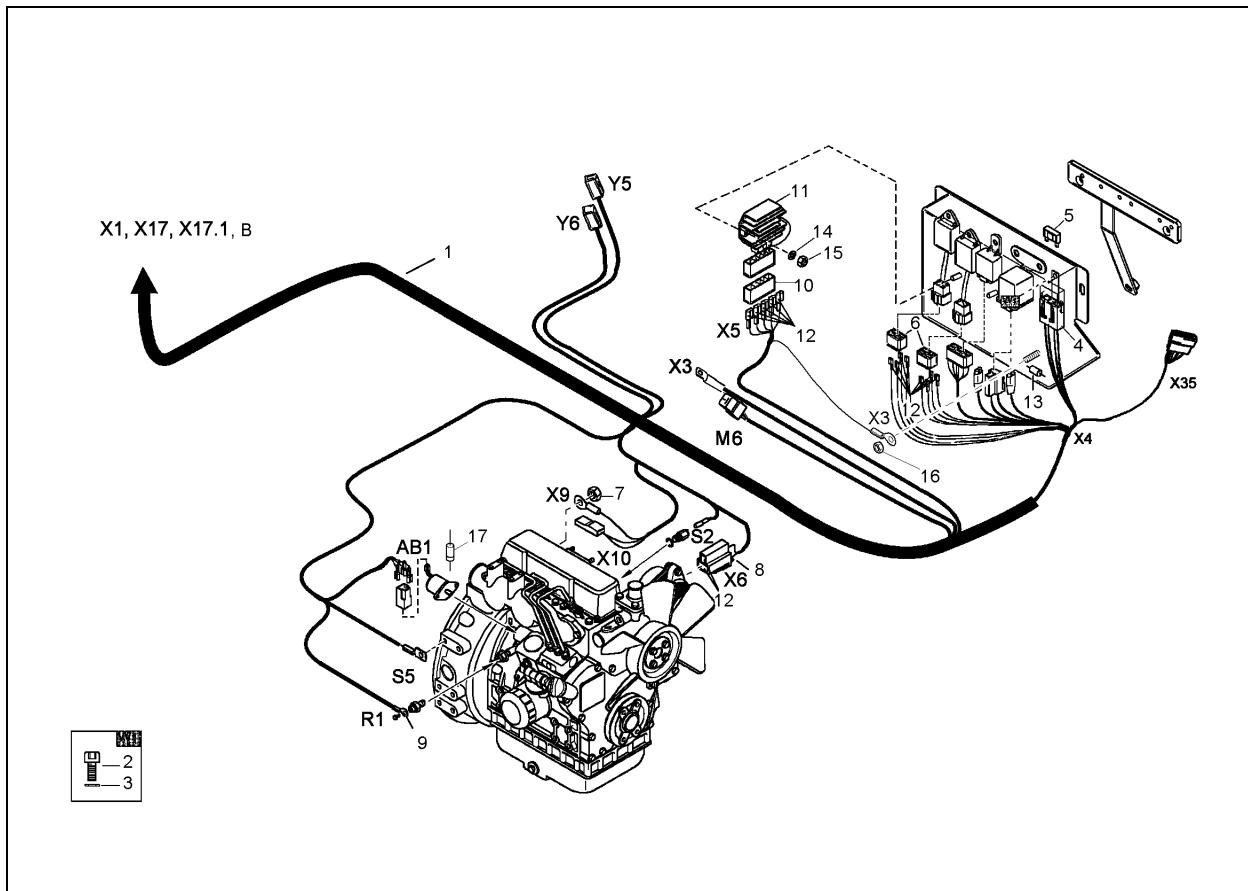
Ref.			
No.	Part No.	Description	Qty.
7	162003	PLUG	1
8	9709157G	PLUG	1
9	161363	SWITCH	1
10	164284	CABLE	1
11	161732	SOCKET	1
12	160438	PLUG	1

**153 - ENGINE WIRE HARNESS**  
**1000148637 (SN AE00001 AND UP)**



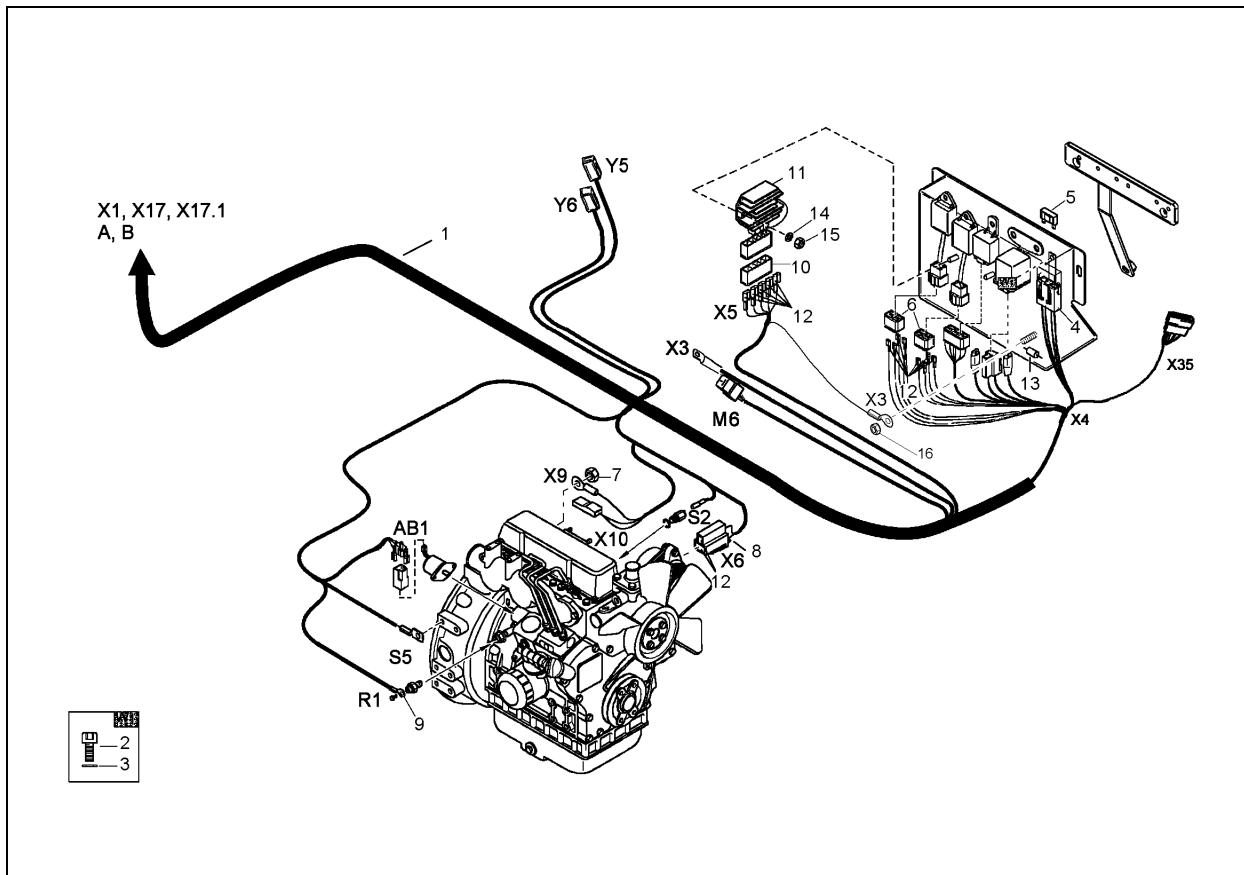
Ref.	Ref.						
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	206357	ENGINE WIRE HARNESS	1	3	162838	FUSE 40 A (MAIN FUSE)	1
2	0003330440	SUPPORT	1	4	205214	RELAY 40/60 AMP	2

**153 - ENGINE WIRE HARNESS**  
**1000131393/1000132001 (SN AC01876 - AD04191)**

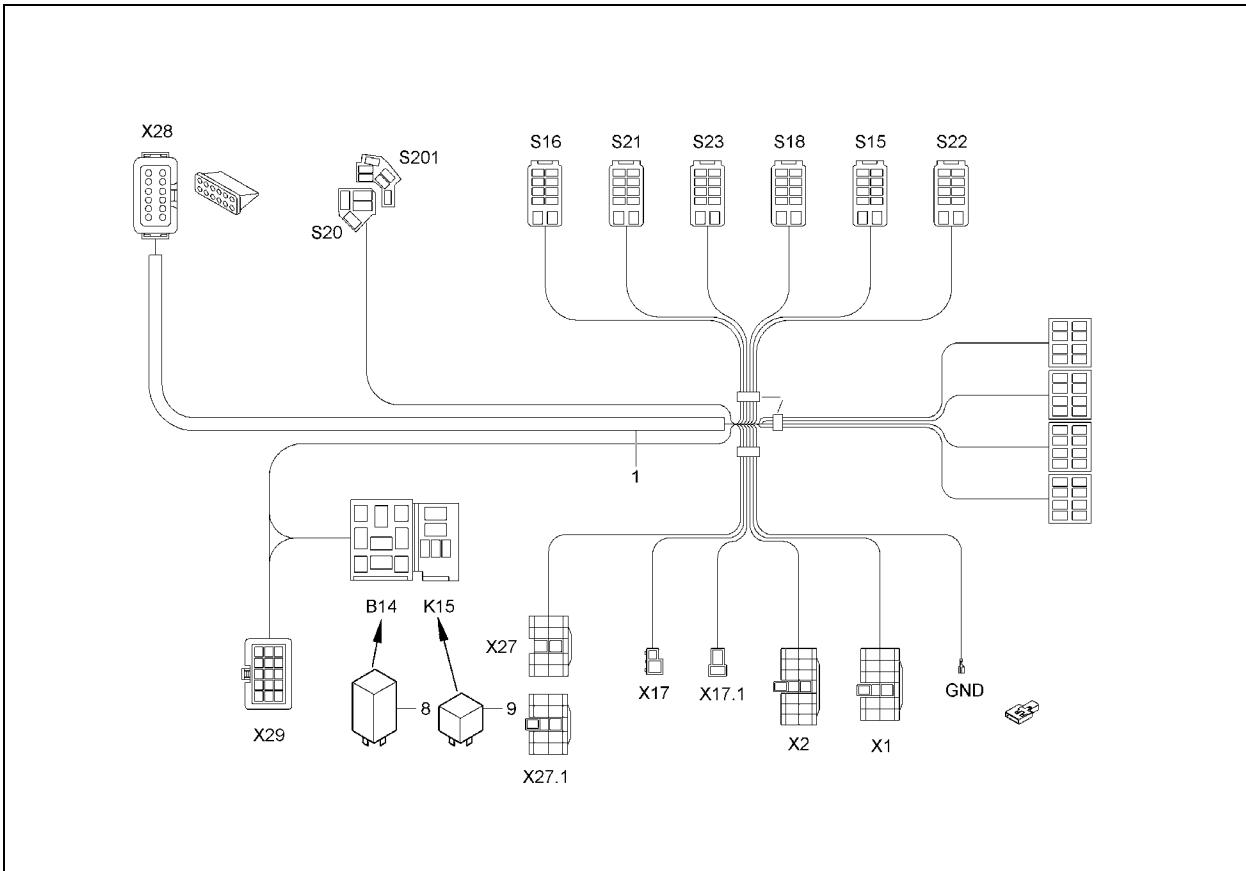


Ref. No. Part No.		Description	Qty.	Ref. No. Part No.		Description	Qty.
1	178719	WIRE HARNESS ENGINE	1	10	425-36149	COUPLER/REGULATOR	1
2	651502	SHCS M5-0.8X10 C8.8 ZY DIN912	1	11	425-36148	REGULATOR	1
3	161659	WASHER/GR A 5.3 ZO DIN125	1	12	162470	PLUG	20
4	0003330440	SUPPORT	1	13	161355	DIODE	1
5	161998	FUSE - 50 A	1	14	161665	WASHER/GR A 5.3	2
6	162003	PLUG	2	15	656100	HN M5-0.8 C8 ZY DIN934	2
7	656048	HN M8-1.25 C8 ZY DIN934	1	16	161678	HN M6-1.00 C8 ZO	1
8	201821	CONNECTOR	2	17	206064	DIODE	1
9	162004	PLUG	1				

**153 - ENGINE WIRE HARNESS**  
**1000131990 (SN AC01875 AND BEFORE)**

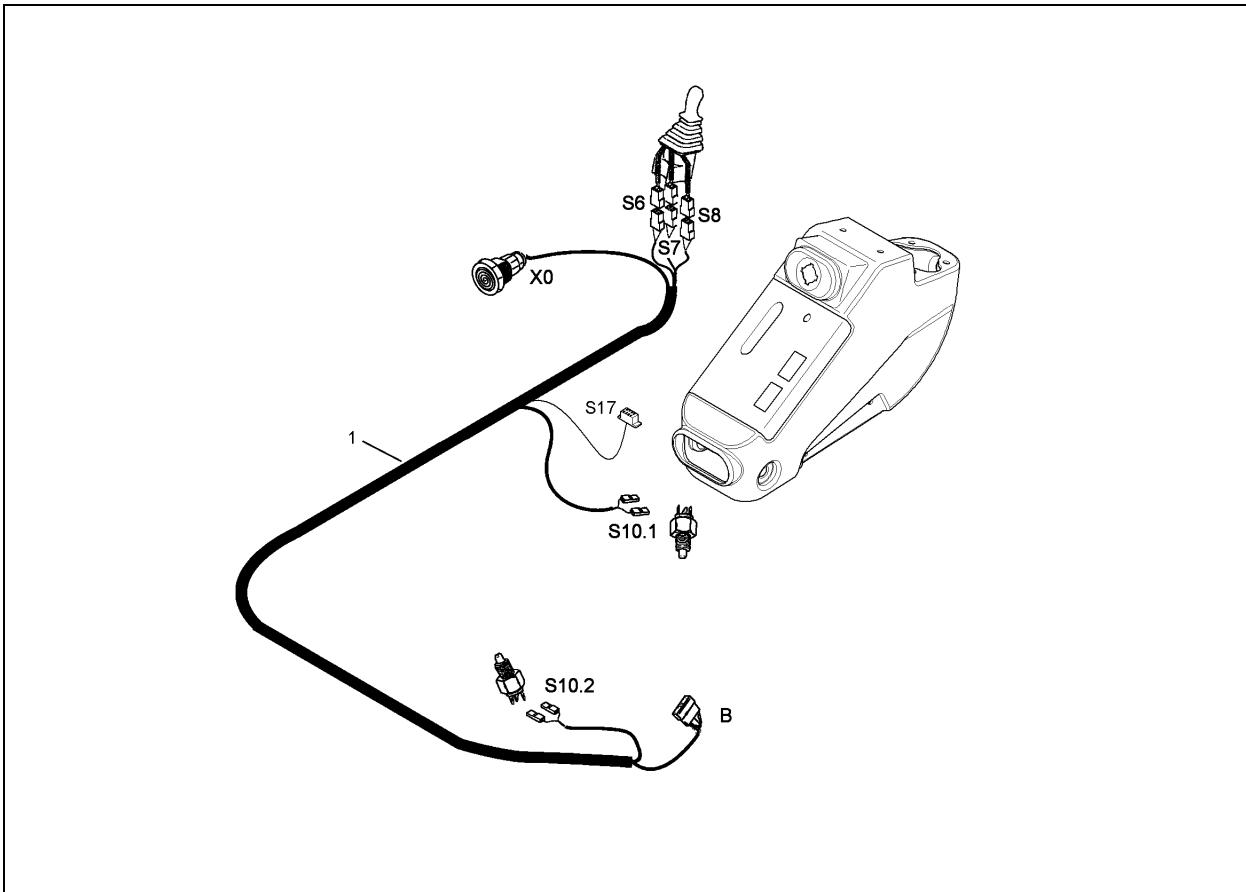


**153 - ARMREST WIRE HARNESS**  
**1000148638 (SN AE00001 AND UP)**



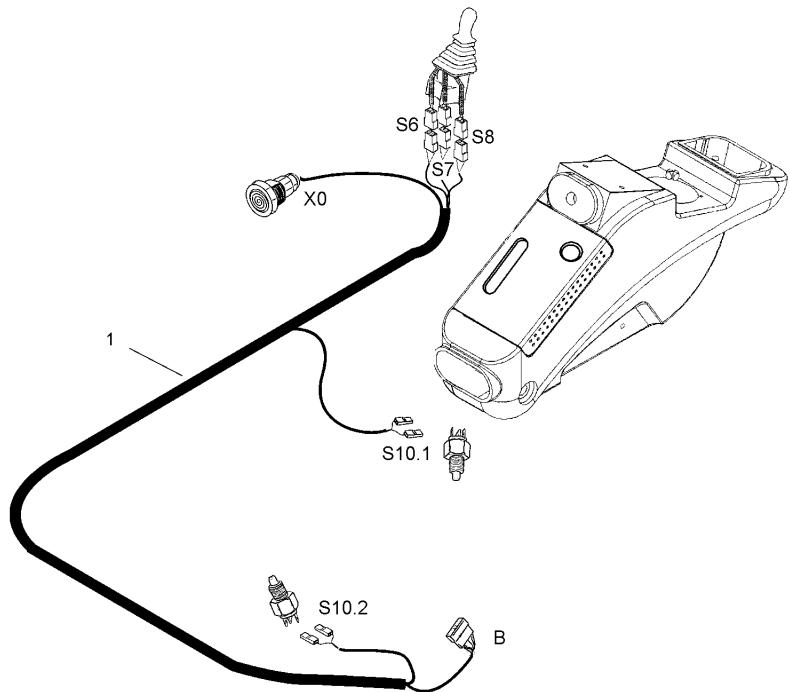
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 206350	ARMREST WIRE HARNESS	1	9 209061	RELAY - 20/35 A	1
8 207057	RELAY	1			

**153 - ARMREST WIRE HARNESS**  
**1000131392/1000132090 (SN AC01876 AND UP)**



Ref.	No. Part No.	Description	Qty.
1	178722	WIRE HARNESS ARMREST	1

**153 - ARMREST WIRE HARNESS**  
**1000132088 (SN AC01875 AND BEFORE)**



Ref.

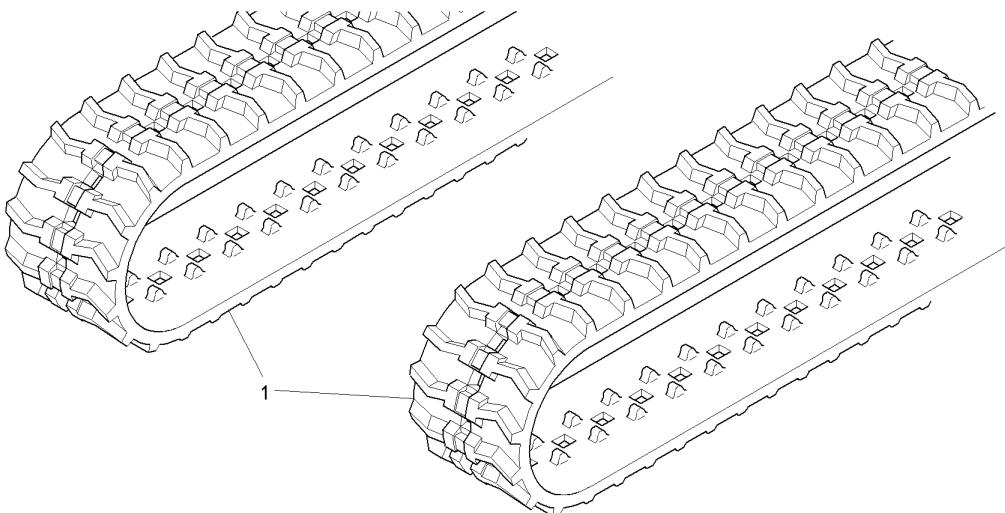
No. Part No.

Description

Qty.

1	1424439G	WIRE HARNESS	1
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**153 - RUBBER TRACK**  
**1000149053 (SN AE00001 AND UP)**



Ref.

No. Part No.

Description

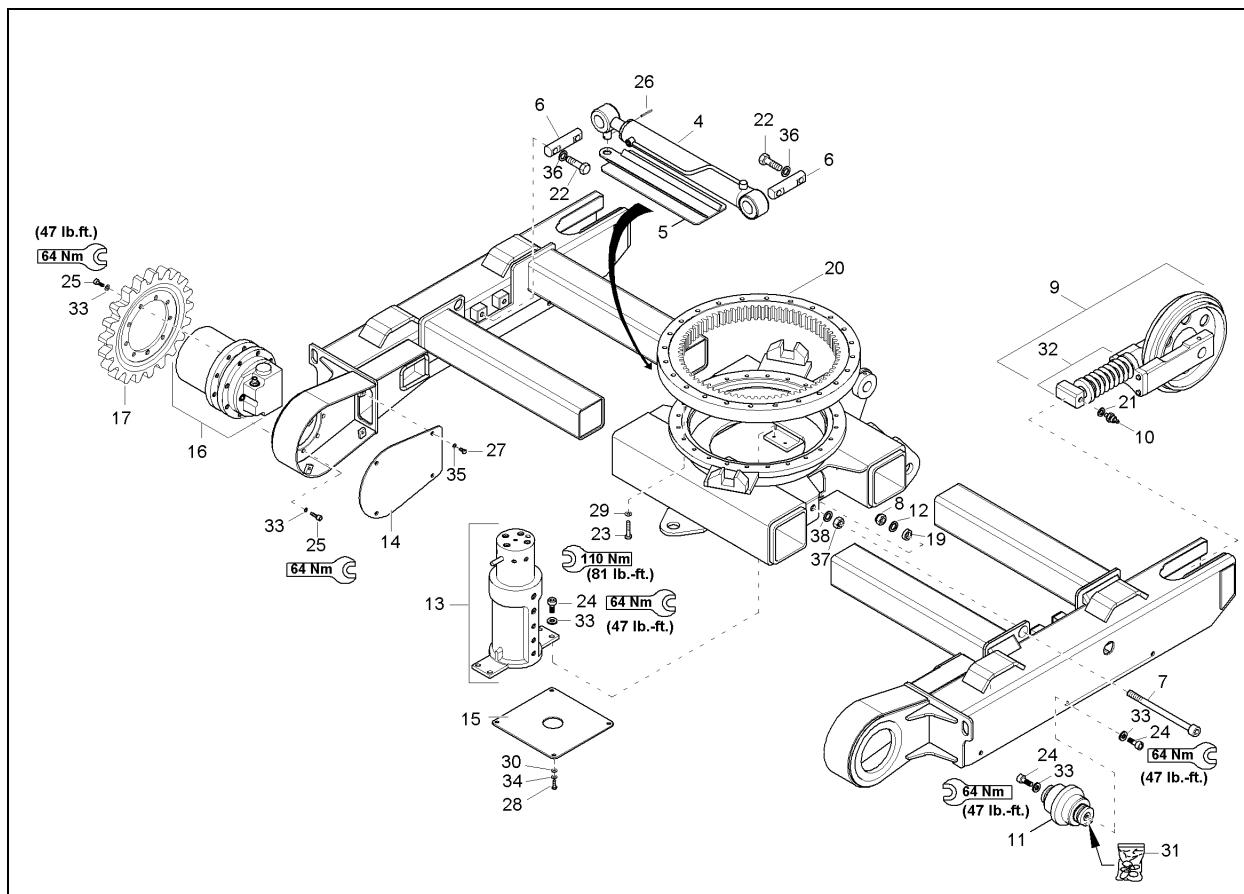
Qty.

1 160624

TRACK/RUBBER

2

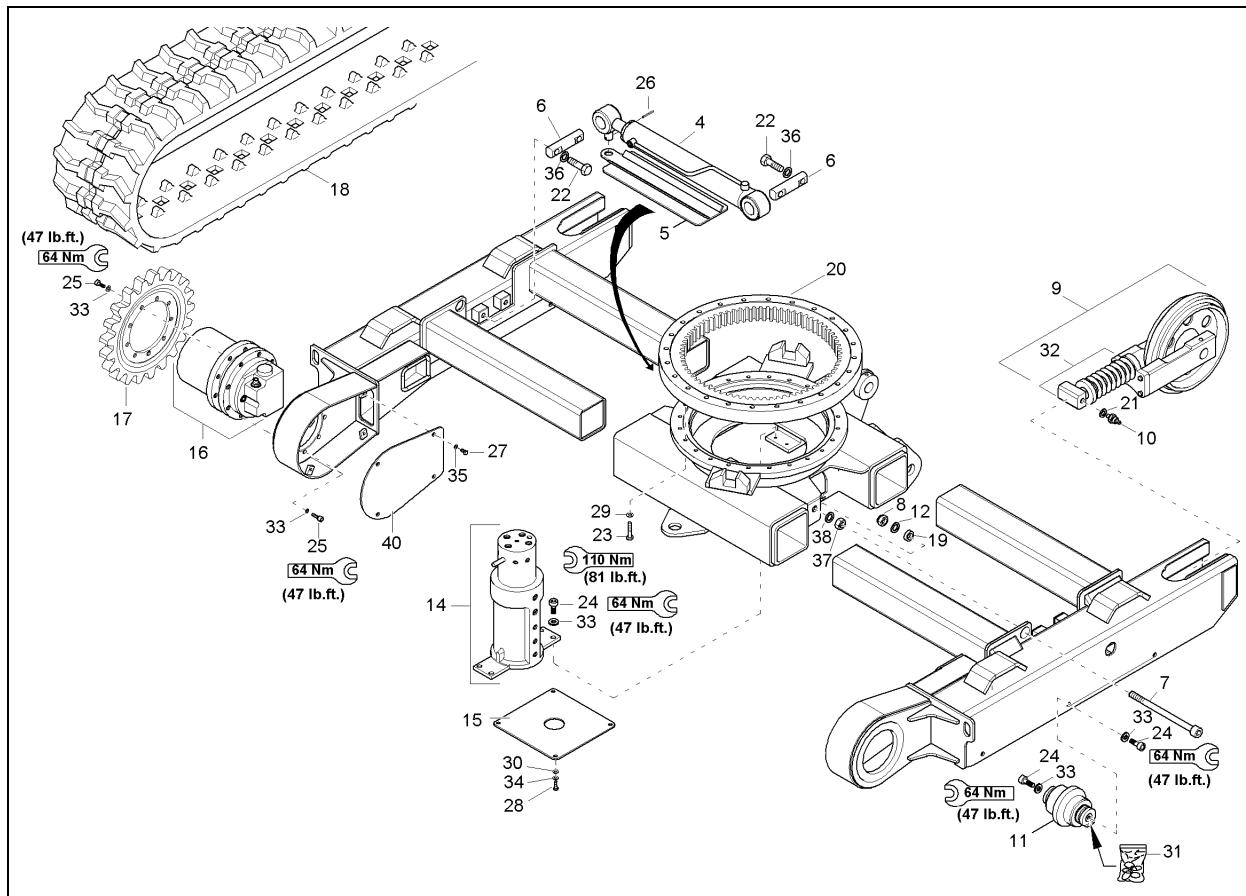
**153 - UNDERCARRIAGE, RUBBER TRACK**  
**1000149036 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
4	204048	CYLINDER/TELESCOPIC See page 130 for individual components	1	20	161724	TURNTABLE	1
5	160616	SHIELD	1	21	178067	SEALING RING	2
6	160622	PIN	2	22	651412	CS M14-2X50 C10.9 ZY DIN931	4
7	161399	SCREW	2	23	651408	CS M12-1.75X40 C10.9 ZY DIN931	24
8	161649	WASHER/GR A 18 ZO DIN7989	2	24	651474	SHCS M10-1.25X25 F10.9 ZY DIN912	16
9	160516	TRACK TENSIONER COMPLETE See page 158 for individual components	2	25	162022	SCREW	34
10	203913	VALVE	2	26	651468	PIN/SPRING M5X36	1
11	160517	ROLLER	6	27	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	8
12	651451	HLN INS M16-2.0 ZO	2	28	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
13	161920	SWIVEL JOINT See page 92 for individual components	1	29	161643	WASHER/ROUND HI-TENS	24
14	178254	COVER	2	30	161640	WASHER/GR A 10.5	4
15	178263	COVER	1	31	165146	SEAL KIT/BOTTOM ROLLER	6
16	160591	DRIVE UNIT COMPLETE See page 82 for individual components	2	32	1402306G	SPRING ASSEMBLY	2
17	160519	SPROCKET	2	33	163641	WASHER	50
19	161915	TUBE	2	34	161669	LOCKWASHER S10	4
				35	163670	LOCKWASHER	8
				36	161671	LOCKWASHER S14	4
				37	656052	HN M16-2 C8 ZY DIN934	2
				38	161672	LOCKWASHER S16	2

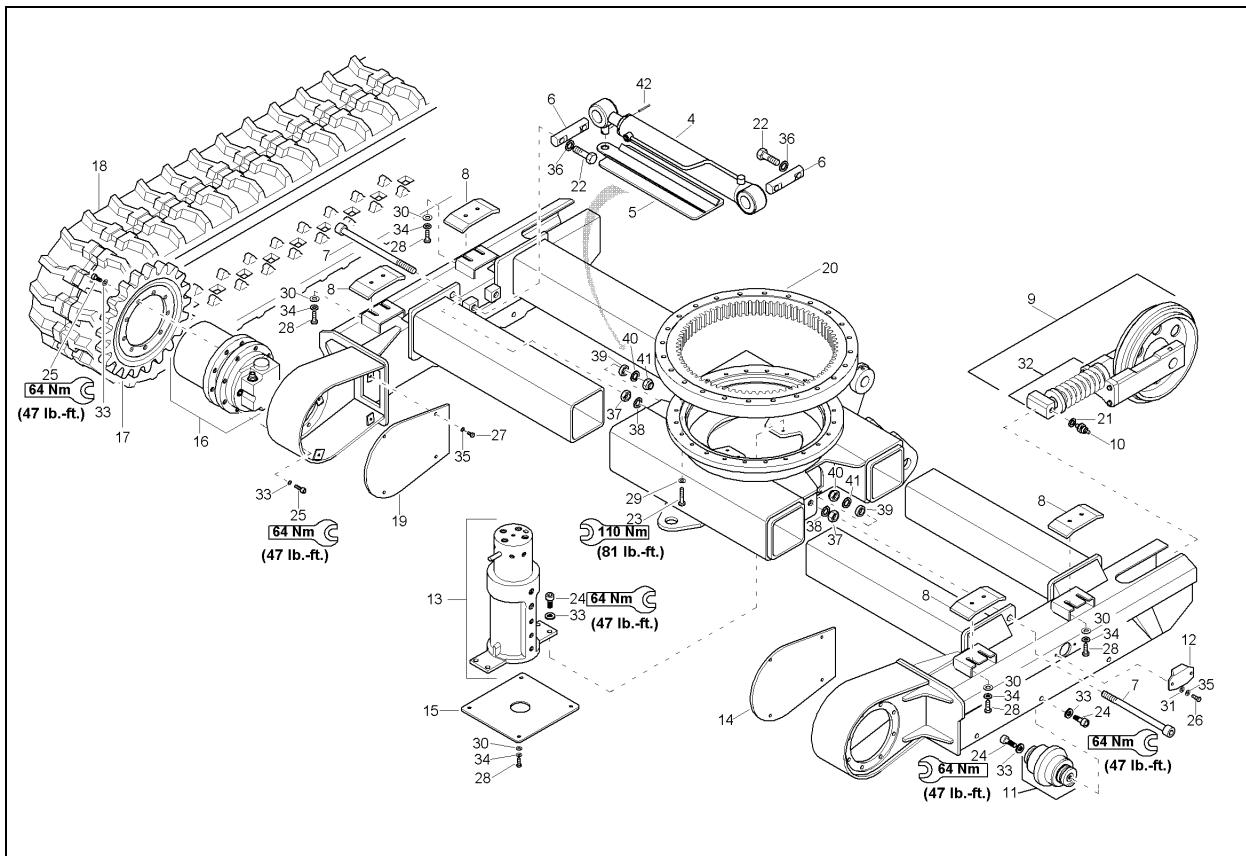
# 153 - UNDERCARRIAGE AND RUBBER TRACK

1000131325 (SN AD00454 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
4	204048	CYLINDER/TELESCOPIC See page 130 for individual components	1	22	651412	CS M14-2X50 C10.9 ZY DIN931	4
5	160616	SHIELD	1	23	651408	CS M12-1.75X40 C10.9 ZY DIN931	24
6	160622	PIN	2	24	651474	SHCS M10-1.25X25 F10.9 ZY DIN912	16
7	161399	SCREW	2	25	162022	SCREW	34
8	161649	WASHER/GR A 18 ZO DIN7989	2	26	651468	PIN/SPRING M5X36	1
9	160516	TRACK TENSIONER COMPLETE See page 158 for individual components	2	27	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	8
10	203913	VALVE	2	28	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
11	160517	ROLLER	6	29	161643	WASHER/ROUND HI-TENS	24
12	651451	HLN INS M16-2.0 ZO	2	30	161640	WASHER/GR A 10.5	4
14	161920	SWIVEL JOINT See page 92 for individual components	1	31	165146	SEAL KIT/BOTTOM ROLLER	6
15	178263	COVER	1	32	1402306G	SPRING ASSEMBLY	2
16	160591	DRIVE UNIT COMPLETE See page 83 for individual components	2	33	163641	WASHER	50
17	160519	SPROCKET	2	34	161669	LOCKWASHER S10	4
18	160624	TRACK/RUBBER	2	35	163670	LOCKWASHER	8
19	161915	TUBE	2	36	161671	LOCKWASHER S14	4
20	161724	TURNTABLE	1	37	656052	HN M16-2 C8 ZY DIN934	2
21	178067	SEALING RING	2	38	161672	LOCKWASHER S16	2
				40	178254	COVER	2

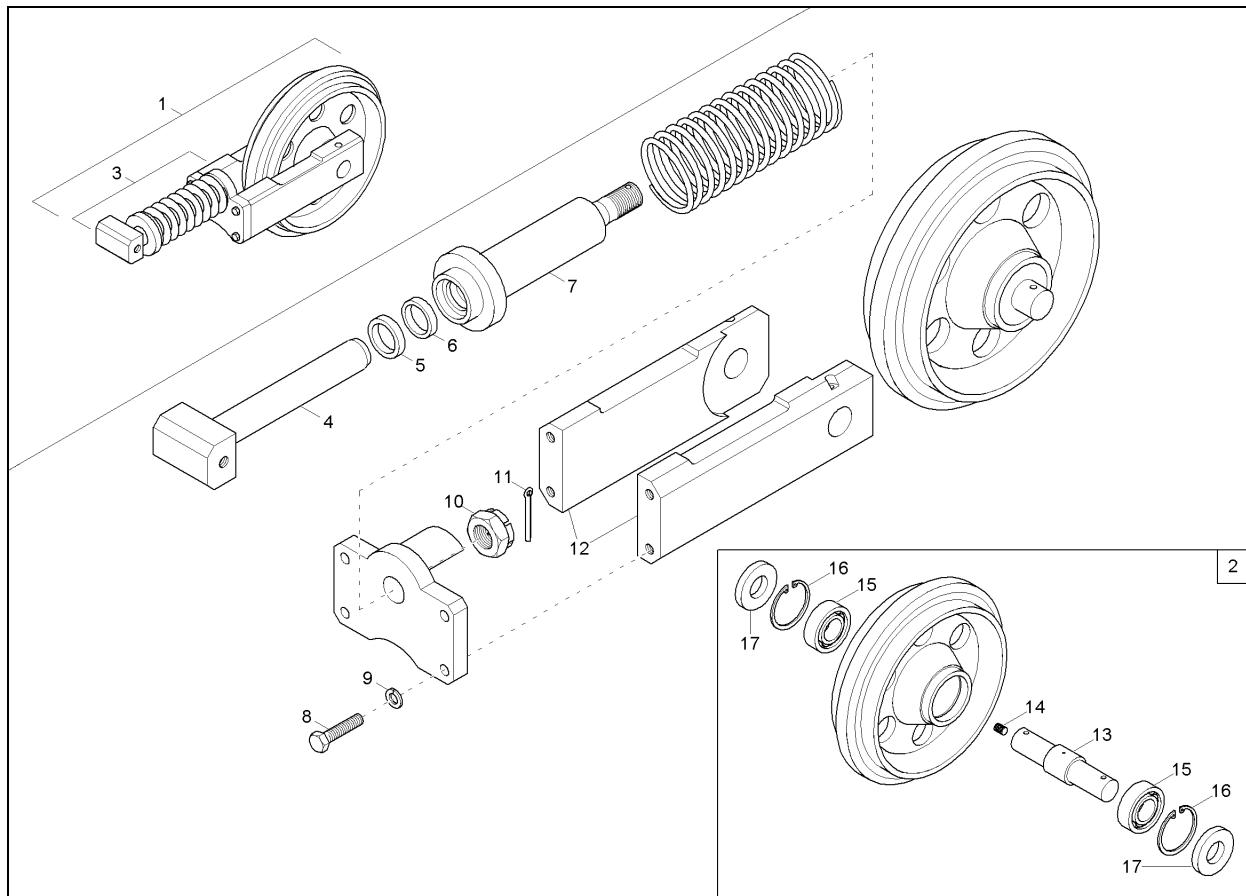
**153 - UNDERCARRIAGE AND RUBBER TRACK  
1000132054 (SN AD00453 AND BEFORE)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
4	204048	CYLINDER/TELESCOPIC		1	22	651412	CS M14-2X50 C10.9 ZY DIN931		4
		See page 130 for individual components			23	651408	CS M12-1.75X40 C10.9 ZY DIN931		24
5	160616	SHIELD		1	24	651474	SHCS M10-1.25X25 F10.9 ZY DIN912		16
6	160622	PIN		2	25	162022	SCREW		34
7	161399	SCREW		2	26	651430	CS M8-1.25X12 C8.8 ZY DIN931		4
8	161918	PLATE		4	27	651515	SHCS M8-1.25X20 C8.8 ZY DIN912		8
9	160516	TRACK TENSIONER COMPLETE		2	28	656006	CS M10-1.5X20 C8.8 ZY DIN931		12
		See page 158 for individual components			29	161643	WASHER/ROUND HI-TENS		24
10	203913	VALVE		2	30	161640	WASHER/GR A 10.5		12
11	160517	ROLLER		6	31	163634	WASHER		4
12	1422277G	COVER		2	32	1402306G	SPRING ASSEMBLY		2
13	161920	SWIVEL JOINT		1	33	163641	WASHER		50
		See page 92 for individual components			34	161669	LOCKWASHER S10		12
14	1422273G	COVER		1	35	163670	LOCKWASHER		12
15	1522022G	COVER		1	36	161671	LOCKWASHER S14		4
16	160591	DRIVE UNIT COMPLETE		2	37	656052	HN M16-2 C8 ZY DIN934		2
		See page 83 for individual components			38	161672	LOCKWASHER S16		2
17	160519	SPROCKET		2	39	161915	TUBE		2
18	160624	TRACK/RUBBER		2	40	161649	WASHER/GR A 18 ZO DIN7989		2
19	1422274G	COVER		1	41	651451	HLN INS M16-2.0 ZO		2
20	161724	TURNTABLE		1	42	651468	PIN/SPRING M5X36		1
21	178067	SEALING RING		2					

# 153 - TRACK TENSION, RUBBER TRACK

1000131531



Ref.

No. Part No.

Description

Qty.

1	160516	TRACK TENSIONER COMPLETE	1
2	1902233G	ROLLER COMPLETE	1
3	1402306G	SPRING ASSEMBLY	1
4	160520	PISTON	1
5	161564	SEAL	1
6	161561	SEAL	1
7	160521	CYLINDER	1
8	651398	CS M10-1.5X35 C10.9 ZY DIN931	4
9	161623	LW SPRING B10 DIN7981	4

Ref.

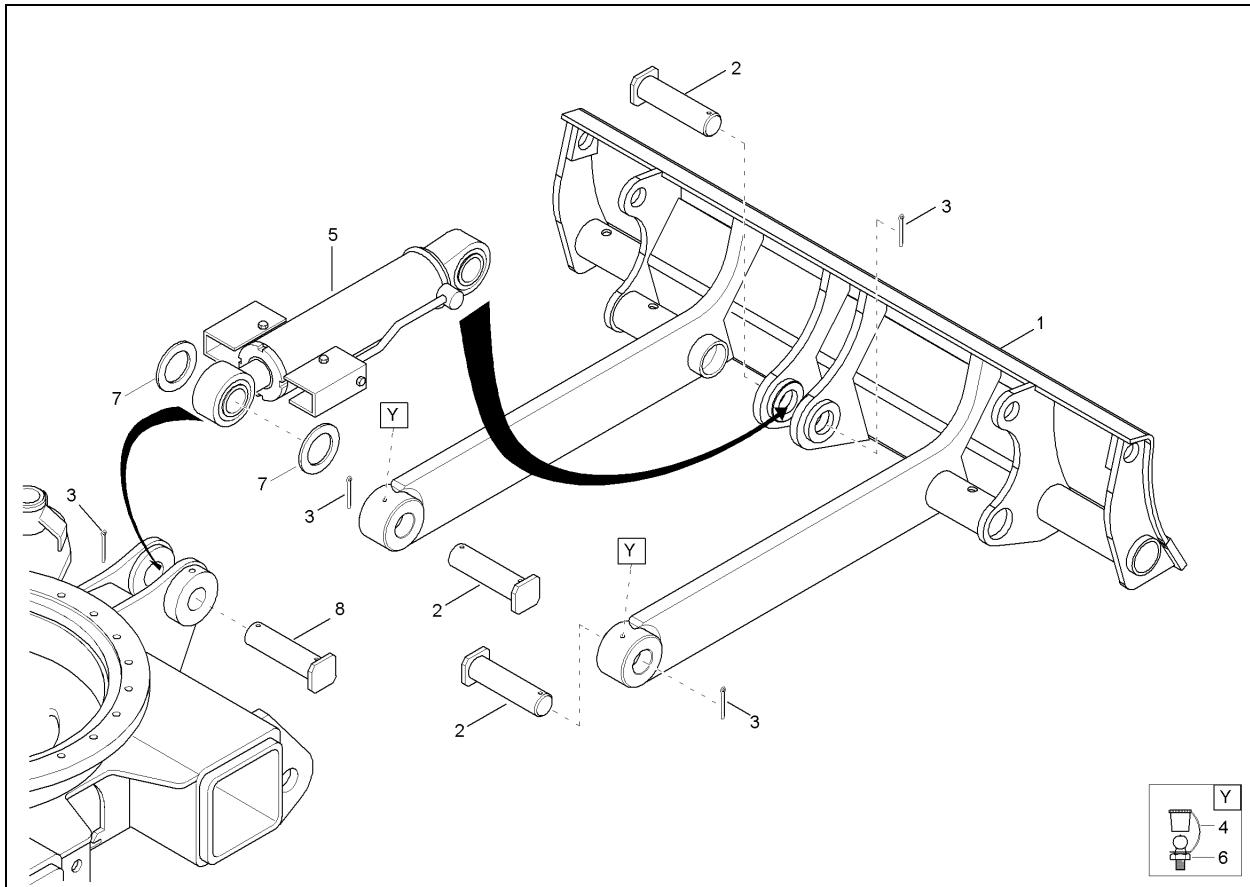
No. Part No.

Description

Qty.

10	162049	NUT	1
11	162053	COTTERPIN	1
12	160518	GUIDANCE	2
13	160522	SHAFT	1
14	163859	SCREW	1
15	161559	BEARING	2
16	162055	WASHER	2
17	161575	SEAL	2

**153 - DOZER BLADE  
1000131241 (SN AD00454 AND UP)**

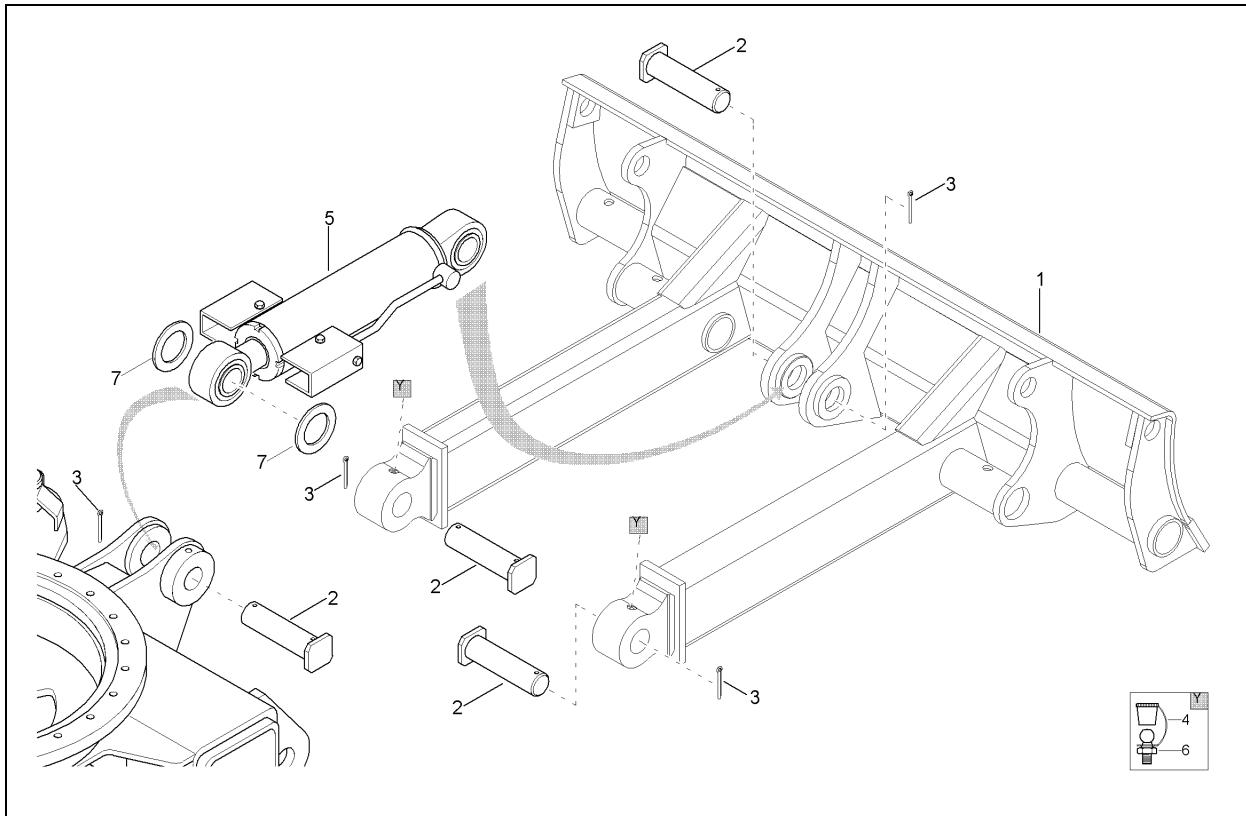


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178465	DOZER BLADE	1	6	161411	GREASE ZERK-7MM HEX HEAD	2
2	178459	PIN	3	7	1522078G	SPACER	2
3	161681	PIN/SPRING M6.3X50 ZO	4	8	178460	PIN	1
4	161416	CAP	2				
5	204047	DOZER BLADE CYLINDER COMPLETE	1				

See page 128 for individual components

# 153 - DOZER BLADE

1000131921 (SN AD00453 AND BEFORE)



Ref.

No. Part No.

Description

Qty.

1	1522060G	DOZER BLADE	1
2	160654	PIN	4
3	161681	PIN/SPRING M6.3X50 ZO	4
4	161416	CAP	2
5	204047	DOZER BLADE CYLINDER COMPLETE	1

See page 128 for individual components

Ref.

No. Part No.

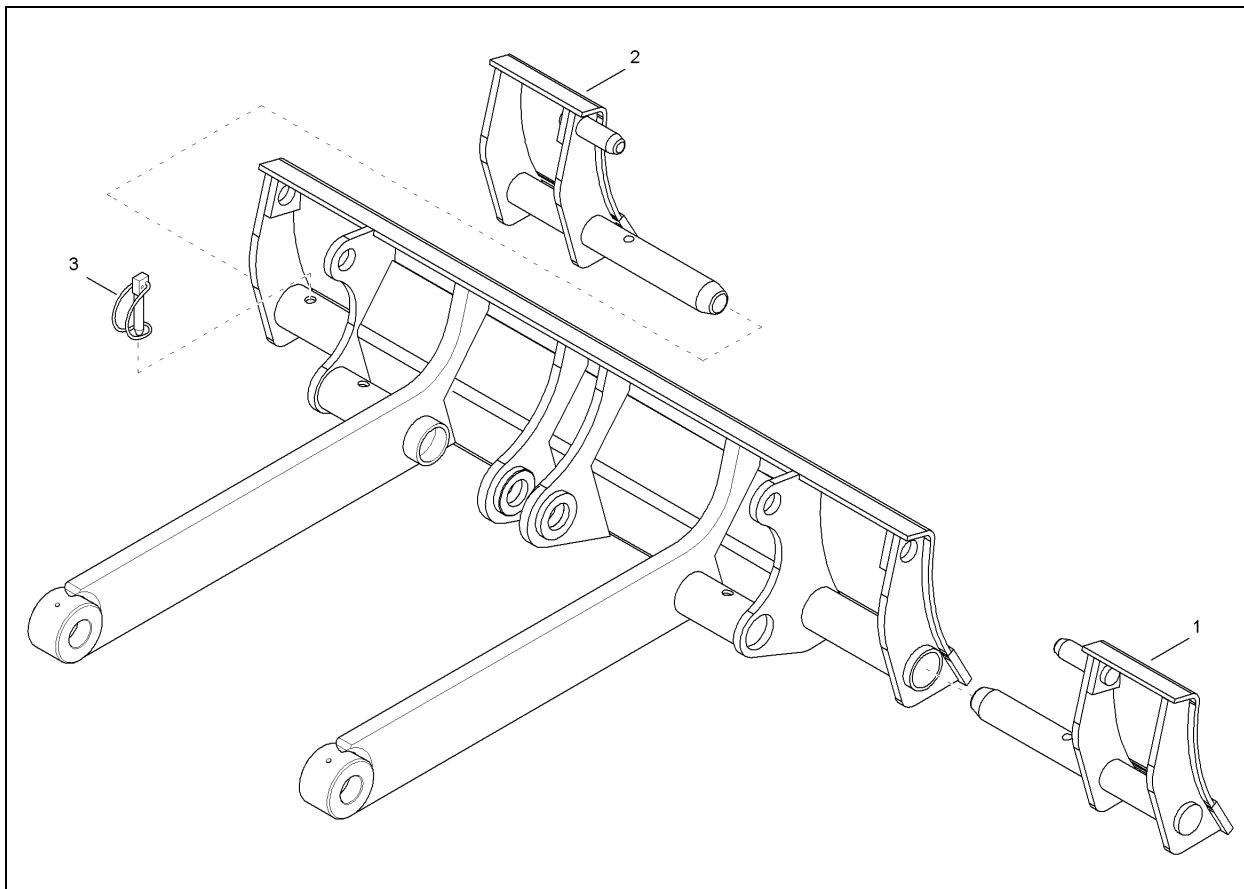
Description

Qty.

6	161411	GREASE ZERK-7MM HEX HEAD	2
7	1522078G	SPACER	2

# 153 - DOZER BLADE EXTENSIONS

1000131417/1000131923

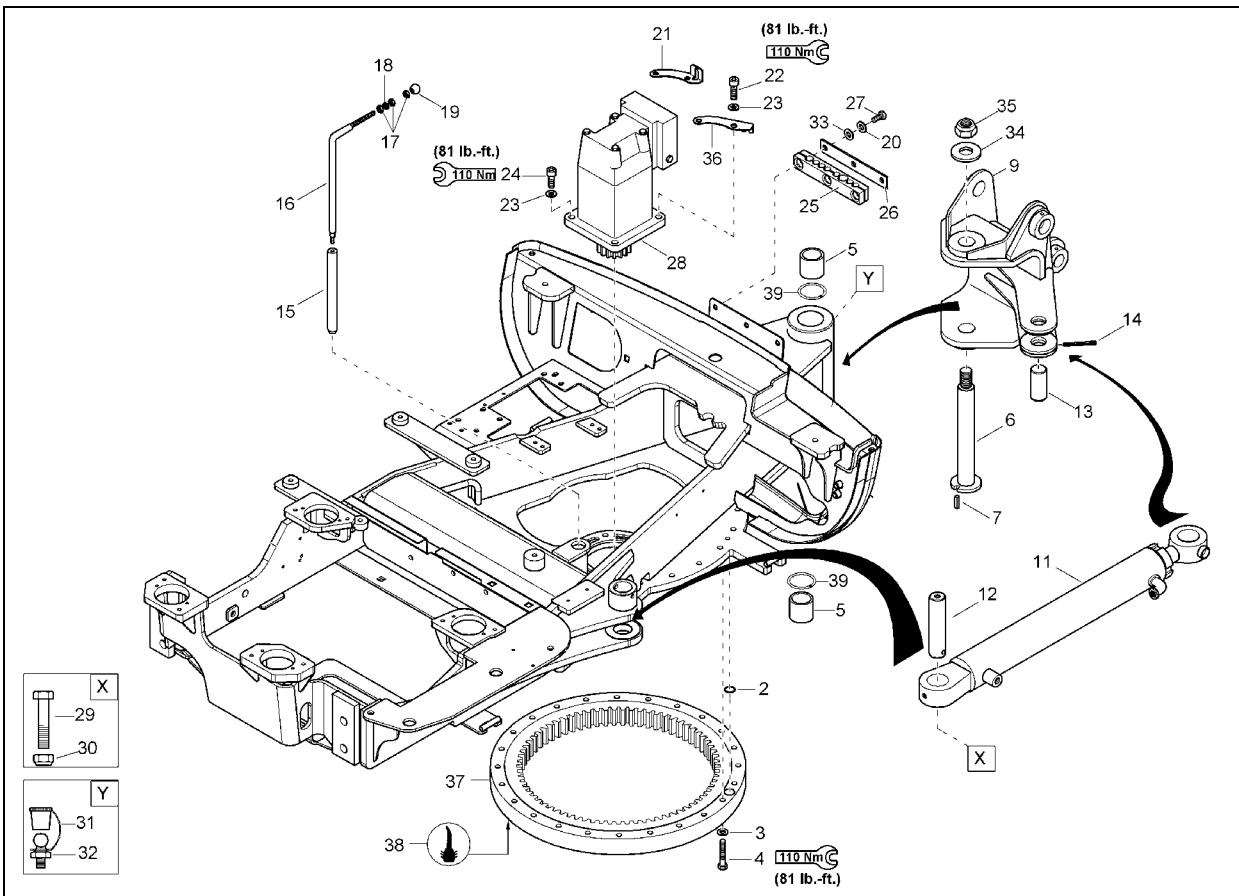


**Ref.**

No.	Part No.	Description	Qty.
1	1522068G	DOZER BLADE EXTENSION RT	1
2	1522069G	DOZER BLADE EXTENSION LT	1
3	9905073G	CONNECTOR	2

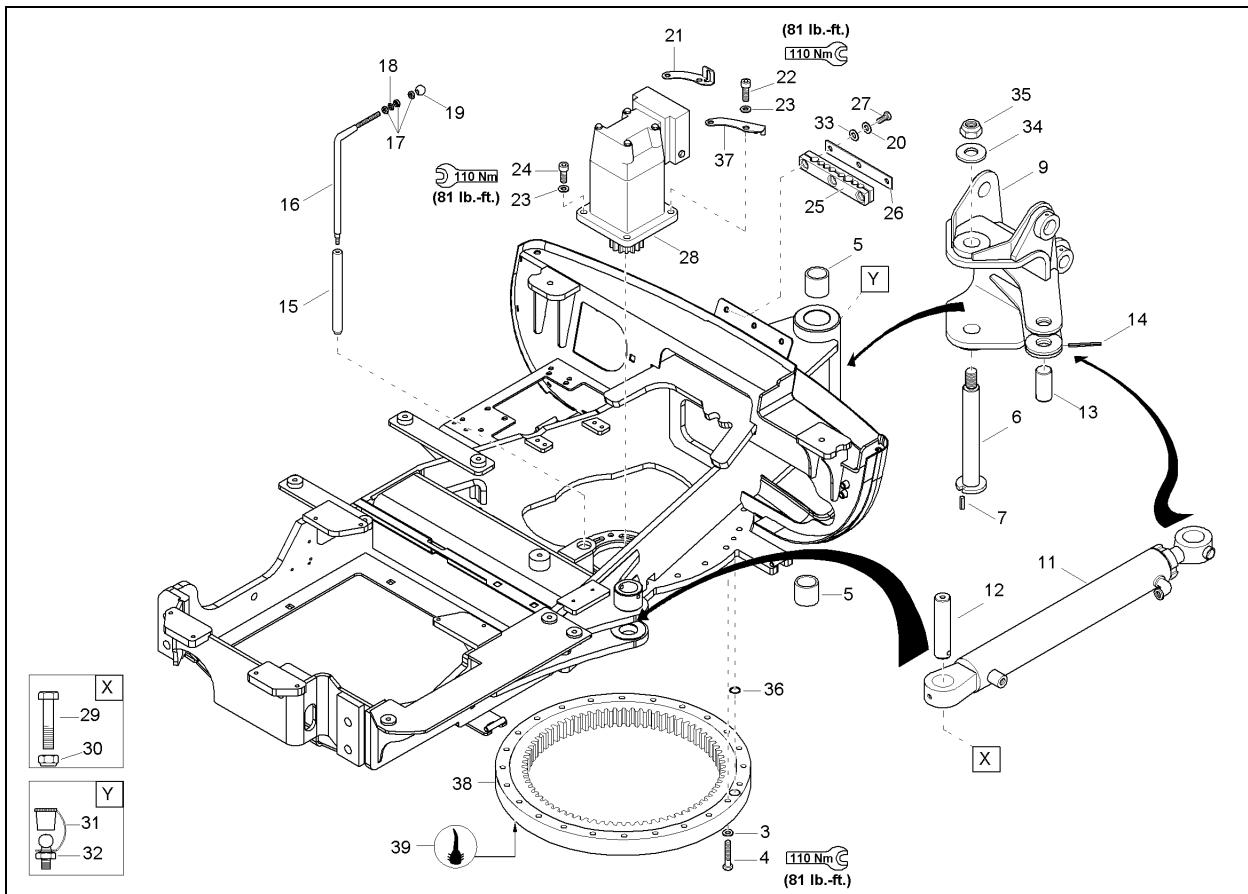
\* Dozer blade shown for reference only. Appearance may vary according to serial number.

**153 - CHASSIS**  
**1000148943 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	161570	O-RING	1	23	161636	WASHER/NORD-LOCK NL 12	4
3	161643	WASHER/ROUND HI-TENS	24	24	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2
4	651410	HB M12-1.7X 55 C10.9 ZY	24	25	178435	COLLAR	1
5	161541	BUSHING	2	26	178436	COVER PLATE	1
6	160697	PIN	1	27	651433	HB M8-1.25X 40 C8.8 ZY	3
7	165954	GRUB SCREW	1	28	1408652G	HYDRAULIC MOTOR	1
9	206163	SWING BRACKET	1			See page 79 for individual components	
11	204049	BOOM OFFSET CYLINDER	1	29	651438	HB M8-1.25X70 C8.8 ZY	1
		See page 124 for individual components		30	651458	LN INS M8-1.25 C8 ZY DIN6924	1
12	160732	PIN	1	31	161422	CAP	1
13	160691	PIN	1	32	161411	GREASE ZERK-7MM HEX HEAD	1
14	651469	PIN/SPRING M8X70	1	33	163670	LOCKWASHER	3
15	1429104G	LOCKING PISTON	1	34	161656	WASHER/ROUND HI-TENS 28	1
16	1429106G	LEVER	1	35	651454	LN INS M27-3 C8 ZY	1
17	9902111G	HEXAGON NUT	3	36	1421031G	BRACKET	1
18	163642	WASHER	1	37	161724	TURNTABLE	1
19	161631	KNOB D40MM	1	38	205598	SEAL (1.80M)	1
20	163634	WASHER	3	39	161686	SNAP RING	2
21	1521001G	BRACKET (OPTION)	1				
22	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	2				

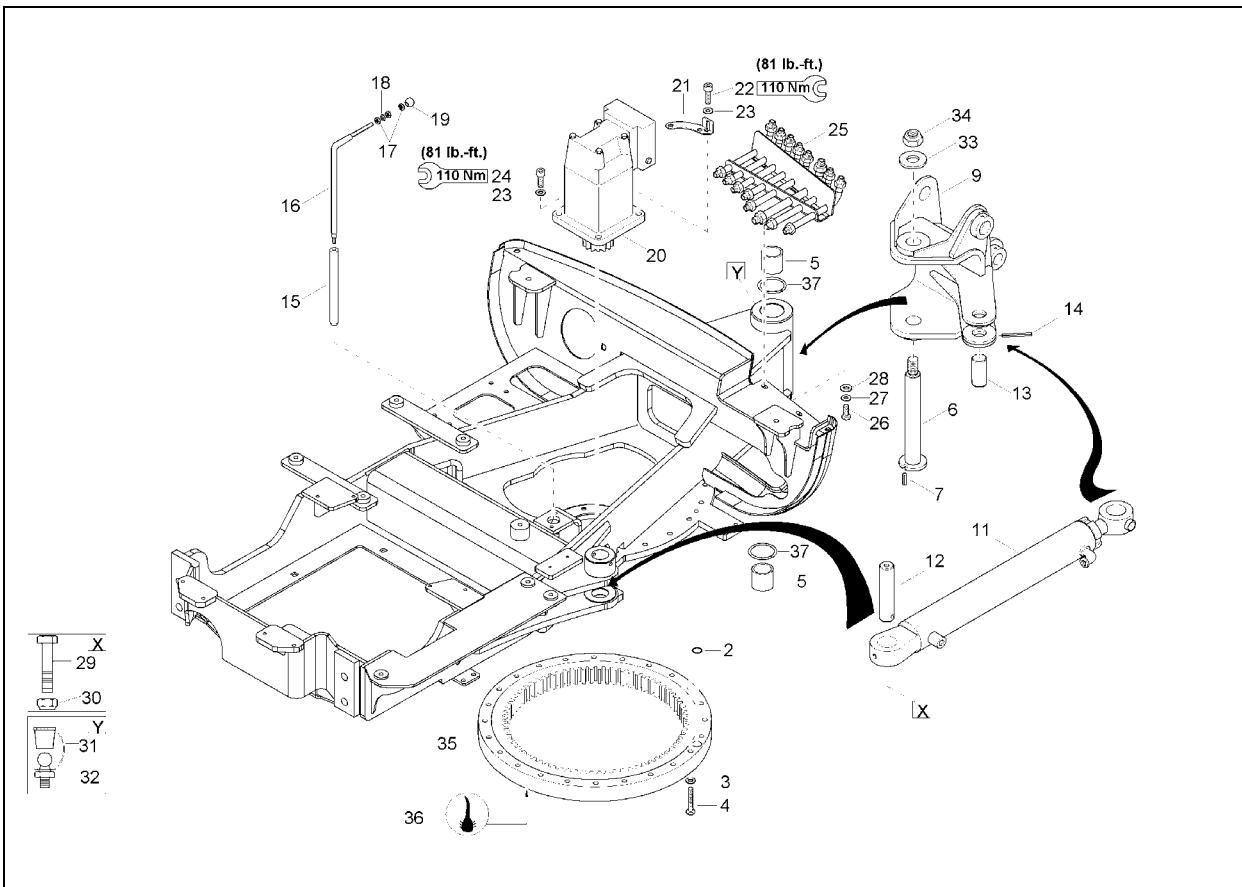
153 - CHASSIS  
1000135931 (SN AD00454 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
3	161643	WASHER/ROUND HI-TENS	24	23	161636	WASHER/NORD-LOCK NL 12	4
4	651410	HB M12-1.7X 55 C10.9 ZY	24	24	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2
5	161541	BUSHING	2	25	178435	COLLAR	1
6	160697	PIN	1	26	178436	COVER PLATE	1
7	165954	GRUB SCREW	1	27	651433	HB M8-1.25X 40 C8.8 ZY	3
9	206163	SWING BRACKET	1	28	1408652G	HYDRAULIC MOTOR	1
11	204049	BOOM OFFSET CYLINDER	1			See page 79 for individual components	
		See page 124 for individual components		29	651438	HB M8-1.25X70 C8.8 ZY	1
12	160732	PIN	1	30	651458	LN INS M8-1.25 C8 ZY DIN6924	1
13	160691	PIN	1	31	161422	CAP	1
14	651469	PIN/SPRING M8X70	1	32	161411	GREASE ZERK-7MM HEX HEAD	1
15	1429104G	LOCKING PISTON	1	33	163670	LOCKWASHER	3
16	1429106G	LEVER	1	34	161656	WASHER/ROUND HI-TENS 28	1
17	9902111G	HEXAGON NUT	3	35	651454	LN INS M27-3 C8 ZY	1
18	163642	WASHER	1	36	161570	O-RING	1
19	161631	KNOB D40MM	1	37	1421031G	BRACKET	1
20	163634	WASHER	3	38	161724	TURNTABLE	1
21	1521001G	BRACKET (OPTION)	1	39	205598	SEAL (1.80M)	1
22	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	2	40	161686	SNAP RING	2

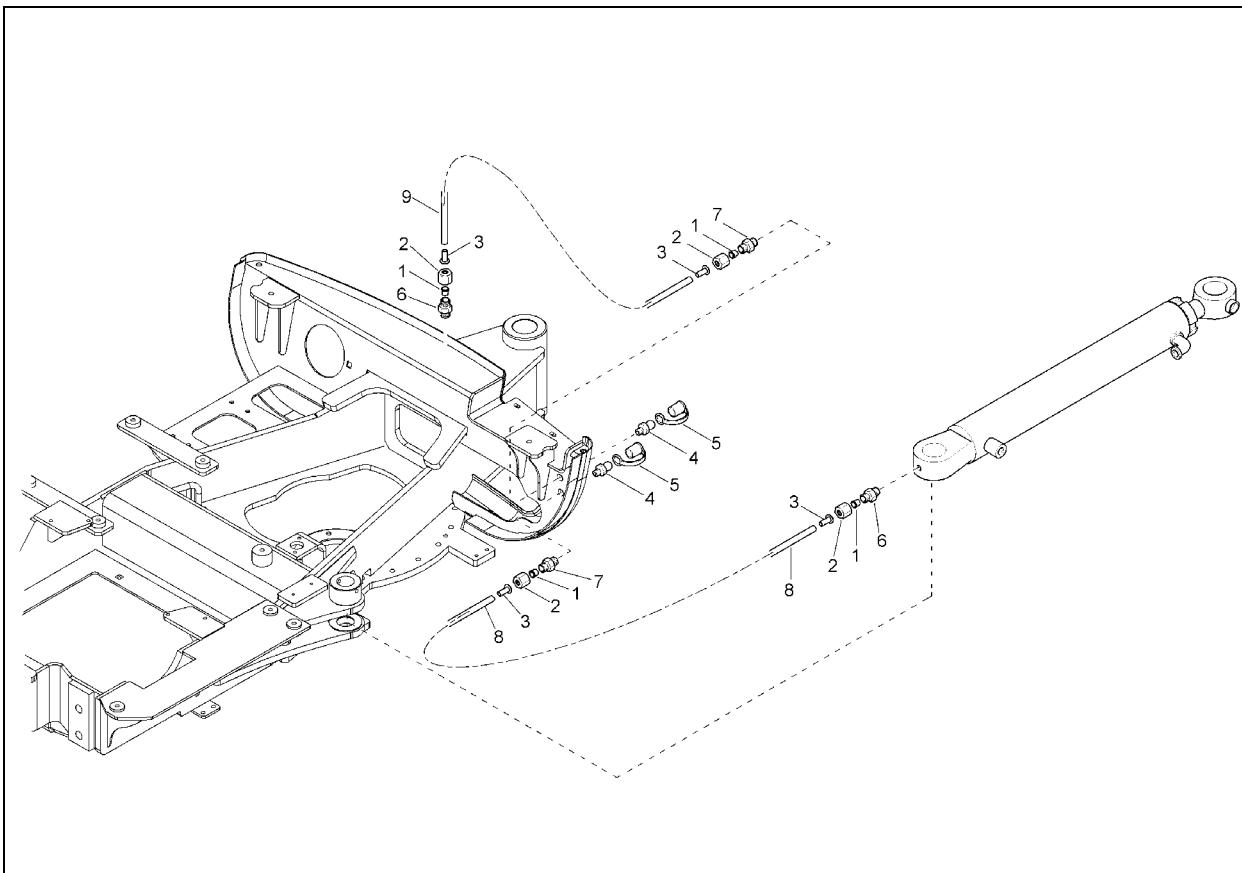
# 153 - CHASSIS

1000139368 (SN AD00453 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	161570	O-RING	1	22	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	2
3	161643	WASHER/ROUND HI-TENS	24	23	161636	WASHER/NORD-LOCK NL 12	4
4	651410	HB M12-1.7X 55 C10.9 ZY	24	24	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2
5	161541	BUSHING	2	25	1428044G	DISTRIBUTION BOARD	1
6	160697	PIN	1	26	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	2
7	165954	GRUB SCREW	1	27	163670	LOCKWASHER	2
9	206163	SWING BRACKET	1	28	163634	WASHER	2
11	204049	BOOM OFFSET CYLINDER	1	29	651438	HB M8-1.25X70 C8.8 ZY	1
		See page 125 or page 126 for individual components		30	651458	LN INS M8-1.25 C8 ZY DIN6924	1
12	160732	PIN	1	31	161422	CAP	1
13	160691	PIN	1	32	161411	GREASE ZERK-7MM HEX HEAD	1
14	651469	PIN/SPRING M8X70	1	33	161656	WASHER/ROUND HI-TENS 28	1
15	1429104G	LOCKING PISTON	1	34	651454	LN INS M27-3 C8 ZY	1
16	1429106G	LEVER	1	35	161724	TURNTABLE	1
17	9902111G	HEXAGON NUT	3	36	205598	SEAL (1.80M)	1
18	163642	WASHER	1	37	161686	SNAP RING	2
19	161631	KNOB D40MM	1				
20	1408652G	HYDRAULIC MOTOR	1				
		See page 79 for individual components					
21	1521001G	BRACKET	1				

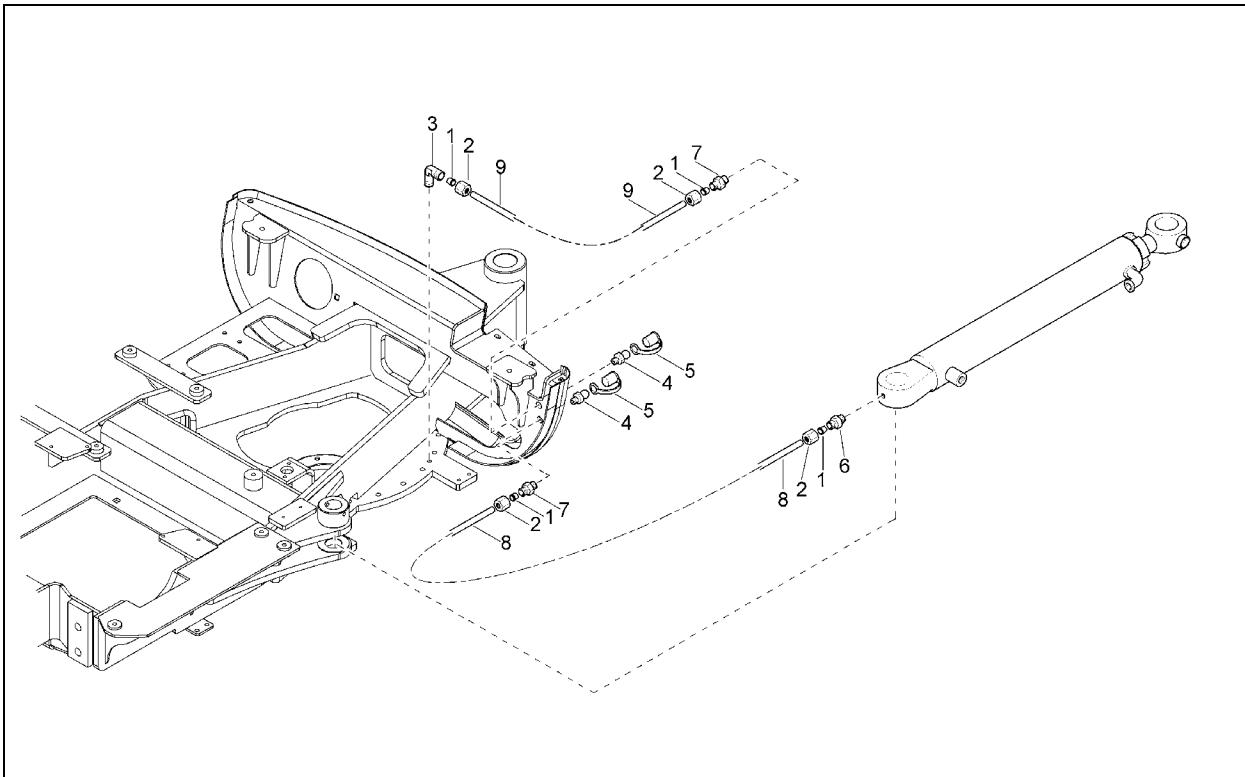
**153 - LUBRICATION**  
**1000131245 (SN AD00454 AND UP)**



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	161469	WASHER	4	6	161461	SCREW JOINT	2
2	161468	NUT	4	7	9910598G	SCREW JOINT	2
3	206094	PLUG SLEEVE (SN AE00363 AND UP)	4	8	206165	LUBRICATION TUBE (0.90M)	1
4	9909039G	GREASE FITTING	2	9	206976	LUBRICATION TUBE (0.4M)	1
5	161416	CAP	2				

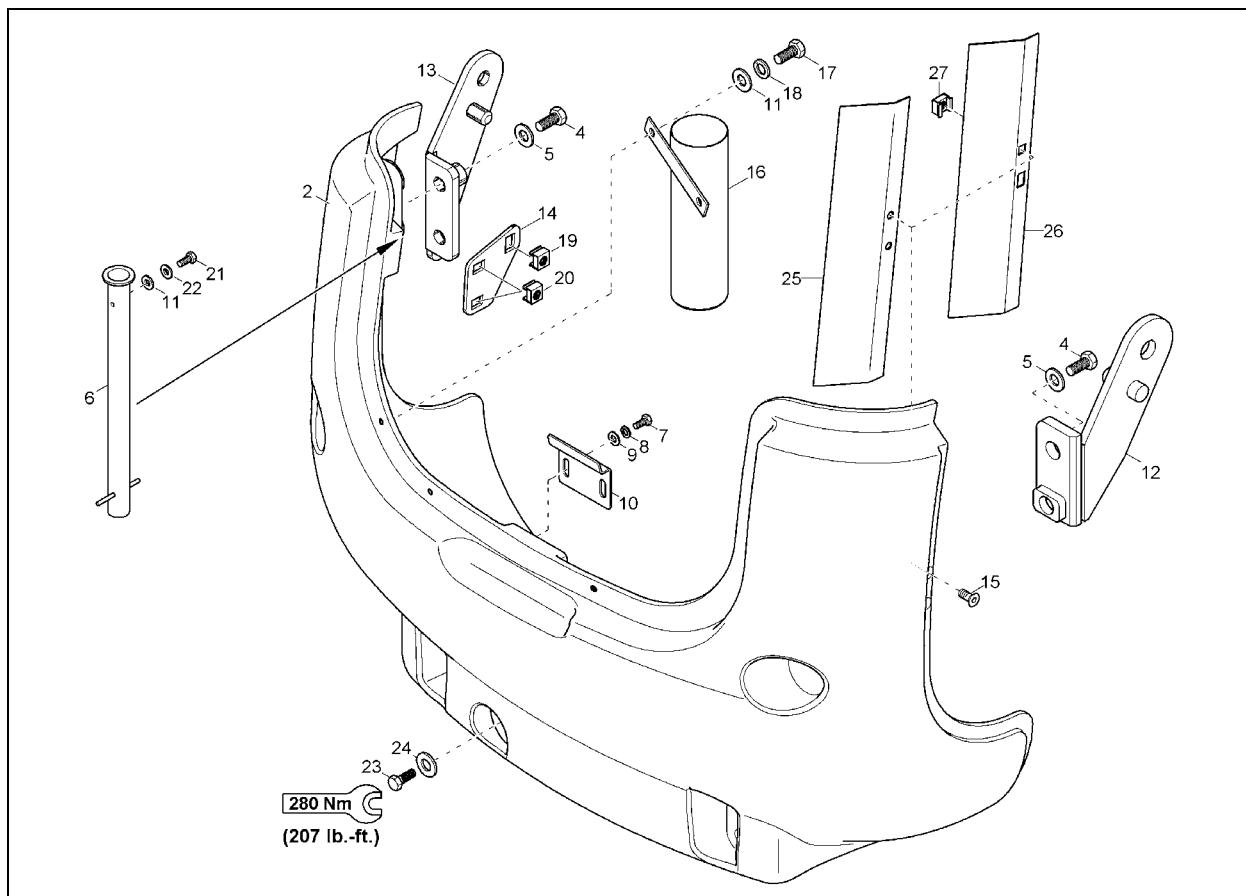
# 153 - LUBRICATION

1000131660 (SN AD00453 AND BEFORE)



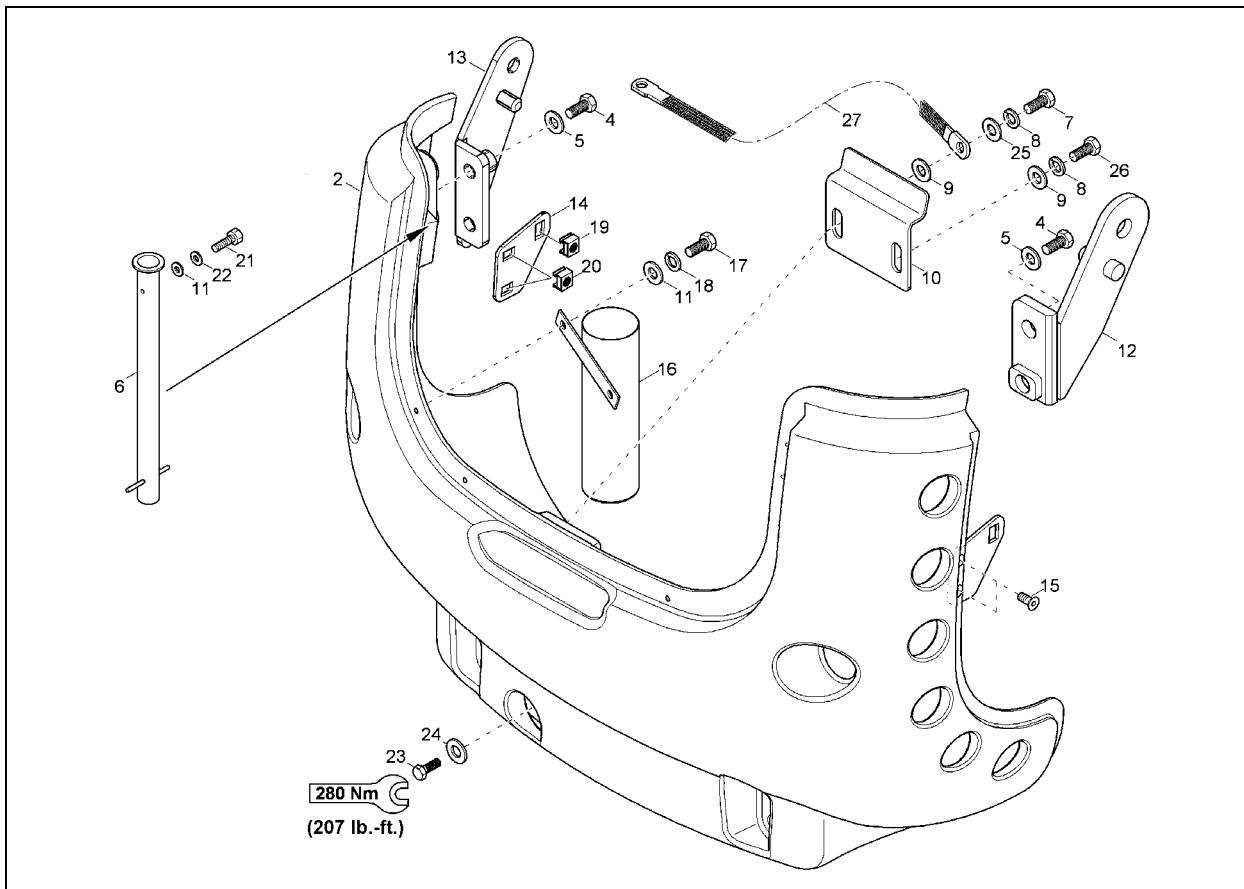
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	161469	WASHER		4	6	161461	SCREW JOINT		2
2	161468	NUT		4	7	9910598G	SCREW JOINT		2
3	165964	ELBOW		1	8	206165	LUBRICATION TUBE (0.90M)		1
4	9909039G	GREASE FITTING		2	9	206976	LUBRICATION TUBE (0.4M)		1
5	161416	CAP		2					

**153 - COUNTERWEIGHT**  
**1000155445 (SN AF00243 AND UP)**



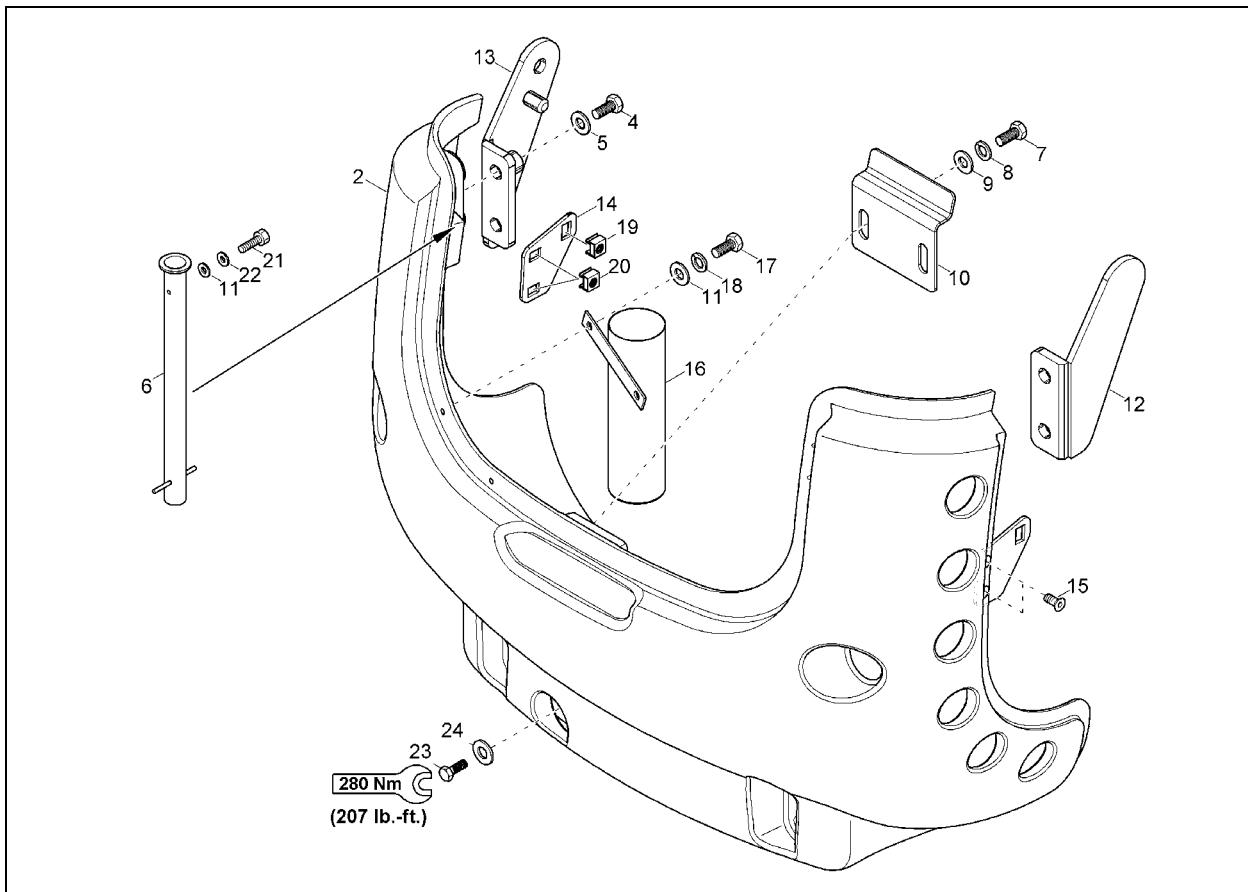
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	206025	COUNTERWEIGHT	1	17	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
4	9901732G	HEX HEAD SCREW	4	18	163670	LOCKWASHER	2
5	163645	WASHER	4	19	161610	NUT/CAGE M10	1
6	1423011G	SUPPORT	1	20	161616	NUT/CAGE M8	2
7	656090	CS M10-1.5X16 C8.8 ZY DIN931	2	21	656002	CS M8-1.25X35 C8.8 ZY DIN931	1
8	161669	LOCKWASHER S10	2	22	656110	LW M8 ZY DIN127	1
9	161663	WASHER/GR A 10.5 ZO	2	23	9901115G	SCREW	4
10	178432	BRACKET	1	24	161653	WASHER/ROUND HI-TENS 21	4
11	163634	WASHER	3	25	206026	BRACKET (SN AF03277 AND BEFORE)	1
12	206167	BRACKET	1	26	204039	BRACKET (SN AF03278 AND UP)	1
13	1421156G	BRACKET	1	27	161615	NUT/CAGE M8	2
14	1421213G	MOUNTING LINK	1				
15	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	4				
16	206168	GREASE GUN BRACKET	1				

**153 - COUNTERWEIGHT**  
**1000148831 (SN AE00001 - AF00242)**



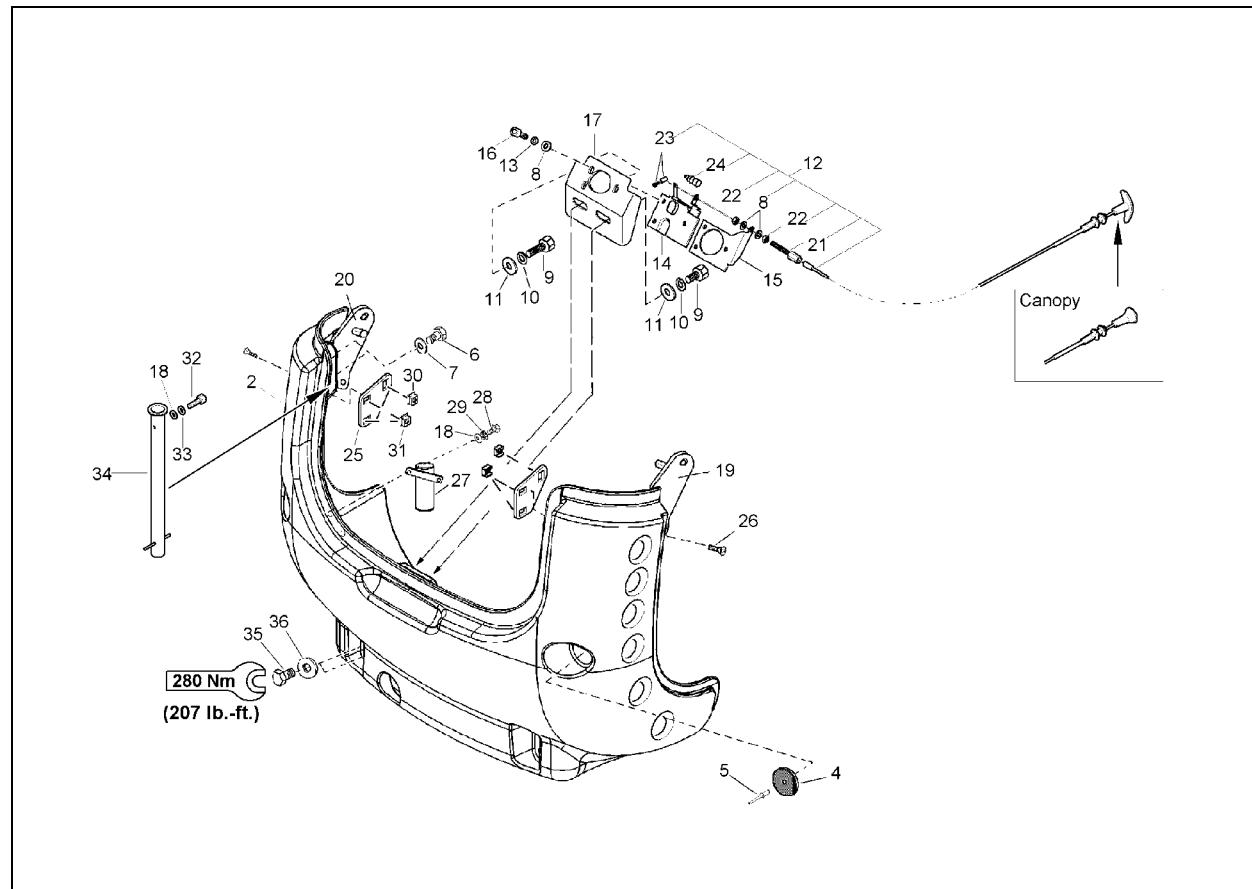
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
2	206166	COUNTERWEIGHT		1	16	206168	GREASE GUN BRACKET		1
4	9901732G	HEX HEAD SCREW		4	17	656093	CS M8-1.25X16 C8.8 ZY DIN931		2
5	163645	WASHER		4	18	163670	LOCKWASHER		2
6	1423011G	SUPPORT		1	19	161610	NUT/CAGE M10		2
7	651393	CS M10-1.5X25 C8.8 ZY		1	20	161616	NUT/CAGE M8		4
8	161669	LOCKWASHER S10		2	21	656002	CS M8-1.25X35 C8.8 ZY DIN931		1
9	161663	WASHER/GR A 10.5 ZO		2	22	656110	LW M8 ZY DIN127		1
10	178432	BRACKET		1	23	9901115G	SCREW		4
11	163634	WASHER		3	24	161653	WASHER/ROUND HI-TENS 21		4
12	206167	BRACKET		1	25	161640	WASHER/GR A 10.5		1
13	1421156G	BRACKET		1	26	656006	CS M10-1.5X20 C8.8 ZY DIN931		1
14	1421213G	MOUNTING LINK		2	27	165224	GROUND CABLE		1
15	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991		4					

**153 - COUNTERWEIGHT**  
**1000131247 (SN AD00454 - AD04191)**



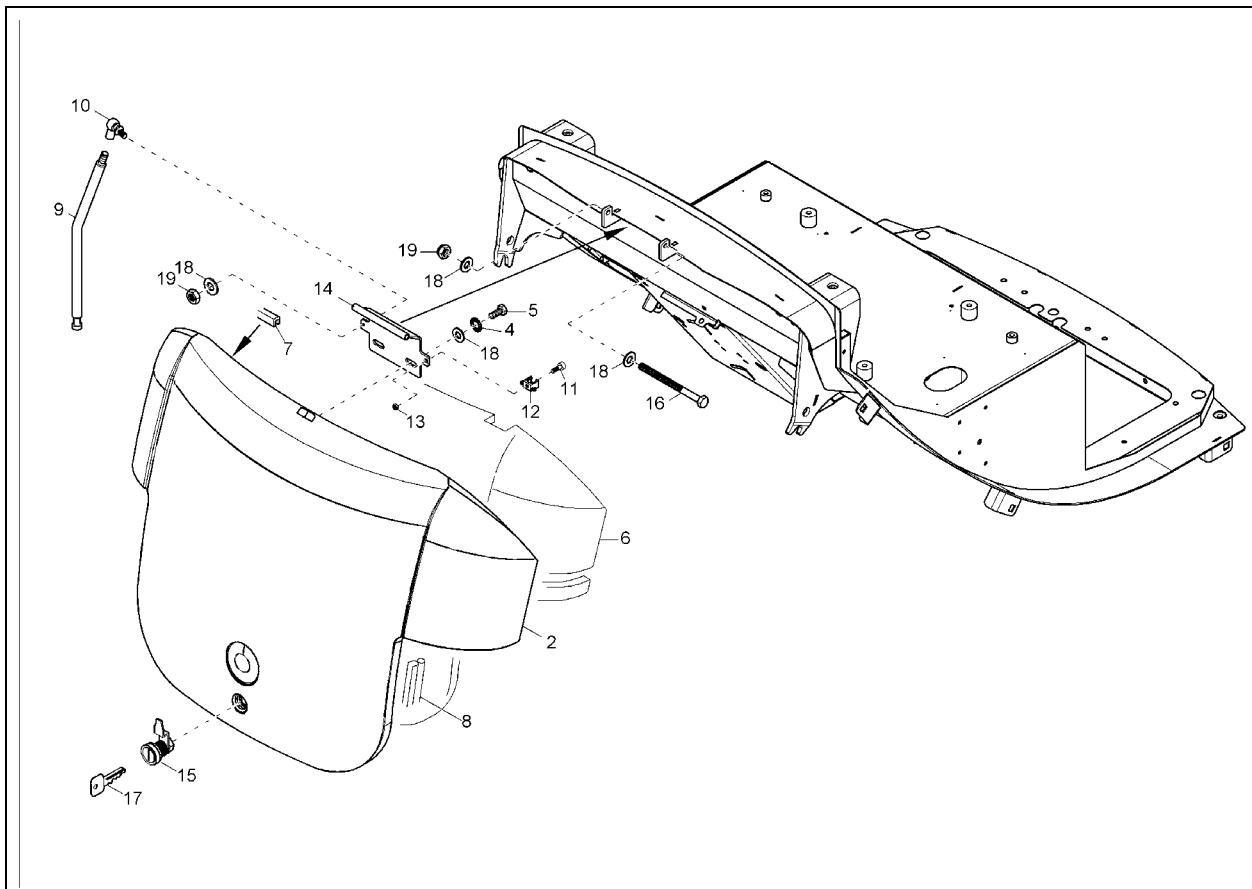
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	**	COUNTERWEIGHT	1	15	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	4
4	9901732G	HEX HEAD SCREW	4	16	1421036G	GREASE GUN BRACKET	1
5	163645	WASHER	4	17	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
6	1423011G	SUPPORT	1	18	163670	LOCKWASHER	2
7	656090	CS M10-1.5X16 C8.8 ZY DIN931	2	19	161610	NUT/CAGE M10	2
8	161669	LOCKWASHER S10	2	20	161616	NUT/CAGE M8	4
9	161663	WASHER/GR A 10.5 ZO	2	21	656002	CS M8-1.25X35 C8.8 ZY DIN931	1
10	178432	SHEET METAL	1	22	656110	LW M8 ZY DIN127	1
11	163634	WASHER	3	23	9901115G	SCREW	4
12	1421158G	BRACKET	1	24	161653	WASHER/ROUND HI-TENS 21	4
13	1421156G	BRACKET	1			** Call for availability	
14	1421213G	MOUNTING LINK	2				

**153 - COUNTERWEIGHT**  
**1000131701 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	**	COUNTERWEIGHT	1	21	162604	SCREW	1
4	165222	REFLECTOR	2	22	651457	LN INS M6-1 C8 ZY DIN6924	1
5	161627	POP RIVET A4 X 12	2	23	161929	CABLE LOCK	1
6	9901732G	HEX HEAD SCREW	4	24	164698	BELLOWS	1
7	163645	WASHER	4	25	1421213G	MOUNTING LINK	2
8	161660	WASHER GR A6.4 ZO DIN 125	5	26	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	4
9	656090	CS M10-1.5X16 C8.8 ZY DIN931	2	27	1421036G	GREASE GUN BRACKET	1
10	161669	LOCKWASHER S10	2	28	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
11	161663	WASHER/GR A 10.5 ZO	2	29	163670	LOCKWASHER	2
12	178690	CABLE	1	30	161610	NUT/CAGE M10	2
	1420401G	CABLE (CANOPY)	1	31	161616	NUT/CAGE M8	4
13	161675	LOCKWASHER S6	3	32	656002	CS M8-1.25X35 C8.8 ZY DIN931	1
14	161062	BRACKET	1	33	656110	LW M8 ZY DIN127	1
15	164667	ANGLE	1	34	1423011G	SUPPORT	1
16	651507	SHCS M6-1X20 C8.8 ZY DIN912	3	35	9901115G	SCREW	4
17	1421145G	BRACKET	1	36	161653	WASHER/ROUND HI-TENS 21	4
18	163634	WASHER	3	** Call for availability			
19	1421158G	BRACKET	1				
20	1421156G	BRACKET	1				

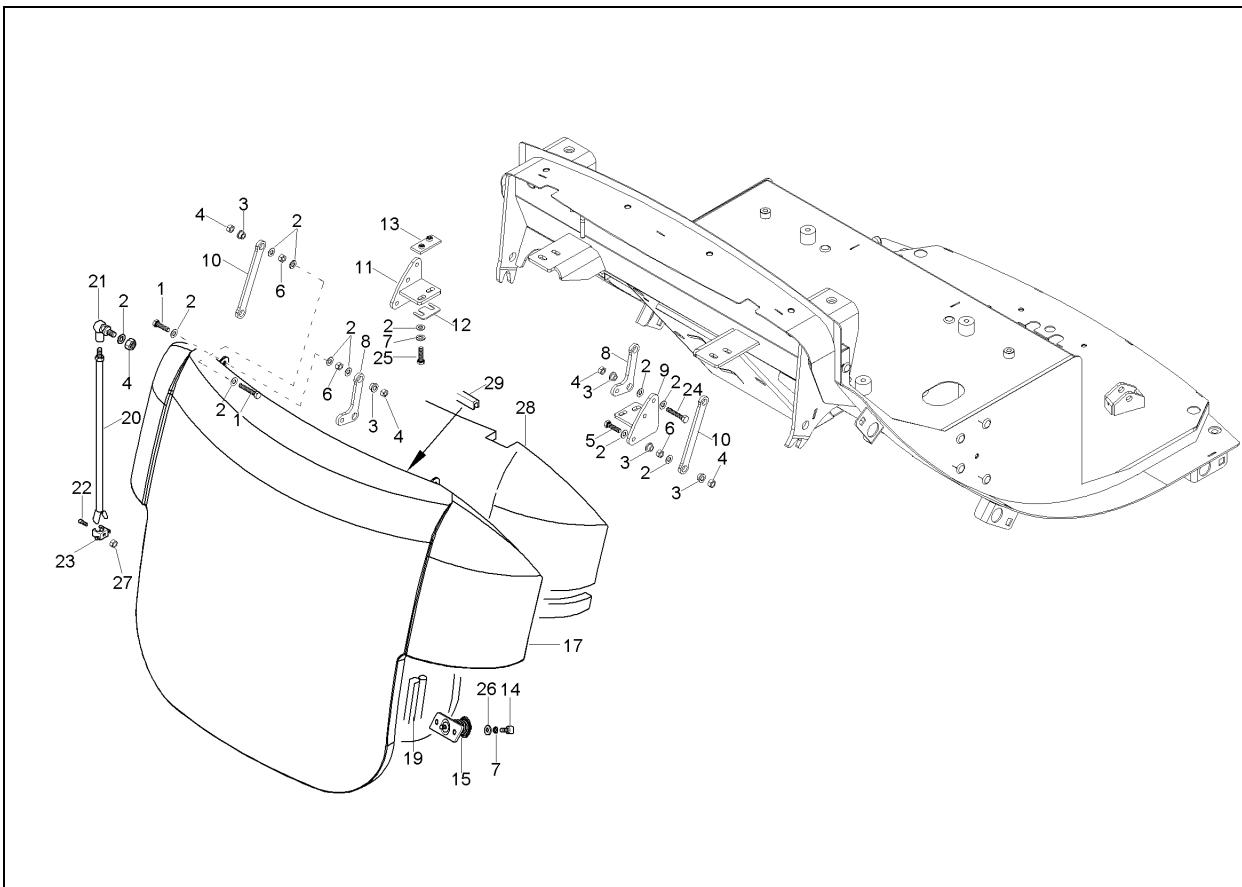
153 - HOOD  
1000131248 (SN AD00454 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
2	178429	BONNET	1	12	162389	CLAMP	1
4	163670	LOCKWASHER	2	13	651456	LN INS M5-0.8 C8 ZY DIN6924	1
5	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	14	178464	HINGE	1
6	178458	ISOLATION MAT	1	15	2529457G	LOCK W/O KEYS	1
7	207212	EDGE PROTECTION SECTION (1.3M)	1	16	178525	SCREW	1
8	206170	RUBBER PROFILE (2.00M)	1	17	101792	KEY	1
9	178437	BRACKET	1	18	163634	WASHER	5
10	162072	BALL AND SOCKET	1	19	651458	LN INS M8-1.25 C8 ZY DIN6924	2
11	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	1				

153 - HOOD

**1000131702 (SN AD00453 AND BEFORE)**

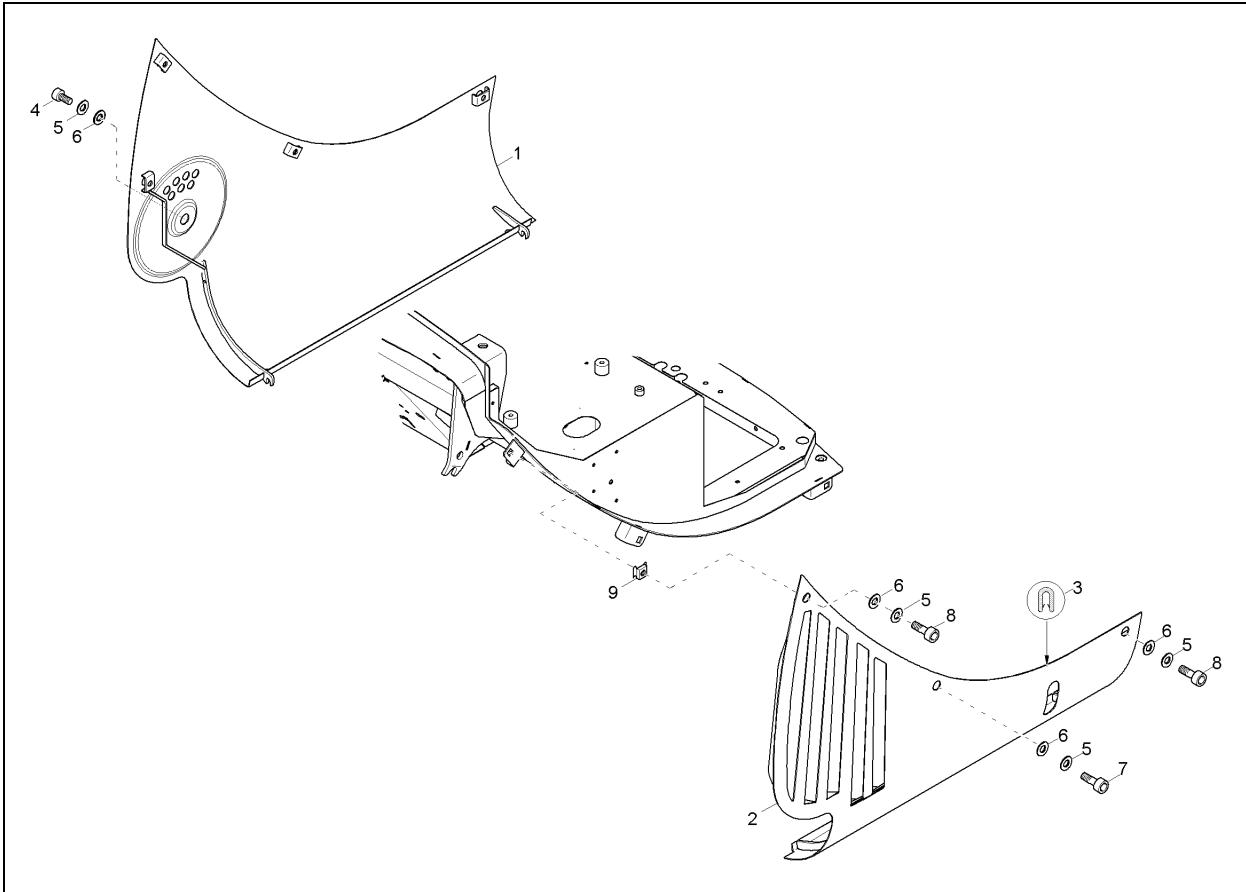


Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	656002	CS M8-1.25X35 C8.8 ZY DIN931		4	15	161061	LATCH		1
2	163634	WASHER		24	17	178133	COVER		1
3	1521006G	BUSHING		10	19	206170	RUBBER PROFILE (2.00M)		1
4	651458	LN INS M8-1.25 C8 ZY DIN6924		9	20	1421212G	BAR		1
5	656154	CS M8-1.25X45 C8.8 ZY DIN931		2	21	162072	BALL AND SOCKET		1
6	656048	HN M8-1.25 C8 ZY DIN934		6	22	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991		1
7	163670	LOCKWASHER		6	23	162389	CLAMP		1
8	1521004G	BRACKET		2	24	656094	CS M8-1.25X30 C8.8 ZY DIN931		2
9	1521003G	HINGED ANGLE CLIP RT		1	25	651433	HB M8-1.25X 40 C8.8 ZY		4
10	1521005G	JOINT ROD		2	26	7462680011	WASHER 8.4 ST A2C		2
11	1521002G	HINGED ANGLE CLIP LT		1	27	651456	LN INS M5-0.8 C8 ZY DIN6924		1
12	162675	SHIM (1.0MM)		AR	28	1429012G	ISOLATION MAT		1
13	162716	PLATE		2	29	207212	EDGE PROTECTION SECTION (1.3M)		1
14	177648	HEX SCREW		2					



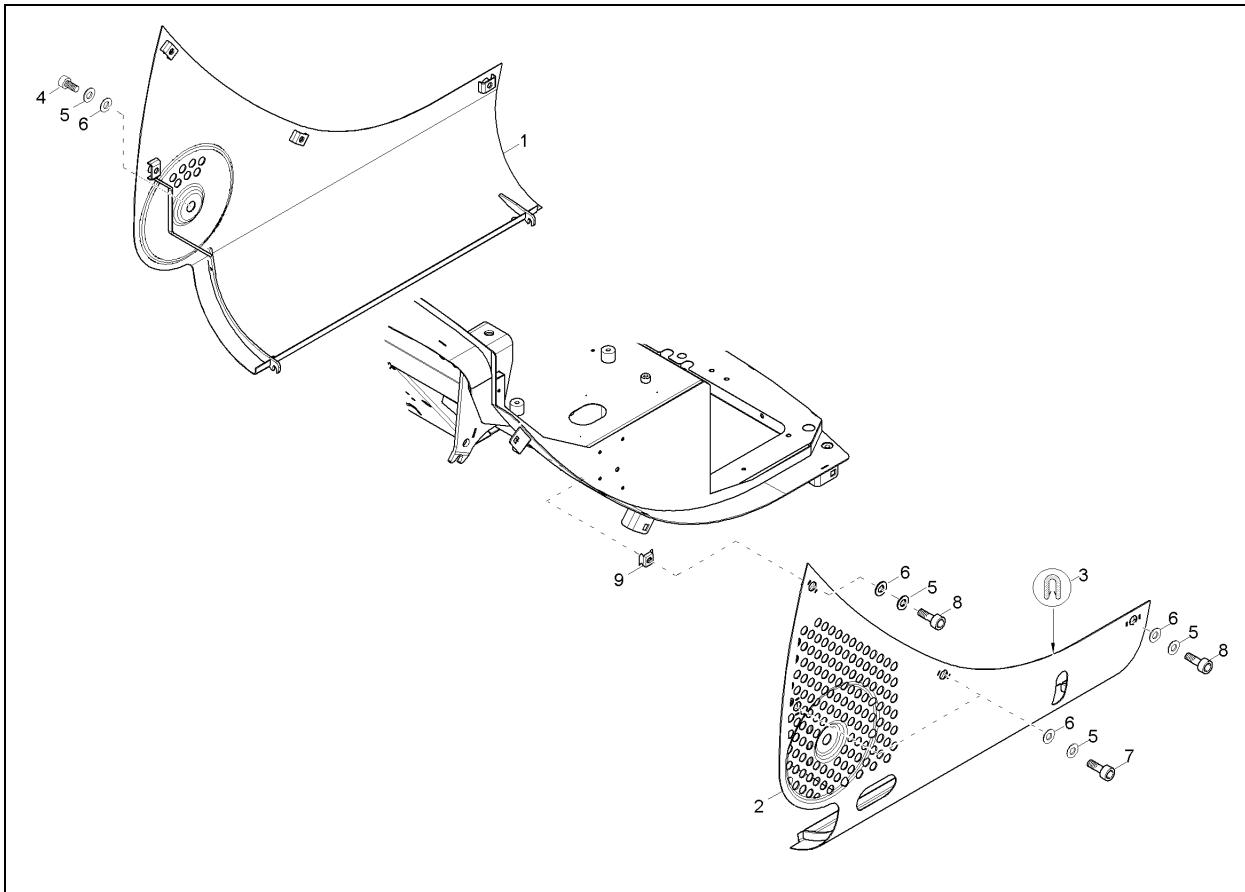
# 153 - SIDE PANELS

1000155451 (SN AF00152 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178433	SIDE WALL LT	1	6	161640	WASHER/GR A 10.5	7
2	206024	SIDE WALL RT	1	7	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	2
3	207215	EDGE PROTECTION SECTION (6.0M)	6	8	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	4
4	9901346G	SCREW	1	9	161610	NUT/CAGE M10	6
5	161669	LOCKWASHER S10	7				

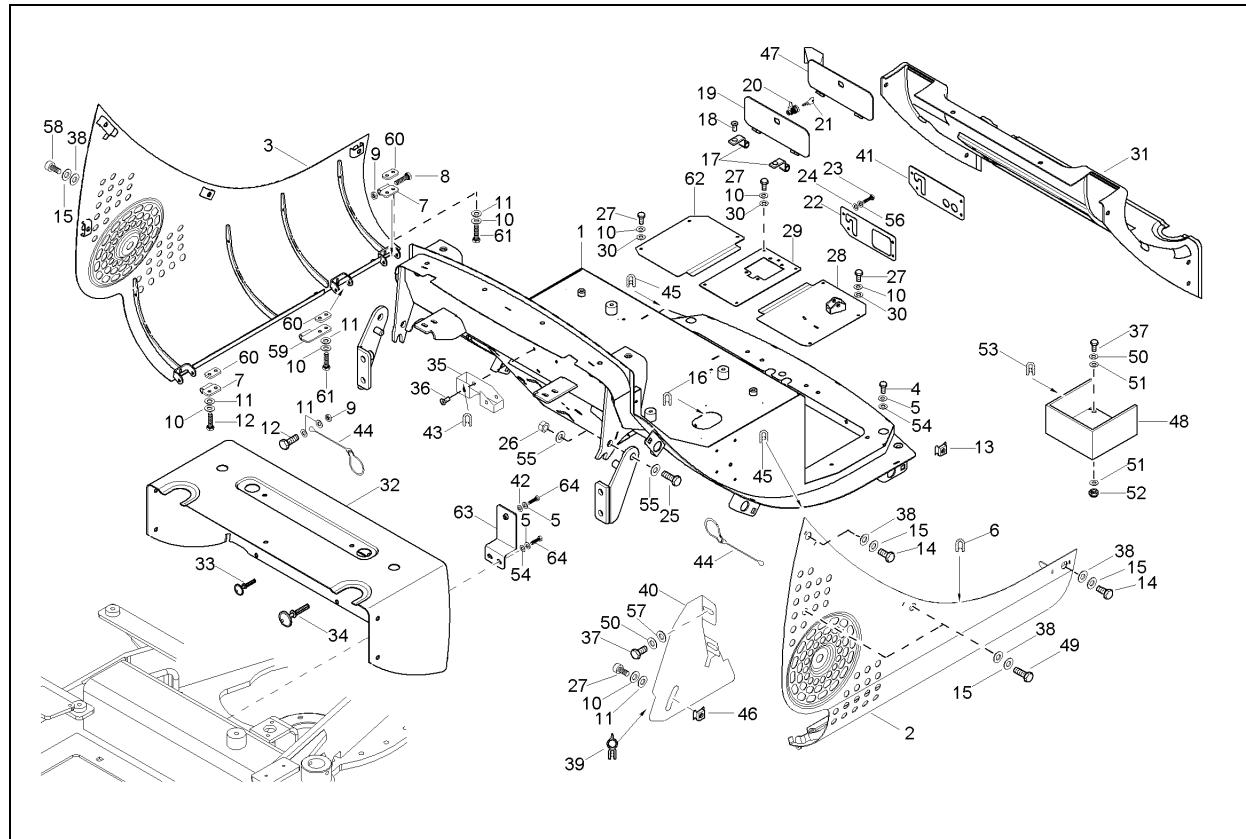
**153 - SIDE PANELS**  
**1000131249 (SN AD00454 - AF00151)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178433	SIDE WALL LT		1	6	161640	WASHER/GR A 10.5		8
2	178434	SIDE WALL RT		1	7	651473	SHCS M10-1.25X25 F8.8 ZY DIN912		3
3	207215	EDGE PROTECTION SECTION (6.0M)		1	8	651475	SHCS M10-1.25X30 F8.8 ZY DIN912		4
4	9901346G	SCREW		1	9	161610	NUT/CAGE M10		6
5	161669	LOCKWASHER S10		8					

## **153 - SIDE PANELS/SEAT CONSOLE/CONSOLE COVERS**

**1000139371 (SN AC01477 - AD00453)**

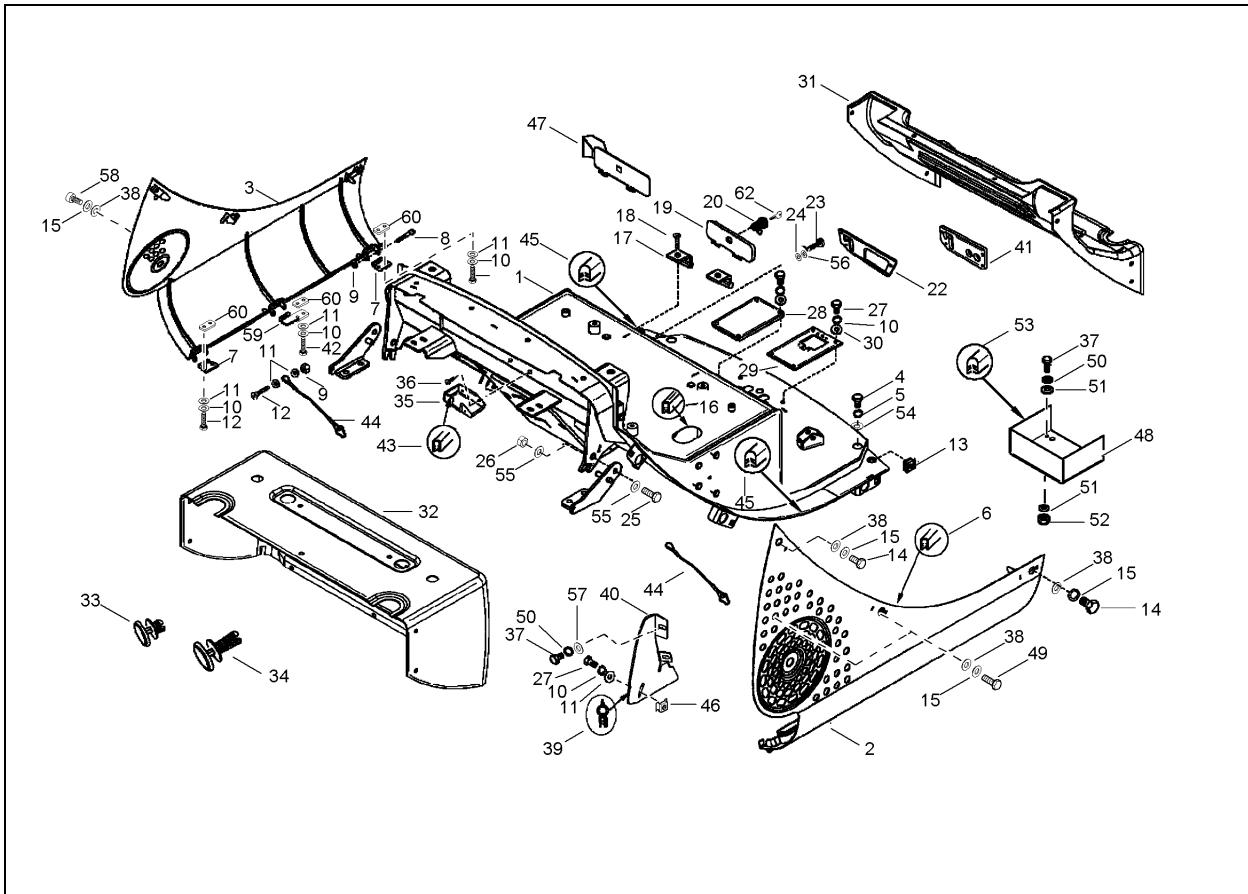


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178797	SEAT CONSOLE	1	25	651414	CS M16-2.00X40 C10.9 ZY DIN931	2
2	1421171G	SIDE WALL RT	1	26	656052	HN M16-2 C8 ZY DIN934	2
3	1421172G	SIDE WALL LT	1	27	177648	HEX SCREW	11
4	651480	SHCS M12-1.75X30 C10.9 ZY DIN912	2	28	178799	BOTTOM COVER	1
5	163651	WASHER	5	29	178800	BOTTOM COVER	1
6	207215	EDGE PROTECTION SECTION (6.0M)	1	30	163634	WASHER	10
7	1421165G	HINGE	5	31	1423103G	COVER	1
8	9901503G	SCREW	6	32	1423104G	COVER	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	12	33	164689	RIVET 11MM	7
10	163670	LOCKWASHER	26	34	164754	RIVET 20MM	16
11	7462680011	WASHER 8.4 ST A2C	21	35	1421181G	HAMMER BRACKET	1
12	656105	CS M8-1.25X25 C8.8 ZY DIN931	6	36	651461	FHSCS M6-1X12 C8.8 ZY DIN7991	2
13	161610	NUT/CAGE M10	6	37	656149	CS M6-1X16 C8.8 ZY DIN931	5
14	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	4	38	161640	WASHER/GR A 10.5	8
15	161669	LOCKWASHER S10	8	39	206171	RUBBER PROFILE (0.30M)	1
16	207222	PVC EDGE PROTECTION (0.6M)	1	40	1425024G	AIR GUIDING PLATE	1
17	1421033G	HINGE	2	41	1529004G	COVER	1
18	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	2	42	161645	WASHER/GR A 13 DIN7349	1
19	1421034G	COVER-CABIN MODEL	1	43	207210	EDGE PROTECTION SECTION (0.5M)	1
20	2529457G	LOCK W/O KEYS	1	44	1429427G	STEEL CORD	2
21	101792	KEY	1	45	207214	EDGE PROTECTION SECTION (2.8M)	1
22	1521185G	COVER	1	46	161615	NUT/CAGE M8	1
23	651504	SHCS M5-0.8X16 C8.8 ZY DIN912	4	47	1421045G	COVER-CANOPY MODEL	1
24	161665	WASHER/GR A 5.3	4	48	1423018G	STORAGE BOX (CANOPY)	1

**153 - SIDE PANELS/SEAT CONSOLE/CONSOLE COVERS**  
**1000139371 (SN AC01477 - AD00453)**

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
49	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	3	58	9901346G	SCREW	1
50	161675	LOCKWASHER S6	5	59	1421168G	HINGE	1
51	161660	WASHER GR A6.4 ZO DIN 125	6	60	1421169G	PLATE	6
52	656047	HN M6-1 C8 ZY DIN934	3	61	656094	CS M8-1.25X30 C8.8 ZY DIN931	8
53	207222	PVC EDGE PROTECTION (0.6M)	1	62	178801	BOTTOM COVER LT	1
54	161642	WASHER/GR A 13	4	63	178798	BRACKET	1
55	163645	WASHER	4	64	179757	SCREW	3
56	161674	LOCKWASHER S16	4				
57	7462680008	WASHER	2				

**153 - SIDE PANELS/SEAT CONSOLE/CONSOLE COVERS  
1000139370 (SN AC01476 AND BEFORE)**

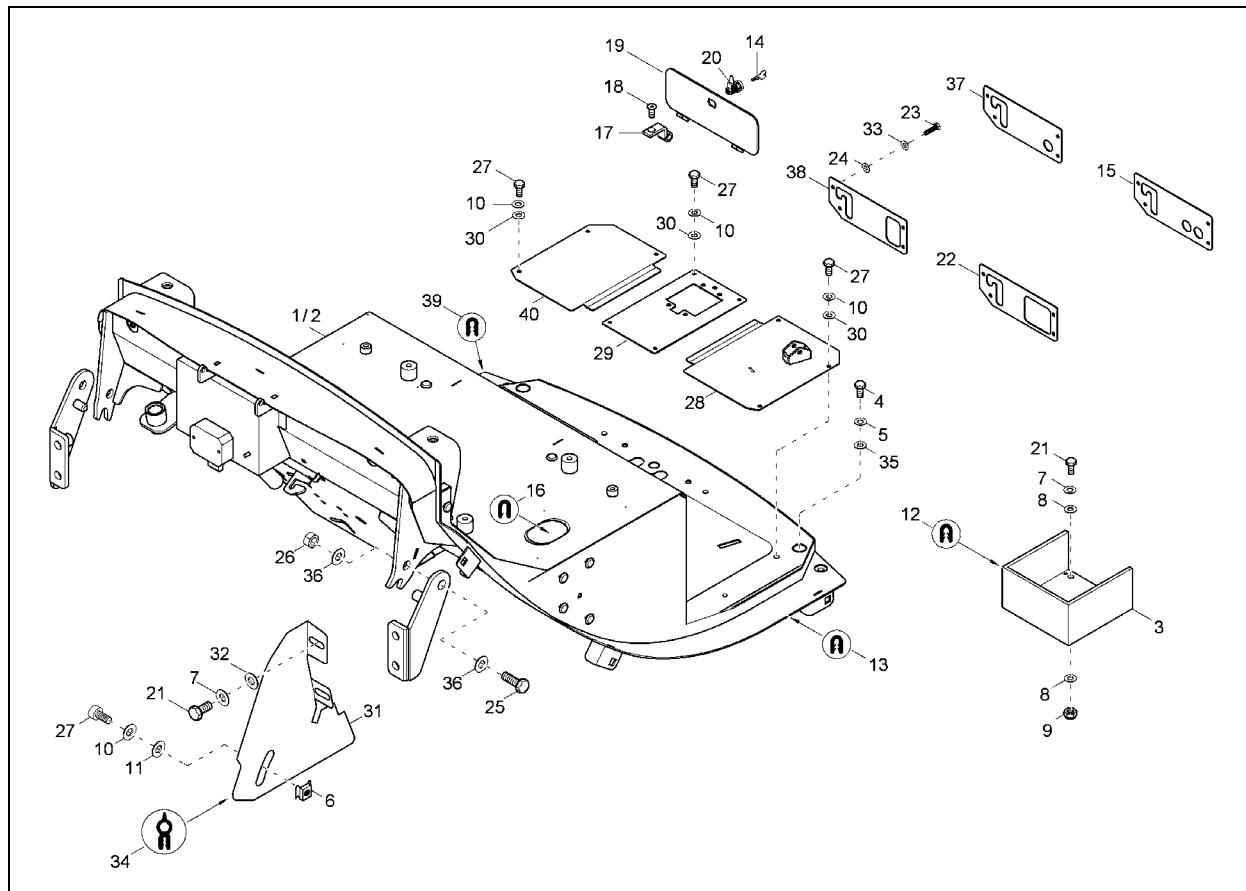


Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178797	SEAT CONSOLE		1	23	651504	SHCS M5-0.8X16 C8.8 ZY DIN912		4
2	1421171G	SIDE WALL RT		1	24	161665	WASHER/GR A 5.3		4
3	1421172G	SIDE WALL LT		1	25	651414	CS M16-2.00X40 C10.9 ZY DIN931		2
4	651480	SHCS M12-1.75X30 C10.9 ZY DIN912		2	26	656052	HN M16-2 C8 ZY DIN934		2
5	163651	WASHER		2	27	177648	HEX SCREW		9
6	207215	EDGE PROTECTION SECTION (6.0M)		1	28	1521179G	COVER		1
7	1421165G	HINGE		5	29	1521178G	COVER		1
8	9901503G	SCREW		6	30	163634	WASHER		8
9	651458	LN INS M8-1.25 C8 ZY DIN6924		12	31	1423103G	COVER		1
10	163670	LOCKWASHER		24	32	1423104G	COVER		1
11	7462680011	WASHER 8.4 ST A2C		21	33	164689	RIVET 11MM		7
12	656105	CS M8-1.25X25 C8.8 ZY DIN931		6	34	164754	RIVET 20MM		16
13	161610	NUT/CAGE M10		6	35	1421181G	HAMMER BRACKET		1
14	651475	SHCS M10-1.25X30 F8.8 ZY DIN912		4	36	651461	FHSCS M6-1X12 C8.8 ZY DIN7991		2
15	161669	LOCKWASHER S10		8	37	656149	CS M6-1X16 C8.8 ZY DIN931		5
16	207222	PVC EDGE PROTECTION (0.6M)		1	38	161640	WASHER/GR A 10.5		8
17	1421033G	HINGE		2	39	206171	RUBBER PROFILE (0.30M)		1
18	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991		2	40	1425024G	AIR GUIDING PLATE (SN AC00615 AND UP)		1
19	1421034G	COVER-CABIN MODEL		1		1425015G	AIR GUIDING PLATE (SN AC00614 AND BEFORE)		1
20	2529457G	LOCK W/O KEYS		1	41	1529004G	COVER		1
21	101792	KEY		1	42	656094	CS M8-1.25X30 C8.8 ZY DIN931 (SN AC00682 AND UP)		8
22	1521185G	COVER		1					

**153 - SIDE PANELS/SEAT CONSOLE/CONSOLE COVERS**  
**1000139370 (SN AC01476 AND BEFORE)**

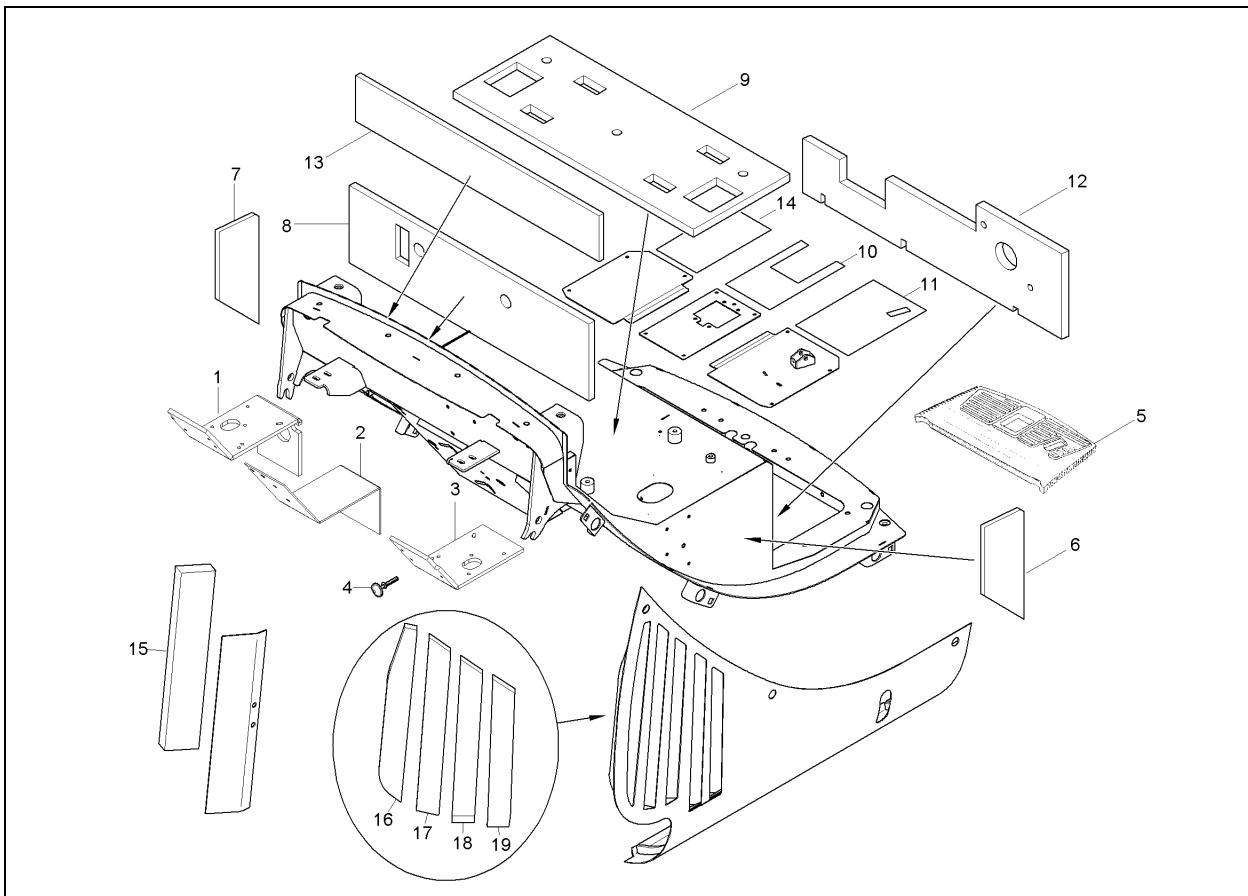
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
43	207210	EDGE PROTECTION SECTION (0.5M)	1	51	161660	WASHER GR A6.4 ZO DIN 125	6
44	1429427G	STEEL CORD	2	52	656047	HN M6-1 C8 ZY DIN934	3
45	207214	EDGE PROTECTION SECTION (2.8M)	1	53	207222	PVC EDGE PROTECTION (0.6M)	1
46	161615	NUT/CAGE M8	1	54	161642	WASHER/GR A 13	2
47	1421045G	COVER-CANOPY MODEL (SN AC00013 AND UP)	1	55	163645	WASHER	4
48	1423018G	STORAGE BOX (CANOPY) (SN AC00093 AND UP)	1	56	161674	LOCKWASHER S16	4
49	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	3	57	7462680008	WASHER	2
50	161675	LOCKWASHER S6	5	58	9901346G	SCREW	1
				59	1421168G	HINGE (SN AC00682 AND UP)	1
				60	1421169G	PLATE (SN AC00682 AND UP)	6

**153 - SEAT CONSOLE  
1000135933 (SN AD00454 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178462	SEAT CONSOLE (SN AF01067 AND BEFORE)		1	22	1521185G	COVER		1
2	204023	SEAT CONSOLE (SN AF01068 AND UP)		1	23	651504	SHCS M5-0.8X16 C8.8 ZY DIN912		4
3	1423018G	STORAGE BOX (CANOPY)		1	24	161665	WASHER/GR A 5.3		4
4	651480	SHCS M12-1.75X30 C10.9 ZY DIN912		2	25	651414	CS M16-2.00X40 C10.9 ZY DIN931		2
5	163651	WASHER		2	26	656052	HN M16-2 C8 ZY DIN934		2
6	161615	NUT/CAGE M8		1	27	177648	HEX SCREW		11
7	161675	LOCKWASHER S6		5	28	178799	BOTTOM COVER RT		1
8	161660	WASHER GR A6.4 ZO DIN 125		6	29	178800	BOTTOM COVER		1
9	656047	HN M6-1 C8 ZY DIN934		3	30	163634	WASHER		10
10	163670	LOCKWASHER		14	31	1425024G	AIR GUIDING PLATE		1
11	7462680011	WASHER 8.4 ST A2C		5	32	7462680008	WASHER		2
12	207222	PVC EDGE PROTECTION (0.6M)		1	33	161674	LOCKWASHER S16		4
13	207213	EDGE PROTECTION SECTION (1.4M)		1	34	206171	RUBBER PROFILE (0.30M)		1
14	101792	KEY		1	35	161642	WASHER/GR A 13		2
15	1529004G	COVER		1	36	163645	WASHER		4
16	207222	PVC EDGE PROTECTION (0.6M)		1	37	178792	COVER		1
17	1421033G	HINGE		2	38	178692	COVER		1
18	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991		2	39	207213	EDGE PROTECTION SECTION (1.4M)		1
19	1421034G	COVER-CABIN MODEL		1	40	178801	BOTTOM COVER LT		1
20	2529457G	LOCK W/O KEYS		1					
21	656149	CS M6-1X16 C8.8 ZY DIN931		5					

**153 - ISOLATION MATS**  
**1000155450 (SN AF00152 AND UP)**



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1	1429107G	ISOLATION MAT	1
2	1429109G	ISOLATION MAT	1
3	1429108G	ISOLATION MAT	1
4	1423454G	LOCK/RIGHT	14
5	204025	FOOT MAT	1
6	1429017G	ISOLATION MAT RT	1
7	1429021G	ISOLATION MAT LT	1
8	1429018G	ISOLATION MAT	1
9	1429020G	ISOLATION MAT	1
10	178794	ISOLATION MAT	1

**Ref.**

**No. Part No.**

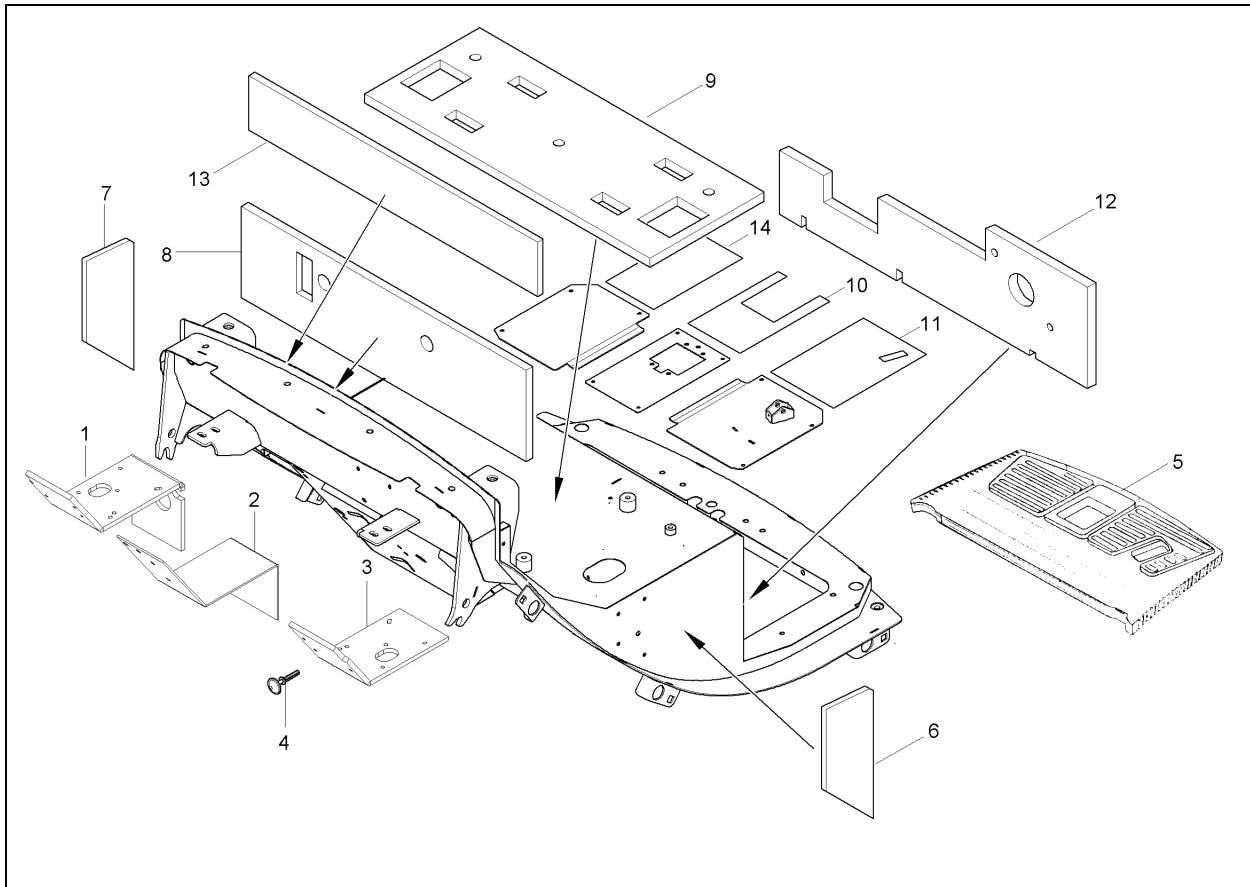
**Description**

**Qty.**

11	178457	ISOLATION MAT	1
12	1429019G	ISOLATION MAT	1
13	1429024G	ISOLATION MAT	2
14	178793	ISOLATION MAT	1
15	204005	ISOLATION MAT	1
16	204001	ISOLATION MAT	1
17	204002	ISOLATION MAT	1
18	204003	ISOLATION MAT	1
19	204004	ISOLATION MAT	1

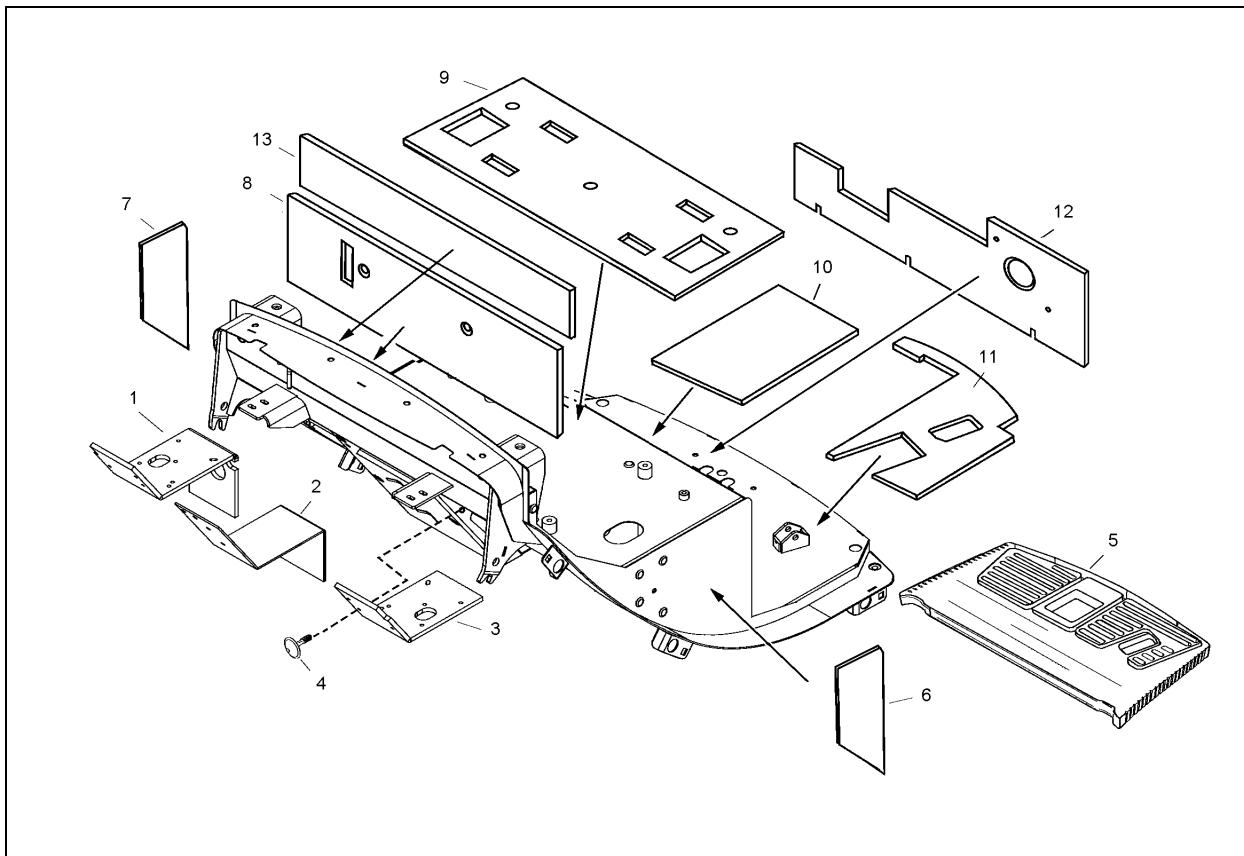
# 153 - ISOLATION MATS

1000131250/1000131706 (SN AC01477 - AF00151)



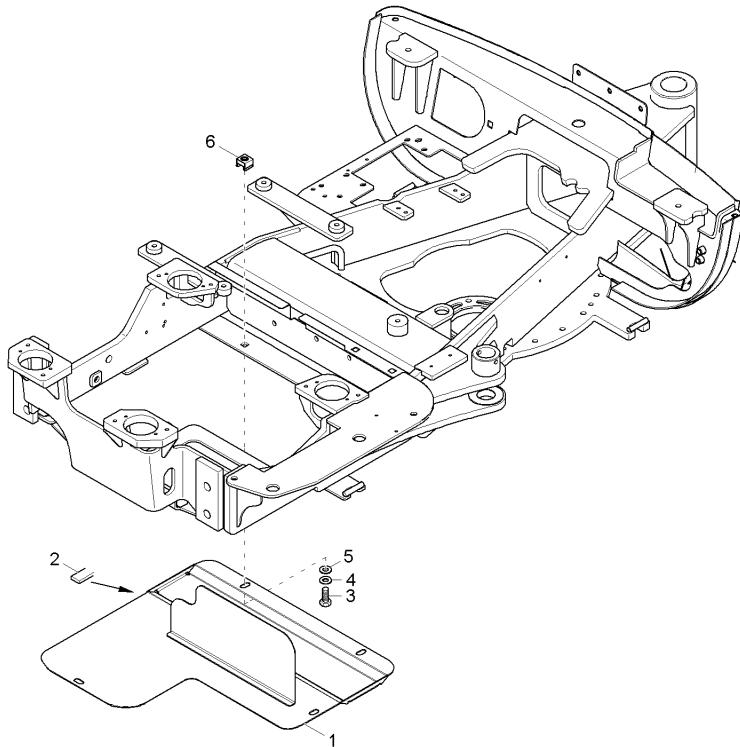
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1429107G	ISOLATION MAT	1	8	1429018G	ISOLATION MAT	1
2	1429109G	ISOLATION MAT	1	9	1429020G	ISOLATION MAT	1
3	1429108G	ISOLATION MAT	1	10	178794	ISOLATION MAT	1
4	1423454G	LOCK/RIGHT	14	11	178457	ISOLATION MAT	1
5	204025	FOOT MAT	1	12	1429019G	ISOLATION MAT	1
6	1429017G	ISOLATION MAT RT	1	13	1429024G	ISOLATION MAT	2
7	1429021G	ISOLATION MAT LT	1	14	178793	ISOLATION MAT	1

**153 - ISOLATION MATS**  
**1000131705 (SN AC01476 AND BEFORE)**



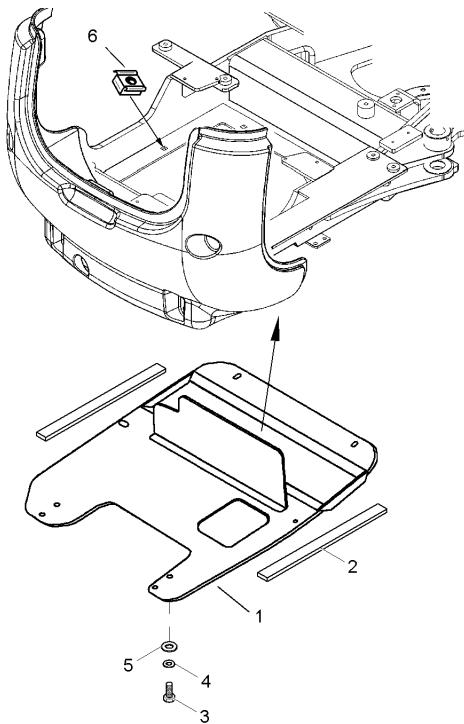
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1429107G	ISOLATION MAT	1	8	1429018G	ISOLATION MAT	1
2	1429109G	ISOLATION MAT	1	9	1429020G	ISOLATION MAT	1
3	1429108G	ISOLATION MAT	1	10	1429016G	INSULATING MATS	1
4	1423454G	LOCK/RIGHT	14	11	1429022G	ISOLATION MAT	1
5	204025	FOOT MAT	1	12	1429019G	ISOLATION MAT	1
6	1429017G	ISOLATION MAT RT	1	13	1429024G	ISOLATION MAT	1
7	1429021G	ISOLATION MAT LT	1				

**153 - CHASSIS COVER  
1000148944 (SN AE00001 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206164		ENGINE COVER	1	4	163670		LOCKWASHER	6
2	204020		SEAL STRAP FOAM (1.5M)	1	5	7462680011		WASHER 8.4 ST A2C	6
3	177648		HEX SCREW	6	6	161616		NUT/CAGE M8	6

**153 - CHASSIS COVER**  
**1000135932/1000139369 (SN AD04191 AND BEFORE)**



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1	1521009G	COVER	1
2	204020	SEAL STRAP FOAM (1.5M)	1
3	177648	HEX SCREW	6

**Ref.**

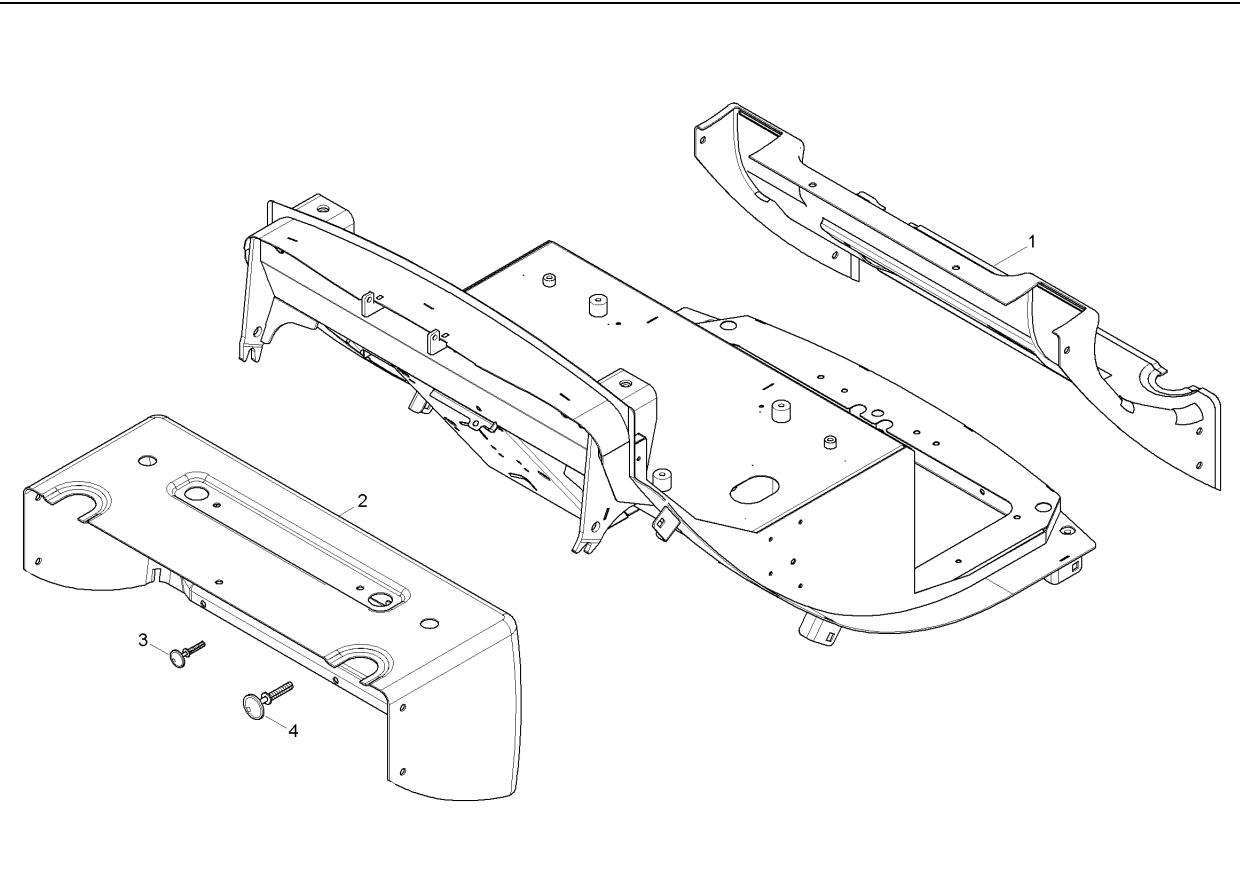
**No. Part No.**

**Description**

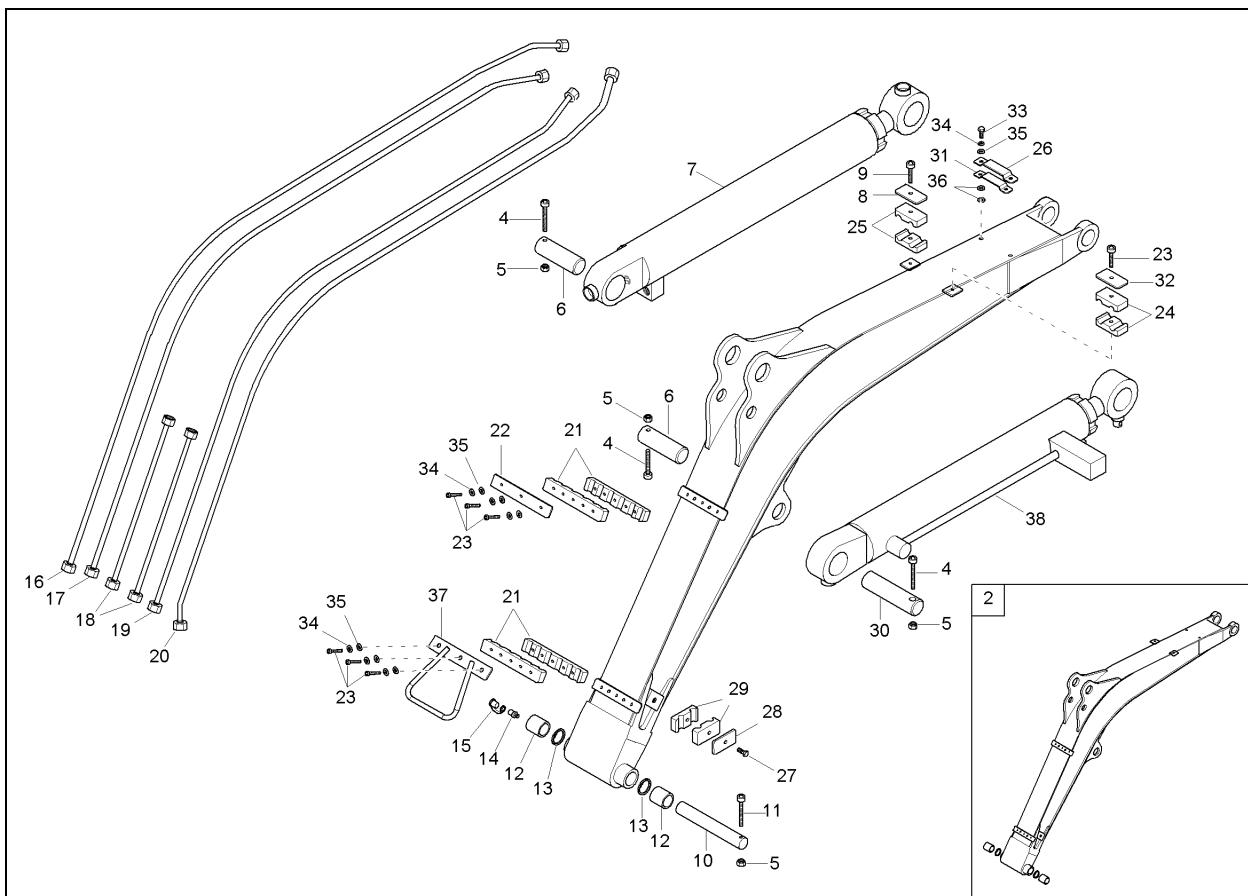
**Qty.**

4	163670	LOCKWASHER	6
5	7462680011	WASHER 8.4 ST A2C	6
6	161616	NUT/CAGE M8	6

**153 - SEAT CONSOLE COVER**  
**1000131453 (SN AD00454 AND UP)**

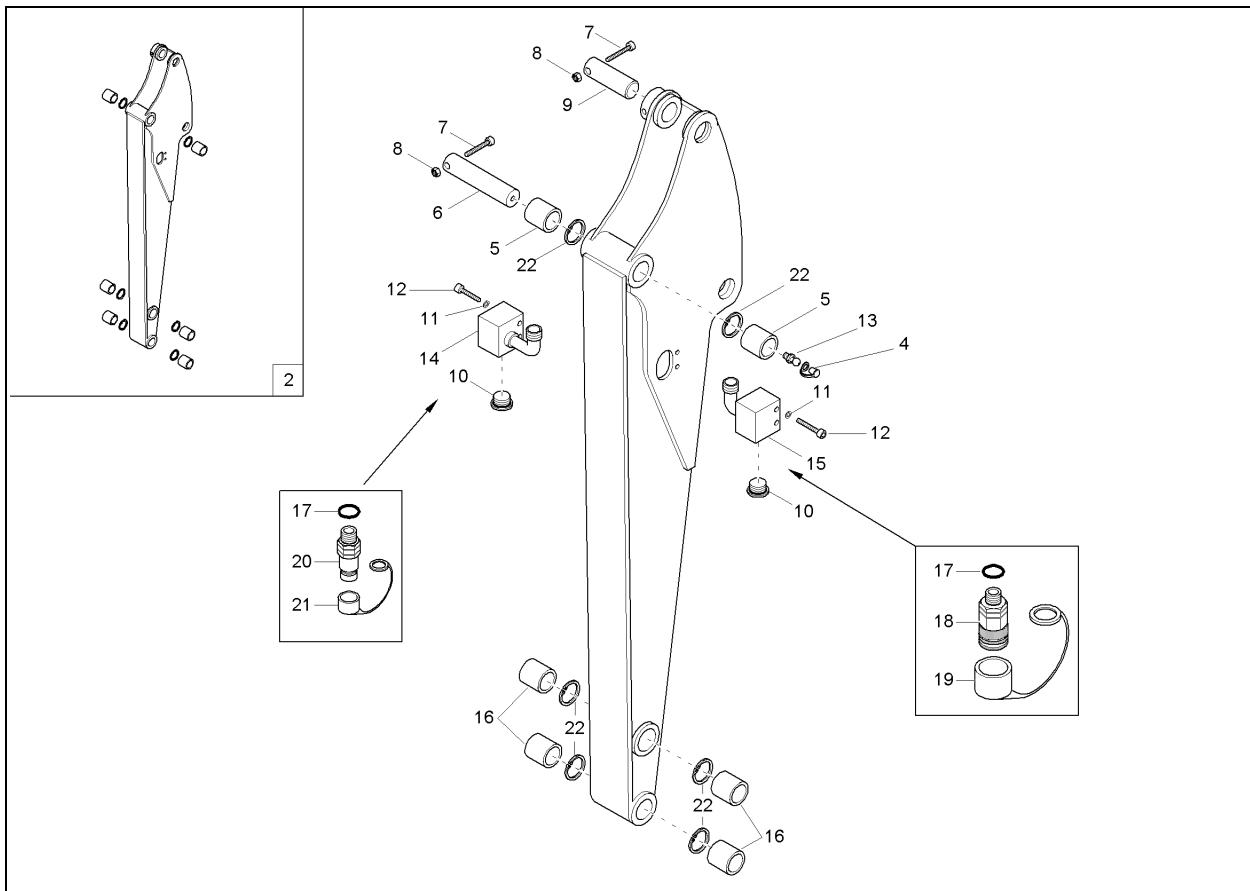


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1423103G	COVER	1	3	164689	RIVET 11MM	7
2	1423104G	COVER	1	4	164754	RIVET 20MM	16



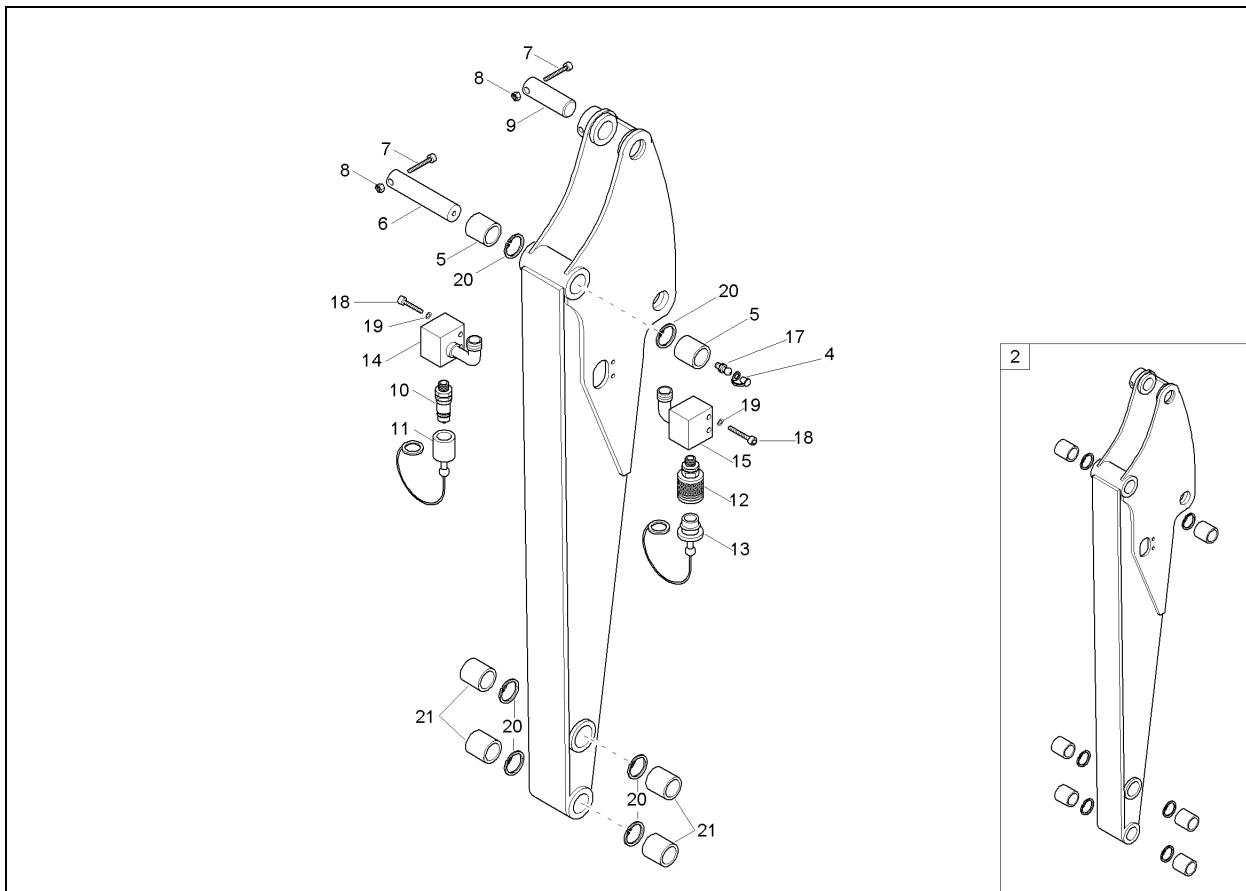
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
2	178256	PRE-ASSEMBLED BOOM (INCLUDES ITEMS 12 & 13)	1	20	178261	TUBE	1
		See page 113, page 115, page 116 or page 118 for required HP hoses.		21	1927029G	PIPE CLAMP	2
4	651438	HB M8-1.25X70 C8.8 ZY	3	22	1927023G	COVER	1
5	651458	LN INS M8-1.25 C8 ZY DIN6924	4	23	656002	CS M8-1.25X35 C8.8 ZY DIN931	7
6	1429008G	PIN DM=30 X 118	2	24	9914015G	COLLAR	2
7	204051	DIPPER ARM CYLINDER	1	25	161552	COLLAR	2
		See page 117 for individual components		26	1927022G	CLAMP	1
8	162070	COVER	1	27	656002	CS M8-1.25X35 C8.8 ZY DIN931	1
9	656139	CS M6-1X35 C8.8 ZY DIN931	1	28	162069	COVER	1
10	204021	PIN DM=36 X 225	1	29	161556	TUBE CLAMP	2
11	179789	SCREW	1	30	1429007G	PIN DM=30 X 132	1
12	161539	BUSHING	2	31	1427028G	RUBBER	1
13	161685	RING/SNAP B45 D7993	2	32	162069	COVER	1
14	161411	GREASE ZERK-7MM HEX HEAD	1	33	177648	HEX SCREW	2
15	161422	CAP	1	34	161675	LOCKWASHER S6	8
16	178260	TUBE	1	35	163634	WASHER	8
17	178259	TUBE	1	36	7462680011	WASHER 8.4 ST A2C	4
18	178257	TUBE	2	37	178452	BRACKET	1
19	178258	TUBE	1	38	202658	LIFTING BOOM CYLINDER	1
						See page 114 for individual components	

**153 - DIPPER ARM SHORT**  
**1000131252 (SN AD00454 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	1427401G	PRE-ASSEMBLED DIPPER ARM (INCLUDES ITEMS 5, 16 & 22)	1	13	161411	GREASE ZERK-7MM HEX HEAD	1
		See page 119, ref. 6 and page 133, ref. 7, 8 for required HP hoses.		14	1428412G	BLOCK	1
4	161422	CAP	1	15	1428413G	BLOCK	1
5	161547	BUSHING	2	16	161543	BUSHING	4
6	1429005G	BUSHING 30/40X40	1	17	161585	O-RING	2
7	651438	HB M8-1.25X70 C8.8 ZY	2	18	178564	COUPLING/FEMALE A13 15L BG3	1
8	651458	LN INS M8-1.25 C8 ZY DIN6924	2	19	177804	CAP	1
9	1429004G	PIN DIM=30X121	1	20	178576	COUPLING/MALE A13 15L BG3	1
10	178527	SCREW	2	21	177803	CAP	1
11	163670	LOCKWASHER	4	22	161684	RING/SNAP B38 D7993	6
12	9901617G	SCREW	4				

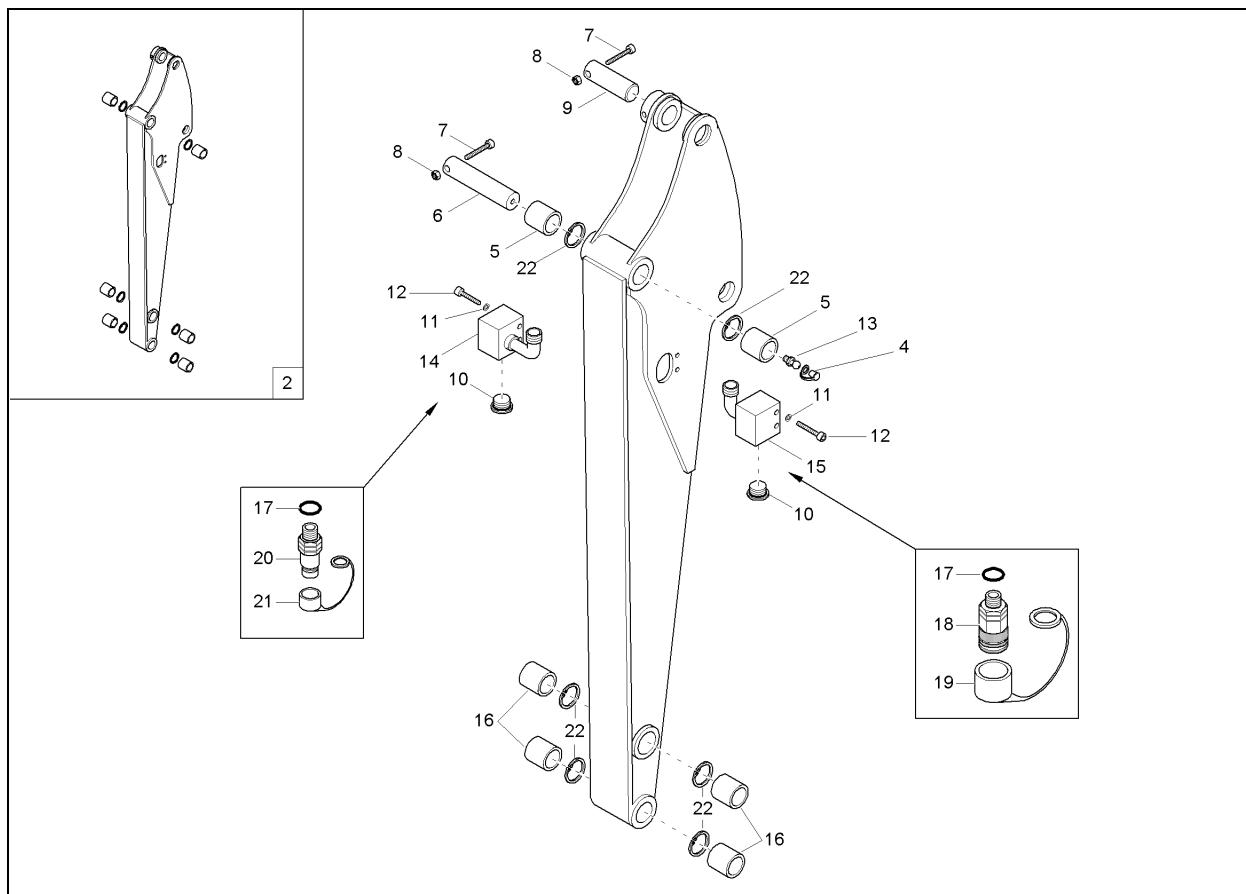
**153 - DIPPER ARM SHORT**  
**1000131708 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	1427401G	PRE-ASSEMBLED DIPPER ARM (INCLUDES ITEMS 5, 20 & 21)	1	11	160459	DUST CAP - OLD STYLE ONLY	1
		See page 116, ref. 7, 8, 9 for required HP hoses.		12	1428414G	COUPLER	1
4	161422	CAP	1	13	160458	DUST PLUG - OLD STYLE ONLY	1
5	161547	BUSHING	2	14	1428412G	BLOCK	1
6	1429005G	BUSHING 30/40X40	1	15	1428413G	BLOCK	1
7	651438	HB M8-1.25X70 C8.8 ZY	2	17	161411	GREASE ZERK-7MM HEX HEAD	1
8	651458	LN INS M8-1.25 C8 ZY DIN6924	2	18	9901617G	SCREW	4
9	1429004G	PIN DIM=30X121	1	19	163670	LOCKWASHER	4
10	1428415G	COUPLER	1	20	161684	RING/SNAP B38 D7993	6
				21	161543	BUSHING	4

# 153 - DIPPER ARM LONG (OPTION)

1000131253 (SN AD00454 AND UP)



**Ref.**

**No. Part No.**

**Description**

**Qty.**

2 1527401G	PRE-ASSEMBLED DIPPER ARM LONG (INCLUDES ITEMS 5, 16 & 22)	1
See page 119, ref. 6 and page 133, ref. 7, 8 for required HP hoses.		
4 161422	CAP	1
5 161547	BUSHING	2
6 1429005G	BUSHING 30/40X40	1
7 651438	HB M8-1.25X70 C8.8 ZY	2
8 651458	LN INS M8-1.25 C8 ZY DIN6924	2
9 1429004G	PIN DIM=30X121	1
10 178527	SCREW	1
11 163670	LOCKWASHER	4

**Ref.**

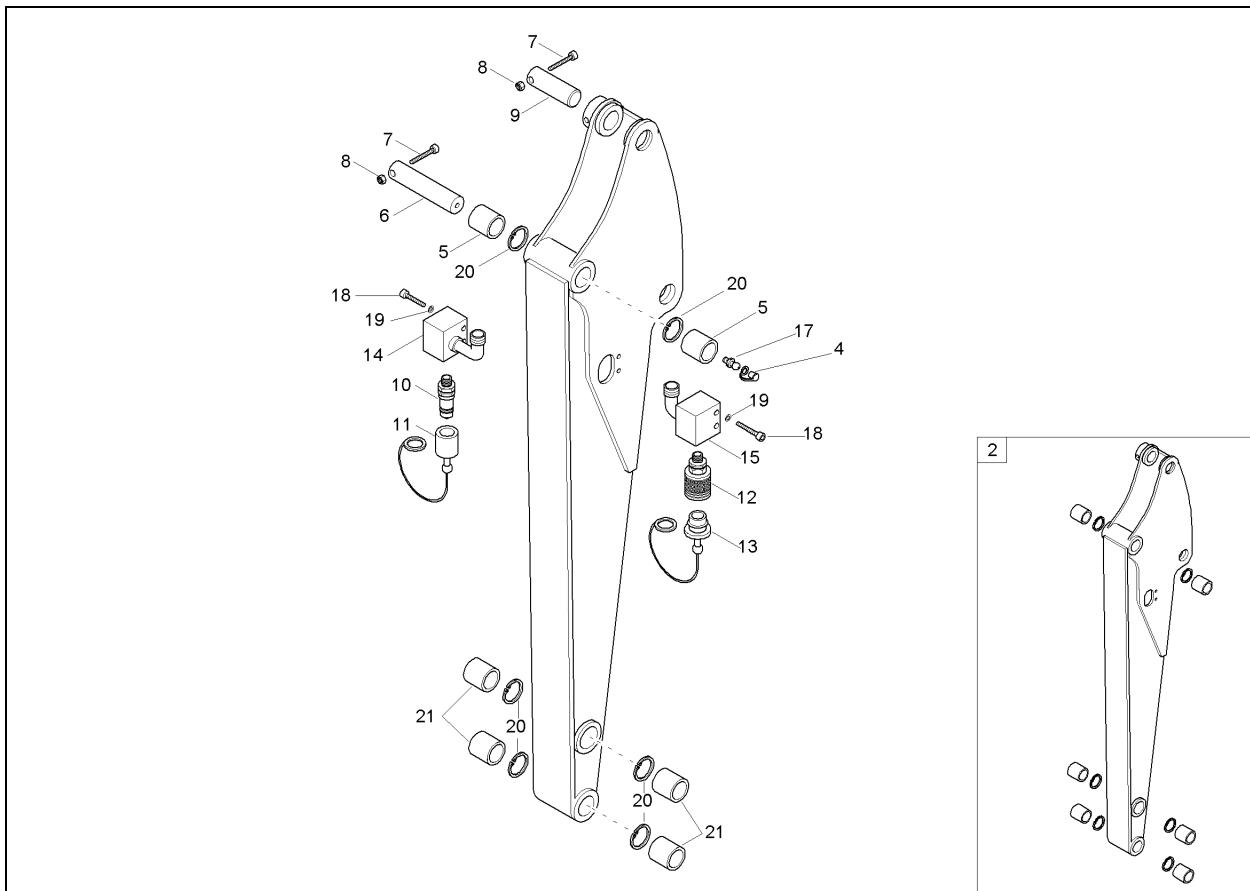
**No. Part No.**

**Description**

**Qty.**

12 9901617G	SCREW	4
13 161411	GREASE ZERK-7MM HEX HEAD	1
14 1428412G	BLOCK	1
15 1428413G	BLOCK	1
16 161543	BUSHING	4
17 161585	O-RING	2
18 178564	COUPLING/FEMALE A13 15L BG3	1
19 177804	CAP	1
20 178576	COUPLING/MALE A13 15L BG3	1
21 177803	CAP	1
22 161684	RING/SNAP B38 D7993	6

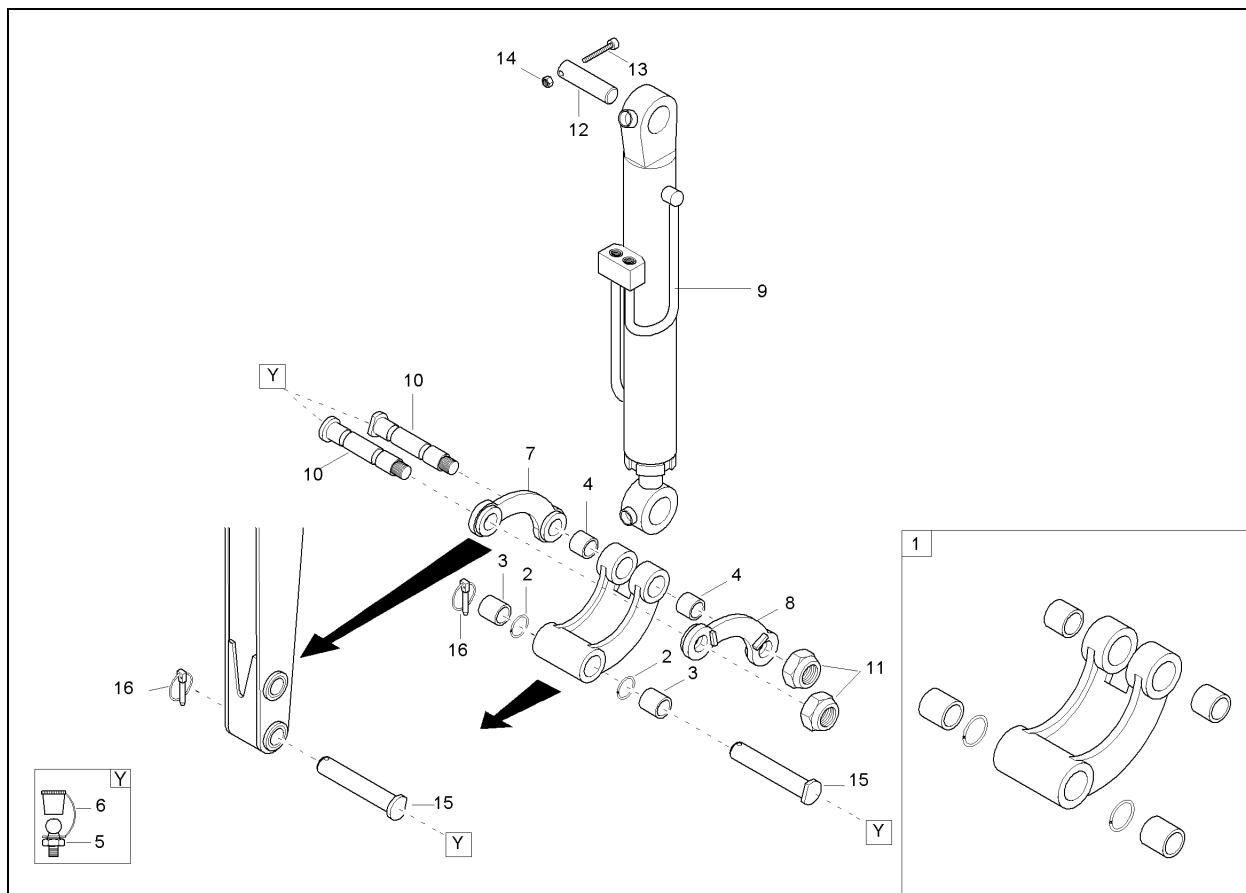
**153 - DIPPER ARM LONG (OPTION)  
1000131927 (SN AD00453 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	1527401G	PRE-ASSEMBLED DIPPER ARM LONG (INCLUDES ITEMS 5, 20 & 21)	1	11	160459	DUST CAP - OLD STYLE ONLY	1
		See page 118, ref. 7, 8, 9 for required HP hoses.		12	1428414G	COUPLER	1
4	161422	CAP	1	13	160458	DUST PLUG - OLD STYLE ONLY	1
5	161547	BUSHING	2	14	1428412G	BLOCK	1
6	1429005G	BUSHING 30/40X40	1	15	1428413G	BLOCK	1
7	651438	HB M8-1.25X70 C8.8 ZY	2	17	161411	GREASE ZERK-7MM HEX HEAD	1
8	651458	LN INS M8-1.25 C8 ZY DIN6924	2	18	9901617G	SCREW	4
9	1429004G	PIN DIM=30X121	1	19	163670	LOCKWASHER	4
10	1428415G	COUPLER	1	20	161684	RING/SNAP B38 D7993	6
				21	161543	BUSHING	4

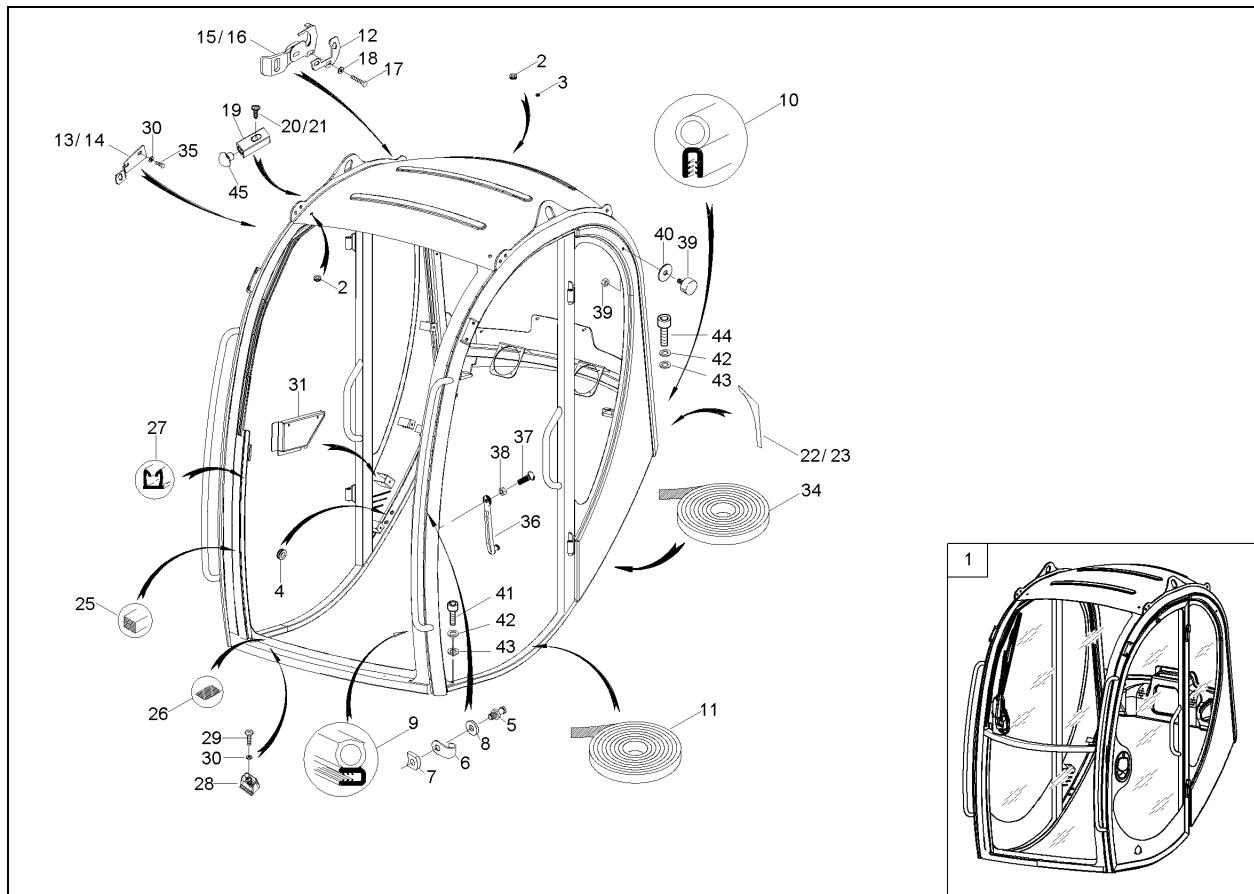
# 153 - CONNECTING LINK

1000135935



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1427402G	PRE-ASSEMBLED CONNECTOR LINK INCLUDES ITEMS 2, 3 & 4)	1	10	160696	PIN	2
2	161684	RING/SNAP B38 D7993	2	11	651454	LN INS M27-3 C8 ZY	2
3	161543	BUSHING	2	12	1429004G	PIN DIM=30X121	1
4	161540	BUSHING	2	13	651438	HB M8-1.25X70 C8.8 ZY	1
5	161411	GREASE ZERK-7MM HEX HEAD	4	14	651458	LN INS M8-1.25 C8 ZY DIN6924	1
6	161422	CAP	4	15	165051	PIN DM=32X190	2
7	160662	CONNECTING LINK	1	16	161405	LYNCH PIN	2
8	160663	CONNECTING LINK	1				
9	204050	DIPPER CYLINDER	1				
See page 120 for individual components							

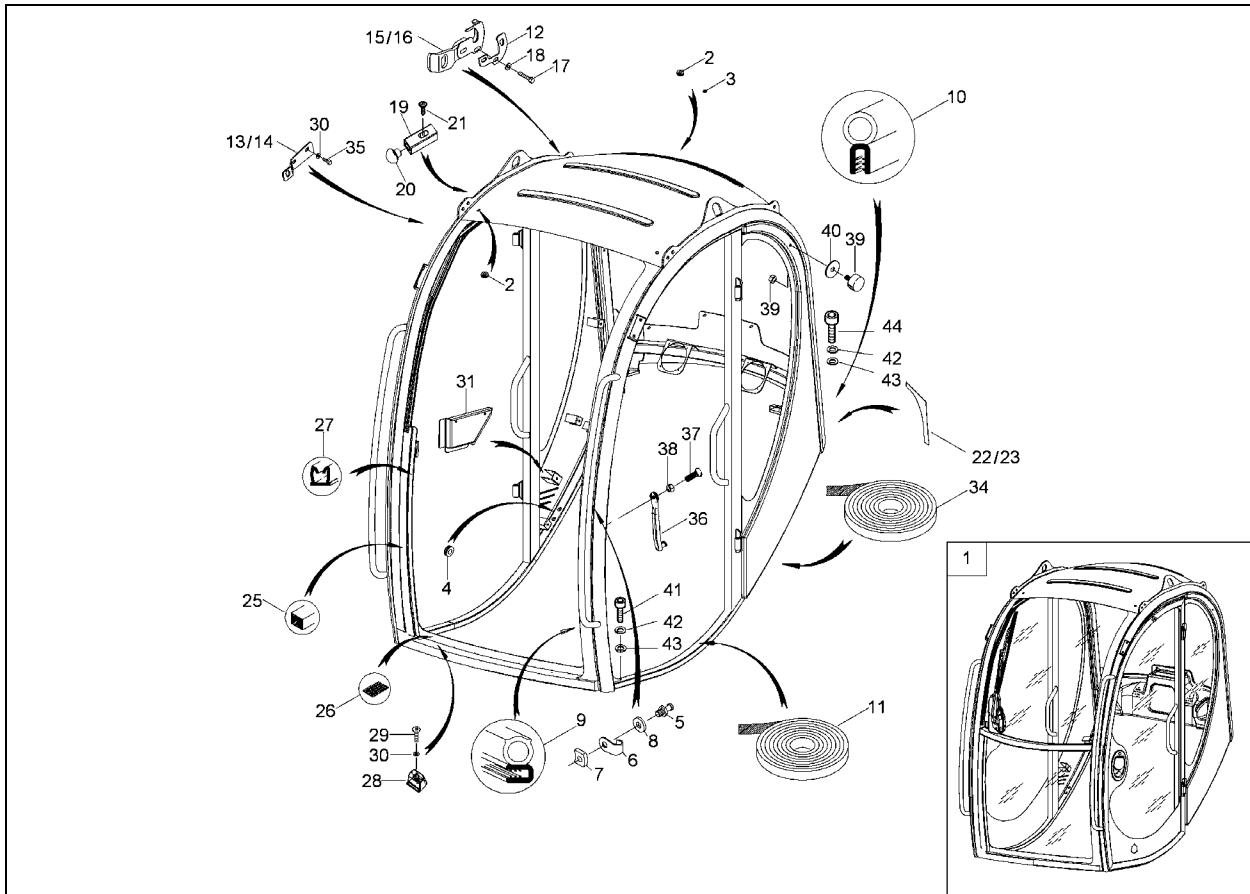
**153 - CABIN FRAME**  
**1000131256 (SN AD00454 AND UP)**



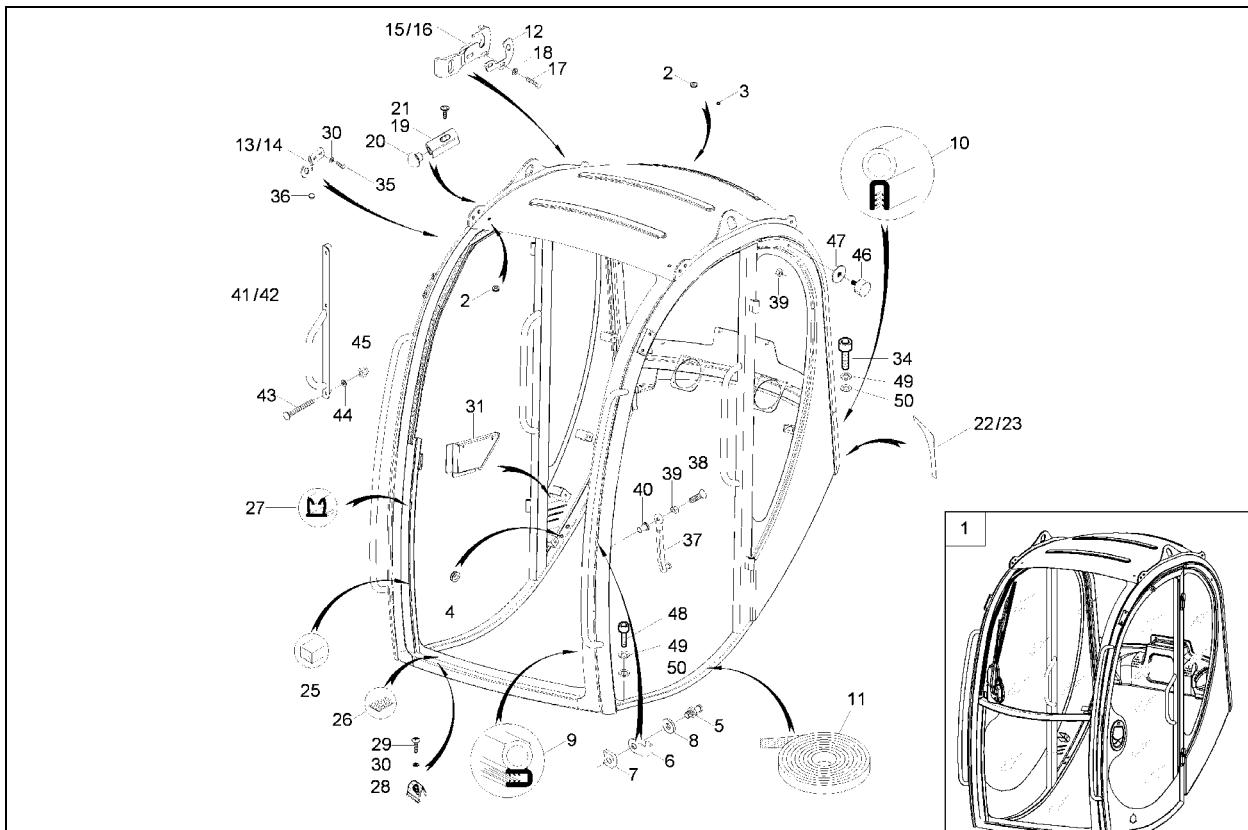
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	**	CABIN COMPLETE	1	23	1423410G	FOIL RT	1
2	162797	PLUG	5	25	207112	FOAM RUBBER BLACK 10X15MM (1.5M)	1
3	164677	PLUG	2	26	206173	SEAL STRAP (0.80M)	1
4	1424420G	RUBBER BUSHING	8	27	206174	WINDOW SEAL (1.50M)	1
5	161921	PIN	2	28	1423414G	COLLAR	2
6	164771	BRACKET	2	29	162862	SCREW	2
7	164678	PLATE	2	30	162925	WASHER	6
8	161923	WASHER	2	31	1423415G	BRACKET	1
9	206172	RUBBER PROFILE - (3.90M)	1	34	206175	RUBBER STRIP (3.00M)	1
10	207093	HOSE PROFILE (1.1M)	1	35	651521	CS M5-0.8X16 C8.8 ZY DIN931	4
11	206020	ANTI-SLIDE STRIP 25MM (1.00M)	1	36	2003018G	LATCH POST EXTENSION	2
12	1423433G	LOCK	1	37	9901392G	SCREW	2
13	1424453G	LOCK LT	1	38	656048	HN M8-1.25 C8 ZY DIN934	6
14	1424454G	LOCK RT	1	39	1423449G	RUBBER BUFFER	1
15	164679	BRACKET LT	1	40	160639	RUBBER WASHER	1
16	164680	BRACKET RT	1	41	651483	SHCS M12-1.75X35 C10.9 ZY DIN912	2
17	656128	CS M6-1X30 C8.8 ZY DIN931	4	42	163651	WASHER	4
18	162924	WASHER	4	43	161645	WASHER/GR A 13 DIN7349	4
19	164681	RESILIENT PAD	2	44	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	2
20	164907	SCREW (CAB SN 52264 AND BEFORE)	2	45	164686	RUBBER PLUG	2
21	207045	SCREW (CAB SN 52265 AND UP)	2			** Call for availability	
22	1423409G	FOIL LT	1				

## **153 - CABIN FRAME**

**1000132003 (SN AD00453 AND BEFORE; CAB SN 42289 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	204042	CABIN COMPLETE		1	23	1423410G	FOIL RT		1
2	162797	PLUG		5	25	207112	FOAM RUBBER BLACK 10X15MM (1.5M)		1
3	164677	PLUG		2	26	206173	SEAL STRAP (0.80M)		1
4	1424420G	RUBBER BUSHING		8	27	206174	WINDOW SEAL (1.50M)		1
5	161921	PIN		1	28	1423414G	COLLAR		2
6	164771	BRACKET		1	29	162862	SCREW		2
7	164678	PLATE		1	30	162925	WASHER		6
8	161923	WASHER		1	31	1423415G	BRACKET		1
9	206172	RUBBER PROFILE - (3.90M)		1	34	206175	RUBBER STRIP (3.00M) (CAB SN LK-90 AND UP)		1
10	207093	HOSE PROFILE (1.1M)		1	35	651521	CS M5-0.8X16 C8.8 ZY DIN931		4
11	206039	ANTI-SLIDE STRIP 25MM (0.60M)		1	36	2003018G	LATCH POST EXTENSION		2
12	1423433G	LOCK		1	37	9901392G	SCREW		2
13	1424453G	LOCK LT		1	38	656048	HN M8-1.25 C8 ZY DIN934		4
14	1424454G	LOCK RT		1	39	1423449G	RUBBER BUFFER		1
15	164679	BRACKET LT		1	40	160639	RUBBER WASHER		1
16	164680	BRACKET RT		1	41	651483	SHCS M12-1.75X35 C10.9 ZY DIN912		2
17	656128	CS M6-1X30 C8.8 ZY DIN931		4	42	163651	WASHER		4
18	162924	WASHER		4	43	161645	WASHER/GR A 13 DIN7349		4
19	164681	RESILIENT PAD		2	44	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991		2
20	164686	RUBBER PLUG		2					
21	164907	SCREW		2					
22	1423409G	FOIL LT		1					



## Ref.

## No. Part No.

## Description

## Qty.

1	204042	CABIN COMPLETE	1
2	162797	PLUG	5
3	164677	PLUG	2
4	1424420G	RUBBER BUSHING	8
5	161921	PIN	1
6	164771	BRACKET	1
7	164678	PLATE	1
8	161923	WASHER	1
9	206172	RUBBER PROFILE - (3.90M)	1
10	207093	HOSE PROFILE (1.1M)	1
11	206039	ANTI-SLIDE STRIP 25MM (0.60M)	1
12	1423433G	LOCK	1
13	1423434G	LOCK LT	1
14	1423435G	LOCK RT	1
15	164679	BRACKET LT	1
16	164680	BRACKET RT	1
17	656128	CS M6-1X30 C8.8 ZY DIN931	4
18	162924	WASHER	4
19	164681	RESILIENT PAD	2
20	164686	RUBBER PLUG	2
21	164907	SCREW	2
22	1423409G	FOIL LT	1
23	1423410G	FOIL RT	1
25	207112	FOAM RUBBER BLACK 10X15MM (1.5M)	1

## Ref.

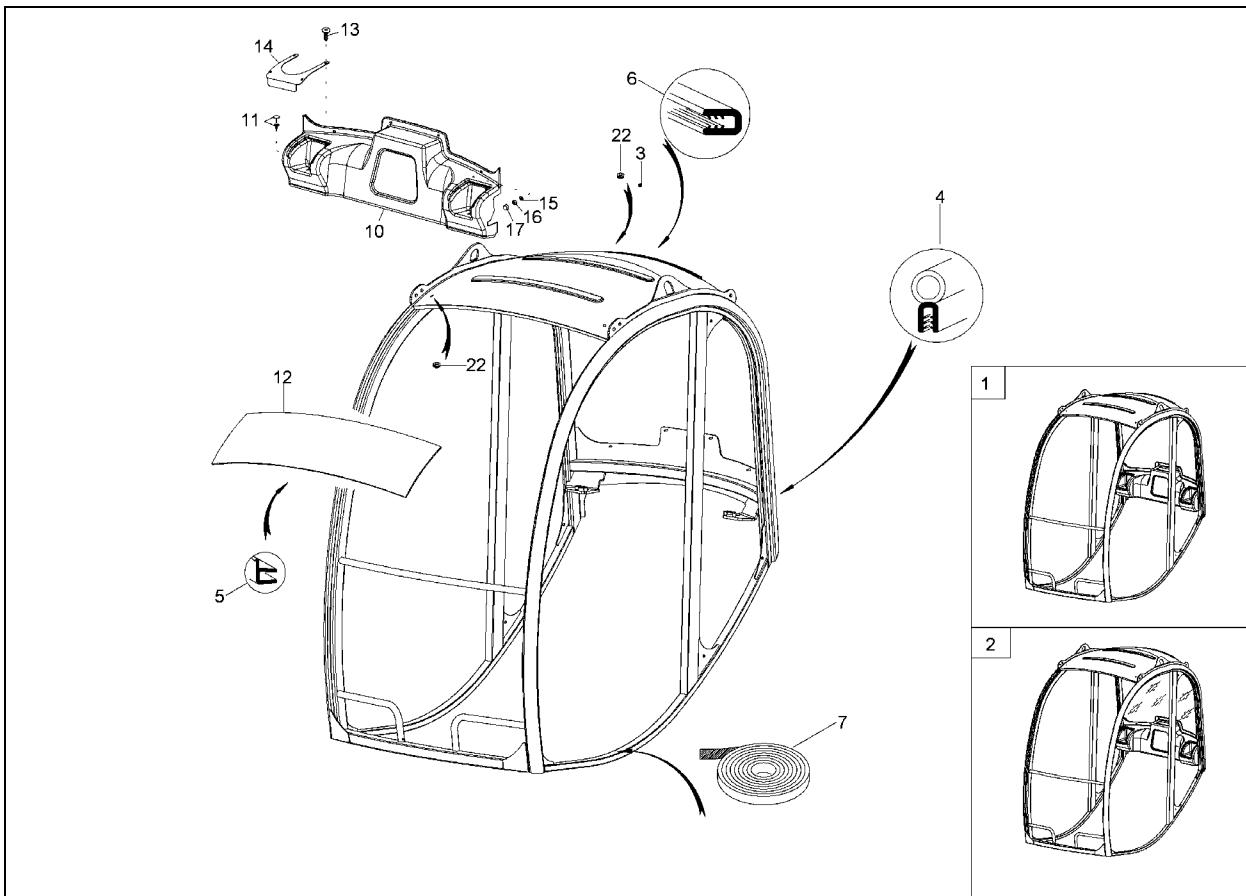
## No. Part No.

## Description

## Qty.

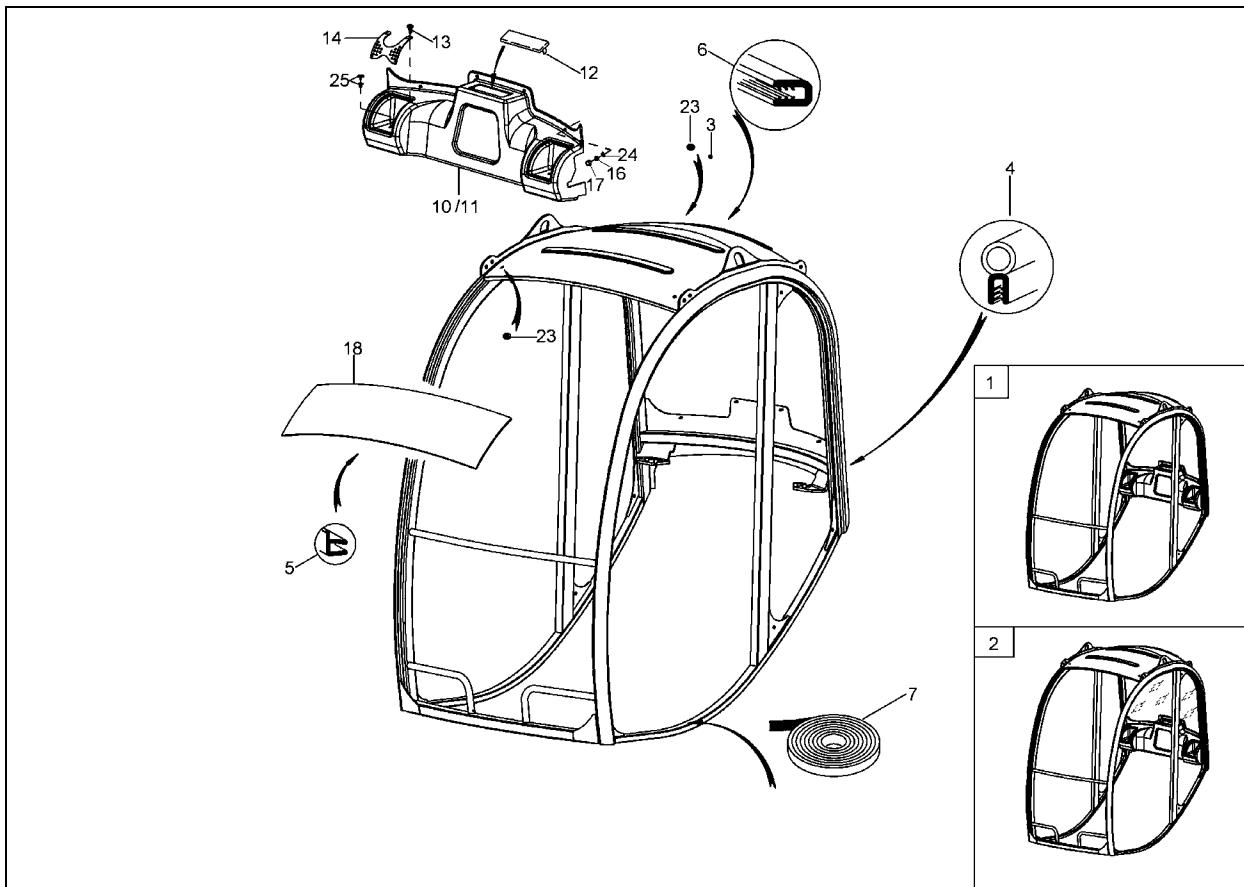
26	206173	SEAL STRAP (0.80M)	1
27	206174	WINDOW SEAL (1.50M)	1
28	1423414G	COLLAR	2
29	162862	SCREW	2
30	162925	WASHER	6
31	1423415G	BRACKET	1
34	656148	FHSCS M12-1.75X40 C10.9 ZY DIN7991	2
35	651521	CS M5-0.8X16 C8.8 ZY DIN931	4
36	1423436G	PLUG	4
37	2003018G	LATCH POST EXTENSION	2
38	9901392G	SCREW	2
39	656048	HN M8-1.25 C8 ZY DIN934	4
40	9902013G	NUT	2
41	1423437G	HANDLE LT	1
42	1423438G	HANDLE	1
43	9901740G	SCREW	6
44	656110	LW M8 ZY DIN127	6
45	161618	NUT/HEX DOMED CAP M8	6
46	1423449G	RUBBER BUFFER	2
47	160639	RUBBER WASHER	2
48	651483	SHCS M12-1.75X35 C10.9 ZY DIN912	2
49	163651	WASHER	4
50	161645	WASHER/GR A 13 DIN7349	4

**153 - CANOPY FRAME**  
**1000131257 (SN AD00454 AND UP)**



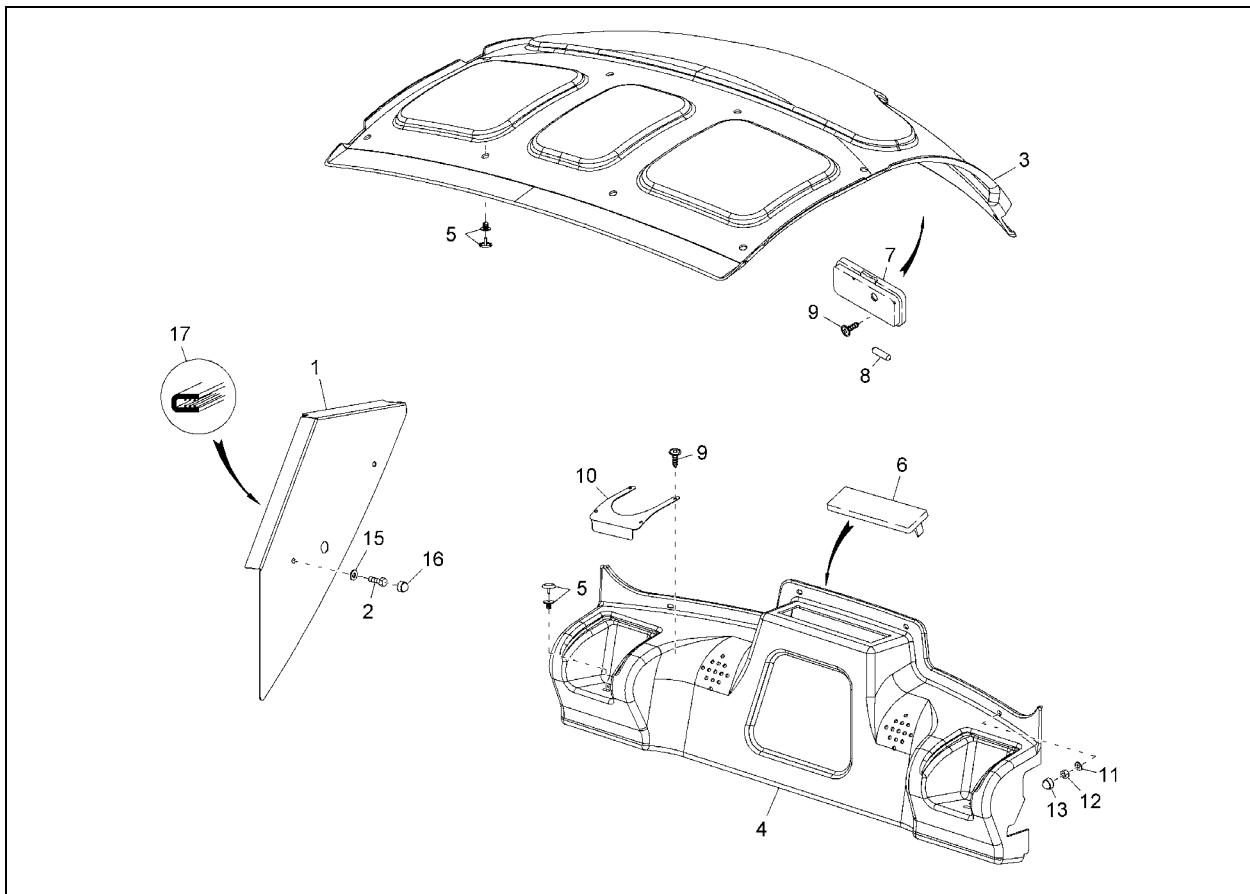
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204043	CANOPY	1	12	1423423G	FRONT WINDOW/TOP	1
2	206177	CANOPY W/REAR GLASS	1	13	162035	SCREW	4
3	164677	PLUG	2	14	1423416G	COVER	2
4	207093	HOSE PROFILE (1.1M)	1	15	162925	WASHER	4
5	1423424G	EDGE PROTECTION	1	16	651456	LN INS M5-0.8 C8 ZY DIN6924	4
6	207133	EDGE PROTECTION (1.0M)	1	17	165214	CAP D=5MM	4
7	206039	ANTI-SLIDE STRIP 25MM (0.60M)	1	22	162797	PLUG	5
10	178701	STORAGE BOX	1				
11	164689	RIVET 11MM	2				

**153 - CANOPY FRAME**  
**1000131712 (SN AD00453 AND BEFORE)**

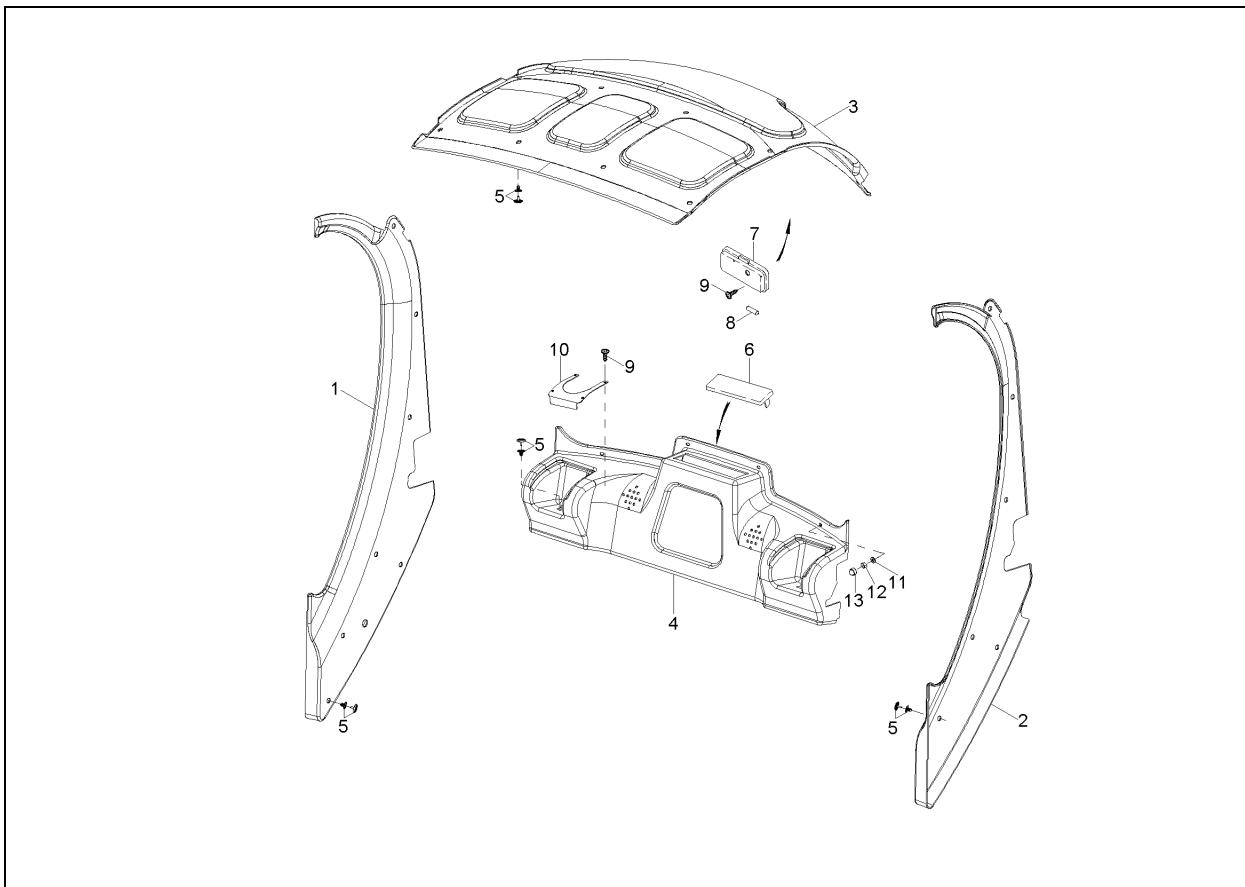


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204043	CANOPY	1	12	165195	COVER (CAB SN LK-89 AND BEFORE)	1
2	206177	CANOPY W/REAR GLASS	1	13	162035	SCREW	4
3	164677	PLUG	2	14	1423416G	COVER	2
4	207093	HOSE PROFILE (1.1M)	1	16	651456	LN INS M5-0.8 C8 ZY DIN6924	4
5	1423424G	EDGE PROTECTION	1	17	165214	CAP D=5MM	4
6	207133	EDGE PROTECTION (1.0M)	1	18	1423423G	FRONT WINDOW/TOP	1
7	206039	ANTI-SLIDE STRIP 25MM (0.60M)	1	23	162797	PLUG	5
10	1423116G	COVER (CAB SN LK-89 AND BEFORE)	1	24	162925	WASHER	4
11	178701	STORAGE BOX (CAB SN LK-90 AND UP)	1	25	164689	RIVET 11MM	2

**153 - COVERS**  
**1000131259 (SN AD00454 AND UP)**



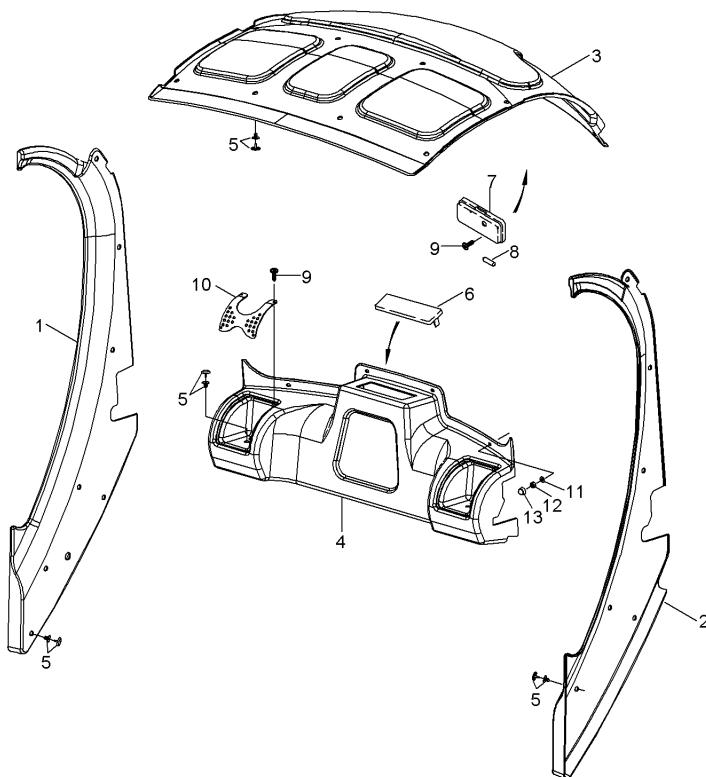
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1 178447	COVER		1	10 1423416G	COVER		2
2 656092	CS M6-1X12 C8.8 ZY DIN931		2	11 162925	WASHER		4
3 1423107G	COVER		1	12 651456	LN INS M5-0.8 C8 ZY DIN6924		4
4 1423116G	COVER		1	13 165214	CAP D=5MM		4
5 164689	RIVET 11MM		14	15 162924	WASHER		2
6 165195	COVER		1	16 162737	COVER		2
7 160488	DOME LIGHT		1	17 207212	EDGE PROTECTION SECTION (1.3M)		1
8 164182	BULB		1				
9 162035	SCREW		10				



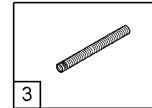
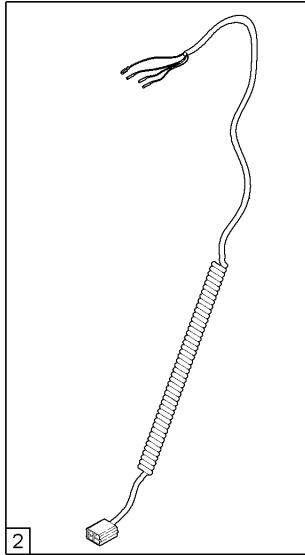
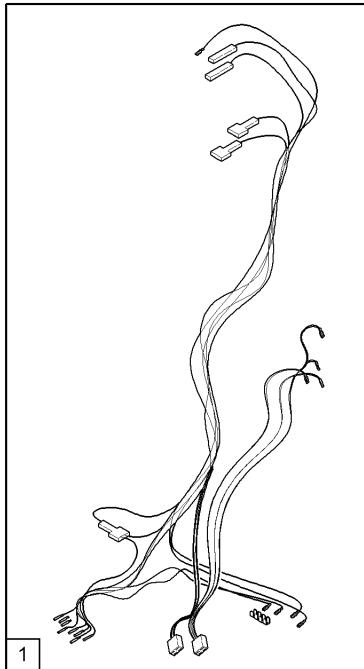
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1423100G	COVER	1	8	164182	BULB	1
2	1423105G	COVER	1	9	162035	SCREW	10
3	1423107G	COVER	1	10	1423416G	COVER	2
4	1423116G	COVER	1	11	162925	WASHER	4
5	164689	RIVET 11MM	28	12	651456	LN INS M5-0.8 C8 ZY DIN6924	4
6	165195	COVER	1	13	165214	CAP D=5MM	4
7	160488	DOME LIGHT	1				

## 153 - COVERS

1000132009 (SN AD00453 AND BEFORE; CAB SN 42288 AND BEFORE)

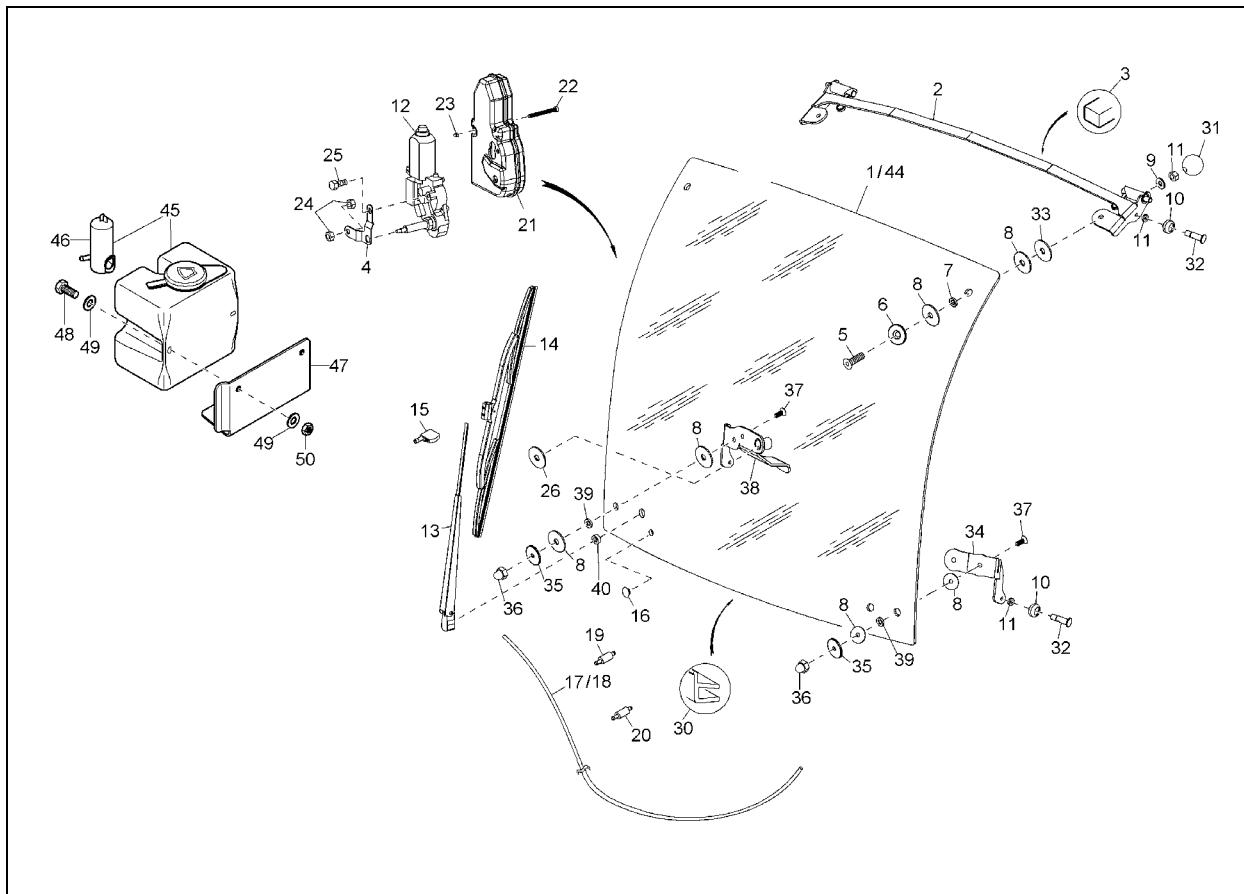


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1423100G	COVER	1	8	164182	BULB	1
2	1423105G	COVER	1	9	162035	SCREW	10
3	1423107G	COVER	1	10	1423416G	COVER	2
4	1423116G	COVER	1	11	162925	WASHER	4
5	164689	RIVET 11MM	28	12	651456	LN INS M5-0.8 C8 ZY DIN6924	4
6	165195	COVER	1	13	165214	CAP D=5MM	4
7	160488	DOME LIGHT	1				



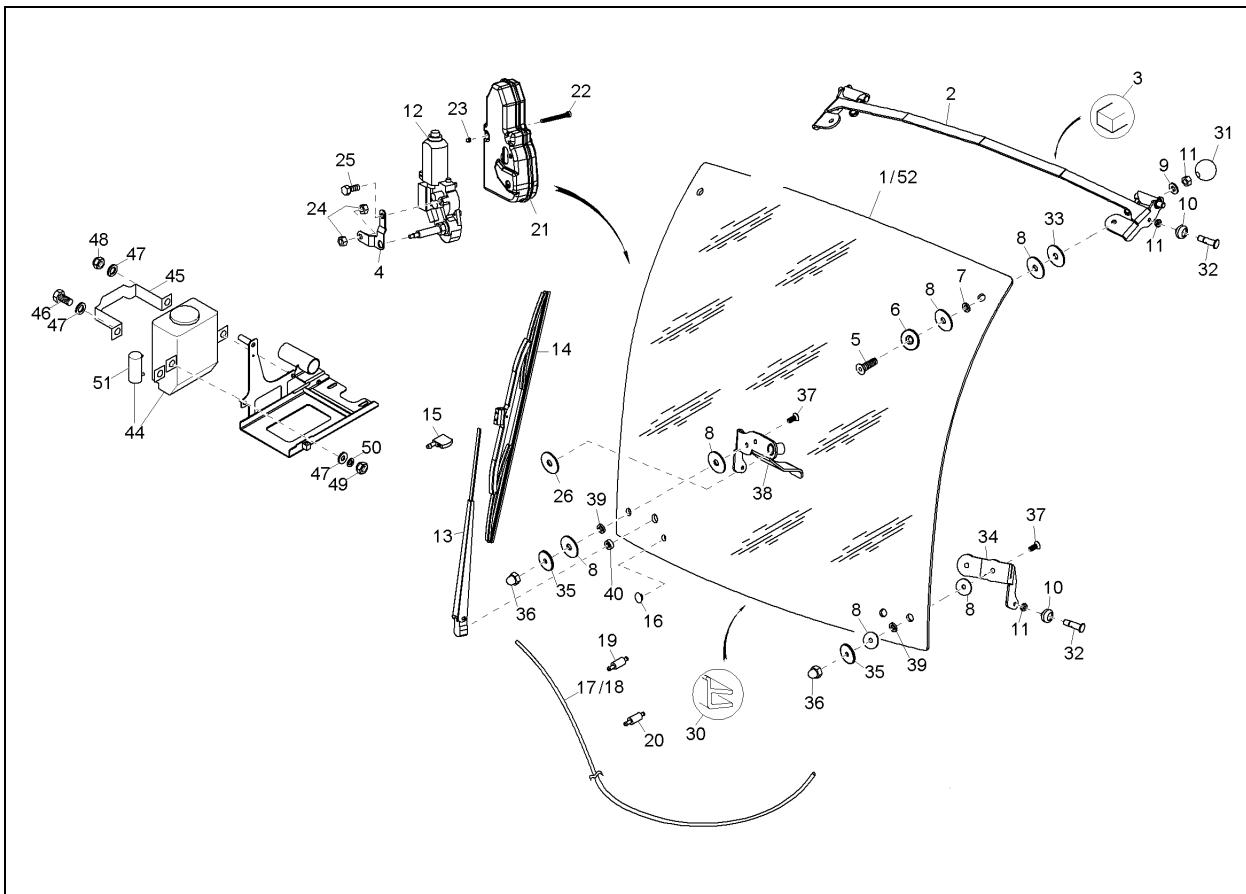
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424410G	MAIN CABIN HARNESS	1	3	207138	TUBING SLIT (0.2M)	1
2	1424411G	WINDSHIELD HARNESS	1				

**153 - FRONT WINDOW**  
**1000148849 (SN AE00001 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424414G	FRONT WINDOW	1	24	656048	HN M8-1.25 C8 ZY DIN934	2
2	1423439G	WINDOW FRAME/UPPER	1	25	651430	CS M8-1.25X12 C8.8 ZY DIN931	1
3	207114	FOAM STRIP (0.85M)	1	26	160639	RUBBER WASHER	1
4	165168	BAR LOCK	1	30	1423419G	PVC-PROFILE	1
5	162042	SCREW	2	31	1424423G	BALL KNOB	2
6	1423440G	WASHER	2	32	177915	CATCH BOLT	4
7	177918	DISTANCE ROLLER	2	33	162812	WASHER	2
8	160639	RUBBER WASHER	9	34	206180	MOUNTING PLATE LT	1
9	161668	WASHER/GR A 8.4 ZO DIN134	2	35	1423443G	WASHER	3
10	177914	PVC-ROLLER	4	36	161618	NUT/HEX DOMED CAP M8	3
11	9901152G	NUT	6	37	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	3
12	165206	WIPER MOTOR	1	38	206181	MOUNTING PLATE RT	1
13	1424418G	WIPER ARM	1	39	177916	DISTANCE ROLLER	3
14	1424419G	WIPER BLADE	1	40	177917	SPACER	1
15	161087	NOZZLE	1	44	178723	WINDSHIELD TINTED	1
16	1424420G	RUBBER BUSHING	1	45	177821	WINDSHIELD WASHER RESERVOIR	1
17	206138	WATER HOSE (1.00M)	1	46	178074	PUMP WASHTANK	1
18	207292	WATER HOSE (2.3M)	1	47	206186	FASTEN PLATE	1
19	164673	NON RETURN VALVE	1	48	7236677079	HEX SCREW M6X16-8.8 A2C	2
20	161847	CONNECTOR	1	49	161660	WASHER GR A6.4 ZO DIN 125	4
21	165159	COVER	1	50	651457	LN INS M6-1 C8 ZY DIN6924	2
22	165048	SCREW	2				
23	165948	NUT	2				

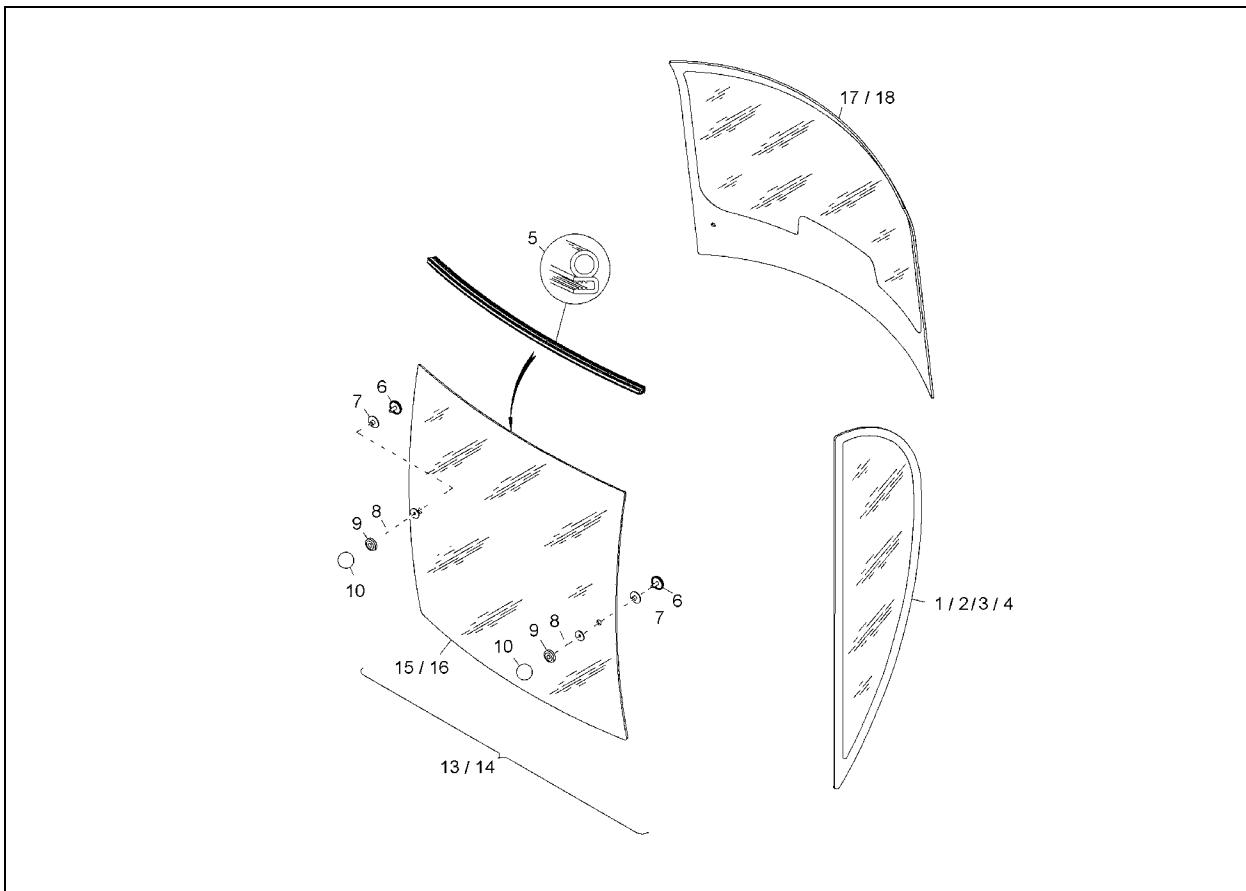
**153 - FRONT WINDOW**  
**1000142852 (SN AD04191 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424414G	FRONT WINDOW	1	24	656048	HN M8-1.25 C8 ZY DIN934	2
2	1423439G	WINDOW FRAME/UPPER	1	25	651430	CS M8-1.25X12 C8.8 ZY DIN931	1
3	207114	FOAM STRIP (0.85M)	1	26	160639	RUBBER WASHER	1
4	165168	BAR LOCK	1	30	1423419G	PVC-PROFILE	1
5	162042	SCREW	2	31	1424423G	BALL KNOB	2
6	1423440G	WASHER	2	32	177915	CATCH BOLT	4
7	177918	DISTANCE ROLLER	2	33	162812	WASHER	2
8	160639	RUBBER WASHER	9	34	206180	MOUNTING PLATE LT	1
9	161668	WASHER/GR A 8.4 ZO DIN134	2	35	1423443G	WASHER	3
10	177914	PVC-ROLLER	4	36	161618	NUT/HEX DOMED CAP M8	3
11	9901152G	NUT	6	37	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	3
12	165206	WIPER MOTOR	1	38	206181	MOUNTING PLATE RT	1
13	1424418G	WIPER ARM	1	39	177916	DISTANCE ROLLER	3
14	1424419G	WIPER BLADE	1	40	177917	SPACER	1
15	161087	NOZZLE	1	44	164690	WINDSHIELD WASHING TANK	1
16	1424420G	RUBBER BUSHING	1	45	164668	CLAMP	1
17	206138	WATER HOSE (1.00M)	1	46	651521	CS M5-0.8X16 C8.8 ZY DIN931	1
18	207292	WATER HOSE (2.3M)	1	47	161659	WASHER/GR A 5.3 ZO DIN125	3
19	164673	NON RETURN VALVE	1	48	651456	LN INS M5-0.8 C8 ZY DIN6924	1
20	161847	CONNECTOR	1	49	656100	HN M5-0.8 C8 ZY DIN934	1
21	165159	COVER	1	50	161674	LOCKWASHER S16	1
22	165048	SCREW	2	51	178891	PUMP	1
23	165948	NUT	2	52	178723	WINDSHIELD TINTED	1

# 153 - CABIN WINDOWS

1000131263



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1	1424424G	SIDE PANE LT	1
2	178726	SIDE PANE LT TINTED	1
3	1424425G	SIDE PANE RT	1
4	178727	SIDE PANE RT TINTED	1
5	206913	HOSE PROFILE (1.00M)	1
6	164671	PVC-WASHER	2
7	160640	RUBBER WASHER	2
8	160639	RUBBER WASHER	2
9	160641	PVC-WASHER	2

**Ref.**

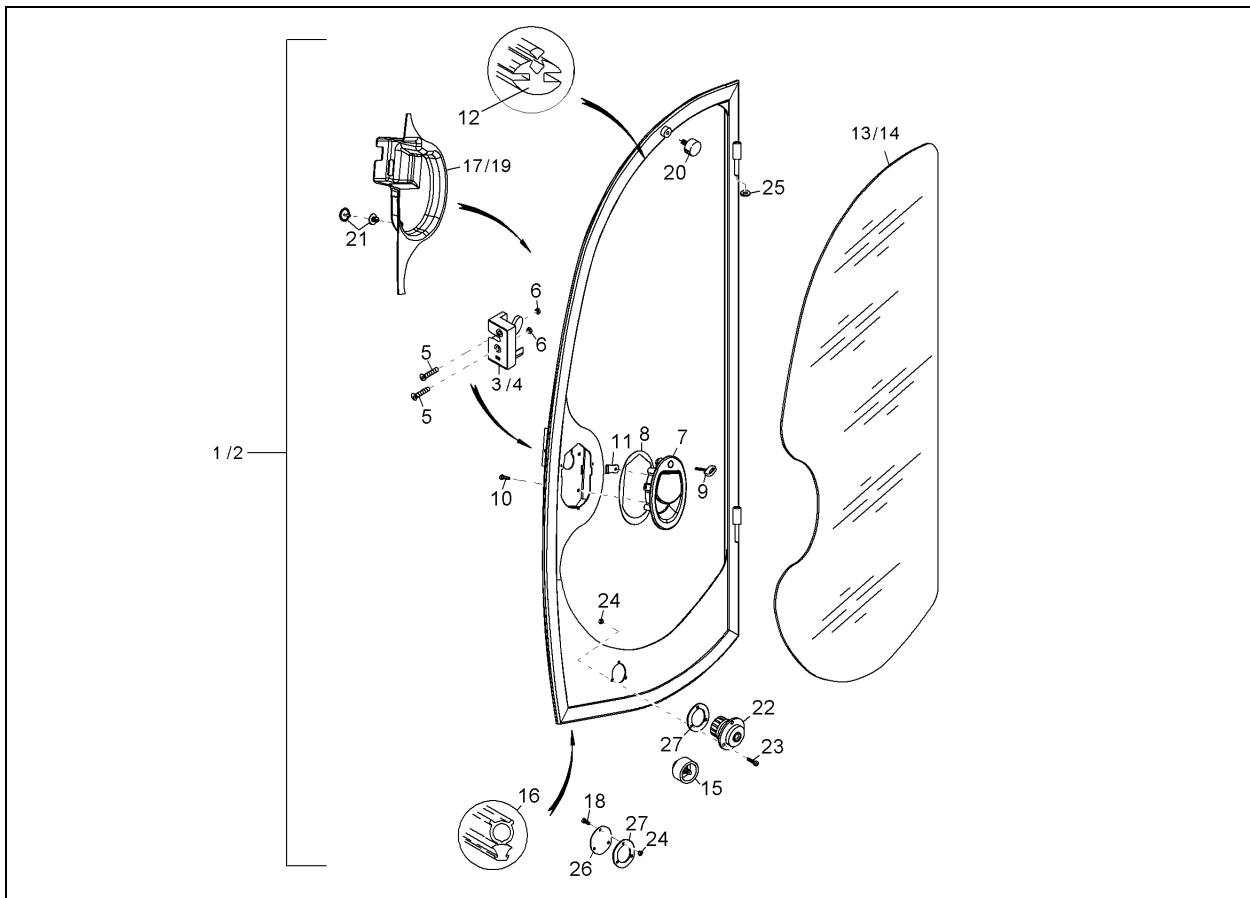
**No. Part No.**

**Description**

**Qty.**

10	1424423G	BALL KNOB	2
13	178717	LOWER WINDSCREEN COMPLETE	1
14	206178	LOWER WINDSHIELD TINTED - COMPLETE	1
15	1424427G	FRONT WINDOW/LOWER	1
16	178724	FRONT WINDOW/LOWER TINTED	1
17	1424426G	REAR WINDOW	1
18	178725	REAR WINDOW TINTED	1

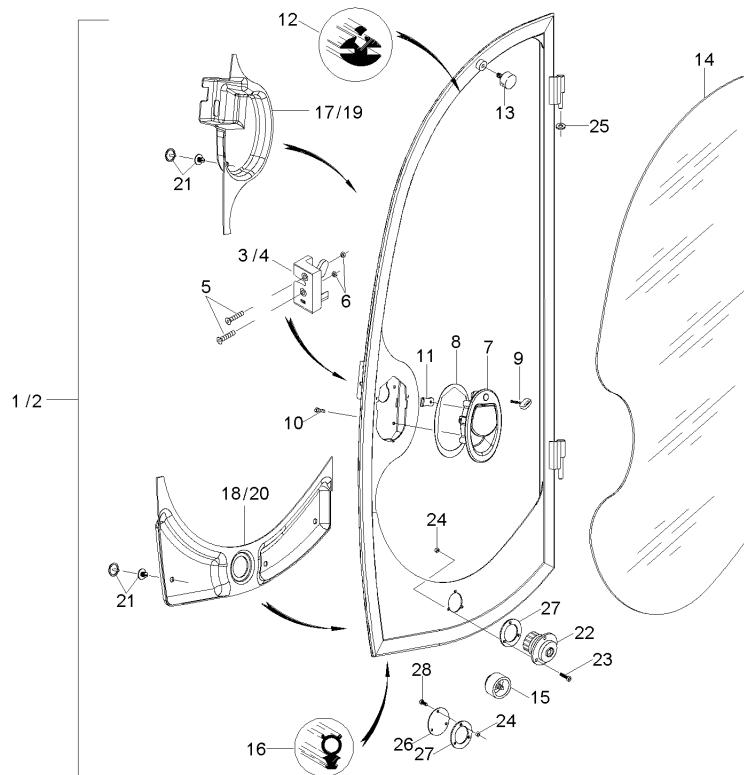
**153 - CABIN DOORS**  
**1000131265 (SN AD00454 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178449	CAB DOOR COMPLETE LT	1	15	1424446G	DOOR FASTENER	1
2	178451	CAB DOOR COMPLETE RT	1	16	206185	SEAL PROFILE (7.60M)	1
3	160525	LATCH	1	17	1423108G	COVER	1
4	160490	LOCK RT W/O KEYS	1	18	9901673G	SCREW	3
5	162864	SCREW	4	19	1423109G	COVER	1
6	651458	LN INS M8-1.25 C8 ZY DIN6924	4	20	1423449G	RUBBER BUFFER	1
7	1424431G	HANDLE	2	21	164689	RIVET 11MM	8
8	1424432G	SHIM	2	22	1424447G	DOOR LATCH	1
9	101792	KEY	2	23	9901666G	SCREW	3
10	656092	CS M6-1X12 C8.8 ZY DIN931	8	24	651456	LN INS M5-0.8 C8 ZY DIN6924	6
11	1424433G	KEY BUTTON	2	25	164688	WASHER	2
12	206184	RUBBER PROFILE (6.60M)	1	26	1423446G	COVER PLATE	1
13	1424434G	DOOR WINDOW	2	27	1423447G	RUBBER WASHER	1
14	178728	DOOR WINDOW TINTED	2				

# 153 - CABIN DOORS

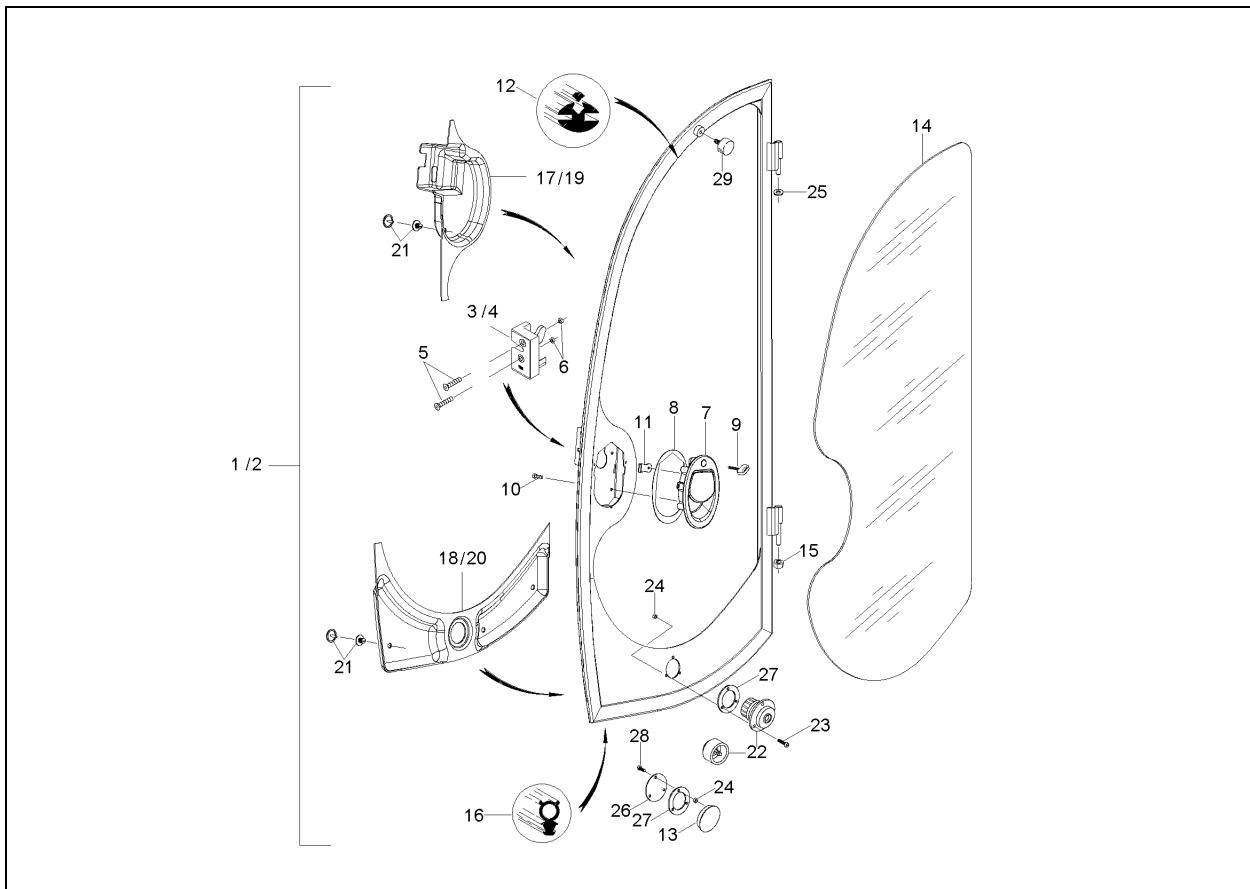
1000132032 (SN AD00453 AND BEFORE; CAB SN 42289 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424448G	CAB DOOR COMPLETE LT	1	15	1424446G	DOOR FASTENER	1
2	1424449G	CAB DOOR COMPLETE RT	1	16	206185	SEAL PROFILE (7.60M)	1
3	160525	LATCH	1	17	1423108G	COVER	1
4	160490	LOCK RT W/O KEYS	1	18	1423114G	COVER	1
5	162864	SCREW	4	19	1423109G	COVER	1
6	651458	LN INS M8-1.25 C8 ZY DIN6924	4	20	1423113G	COVER	1
7	1424431G	HANDLE	2	21	164689	RIVET 11MM	8
8	1424432G	SHIM	2	22	1424447G	DOOR LATCH	1
9	101792	KEY	2	23	9901666G	SCREW	3
10	656092	CS M6-1X12 C8.8 ZY DIN931	8	24	651456	LN INS M5-0.8 C8 ZY DIN6924	6
11	1424433G	KEY BUTTON	2	25	164688	WASHER	2
12	206184	RUBBER PROFILE (6.60M)	1	26	1423446G	COVER PLATE	1
13	1423449G	RUBBER BUFFER	1	27	1423447G	RUBBER WASHER	1
14	1424434G	DOOR WINDOW	2	28	9901673G	SCREW	3
14	178728	DOOR WINDOW TINTED	2				

# 153 - CABIN DOORS

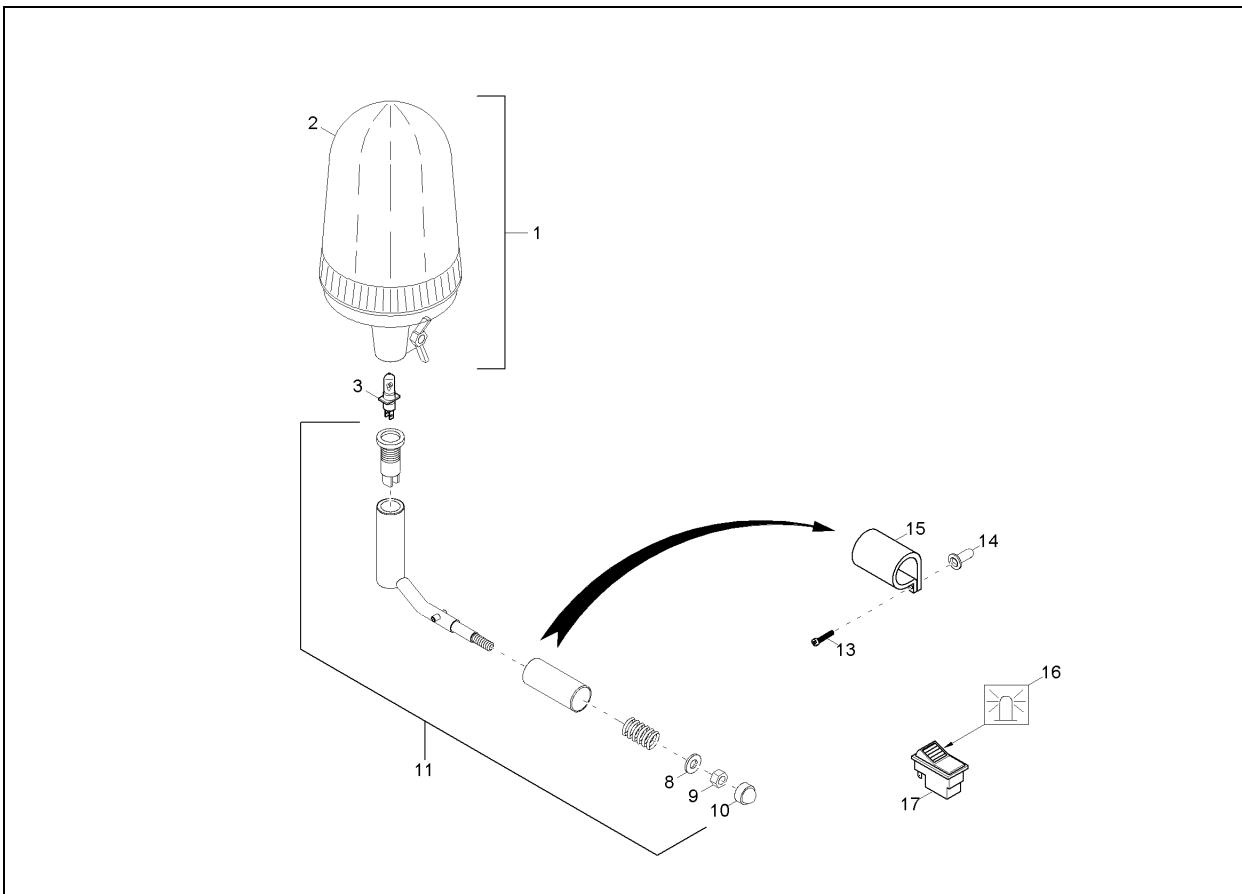
1000131715 (SN AD00453 AND BEFORE; CAB SN 42288 AND BEFORE)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1424435G	CABIN DOOR LT COMPLETE		1	15	651448	LN INS M10-1.5 C8 ZY DIN6924		2
2	1424436G	CABIN DOOR RT COMPLETE		1	16	206185	SEAL PROFILE (7.60M)		1
3	160525	LATCH		1	17	1423108G	COVER		1
4	160490	LOCK RT W/O KEYS		1	18	1423106G	COVER		1
5	162864	SCREW		4	19	1423109G	COVER		1
6	651458	LN INS M8-1.25 C8 ZY DIN6924		4	20	1423102G	COVER		1
7	1424431G	HANDLE		2	21	164689	RIVET 11MM		8
8	1424432G	SHIM		2	22	164674	DOOR LATCH		1
9	101792	KEY		2	23	9901666G	SCREW		3
10	656092	CS M6-1X12 C8.8 ZY DIN931		8	24	651456	LN INS M5-0.8 C8 ZY DIN6924		6
11	1424433G	KEY BUTTON		2	25	164688	WASHER		2
12	206184	RUBBER PROFILE (6.60M)		1	26	1423446G	COVER PLATE		1
13	1423448G	PLUG		1	27	1423447G	RUBBER WASHER		1
14	178728	DOOR WINDOW TINTED		2	28	9901673G	SCREW		3
14	1424434G	DOOR WINDOW		2	29	1423449G	RUBBER BUFFER		2

# 153 - ROTATING BEACON (OPTION)

1000144744



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1 165199	LAMP COMPLETE	1
2 165207	LENS	1
3 179740	HALOGEN LAMP	1
8 161668	WASHER/GR A 8.4 ZO DIN134	1
9 651458	LN INS M8-1.25 C8 ZY DIN6924	1
10 165052	COVER	1

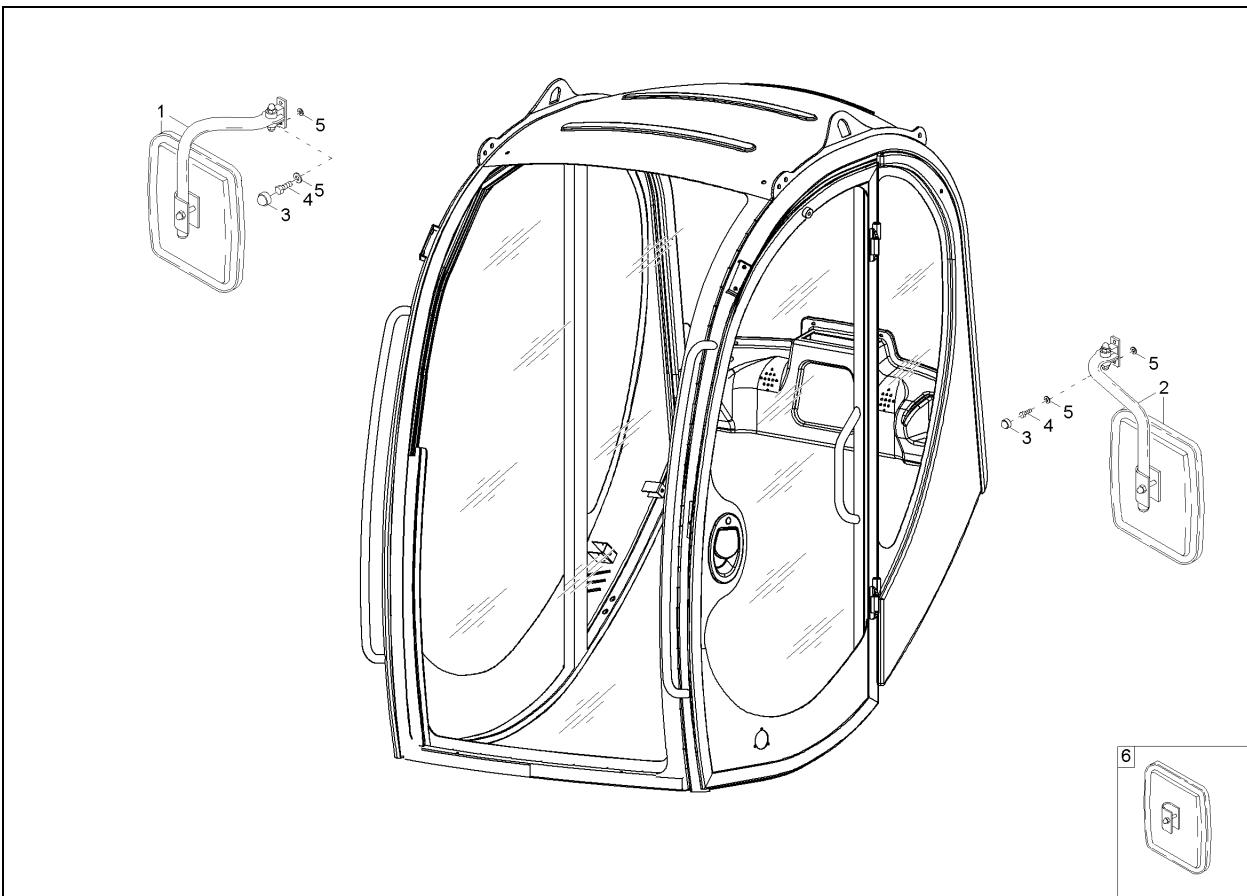
**Ref.**

**No. Part No.**

**Description**

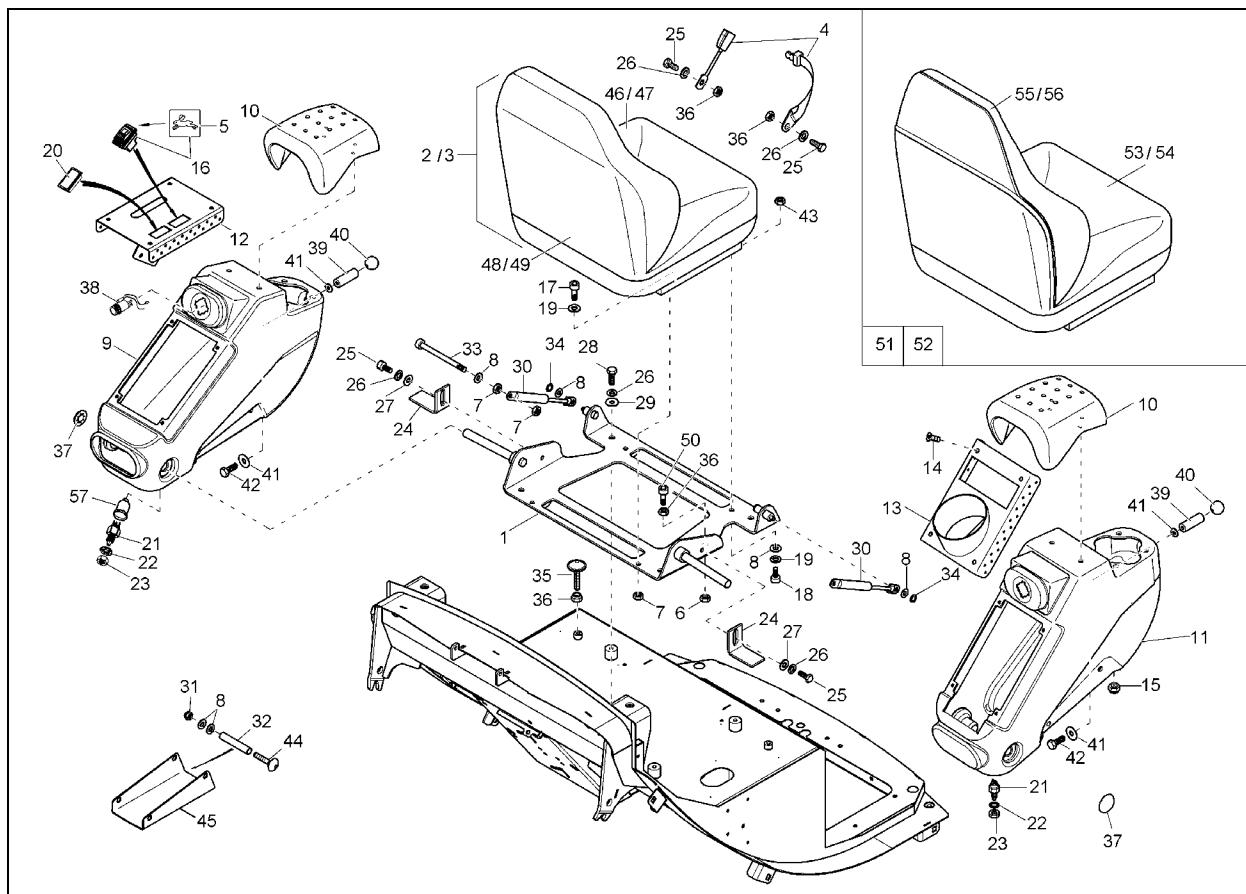
**Qty.**

11 165208	LAMP ATTACHMENT	1
13 165941	SCREW	2
14 204733	BLIND RIVET NUT	2
15 165200	BRACKET	1
16 177666	SYMBOL/TURNING LIGHT	1
17 164883	ROCKER SWITCH	1



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 162607	MIRROR LT	1	4 656149	CS M6-1X16 C8.8 ZY DIN931	4
2 163213	MIRROR RT	1	5 162924	WASHER	8
3 162737	COVER	4	6 178890	MIRROR	2

**153 - OPERATOR'S SEAT**  
**1000148850 (SN AE00001 AND UP)**



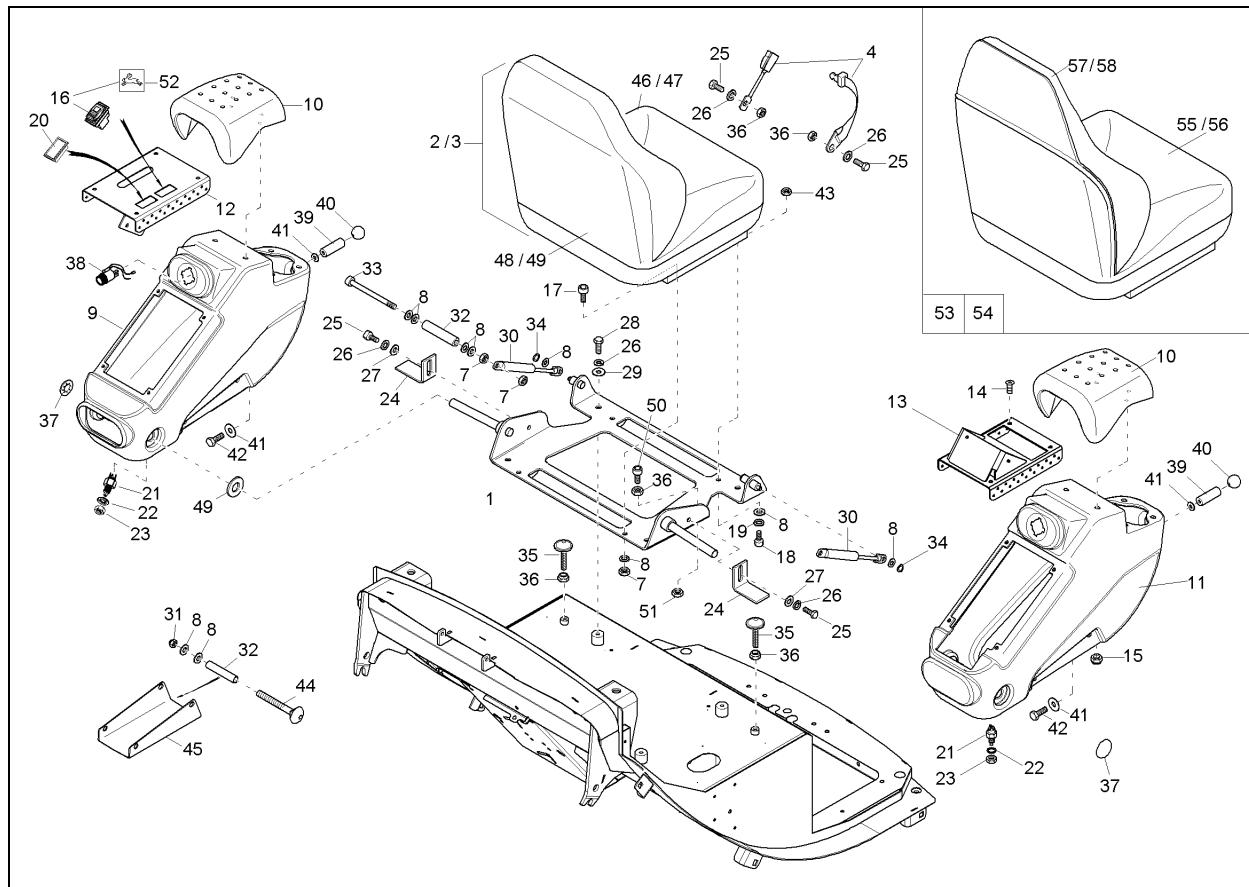
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204008	SEAT BRACKET	1	23	164981	NUT	2
2	206189	OPERATOR'S SEAT (CLOTH)	1	24	1423003G	BRACKET	2
3	206190	OPERATOR'S SEAT (VINYL)	1	25	656090	CS M10-1.5X16 C8.8 ZY DIN931	4
4	207060	SEAL BELT/2" RETRACTABLE	1	26	161669	LOCKWASHER S10	8
	809306	3" SEAT BELT KIT	1	27	161663	WASHER/GR A 10.5 ZO	2
5	164710	HIGH SPEED SYMBOL	1	28	651393	CS M10-1.5X25 C8.8 ZY	4
6	651448	LN INS M10-1.5 C8 ZY DIN6924	1	29	161640	WASHER/GR A 10.5	4
7	651458	LN INS M8-1.25 C8 ZY DIN6924	6	30	160611	SPRING	2
8	163634	WASHER	10	31	161618	NUT/HEX DOMED CAP M8	2
9	178703	CONSOLE-CONTROL LEVERS LT	1	32	178876	TUBE	2
10	178873	ARMREST	2	33	179782	SCREW	2
11	206192	CONSOLE-CONTROL LEVERS RT	1	34	161848	LOCKWASHER	2
12	178438	CONSOLE FOR DASHBOARD LT	1	35	1429414G	ELEVATION ADJUSTMENT	2
13	207061	CONSOLE/INSTRUMENTS	1	36	656102	HN M10-1.25 F8 ZY DIN934	5
14	161634	SCREW/C'SUNK HD M5X16	8	37	161730	PLUG	2
15	165952	NUT	8	38	164696	CIGARETTE LIGHTER	1
16	178909	SWITCH FAST SPEED	1	39	161868	TUBE	2
17	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	2	40	161631	KNOB D40MM	2
18	651514	SHCS M8-1.25X16 C8.8 ZY DIN912	2	41	161651	WASHER 20	4
19	163670	LOCKWASHER	4	42	651390	HB M10-1.5X120 C8.8 ZY	2
20	0003320872	BLANK	1	43	656048	HN M8-1.25 C8 ZY DIN934	2
21	164980	MICROSWITCH	2	44	206193	FLAT HEAD SCREW	2
22	164982	WASHER	2	45	178875	SHEET METAL	2

**153 - OPERATOR'S SEAT  
1000148850 (SN AE00001 AND UP)**

<b>Ref.</b>			<b>Ref.</b>		
<b>No.</b>	<b>Part No.</b>	<b>Description</b>	<b>No.</b>	<b>Part No.</b>	<b>Description</b>
					<b>Qty.</b>
46	206194	SEAT UPHOLSTERY (CLOTH)	54	203988	SEAT UPHOLSTERY (VINYL)
47	207375	SEAT UPHOLSTERY (VINYL)	55	165210	BACK CUSHION (CLOTH)
48	206195	BACK CUSHION (CLOTH)	56	203989	BACK CUSHION (VINYL)
49	207376	BACK CUSHION (VINYL)	57	204037	RUBBER SLEEVE
50	163344	SCREW			1
51	165160	OPERATOR'S SEAT (CLOTH) (OPTION)			1
52	203987	OPERATOR'S SEAT (VINYL) (OPTION)			1
53	165209	SEAT UPHOLSTERY (CLOTH)			1

# 153 - OPERATOR'S SEAT

## 1000148919 (SN AD04010 - AD04191)

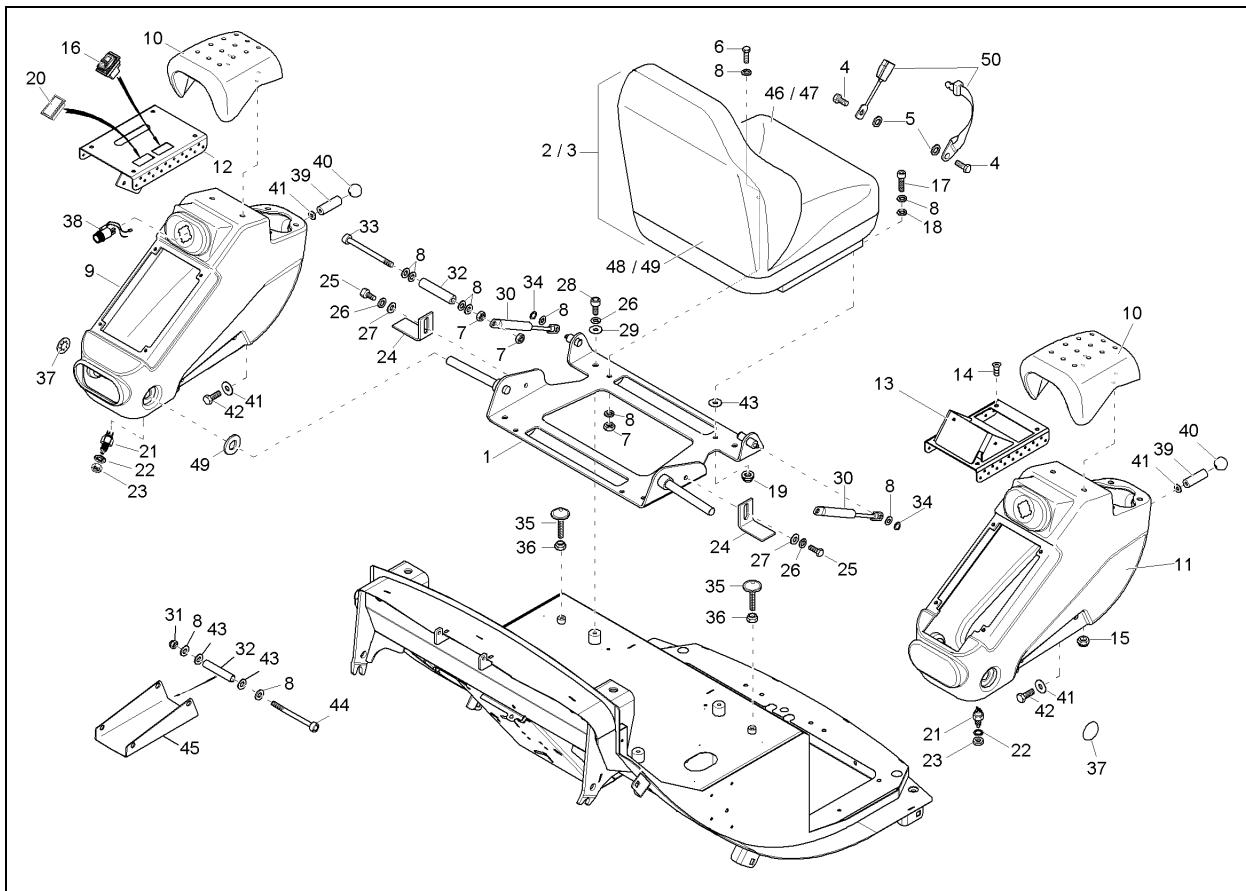


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206188	SEAT BRACKET	1	24	1423003G	BRACKET	2
2	206189	OPERATOR'S SEAT (CLOTH)	1	25	656090	CS M10-1.5X16 C8.8 ZY DIN931	2
3	206190	OPERATOR'S SEAT (VINYL)	1	26	161669	LOCKWASHER S10	8
4	207060	SEAL BELT/2" RETRACTABLE	1	27	161663	WASHER/GR A 10.5 ZO	2
	809306	3" SEAT BELT KIT	1	28	651393	CS M10-1.5X25 C8.8 ZY	4
5	161642	WASHER/GR A 13	2	29	161640	WASHER/GR A 10.5	4
6	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	30	160611	SPRING	2
7	651458	LN INS M8-1.25 C8 ZY DIN6924	6	31	161618	NUT/HEX DOMED CAP M8	2
8	163634	WASHER	12	32	178876	TUBE	4
9	178703	CONSOLE-CONTROL LEVERS LT	1	33	179782	SCREW	2
10	178873	ARMREST	2	34	161848	LOCKWASHER	2
11	178704	CONSOLE-CONTROL LEVERS RT	1	35	1429414G	ELEVATION ADJUSTMENT	2
12	178438	CONSOLE FOR DASHBOARD LT	1	36	656102	HN M10-1.25 F8 ZY DIN934	5
13	178700	CONSOLE FOR DASHBOARD RT	1	37	161730	PLUG	2
14	161634	SCREW/C'SUNK HD M5X16	8	38	164696	CIGARETTE LIGHTER	1
15	165952	NUT	8	39	161868	TUBE	2
16	178909	SWITCH FAST SPEED	1	40	161631	KNOB D40MM	2
17	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	2	41	161651	WASHER 20	4
18	651514	SHCS M8-1.25X16 C8.8 ZY DIN912	2	42	651390	HB M10-1.5X120 C8.8 ZY	2
19	163670	LOCKWASHER	2	43	656048	HN M8-1.25 C8 ZY DIN934	2
20	0003320872	BLANK	1	44	206193	FLAT HEAD SCREW	2
21	164980	MICROSWITCH	2	45	178875	SHEET METAL	2
22	164982	WASHER	2	46	206194	SEAT UPHOLSTERY (CLOTH)	1
23	164981	NUT	2	47	207375	SEAT UPHOLSTERY (VINYL)	1

**153 - OPERATOR'S SEAT**  
**1000148919 (SN AD04010 - AD04191)**

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
48	206195	BACK CUSHION (CLOTH)	1	54	203987	OPERATOR'S SEAT (VINYL) (OPTION)	1
49	207376	BACK CUSHION (VINYL)	1	55	165209	SEAT UPHOLSTERY (CLOTH)	1
50	163344	SCREW	1	56	203988	SEAT UPHOLSTERY (VINYL)	1
51	651448	LN INS M10-1.5 C8 ZY DIN6924	1	57	165210	BACK CUSHION (CLOTH)	1
52	164710	HIGH SPEED SYMBOL	1	58	203989	BACK CUSHION (VINYL)	1
53	165160	OPERATOR'S SEAT (CLOTH) (OPTION)	1				

**153 - OPERATOR'S SEAT**  
**1000131268 (SNAD00454 - AD04009)**



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	1423021G	SEAT BRACKET	1	24	1423003G	BRACKET	2
2	1423401G	OPERATOR'S SEAT (CLOTH)	1	25	656090	CS M10-1.5X16 C8.8 ZY DIN931	2
3	178439	OPERATOR'S SEAT (VINYL)	1	26	161669	LOCKWASHER S10	6
4	7236677187	HEX SCREW M12X25-8.8	2	27	161663	WASHER/GR A 10.5 ZO	2
5	161642	WASHER/GR A 13	2	28	651393	CS M10-1.5X25 C8.8 ZY	4
6	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	29	161640	WASHER/GR A 10.5	4
7	651458	LN INS M8-1.25 C8 ZY DIN6924	7	30	160611	SPRING	2
8	163634	WASHER	21	31	161618	NUT/HEX DOMED CAP M8	2
9	178703	CONSOLE-CONTROL LEVERS LT	1	32	178876	TUBE	4
10	178873	ARMREST	2	33	179782	SCREW	2
11	178704	CONSOLE-CONTROL LEVERS RT	1	34	161848	LOCKWASHER	2
12	178438	CONSOLE FOR DASHBOARD LT	1	35	1429414G	ELEVATION ADJUSTMENT	2
13	178700	CONSOLE FOR DASHBOARD RT	1	36	656102	HN M10-1.25 F8 ZY DIN934	2
14	161634	SCREW/C'SUNK HD M5X16	8	37	161730	PLUG	2
15	165952	NUT	8	38	164696	CIGARETTE LIGHTER	1
16	178909	SWITCH FAST SPEED	1	39	161868	TUBE	2
17	651516	SHCS M8-1.25X25 C8.8 ZY DIN912 (SN AD00814 AND UP)	1	40	161631	KNOB D40MM	2
18	163670	LOCKWASHER	1	41	161651	WASHER 20	4
19	165952	NUT	1	42	651390	HB M10-1.5X120 C8.8 ZY	2
20	0003320872	BLANK	1	43	7462680011	WASHER 8.4 ST A2C	5
21	164980	MICROSWITCH	2	44	651519	SHCS M8-1.25X90 C8.8 ZY DIN912	2
22	164982	WASHER	2	45	178875	SHEET METAL	2
23	164981	NUT	2	46	178442	SEAT UPHOLSTERY (CLOTH)	1

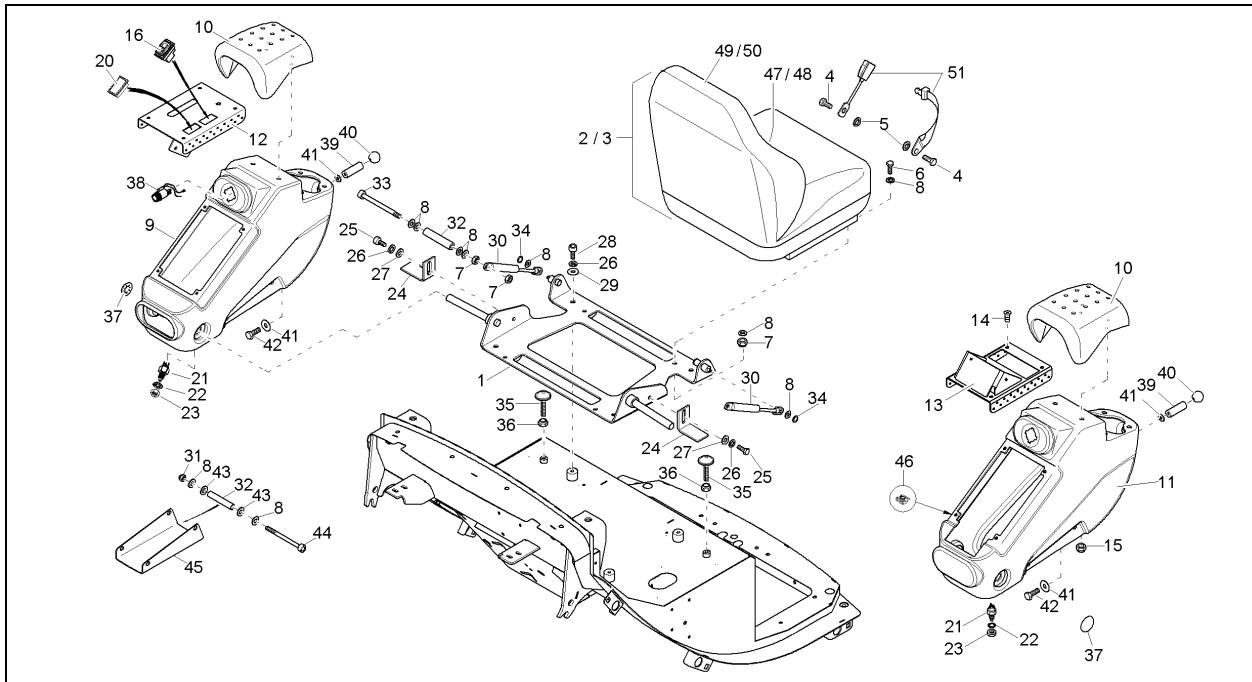
**153 - OPERATOR'S SEAT**  
**1000131268 (SNAD00454 - AD04009)**

**Ref.**

<b>No.</b>	<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
47	178440	SEAT UPHOLSTERY (VINYL)	1
48	178443	BACK CUSHION (CLOTH)	1
49	178441	BACK CUSHION (VINYL)	1
50	207060	SEAL BELT/2" RETRACTABLE	1
	809306	3" SEAT BELT KIT	1

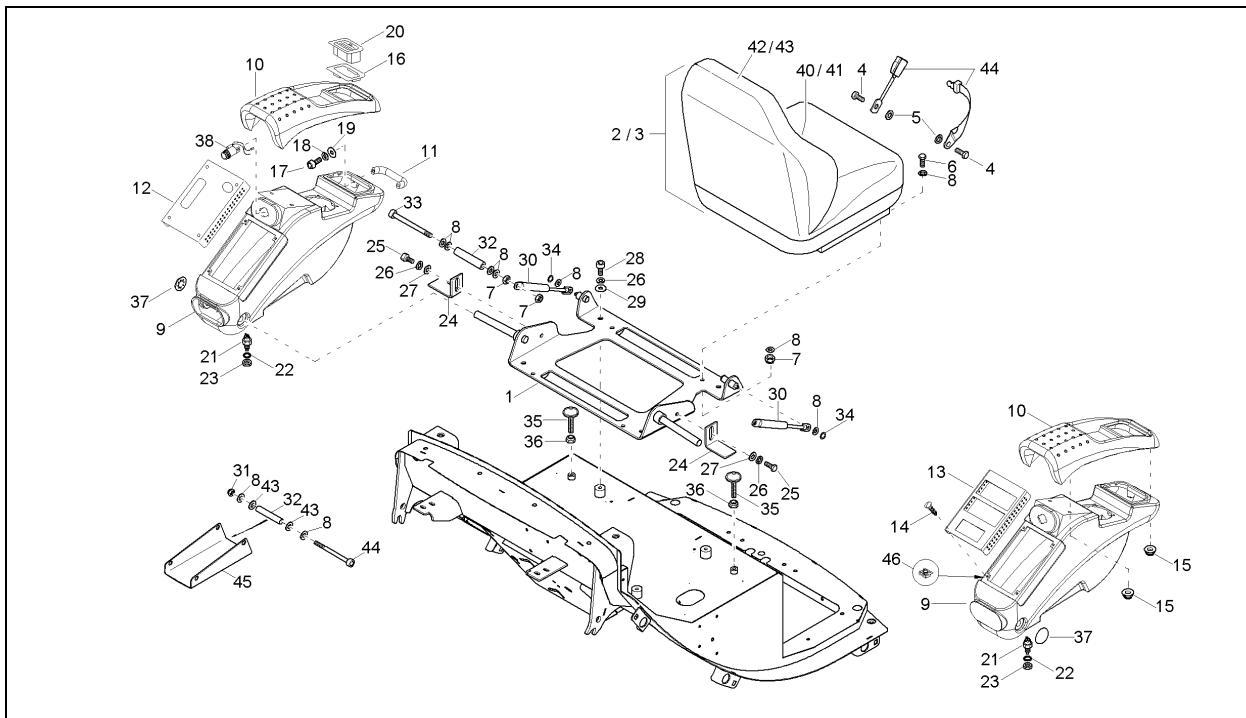
## **153 - OPERATOR'S SEAT**

**1000131731 (SN AC01876 - AD00453)**



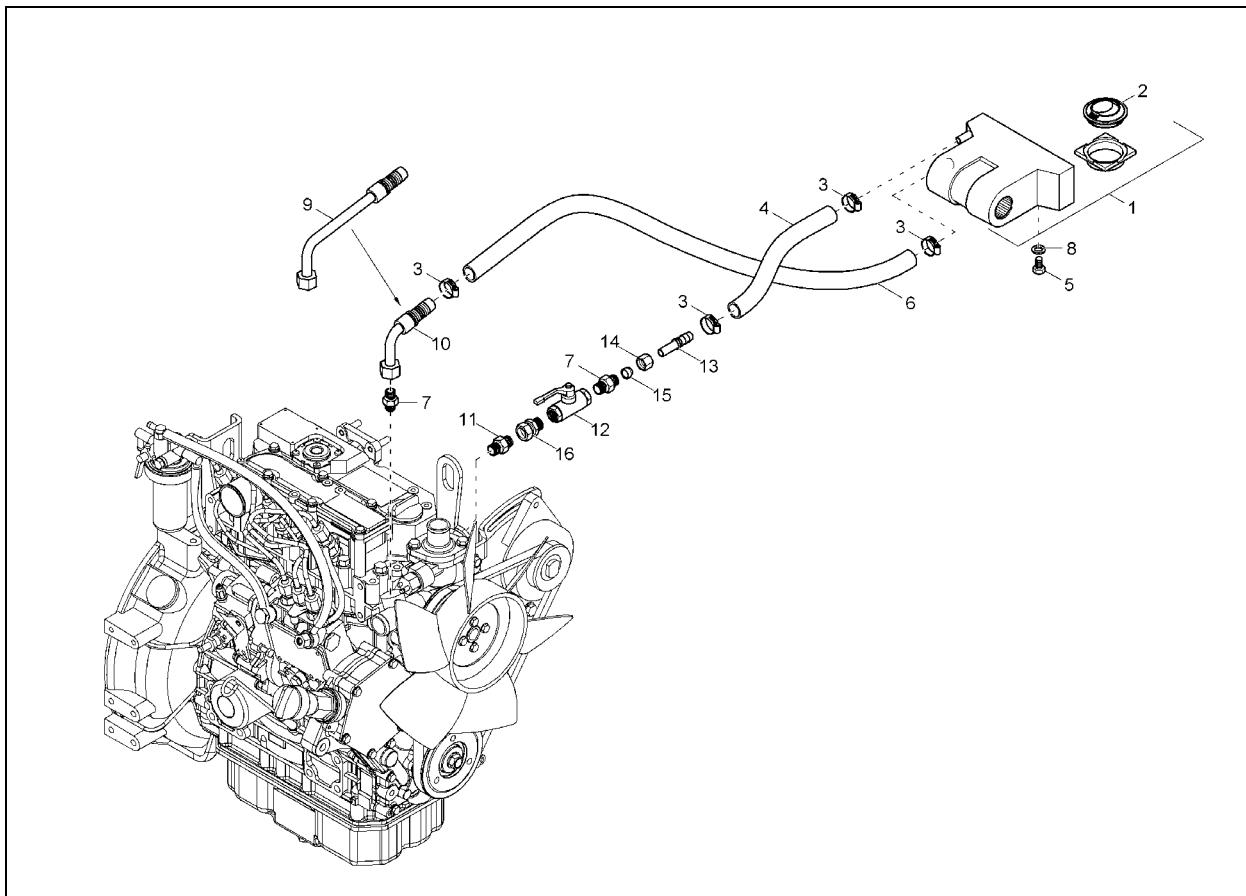
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	1423021G	SEAT BRACKET		1	30	160611	SPRING		2
2	1423401G	OPERATOR'S SEAT (CLOTH)		1	31	161618	NUT/HEX DOMED CAP M8		2
3	178439	OPERATOR'S SEAT (VINYL)		1	32	178876	TUBE		4
4	7236677187	HEX SCREW M12X25-8.8		2	33	179782	SCREW		2
5	161642	WASHER/GR A 13		2	34	161848	LOCKWASHER		2
6	656105	CS M8-1.25X25 C8.8 ZY DIN931		4	35	1429414G	ELEVATION ADJUSTMENT		2
7	651458	LN INS M8-1.25 C8 ZY DIN6924		8	36	656102	HN M10-1.25 F8 ZY DIN934		2
8	163634	WASHER		22	37	161730	PLUG		2
9	178703	CONSOLE-CONTROL LEVERS LT		1	38	164696	CIGARETTE LIGHTER		1
10	178873	ARMREST		2	39	161868	TUBE		2
11	178704	CONSOLE-CONTROL LEVERS RT		1	40	161631	KNOB D40MM		2
12	178438	CONSOLE FOR DASHBOARD LT		1	41	161651	WASHER 20		4
13	178700	CONSOLE FOR DASHBOARD RT		1	42	651390	HB M10-1.5X120 C8.8 ZY		2
14	161634	SCREW/C'SUNK HD M5X16		8	43	7462680011	WASHER 8.4 ST A2C		4
15	165952	NUT		8	44	651519	SHCS M8-1.25X90 C8.8 ZY DIN912		2
16	178909	SWITCH FAST SPEED		1	45	178875	SHEET METAL		2
17	651424	CS M6-1X20 C8.8 ZY DIN931		4	46	162048	CLIP-ON NUT		8
18	161675	LOCKWASHER S6		4	47	178442	SEAT UPHOLSTERY (CLOTH)		1
19	7462680008	WASHER		4	48	178440	SEAT UPHOLSTERY (VINYL)		1
20	0003320872	BLANK		1	49	178443	BACK CUSHION (CLOTH)		1
21	164980	MICROSWITCH		2	50	178441	BACK CUSHION (VINYL)		1
22	164982	WASHER		2	51	207060	SEAL BELT/2" RETRACTABLE		1
23	164981	NUT		2		809306	3" SEAT BELT KIT		1
24	1423003G	BRACKET		2					
25	656090	CS M10-1.5X16 C8.8 ZY DIN931		2					
26	161669	LOCKWASHER S10		6					
27	161663	WASHER/GR A 10.5 ZO		2					
28	651393	CS M10-1.5X25 C8.8 ZY		4					
29	161640	WASHER/GR A 10.5		4					

**153 - OPERATOR'S SEAT**  
**1000131720 (SN AC01875 AND BEFORE)**



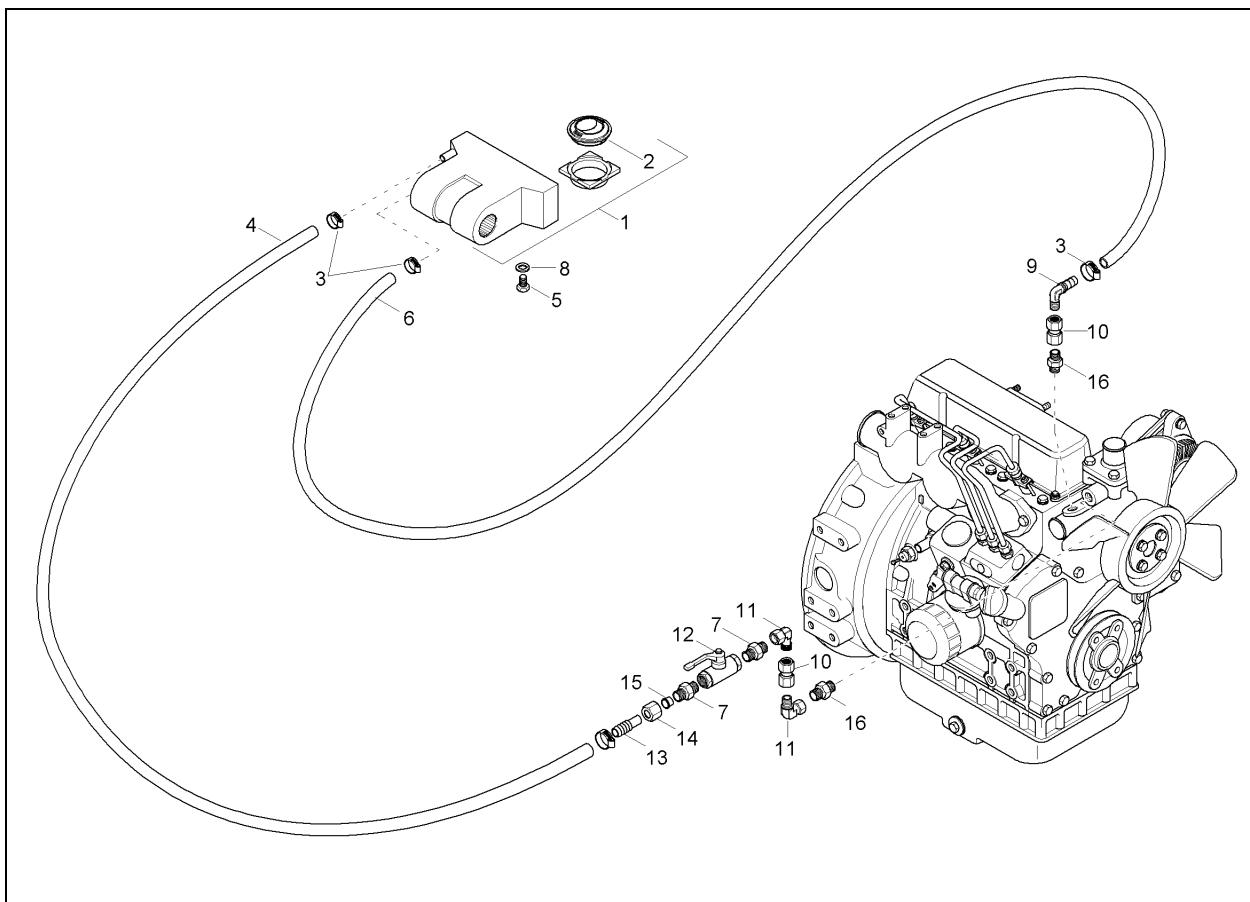
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1423021G	SEAT BRACKET	1	26	161669	LOCKWASHER S10	6
2	1423401G	OPERATOR'S SEAT (CLOTH)	1	27	161663	WASHER/GR A 10.5 ZO	2
3	178439	OPERATOR'S SEAT (VINYL)	1	28	651393	CS M10-1.5X25 C8.8 ZY	4
4	7236677187	HEX SCREW M12X25-8.8	2	29	161640	WASHER/GR A 10.5	4
5	161642	WASHER/GR A 13	2	30	160611	SPRING	2
6	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	31	161618	NUT/HEX DOMED CAP M8	4
7	651458	LN INS M8-1.25 C8 ZY DIN6924	4	32	161805	TUBE	2
8	163634	WASHER	18	33	164976	PIN	2
9	1423120G	CONSOLE FOR CONTROL LEVERS	2	34	161848	LOCKWASHER	2
10	164970	ARMREST	2	35	1429414G	ELEVATION ADJUSTMENT	2
11	164971	HANDLE	2	36	656102	HN M10-1.25 F8 ZY DIN934	2
12	1423002G	CONSOLE	1	37	161730	PLUG	2
13	164972	PANEL RT	1	38	164696	CIGARETTE LIGHTER	1
14	161634	SCREW/C'SUNK HD M5X16	8	39	162048	CLIP-ON NUT	8
15	165952	NUT	8	40	178442	SEAT UPHOLSTERY (CLOTH)	1
16	1423017G	COVER	1	41	178440	SEAT UPHOLSTERY (VINYL)	1
17	651424	CS M6-1X20 C8.8 ZY DIN931	4	42	178443	BACK CUSHION (CLOTH)	1
18	161675	LOCKWASHER S6	4	43	178441	BACK CUSHION (VINYL)	1
19	7462680008	WASHER	4	44	207060	SEAL BELT/2" RETRACTABLE	1
20	1429415G	ASHTRAY	1		809306	3" SEAT BELT KIT	1
21	164980	MICROSWITCH	2				
22	164982	WASHER	2				
23	164981	NUT	2				
24	1423003G	BRACKET	2				
25	656090	CS M10-1.5X16 C8.8 ZY DIN931	2				

**153 - HEATER**  
**1000148668 (SN AE00001 AND UP)**



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	178275	CAB HEATER		1	9	206187	TUBE (SN AE00363 AND BEFORE)		1
2	161853	VENT		2	10	204006	TUBE (SN AE00364 AND UP)		1
3	162064	HOSE CLAMP		4	11	161436	SCREW JOINT		1
4	207249	HEATER HOSE (0.9M)		1	12	160950	BALL VALVE		1
5	161630	SCREW/HEX HD TAP B5.5X19		3	13	160860	HOSE COVER		1
6	206139	HEATER HOSE (1.00M)		1	14	7788010663	UNION NUT AL 12 VERZ.		1
7	161476	SCREW JOINT		2	15	161424	WASHER		1
8	7462680008	WASHER		3	16	161477	SCREW JOINT		1

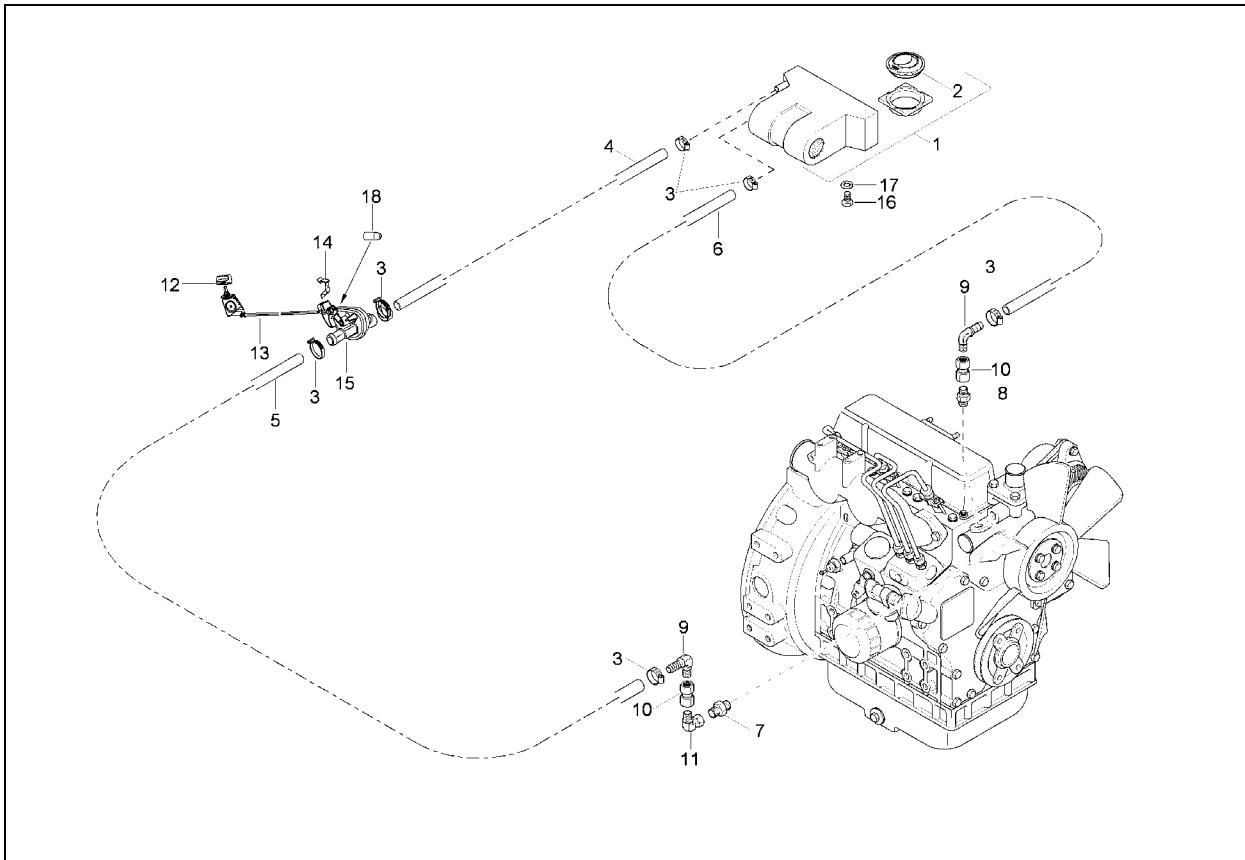
153 - HEATER  
1000135936 (SN AD00454 - AD04191)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178275	CAB HEATER	1	9	165501	90° FITTING	2
2	161853	VENT	2	10	9910513G	SCREW JOINT	2
3	162064	HOSE CLAMP	4	11	161445	90° FITTING	2
4	207249	HEATER HOSE (0.9M)	1	12	160950	BALL VALVE	1
5	161630	SCREW/HEX HD TAP B5.5X19	3	13	160860	HOSE COVER	1
6	207249	HEATER HOSE (0.9M)	1	14	7788010663	UNION NUT AL 12 VERZ.	1
7	161476	SCREW JOINT	2	15	161424	WASHER	1
8	7462680008	WASHER	3	16	161436	SCREW JOINT	2

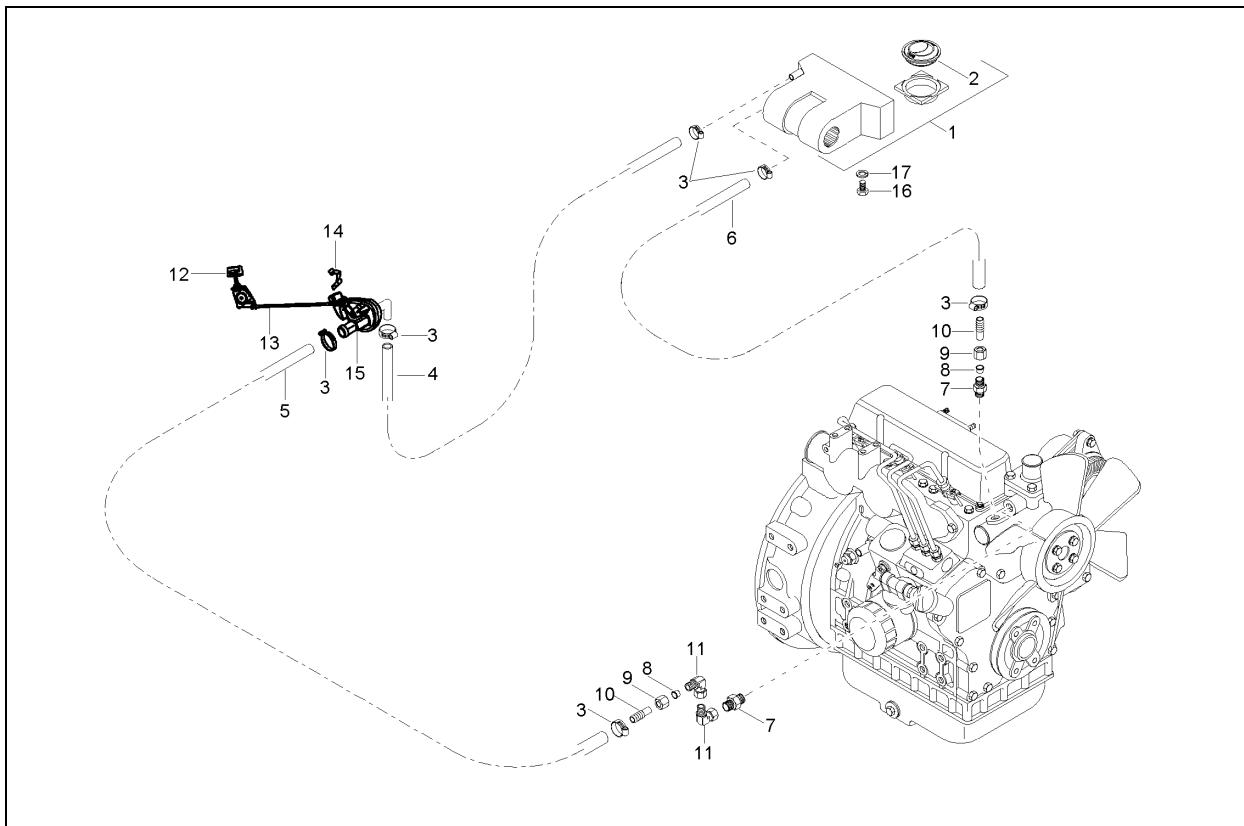
# 153 - HEATER

1000131719 (SN AC00304 - AD00453)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178275	CAB HEATER	1	10	9910513G	SCREW JOINT	2
2	161853	VENT	2	11	161445	90° FITTING	2
3	162064	HOSE CLAMP	6	12	164724	KNOB	1
4	207247	HEATER HOSE (0.7M)	1	13	164727	HEATER CONTROL	1
5	207246	HEATER HOSE (0.2M)	1	14	164726	CLIP	1
6	207249	HEATER HOSE (0.9M)	1	15	164725	VALVE	1
7	161429	SCREW JOINT 12L	2	16	161630	SCREW/HEX HD TAP B5.5X19	3
8	161436	SCREW JOINT	2	17	7462680008	WASHER	3
9	165501	90° FITTING	2	18	179737	RUBBER BUSHING	1

**153 - HEATER**  
**1000131718 (SN AC00303 AND BEFORE)**



**Ref.**

**No. Part No.**

**Description**

**Qty.**

1	178275	CAB HEATER	1
2	161853	VENT	2
3	162064	HOSE CLAMP	6
4	207245	HEATER HOSE (0.1M)	1
5	207248	HEATER HOSE (0.8M)	1
6	207249	HEATER HOSE (0.9M)	1
7	161459	SCREW JOINT	2
8	161424	WASHER	2
9	7788010663	UNION NUT AL 12 VERZ.	2

**Ref.**

**No. Part No.**

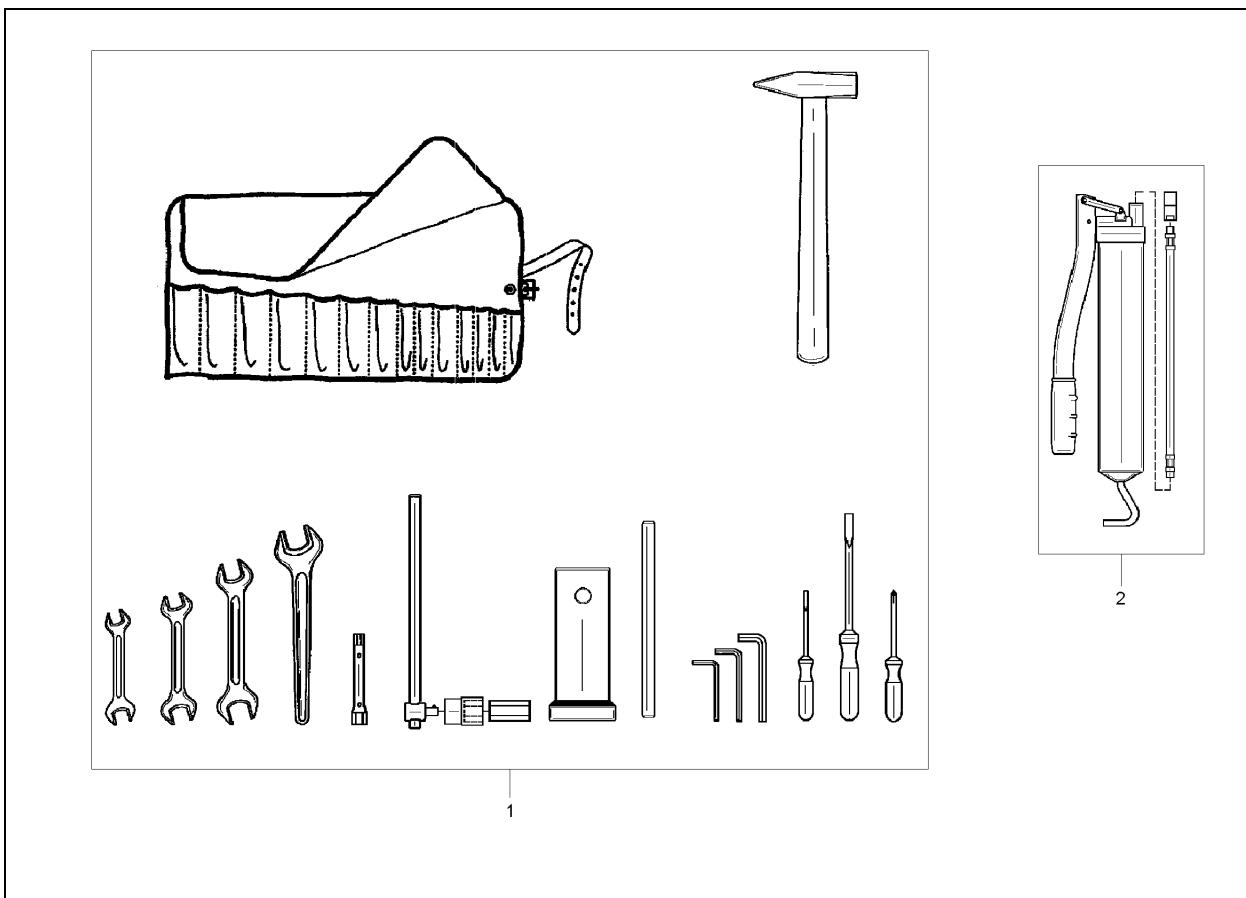
**Description**

**Qty.**

10	160860	HOSE COVER	2
11	161445	90° FITTING	2
12	164724	KNOB	1
13	164727	HEATER CONTROL	1
14	164726	CLIP	1
15	178705	VALVE	1
16	161630	SCREW/HEX HD TAP B5.5X19	3
17	7462680008	WASHER	3

# 153 - TOOL KIT

1000135858



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178306	19	8	178334	19	21	178358	38	12
178307	19	14	178334	20	23	178359	44	2
178308	38	15	178335	19	23	178360	44	25
178309	19	19	178336	19	33	178360	45	8
178310	23	4	178336	20	26	178361	44	17
178311	38	13	178337	34	2	178361	45	24
178312	19	32	178337	35	3	178362	47	5
178313	29	20	178338	35	1	178362	48	7
178313	30	24	178339	35	4	178363	47	7
178314	47	3	178339	36	4	178363	48	8
178314	48	3	178340	35	5	178364	29	22
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178319	32	5	178344	35	10	178370	30	5
178319	35	9	178344	36	10	178371	49	5
178319	36	9	178345	35	11	178372	49	7
178319	42	12	178345	36	11	178373	49	8
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178396	30	34	178425	39	8	178449	205	1
178397	29	11	178426	37	17	178451	205	2
178397	30	7	178426	38	7	178452	187	37
178398	29	27	178426	39	7	178453	84	15
178398	30	29	178428	26	3	178453	85	15
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178400	30	4	178431	85	22	178458	171	6
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178403	29	13	178433	174	1	178462	180	1
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178502	29	6	178563	99	22	178717	204	13
178502	30	13	178563	99	23	178719	149	1
178503	22	3	178564	188	18	178720	146	1
178503	29	7	178564	190	18	178721	138	1
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178503	30	15	178677	9	2	178723	203	52
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178504	30	30	178677	40	4	178727	204	4
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178808	88	6	178967	89	5	201582	65	1
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203996	77	6	204040	65	2	205940	140	9
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204000	84	28	204043	196	1	206003	140	5
204001	181	16	204043	197	1	206007	84	1
204002	181	17	204044	39	9	206020	193	11
204003	181	18	204045	39	11	206024	174	2
204004	181	19	204047	159	5	206025	167	2
204005	181	15	204047	160	5	206026	167	25
204006	218	10	204048	130	1	206032	5	36
204007	89	5	204048	155	4	206039	194	11
204008	210	1	204048	156	4	206039	195	11
204009	84	29	204048	157	4	206039	196	7
204010	82	17	204049	124	1	206039	197	7
204010	83	22	204049	125	1	206064	149	17
204011	84	32	204049	126	1	206084	84	18
204011	85	28	204049	162	11	206084	85	18
204011	86	37	204049	163	11	206084	86	21
204016	116	14	204049	164	11	206094	165	3
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206177	197	2	206210	10	10	206249	9	9
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206284	46	12	206323	69	10	206813	132	1
206285	46	13	206324	69	11	206816	124	6
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206287	54	1	206326	69	13	206816	126	6
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1529425G	126	9	425-35265	44	7	425-36146	12	17
1902233G	158	2	425-35269	11	15	425-36146	48	2
1921110G	131	4	425-35269	44	10	425-36147	11	20
1921110G	132	11	425-35269	45	12	425-36147	12	20
1925002G	71	27	425-35271	71	21	425-36148	11	21
1925003G	71	28	425-35272	71	20	425-36148	12	13
1925004G	71	29	425-35317	11	19	425-36148	149	11
1925005G	70	2	425-35317	12	19	425-36148	150	11
1925103G	55	6	425-35318	11	18	425-36149	11	24
1925103G	56	6	425-35318	12	18	425-36149	12	16
1925104G	55	1	425-35326	9	3	425-36149	149	10

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425-36149	150	10	8002307G	106	8	8004359G	116	6
425-36150	70	1	8002307G	107	9	8004359G	118	6
425-36150	71	1	8002308G	105	8	8004360G	116	8
425-36150	72	1	8002308G	107	8	8004360G	133	7
425-36152	44	24	8002309G	105	7	8004361G	80	5
425-36152	45	22	8002309G	107	7	8004361G	81	5
425-36152	69	15	8002310G	108	2	8004364G	80	6
425-36152	70	12	8002310G	109	2	8004364G	81	6
425-36152	71	12	8002311G	108	3	8004365G	80	7
425-36152	72	12	8002311G	109	3	8004368G	103	8
425-36153	51	1	8002312G	105	5	8004368G	104	8
425-36153	52	1	8002312G	106	5	8004371G	77	7
425-36153	53	1	8002312G	107	5	8004371G	78	1
425-36154	9	7	8002313G	123	1	8004372G	122	4
425-36154	51	2	8002323G	121	5	8004372G	123	4
425-36154	52	2	8002323G	122	1	8004374G	77	5
425-36154	53	2	8002323G	129	1	8004374G	78	2
425-36155	51	3	8003037G	118	7	8004375G	118	8
425-36155	52	3	8003037G	119	6	8004375G	133	7
425-36155	53	3	8003080G	116	11	8005090G	116	3
425-36158	51	7	8003080G	118	11	8005090G	118	3
425-36158	52	7	8003123G	116	12	8005091G	118	9
425-36163	12	3	8003123G	118	12	8005091G	133	8
425-36163	45	6	8003129G	116	4	8005275G	104	1
425-36165	12	9	8003129G	118	4	8005276G	103	2
425-36165	27	1	8003133G	116	10	8005276G	104	2
425-36166	12	12	8003133G	118	10	8005277G	103	3
425-36166	33	3	8003135G	116	2	8005277G	104	3
425-36233	69	16	8003135G	118	2	8005278G	116	9
425-36251	23	7	8003136G	116	5	8005278G	133	8
425-36251	55	4	8003136G	118	5	8005284G	103	5
425-36251	56	4	8003137G	116	7	8005284G	104	5
8001851G	108	1	8004348G	81	7	8006005G	75	1
8001851G	109	1	8004355G	121	1	8006005G	76	2
8001858G	123	2	8004355G	122	6	8006228G	76	1
8001863G	105	2	8004355G	123	6	8006247G	103	6
8001863G	106	7	8004355G	133	1	8006247G	104	6
8001863G	107	10	8004358G	116	1	8009010G	105	1
8002124G	129	3	8004358G	118	1	8009010G	107	1
8002307G	105	9	8004359G	115	6	9705282G	5	25

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9705488G	5	27	9901666G	205	23	9914140G	54	10
9705489G	5	28	9901666G	206	23	9914140G	55	13
9705501G	5	29	9901666G	207	23	9914140G	56	13
9705501G	101	6	9901671G	61	19	9917376G	86	32
9705501G	102	10	9901671G	71	8			
9705502G	5	30	9901673G	205	18			
9705523G	5	31	9901673G	206	28			
9706079G	222	1	9901673G	207	28			
9709040G	147	4	9901732G	167	4			
9709157G	147	8	9901732G	168	4			
9709160G	147	6	9901732G	169	4			
9709266G	70	26	9901732G	170	6			
9709266G	71	26	9901740G	195	43			
9709266G	72	26	9902013G	195	40			
9710041G	80	8	9902111G	162	17			
9710041G	81	8	9902111G	163	17			
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9901115G	169	23	9905073G	161	3			
9901115G	170	35	9908057G	110	21			
9901152G	202	11	9909013G	84	4			
9901152G	203	11	9909013G	85	4			
9901277G	16	8	9909013G	86	4			
9901277G	17	8	9909024G	83	10			
9901346G	174	4	9909024G	86	34			
9901346G	175	4	9909039G	165	4			
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## TORQUE SPECIFICATIONS

*Note: Use these torque values when tightening 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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