GEHL®

Form No.
918113
Revision D
June 2008

Model 280

All-Wheel-Steer Loader

Beginning Serial Number: 341020017

Parts Manual

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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
W/O .....Without

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DECALS

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. Refer to the listing for the illustration reference number, part number, description and quantity of each decal provided in the kit. Refer to the appropriate illustrations for replacement locations.

To ensure proper selection of the correct replacement decals, compare all of the various closeup location drawings to your machine before starting to refinish the unit. Then circle each decal shown (applicable to your machine) while checking off its part number in the listing. After you have verified 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 your unit.

PAINT NOTICE

Use this list to order paint for refinishing:

167768	**4 qts. AWS Yellow (GEHL)**
167758	**4 qts. Charcoal Gray (GEHL)**
167774	**4 qts. Dark Gray (GEHL)**
167769	**6 (12.8 oz. Spray Cans) AWS Yellow (GEHL)**
167775	**6 (12.8 oz. Spray Cans) Dark Gray (GEHL)**
167760	**6 (12.8 oz. Spray Cans) Charcoal Gray (GEHL)**

The decal kit for the model 280 All-Wheel-Steer Loader is listed below:

Ref. No.	Part No.	Description & Quantity
	209149	Decal Kit - 280
2	209302	Charge Safety Box
4	209300	Hydraulic Lockout
6	203278	Joystick Controls - Cab Decal
7	183963	GEHL - 3.75X15.92
8	184306	GEHL - 4.75X20.16 (2 Places)
10	209448	280 (2 Places)
13	0004355533	Safety Alert Symbol (3 Places)
15	209451	WARNING - Moving Parts
16	0004351144	Arrow (2 Places)
21	0004359734	WARNING - Use Seat Belt
22	0004359834	CAUTION - Avoid Danger of Serious Injury
23	209219	Maintenance Chart
24	209716	Lift Point (4 Places)
25	209717	Tiedown point (3 Places)
26	174407	Load Chart Gehl
27	0004353237	Information - Sound power Level Compliance

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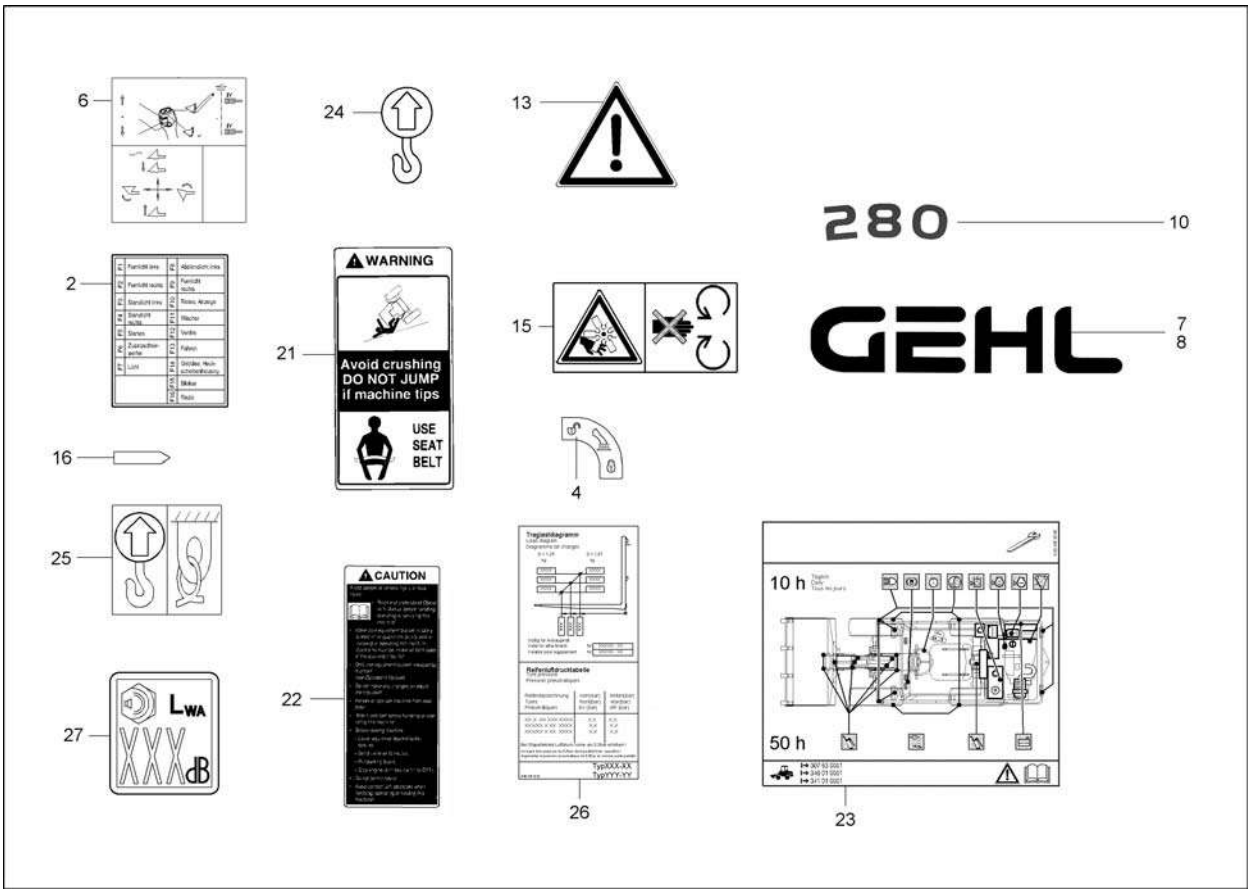
DECALS



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NOTES:

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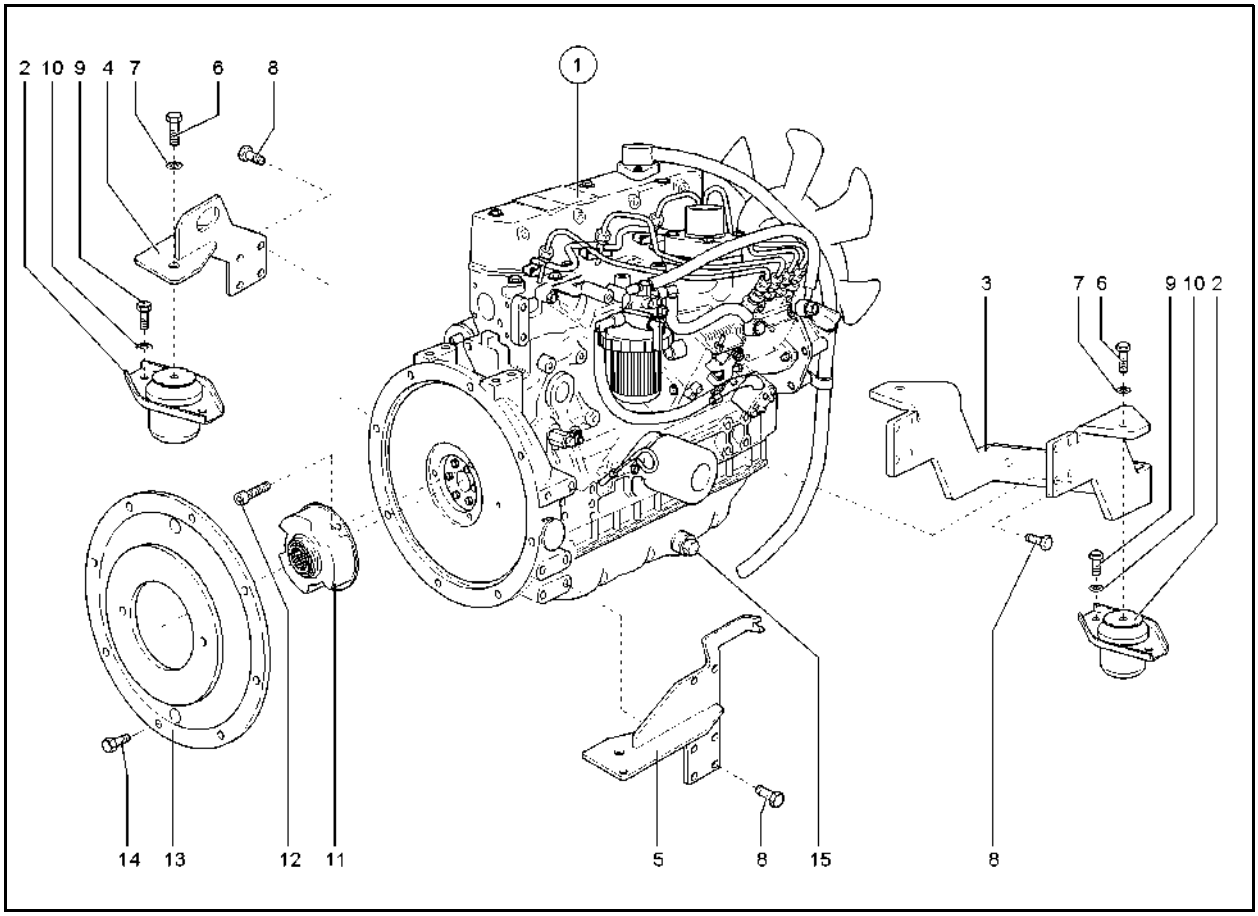

Ref. No.	Part No.	Description	Qty.
1	203253	DIESEL ENGINE COMPLETE	1
2	209152	ENGINE ISO MOUNT	4
3	209153	ENGINE SUPPORT	1
4	209154	BRACKET	1
5	209155	BRACKET	1
6	656008	CS M10-1.5X30 C8.8 ZY	4
7	7462680014	WASHER B10.5	4
8	651393	CS M10-1.5X25 C8.8 ZY	16

Ref. No.	Part No.	Description	Qty.
9	656006	CS M10-1.5X20 C8.8 ZY	8
10	7451680112	WASHER B10.5-140HV A2C	8
11	209156	COUPLING	1
12	209157	SHCS	3
13	209158	FLANGE	1
14	651393	CS M10-1.5X25 C8.8 ZY	8
15	177239	DRAIN COUPLER	1

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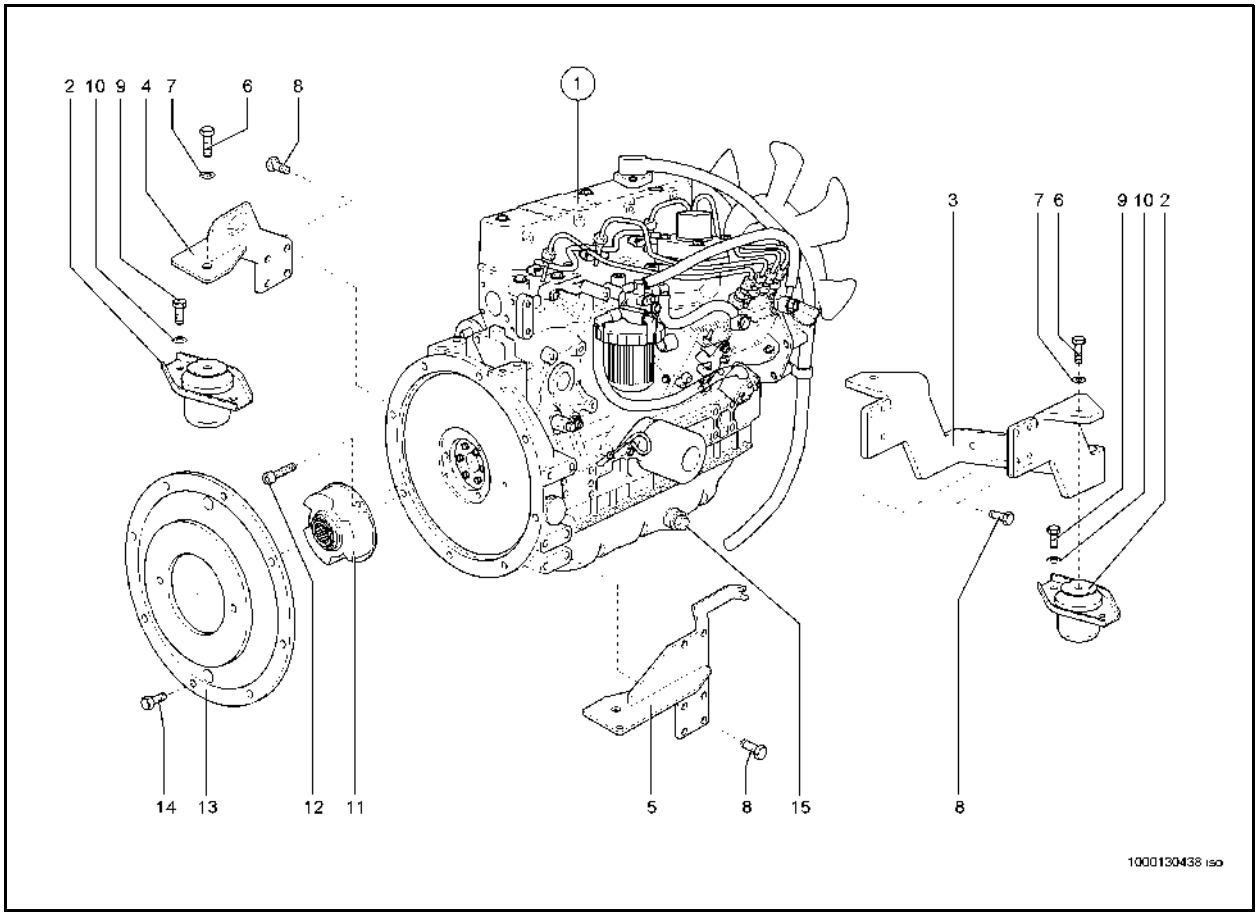
280 - ENGINE MOUNTING

1000130438 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	207384	DIESEL ENGINE COMPLETE	1
2	209152	ENGINE ISO MOUNT	4
3	209153	ENGINE SUPPORT	1
4	209154	BRACKET	1
5	209155	BRACKET	1
6	656008	CS M10-1.5X30 C8.8 ZY	4
7	7462680014	WASHER B10.5	4
8	651393	CS M10-1.5X25 C8.8 ZY	16

Ref. No.	Part No.	Description	Qty.
9	656006	CS M10X20	8
10	7451680112	WASHER B10.5-140HV A2C	8
11	209156	COUPLING	1
12	209157	SHCS	3
13	209158	FLANGE	1
14	651393	CS M10-1.5X25 C8.8 ZY	8
15	177239	DRAIN COUPLER	1

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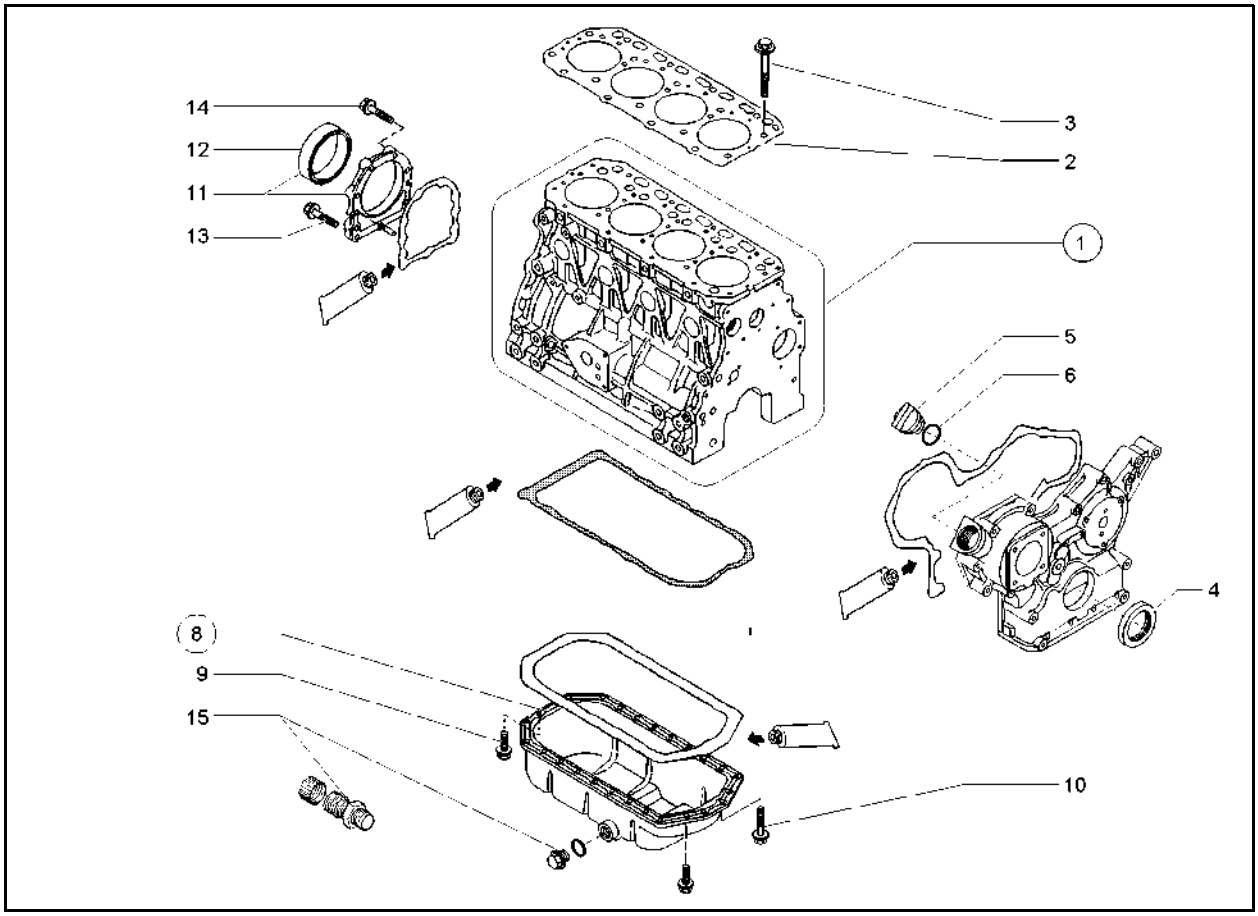

Ref. No.	Part No.	Description	Qty.
1	209963	ENGINE BLOCK	1
2	425-36006	GASKET/CYLINDER HEAD	1
3	206387	CYLINDER HEAD SCREW	18
4	202472	SHAFT SEAL	1
5	164662	FILLER CAP	1
6	177242	O-RING	1
8	425-36087	OIL PAN ASSY	1

Ref. No.	Part No.	Description	Qty.
9	164316	SCREW M8 X 16 PLATED	4
10	209276	SCREW	24
11	209587	FLYWHEEL HOUSING	1
12	177324	SEAL	1
13	177264	SCREW	3
14	209555	SCREW	6
15	177239	DRAIN COUPLER	1

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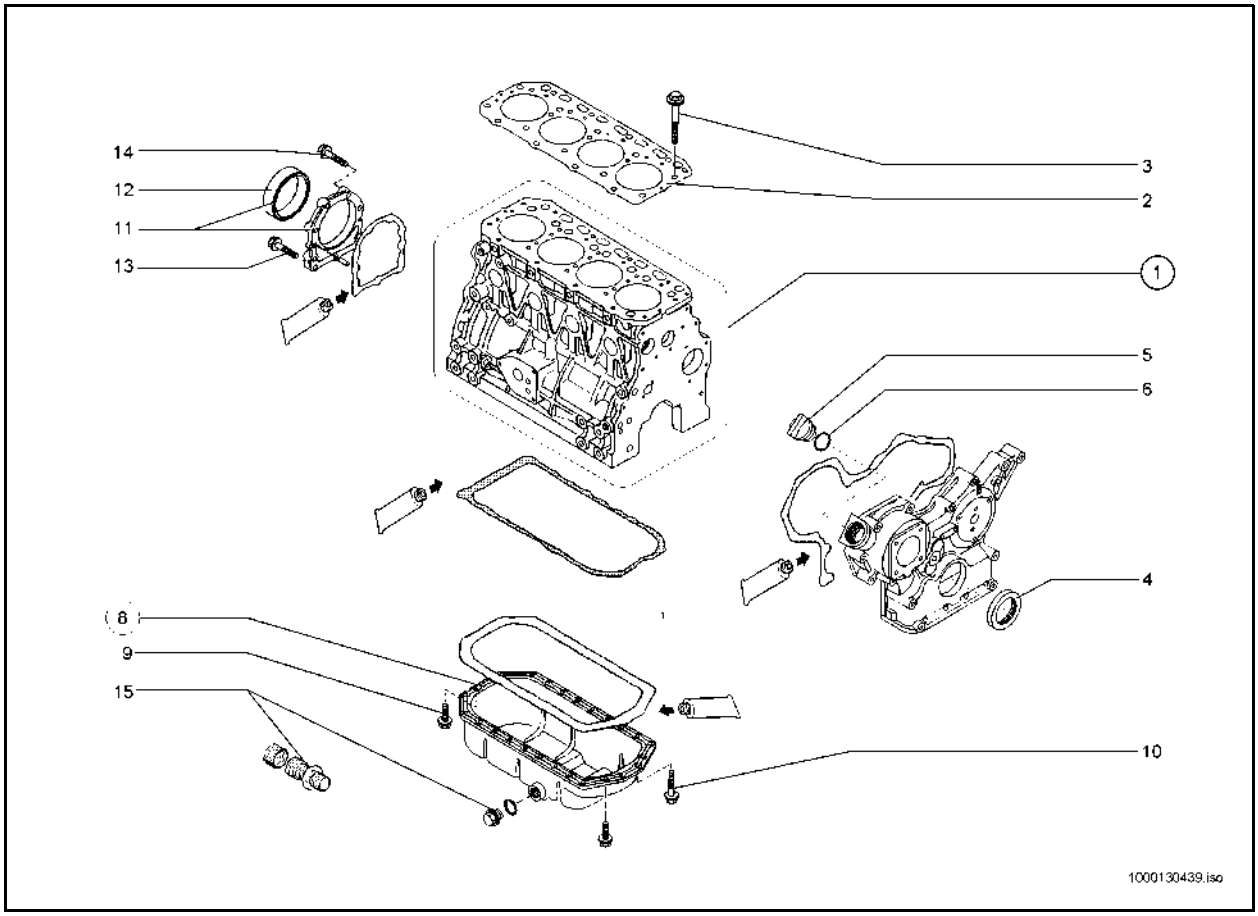
280 - ENGINE BLOCK

1000130439 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	209963	ENGINE BLOCK	1
2	425-36006	CYLINDER HEAD GASKET	1
3	206387	CYLINDER HEAD SCREW	18
4	177238	SHAFT SEAL	1
5	164662	FILLER CAP	1
6	177242	O-RING	1
8	425-36087	OIL PAN ASSY	1

Ref. No.	Part No.	Description	Qty.
9	164316	SCREW M8X16 PLATED	4
10	209276	SCREW	24
11	209587	FLYWHEEL HOUSING	1
12	177324	SEAL	1
13	177264	SCREW	3
14	209555	SCREW	6
15	177239	DRAIN COUPLER	1

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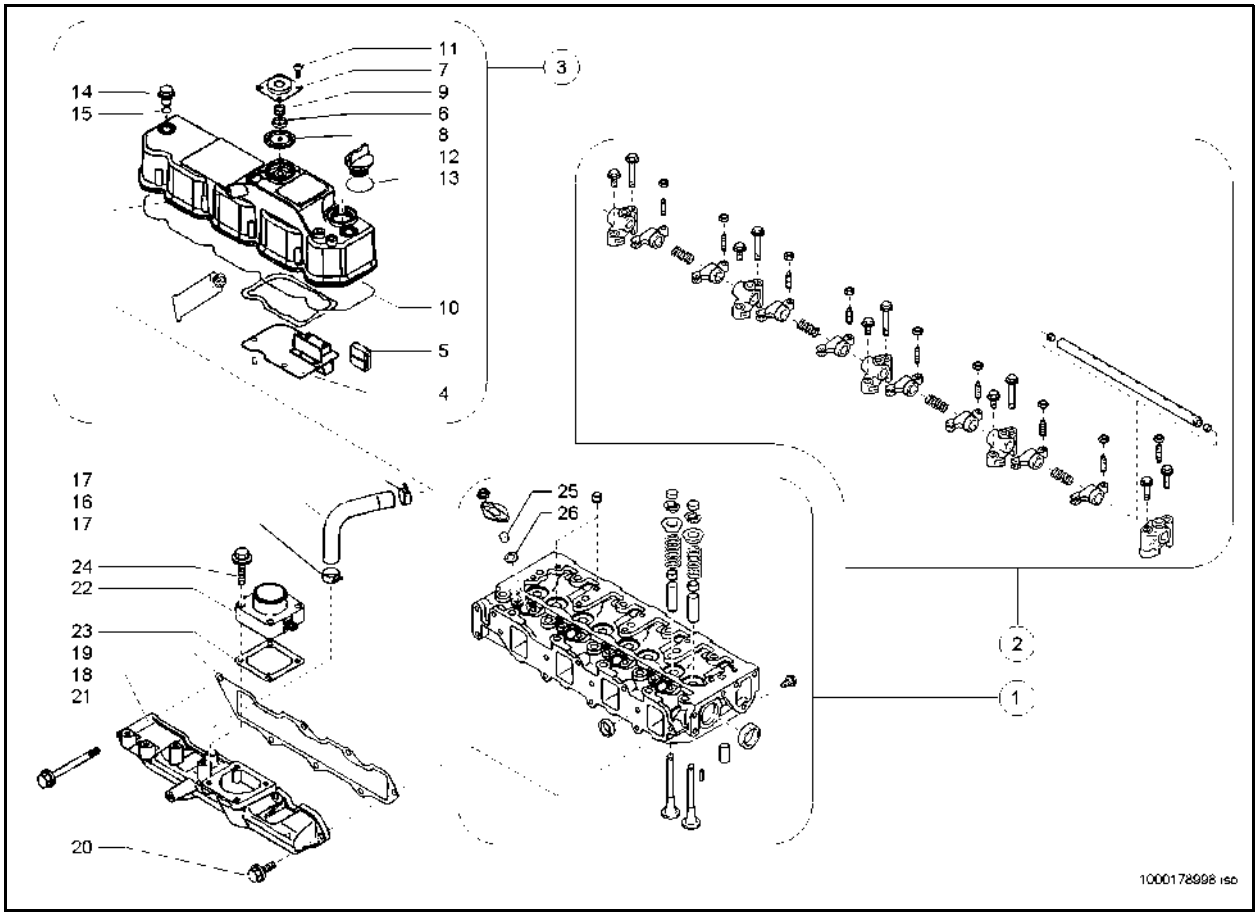
280 - CYLINDER HEAD
1000178998 - (SN 341020591 AND UP)



Ref. No.	Part No.	Description	Qty.
1	202466	CYLINDER HEAD	1
2	209965	ROCKER SHAFT ASSY	1
3	209966	CYLINDER HEAD COVER	1
4	209918	PLATE	1
5	209278	PLATE	1
6	209916	SPACER	1
7	203267	COVER	1
8	209917	DIAPHRAGM	1
9	203268	SPRING	1
10	177729	VALVE COVER SEAL	1
11	209913	SCREW	4
12	164662	FILLER CAP	1
13	177242	O-RING	1

Ref. No.	Part No.	Description	Qty.
14	206385	HEADNUT	3
15	209192	O-RING	3
16	209919	HOSE	1
17	209920	CLAMP	2
18	209967	INTAKE MANIFOLD	1
19	209751	SEAL	1
20	177256	SCREW	1
21	177272	SCREW	6
22	202484	SUCTION FLANGE	1
23	177268	AIR HEATER GASKET	1
24	177264	SCREW	4
25	177350	SHIELD	4
26	206380	SEAL RING	4

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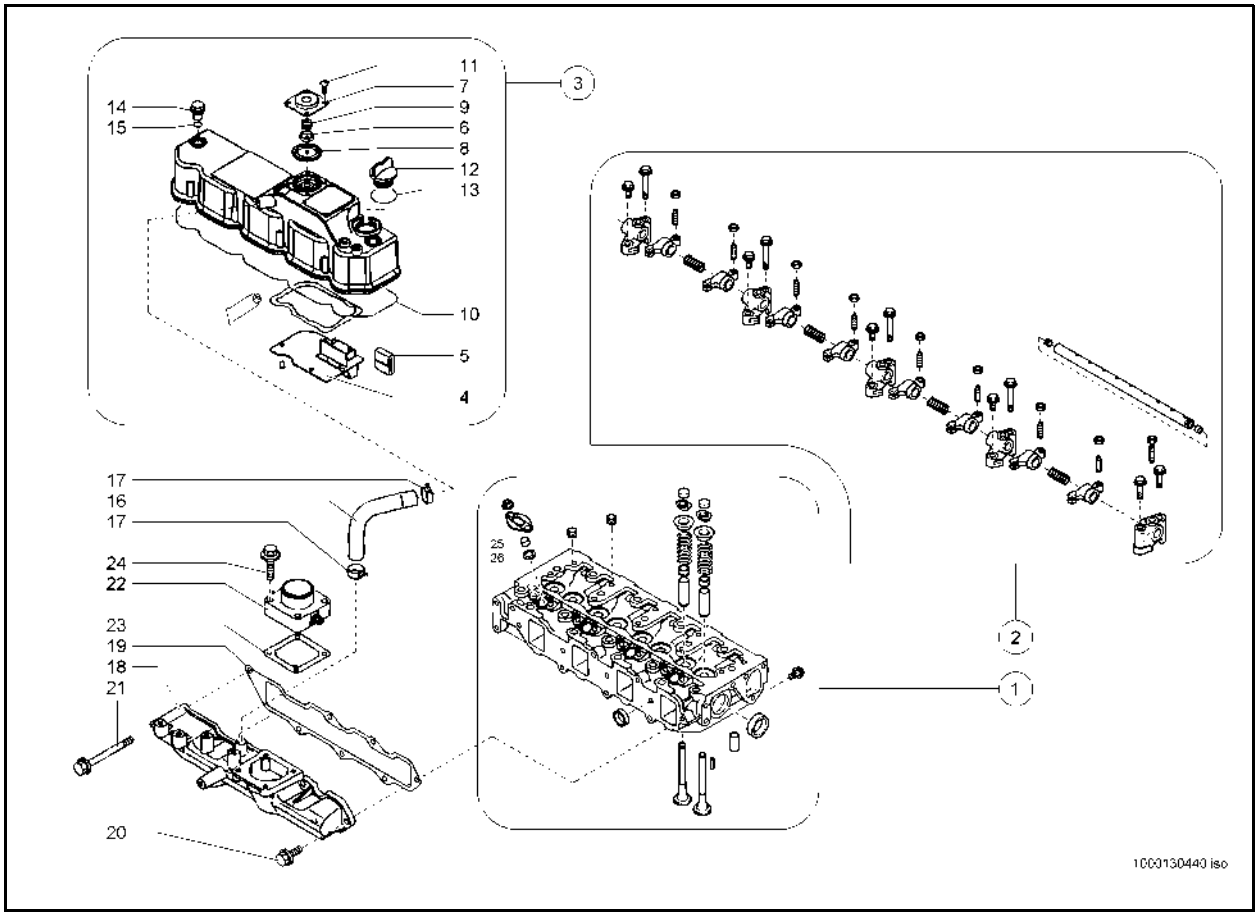
280 - CYLINDER HEAD

1000130440 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	177276	CYLINDER HEAD	1
2	209965	ROCKER SHAFT ASSY	1
3	209966	CYLINDER HEAD COVER	1
4	209918	PLATE	1
5	209278	PLATE	1
6	209916	SPACER	1
7	209914	COVER	1
8	209917	DIAPHRAGM	1
9	209915	SPRING	1
10	177729	VALVE COVER SEAL	1
11	209913	SCREW	4
12	164662	FILLER CAP	1
13	177242	O-RING	1

Ref. No.	Part No.	Description	Qty.
14	206385	CYLINDER HEAD NUT	3
15	209192	O-RING	3
16	209919	HOSE	1
17	209920	CLAMP	2
18	209967	INTAKE MANIFOLD	1
19	209751	SEAL	1
20	177256	SCREW	1
21	177272	SCREW	6
22	209274	HEATER/AIR	1
23	177268	GASKET	1
24	177264	SCREW	4
25	177350	SHIELD	4
26	206380	SEAL RING	4

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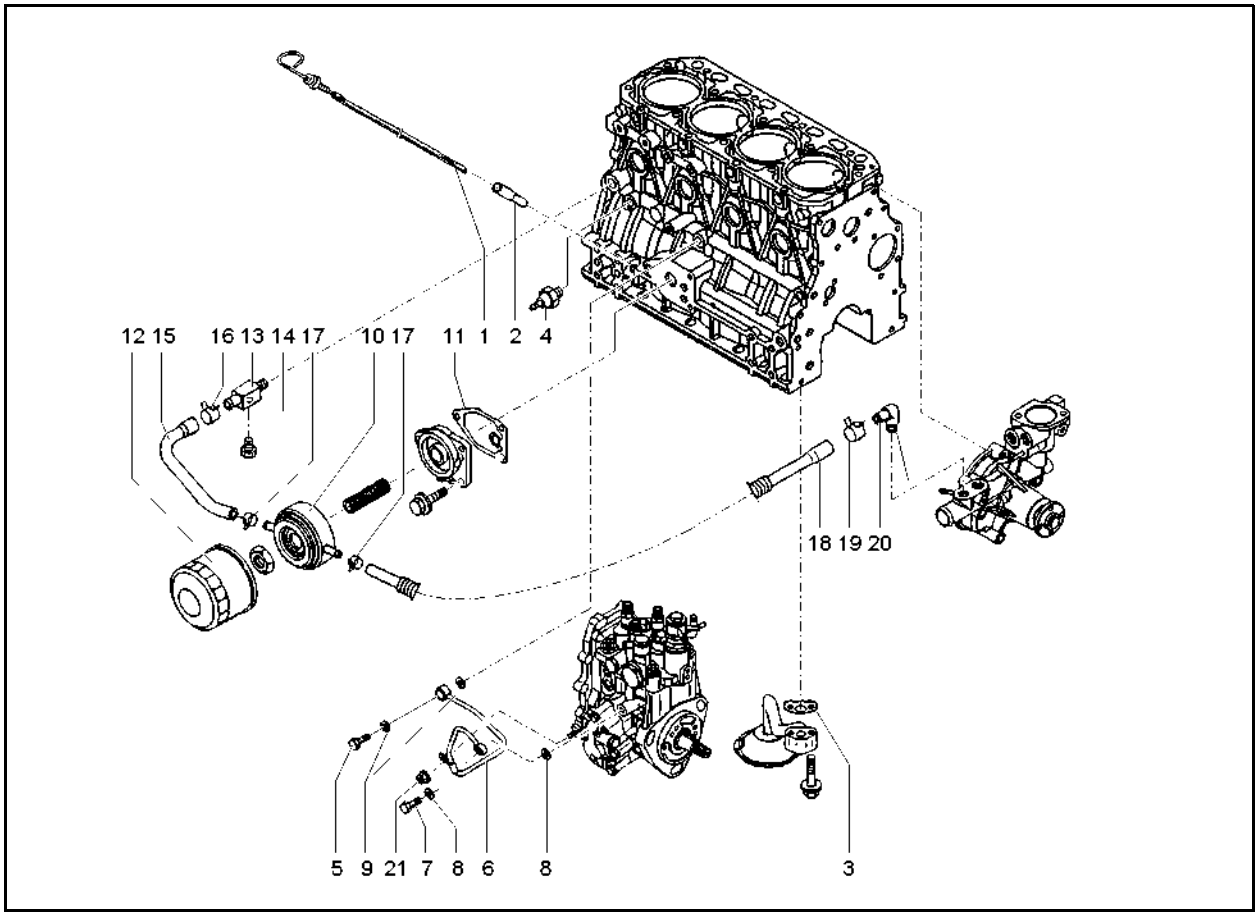

Ref. No.	Part No.	Description	Qty.
1	177359	DIPSTICK	1
2	177234	DIPSTICK TUBE	1
3	177251	OIL SUMP GASKET	1
4	209534	OIL PRESSURE SWITCH	1
5	209922	BANJO BOLT	1
6	209923	PIPE LINE	1
7	209924	BANJO BOLT	1
8	177462	SEAL RING	2
9	209549	SEAL RING	2
10	209925	ADAPTER	1
11	177257	FILTER BASE GASKET	1

Ref. No.	Part No.	Description	Qty.
12	203266	OIL FILTER	1
13	209847	SCREW JOINT	1
14	209848	PLUG	1
15	209927	PIPE LINE	1
16	209928	CLAMP	1
17	209929	CLAMP	2
18	209971	ENGINE OIL PIPE	1
19	209972	CLAMP	1
20	209930	SCREW JOINT	1
21	209970	NUT	1

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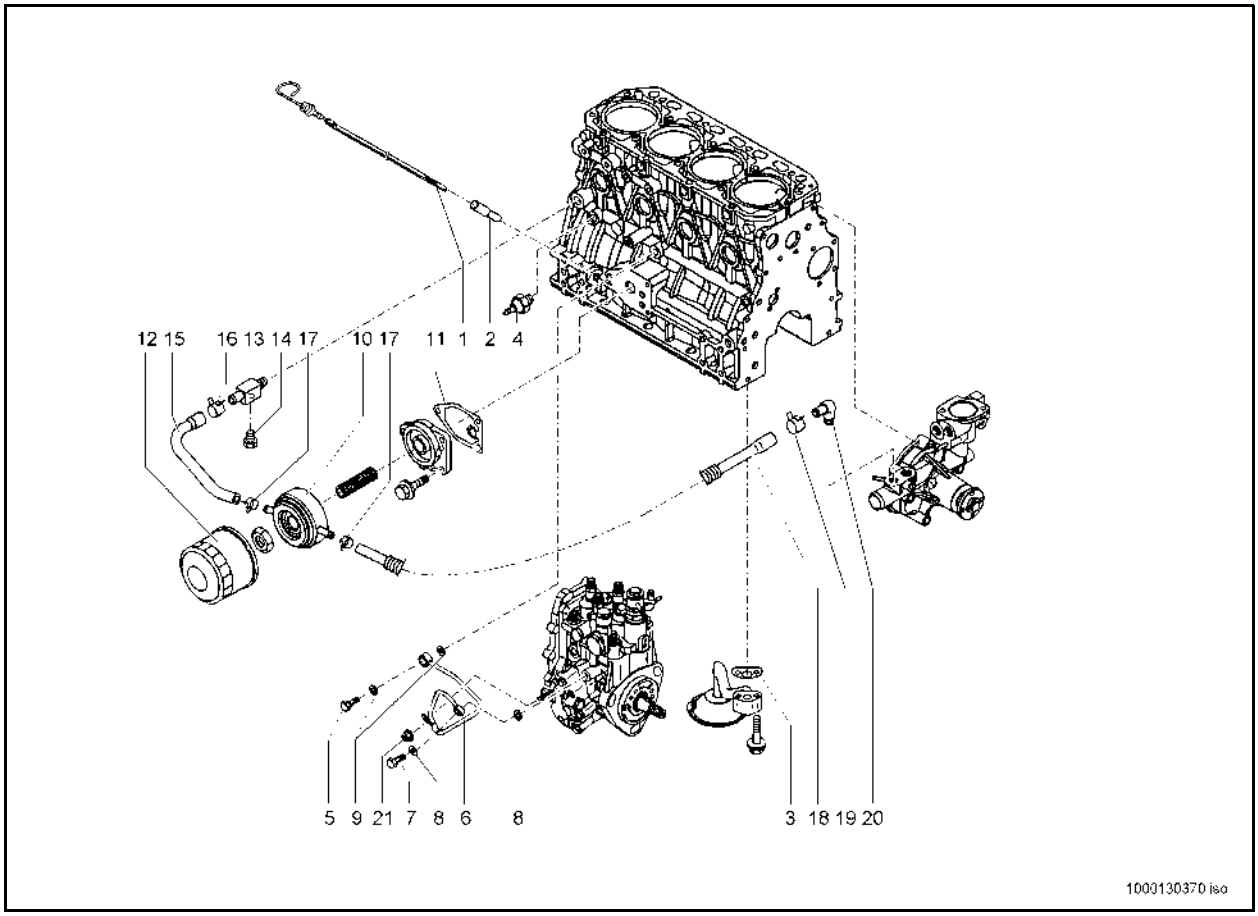
280 - LUBRICATION
1000130370 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	209921	OIL DIPSTICK	1
2	177234	DIPSTICK TUBE	1
3	177251	OIL SUMP GASKET	1
4	209534	OIL PRESSURE SWITCH	1
5	209922	BANJO BOLT	1
6	209923	PIPE LINE	1
7	209924	BANJO BOLT	1
8	177462	SEAL RING	2
9	209549	SEAL RING	2
10	209925	ADAPTER	1
11	177257	FILTER BASE GASKET	1

Ref. No.	Part No.	Description	Qty.
12	207465	ENGINE OIL FILTER	1
13	209847	SCREW JOINT	1
14	209848	PLUG	1
15	209927	PIPE LINE	1
16	209928	CLAMP	1
17	209929	CLAMP	2
18	209971	ENGINE OIL PIPE	1
19	209972	CLAMP	1
20	209930	SCREW JOINT	1
21	209970	NUT	1

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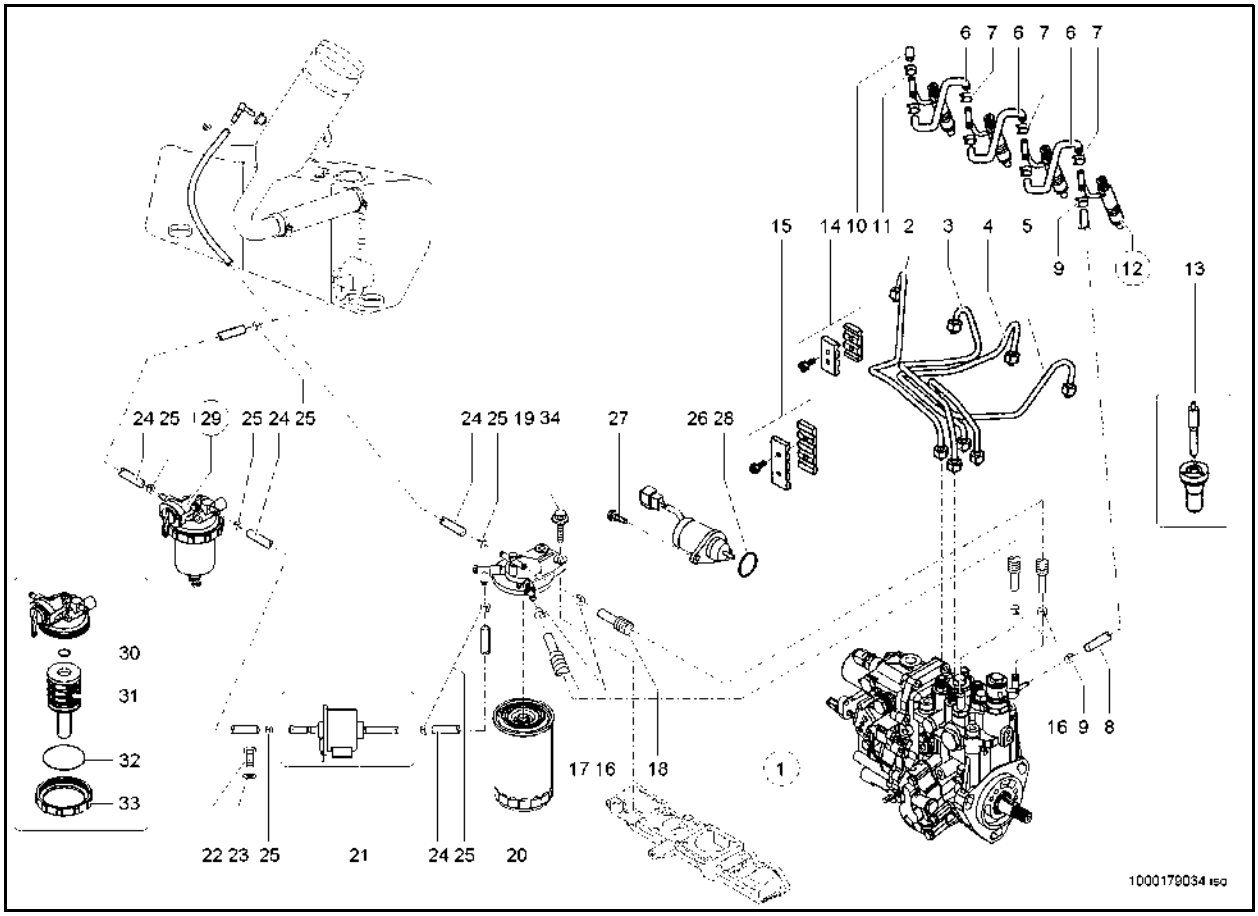

Ref. No.	Part No.	Description	Qty.
1	203275	INJECTION PUMP	1
2	209982	INJECTION LINE	1
3	209983	INJECTION LINE	1
4	209984	INJECTION LINE	1
5	209985	INJECTION LINE	1
6	209933	BLEED LINE	3
7	209931	CLAMP	6
8	209932	PIPE LINE	1
9	209931	CLAMP	2
10	209934	PLUG	1
11	209986	CLAMP	1
12	203269	INJECTION NOZZLE	4
13	203270	NOZZLE NEEDLE	4
14	209978	CLAMP	1
15	209979	CLAMP	1
16	164406	CLAMP 12	4
17	203273	HOSE PIPE	1

Ref. No.	Part No.	Description	Qty.
18	203274	HOSE PIPE	1
19	177893	BRACKET/FUEL FILTER	1
20	202488	FUEL FILTER	1
21	177699	FUEL PUMP	1
22	656092	CS M6-1X12 C8.8 ZY	2
23	7451680109	WASHER B6.4-140HV A2C	1
24	202753	FUEL LINE (1.00 M)	1
25	0009937550	CLAMP 12/8	6
26	203271	SHUT OFF SOLENOID	1
27	209579	HEX SCREW	2
28	203272	O-RING	1
29	177679	WATER SEPARATOR	1
30	177659	O-RING	1
31	186340	FILTER	1
32	209275	O-RING	1
33	209279	RING NUT	1
34	206251	SCREW	2

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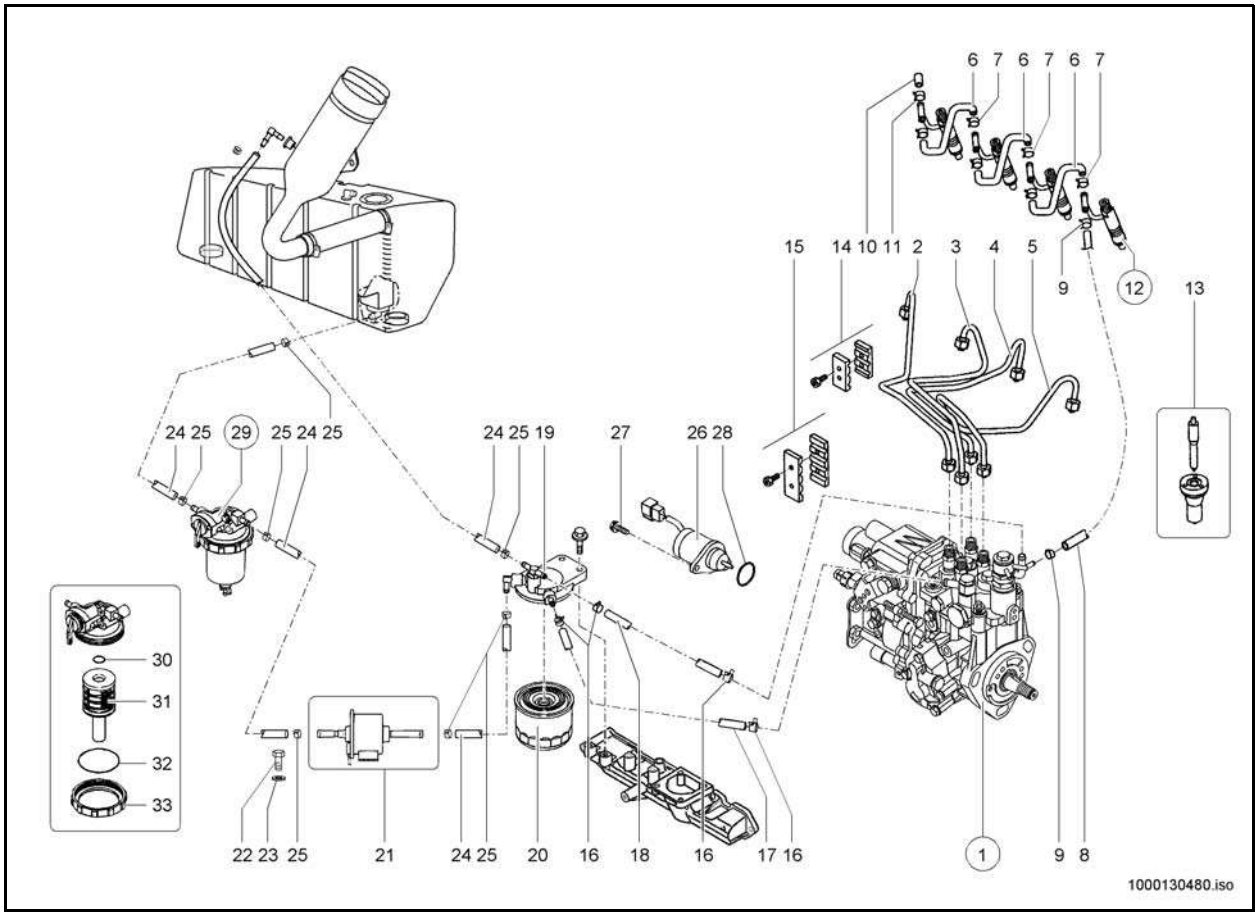
280 - INJECTION SYSTEM

1000130480 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	209977	INJECTION PUMP	1
2	209982	INJECTION LINE	1
3	209983	INJECTION LINE	1
4	209984	INJECTION LINE	1
5	209985	INJECTION LINE	1
6	209933	BLEED LINE	3
7	209931	CLAMP	6
8	209932	PIPE LINE	1
9	209931	CLAMP	2
10	209934	PLUG	1
11	209986	CLAMP	1
12	207382	INJECTION NOZZLE	4
13	209981	NOZZLE NEEDLE	4
14	209978	CLAMP	1
15	209979	CLAMP	1
16	164406	CLAMP	4
17	209987	HOSE PIPE	1

Ref. No.	Part No.	Description	Qty.
18	209753	HOSE	1
19	177893	BRACKET/FUEL FILTER	1
20	137499	FUEL FILTER	1
21	177699	FUEL PUMP	1
22	656092	CS M6-1X12 C8.8 ZY	2
23	7451680109	WASHER B6.4-140HV A2C	2
24	205619	HOSE D 8X3 (1.00M)	1
25	0009937550	CLAMP	6
26	425-35925	SOLENOID STOP	1
27	209579	HEX SCREW	2
28	209533	O-RING	1
29	177679	WATER SEPARATOR	1
30	177659	O-RING	1
31	186340	FILTER	1
32	209275	O-RING	1
33	209279	RING NUT	1

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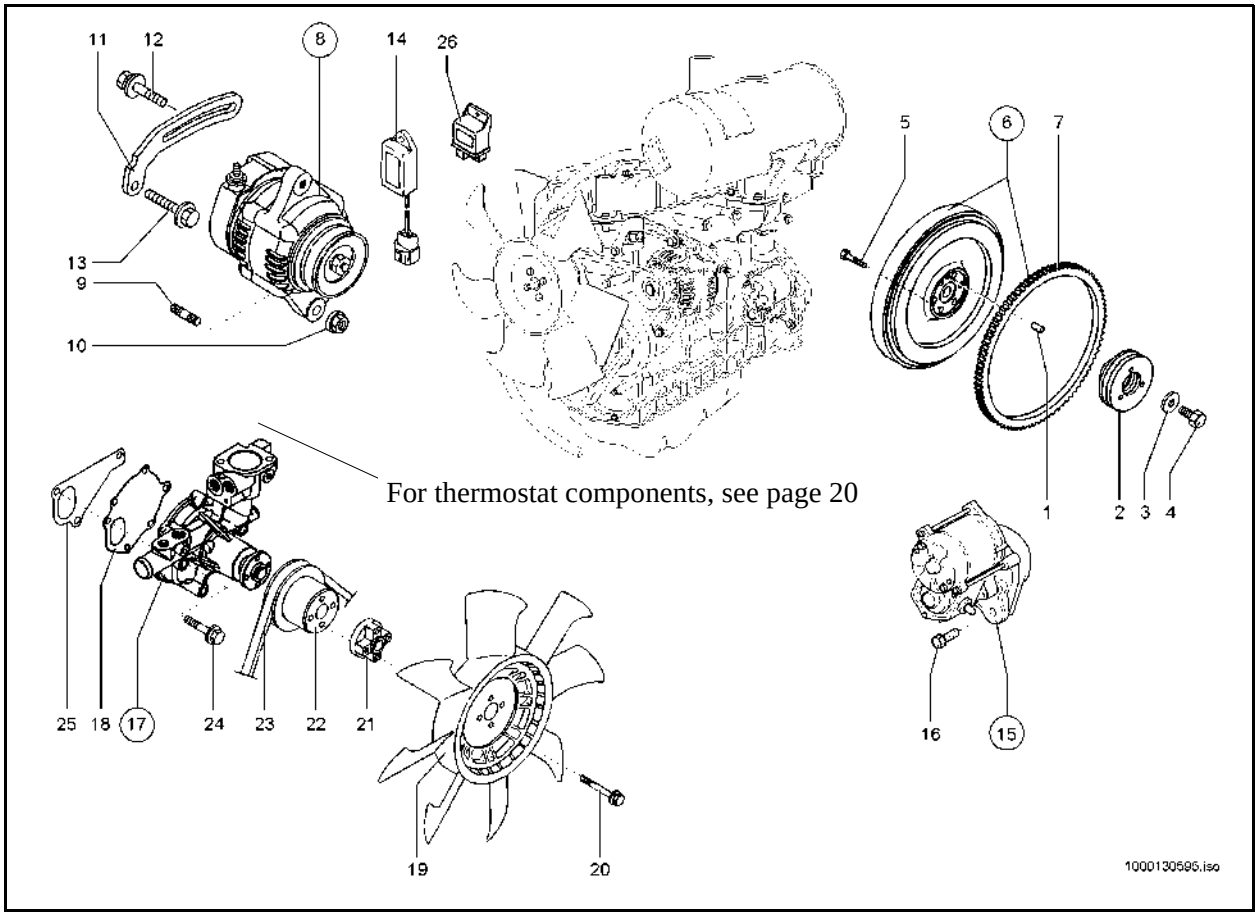

Ref. No.	Part No.	Description	Qty.
1	209906	PIN	1
2	209961	BELT PULLEY	1
3	209907	SPACER	1
4	209277	HEX SCREW	1
5	209483	HEX SCREW	6
6	209969	FLYWHEEL	1
7	209482	RING GEAR	1
8	177631	ALTERNATOR	1
9	209580	STUD BOLT	1
10	209581	NUT	1
11	209959	CLAMP BAR	1
12	209988	SCREW	1
13	209276	SCREW	1

Ref. No.	Part No.	Description	Qty.
14	209519	CONTROLLER	1
15	177637	STARTER	1
16	209484	HEX SCREW	2
17	177274	WATER PUMP	1
18	177275	WATER PUMP GASKET	1
19	209752	VENTILATOR FAN	1
20	177351	SCREW	4
21	177265	FAN SPACER	1
22	209474	BELT PULLEY	1
23	209973	V-BELT	1
24	164435	HEX SCREW	3
25	209548	SEAL	1
26	178930	RELAY 15A	1

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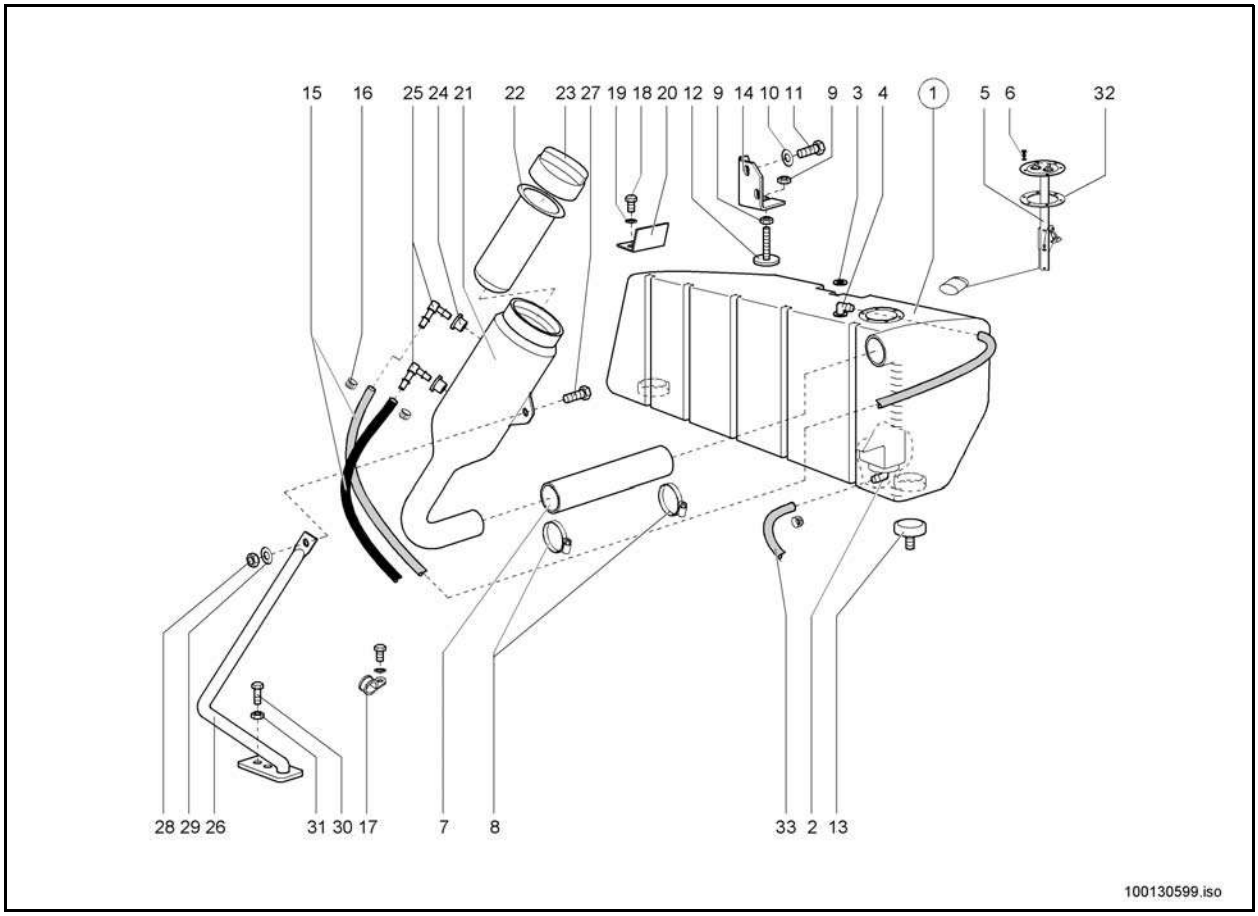
280 - FUEL TANK
1000130599



Ref. No.	Part No.	Description	Qty.
1	204975	FUEL TANK	1
2	209379	FUEL TANK FITTING/REAR	1
3	209309	JUNCTION	1
4	209378	FITTING	1
5	209398	LEVEL SENSOR	1
6	9901673G	SCREW	5
7	209310	PRE-SHAPED TUBE	1
8	0009937128	CLAMP	2
9	656102	HN M10-1.25 F8 ZY	2
10	7451680112	WASHER	4
11	656006	CS M10X20	2
12	209499	LIMIT STOP	1
13	209468	RUBBER BUFFER	3
14	209312	BRACKET	1
15	205619	HOSE D 8X3 (0.8M)	2
16	0009937550	CLAMP	8
17	209231	CLAMP	1

Ref. No.	Part No.	Description	Qty.
18	656006	CS M10X20	4
19	7462680014	WASHER 10.5 ST A2C	2
20	209311	BRACKET	1
21	207379	FILLER PIPE	1
22	160436	STRAINER/FUEL TANK	1
23	209380	LOCK COVER	1
24	209309	JUNCTION	2
25	209378	FITTING	2
26	209559	BRACKET	1
27	656105	CS M8-1.25X25 C8.8 ZY	1
28	7405677005	HEX NUT M8-8 A2C	1
29	7462680011	WASHER	1
30	656093	CS M8-1.25X16 C8.8 ZY	2
31	7462680011	WASHER	2
32	0000801838	GASKET	1
33	206491	HOSE D 8X3 (1.45M)	1

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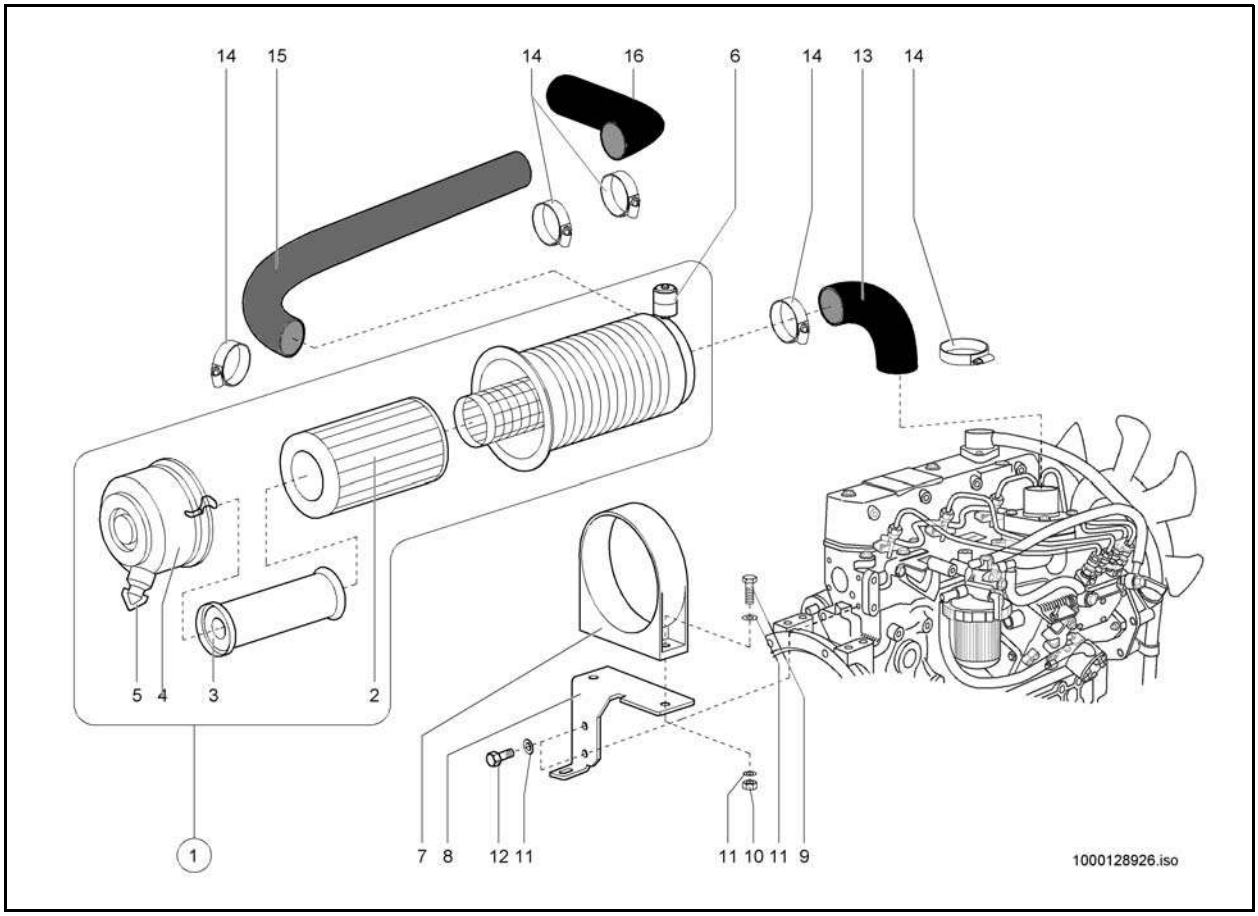

Ref. No.	Part No.	Description	Qty.
1	165272	AIR FILTER - COMPLETE	1
2	209454	AIR FILTER - OUTER	1
3	165294	AIR FILTER - INNER	1
4	209456	HOUSING	1
5	165296	DUST VALVE	1
6	209225	MAINTENANCE INDICATOR	1
7	209241	AIR FILTER BRACKET	1
8	209303	AIR FILTER MOUNT	1

Ref. No.	Part No.	Description	Qty.
9	656094	CS M8-1.25X30 C8.8 ZY	2
10	656048	HN M8-1.25 C8 ZY	2
11	163634	FLATWASHER	6
12	656093	CS M8-1.25X16 C8.8 ZY	2
13	209240	PRE-SHAPED TUBE	1
14	0009939130	CLAMP	5
15	209890	PRE-SHAPED TUBE	1
16	209891	PRE-SHAPED TUBE	1

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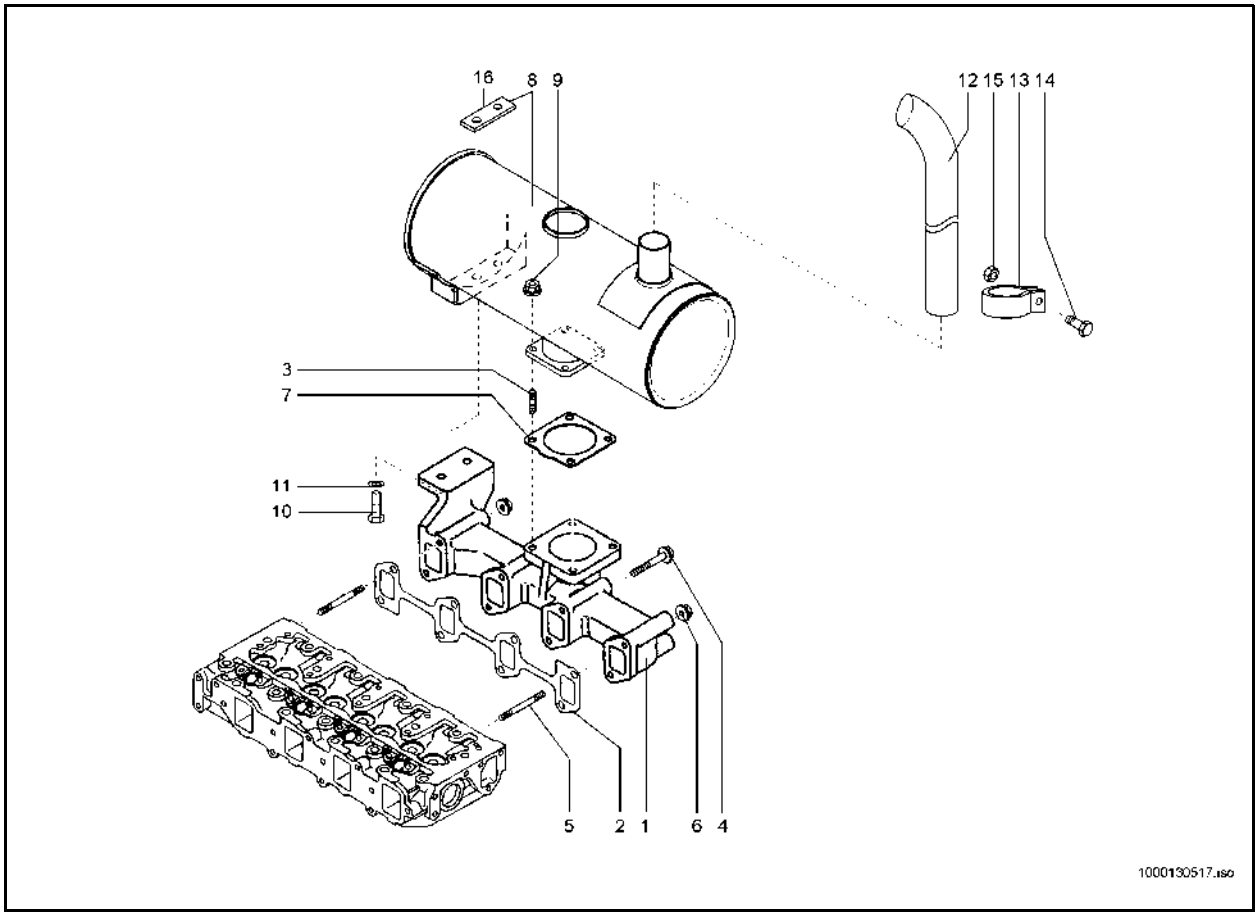
280 - EXHAUST COMPONENTS
1000130517



Ref. No.	Part No.	Description	Qty.
1	209968	EXHAUST MANIFOLD	1
2	209475	EXHAUST MANIFOLD GASKET	1
3	177401	STUD BOLT	4
4	209935	SCREW	6
5	164350	STUD BOLT	2
6	177400	HEXAGON NUT	6
7	177112	GASKET	1
8	209875	MUFFLER (INCLUDES 16)	1

Ref. No.	Part No.	Description	Qty.
9	209289	HEXAGON NUT	4
10	656105	CS M8-1.25X25 C8.8 ZY	2
11	163634	FLATWASHER	2
12	209503	EXHAUST PIPE	1
13	209297	CLAMP	1
14	656105	CS M8-1.25X25 C8.8 ZY	1
15	656048	HN M8-1.25 C8 ZY	1
16	204731	PLATE (SN 341020482 AND UP)	1

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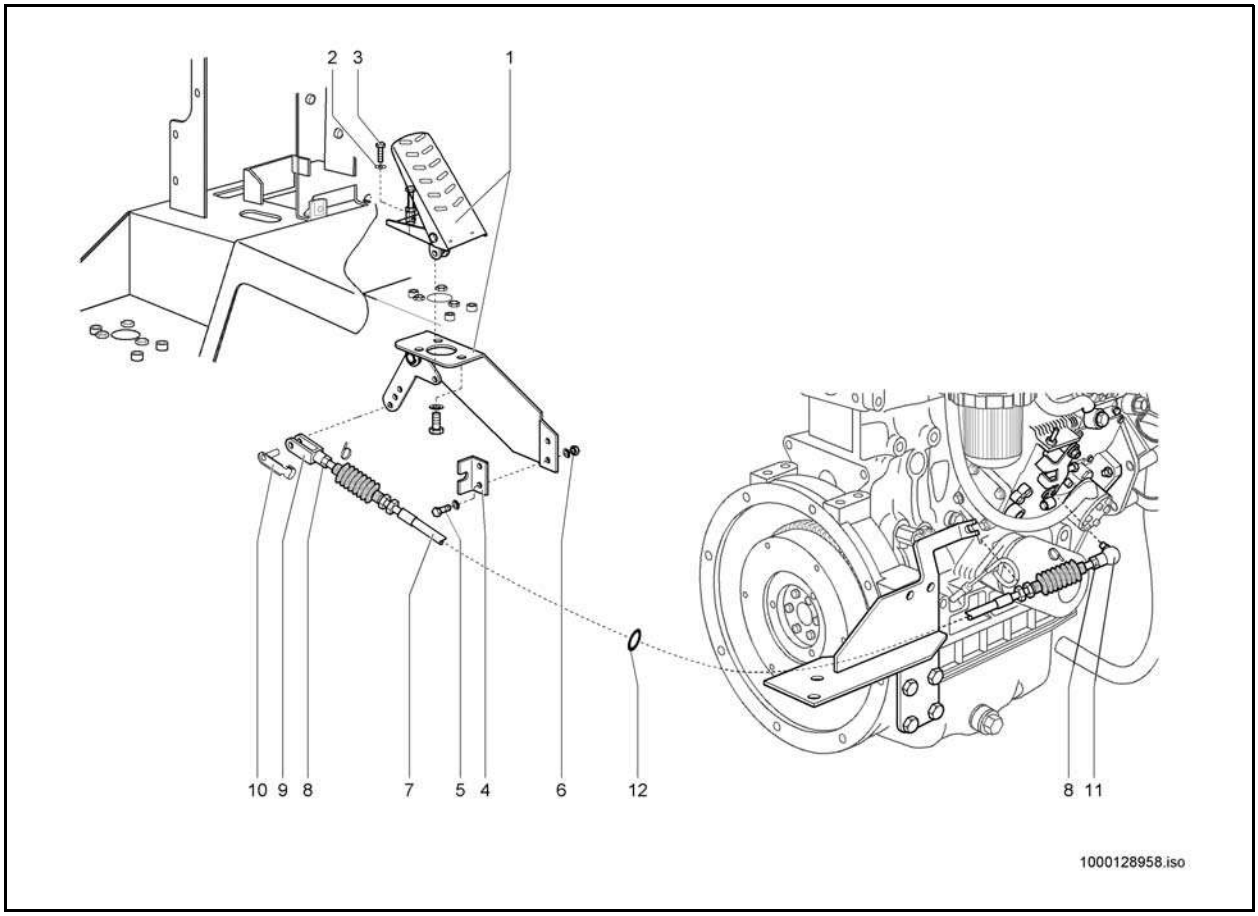

Ref. No.	Part No.	Description	Qty.
1	209243	THROTTLE PEDAL	1
2	7462680008	WASHER	6
3	656092	CS M6-1X12 C8.8 ZY	6
4	1381710034	CLAMP	1
5	651521	CS M5-0.8X16 C8.8 ZY	2
6	656100	HN M5-0.8 C8 ZY	2

Ref. No.	Part No.	Description	Qty.
7	209318	CABLE	1
8	651457	LN INS M6-1 C8 ZY	3
9	7821104306	CLEVIS	1
10	0009908115	SPRING CLIP PIN	1
11	7824670271	ANGLE JOINT CS 10-A3C	1
12	0009963042	DUCT RING 17X45X14	1

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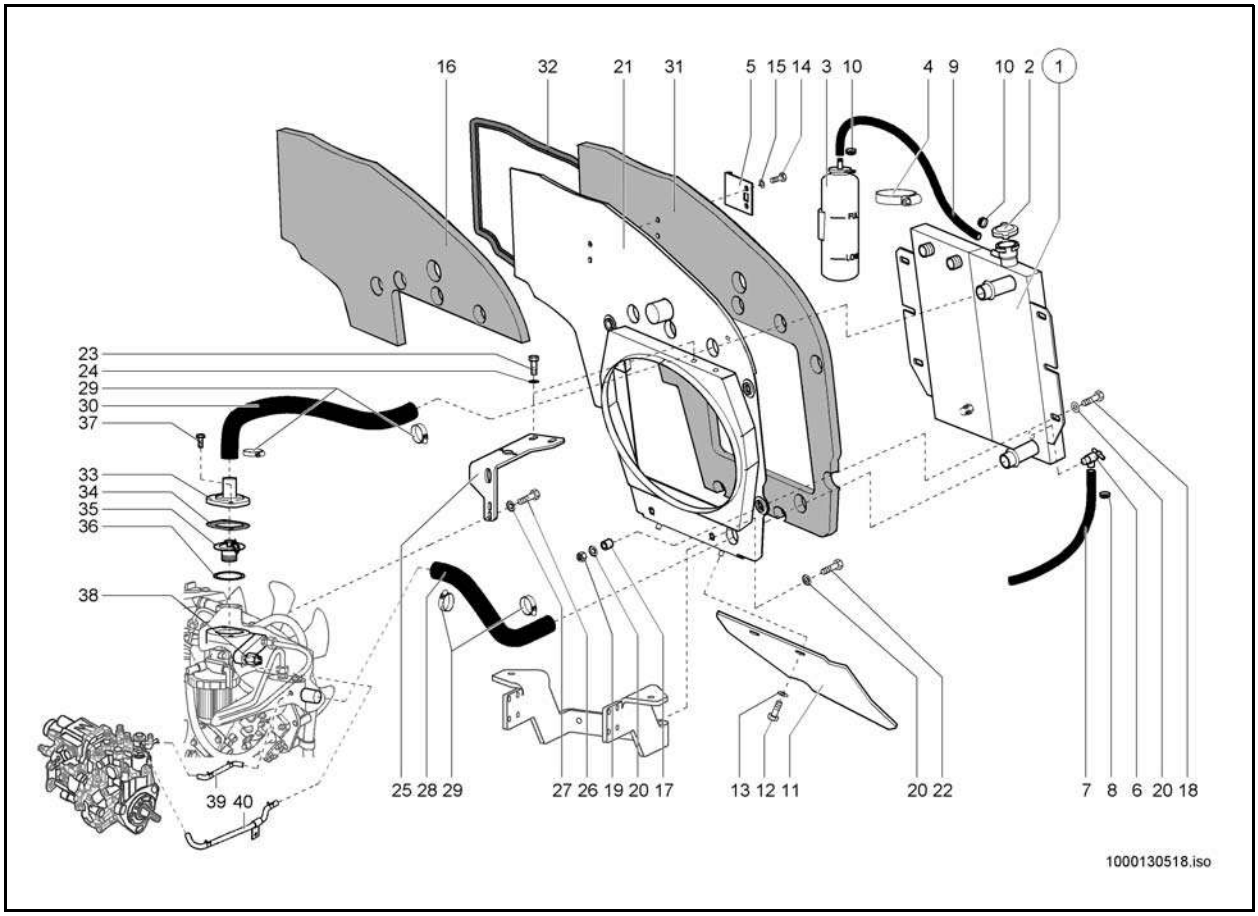
280 - RADIATOR
1000130518



Ref. No.	Part No.	Description	Qty.
1	209307	RADIATOR	1
2	209615	LOCK COVER/RADIATOR	1
3	209909	RESERVOIR	1
4	209611	CLAMP	1
5	425-36152	BRACKET	1
6	7807551022	VALVE	1
7	206667	HOSE (1.00M)	1
8	209229	CLAMP	1
9	205619	HOSE D 8X3 (1.00M)	1
10	0009937550	CLAMP	2
11	209306	COVER PLATE	1
12	656093	CS M8-1.25X16 C8.8 ZY	2
13	7462680011	WASHER	2
14	656093	CS M8-1.25X16 C8.8 ZY	2
15	163634	FLATWASHER	2
16	209725	INSULATING MAT	1
17	204977	BEARING	4
18	205628	HEX SCREW	4
19	651448	LN INS M10-1.5 C8 ZY	4
20	7462680014	WASHER 10.5 B	12

Ref. No.	Part No.	Description	Qty.
21	209878	SEPARATING SHEET	1
22	656006	CS M10X20	2
23	177648	HEX SCREW	2
24	7462680011	WASHER 8.4 ST A2C	2
25	209305	BRACKET	1
26	177648	HEX SCREW	2
27	7462680011	WASHER 8.4 ST A2C	2
28	209304	PRESHAPED TUBE	1
29	0009934029	CLAMP	2
30	209242	PRESHAPED TUBE	1
31	209347	INSULATING MAT	1
32	206044	PROFILE (1.00M)	1
33	209910	BOX COVER	1
34	209558	SEAL	1
35	209911	THERMOSTAT	1
36	209531	O-RING	1
37	209912	SCREW	2
38	209532	TEMPERATURE SENSOR	1
39	209976	PIPE LINE	1
40	209975	PIPE LINE	1

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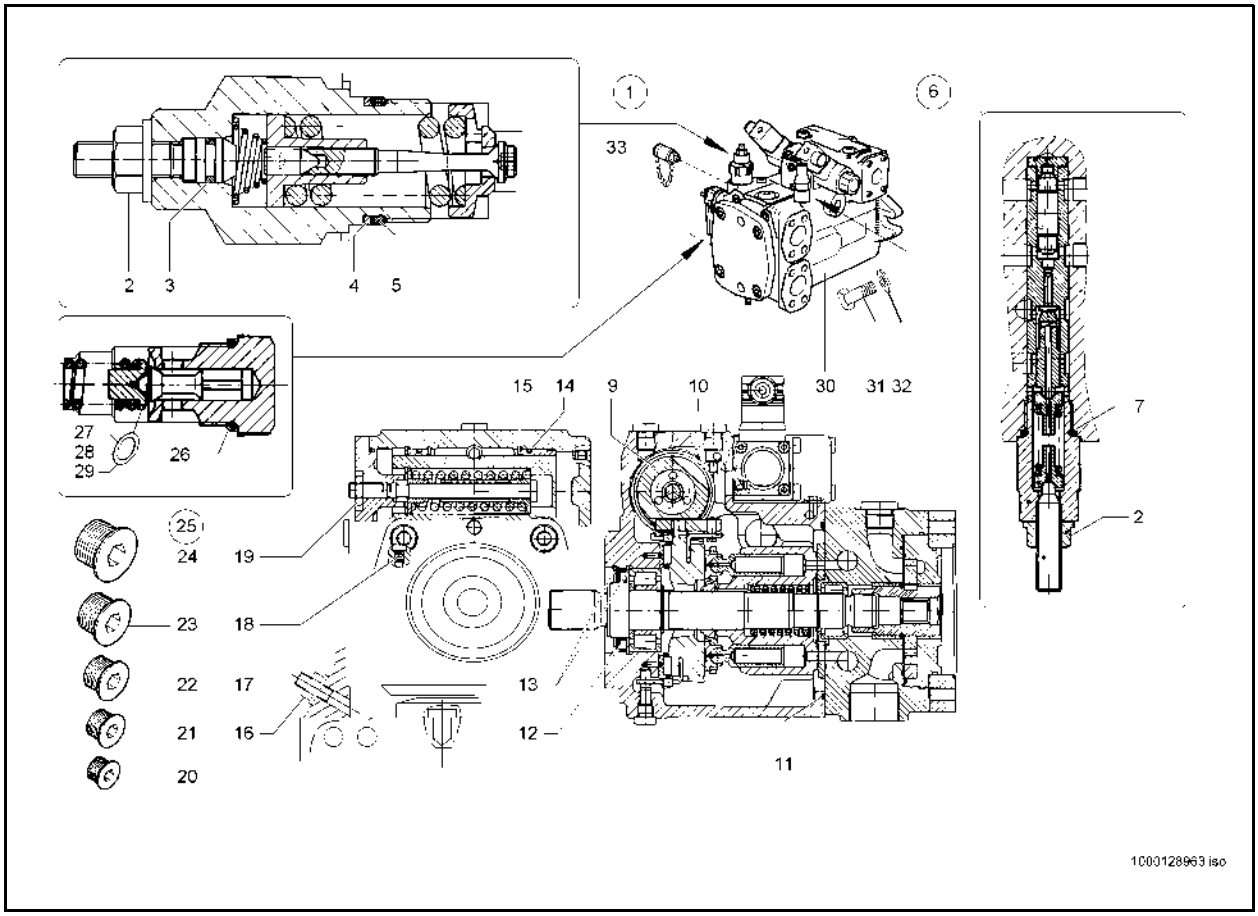

Ref. No.	Part No.	Description	Qty.
1	209562	PRESSURE LIMIT RELIEF VALVE	2
2	0000805219	SEAL-LOCK COLLAR NUT M8 22NM	3
3	0000805218	O-RING 6.07X1.78	2
4	0000805220	PROP RING 20.1X1.4	2
5	0000805217	PROP RING 20.1X1.4	2
6	0000805216	VALVE	1
7	0000805221	O-RING 12.37X2.62	1
9	209593	DISPLACEMENT	1
10	209552	NOZZLE	1
11	209537	O-RING	1
12	209601	SHAFT SEAL	1
13	0000805210	LOCK RING	2
14	209538	RING	2
15	209524	RING	2
16	209544	LODGING NUT	1
17	209625	SCREW	1

Ref. No.	Part No.	Description	Qty.
18	209551	NOZZLE	1
19	209565	HEXAGON NUT	1
20	209595	LOCK SCREW M22X1.5	1
21	209598	LOCK SCREW M18X1.5	1
22	209596	LOCK SCREW M14X1.5	1
23	209597	LOCK SCREW M12X1.5	3
24	209614	LOCK SCREW M10X1.5	1
25	0000808864	PRESSURE RELIEF VALVE	1
26	0000808873	O-RING	1
27	7464680087	SHIM RING 10X16X1	AR
28	7464680083	SHIM RING 10X16X0.5	AR
29	7464680140	SHIM RING 10X16X0.3	AR
30	209208	DISPLACEMENT PUMP	1
31	7236677952	HEX SCREW M14X35-8.8 A2C	2
32	7458680012	WASHER	2
33	0003635664	TEST CONNECTION M12X1.5 A3C	2

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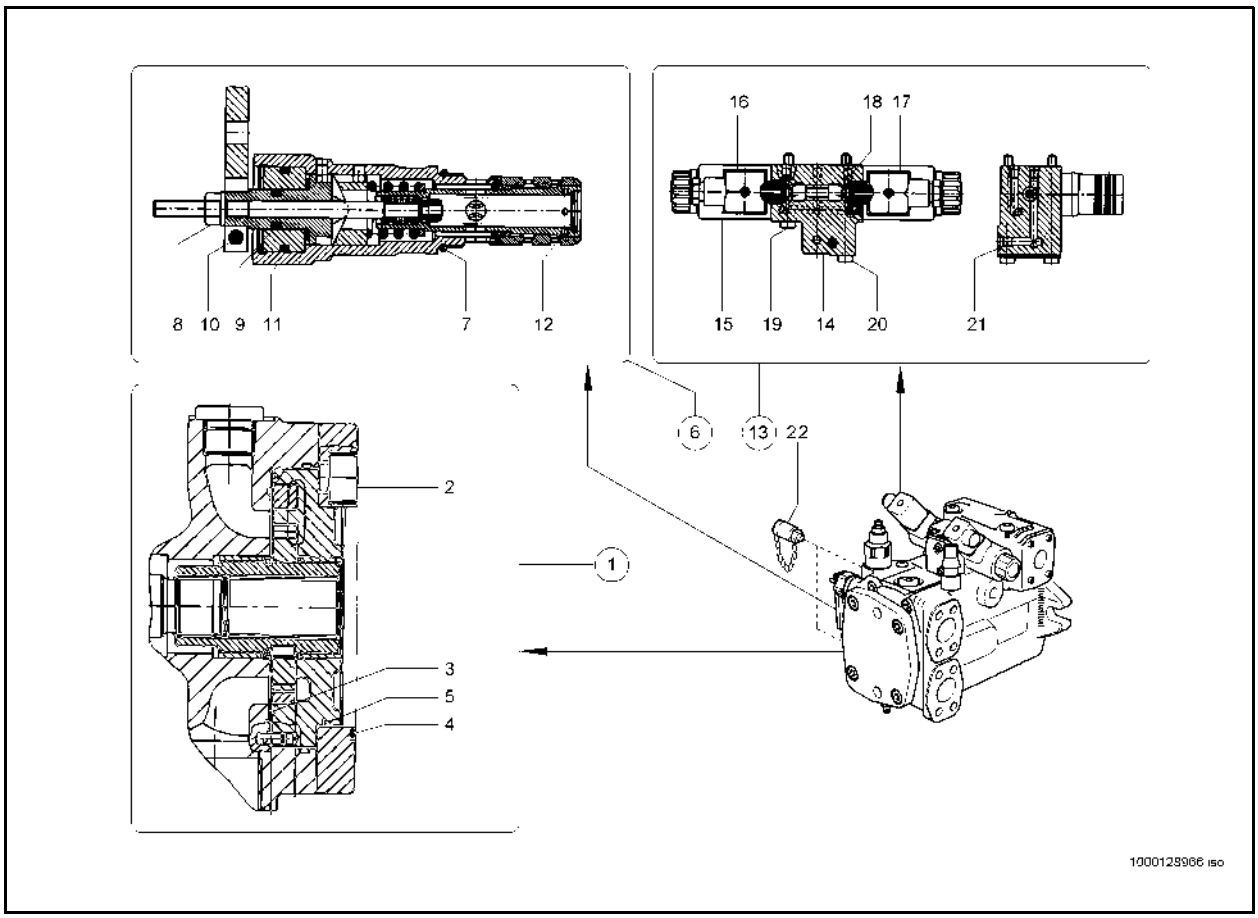
280 - VARIABLE DISPLACEMENT PUMP (CONT.)
1000128966



Ref. No.	Part No.	Description	Qty.
1	209814	INTERNAL GEAR PUMP	1
2	209585	SHCS	4
3	0000802127	SEAL RING	2
4	209815	SEAL RING	1
5	209937	O-RING	1
6	209816	CONTROL CARTRIDGE	1
7	0000805217	O-RING 23.47X2.62	1
8	0000805233	SEAL-LOCK NUT M6 10 NM	1
9	0000805235	O-RING 9.19X2.62	1
10	651505	SHCS M5-0.8X20 C8.8 ZY	1
11	209938	O-RING	1

Ref. No.	Part No.	Description	Qty.
12	209939	GUARD	1
13	209600	DRIVE VALVE	1
14	209940	HOUSING	1
15	0000809137	SOLENOID	2
16	0000802096	QUICK LOCK COUPLING	1
17	0000802083	QUICK LOCK COUPLING	1
18	209560	SEAL	1
19	7252677038	SHCS M6X45-8.8 A2C	3
20	7252677580	SHCS M6X70-8.8 A2C	2
21	0000807612	O-RING	1
22	0003635664	TEST CONNECTION M12X1.5 A3C	2

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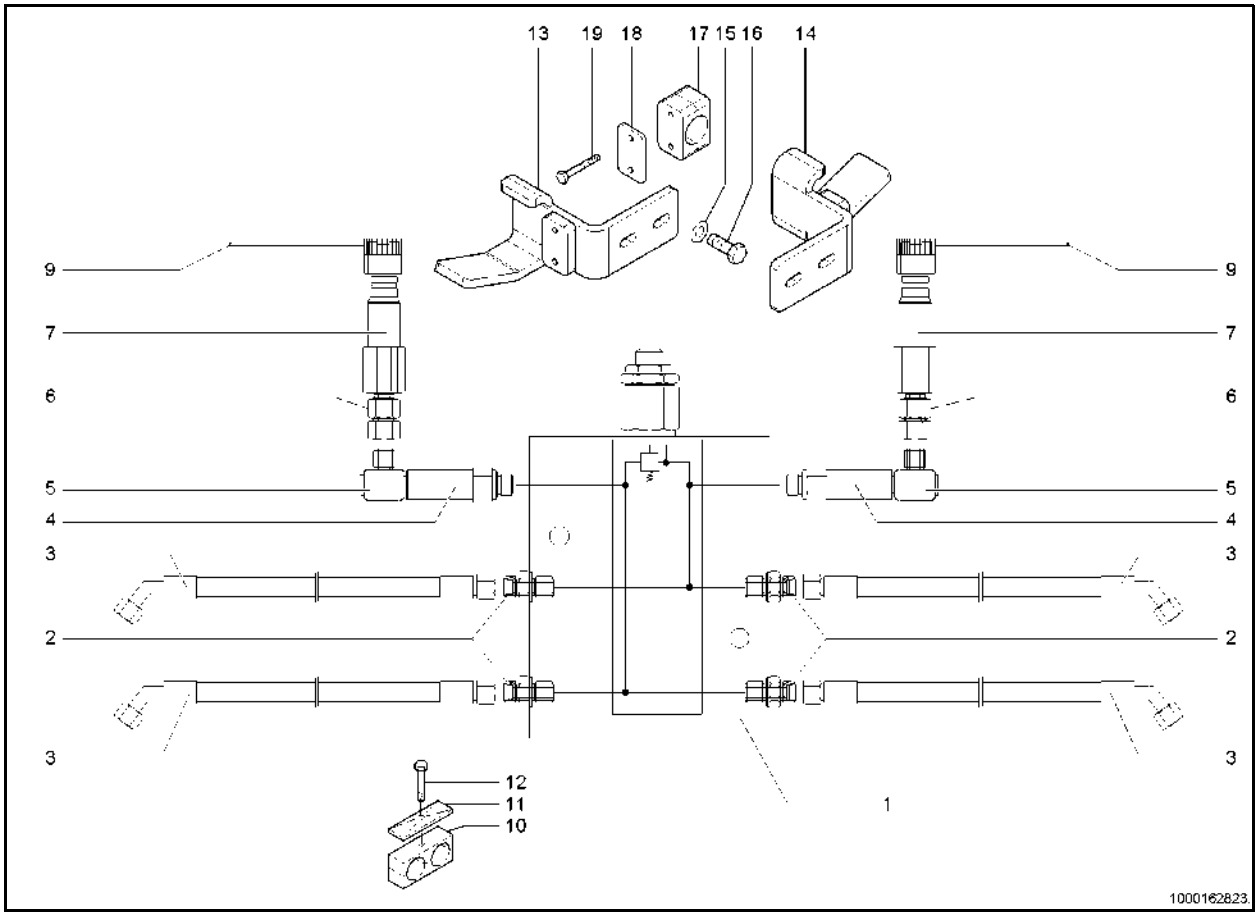
280 - PRESSURE LIMIT RELIEF VALVE HYDRAULICS
1000162823



Ref. No.	Part No.	Description	Qty.
1	209473	PRESSURE LIMIT RELIEF VALVE	1
2	161436	SCREW JOINT	4
3	209962	HP HOSE	4
4	203252	SCREW JOINT	2
5	203250	SCREW JOINT	2
6	209756	SCREW JOINT	2
7	209882	QUICK LOCK COUPLING	2
9	0009961952	DUST CAP BG 2	2
10	0009933050	CLAMP 2D 18/18 PP	2

Ref. No.	Part No.	Description	Qty.
11	0009930585	COVER PLATE GD 2 D	2
12	656002	CS M8-1.25X35 C8.8 ZY	2
13	203255	LIMIT STOP	1
14	203254	LIMIT STOP	1
15	7462680014	WASHER B10.5	4
16	656006	CS M10-1.5X20 C8.8 ZY	4
17	203249	CLAMP	2
18	0009933185	COVER PLATE BAUGRO E 3	2
19	162028	SCREW	4

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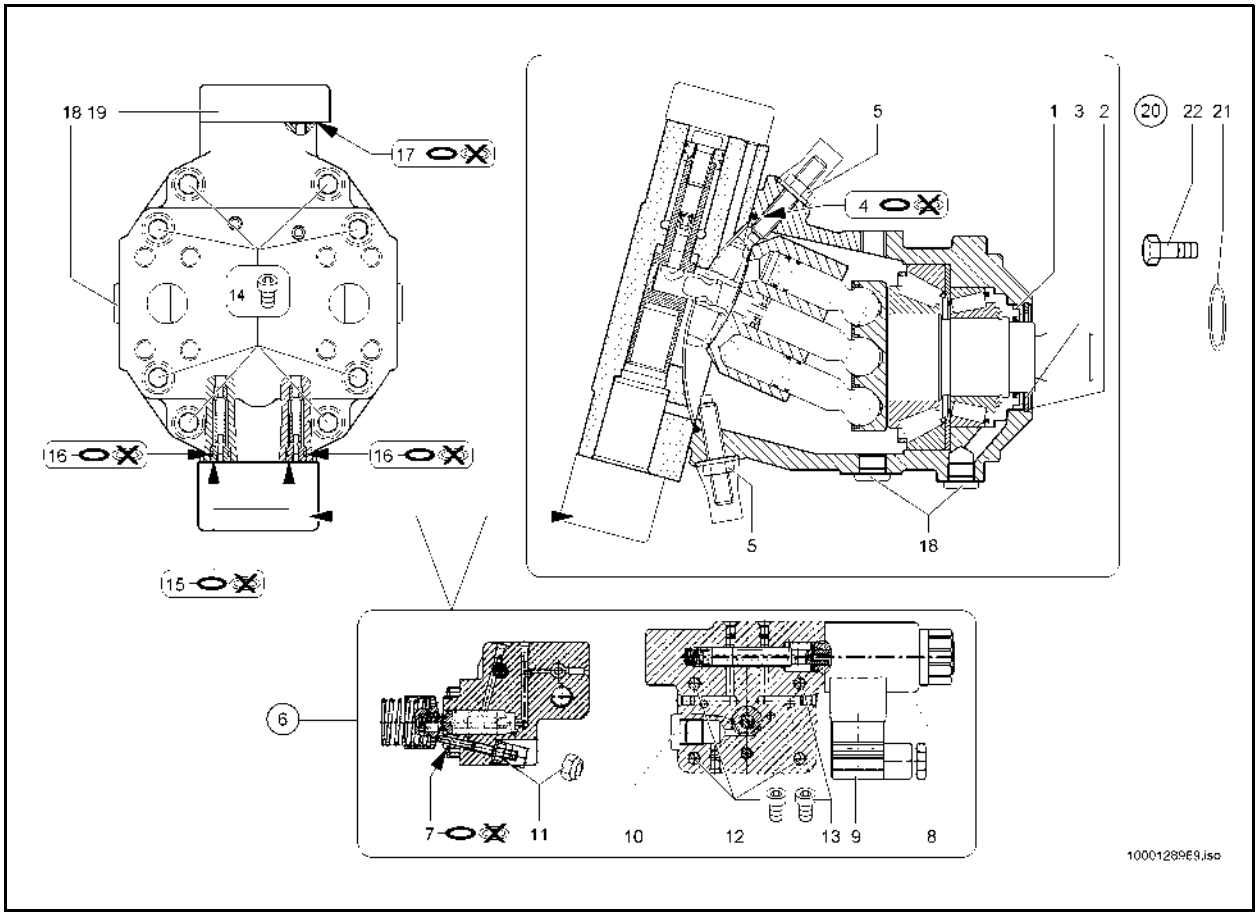
280 - HYDRAULIC MOTOR
1000128969



Ref. No.	Part No.	Description	Qty.
1	209960	ROTARY SHAFT SEAL	1
2	203249	LOCK RING	1
3	209817	SUPPORT DISC	1
4	209490	O-RING	1
5	209491	SCREW	2
6	0000809239	CONTROL UNIT	1
7	209500	O-RING	1
8	0000809137	SOLENOID	2
9	0000802083	QUICK LOCK COUPLING	2
10	0000807608	SCREW PLUG	2
11	0000805233	SEAL LOCK NUT	1

Ref. No.	Part No.	Description	Qty.
12	651511	SHCS M6-1X50 C8.8 ZY	3
13	7252677618	SHCS M 6X80-8.8 A2C	1
14	209589	SHCS	8
15	0009969870	O-RING 5.28X1.78	2
16	0009968870	O-RING 9.25X1.78	2
17	0009968070	O-RING 7.65X1.78	6
18	0000807610	SCREW PLUG	3
19	209594	VALVE	1
20	209203	HYDRAULIC MOTOR COMPLETE	1
21	209472	O-RING	1
22	0009959068	SCREW M12X40-8.8 A3C	4

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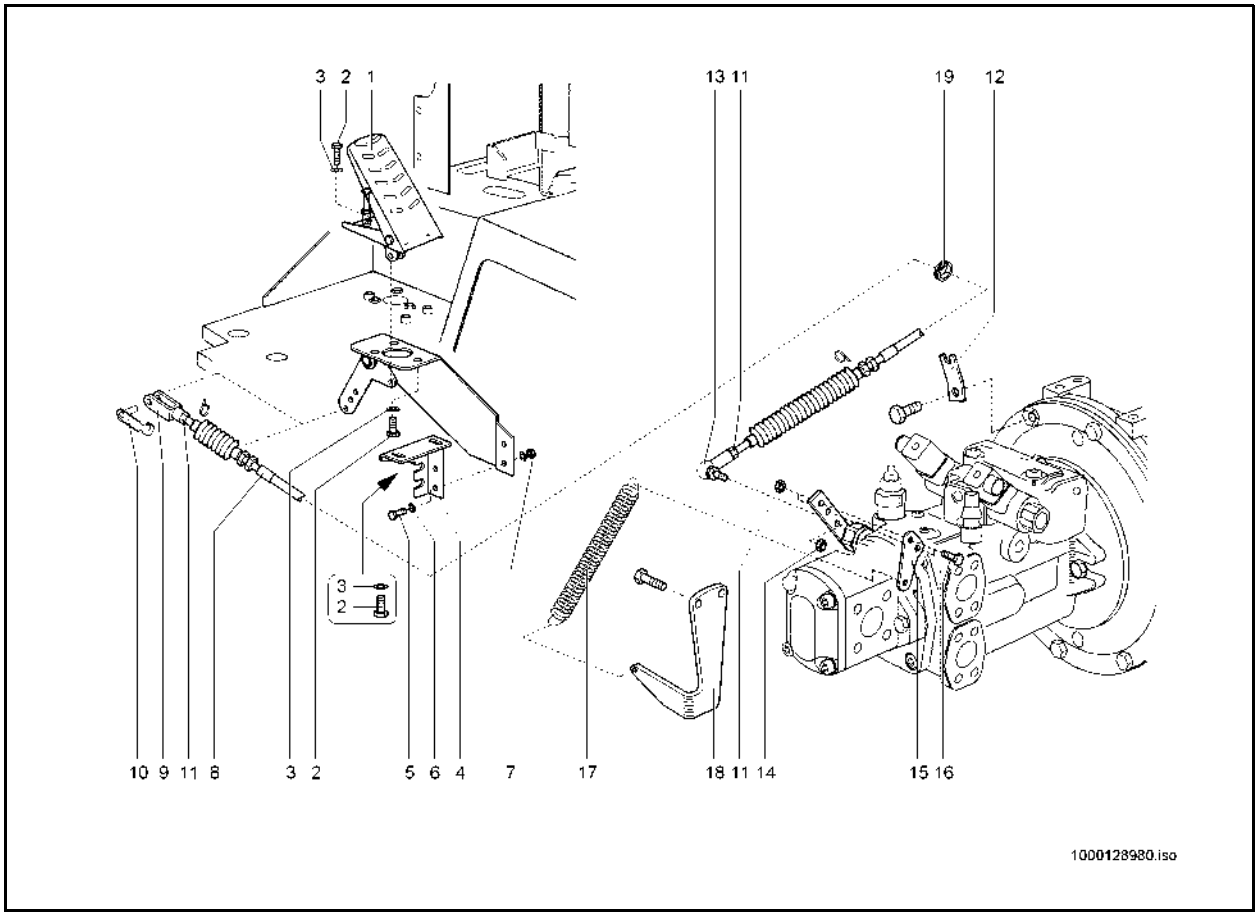

Ref. No.	Part No.	Description	Qty.
1	209243	PEDAL	1
2	656092	CS M6-1X12 C8.8 ZY	8
3	7462680008	WASHER	8
4	209316	BRACKET	1
5	651521	CS M5-0.8X16 C8.8 ZY	2
6	161665	WASHER/GR A 5.3	2
7	651456	LN INS M5-0.8 C8 ZY	2
8	209317	CABLE	1
9	7821104306	CLEVIS	1
10	0009908115	SPRING CLIP PIN	1

Ref. No.	Part No.	Description	Qty.
11	656047	HN M6-1 C8 ZY	4
12	209244	BRACKET	1
13	209233	BALL AND SOCKET	1
14	7405677005	HEX NUT M8-8 A2C	1
15	209718	BRACKET	1
16	651424	CS M6-1X20 C8.8 ZY	2
17	209488	SPRING	1
18	209719	BRACKET	1
19	0009963042	DUCT RING 17X45X14	1

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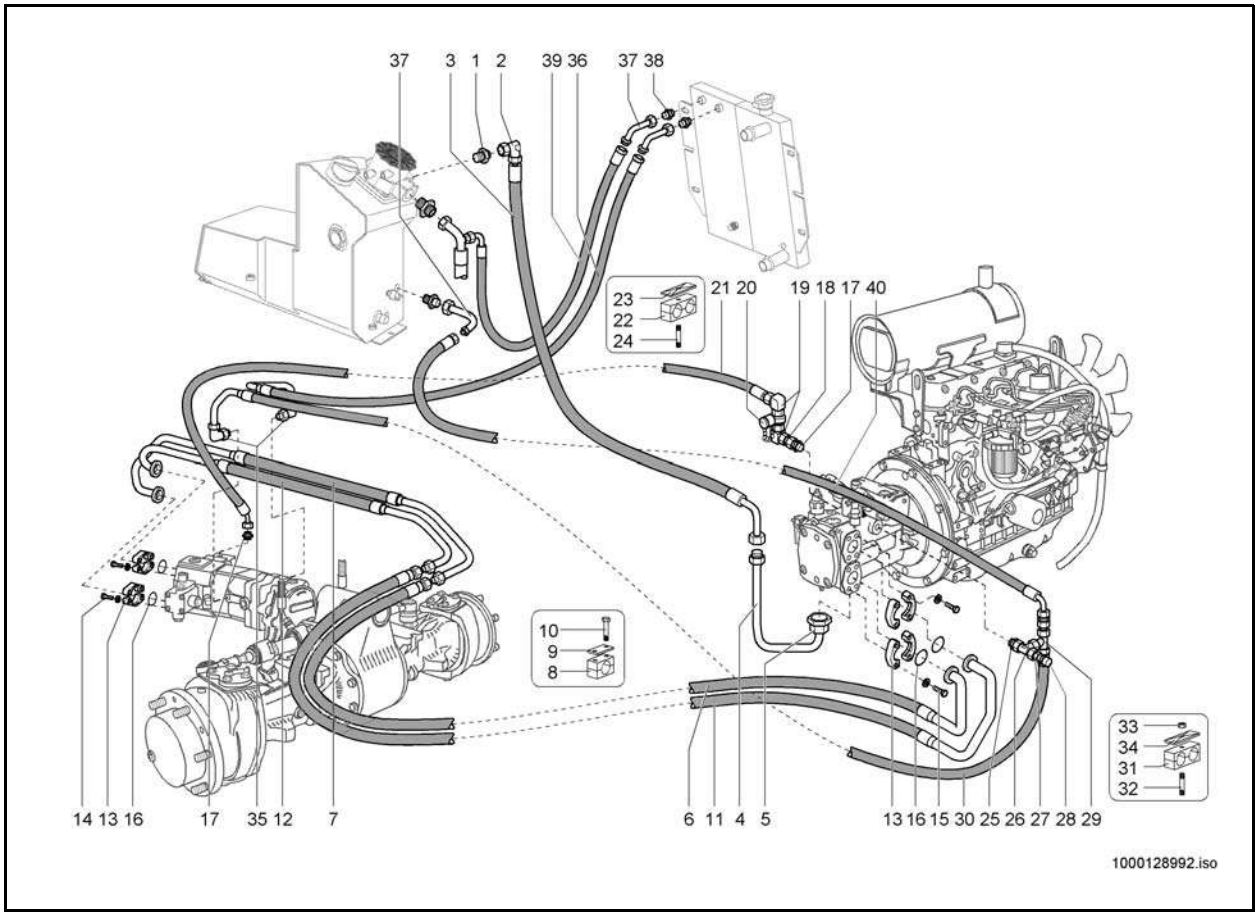
280 - HYDRAULIC CIRCUIT
1000128992



Ref. No.	Part No.	Description	Qty.
1	0003632162	SCREW CONN. GE 18 LR R1 E A3C	1
2	161447	90º FITTING	1
3	209439	HP HOSE	1
4	209360	PIPE LINE	1
5	0003632165	SCREW CONNECTION	1
6	209430	HP HOSE	1
7	209432	HP HOSE	1
8	0009938350	CLAMP	2
9	0009933185	COVER PLATE	2
10	165939	SCREW	4
11	209431	HP HOSE	1
12	209433	HP HOSE	1
13	0003638848	FLANGE HALF 3/4	8
14	651476	SHCS HS M10-1.25X35 F10.9 ZY	8
15	651397	CS M10-1.5X35 C8.8 ZY	8
16	0009967408	O-RING 25X3.53	4
17	164949	SCREW JOINT	2
18	209479	SCREW JOINT	1
19	161444	90º FITTING	2
20	0003636621	TEST CONNECTION	1

Ref. No.	Part No.	Description	Qty.
21	209218	HP HOSE	1
22	209466	CLAMP	3
23	0009930585	COVER PLATE GD 2 D	3
24	7397677090	STUD BOLT	3
25	0003630566	SCREW CONNECTION	1
26	0003636716	SCREW CONNECTION	1
27	0003632383	REDUCER	1
28	0003618484	DRAIN COUPLING	1
29	161467	TEE	1
30	209434	HP HOSE	1
31	0009933150	CLAMP	3
32	7397677086	STUD BOLT M8X55-8.8 A2C	2
33	7405677005	HEX NUT M8-8 A2C	2
34	0009930685	COVER PLATE GD 3 D	2
35	0003639069	SCREW CONNECTION	2
36	209429	HP HOSE	1
37	0383600083	CONNECTION PIECE	2
38	0003630315	SCREW CONNECTION	2
39	209435	HP HOSE	1
40	209428	HP HOSE	1

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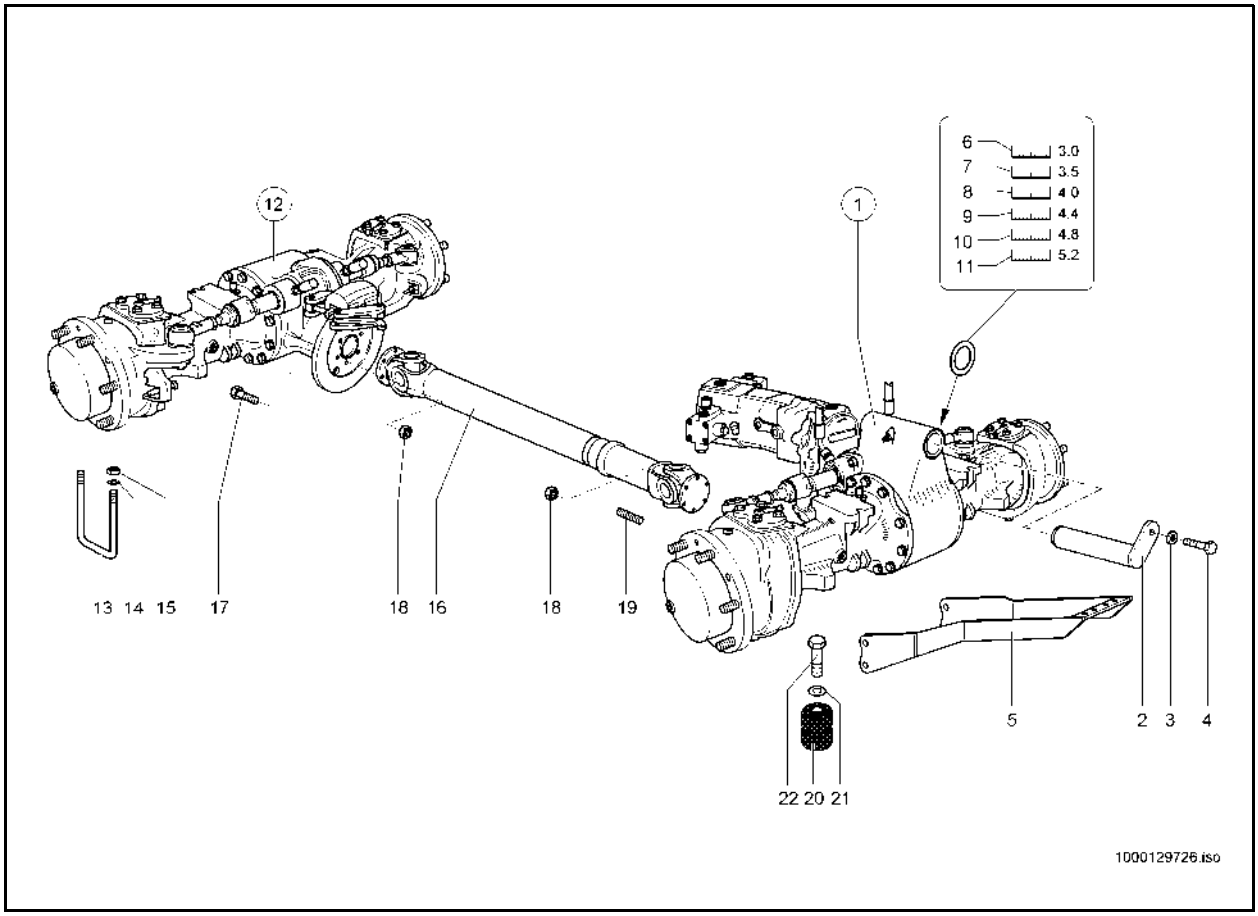

Ref. No.	Part No.	Description	Qty.
1	209322	REAR AXLE	1
2	209247	PIN	1
3	1394160050	BUSHING	1
4	7236677942	HEX SCREW M12X35-8.8 A2C	1
5	209263	BRACKET	1
6	1009972920	SHIM - 3.0 MM	AR
7	209507	SHIM - 3.5 MM	AR
8	1009973020	SHIM - 4.0 MM	AR
9	209727	SHIM - 4.4 MM	AR
10	209728	SHIM - 4.8 MM	AR
11	209729	SHIM - 5.2 MM	AR

Ref. No.	Part No.	Description	Qty.
12	209321	FRONT AXLE	1
13	209323	U-BOLT	2
14	209293	SPACER	4
15	209724	HEX NUT	4
16	209898	DRIVE SHAFT	1
17	209282	HEX SCREW	6
18	7409678206	HEX NUT M8-10 V A2C	12
19	7397678076	STUD BOLT M8X18-10.9	6
20	209228	MOUNT	2
21	656008	CS M10-1.5X30 C8.8 ZY	2
22	7462680014	WASHER B10.5	2

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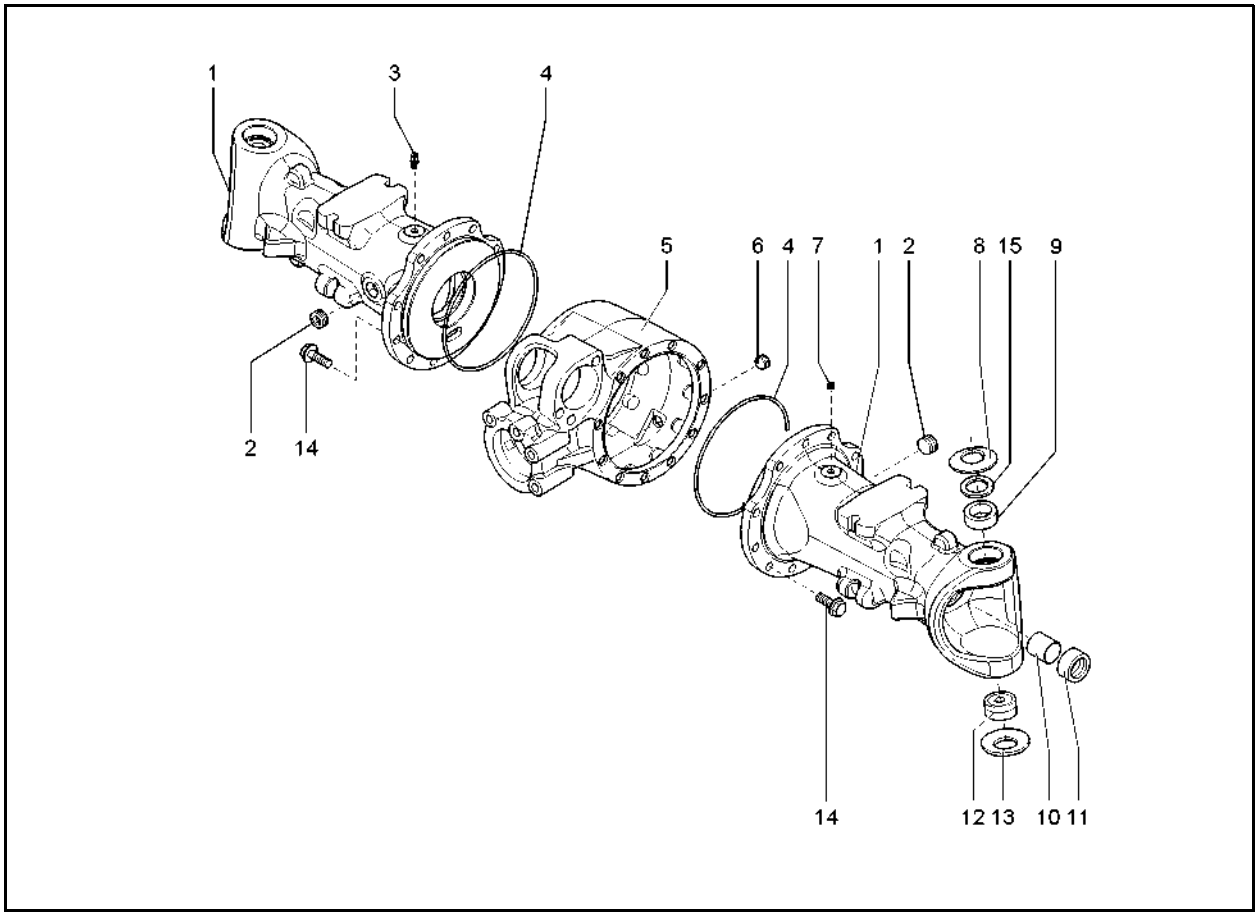
280 - FRONT AXLE
1000177203



Ref. No.	Part No.	Description	Qty.
1	209761	AXLE CARRIER	2
2	209762	LOCK SCREW	2
3	0000808583	BREATHER M10X1	1
4	209583	O-RING	2
5	209575	BOX COVER	1
6	209588	LOCK SCREW	1
7	163859	SCREW	1
8	209569	SPRING RING	2

Ref. No.	Part No.	Description	Qty.
9	209880	SCREW CONNECTIONS 15 LM	2
10	209556	BUSHING	2
11	209604	LOCK RING	2
12	209638	BEARING	2
13	209570	SPRING RING	2
14	0000808637	SCREW M12X33	22
15	209764	SHIM	AR

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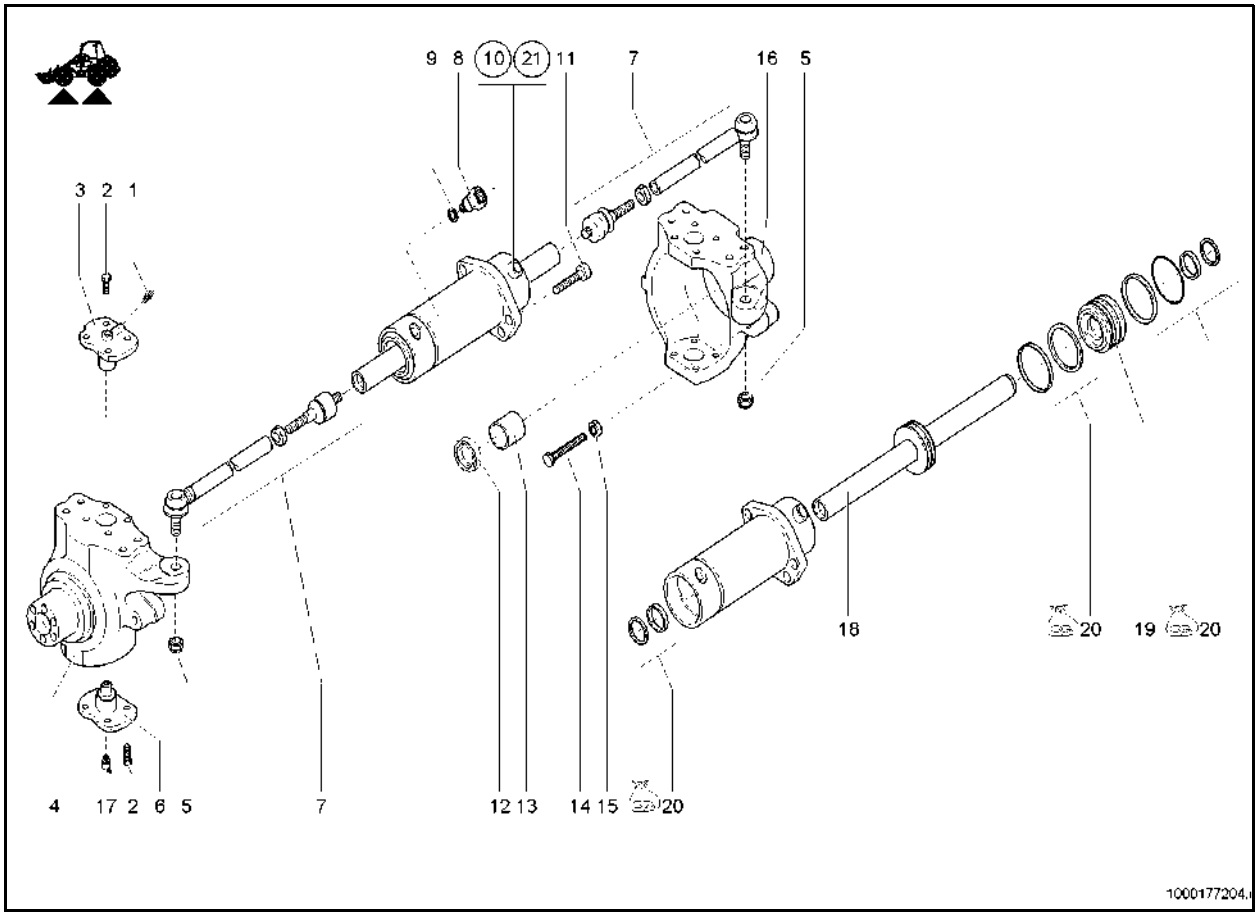

Ref. No.	Part No.	Description	Qty.
1	0000808523	GREASE ZERK	2
2	209765	HEX SCREW	16
3	209509	PIN	2
4	209767	PLANETARY CARRIER	1
5	209639	NUT	2
6	209647	PIN	2
7	209766	PIVOT HEAD	2
8	209592	SCREW JOINT	1
9	209768	SEAL RING	1
10	209769	STEERING CYLINDER (SN 341020480 AND BEFORE)	1
11	209607	SCREW	3

Ref. No.	Part No.	Description	Qty.
12	0000808593	SEAL RING	2
13	0000808597	BUSHING	2
14	209540	LIMIT STOP SCREW	2
15	209510	HEXAGON NUT	2
16	209771	PLANETARY CARRIER	1
17	209772	GREASE ZERK	2
18	209770	PISTON ROD	1
19	209535	PISTON	1
20	209550	SEAL KIT	1
21	203258	STEERING CYLINDER (SN 341020481 AND UP)	1

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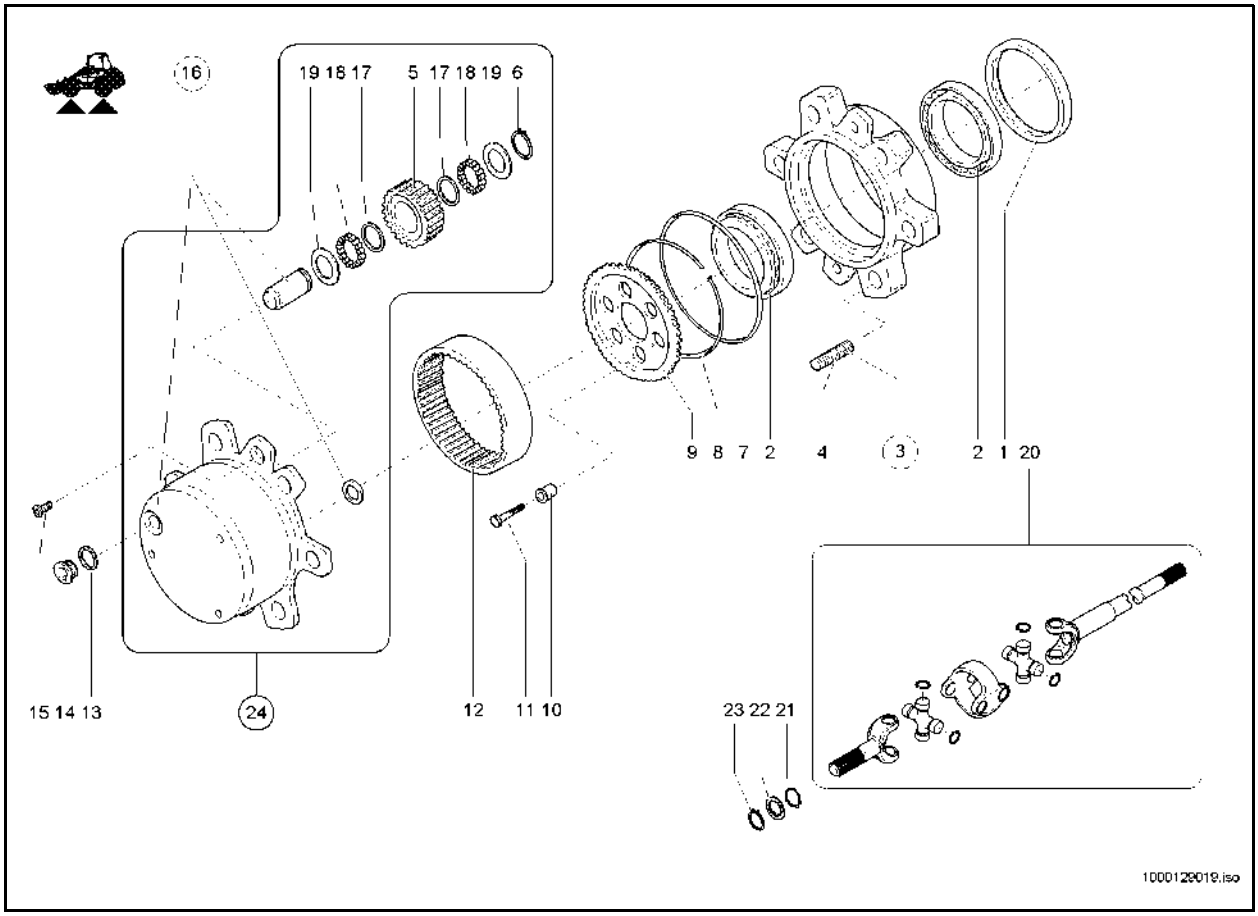
280 - WHEEL HUB (FRONT AND REAR AXLE)
1000129019



Ref. No.	Part No.	Description	Qty.
1	0000809316	ROTARY SHAFT SEAL	2
2	209788	BEARING	4
3	209789	HOUSING	2
4	209790	THREAD BOLT	12
5	209791	GEAR	6
6	209792	LOCK RING	6
7	209793	O-RING	2
8	209794	RING	2
9	209795	GEAR	2
10	209796	BUSHING	8
11	209797	SCREW	8
12	209798	GEAR	2

Ref. No.	Part No.	Description	Qty.
13	209799	SEAL RING	2
14	209800	LOCK SCREW	2
15	7236678131	HEX SCREW M8X20-10.9 A2C	4
16	209801	PLANETARY CARRIER	2
17	209802	SPACER	12
18	209803	NEEDLE BEARING	62
19	209804	PRESSURE PLATE	12
20	209784	DRIVE SHAFT	2
21	209785	SPACER	2
22	209786	SPACER	2
23	209787	LOCK RING	2
24	203259	PLANETARY CARRIER	2

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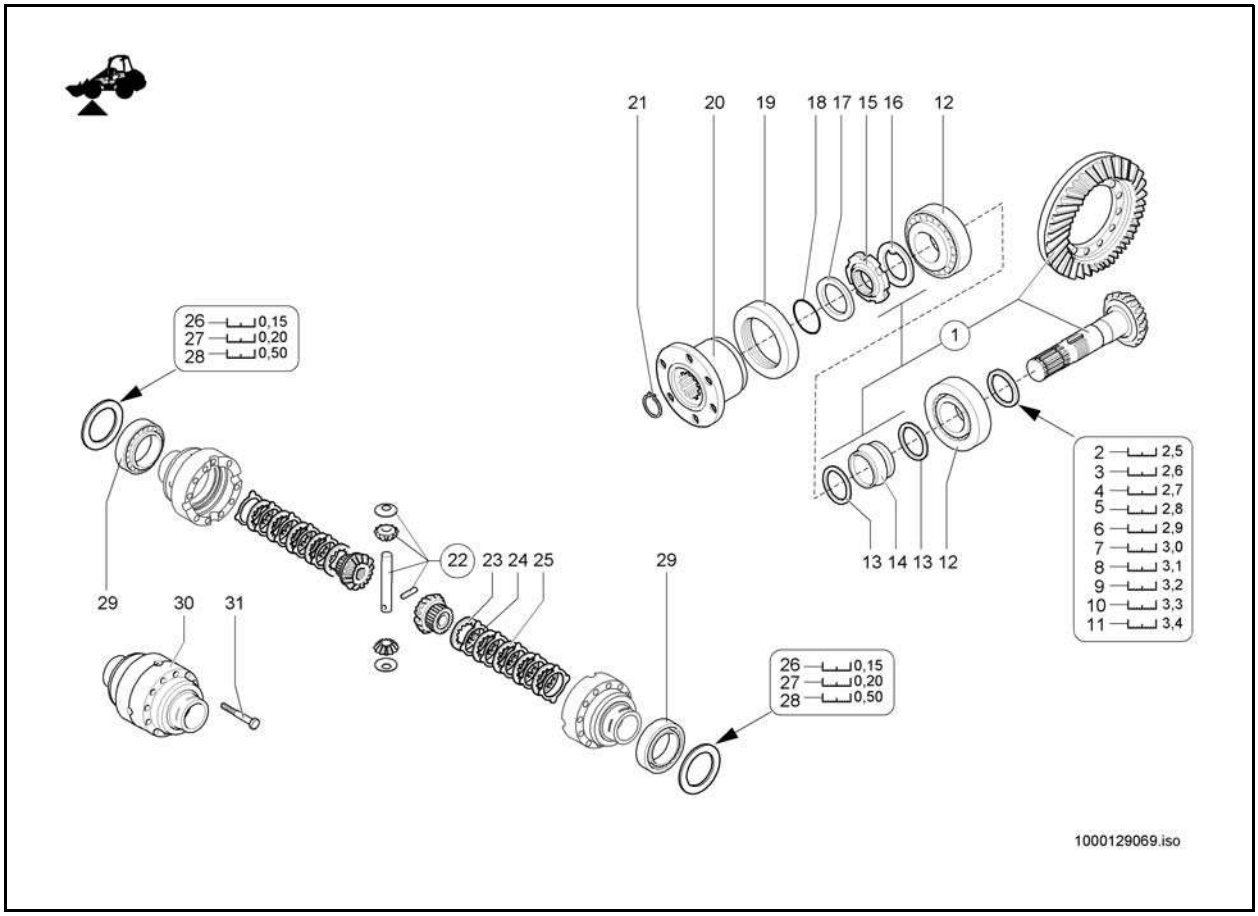

Ref. No.	Part No.	Description	Qty.
1	209773	ANGLE DRIVE	1
2	209774	SHIM - 2.5 MM	AR
3	209775	SHIM - 2.6 MM	AR
4	209776	SHIM - 2.7 MM	AR
5	209777	SHIM - 2.8 MM	AR
6	209778	SHIM - 2.9 MM	AR
7	209779	SHIM - 3.0 MM	AR
8	209780	SHIM - 3.1 MM	AR
9	209781	SHIM - 3.2 MM	AR
10	209782	SHIM - 3.3 MM	AR
11	209783	SHIM - 3.4 MM	AR
12	209511	BEARING	2
13	209626	SPACER	2
14	209564	BUSHING	1
15	209512	SET NUT	1
16	209628	LOCK PLATE	1

Ref. No.	Part No.	Description	Qty.
17	209627	SPACER	1
18	209536	O-RING	1
19	209629	LOCK RING	1
20	209571	FLANGE	1
21	209630	LOCK RING	1
22	209513	PINION SET	1
23	209514	CLUTCH DISC	2
24	209515	CLUTCH DISC	10
25	209516	CLUTCH DISC	8
26	209566	SHIM - 0.15 MM	AR
27	209567	SHIM - 0.20 MM	AR
28	209568	SHIM - 0.50 MM	AR
29	209542	BEARING	2
30	209577	HOUSING	1
31	0000808623	SCREW M10X75	12

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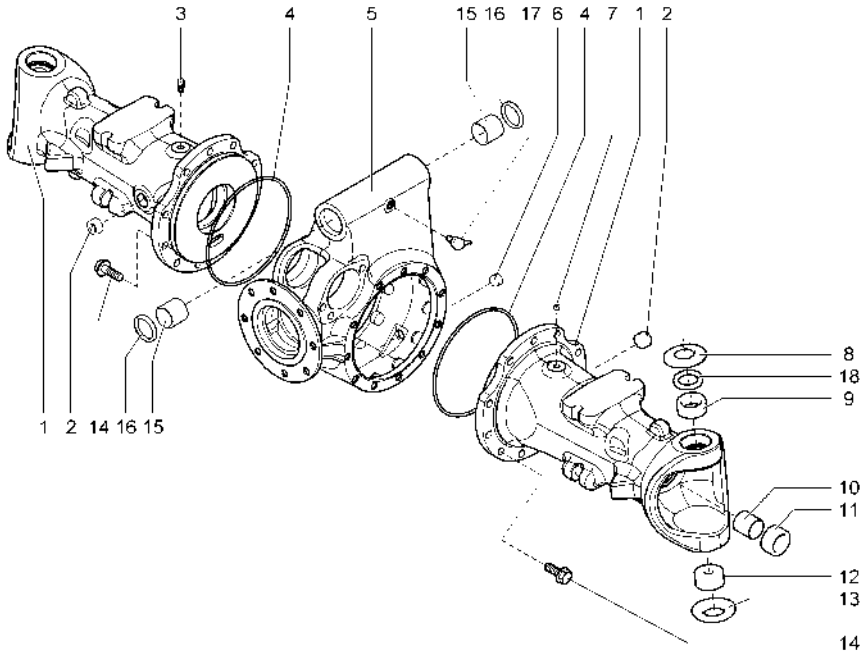
280 - REAR AXLE
1000129070



Ref. No.	Part No.	Description	Qty.
1	209761	AXLE CARRIER	2
2	209762	LOCK SCREW	2
3	0000808583	BREATHER M10X1	1
4	209583	O-RING	2
5	209576	GEAR BOX COVER	1
6	209588	LOCK SCREW	1
7	163859	LOCK SCREW	1
8	209569	SPRING RING	2
9	209763	BUSHING	2

Ref. No.	Part No.	Description	Qty.
10	209556	BUSHING	2
11	209604	LOCK RING	2
12	209638	BEARING	2
13	209570	SPRING RING	2
14	0000808637	SCREW	22
15	209557	BUSHING	2
16	209605	LOCK RING	2
17	209606	GREASE ZERK	1
18	209764	SHIM	AR

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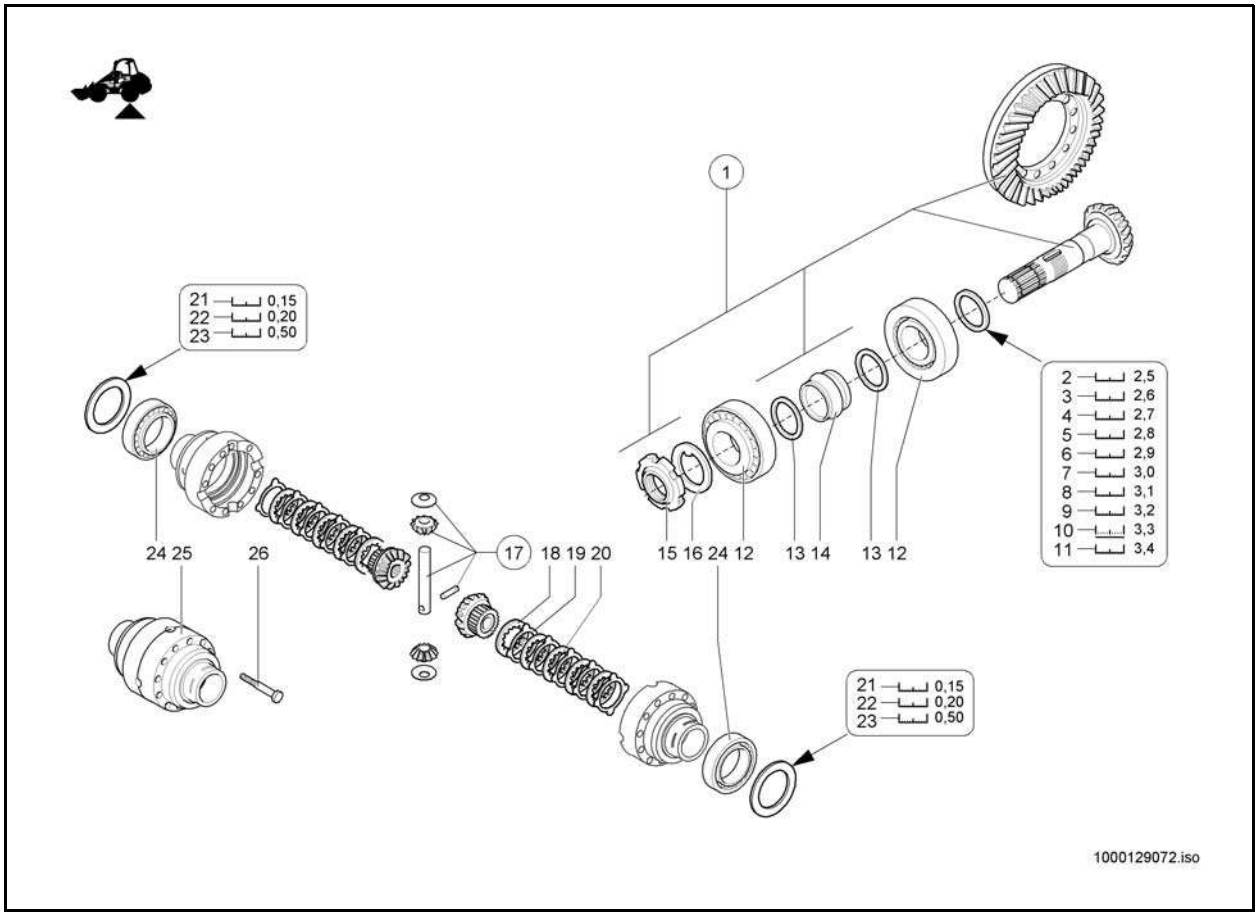

Ref. No.	Part No.	Description	Qty.
1	209805	ANGLE DRIVE	1
2	209774	SHIM - 2.5 MM	AR
3	209775	SHIM - 2.6 MM	AR
4	209776	SHIM - 2.7 MM	AR
5	209777	SHIM - 2.8 MM	AR
6	209778	SHIM - 2.9 MM	AR
7	209779	SHIM - 3.0 MM	AR
8	209780	SHIM - 3.1 MM	AR
9	209781	SHIM - 3.2 MM	AR
10	209782	SHIM - 3.3 MM	AR
11	209783	SHIM - 3.4 MM	AR
12	209511	BEARING	2
13	209626	SPACER	2

Ref. No.	Part No.	Description	Qty.
14	209564	BUSHING	1
15	209512	SET NUT	1
16	209628	LOCK PLATE	1
17	209513	PINION SET	1
18	209514	CLUTCH DISC	2
19	209515	CLUTCH DISC	10
20	209516	CLUTCH DISC	8
21	209566	SHIM - 0.15 MM	AR
22	209567	SHIM - 0.20 MM	AR
23	209568	SHIM - 0.50 MM	AR
24	209542	BEARING	2
25	209577	HOUSING	1
26	0000808623	SCREW M10X75	12

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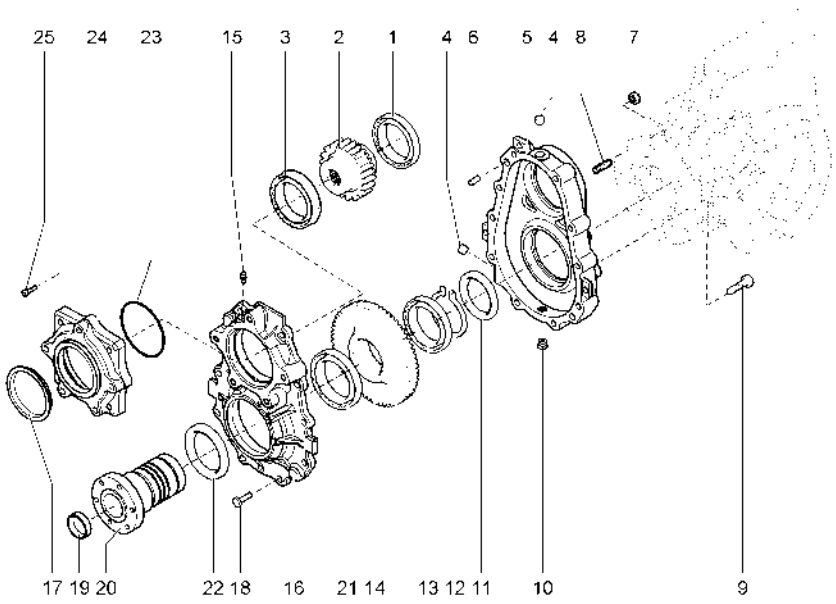
280 - GEAR BOX
1000129083



Ref. No.	Part No.	Description	Qty.
1	0000808531	BEARING	1
2	209806	GEAR	1
3	0000808535	BEARING	1
4	209582	LOCK SCREW	2
5	209578	HOUSING	1
6	0000808577	PIN	2
7	209539	NUT	1
8	209631	STUD BOLT	1
9	209608	SCREW	7
10	209590	LOCK SCREW	1
11	209632	SEAL RING	1
12	7490682065	SNAP RING	1
13	0000808532	BEARING	1

Ref. No.	Part No.	Description	Qty.
14	209517	GEAR	1
15	0000808583	BREATHER M10X1	1
16	209807	FLANGE	1
17	209808	PLUG	1
18	209609	SCREW	10
19	209591	LOCK SCREW	1
20	209599	SHAFT	1
21	209554	BEARING	1
22	209633	SEAL RING	1
23	209809	O-RING	1
24	209810	FLANGE	1
25	0000808498	SCREW	5

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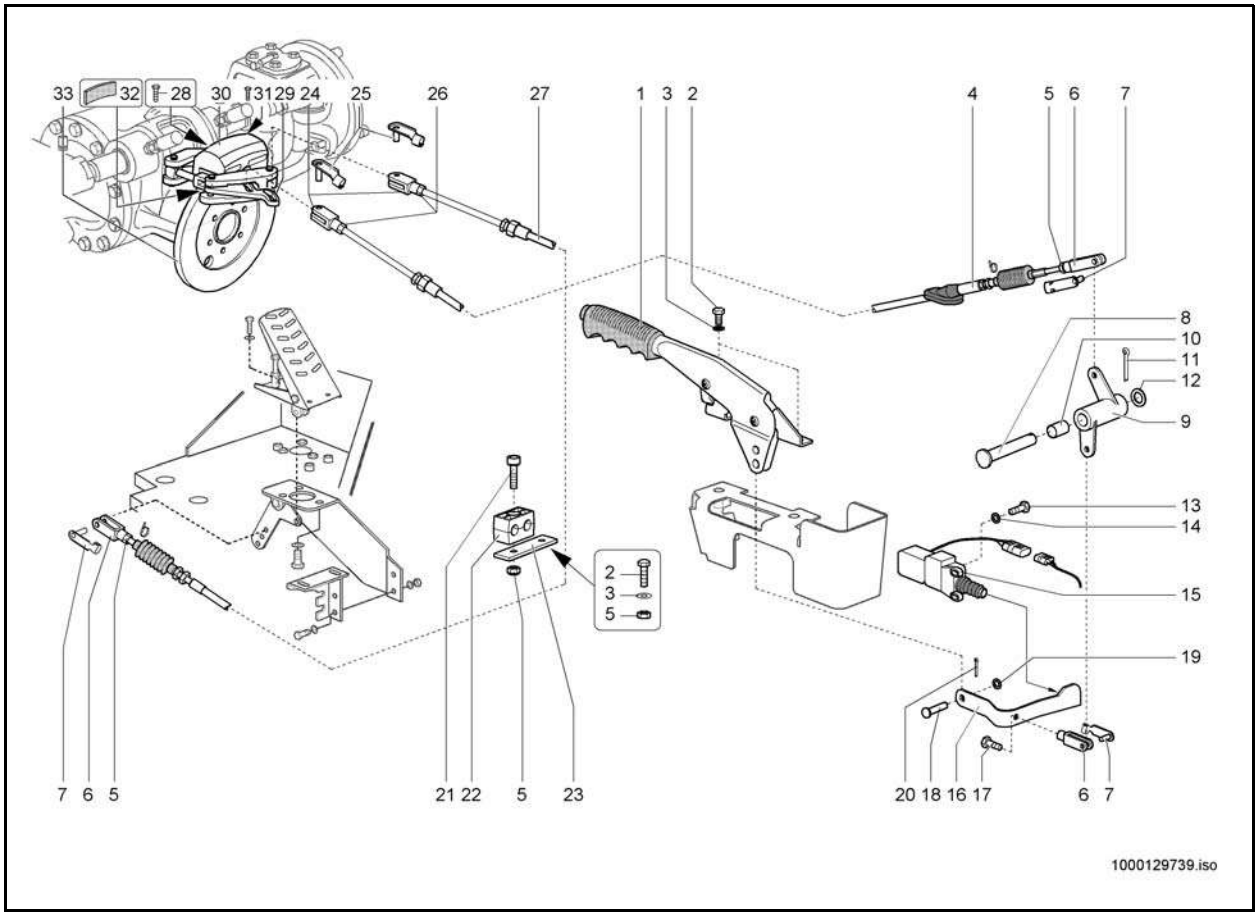

Ref. No.	Part No.	Description	Qty.
1	209245	BRAKE LEVER	1
2	651424	CS M6-1X20 C8.8 ZY	3
3	7451680109	WASHER B6.4-140HV A2C	3
4	209902	CABLE	1
5	651457	LN INS M6-1 C8 ZY	4
6	7821104306	CLEVIS	3
7	0009908115	SPRING CLIP PIN	3
8	209299	PIN	1
9	209734	LEVER	1
10	0009940806	FRICTION BEARING	2
11	7530680039	COTTER PIN 3.2X20	1
12	7451680112	WASHER B10.5-140HV A2C	1
13	207367	SHCS	2
14	7451680107	WASHER B4.3-140HV A2C	2
15	209396	SWITCH	1
16	209246	BRACKET	1
17	7236677079	HEX SCREW M6X16-8.8 A2C	1

Ref. No.	Part No.	Description	Qty.
18	209508	PIN	1
19	163634	FLATWASHER	1
20	7530680028	COTTER PIN 2X16	1
21	7252677036	SHCS M6X35-8.8 A2C	1
22	209467	CLAMP	1
23	209320	BRACKET	1
24	7821104308	CLEVIS	2
25	0009903915	SPRING CLIP PIN 8X32-A3C	2
26	656048	HN M8-1.25 C8 ZY	2
27	209903	CABLE	1
28	7236677945	HEX SCREW M12X50-8.8 A2C	1
29	209319	LEVER	1
30	209846	BRAKE CALIPER	1
31	209610	SCREW	1
32	0000805388	BRAKE PADS	2
33	209543	BRAKE DISC	1

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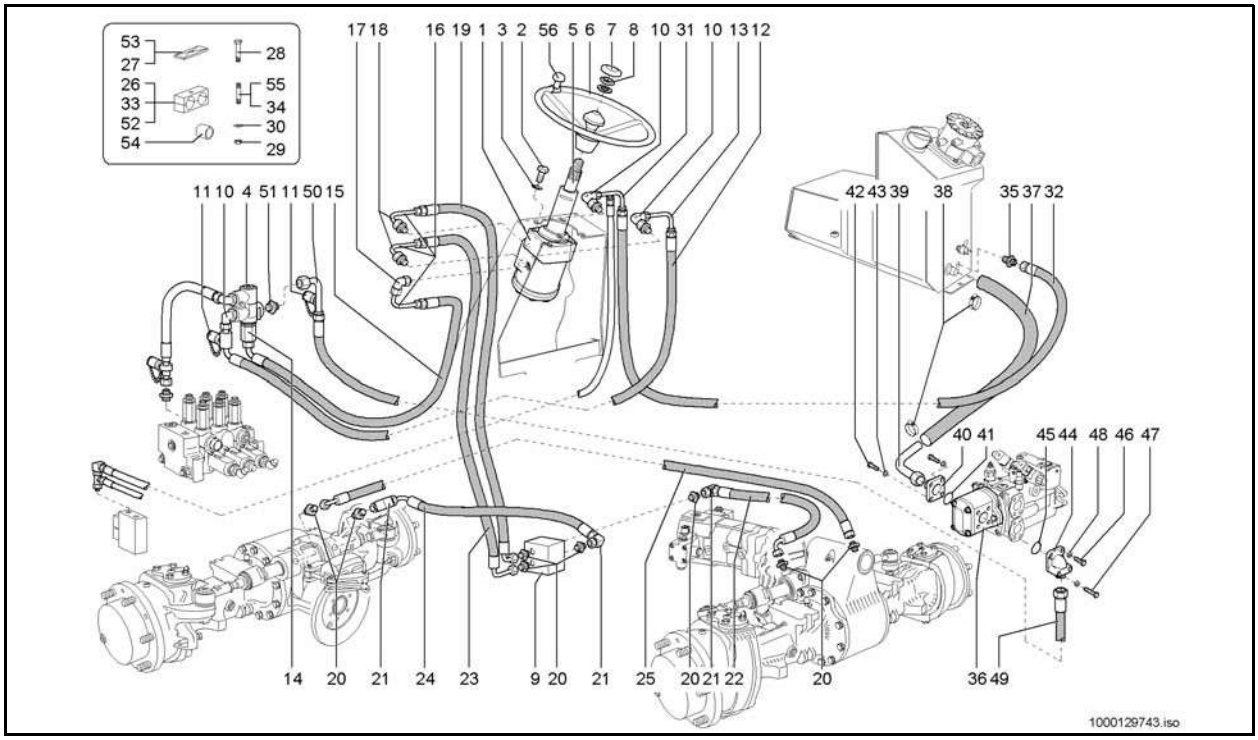
280 - HYDRAULIC INSTALLATION - STEERING
1000129743



Ref. No.	Part No.	Description	Qty.
1	209248	HYDROSTATIC STEERING	1
2	651393	CS M10-1.5X25 C8.8 ZY	4
3	7451680112	WASHER B10.5-140HV A2C	4
4	204703	PRIORITY VALVE	1
5	209324	STEERING COLUMN	1
6	204704	STEERING WHEEL	1
7	0142730003	COVER	1
8	209288	HEXAGON NUT	1
9	0002731881	VALVE BLOCK	1
10	209216	SCREW JOINT	3
11	0003630063	TEST CONNECTION M8X1 A3C	2
12	209413	HP HOSE - 910 MM	1
13	209357	CONNECTION PIECE	1
14	161426	SCREW JOINT	1
15	209414	HP HOSE - 950 MM	1
16	209356	CONNECTION PIECE	3
17	209215	SCREW JOINT	1
18	161430	SCREW JOINT	2
19	209405	HP HOSE - 950 MM	1
20	0003639464	SCREW CONNECTION	8
21	161443	90º FITTING	3
22	209440	HP HOSE - 1130 MM	1
23	209406	HP HOSE - 940 MM	1
24	209941	HP HOSE - 355 MM	1
25	209942	HP HOSE - 1730 MM	1
26	209230	CLAMP	3
27	0009930585	COVER PLATE	6
28	656130	CS M8-1.25X50 C8.8 ZY	3

Ref. No.	Part No.	Description	Qty.
29	7405677005	HEX NUT M8-8 A2C	7
30	163634	FLATWASHER	1
31	209361	CONNECTION PIECE	1
32	209437	HP HOSE - 2430 MM	1
33	0009933050	CLAMP	3
34	209287	PIN SCREW	3
35	0003636649	SCREW JOINT	1
36	209207	HYDRAULIC PUMP	1
37	209646	HOSE	1
38	209584	CLAMP	2
39	209720	HYDRAULIC PIPE	1
40	209214	SCREW CONNECTION	1
41	0009966705	O-RING 24X2.5	1
42	7252678033	SHCS M6X22-10.9 A2C	4
43	0009924928	SPRING WASHER	4
44	0003639121	SCREW CONNNECTION	1
45	0009966006	O-RING 32X2.5	1
46	162672	SCREW	2
47	9901617G	SCREW	2
48	0009925128	SPRING WASHER	4
49	209523	HP HOSE - 3130 MM	1
50	209366	PIPE LINE	1
51	161431	SCREW JOINT	1
52	0009939550	CLAMP	3
53	0009933085	COVER PLATE	3
54	209224	RUBBER RING	3
55	7397677090	STUD BOLT	3
56	0000805413	HANDLE	1

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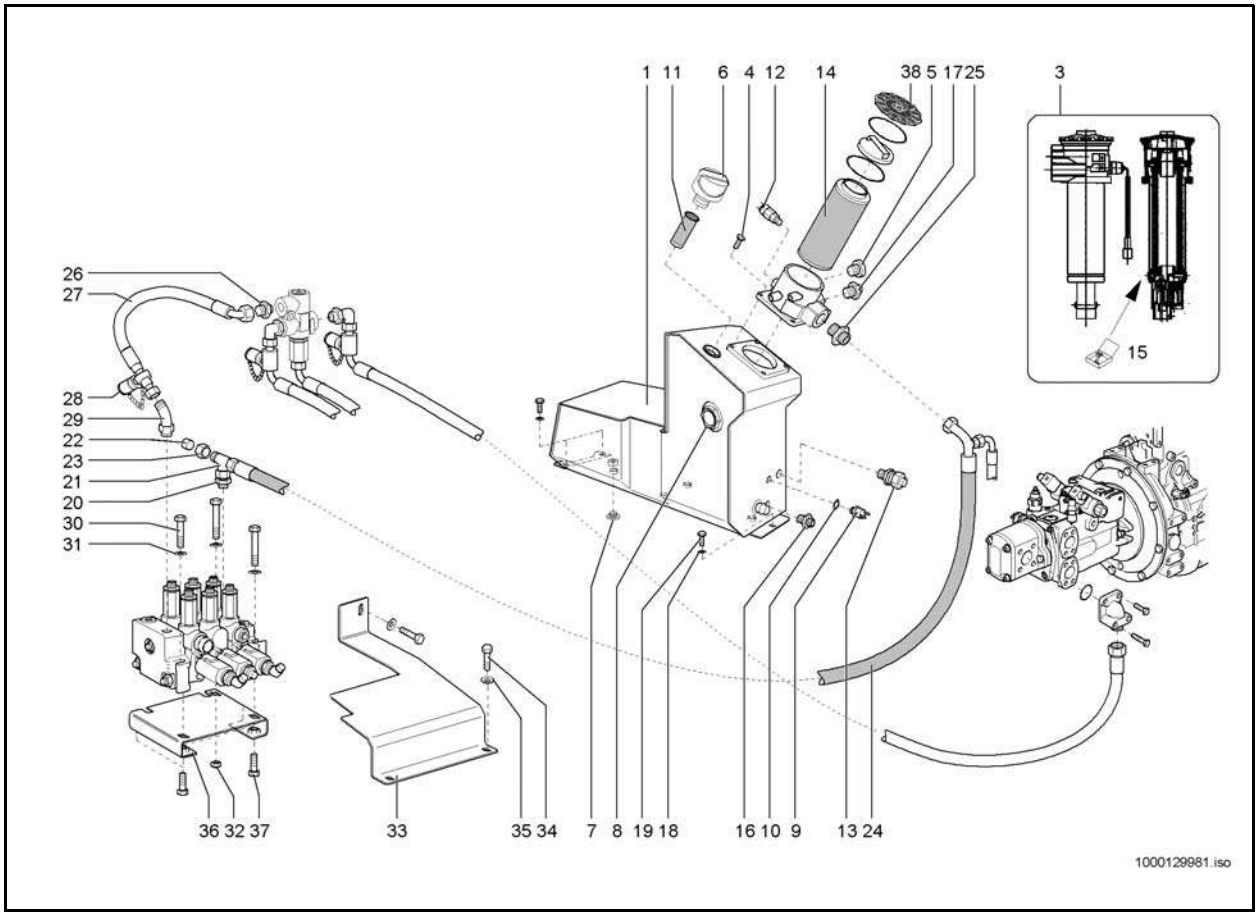

Ref. No.	Part No.	Description	Qty.
1	209359	OIL TANK	1
3	209200	RETURN INTAKE FILTER	1
4	656006	CS M10X20	4
5	0009909609	SCREW PLUG	1
6	0003637634	VENTING FILTER	1
7	0003618484	DRAIN COUPLING M18X1.5	1
8	0003630846	OIL LEVEL SIGHT GLASS M48X1.5	1
9	0003364703	TEMPERATURE SWITCH M14X1	1
10	163756	SEAL	1
11	0003630833	SCREEN	1
12	209390	PRESSURE SWITCH	1
13	209506	NON RETURN VALVE	1
14	209574	HYDRAULIC FILTER	1
15	208873	SEAL KIT	1
16	0003636649	SCREW CONNECTION	1
17	0003632162	SCREW CONNECTION	1
18	7462680011	WASHER	3
19	656093	CS M8-1.25X16 C8.8 ZY	3
20	209744	SCREW JOINT	1

Ref. No.	Part No.	Description	Qty.
21	209735	SCREW JOINT	1
22	179796	PLUG	1
23	7788010666	UNION NUT	1
24	209436	HP HOSE - 2250 MM	1
25	0003636266	SCREW CONNECTION	1
26	161431	SCREW JOINT	1
27	209948	HP HOSE	1
28	0003630063	TEST CONNECTION M8X1 A3C	1
29	209404	SCREW JOINT	1
30	179784	SCREW	3
31	163634	FLATWASHER	3
32	7405677005	HEX NUT M8-8 A2C	3
33	209956	COVER PLATE	1
34	656093	CS M8-1.25X16 C8.8 ZY	3
35	7462680011	WASHER	6
36	209358	BRACKET	1
37	177648	HEX SCREW	3
38	204705	FILTER COVER	1

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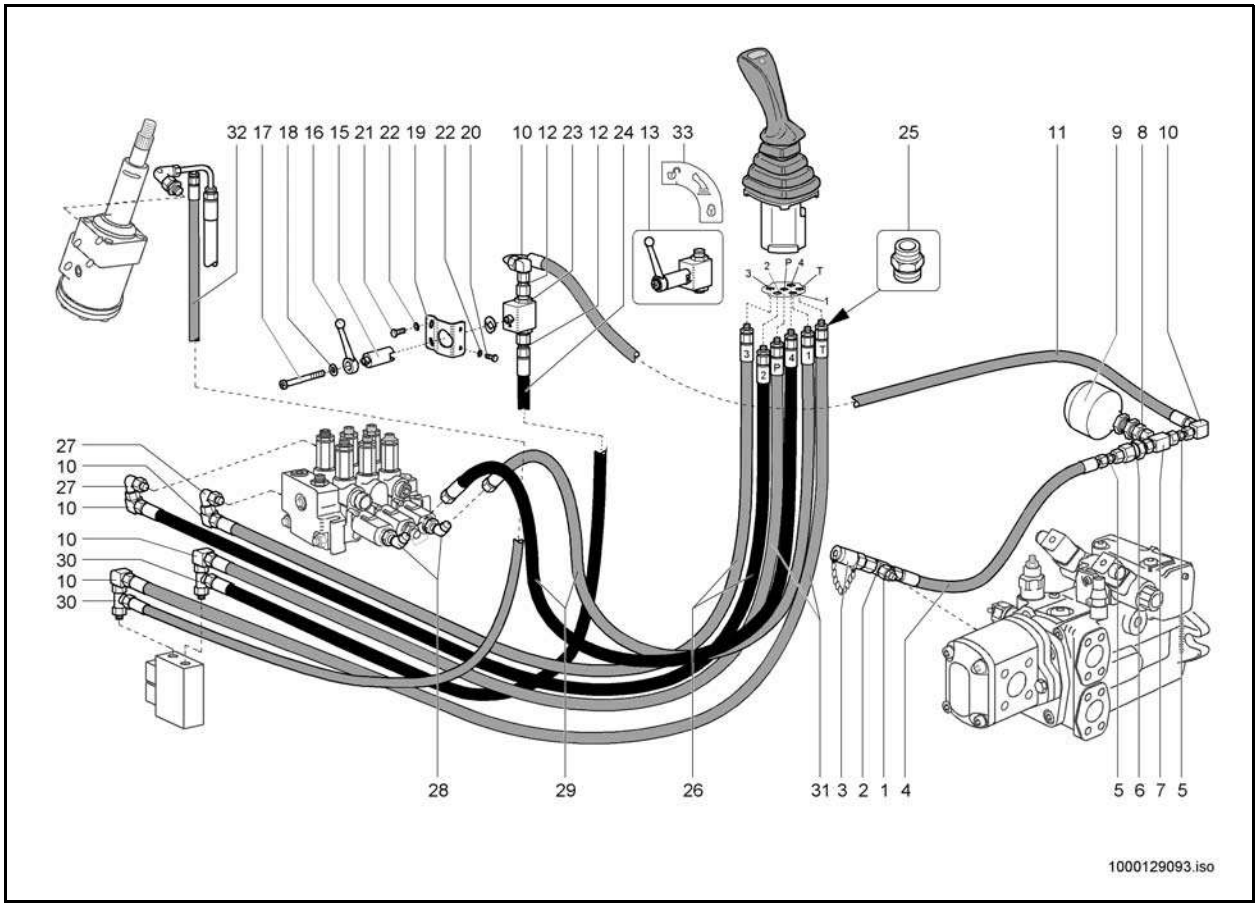
280 - HYDRAULIC INSTALLATION - PILOT VALVE
1000129093



Ref. No.	Part No.	Description	Qty.
1	161435	SCREW JOINT	1
2	209481	SCREW JOINT	1
3	209213	TEST CONNECTION	1
4	209416	HP HOSE - 350 MM	1
5	0003635216	SCREW JOINT	2
6	0003612587	NON RETURN VALVE	1
7	0003635017	SCREW CONNECTION	1
8	209212	SCREW CONNECTION	1
9	0003633003	PRESSURE ACCUMULATOR	1
10	165962	90º FITTING	6
11	209415	HP HOSE - 1780 MM	1
12	0003636348	SCREW JOINT	2
13	0003600184	BALL VALVE ASSY	1
15	0383630083	EXTENSION PIECE	1
16	0003610918	SHIFT LEVER	1
17	7286671075	PAN-HEAD SCREW M5X50-4.8 A2C	1

Ref. No.	Part No.	Description	Qty.
18	161665	WASHER/GR A 5.3	1
19	209369	BRACKET	1
20	7236677055	HEX SCREW M5X12-8.8 A2C	2
21	651521	CS M5-0.8X16 C8.8 ZY	2
22	7451680108	WASHER B5.3	6
23	0003631969	SCREW CONNECTION	1
24	209417	HP HOSE - 680 MM	1
25	165960	SCREW JOINT	6
26	209419	HP HOSE - 2180 MM	2
27	0003639868	SCREW CONNECTION	2
28	209209	FITTING 6-LR 1/4	2
29	209420	HP HOSE - 1900 MM	2
30	209402	FITTING 6-LR 1/4	2
31	209418	HP HOSE - 2000 MM	2
32	209421	HP HOSE - 1000 MM	1
33	209518	BALL LEVER LOCK DECAL	1

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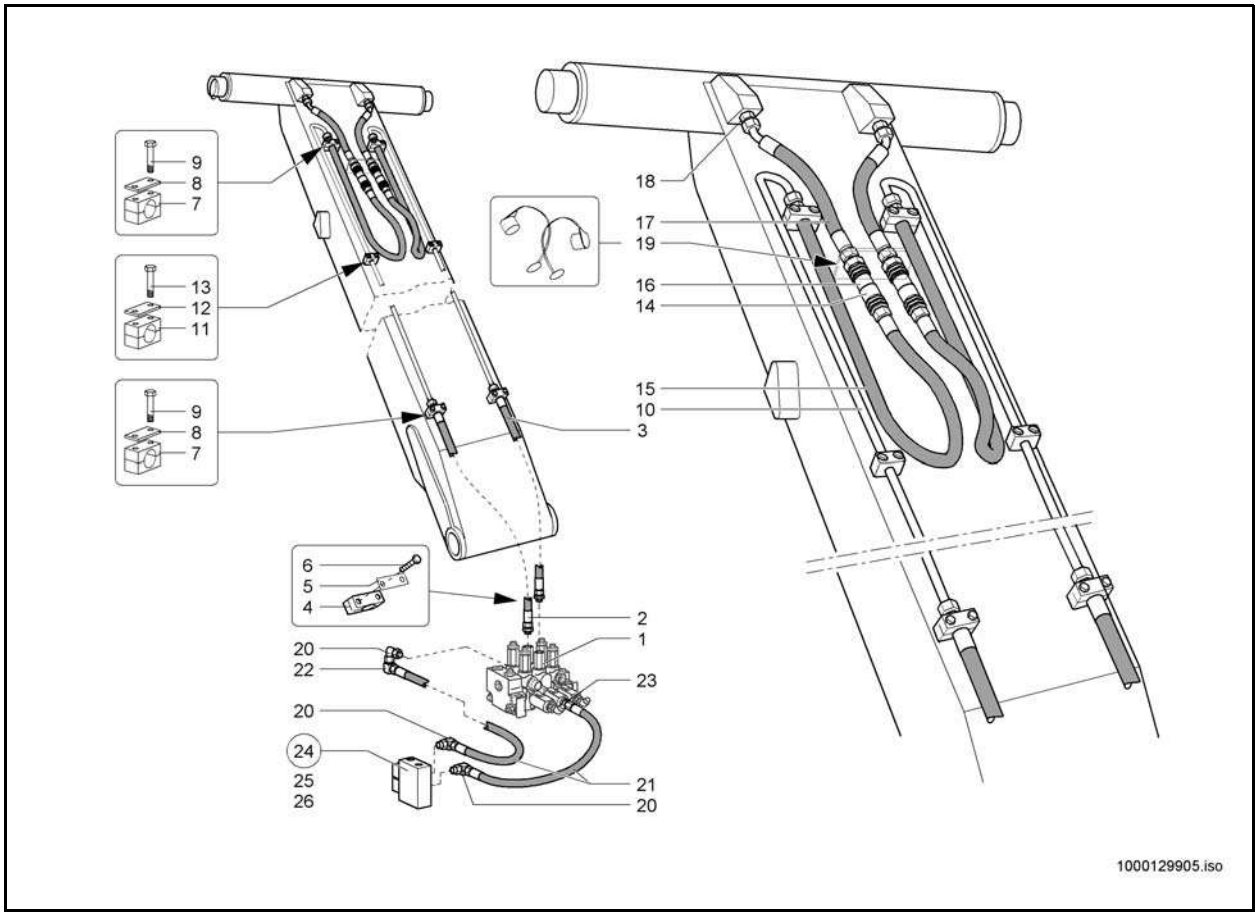

Ref. No.	Part No.	Description	Qty.
1	209401	FITTING 1/2	2
2	161430	SCREW JOINT	2
3	209949	HP HOSE - 1220 MM	2
4	0009932151	CLAMP	2
5	0009930785	COVER PLATE	2
6	165939	SCREW	4
7	0009937650	CLAMP	4
8	0009933185	COVER PLATE	4
9	162028	SCREW	8
10	209365	PIPE LINE	2
11	209232	CLAMP	2
12	209226	COVER PLATE	2
13	656139	CS M6-1X35 C8.8 ZY	4

Ref. No.	Part No.	Description	Qty.
14	0003633366	QUICK LOCK COUPLING FEMALE	2
15	209410	HP HOSE - 1070 MM	2
16	0003630667	QUICK LOCK COUPLING MALE	2
17	209411	HP HOSE - 300 MM	2
18	161436	SCREW JOINT	2
19	0009961952	DUST CAP BG 2	2
20	0003639868	SCREW JOINT	3
21	209422	HP HOSE - 540 MM	2
22	165962	90º FITTING	1
23	165960	SCREW JOINT	1
24	209206	VALVE BLOCK (INCLUDES 25 & 26)	1
25	209829	SPOOL	1
26	209830	SOLENOID	1

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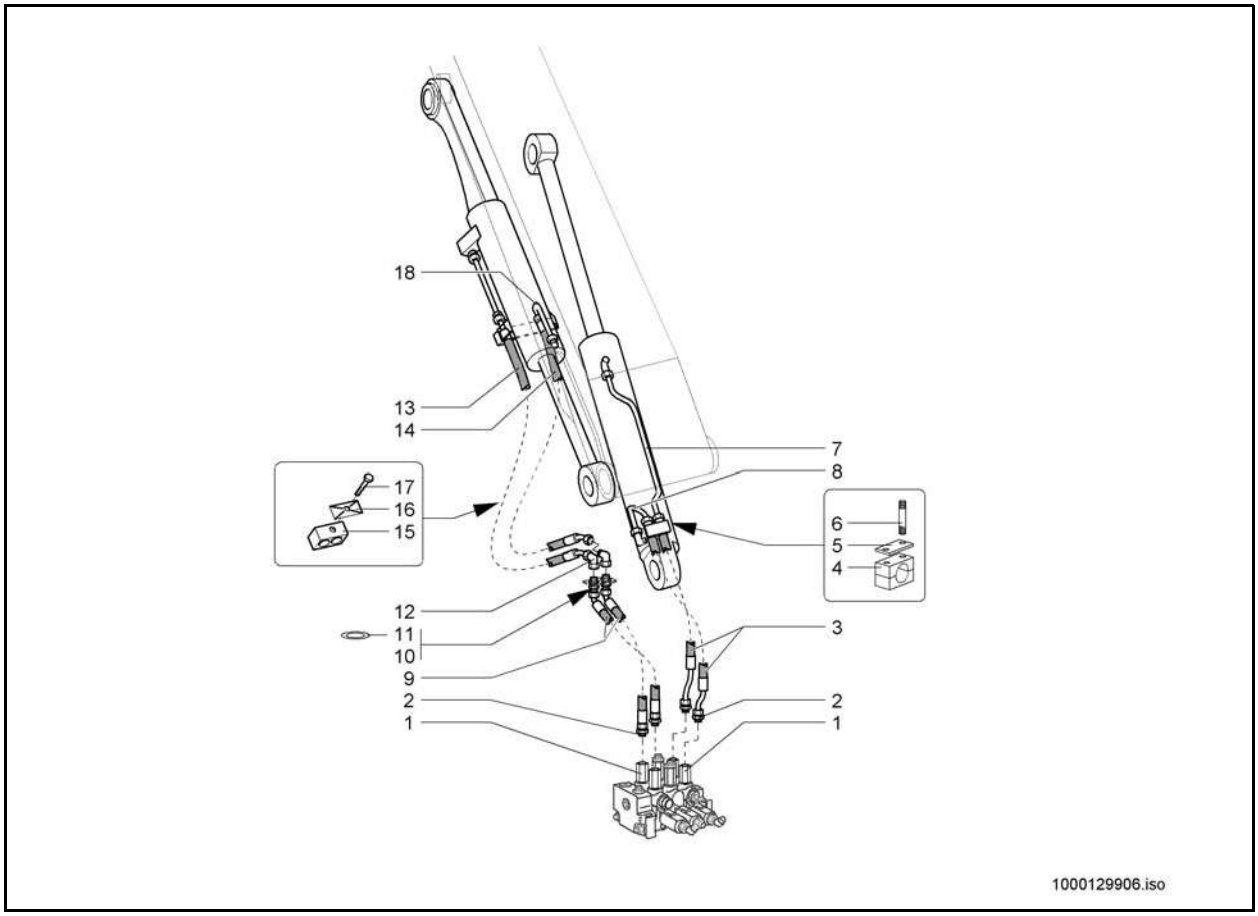
280 - LIFT ARM CIRCUIT
1000129906



Ref. No.	Part No.	Description	Qty.
1	209401	FITTING 1/2	4
2	161430	SCREW JOINT	4
3	209958	HP HOSE - 490 MM	2
4	0009936350	CLAMP	1
5	0009930685	COVER PLATE	1
6	209287	PIN SCREW	1
7	209362	PIPE LINE	1
8	209364	PIPE LINE	1
9	209947	HP HOSE - 370 MM	2

Ref. No.	Part No.	Description	Qty.
10	209211	SCREW CONNECTION	2
11	209292	SPACER	4
12	161445	90º FITTING	2
13	209950	HP HOSE - 1180 MM	1
14	209957	HP HOSE - 930 MM	1
15	0009933050	CLAMP	1
16	0009930585	COVER PLATE	2
17	656002	CS M8-1.25X35 C8.8 ZY	1
18	209954	PIPE LINE	1

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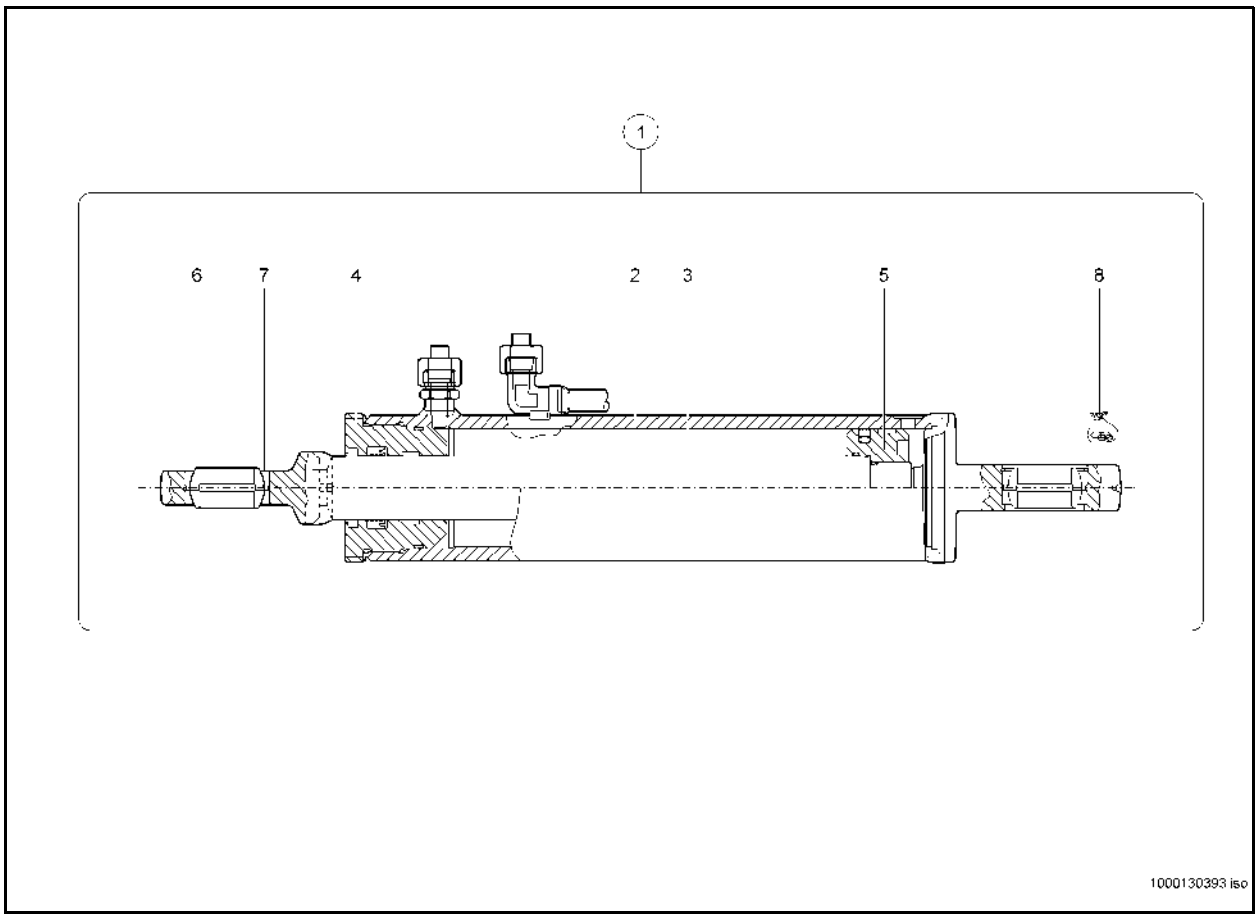

Ref. No.	Part No.	Description	Qty.
1	209888	LIFT CYLINDER	1
2	209989	CYLINDER PIPE	1
3	209990	PISTON ROD	1
4	209991	GUIDE BUSHING	1

Ref. No.	Part No.	Description	Qty.
5	209992	PISTON	1
6	0009940137	PIVOTING BEARING GE 30 ES-2RS	2
7	7491682047	CIRCLIP 47X1.75	2
8	209889	SEAL KIT	1

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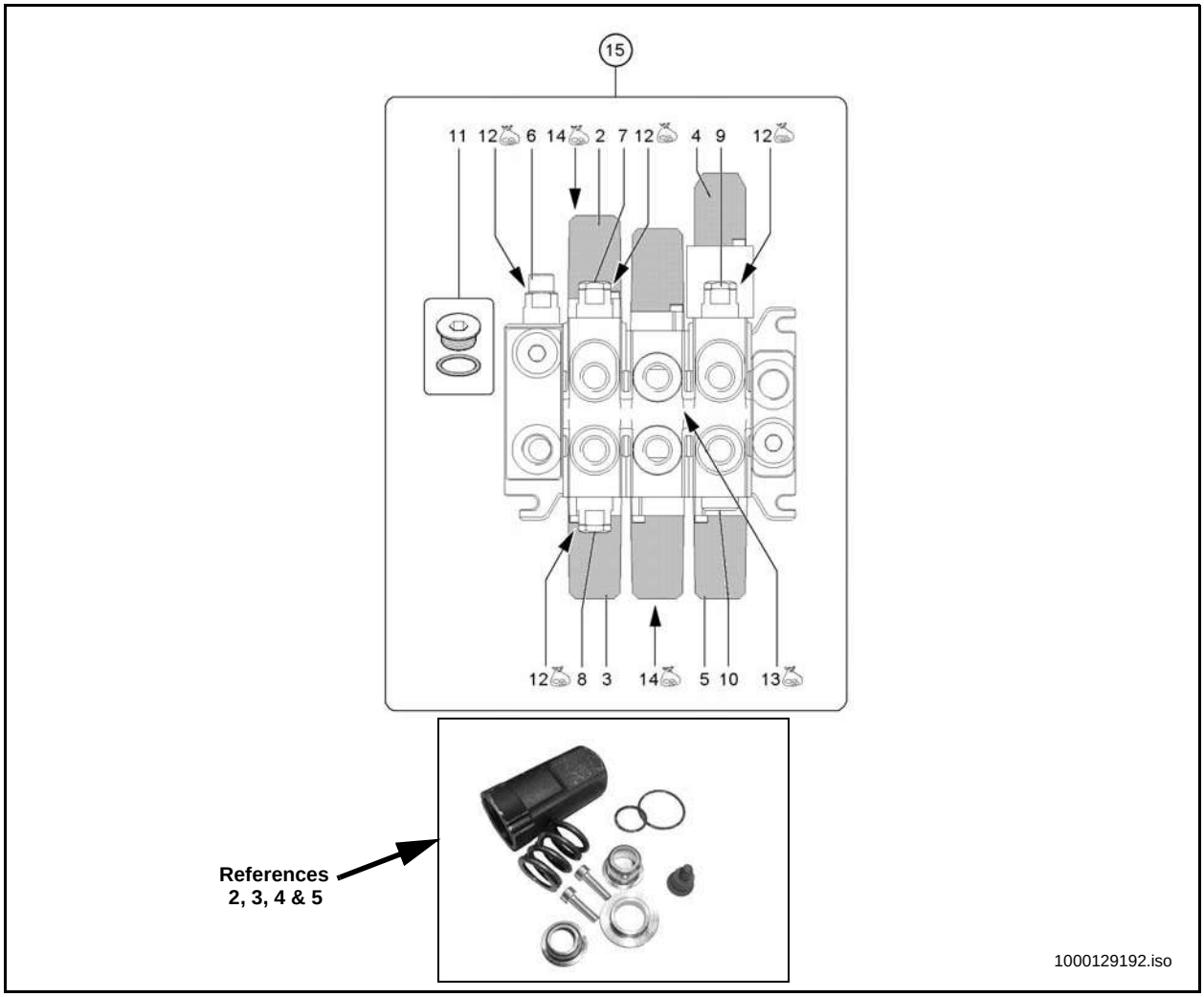
280 - CONTROL VALVE
1000129192



Ref. No.	Part No.	Description	Qty.
2	209821	SET/IMPLEMENT	1
3	209822	SET/IMPLEMENT	1
4	209823	SET/IMPLEMENT	1
5	209824	SET/IMPLEMENT	1
6	209819	PRESSURE LIMIT RELIEF VALVE	1
7	209487	SUCTION VALVE	1
8	0000802948	SUCTION VALVE	1

Ref. No.	Part No.	Description	Qty.
9	209820	VALVE	1
10	0465000910	SUCTION VALVE	1
11	209825	PLUG	1
12	209465	SEAL KIT	1
13	184361	SEAL KIT	1
14	0000802226	SEAL KIT	1
15	209202	CONTROL VALVE - FLOAT POSITION	1

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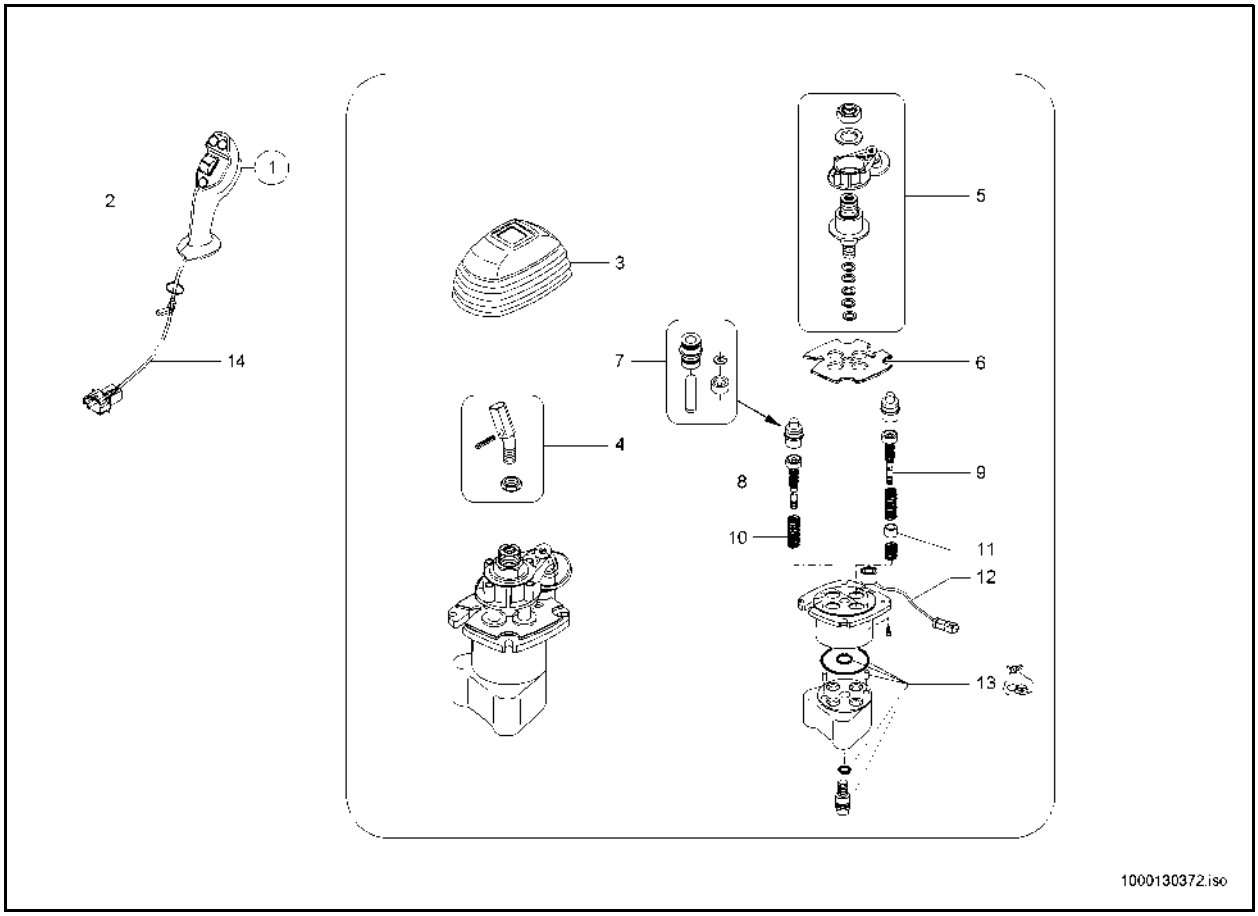
280 - PILOT VALVE - FLOAT POSITION
1000130372



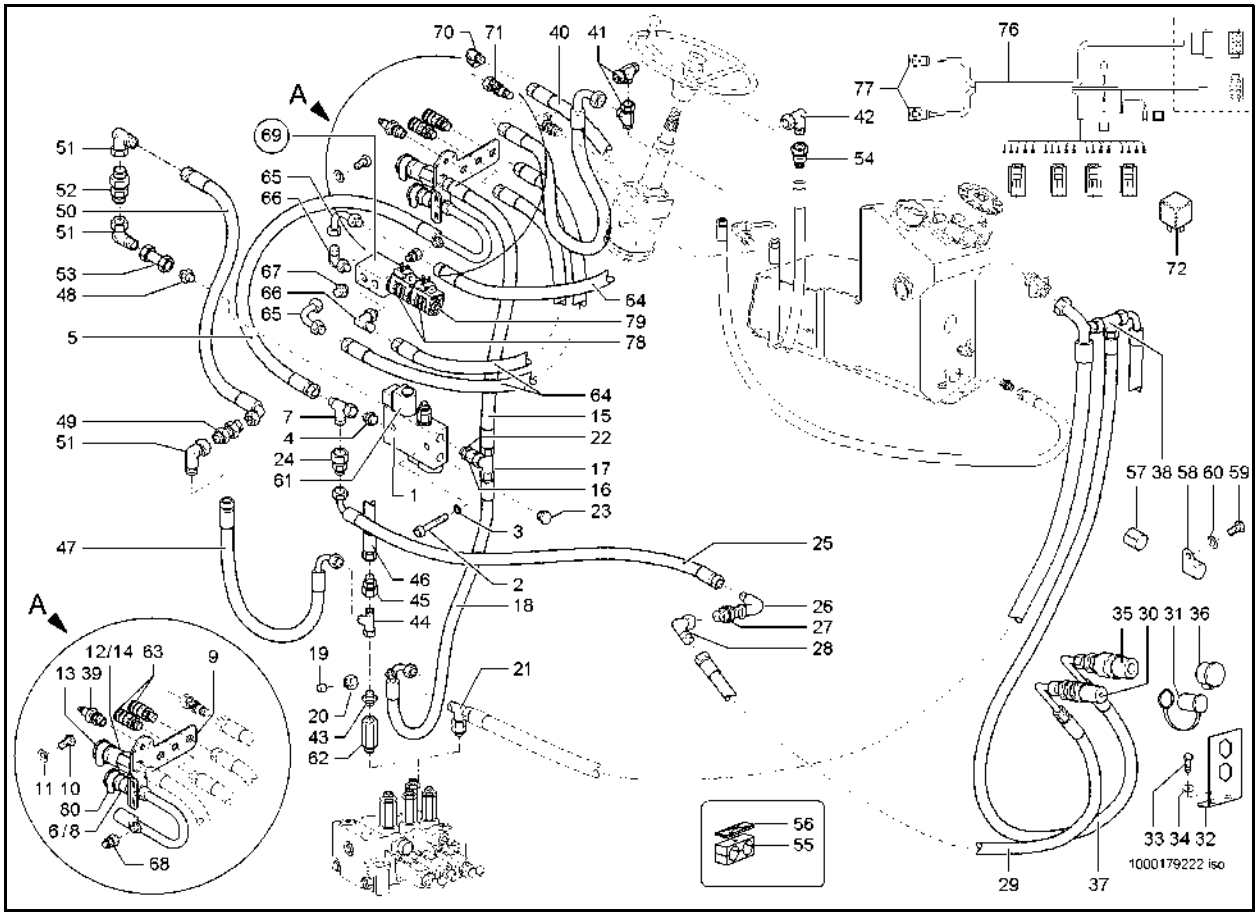
Ref. No.	Part No.	Description	Qty.
1	209955	PILOT VALVE	1
2	209184	HANDLE	1
3	209864	BELLOW	1
4	209174	LEVER	1
5	209865	JOINT SET	1
6	209866	PLATE	1
7	209175	PUSH ROD	4

Ref. No.	Part No.	Description	Qty.
8	209176	SPOOL VALVE	3
9	209867	SPOOL VALVE	1
10	209177	SPRING	4
11	209868	REPAIR KIT	1
12	209869	PLUG HOUSING	1
13	209178	SEAL KIT	1
14	208609	CABLE	1

https://tractormanualz.com/

280 - AUXILIARY CONTROL CIRCUIT

1000179222 - (SN 341020682 AND UP)



Ref. No.	Part No.	Description	Qty.
1	204706	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	161506	SCREW JOINT	1
5	203261	HP HOSE	1
6	209171	COUPLING SOCKET	1
7	161449	TEE	1
8	207355	MALE COUPLER	1
9	203263	BRACKET	1
10	656093	CS M8-1.25X16 C8.8 ZY	2
11	7462680011	WASHER 8.4 ST A2C	2
12	209172	COUPLING SOCKET	1
13	209173	COVER BG 3 BLAU	1
14	207356	FEMALE COUPLER	1
15	209167	HP HOSE	1
16	209170	SCREW JOINT	1
17	209166	SCREW JOINT	1
18	209180	HP HOSE	1
19	209159	PLUG	1

Ref. No.	Part No.	Description	Qty.
20	7788010663	UNION NUT AL 12 VERZ.	1
21	209735	SCREW JOINT	1
22	162494	SCREW JOINT	1
23	0009909809	PLUG	1
24	161441	REDUCTION JOINT	1
25	207372	HP HOSE	1
26	0003632117	SCREW CONNECTION	1
27	207369	SPACER	1
28	161446	90° FITTING	1
29	207373	HP HOSE	1
30	203247	QUICK LOCK COUPLING	1
31	0009961952	DUST CAP BG 2	1
32	207378	SHCS	1
33	656092	CS M6-1X12 C8.8 ZY	1
34	7451680109	WASHER B6.4-140HV A2C	1
35	209171	COUPLING SOCKET	1
36	209173	COVER BG 3 BLAU	1
37	207374	HP HOSE	1
38	161449	TEE	1

https://tractormanualz.com/

Ref. No.	Part No.	Description	Qty.
39	0003630667	COUPLING PLUG BG 2 12 L-S FLACH	1
40	204711	HP HOSE	1
41	162062	ELBOW	2
42	161445	90º FITTING	1
43	161498	SCREW JOINT	1
44	161449	TEE	1
45	204715	SCREW JOINT	1
46	204716	HP HOSE	1
47	204717	HP HOSE	1
48	161506	SCREW JOINT	1
49	204718	SCREW JOINT	1
50	204719	HP HOSE	1
51	161447	90° FITTING	3
52	204720	NON RETURN VALVE	1
53	161497	SCREW JOINT	1
54	208591	SCREW JOINT	1
55	0009932050	CLAMP D3 25/20 PP	2
56	0009930685	COVER PLATE GD 3 D	2
57	209160	RING	2
58	209161	CLAMP	1
59	656093	CS M8-1.25X16 C8.8 ZY	1
60	7462680011	WASHER 8.4 ST A2C	1
61	0000801314	MAGNET	2
62	204714	SCREW JOINT	1
63	203248	QUICK LOCK COUPLING	2
64	203262	HP HOSE	3
65	208413	CONNECTION PIECE	2
66	209215	SCREW JOINT	2
67	161459	SCREW JOINT	1
68	165963	SCREW JOINT	1
69	203257	SOLENOID VALVE	1
70	161445	90º FITTING	1
71	162062	ELBOW	1
72	209061	RELAY - 20/35 A	4
76	203264	WIRING HARNESS	1
77	0003330466	PLUG	2
78	203276	SOLENOID	2
79	203277	VALVE	1
80	209162	COVER	1

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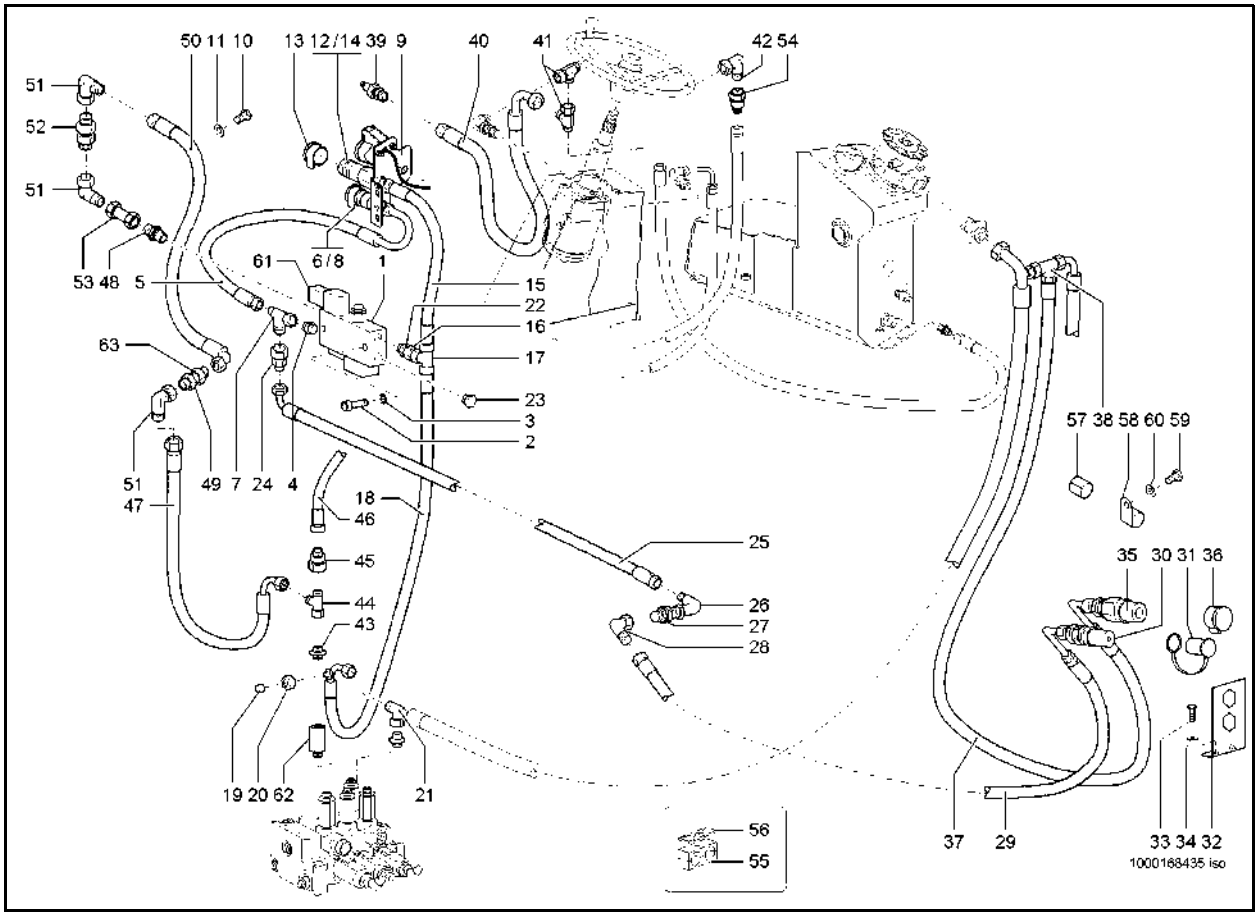
280 - AUXILIARY CONTROL CIRCUIT

1000168435 - (SN 341020314 - 341020681)



Ref. No.	Part No.	Description	Qty.
1	204706	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	161506	SCREW JOINT	1
5	204707	HP HOSE	1
6	209171	COUPLING SOCKET	1
7	161449	TEE	1
8	207355	MALE COUPLER	1
9	204708	BRACKET	1
10	656093	CS M8-1.25X16 C8.8 ZY	2
11	7462680011	WASHER 8.4 ST A2C	2
12	209172	COUPLING SOCKET	1
13	209173	COVER BG 3 BLAU	1
14	207356	FEMALE COUPLER	1
15	209167	HP HOSE	1
16	209170	SCREW JOINT	1
17	209166	SCREW JOINT	1
18	209180	HP HOSE	1
19	209159	PLUG	1

Ref. No.	Part No.	Description	Qty.
20	7788010663	UNION NUT AL 12 VERZ.	1
21	209735	SCREW JOINT	1
22	162494	SCREW JOINT	1
23	0009909809	PLUG	1
24	161441	REDUCTION JOINT	1
25	207372	HP HOSE	1
26	0003632117	SCREW CONNECTION	1
27	207369	SPACER	1
28	161446	90° FITTING	1
29	207373	HP HOSE	1
30	203247	QUICK LOCK COUPLING	1
31	0009961952	DUST CAP BG 2	1
32	207378	SHCS	1
33	656092	CS M6-1X12 C8.8 ZY	1
34	7451680109	WASHER B6.4-140HV A2C	1
35	209171	COUPLING SOCKET	1
36	209173	COVER BG 3 BLAU	1
37	207374	HP HOSE	1
38	161449	TEE	1

https://tractormanualz.com/

Ref. No.	Part No.	Description	Qty.
39	0003630667	COUPLING PLUG BG 2 12 L-S FLACH	1
40	204711	HP HOSE	1
41	162062	ELBOW	2
42	161445	90º FITTING	1
43	161498	SCREW JOINT	1
44	161449	TEE	1
45	204715	SCREW JOINT	1
46	204716	HP HOSE	1
47	204717	HP HOSE	1
48	161506	SCREW JOINT	1
49	204718	SCREW JOINT	1
50	204719	HP HOSE	1
51	161447	90° FITTING	3
52	204720	NON RETURN VALVE	1
53	161497	SCREW JOINT	1
54	208591	SCREW JOINT	1
55	0009932050	CLAMP D3 25/20 PP	2
56	0009930685	COVER PLATE GD 3 D	2
57	209160	RING	2
58	209161	CLAMP	1
59	656093	CS M8-1.25X16 C8.8 ZY	1
60	7462680011	WASHER 8.4 ST A2C	1
61	0000801314	MAGNET	2
62	204714	SCREW JOINT	1
63	203251	COUNTER NUT	1

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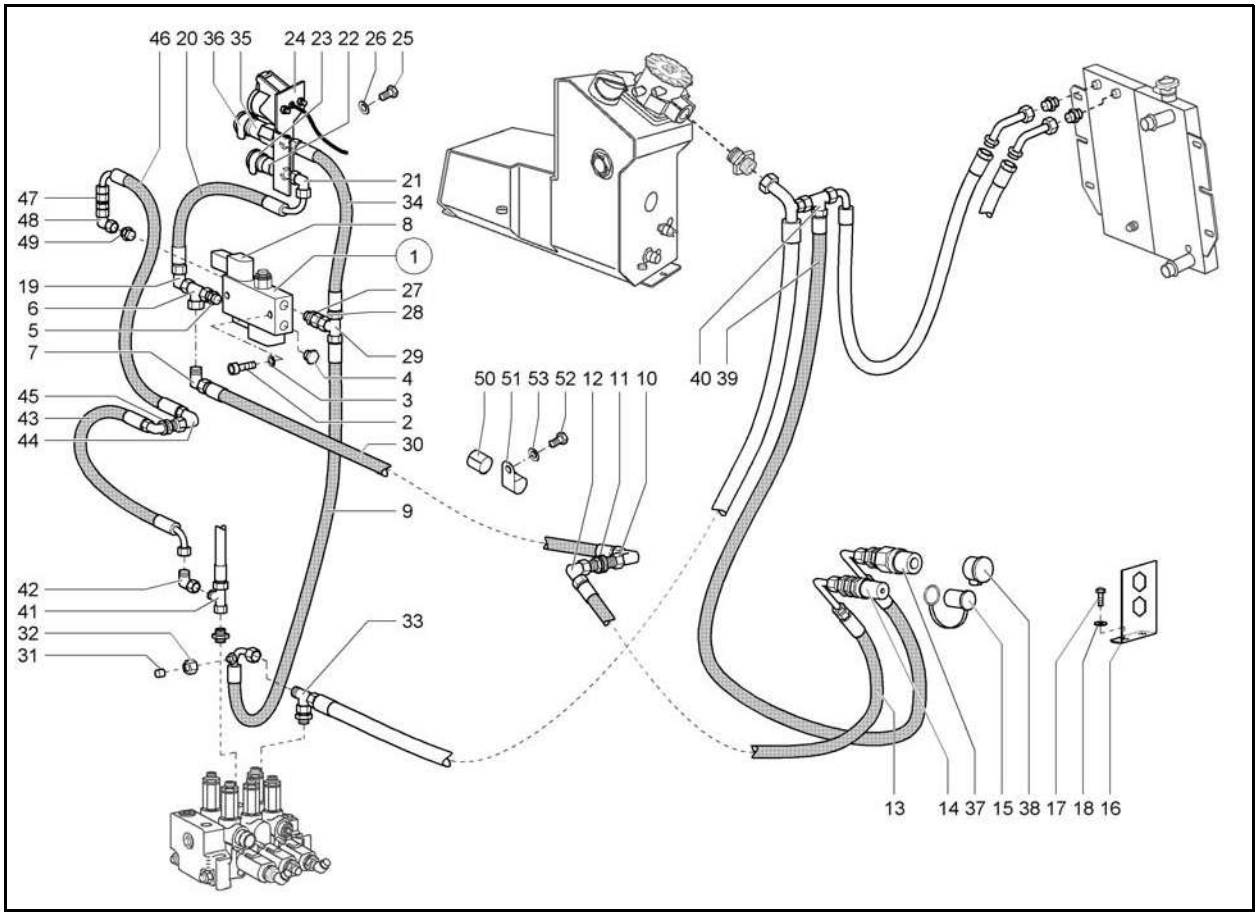
280 - AUXILIARY CONTROL CIRCUIT
1000130036 - (SN 341020313 AND BEFORE)



Ref. No.	Part No.	Description	Qty.
1	209164	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	0009909809	PLUG	1
5	161431	SCREW JOINT	1
6	161471	TEE	1
7	161444	90° FITTING	1
8	0000801314	MAGNET	2
9	209180	HP HOSE	1
10	0003632117	SCREW CONNECTION	1
11	207369	SPACER	1
12	161446	90° FITTING	1
13	207373	HP HOSE	1
14	203247	QUICK LOCK COUPLING	1
15	0009961952	DUST CAP BG 2	1
16	207378	SHCS	1
17	656092	CS M6-1X12 C8.8 ZY	2
18	7451680109	WASHER B6.4-140HV A2C	2
19	161446	90° FITTING	1

Ref. No.	Part No.	Description	Qty.
20	209181	HP HOSE	1
21	161447	90° FITTING	1
22	209171	COUPLING SOCKET	1
23	209162	COVER	1
24	209168	BRACKET	1
25	656093	CS M8-1.25X16 C8.8 ZY	2
26	7462680011	WASHER 8.4 ST A2C	2
27	162494	SCREW JOINT	1
28	209170	SCREW JOINT	1
29	209166	SCREW JOINT	1
30	207372	HP HOSE	1
31	209159	PLUG	1
32	7788010663	UNION NUT AL 12 VERZ.	1
33	209735	SCREW JOINT	1
34	209167	HP HOSE	1
35	209172	COUPLING SOCKET	1
36	209173	COVER BG 3 BLAU	1
37	209171	COUPLING SOCKET	1
38	209162	COVER	1

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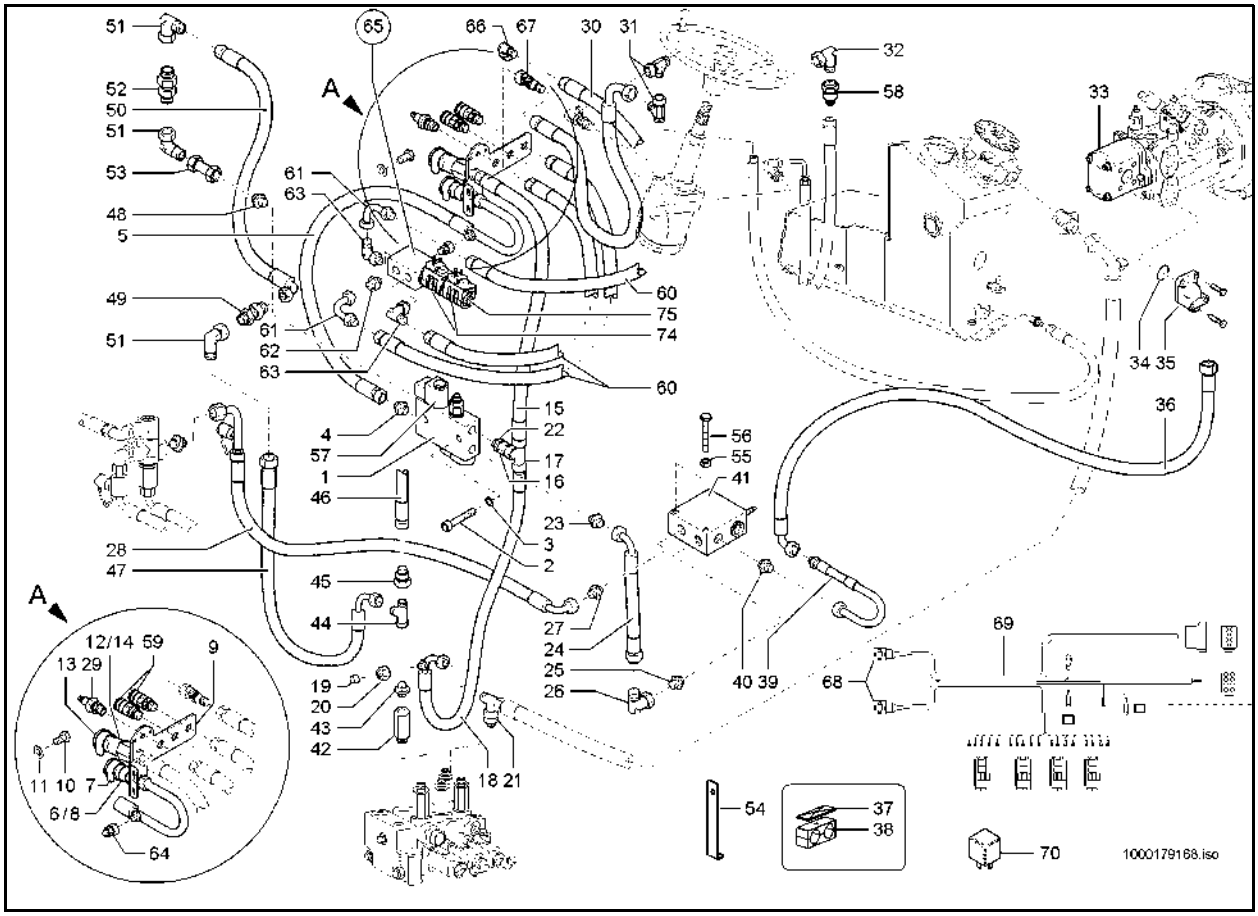
Ref. No.	Part No.	Description	Qty.
39	207374	HP HOSE	1
40	161449	TEE	1
41	162062	ELBOW	1
42	161445	90º FITTING	1
43	209183	HP HOSE	1
44	161445	90º FITTING	1
45	0003632771	SCREW CONNECTION	1
46	209182	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
47	209179	NON-RETURN VALVE	1
48	161446	90° FITTING	1
49	162495	SCREW JOINT	1
50	209160	RING	2
51	209161	CLAMP	1
52	656093	CS M8-1.25X16 C8.8 ZY	2
53	7462680011	WASHER 8.4 ST A2C	2

https://tractormanualz.com/

280 - AUXILIARY HIGH FLOW CIRCUIT (FRONT)
1000179168 - (SN 341020682 AND UP)



Ref. No.	Part No.	Description	Qty.
1	204706	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	161506	SCREW JOINT	1
5	204707	HP HOSE	1
6	209171	COUPLING SOCKET	1
7	209162	COVER	1
8	207355	MALE COUPLER	1
9	203263	BRACKET	1
10	656093	CS M8-1.25X16 C8.8 ZY	2
11	7462680011	WASHER 8.4 ST A2C	2
12	209172	COUPLING SOCKET	1
13	209173	COVER BG 3 BLAU	1
14	207356	FEMALE COUPLER	1
15	209167	HP HOSE	1
16	209170	SCREW JOINT	1
17	209166	SCREW JOINT	1
18	209180	HP HOSE	1
19	209159	PLUG	1

Ref. No.	Part No.	Description	Qty.
20	7788010663	UNION NUT AL 12 VERZ.	1
21	209735	SCREW JOINT	1
22	162494	SCREW JOINT	1
23	161431	SCREW JOINT	1
24	204709	HP HOSE	1
25	161446	90° FITTING	1
26	0003633263	SCREW CONNECTION	1
27	161506	SCREW JOINT	1
28	204710	HP HOSE	1
29	0003630667	COUPLING PLUG BG 2 12 L-S FLACH	1
30	204711	HP HOSE	1
31	162062	ELBOW	2
32	161445	90º FITTING	1
33	0003619897	HYDRAULIC PUMP*	1
34	0009966006	O-RING 32X2.5	1
35	0003639121	SCREW CONN. BFW 20 S LK 55 A3C	1
36	209522	HP HOSE	1
37	0009930685	COVER PLATE GD 3 D	2
38	0009932050	CLAMP D3 25/20 PP	2

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280 - AUXILIARY HIGH FLOW CIRCUIT (FRONT)
1000179168 - (SN 341020682 AND UP)

Ref. No.	Part No.	Description	Qty.
39	204712	HP HOSE	1
40	161506	SCREW JOINT	1
41	204713	DISTRIBUTOR	1
42	204714	SCREW JOINT	1
43	161498	SCREW JOINT	1
44	161449	TEE	1
45	204715	SCREW JOINT	1
46	204716	HP HOSE	1
47	204717	HP HOSE	1
48	161506	SCREW JOINT	1
49	204718	SCREW JOINT	1
50	204719	HP HOSE	1
51	161447	90° FITTING	3
52	204720	NON RETURN VALVE	1
53	161497	SCREW JOINT	1
54	204721	BRACKET	2
55	651457	LN INS M6-1 C8 ZY	2
56	209280	HEX SCREW	2
57	0000801314	MAGNET	2
58	208591	SCREW JOINT	1
59	203248	QUICK LOCK COUPLING	2
60	203262	HP HOSE	3
61	208413	CONNECTION PIECE	2
62	161459	SCREW JOINT	1
63	209215	SCREW JOINT	2
64	165963	SCREW JOINT	1
65	203257	SOLENOID VALVE	1
66	161445	90º FITTING	1
67	162062	ELBOW	1
68	0003330466	PLUG	2
69	203264	WIRING HARNESS	1
70	209061	RELAY - 20/35 A	4
74	203276	SOLENOID	2
75	203277	VALVE	1

***There is no seal kit available for 0003619897 Hydraulic Pump.**

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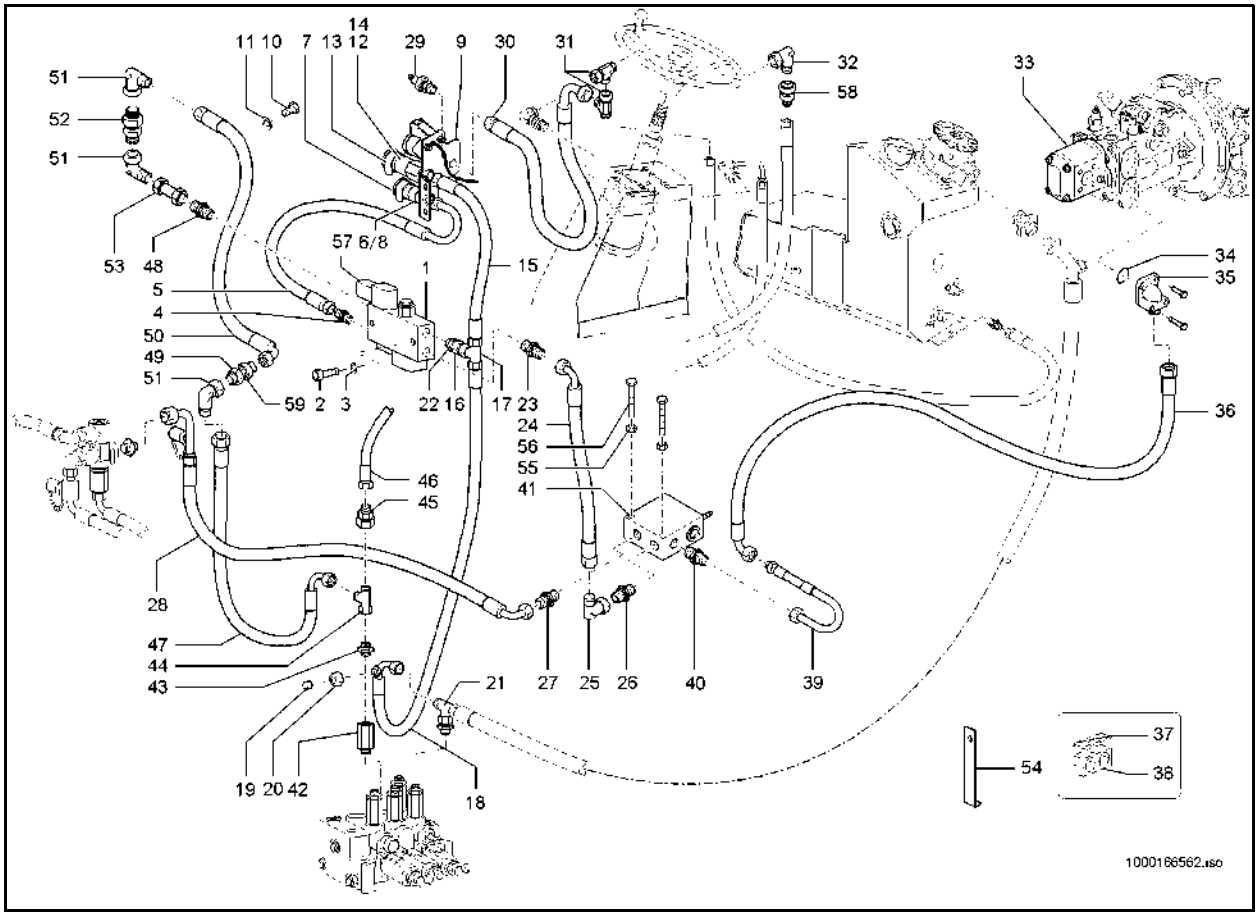
280 - AUXILIARY HIGH FLOW CIRCUIT (FRONT)

1000166562 - (SN 341020314 - 341020681)



Ref. No.	Part No.	Description	Qty.
1	204706	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	161506	SCREW JOINT	1
5	204707	HP HOSE	1
6	209171	COUPLING SOCKET	1
7	209162	COVER	1
8	207355	MALE COUPLER	1
9	204708	BRACKET	1
10	656093	CS M8-1.25X16 C8.8 ZY	2
11	7462680011	WASHER 8.4 ST A2C	2
12	209172	COUPLING SOCKET	1
13	209173	COVER	1
14	207356	FEMALE COUPLER	1
15	209167	HP HOSE	1
16	209170	SCREW JOINT	1
17	209166	SCREW JOINT	1
18	209180	HP HOSE	1
19	209159	LOCK PIECE	1

Ref. No.	Part No.	Description	Qty.
20	7788010663	UNION NUT	1
21	209735	SCREW JOINT	1
22	162494	SCREW JOINT	1
23	161431	SCREW JOINT	1
24	204709	HP HOSE	1
25	161446	90º FITTING	1
26	0003633263	SCREW CONNECTION	1
27	161506	SCREW JOINT	1
28	204710	HP HOSE	1
29	0003630667	COUPLING PLUG	1
30	204711	HP HOSE	1
31	162062	ELBOW	2
32	161445	90º FITTING	1
33	0003619897	HYDRAULIC PUMP*	1
34	0009966006	O-RING 32X2.5	1
35	0003639121	SCREW CONNECTION	1
36	209522	HP HOSE	1
37	0009930685	COVER PLATE	2
38	0009932050	CLAMP	2

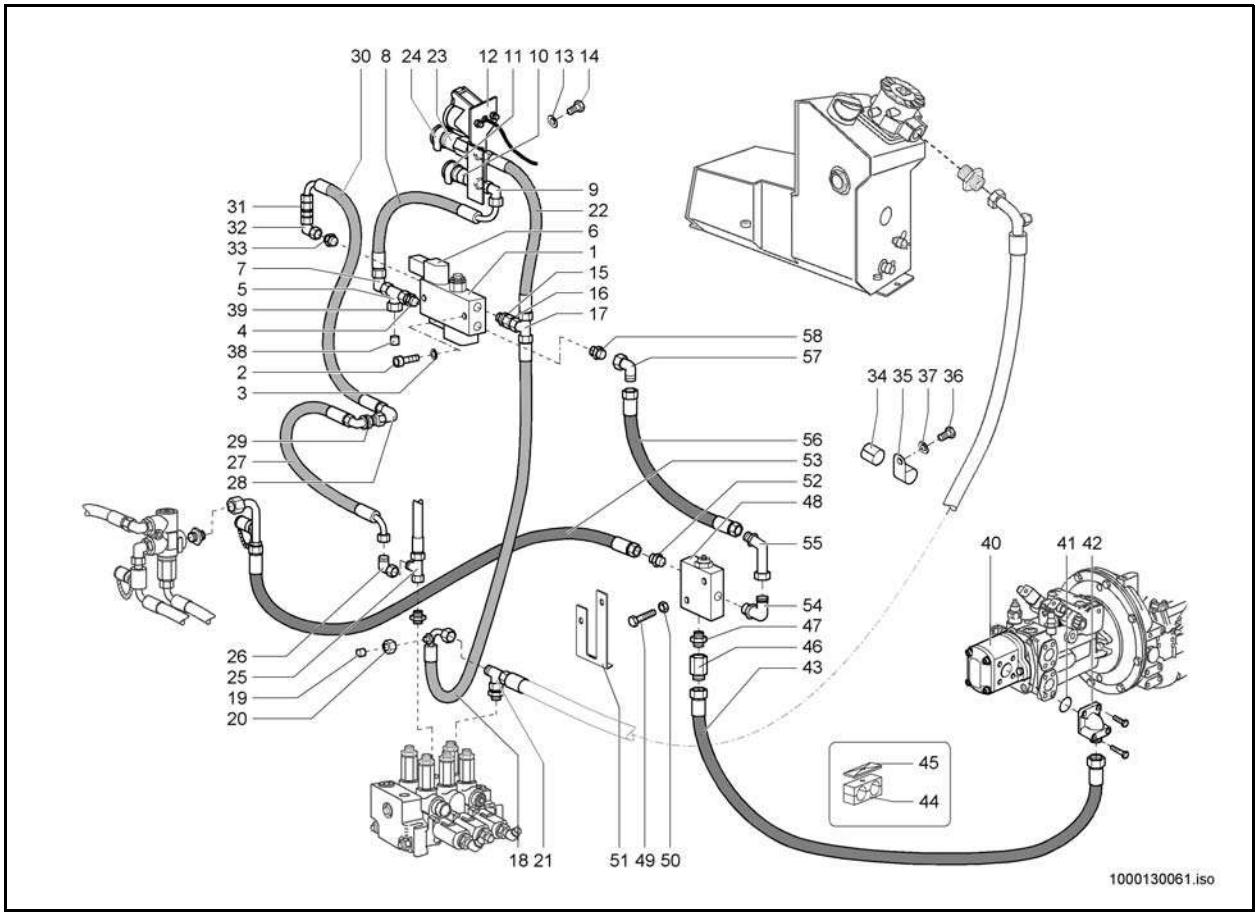
https://tractormanualz.com/

Ref. No.	Part No.	Description	Qty.
39	204712	HP HOSE	1
40	161506	SCREW JOINT	1
41	204713	DISTRIBUTOR	1
42	204714	SCREW JOINT	1
43	161498	SCREW JOINT	1
44	161449	ELBOW	1
45	204715	SCREW JOINT	1
46	204716	HP HOSE	1
47	204717	HP HOSE	1
48	161506	SCREW JOINT	1
49	204718	SCREW JOINT	1
50	204719	HP HOSE	1
51	161447	90º FITTING	3
52	204720	NON-RETURN VALVE	1
53	161497	SCREW JOINT	1
54	204721	BRACKET	2
55	651457	LN INS M6-1 C8 ZY	2
56	209280	HEX SCREW	2
57	0000801314	SOLENOID	2
58	208591	SCREW JOINT	1
59	203251	COUNTER NUT	1

***There is no seal kit available for 0003619897 Hydraulic Pump.**

https://tractormanualz.com/

280 - AUXILIARY HIGH FLOW CIRCUIT (FRONT)
1000130061 - (SN 341020313 AND BEFORE)



Ref. No.	Part No.	Description	Qty.
1	209164	SOLENOID VALVE	1
2	651512	SHCS M6-1X60 C8.8 ZY	2
3	7462680008	WASHER	2
4	161431	SCREW JOINT	1
5	161471	ELBOW	1
6	0000801314	SOLENOID	2
7	161446	90º FITTING	1
8	209181	HP HOSE	1
9	161447	90º FITTING	1
10	209171	FEMALE COUPLER	1
11	209162	COVER	1
12	209168	BRACKET	1
13	656093	CS M8-1.25X16 C8.8 ZY	2
14	7462680011	SPACER	2
15	162494	SCREW JOINT	1
16	209170	SCREW JOINT	1
17	209166	SCREW JOINT	1
18	209180	HP HOSE	1
19	209159	PLUG	1

Ref. No.	Part No.	Description	Qty.
20	7788010663	UNION NUT	1
21	209735	SCREW JOINT	1
22	209167	HP HOSE	1
23	209172	MALE COUPLER	1
24	209173	COVER	1
25	162062	ELBOW	1
26	161445	90º FITTING	1
27	209183	HP HOSE	1
28	161445	90º FITTING	1
29	0003632771	SCREW CONNECTION	1
30	209182	HP HOSE	1
31	209179	NON-RETURN VALVE	1
32	161446	90º FITTING	1
33	162495	SCREW JOINT	1
34	209160	RING	2
35	209161	CLAMP	1
36	656093	CS M8-1.25X16 C8.8 ZY	2
37	7462680011	WASHER 8.4 ST A2C	2
38	0003630896	PLUG	1

https://tractormanualz.com/

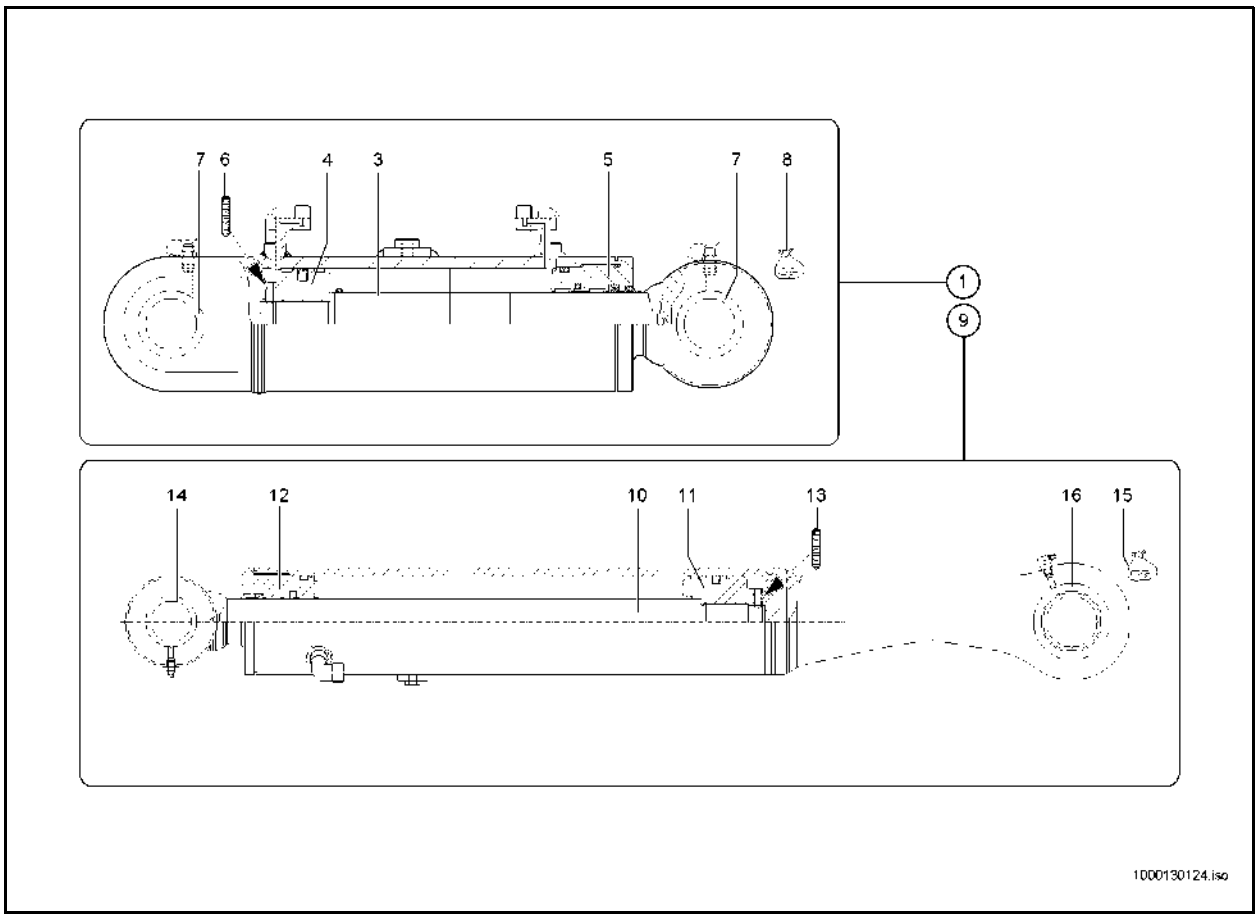
280 - AUXILIARY HIGH FLOW CIRCUIT (FRONT)
1000130061 - (SN 341020313 AND BEFORE)

Ref. No.	Part No.	Description	Qty.
39	7788010664	UNION NUT	1
40	0003619897	HYDRAULIC PUMP*	1
41	0009966006	O-RING 32X2.5	1
42	0003639121	SCREW CONNECTION	1
43	209522	HP HOSE	1
44	209743	CLAMP	2
45	0009930685	COVER PLATE	2
46	209401	FITTING 1/2	1
47	161483	SCREW JOINT	1
48	209400	DISTRIBUTOR	1
49	209280	HEX SCREW	2
50	651457	LN INS M6-1 C8 ZY	2
51	209722	BRACKET	1
52	209210	SCREW JOINT	1
53	209412	HP HOSE	1
54	209216	SCREW JOINT	1
55	209357	CONNECTION PIECE	1
56	209521	HP HOSE	1
57	161445	90º FITTING	1
58	161430	SCREW JOINT	1

***There is no seal kit available for 0003619897 Hydraulic Pump.**

https://tractormanualz.com/

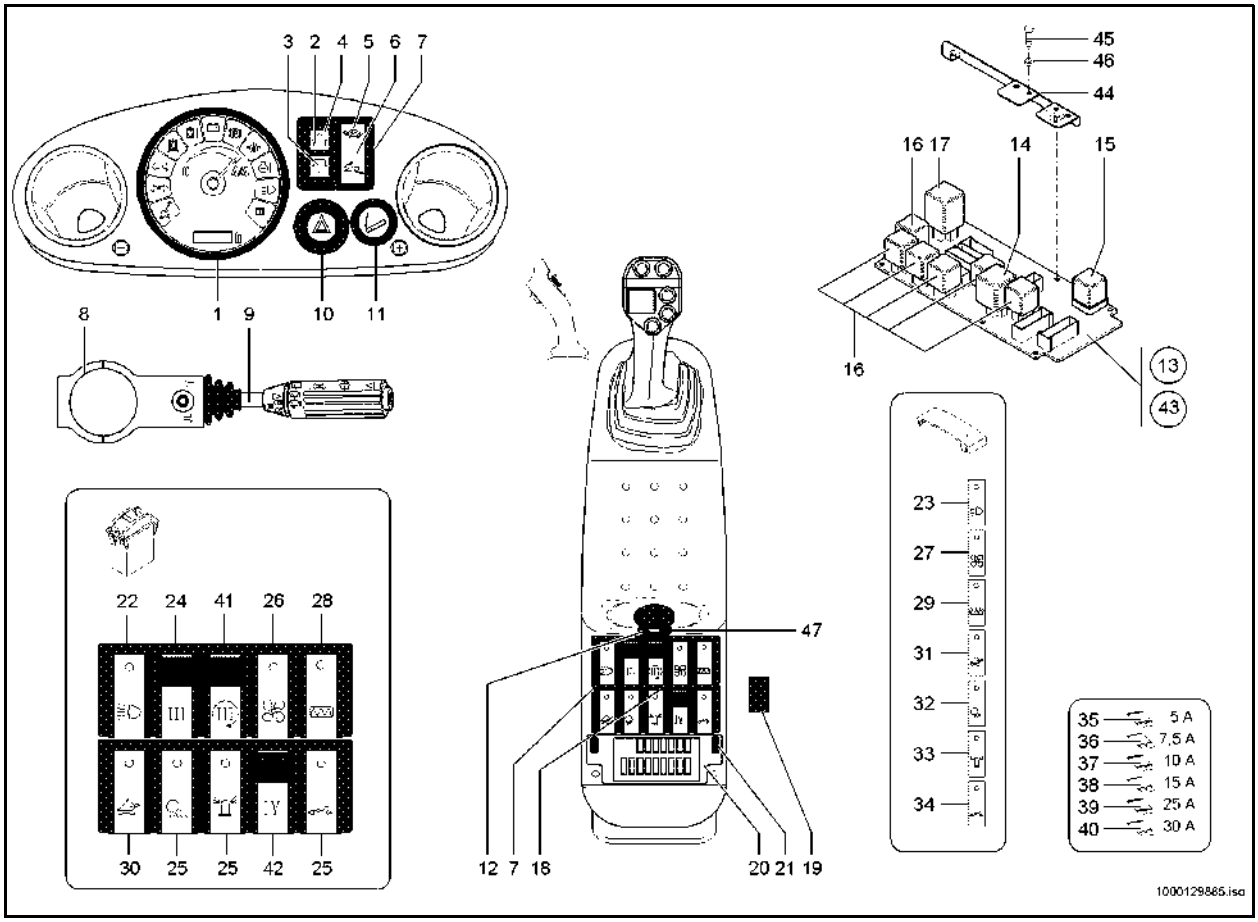
280 - LIFT CYLINDER/TILT CYLINDER
1000130124



Ref. No.	Part No.	Description	Qty.
1	209264	LIFT CYLINDER	1
3	209840	PISTON ROD	1
4	209841	PISTON	1
5	209842	GUIDE BUSHING	1
6	209843	THREAD PIN	1
7	209844	BUSHING	2
8	209845	SEAL KIT	1
9	209901	TILT CYLINDER	1

Ref. No.	Part No.	Description	Qty.
10	209833	PISTON ROD	1
11	209834	PISTON	1
12	209835	GUIDE BUSHING	1
13	209836	THREAD PIN	1
14	209837	BUSHING	1
15	209838	SEAL KIT	1
16	0009949937	PIVOTING BEARING	1

https://tractormanualz.com/



Ref. No.	Part No.	Description	Qty.
1	209944	INDICATOR/INSTRUMENT	1
2	209945	DRIVE DIRECTION - FORWARD	1
3	209946	DRIVE DIRECTION - REVERSE	1
4	0003325912	INDICATOR	1
5	209389	SPEED CONTROL SWITCH	1
6	209879	SPEED CONTROL SYMBOL	1
7	209196	FRAME	2
8	209547	HOLDER	1
9	209392	TURN SIGNAL SWITCH	1
10	209198	SWITCH/HAZARD WARNING DEVICE	1
11	209520	CIGARETTE LIGHTER	1
12	0003331306	PRE-HEATING START SWITCH W/KEY	1
13	209395	PLATE	1
14	209193	TIME RELAY	1
15	204662	RELAY - 70 A	1
16	0003323317	RELAY - 40/60 A	6
17	209194	RELAY	1
18	209197	FRAME	6
19	0003320872	BLIND COVER	4
20	209337	COVER	1
21	209399	LOCK	2
22	209388	SWITCH/LIGHTS	1

Ref. No.	Part No.	Description	Qty.
23	209442	LIGHTS SYMBOL	1
24	209736	SWITCH/3RD CIRCUIT	1
25	209389	ELEC. OPER. IMPLEMENT SWITCH	3
26	209393	SWITCH/HEATER FAN	1
27	209445	HEATER FAN SYMBOL	1
28	209394	SWITCH/REAR WINDOW HEATER	1
29	209447	REAR WINDOW HEATER SYMBOL	1
30	209391	SWITCH/LOAD STABILIZER	1
31	209449	LOAD STABILIZER SYMBOL	1
32	209446	WORK LIGHT SYMBOL	1
33	209444	ROTATING BEACON SYMBOL (OPTION)	1
34	209443	ELEC. OPER. IMPLEMENT SYMBOL	1
35	7733661603	FUSE - 5 A	4
36	161376	FUSE - 7.5 A	6
37	161374	FUSE - 10 A	1
38	161375	FUSE - 15 A	2
39	164872	FUSE - 25 A	2
40	209453	FUSE - 30 A	1
41	209896	SWITCH/3RD CIRCUIT	1
42	209897	SWITCH/4TH CIRCUIT	1
43	207386	BOARD (ROPS OPTION)	1
44	203265	BRACKET	1

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280 - CAB - ELECTRICAL
1000129885

Ref. No.	Part No.	Description	Qty.
45	207662	SCREW	4
46	651456	LN INS M5-0.8 C8 ZY	4
47	101792	KEY	1

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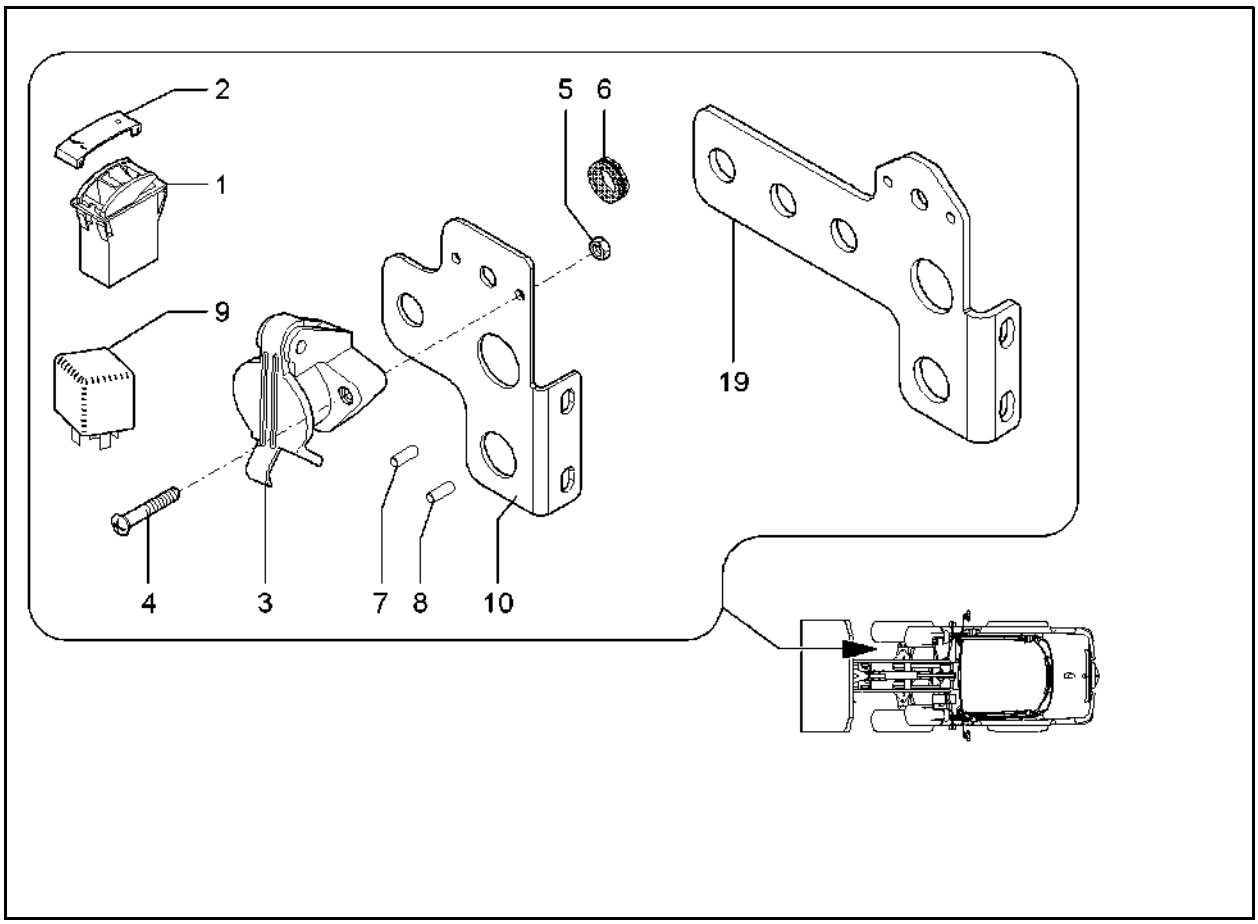

Ref. No.	Part No.	Description	Qty.
1	209389	SPEED CONTROL SWITCH	1
2	209443	ELEC. OPERATED IMPLEMEN. SYM-BOL	1
3	7731000001	SOCKET A 4	1
4	7250671592	SHCS M4X25-4.8 A2C	2
5	7405677002	HEX NUT M4-8 A2C	2
6	0009962042	DUCT RING	1
7	208470	ENDSLEEVE	2
8	208430	ENDSLEEVE	9
9	0003323317	RELAY 30 AMP	1
10	204708	BRACKET	1
19	203263	BRACKET	1

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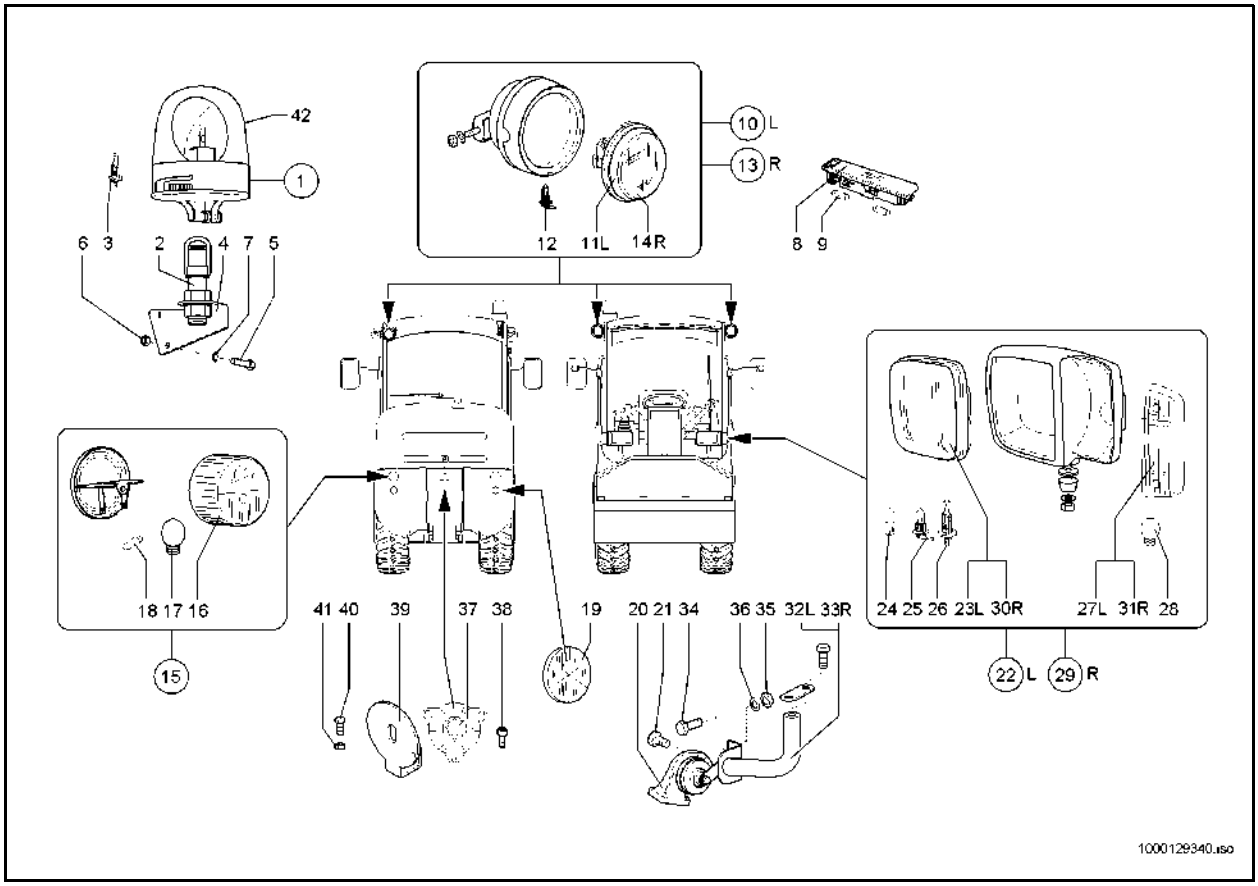
280 - WORK LIGHTS
1000129340



Ref. No.	Part No.	Description	Qty.
1	205469	ROTATING BEACON (INCLUDES 3 AND 42) See page 62 for individual components	1
2	0163320028	BASE	1
3	0003321610	BULB H1	1
4	209021	BRACKET	1
5	177648	HEX SCREW	2
6	7405677005	HEX NUT M8-8 A2C	2
7	163634	FLATWASHER	2
8	209383	DOME LIGHT	1
9	209298	BULB 10W	2
10	209384	WORK LIGHT W/HARDWARE LT	2
11	209831	HEADLIGHT INSERT	1
12	204941	BULB 55W	1
13	209385	WORK LIGHT W/HARDWARE RT	1
14	209831	HEADLIGHT INSERT	1
15	209195	REAR LIGHT	2
16	209826	LIGHT COVER	1
17	7734000917	LIGHT BULB P21W-12V	1
18	163010	BULB	1
19	209382	REFLECTOR	2
20	0003322105	HORN 12V	1
21	7236677079	HEX SCREW M6X16-8.8 A2C	1
22	209386	MAIN HEADLIGHT - LT	1

Ref. No.	Part No.	Description	Qty.
23	209827	LIGHT COVER	1
24	7734000926	BULB T4W-12V	1
25	204941	BULB 55W	1
26	209861	BULB 55W H7	1
27	209828	LIGHT COVER	1
28	7734000917	LIGHT BULB P21W-12V	1
29	209387	MAIN HEADLIGHT - RT	1
30	209827	LIGHT COVER	1
31	209828	LIGHT COVER	1
32	209732	BRACKET	1
33	209733	BRACKET	1
34	656008	CS M10-1.5X30 C8.8 ZY	4
35	651448	LN INS M10-1.5 C8 ZY	4
36	7451680112	WASHER B10.5-140HV A2C	8
37	0003322005	BACKUP ALARM	1
38	209285	SHCS	1
39	209254	BRACKET	1
40	656093	CS M8-1.25X16 C8.8 ZY	1
41	7405677005	HEX NUT M8-8 A2C	1
42	204723	ROTATING BEACON CAP (SN 341020355 AND UP)	1
	209066	ROTATING BEACON CAP (SN 341020354 AND BEFORE)	1

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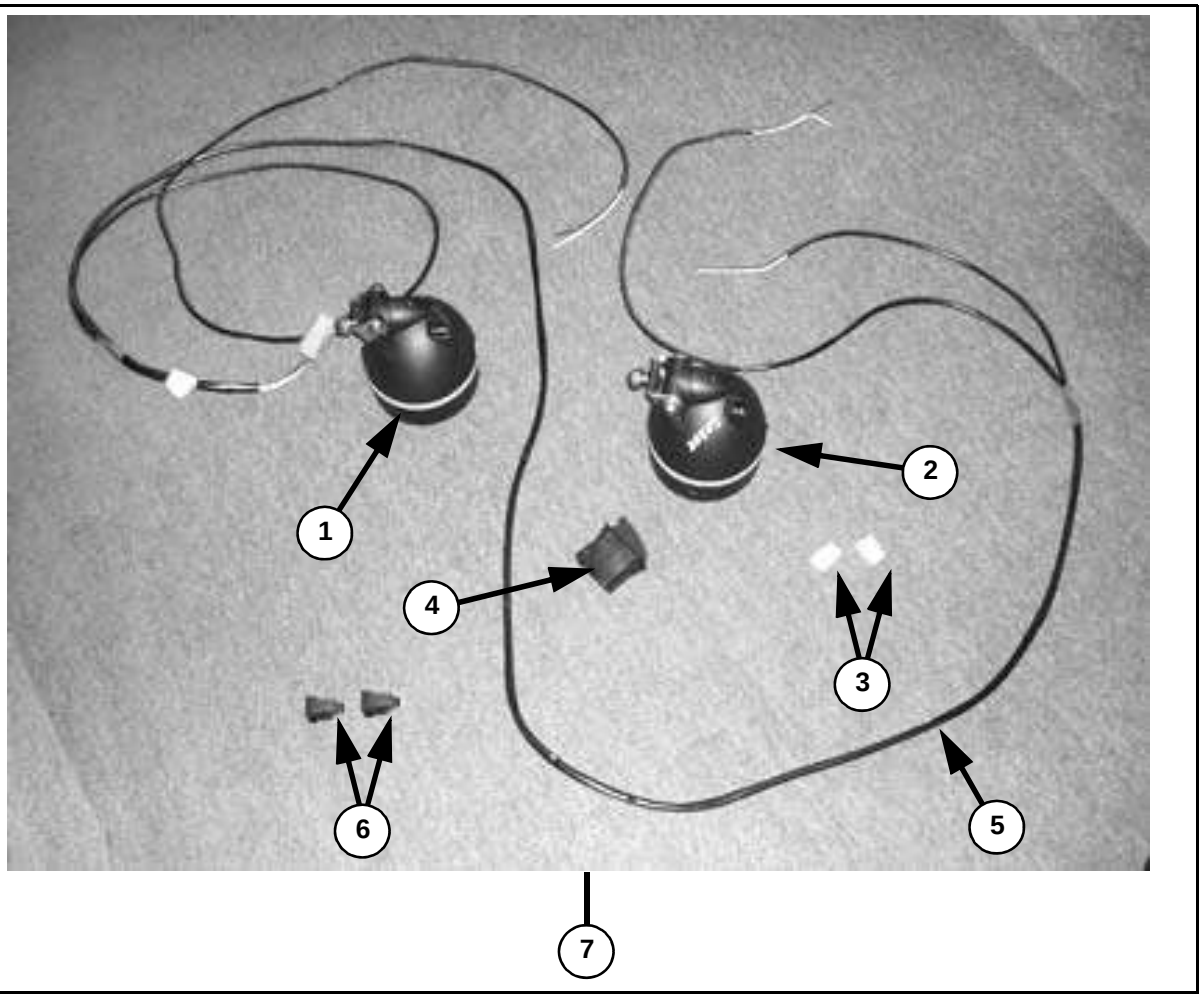

Ref. No.	Part No.	Description	Qty.
1	209384	WORK LIGHT W/HARDWARE LT	1
2	209385	WORK LIGHT W/HARDWARE RT	1
3	9709160G	LIGHT PLUG	2
4	209389	TILT SWITCH	1
5	208728	WIRE HARNESS	1
6	207454	LIGHT PLUG COVER	2

Ref. No.	Part No.	Description	Qty.
7	809273	WORK LIGHTS KIT	1
	204941	BULB 55W (NOT SHOWN)	2
	164868	FUSE - 20 A (NOT SHOWN)	1
	208453	SYMBOL HEADLIGHT (NOT SHOWN)	1
	162470	CRIMP ENDS (NOT SHOWN)	4

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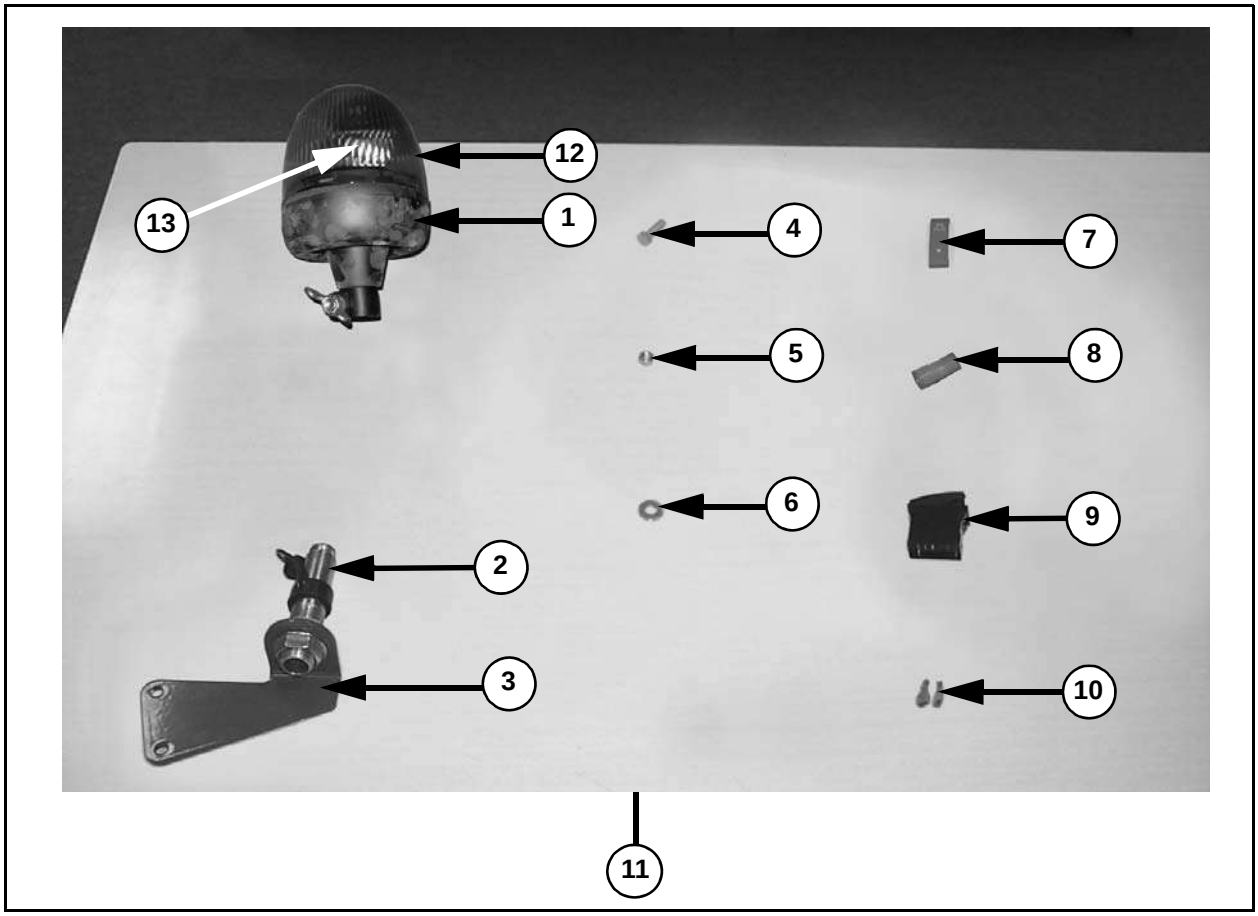
280 - ROTATING BEACON (OPTION)
809309



Ref. No.	Part No.	Description	Qty.
1	205469	ROTATING BEACON (INCLUDES 12 AND 13)	1
2	0163320028	BASE	1
3	209021	BEACON MOUNTING BRACKET	1
4	177648	HEX SCREW	2
5	7405677005	HEX NUT M8-8 A2C	2
6	163634	WASHER	2
7	209444	ROTATING BEACON SYMBOL	1

Ref. No.	Part No.	Description	Qty.
8	0003339365	SOCKET HOUSING	1
9	209389	ROCKER SWITCH	1
10	0003330111	FLAT PLUG SLEEVE	2
11	809309	ROTATING BEACON KIT	1
12	204723	ROTATING BEACON CAP (SN 341020355 AND UP)	1
	209066	ROTATING BEACON CAP (SN 341020354 AND BEFORE)	1
13	0003321610	BULB H1	1

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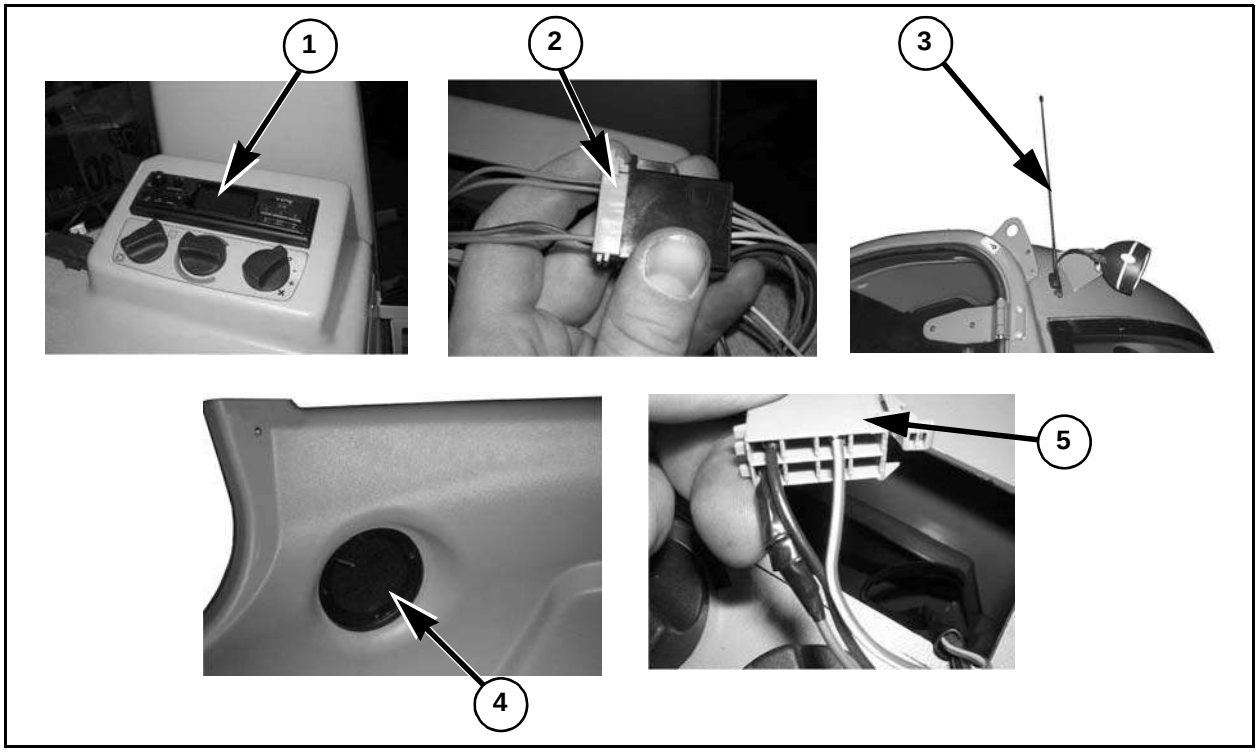

Ref. No.	Part No.	Description	Qty.
1	201839	RADIO	1
2	207543	CONNECTOR/SPEAKER	1
3	207544	ROD/ANTENNA	1
4	207545	SPEAKERS/PAIR	1

Ref. No.	Part No.	Description	Qty.
5	207546	CONNECTOR/POWER	1
6	0003330366	CRIMP END CONNECTOR (NOT SHOWN)	7

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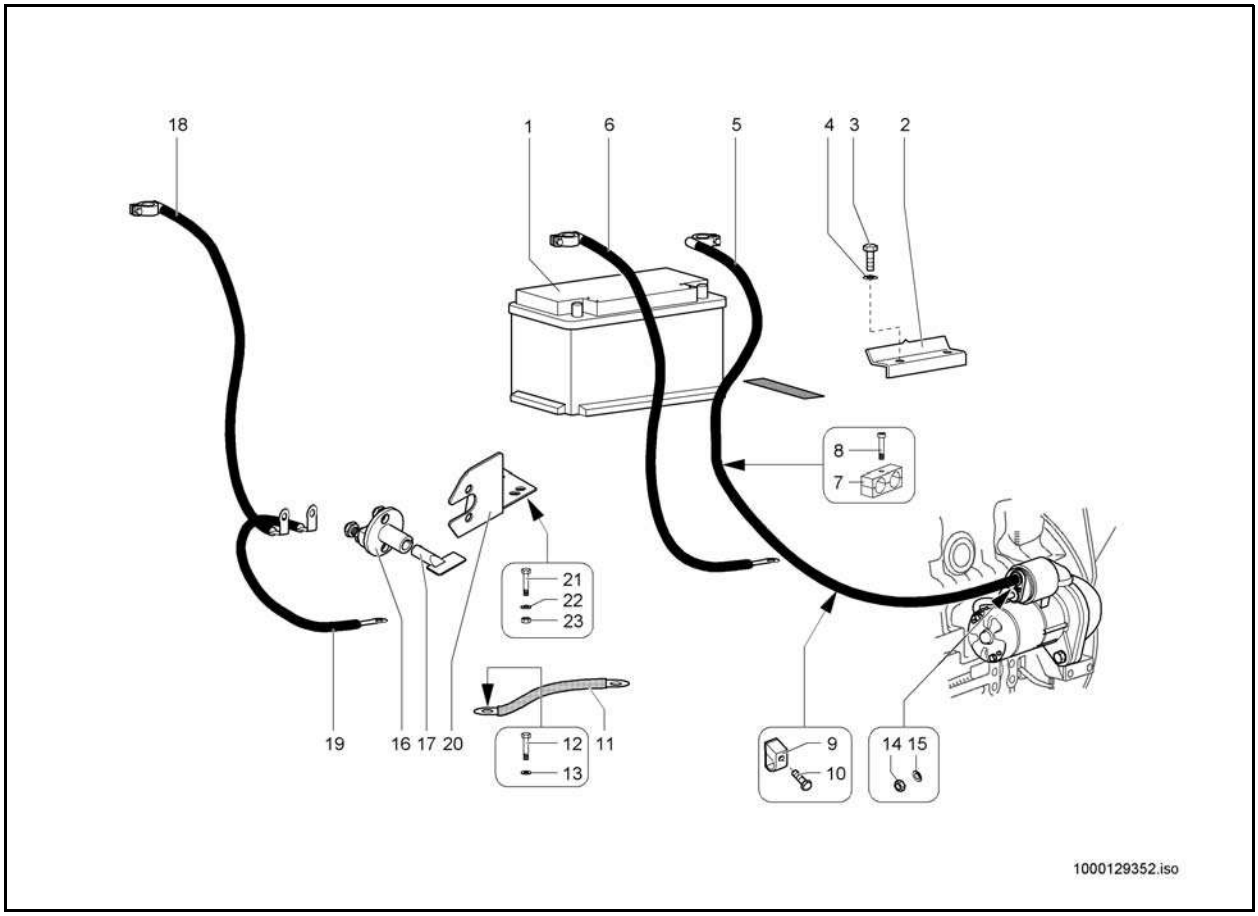
280 - BATTERY
1000129352



Ref. No.	Part No.	Description	Qty.
1	*	BATTERY	1
2	1383350040	BRACKET	1
3	656105	CS M8-1.25X25 C8.8 ZY	2
4	163634	FLATWASHER	2
5	0003306612	BATTERY CABLE - POSITIVE	1
6	209546	BATTERY CABLE - NEGATIVE	1
7	0009936250	CLAMP	1
8	651517	SHCS M8-1.25X30 C8.8 ZY	1
9	209231	CLAMP	2
10	656093	CS M8-1.25X16 C8.8 ZY	1
11	208660	GROUND STRAP	1
12	656006	CS M10X20	1

Ref. No.	Part No.	Description	Qty.
13	7451680112	WASHER B10.5-140HV A2C	2
14	656048	HN M8-1.25 C8 ZY	1
15	163634	FLATWASHER	1
16	0003339608	SHUT-OFF SWITCH	1
17	0000801464	KEY	1
18	209707	BATTERY CABLE	1
19	209721	BATTERY CABLE	1
20	209504	BRACKET	1
21	651424	CS M6-1X20 C8.8 ZY	2
22	7451680109	WASHER B6.4-140HV A2C	2
23	651457	LN INS M6-1 C8 ZY	2

***Purchase locally. Group size 47 (Alt 91); 570 CCA.**

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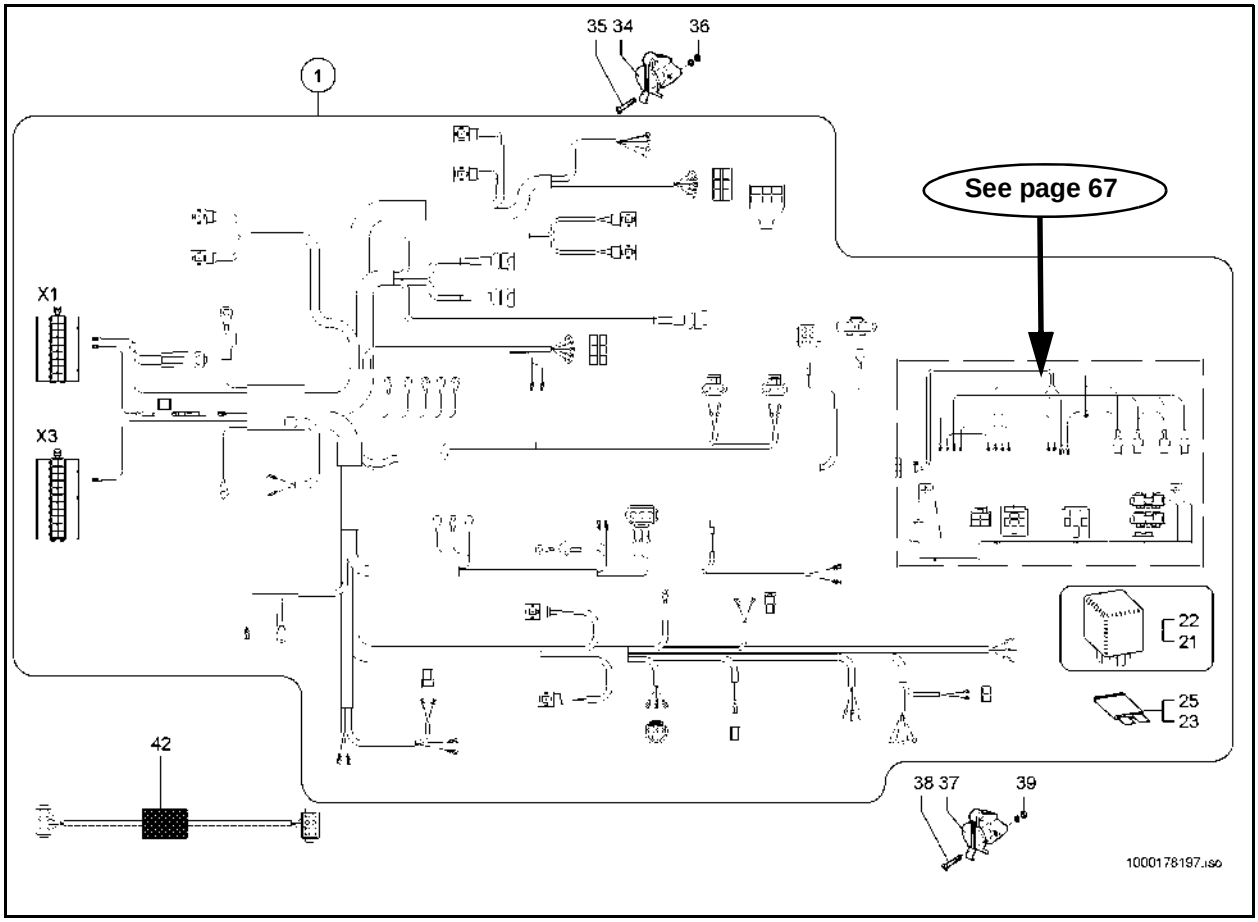

Ref. No.	Part No.	Description	Qty.
1	203256	WIRING HARNESS	1
21	0003322917	RELAY 70 A	1
22	205214	RELAY 40/60 AMP	1
23	162838	FUSE 40 A	1
25	209199	FUSE - 80 AMP	1
34	7731000001	SOCKET A 4	1

Ref. No.	Part No.	Description	Qty.
35	7250671592	SHCS M4X25-4.8 A2C	2
36	7405677002	HEX NUT M4-8 A2C	2
37	0003331010	SOCKET (PVC - BLACK)	1
38	209286	SHCS	3
39	651456	LN INS M5-0.8 C8 ZY	3
42	208609	CABLE	1

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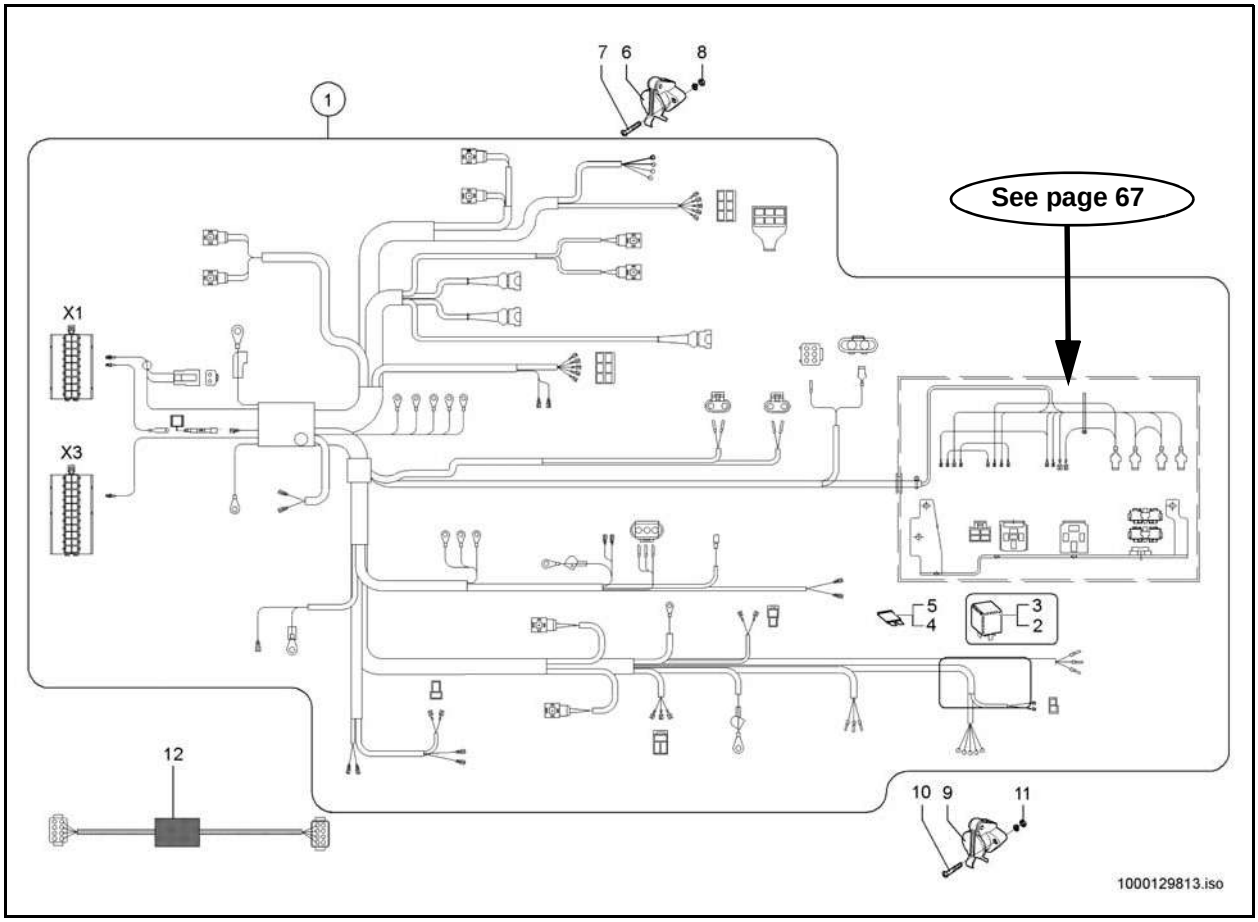
280 - MAIN HARNESS
1000129813 - (SN 341020017-341020590)



Ref. No.	Part No.	Description	Qty.
1	209870	WIRE HARNESS	1
2	0003322917	RELAY - 70 A	1
3	205214	RELAY - 40/60 A	1
4	162838	FUSE - 40 A	1
5	209199	FUSE - 80 A	1
6	7731000001	SOCKET A 4	1

Ref. No.	Part No.	Description	Qty.
7	7250671592	SHCS M4X25-4.8 A2C	2
8	7405677002	HEX NUT M4-8 A2C	2
9	0003331010	SOCKET (PVC - BLACK)	1
10	209286	SHCS	3
11	651456	LN INS M5-0.8 C8 ZY	3
12	208609	CABLE	1

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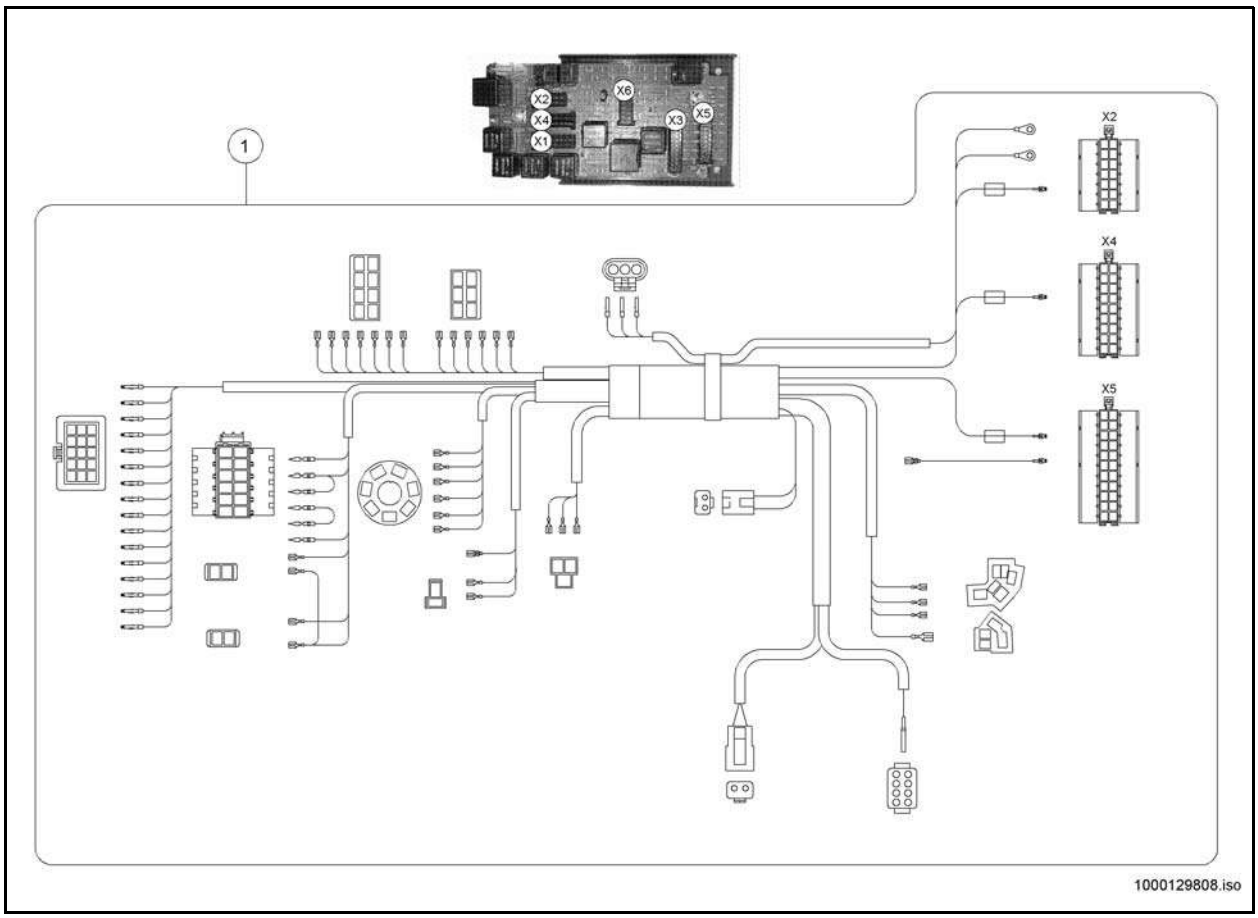

Ref. No.	Part No.	Description	Qty.
1	209943	WIRE HARNESS	1

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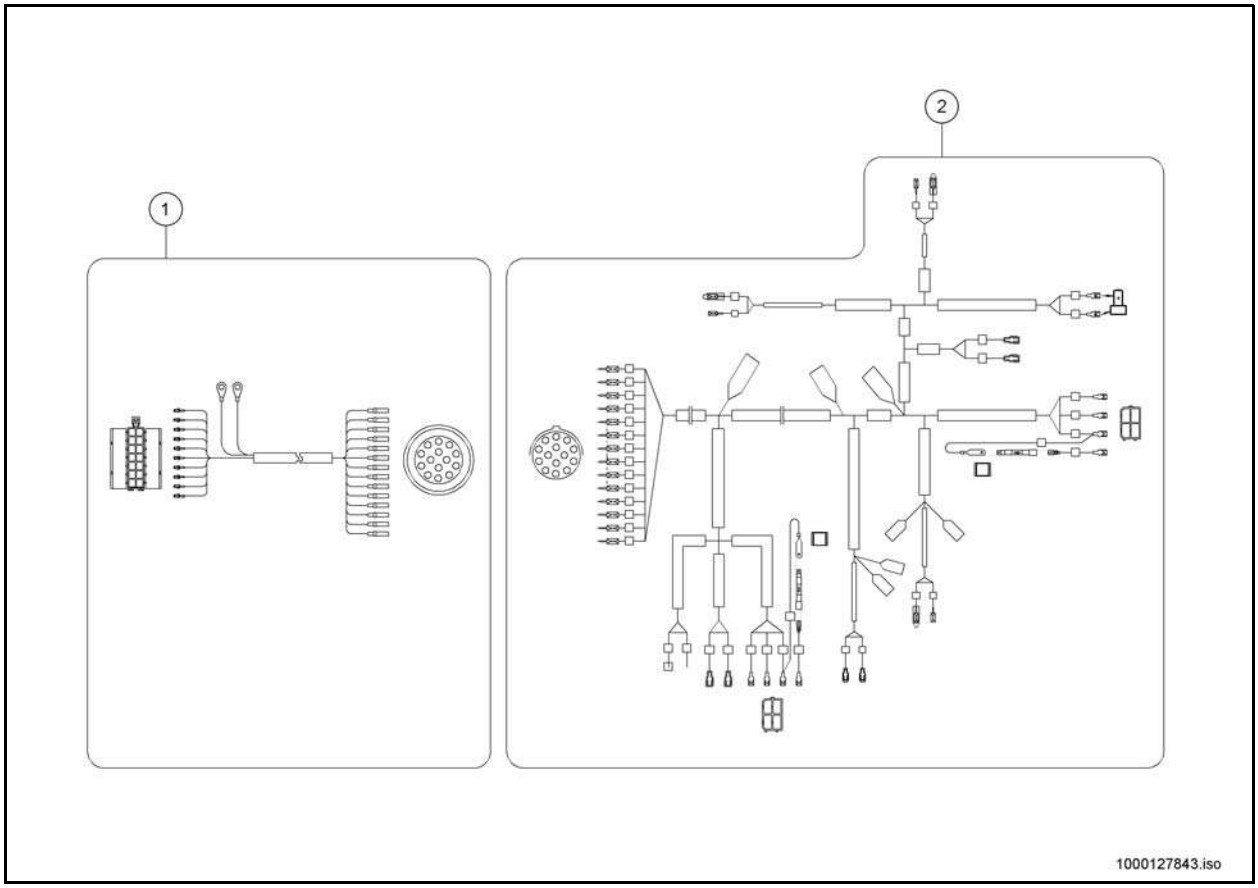
280 - WIRE HARNESS - ROOF
1000127843



Ref. No.	Part No.	Description	Qty.
1	209336	WIRE HARNESS	1

Ref. No.	Part No.	Description	Qty.
2	207414	WIRE HARNESS	1

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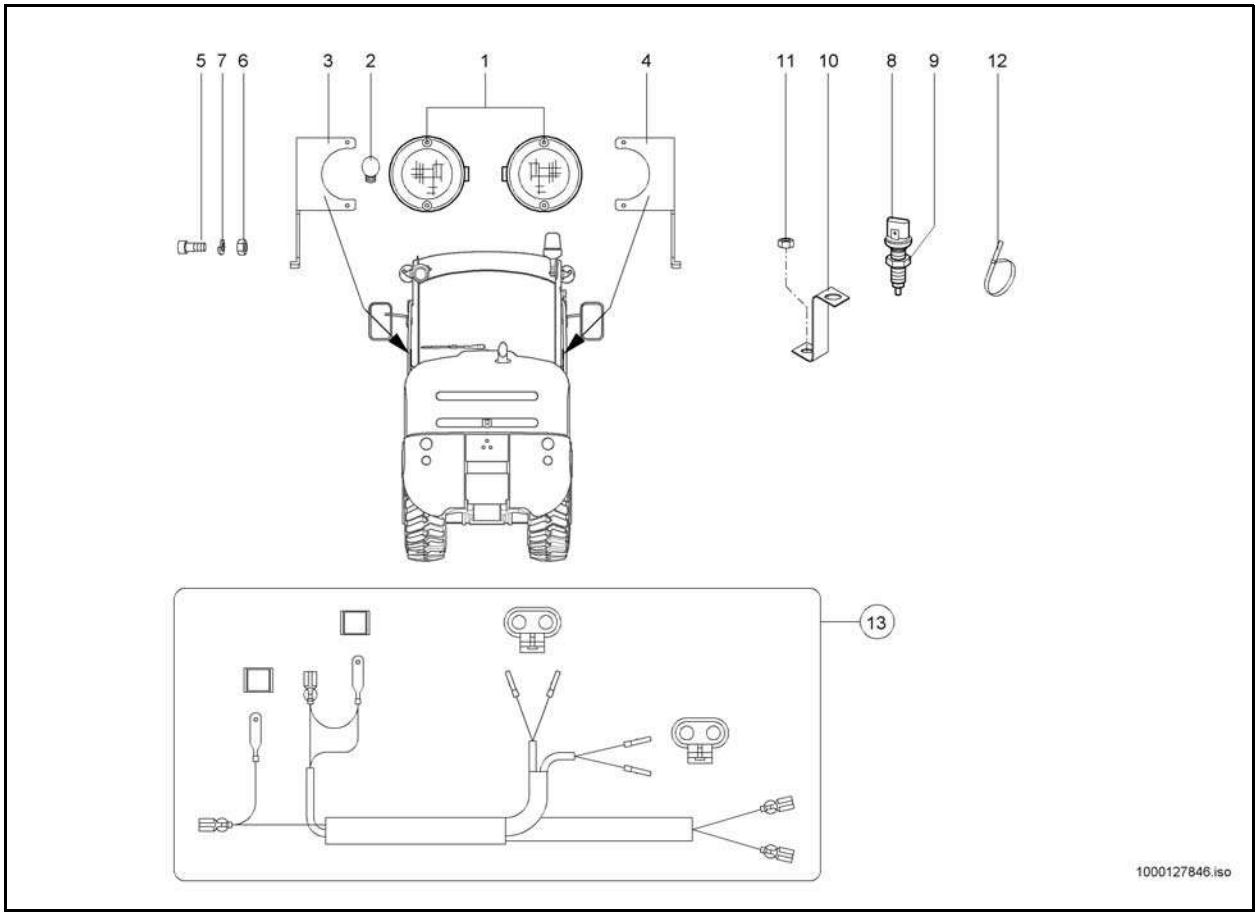

Ref. No.	Part No.	Description	Qty.
1	209849	BRAKE/REAR LIGHT	2
2	7734000917	LIGHT BULB P21W-12V	2
3	209850	BRACKET	1
4	209851	BRACKET	1
5	209284	SHCS	4
6	209290	HEXAGON NUT	4
7	209294	SPRING RING	4

Ref. No.	Part No.	Description	Qty.
8	209874	BRAKE LIGHT SWITCH	1
9	7404677210	HEX NUT M12X1.5-04 A2C	1
10	209873	ANGLE BRACKET	1
11	656047	HN M6-1 C8 ZY	1
12	0009933315	CABLE STRAP	6
13	209876	WIRE HARNESS	1

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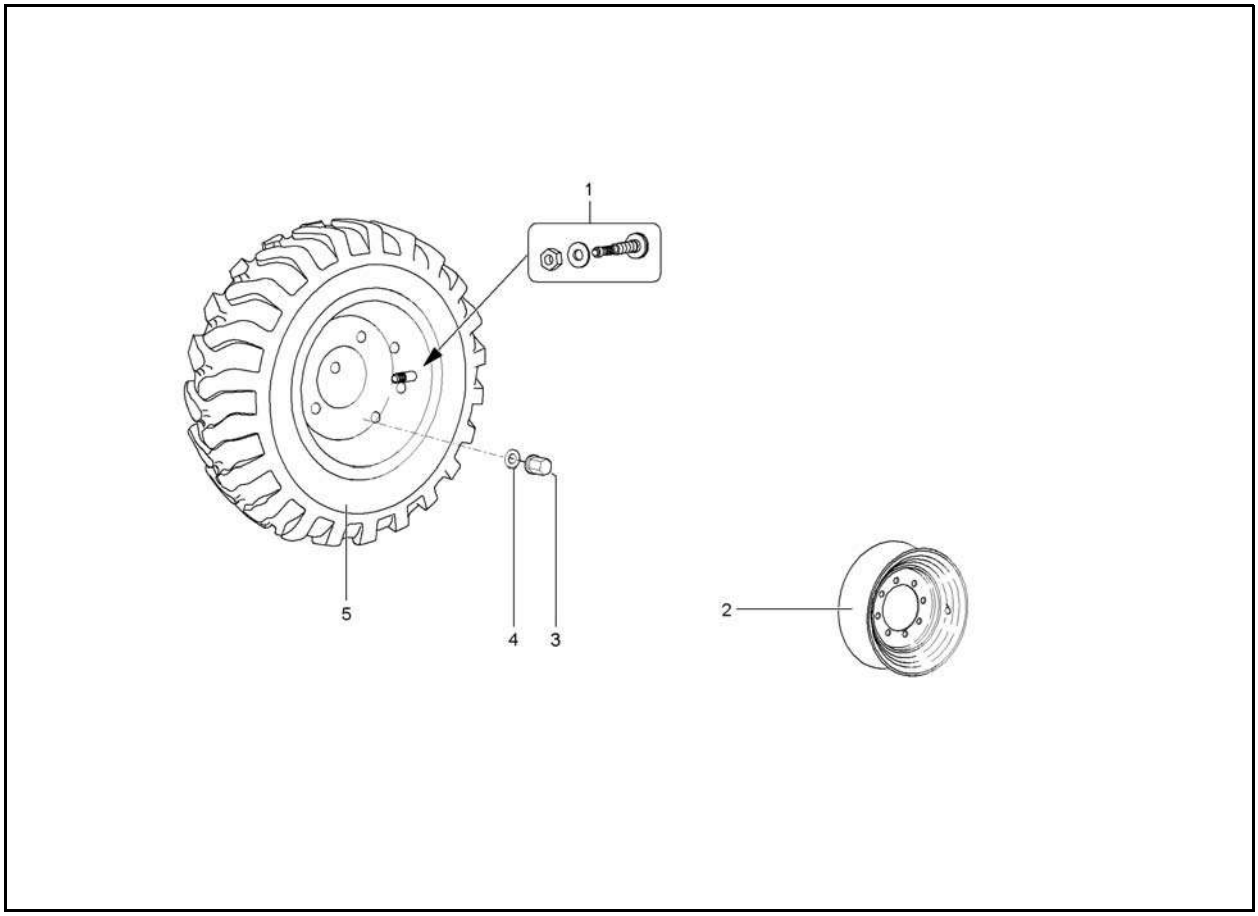
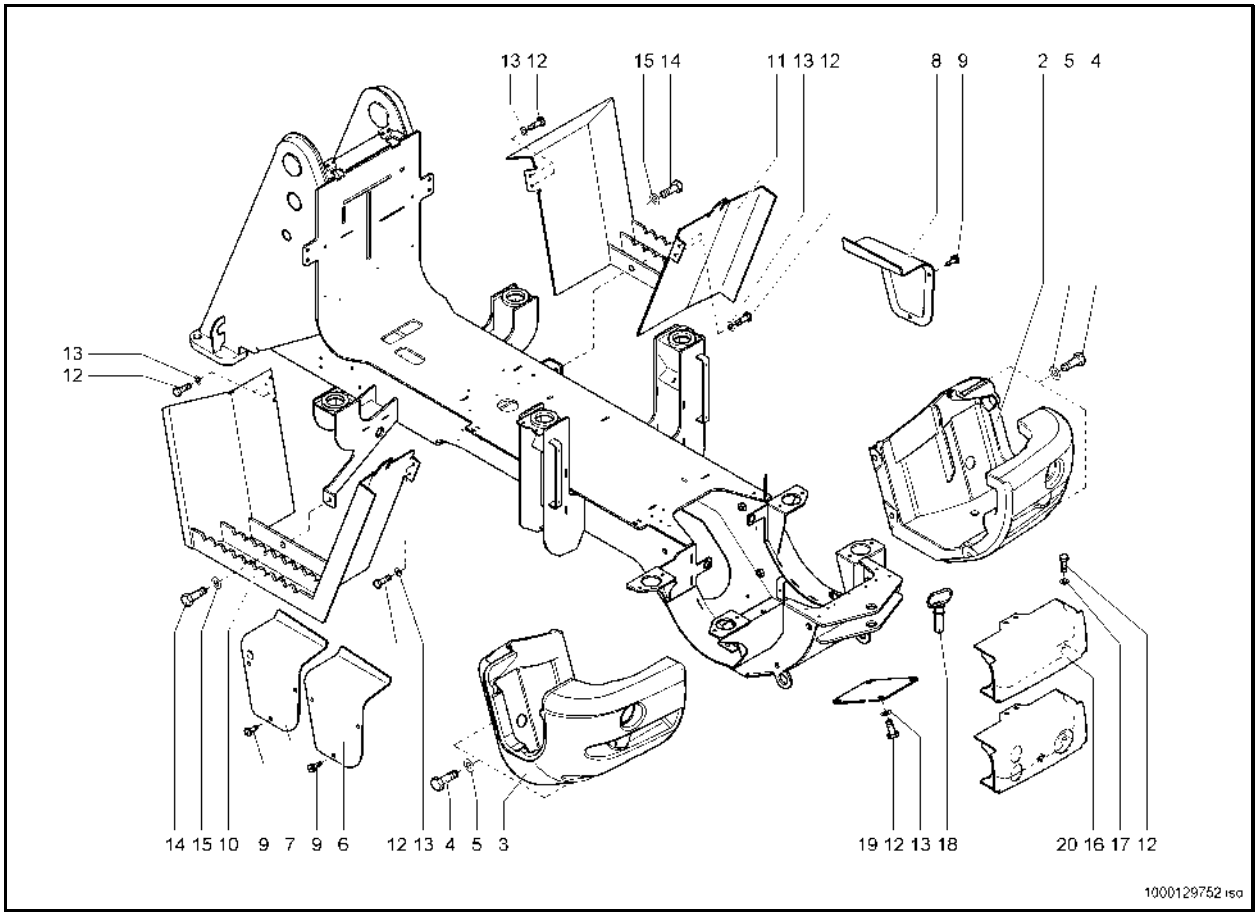


Ref. No.	Part No.	Description	Qty.
1	209996	AIR VALVE	4
2	209187	WHEEL 9X18 STD TREAD	4
3	209723	WHEEL NUT	24
4	209998	SPRING RING	24
5	209186	T/W ASSY 12.0-18 STD TREAD	4

https://tractormanualz.com/



Ref. No.	Part No.	Description	Qty.
2	209315	COUNTERWEIGHT RT	1
3	209314	COUNTERWEIGHT LT	1
4	209281	HEX SCREW	6
5	7451680116	WASHER B17-140HV A2C	6
6	209726	COVER	1
7	209169	COVER	1
8	209313	SCREEN	1
9	7286671503	PAN-HEAD SCREW M6X16	6
10	209249	STEP STRAP/LT	1
11	209250	STEP STRAP/RT	1

Ref. No.	Part No.	Description	Qty.
12	656093	HEX SCREW	15
13	163634	FLATWASHER	11
14	656006	CS M10X20	2
15	7451680112	WASHER B10.5-140HV A2C	2
16	209251	CONNECTION PLATE	1
17	7462680011	WASHER 8.4 ST A2C	4
18	0382000029	TOWING PIN	1
19	209333	COVER	1
20	209813	CONNECTION PLATE	1

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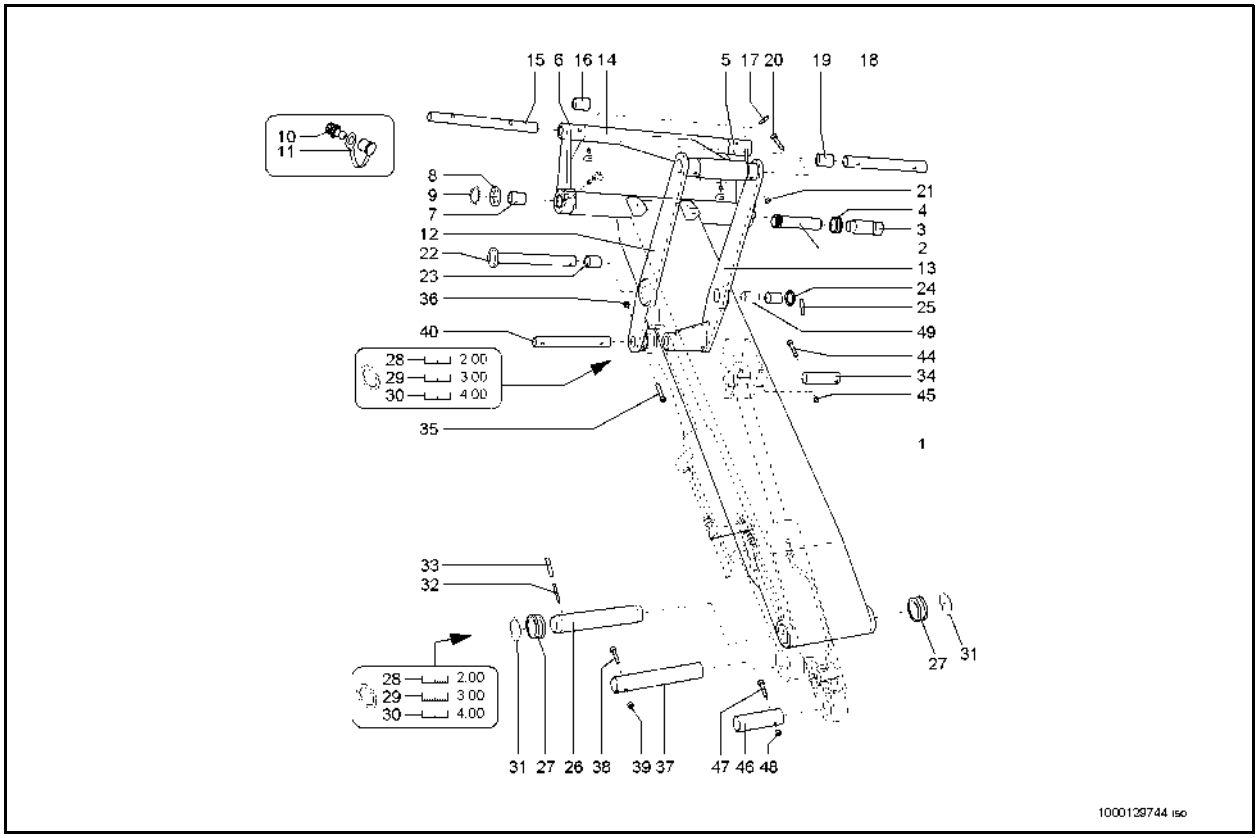
280 - LIFT ARM
1000129744



Ref. No.	Part No.	Description	Qty.
1	209900	LIFT ARM	1
2	0394160260	PISTON ROD	2
3	209371	GUIDE TUBE	2
4	209818	SEAL KIT	2
5	209270	MOUNTING - RT	1
6	209267	MOUNTING - LT	1
7	209235	BEARING BUSHING	2
8	209505	SHIM	AR
9	209502	LOCK RING	2
10	7761675404	GREASE ZERK	5
11	0009963151	COVER	5
12	209266	TILT LEVER - LT	1
13	209269	TILT LEVER - RT	1
14	209268	TILT ROD	1
15	209374	PIN	1
16	209234	BUSHING	2
17	0009955669	THREAD PIN	2
18	209372	PIN	1
19	209234	BUSHING	2
20	651439	HB M8-1.25X80 C8.8 ZY	2
21	7405677005	HEX NUT M8-8 A2C	2
22	209368	PIN	1
23	209236	BUSHING	2

Ref. No.	Part No.	Description	Qty.
24	209273	SPACER	2
25	209296	COTTER PIN	1
26	209375	PIN	1
27	209237	BUSHING	2
28	0009977020	SHIM - 2.0 MM	AR
29	0009977120	SHIM - 3.0 MM	AR
30	0009977220	SHIM - 4.0 MM	AR
31	7490682404	LOCK RING	2
32	209295	COTTER PIN	1
33	177658	COTTER PIN	1
34	209373	PIN	1
35	651440	HB M8-1.2 X 90 C 8.8 ZO	1
36	7405677005	HEX NUT M8-8 A2C	1
37	209376	PIN	1
38	651439	HB M8-1.25X80 C8.8 ZY	1
39	7405677005	HEX NUT M8-8 A2C	1
40	209642	PIN	1
44	651440	HB M8-1.25X90 C8.8 ZY	2
45	7405677005	HEX NUT M8-8 A2C	2
46	209376	PIN	1
47	651439	HB M8-1.25X80 C8.8 ZY	1
48	7405677005	HEX NUT M8-8 A2C	1
49	207366	PIPE	1

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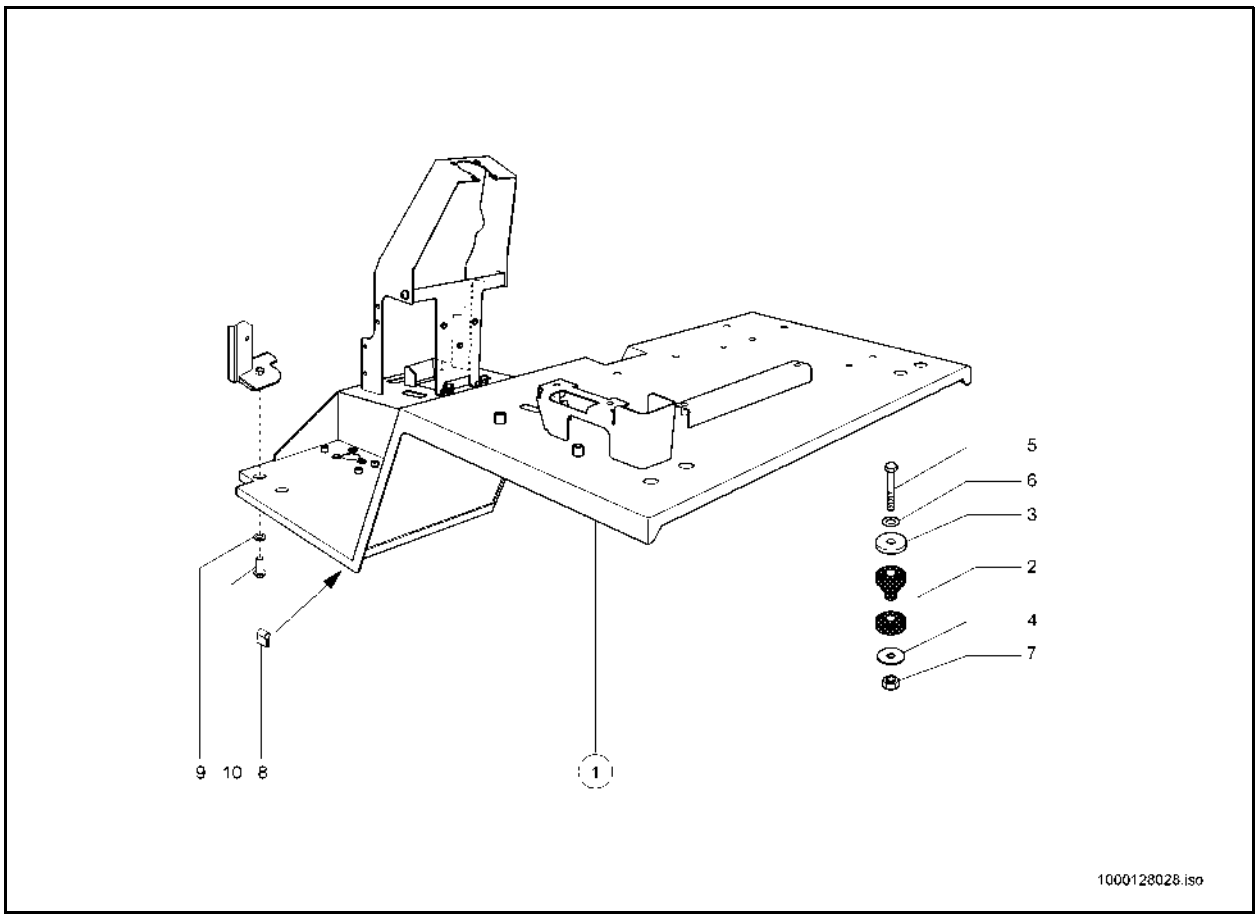

Ref. No.	Part No.	Description	Qty.
1	209731	FLOOR ASSEMBLY	1
2	0009935184	ISO MOUNT	4
3	209501	WASHER (SN 341020565 AND BEFORE)	4
4	0009939764	WASHER	8
5	7234677179	HEX SCREW M16X100-8.8 A2C	4

Ref. No.	Part No.	Description	Qty.
6	7451680116	WASHER B17-140HV A2C	4
7	651451	HLN INS M16-2.0 ZO	4
8	209676	SEAL	1
9	209700	SPACER	4
10	209711	SCREW	4

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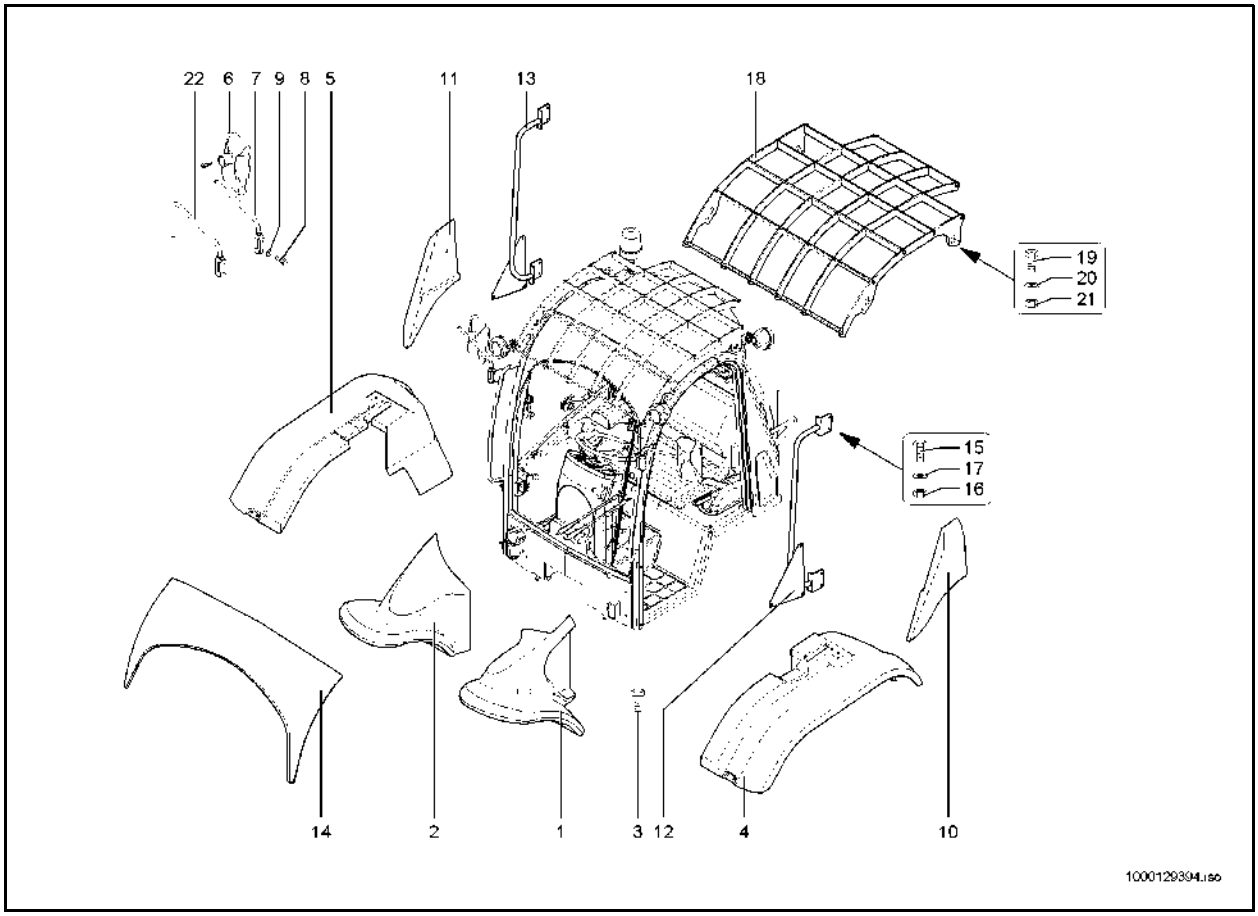
280 - TRIM
1000129394

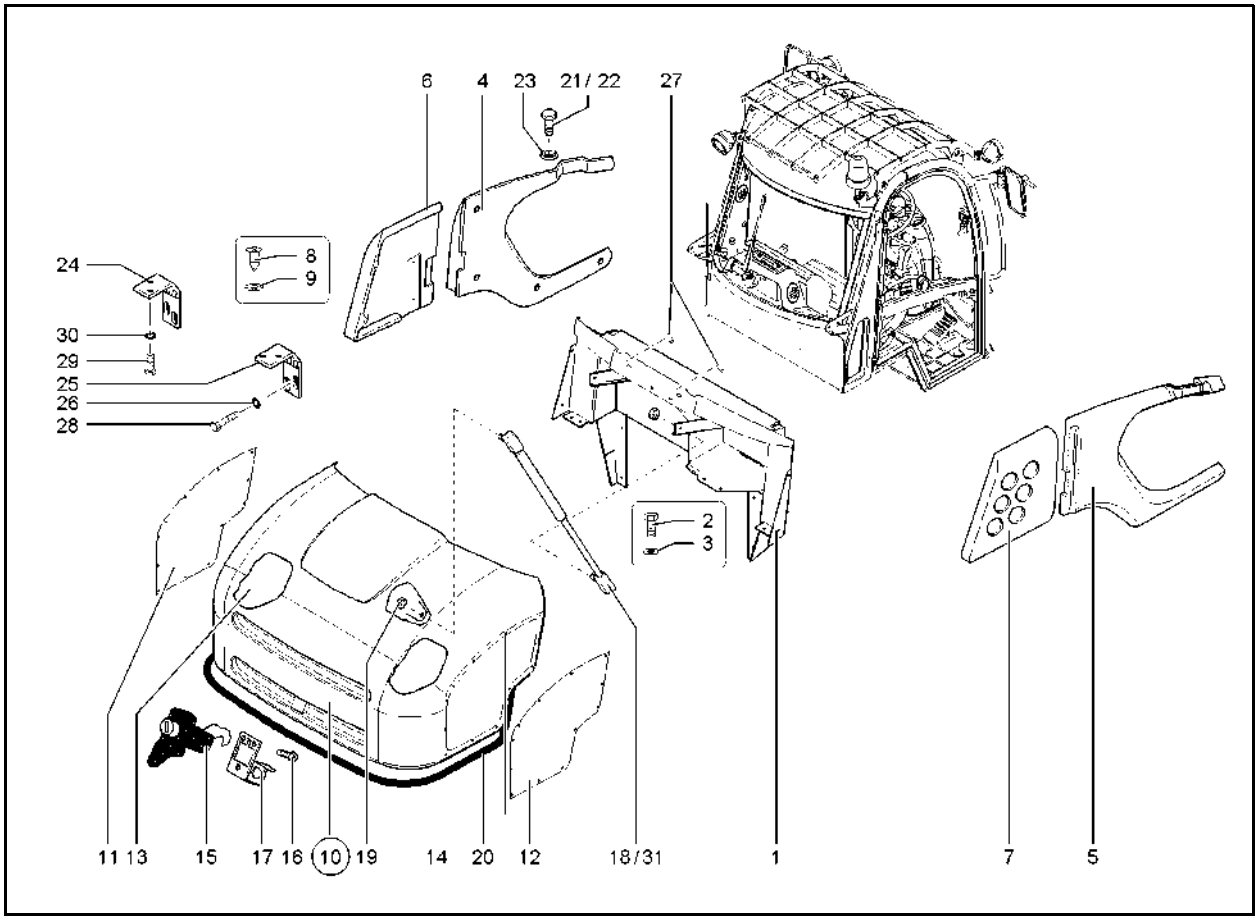


Ref. No.	Part No.	Description	Qty.
1	209329	WHEEL COVER	1
2	209330	WHEEL COVER	1
3	209469	SCREW	12
4	209331	WHEEL COVER	1
5	209332	WHEEL COVER	1
6	0000801594	MIRROR	2
7	*	MIRROR BRACKET (SN 341020348 AND BEFORE)	2
8	7236677079	HEX SCREW M6X16-8.8 A2C	4
9	7462680008	WASHER	4
10	209354	TRIM	1
11	209355	TRIM	1
12	209339	HANDLE	1

Ref. No.	Part No.	Description	Qty.
13	209340	HANDLE	1
14	209342	ROOF	1
15	656004	CS M8-1.25X55 C8.8 ZY	8
16	7405677005	HEX NUT M8-8 A2C	8
17	163634	FLATWASHER	8
18	209367	FOPS SCREEN	1
19	651406	CS M12-1.75X35 C10.9 ZY	4
20	7451680113	WASHER B13-140HV A2C	8
21	179793	NUT	4
22	209055	MIRROR BRACKET (SN 341020349 AND UP)	2

*** Replaced by 204727 Mirror Bracket Repair Kit (Consists of (2) mirror brackets - 209055).**

https://tractormanualz.com/



Ref. No.	Part No.	Description	Qty.
1	209545	CONNECTION	1
2	656093	CS M8-1.25X16 C8.8 ZY	4
3	163634	FLATWASHER	4
4	209260	DOOR TRIM - LT	1
5	209261	DOOR TRIM - RT	1
6	209352	TRIM LT	1
7	209353	TRIM RT	1
8	209637	SCREW	8
9	7462680008	WASHER	8
10	209328	ENGINE HOOD	1
11	209334	SCREEN	1
12	209335	SCREEN	1
13	209346	ISOLATION MAT	1
14	209561	ISOLATION MAT	1
15	209616	LOCK	1
16	9901666G	SCREW	3

Ref. No.	Part No.	Description	Qty.
17	209252	BRACKET	1
18	209344	GAS STRUT 400 N (SN 341020595 AND BEFORE)	2
19	7405677005	HEX NUT M8-8 A2C	2
20	209327	PROFILE FRAME	1
21	209469	SCREW	4
22	207387	SCREW 6X20	1
23	207388	SEAL	5
24	206988	HINGE	1
25	206987	HINGE	1
26	161662	WASHER/GR A 8.4 ZO	4
27	208502	THREAD PLATE	2
28	177648	HEX SCREW	4
29	651430	CS M8-1.25X12 C8.8 ZY	4
30	163634	WASHER	4
31	203260	GAS STRUT 250 N (SN 341020596 AND UP)	2

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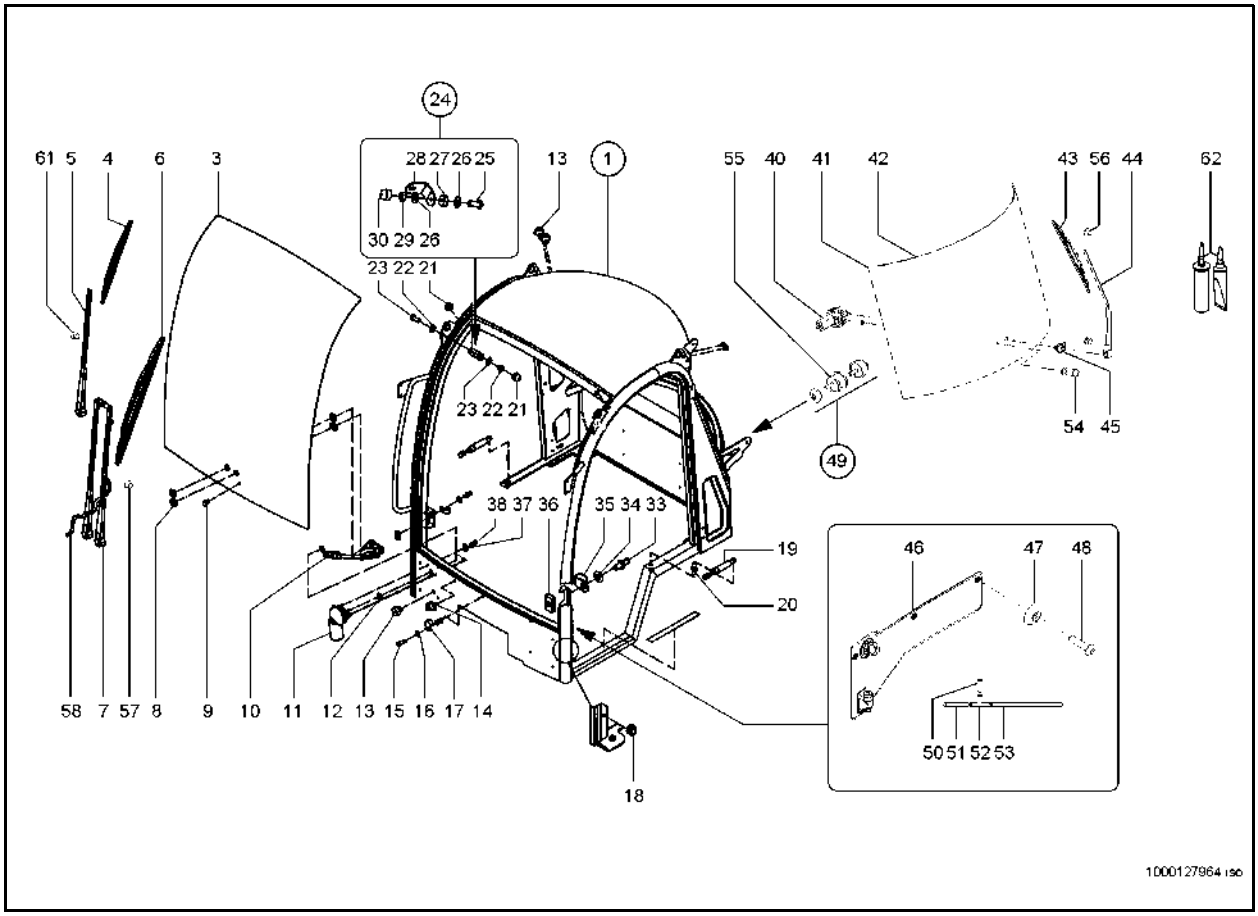

Ref. No.	Part No.	Description	Qty.
1	209739	CAB/COMPLETE WITH GLASS*	1
3	209572	FRONT WINDOW	1
4	209623	WIPER BLADE	1
5	209622	WIPER ARM	1
6	209602	WIPER BLADE	1
7	209618	WIPER ARM	1
8	209695	SPACER	4
9	209696	PLUG	1
10	209541	SWIVEL PIN	1
11	209619	WIPER MOTOR	1
12	209678	RUBBER DISC	1
13	209706	SCREW	1
14	209713	ANGLE	1
15	209677	SCREW	1
16	209687	SPACER	1
17	209679	BRACKET	1
18	209714	SLEEVE	1

Ref. No.	Part No.	Description	Qty.
19	209636	CYLINDER	2
20	209688	BALL PLUG	2
21	209715	SLEEVE	1
22	209859	SPACER	1
23	209737	SCREW	1
24	209680	BRACKET	2
25	209855	SCREW	1
26	209673	SPACER	2
27	209686	SPACER	1
28	209669	FIXING	1
29	209671	NUT	1
30	209712	PLUG	1
31	656048	HN M8-1.25 C8 ZY	1
32	209658	PLUG	1
33	209705	CATCH BOLT	2
34	209697	SPACER	2
35	209681	BRACKET	2

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Ref. No.	Part No.	Description	Qty.
36	209672	PLATE	2
37	209708	SCREW	1
38	209698	SPACER	1
39	209699	SPACER	1
40	209603	WIPER MOTOR	1
41	209684	REAR WINDOW	1
42	207377	REAR WINDOW	1
43	209621	WIPER BLADE	1
44	209620	WIPER ARM	1
45	209713	ANGLE	1
46	209624	WATER CONTAINER	1
47	209670	SYNTHETIC DISC	3
48	209709	SCREW	3
49	0000809082	PIN	2
50	204701	HOSE (0.5M)	1
51	206046	HOSE (0.72M)	1
52	209703	T-FITTING	1
53	204702	HOSE (3.5M)	1
54	209658	PLUG	1
55	207394	BUFFER	2
56	204728	NOZZLE	1
57	204729	NOZZLE	1
58	206046	HOSE (1.00M)	2
61	209138	NOZZLE	2
62	0004412533	WINDOW PANE ADHESIVE SET SIKA TACK	1

***Includes 209731 Floor Assy located on page 73.**

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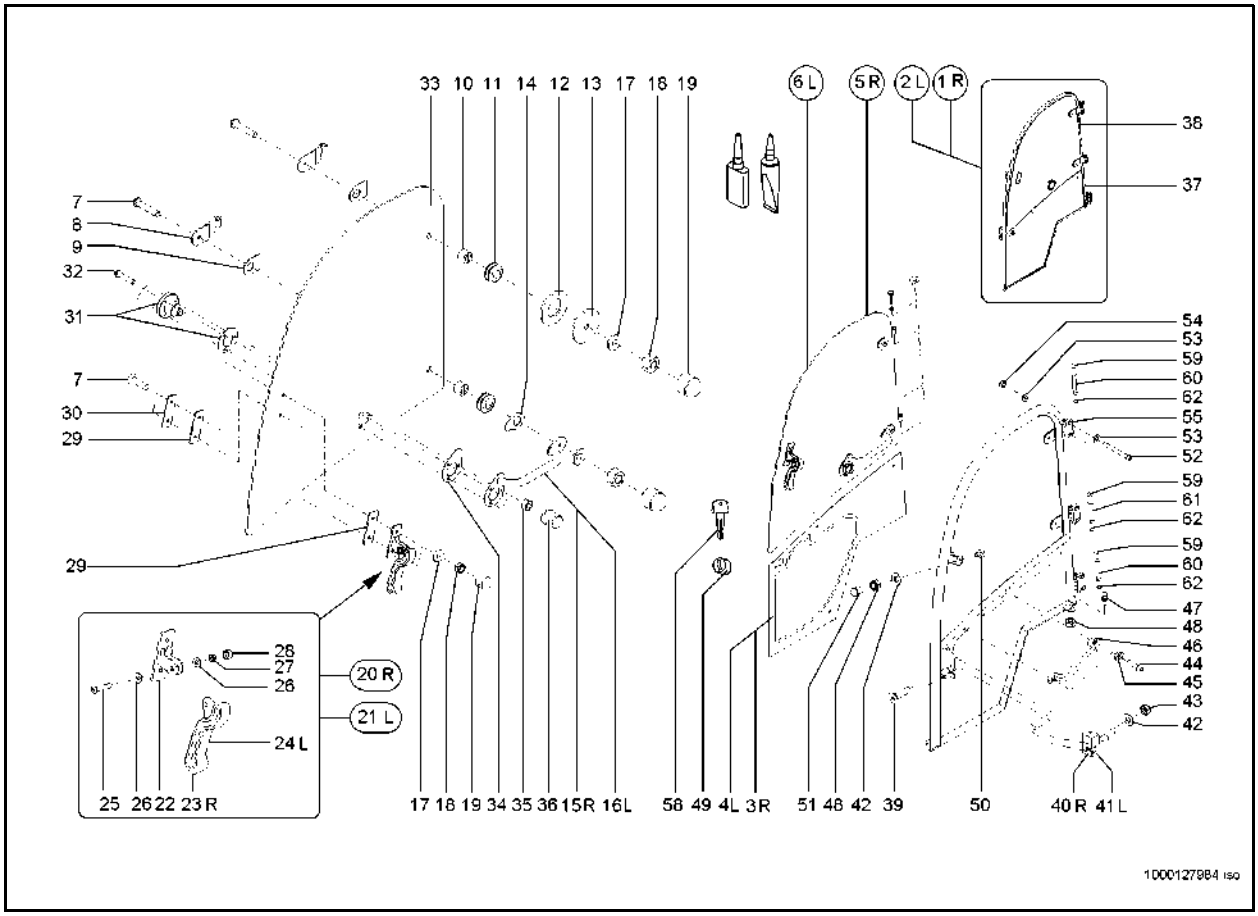
280 - CAB DOOR
1000127984



Ref. No.	Part No.	Description	Qty.
1	209643	DOOR - RT	1
2	209644	DOOR - LT	1
3	209526	SIDE WINDOW - RT	1
4	209527	SIDE WINDOW - LT	1
5	209648	SIDE WINDOW - RT	1
6	209693	SIDE WINDOW - LT	1
7	209649	SCREW	4
8	209650	HINGE	2
9	209651	RUBBER PLATE	2
10	209652	BUSHING	2
11	209653	SLEEVE	2
12	209654	RUBBER PLATE	1
13	209655	SPACER	1
14	209656	RUBBER PLATE	1
15	209657	HANDLE - RT	1
16	209682	HANDLE - LT	1
17	209859	SPACER	4
18	656048	HN M8-1.25 C8 ZY	4
19	209658	PLUG	4
20	209659	DOOR FASTENER - RT	1

Ref. No.	Part No.	Description	Qty.
21	209694	DOOR FASTENER - LT	1
22	209660	BRACKET	1
23	209661	LEVER - RT	1
24	209683	LEVER - LT	1
25	209649	SCREW	1
26	209859	SPACER	2
27	656048	HN M8-1.25 C8 ZY	1
28	209658	PLUG	1
29	209662	RUBBER PLATE	2
30	209660	BRACKET	1
31	209530	DOOR FASTENER	1
32	209664	SCREW	3
33	209525	SIDE WINDOW	1
34	209665	RUBBER PLATE	1
35	209666	NUT	3
36	209856	PLUG	3
37	209667	SEAL	1
38	209668	SEAL	1
39	209675	SCREW	2
40	0000809459	LOCK - RT	1

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Ref. No.	Part No.	Description	Qty.
41	0000809458	LOCK - LT	1
42	209859	SPACER	3
43	656048	HN M8-1.25 C8 ZY	2
44	209677	SCREW	2
45	209687	SPACER	2
46	209586	HANDLE	1
47	209688	BALL PLUG	1
48	656048	HN M8-1.25 C8 ZY	2
49	209528	OUTSIDE LOCK/LATCH W/O KEY	1
50	209689	BALL PLUG	1

Ref. No.	Part No.	Description	Qty.
51	209658	PLUG	1
52	209710	SCREW	4
53	209859	SPACER	8
54	656048	HN M8-1.25 C8 ZY	4
55	209692	HINGE	2
58	209750	DOOR KEY W/O LOCK	2
59	209857	RING	6
60	209690	PIN	4
61	209691	PIN	2
62	209674	MOUNTING	6

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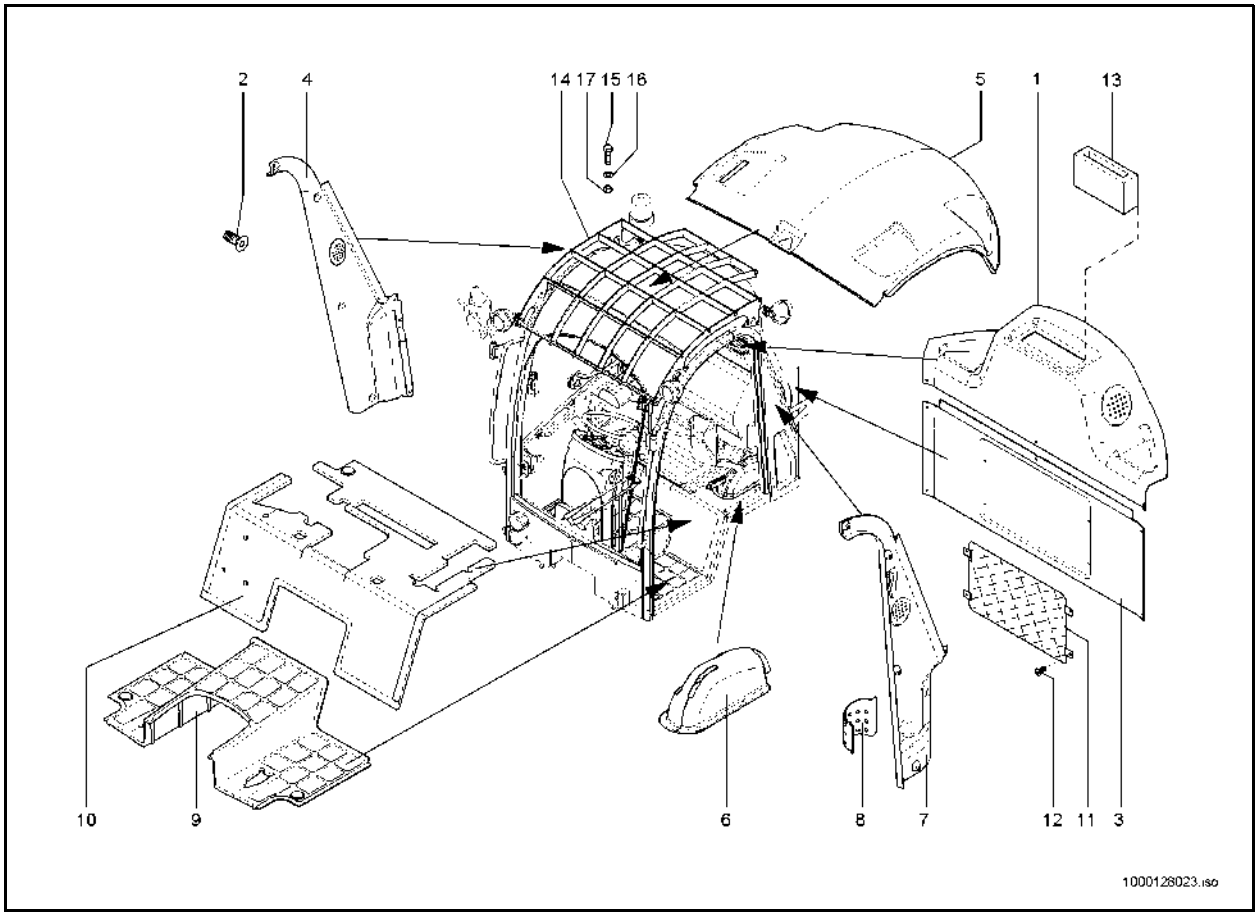
280 - CAB TRIM
1000128023



Ref. No.	Part No.	Description	Qty.
1	209258	TRIM	1
2	209470	SCREW	22
3	209259	TRIM	1
4	209742	TRIM - RT	1
5	209349	TRIM	1
6	209350	TRIM	1
7	209741	TRIM - LT	1
8	209351	TRIM	1
9	209343	FLOOR RUBBER MAT	1

Ref. No.	Part No.	Description	Qty.
10	209345	FLOOR RUBBER MAT	1
11	209256	NET	1
12	209452	SINKSCREW	4
13	208411	REST	1
14	209367	FOPS SCREEN	1
15	651406	CS M12-1.75X35 C10.9 ZY	4
16	7451680113	WASHER B13-140HV A2C	8
17	179793	NUT	4

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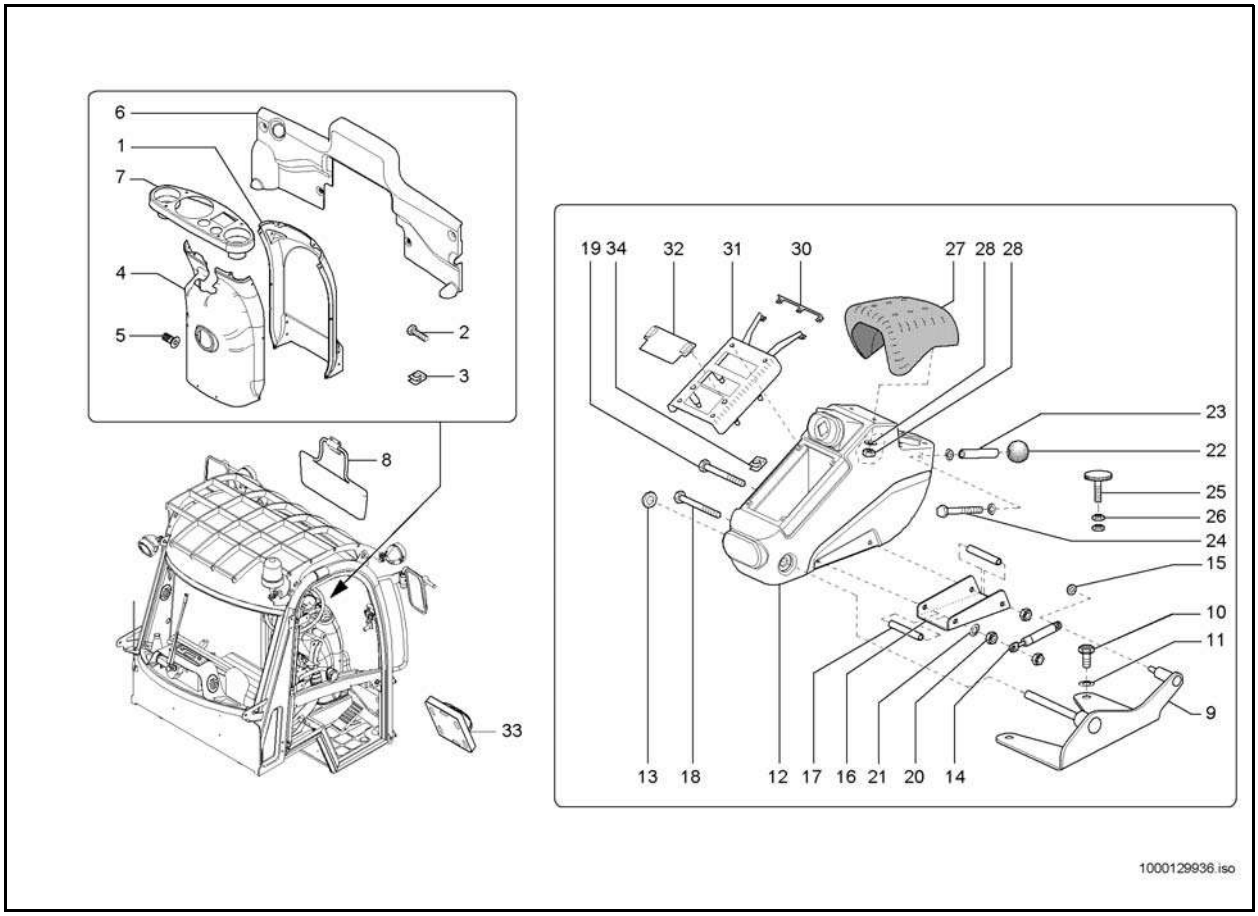

Ref. No.	Part No.	Description	Qty.
1	209326	TRIM	1
2	209471	SCREW	4
3	209220	NUT	8
4	209257	TRIM	1
5	209470	SCREW	13
6	209348	TRIM	1
7	209936	TRIM	1
8	0000809402	SUN VISOR	1
9	209262	CONSOLE	1
10	177648	HEX SCREW	4
11	163634	FLATWASHER	4
12	209377	CONTROL LEVER CONSOLE	1
13	209496	COVER	1
14	209498	GAS STRUT	1
15	209223	QUICK LOCK	1
16	209617	STRUT	1
17	209641	PIPE LINE	2

Ref. No.	Part No.	Description	Qty.
18	177693	HEX SCREW	1
19	651440	HB M8-1.25X90 C8.8 ZY	1
20	7405677005	HEX NUT M8-8 A2C	3
21	163634	FLATWASHER	2
22	209221	KNOB	1
23	209497	HANDLE	1
24	209485	HEX SCREW	1
25	209499	LIMIT STOP	1
26	7404677207	HEX NUT M10-04 A2C	1
27	209381	ARM REST	1
28	7405677005	HEX NUT M8-8 A2C	2
29	163634	FLATWASHER	2
30	209255	BRACKET	1
31	209253	CONSOLE	1
32	209337	COVER	1
33	0004331540	FIRST AID KIT HOLDER	1
34	204730	CLAMP	1

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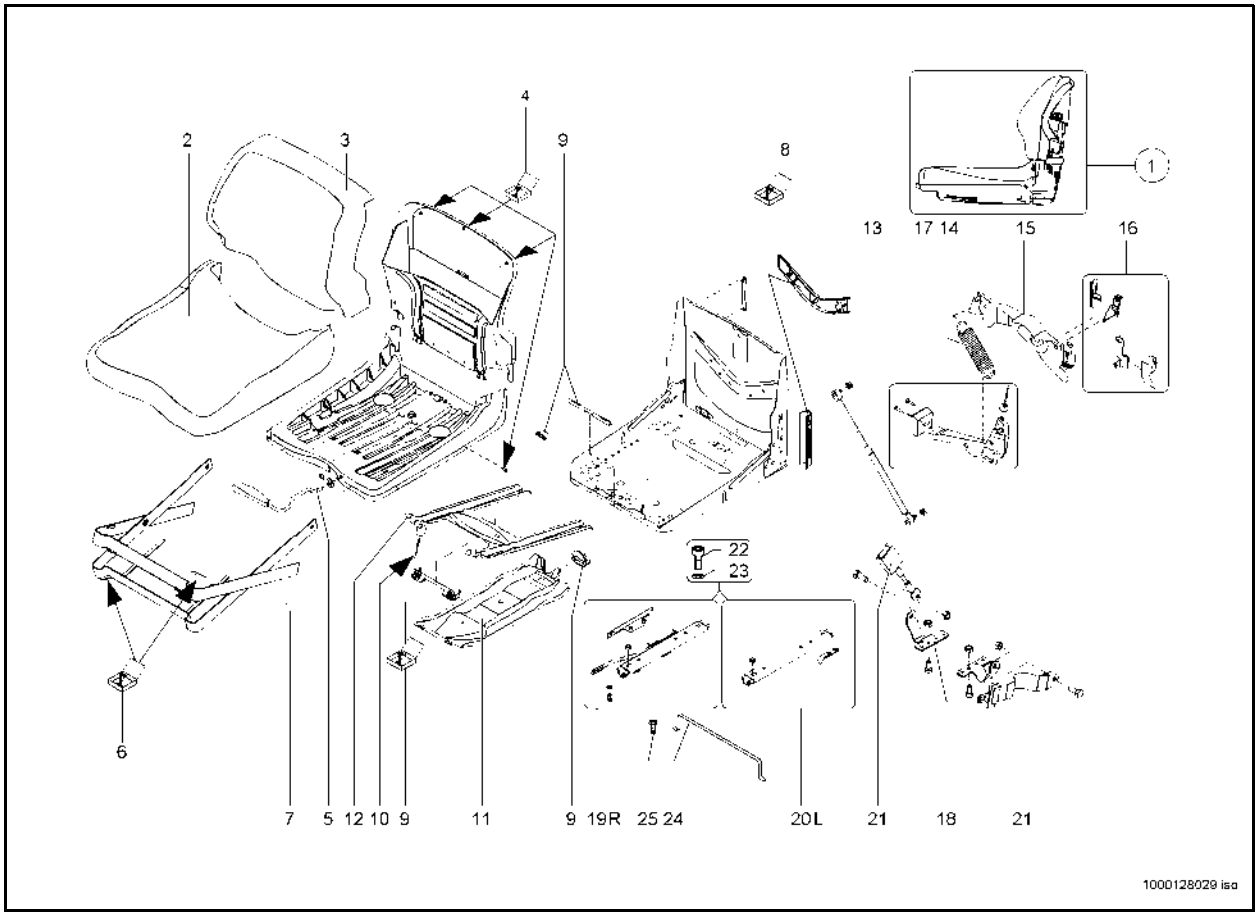
280 - OPERATOR'S SEAT (FOR ROPS MACHINES)
1000128029



Ref. No.	Part No.	Description	Qty.
1	207365	OPERATORS SEAT	1
2	209894	SEAT UPHOLSTERY (VINYL)	1
3	209895	BACK CUSHION (VINYL)	1
4	207389	FASTENER SET	1
5	207390	ADJUSTING LEVER SET	1
6	209458	REPAIR KITSPRING AND RING	1
7	209459	COVER	1
8	209476	REPAIR KIT/SEAT BRACKET	1
9	209492	REPAIR KIT/MAINTENANCE ROD	1
10	209493	BUFFER	1
11	209460	BRACKET	1
12	209461	BRACKET	1
13	209462	SHOCK ABSORBER	1

Ref. No.	Part No.	Description	Qty.
14	209463	TENSION SPRING	1
15	209477	DISPLACEMENT LEVER	1
16	209478	HANDLE	1
17	207391	LEVER	1
18	207392	JOINT	1
19	209494	DISPLACEMENT RAIL - RT	1
20	209495	DISPLACEMENT RAIL - LT	1
21	207393	SEAT BELT RECEIVER	1
22	207368	SHCS	4
23	163634	FLATWASHER	4
24	207364	MOUNT	1
25	177648	HEX SCREW	2

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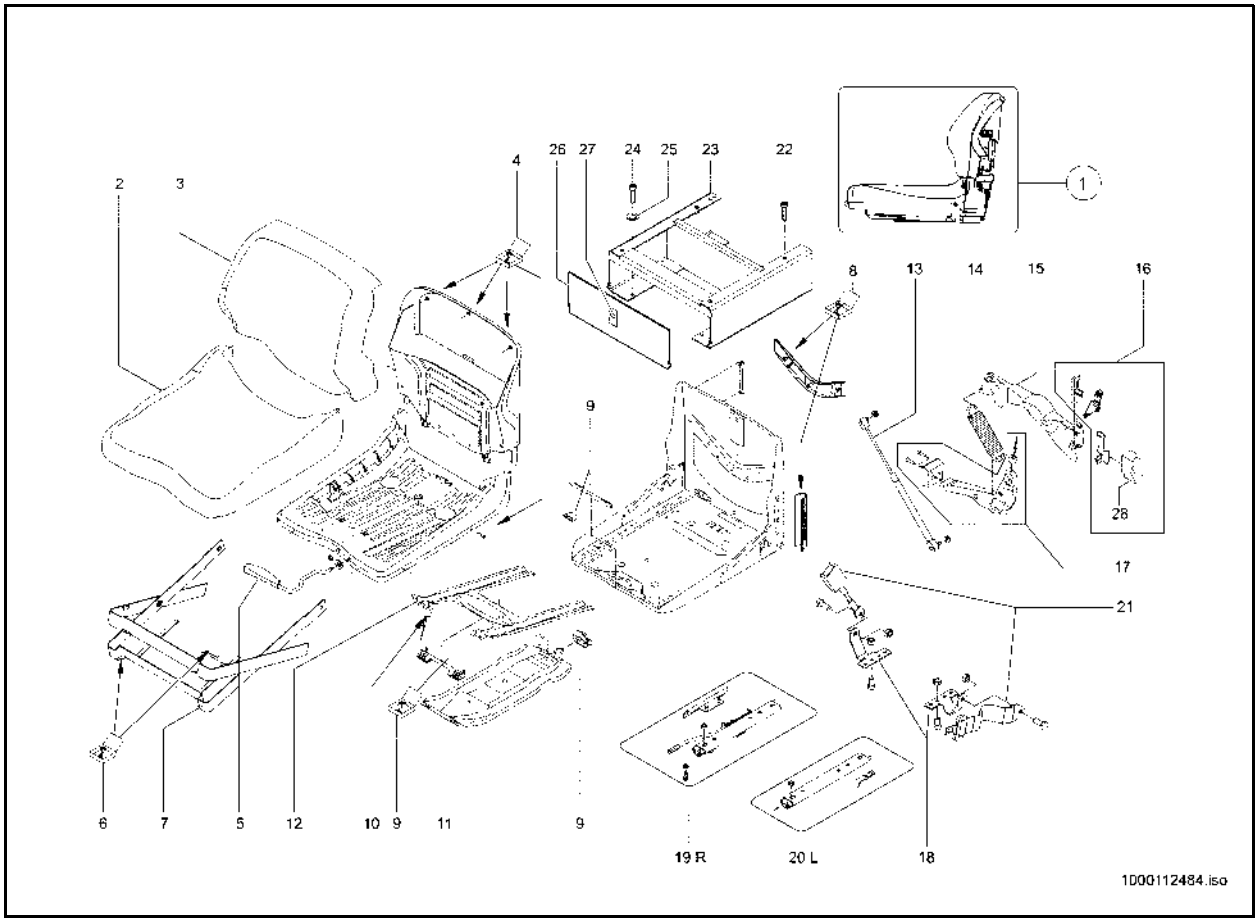
280 - OPERATOR'S SEAT (FOR CAB MACHINES)
1000112484



Ref. No.	Part No.	Description	Qty.
1	209755	OPERATORS SEAT	1
2	209894	SEAT UPHOLSTERY (VINYL)	1
3	209895	BACK CUSHION (VINYL)	1
4	209883	FASTENER SET	1
5	209884	ADJUSTING LEVER SET	1
6	209458	REPAIR SET	1
7	209459	COVER	1
8	209476	REPAIR KIT/SEAT BRACKET	1
9	209492	REPAIR KIT	1
10	209493	BUFFER	1
11	209460	BRACKET	1
12	209461	BRACKET	1
13	209462	SHOCK ABSORBER	1
14	209463	TENSION SPRING	1

Ref. No.	Part No.	Description	Qty.
15	209477	DISPLACEMENT LEVER	1
16	209478	HANDLE	1
17	209886	LEVER	1
18	209887	JOINT	1
19	209494	DISPLACEMENT RAIL - RT	1
20	209495	DISPLACEMENT RAIL - LT	1
21	209325	SEAT BELT	1
22	651515	SHCS HS M8-1.25X20 C8.8 ZO	4
23	209811	SEAT CONSOLE	1
24	651515	SHCS HS M8-1.25X20 C8.8 ZO	4
25	163634	FLATWASHER	4
26	209812	FLAP	1
27	0003415044	HOOK	1
28	209885	HANDLE	1

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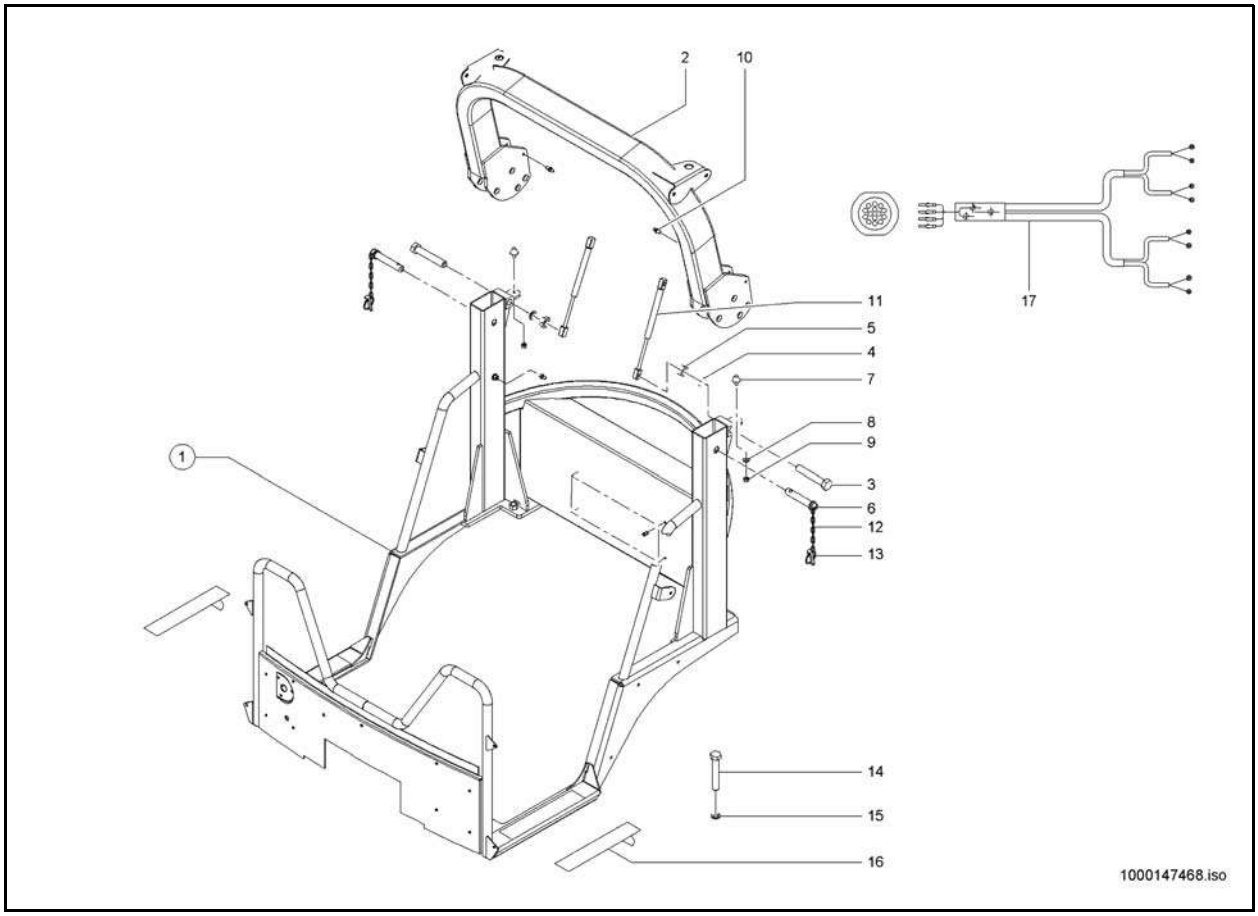
280 - ROPS PROTECTION BARS
1000147468



Ref. No.	Part No.	Description	Qty.
1	207383	PROTECTING BAR	1
2	207395	ROLL BAR	1
3	207396	SCREW	2
4	209695	SPACER	2
5	207397	NUT	2
6	207398	PIN	2
7	207399	LIMIT STOP	2
8	0000809770	O-RING	2
9	208472	COUNTER NUT	2

Ref. No.	Part No.	Description	Qty.
10	209688	BALL PLUG	4
11	207400	GAS STRUT	2
12	207401	CHAIN	2
13	207402	COTTER PIN	2
14	209711	SCREW	2
15	209700	SPACER	2
16	207403	ANTI-SLIDE COVERING	2
17	207385	WIRE HARNESS	1

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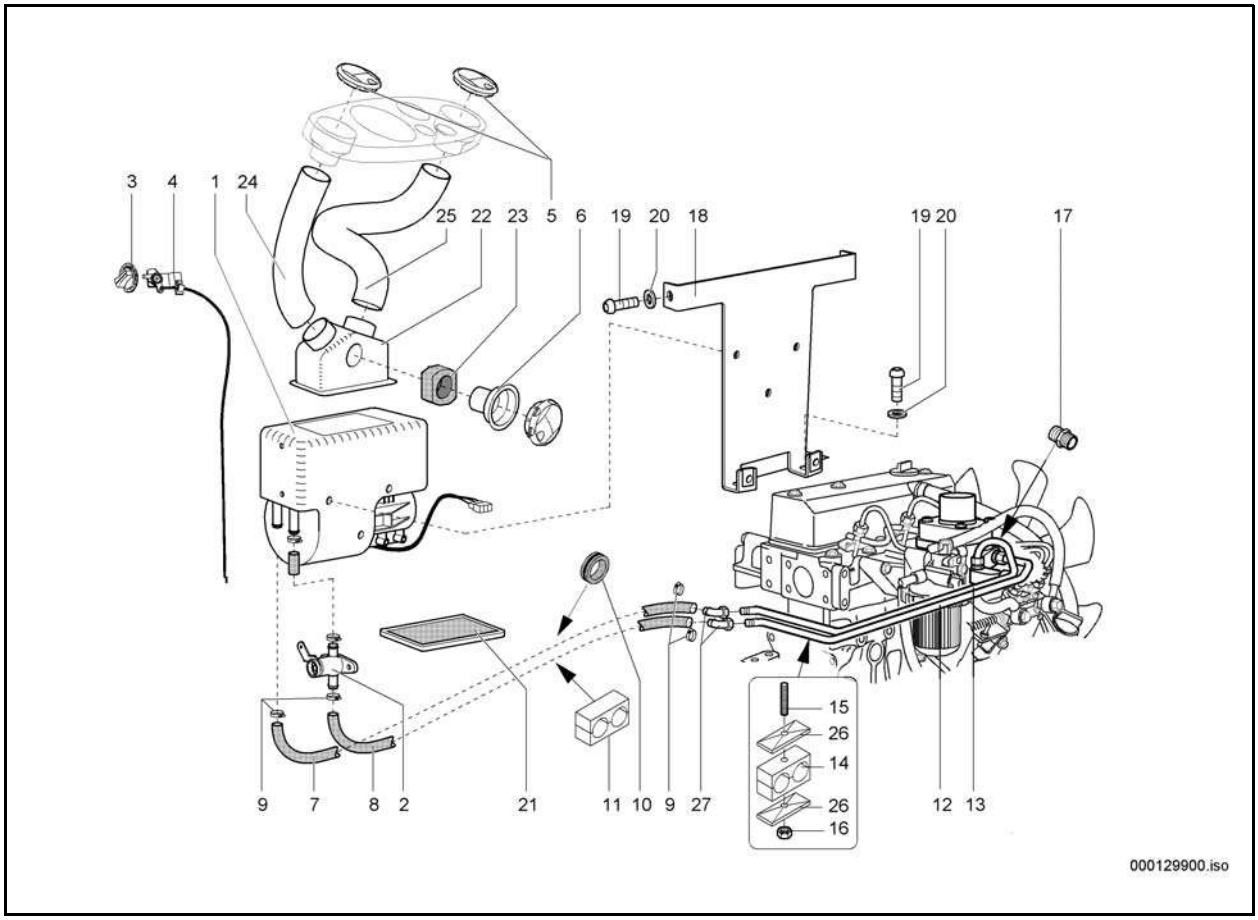

Ref. No.	Part No.	Description	Qty.
1	209265	HEATER	1
2	209749	VALVE	1
3	209239	ROTARY KNOB	1
4	209272	CONTROL LEVER	1
5	177655	AIR NOZZLE	2
6	177656	AIR NOZZLE	1
7	209758	PRE-SHAPED TUBE	1
8	209757	PRE-SHAPED TUBE	1
9	0009930129	CLAMP	4
10	209238	JUNCTION	2
11	0009933050	CLAMP	1
12	209862	PIPE LINE	1
13	209863	PIPE LINE	1
14	209222	CLAMP	1

Ref. No.	Part No.	Description	Qty.
15	7397677086	STUD BOLT M8X55-8.8 A2C	1
16	7405677005	HEX NUT M8-8 A2C	1
17	161491	SCREW JOINT	2
18	209685	BRACKET/HEATER	1
19	209737	SCREW	4
20	209859	SPACER	4
21	209573	FILTER	1
22	209271	CONNECTION PIECE	1
23	209370	SEAL	1
24	209892	HEATER HOSE - 400 MM	1
25	209893	HEATER HOSE - 610 MM	1
26	0009930585	COVER PLATE	2
27	209905	HOSE FITTING	2

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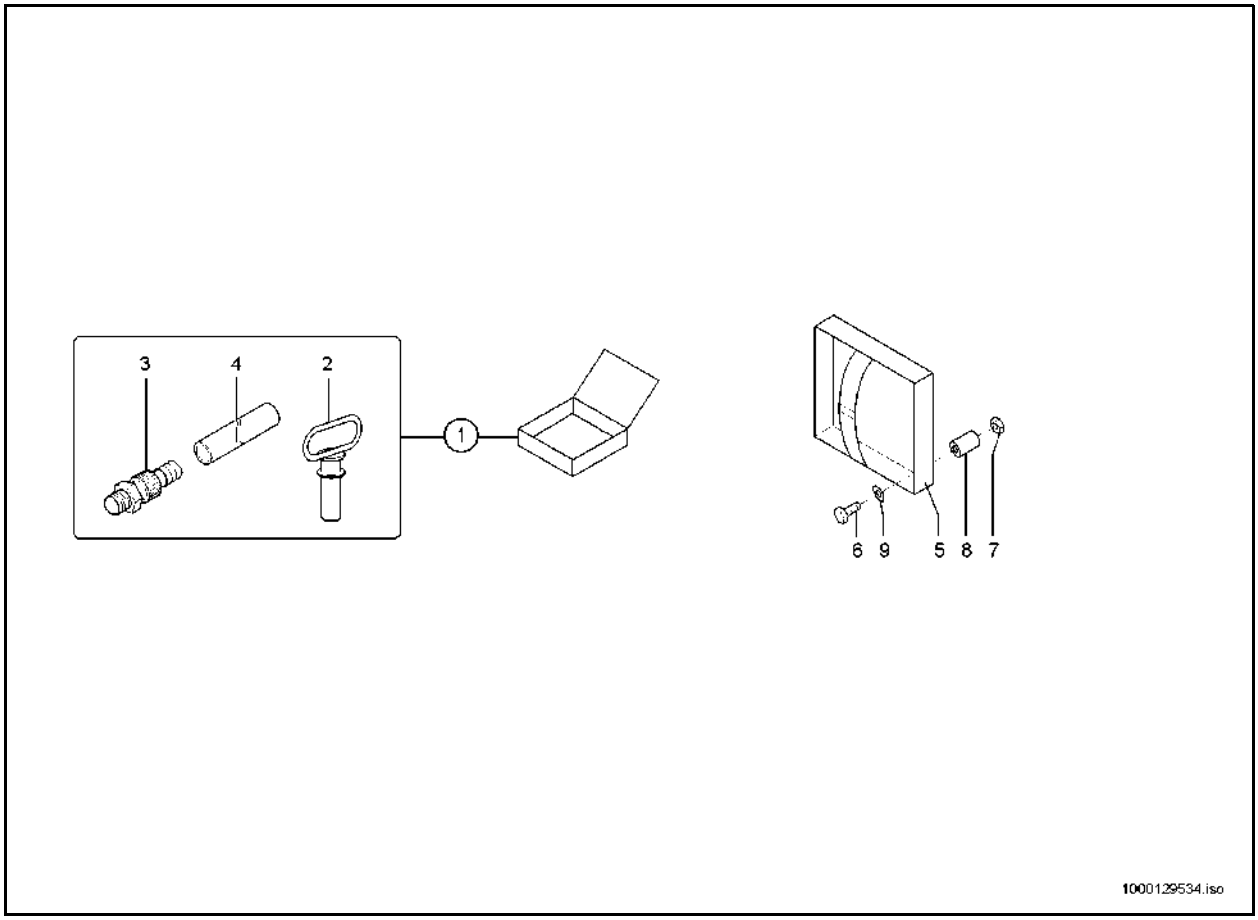

Ref. No.	Part No.	Description	Qty.
1	209730	TOOL KIT	1
2	0382000029	TOWING PIN	1
3	177267	DRAIN COUPLING	1
4	209640	HOSE	1
5	0004331540	FIRST AID KIT BRACKET	1

Ref. No.	Part No.	Description	Qty.
6	209471	SCREW	3
7	651456	LN INS M5-0.8 C8 ZY	3
8	209563	DISTANCE PIECE	3
9	7451680108	WASHER B5.3	3

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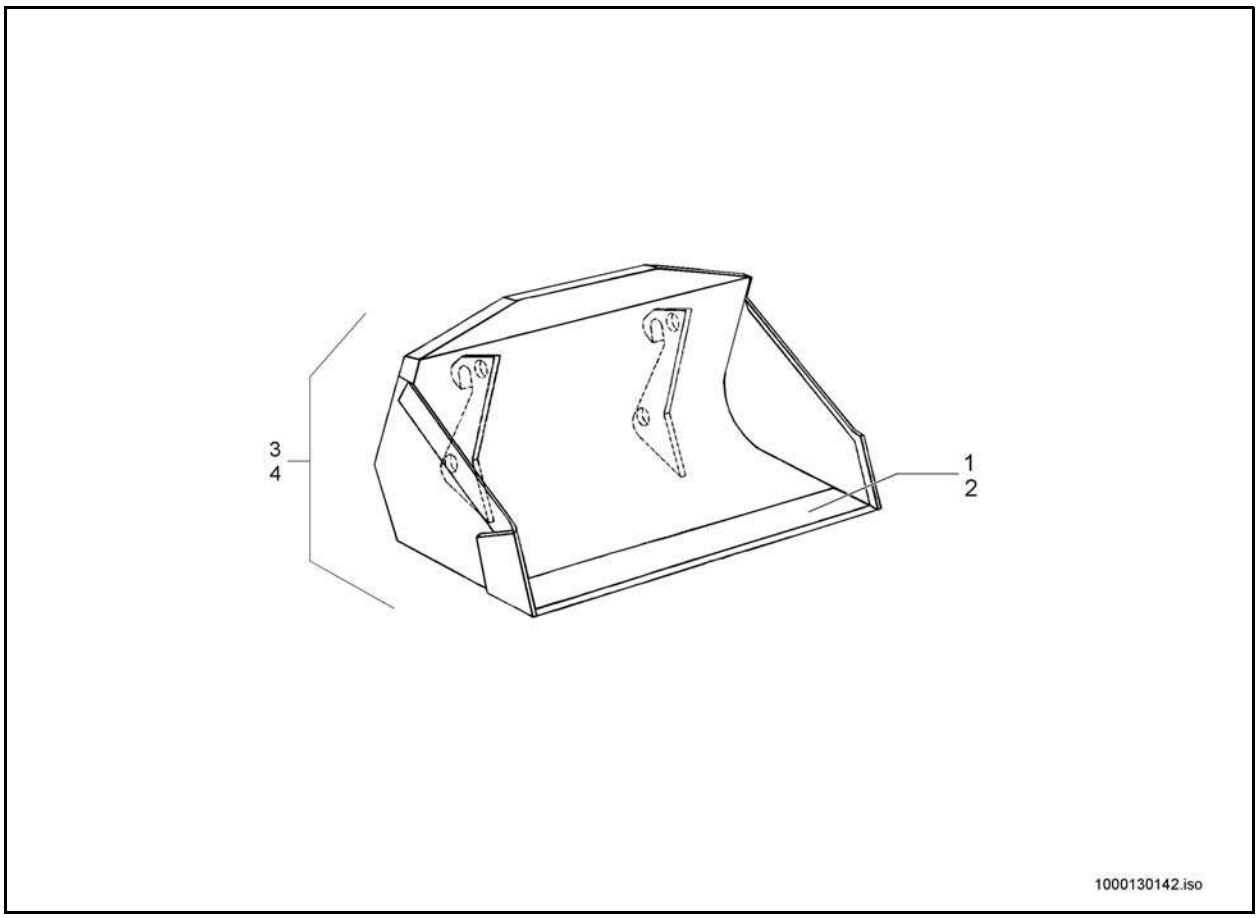

Ref. No.	Part No.	Description	Qty.
1	209165	BLADE/STD BUCKET	1
2	FL00001370	BLADE/LIGHT MATERIAL BUCKET	1

Ref. No.	Part No.	Description	Qty.
3	809194	BUCKET/STD W/O TEETH 65” 0.9YD	1
3	809197	BUCKET/LIGHT MATERIAL 65” 1.1YD	1

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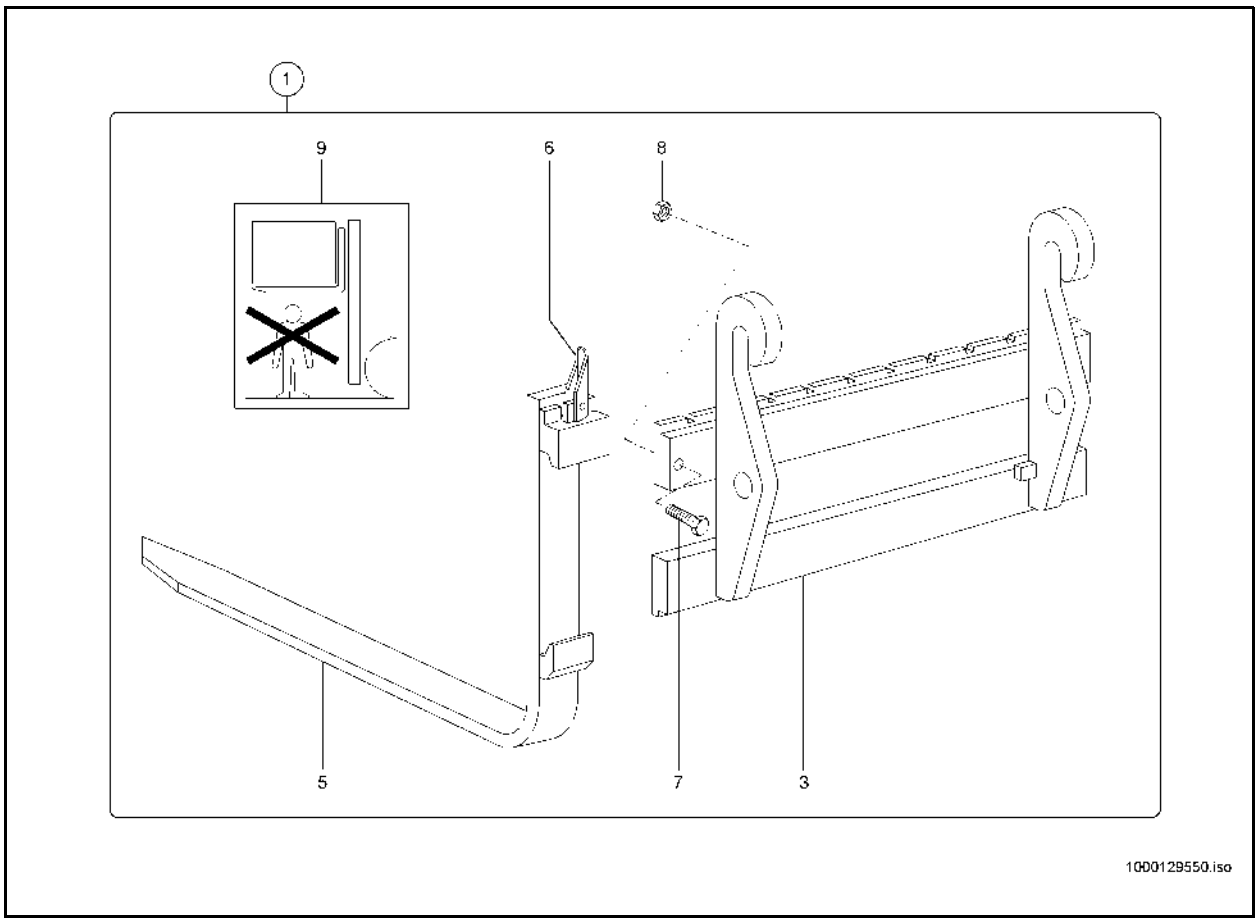
280 - PALLET FORKS (48")
1000129550



Ref. No.	Part No.	Description	Qty.
1	809191	PALLET FORK ASSY	1
3	209746	FORK MOUNTING	1
5	209747	FORK ARMS	2
6	209748	LEVER	2

Ref. No.	Part No.	Description	Qty.
7	209486	SHCS	2
8	651451	HLN INS M16-2.0 ZO	2
9	209191	WARNING DECAL	1

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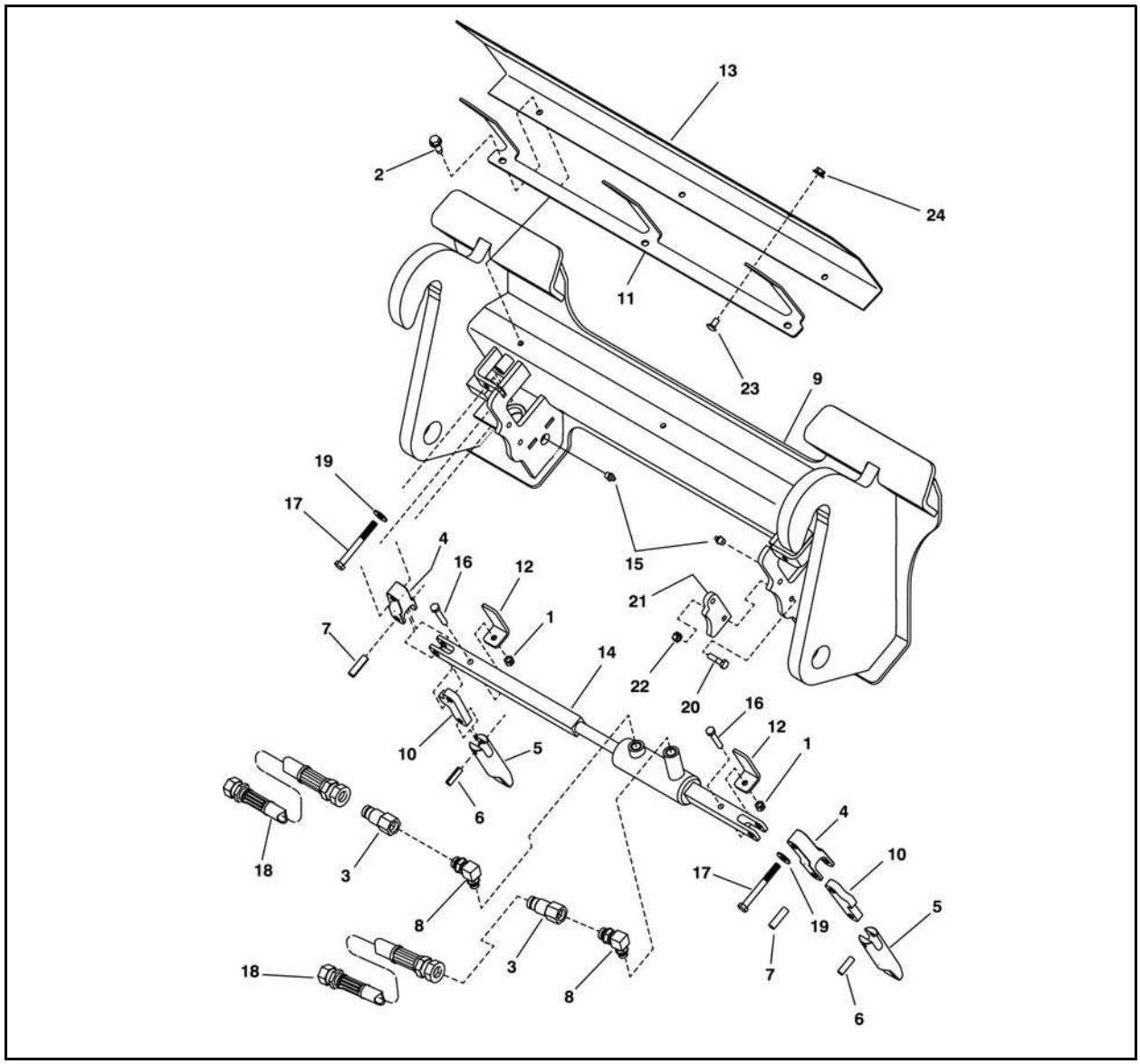

Ref. No.	Part No.	Description	Qty.
1	071701	LN 5/16 CBZY	2
2	072330	SCREW/THWH TF USL 3/8X1 CZY	3
3	122843	COUPLER/MALE SAE08, 2FFN38-12S	2
4	137169	LATCH LINK	2
5	137170	LATCH PIN	2
6	137386	PIN/SPRING 3/8X1-1/4	2
7	137387	PIN/SPRING 7/16X1-1/2	2
8	142959	ELBOW/90 DEG HYD FITTING	2
9	173824	SKID-A-TACH WLDMT	1
10	174053	PIN LINK	2
11	174089	STRAP	1
12	174252	FLAG	2
13	174253	FLAP	1
14	174255	CYLINDER/HYDRAULIC	1

Ref. No.	Part No.	Description	Qty.
15	570002	ZERK/GREASE 1/8 NPT, STRAIGHT	2
16	650692	CS 5/16X1-3/4 C5ZY	2
17	651614	CS 3/8X3-1/2 C8ZY	2
18	207536	HP HOSE (MODELS 480, 480T & 680 ONLY)	2
19	654006	FW 3/8 AWZY	2
20	650545	CS 5/16X1-1/4 C5ZY (MODELS 480, 480T & 680 ONLY)	4
21	174390	ADAPTER PLATE (MODELS 480, 480T & 680 ONLY)	2
22	071702	LN 5/16 FBZY (MODELS 480, 480T & 680 ONLY)	4
23	650969	CB SN 5/16X5/8 C5ZY	3
24	210-31017	LN FL CTR 5/16 CFZY	3

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7252677580	22	20
7252677618	24	13
7252678033	36	42
7286671075	38	17
7286671503	71	9
7397677086	26	32
7397677086	85	15
7397677090	26	24
7397677090	36	55
7397678076	27	19
7404677207	81	26
7404677210	69	9
7405677002	59	5
7405677002	65	36
7405677002	66	8
7405677005	16	28
7405677005	25	14
7405677005	26	33
7405677005	36	29
7405677005	37	32
7405677005	60	6
7405677005	60	41
7405677005	62	5
7405677005	72	21
7405677005	72	36
7405677005	72	39
7405677005	72	45
7405677005	72	48
7405677005	74	16
7405677005	75	19
7405677005	81	20
7405677005	81	28
7405677005	85	16
7409678206	27	18
7451680107	35	14
7451680108	38	22
7451680108	86	9
7451680109	13	23
7451680109	14	23
7451680109	35	3
7451680109	44	34
7451680109	46	34
7451680109	48	18
7451680109	64	22
7451680112	5	10
7451680112	6	10
7451680112	16	10
7451680112	35	12
7451680112	36	3
7451680112	60	36
7451680112	64	13
7451680112	71	15
7451680113	74	20
7451680113	80	16
7451680116	71	5
7451680116	73	6
7458680012	21	32
7462680008	19	2
7462680008	25	3
7462680008	44	3
7462680008	46	3
7462680008	48	3
7462680008	50	3
7462680008	52	3
7462680008	54	3
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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.

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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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)

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