

GEHL®

AWS 46

All-Wheel-Steer Loader

Beginning Serial Number: 347040005

Form No.
918266
Revision B
Jan. 2010

Parts Manual



INTRODUCTION

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

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

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

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

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

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

Serial number breaks are indicated as follows:

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

Serial number exceptions and inclusion are indicated as follows:

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

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

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

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

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

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DECAL LOCATIONS

GENERAL INFORMATION

Decal location information is provided to assist in the proper selection and application of new decals, in the event the original decals become damaged or the machine is repainted. 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

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 AWS46 All-Wheel-Steer is listed below:

Ref. No.	Part No.	Description	Qty.
203237		Decal Kit - AWS46	1

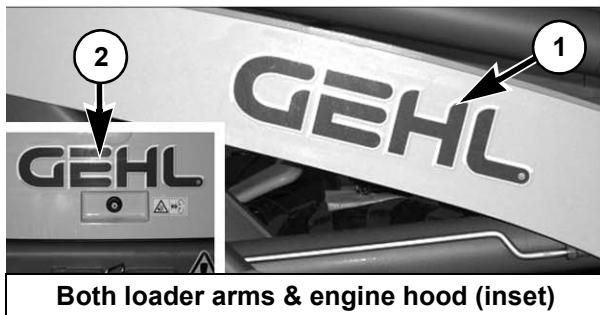
On Body and Frame:

1	184069	GEHL - 6.75 x 28.65	2
2	184306	GEHL - 4.75 x 20.16	1
3	202451	Graphic	1
4	202454	AWS46 Logo (LT)	1
5	202455	AWS46 Logo (RT)	1
6a	0004355833	Safety Alert Symbol - Large	2
6b	0004355533	Safety Alert Symbol - Small	1
7	209451	WARNING - Moving Parts	1
8	0004351144	Arrow	2
9	209717	Tie Down/Machine Lift Point	4
10	209716	Cab lift ONLY	4

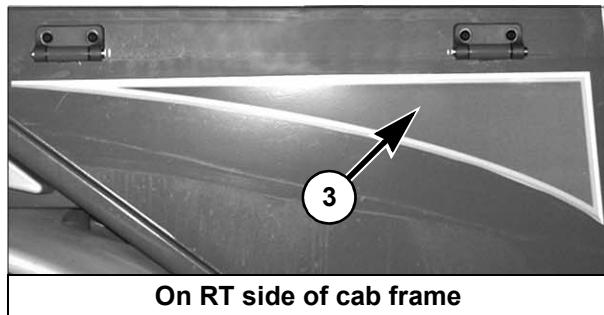
In Cab:

11	209069	LHM	1
12	0004359834	CAUTION - Avoid Danger of Serious Injury	1
13	0004359734	WARNING - Use Seat Belt	1
14	202456	Load Chart	1
15	208614	Maintenance Schedule	1
16	201987	Joystick Controls (w/float)	1
17	208712	Sound Power Level Compliance	1
18	203238	Fuse Chart	1

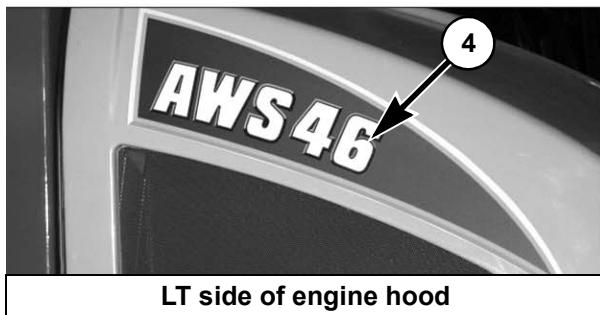
DECAL LOCATIONS



Both loader arms & engine hood (inset)



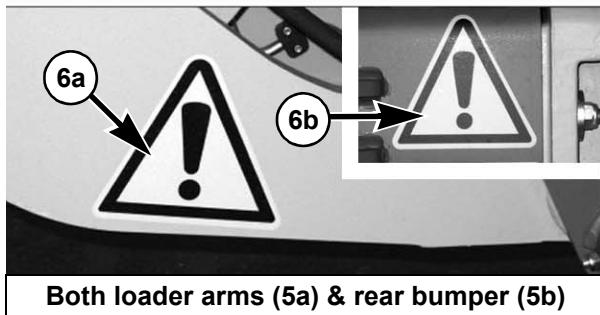
On RT side of cab frame



LT side of engine hood



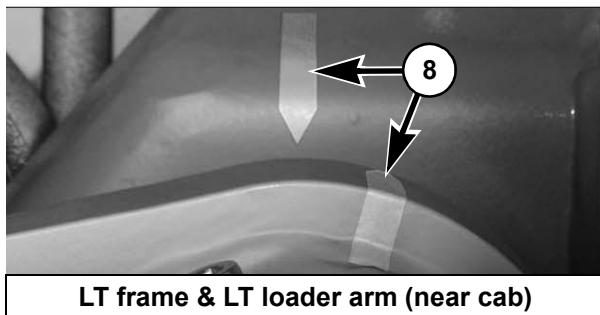
RT side of engine hood



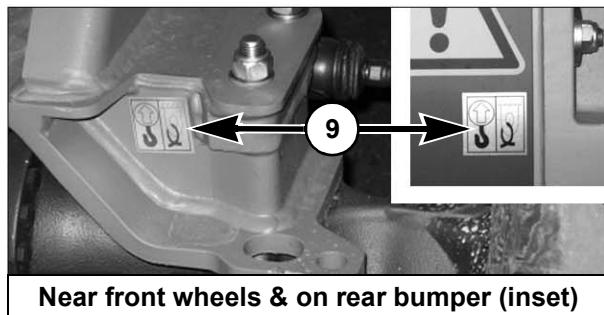
Both loader arms (5a) & rear bumper (5b)



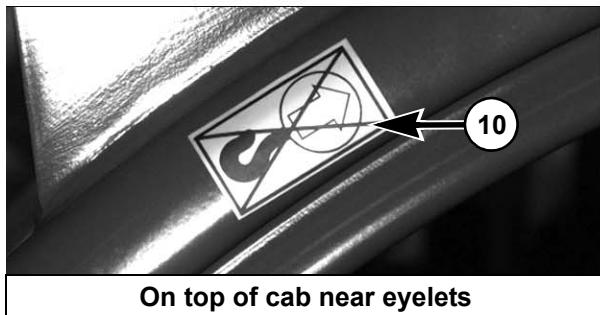
RT side of engine hood latch



LT frame & LT loader arm (near cab)



Near front wheels & on rear bumper (inset)



On top of cab near eyelets

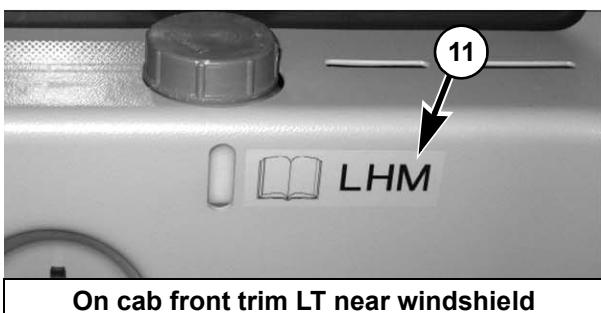
DECAL LOCATIONS

The decal listing has been repeated for your convenience.

Ref. No.	Part No.	Description	Qty.
203237		Decal Kit - AWS46	1

On Body and Frame:

1	184069	GEHL - 6.75 x 28.65	2
2	184306	GEHL - 4.75 x 20.16	1
3	202451	Graphic	1
4	202454	AWS46 Logo (LT)	1
5	202455	AWS46 Logo (RT)	1
6a	0004355833	Safety Alert Symbol - Large	2
6b	0004355533	Safety Alert Symbol - Small	1
7	209451	WARNING - Moving Parts	1
8	0004351144	Arrow	2

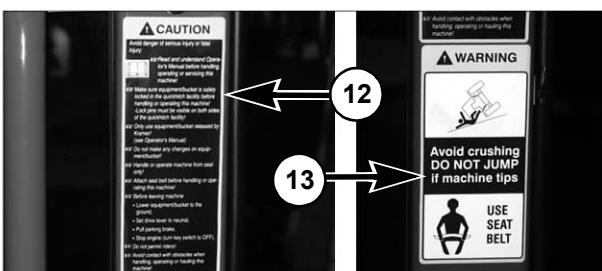


On cab front trim LT near windshield

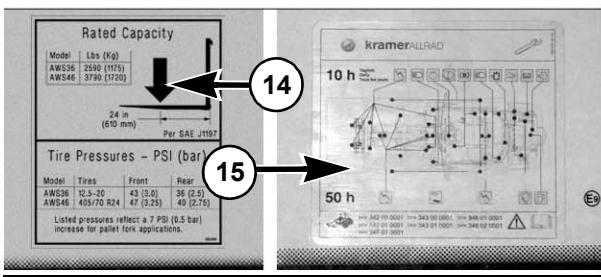
Ref. No.	Part No.	Description	Qty.
9	209717	Tie Down/Machine Lift Point	4
10	209716	Cab lift ONLY	4

On Cab:

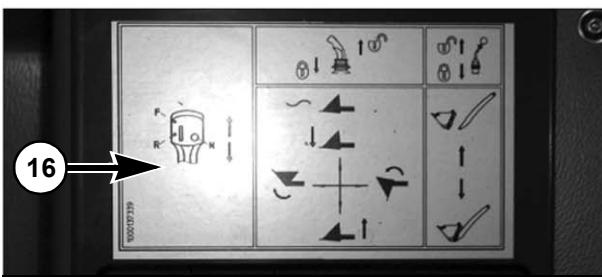
11	209069	LHM	1
12	0004359834	CAUTION - Avoid Danger of Serious Injury	1
13	0004359734	WARNING - Use Seat Belt	1
14	202456	Load Chart	1
15	208614	Maintenance Schedule	1
16	201987	Joystick Controls (w/float)	1
17	208712	Sound Power Level Compliance	1
18	203238	Fuse Chart	1



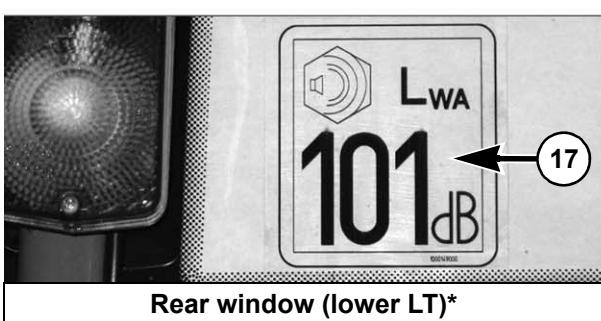
Both on frame pillar between cab RT windows



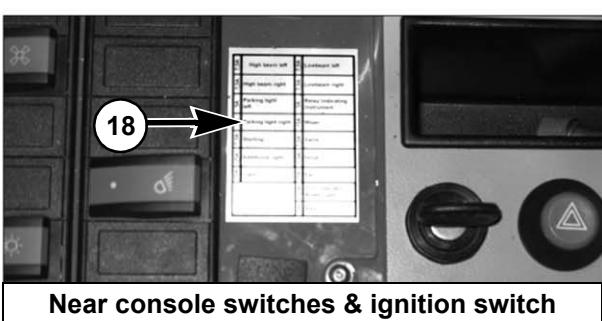
Windshield LT (13)* & rear window RT (14)*



On console near joystick



Rear window (lower LT)*



Near console switches & ignition switch

* These decals are attached to the cab's windows and have transparent backgrounds; they are shown above with backgrounds for visual clarity.

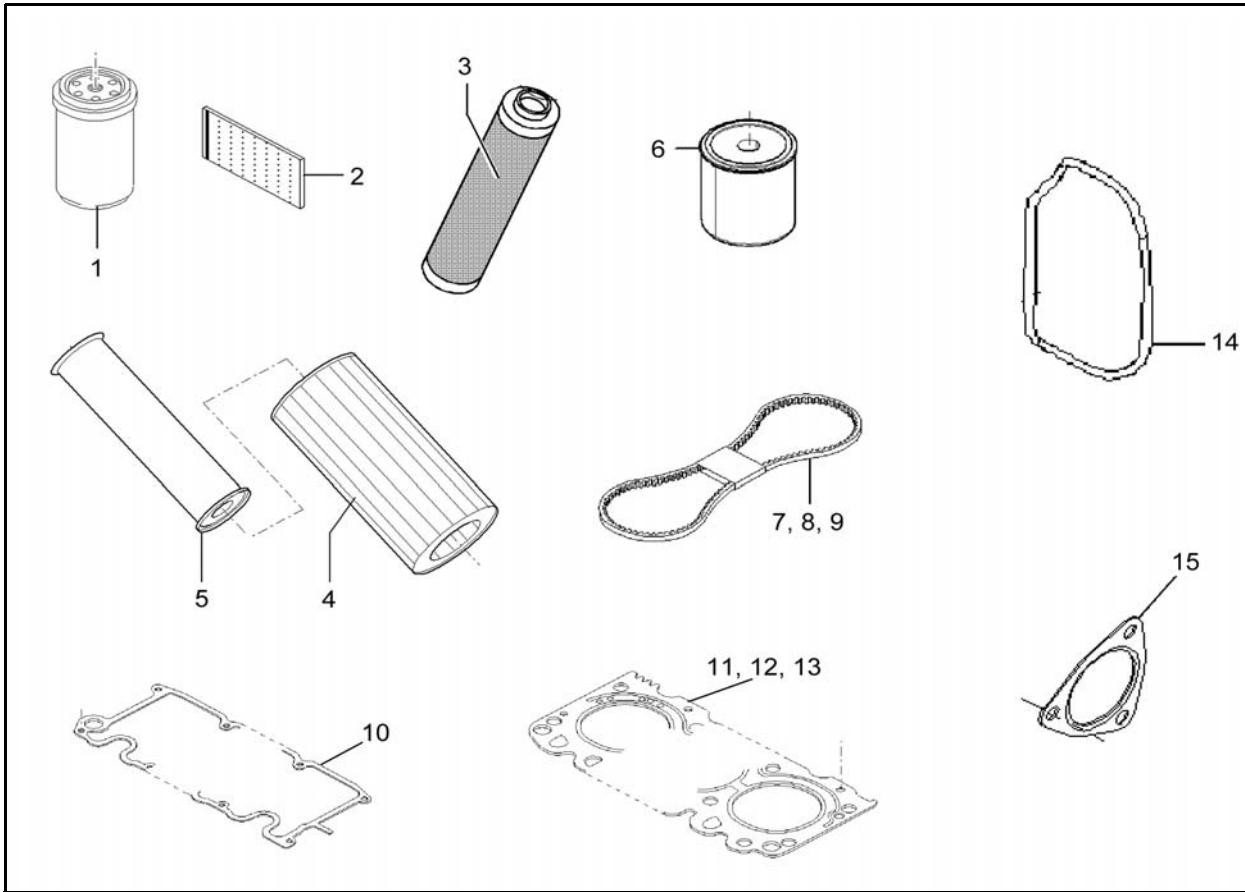
AWS 46 - TOOLS / SERVICE KITS

Ref.

No.	Part No.	Description	Qty.
3	184467	HYDRAULIC GAUGE KIT	1
4	186011	TEST PORT, 4MP-M16X2, 1/4 NPT	1
5	183877	TEST PORT, 3/4-16 UNF	1
6	184472	TEST GAUGE, 1000PSI	1
7	184473	TEST GAUGE, 6000PSI	1
8	184475	TEST HOSE, 120" (Used with Gauge Kits)	1
9	184476	ADAPTER, 4FP-M16X2BLKHD (Used with Gauge Kits)	1
10	184474	TEST GAUGE, 10,000PSI	1
11	420-34912	ROD SEAL INSTALL TOOL, 3/ 4" X 1-1/4" DIAMETER SEALS	1
12	420-34913	ROD SEAL INSTALL TOOL, 1-1/2" X 2" DIAMETER SEALS	1
13	420-34914	ROD SEAL INSTALL TOOL, 2" X 3" DIAMETER SEALS	1
14	272814	OIL VACUUM PUMP (incl. in Engine Oil Analysis Kit)	1
15	272815	COOLANT VACUUM PUMP (incl. in Coolant Analysis Kit)	1
16	272816	1/4" PLASTIC TUBING, 100' (incl. in Analysis Kit)	1
21	195387	DIAL INDICATOR (incl. in 195348 Timing Kit Tool)	1
31	272813	FIELD TEST COOLANT STRIP (1 Kit from Coolant Analysis Kit)	1
32	272806	HYDRAULIC OIL ANALYSIS KIT (GEHL)	Set of 10
33	272809	ENGINE OIL ANALYSIS KIT (GEHL)	Set of 10
34	272811	FUEL ANALYSIS KIT (GEHL)	1
35	272812	COOLANT ANALYSIS KIT (GEHL)	Set of 10

*Analysis Kits - Contact your dealer.

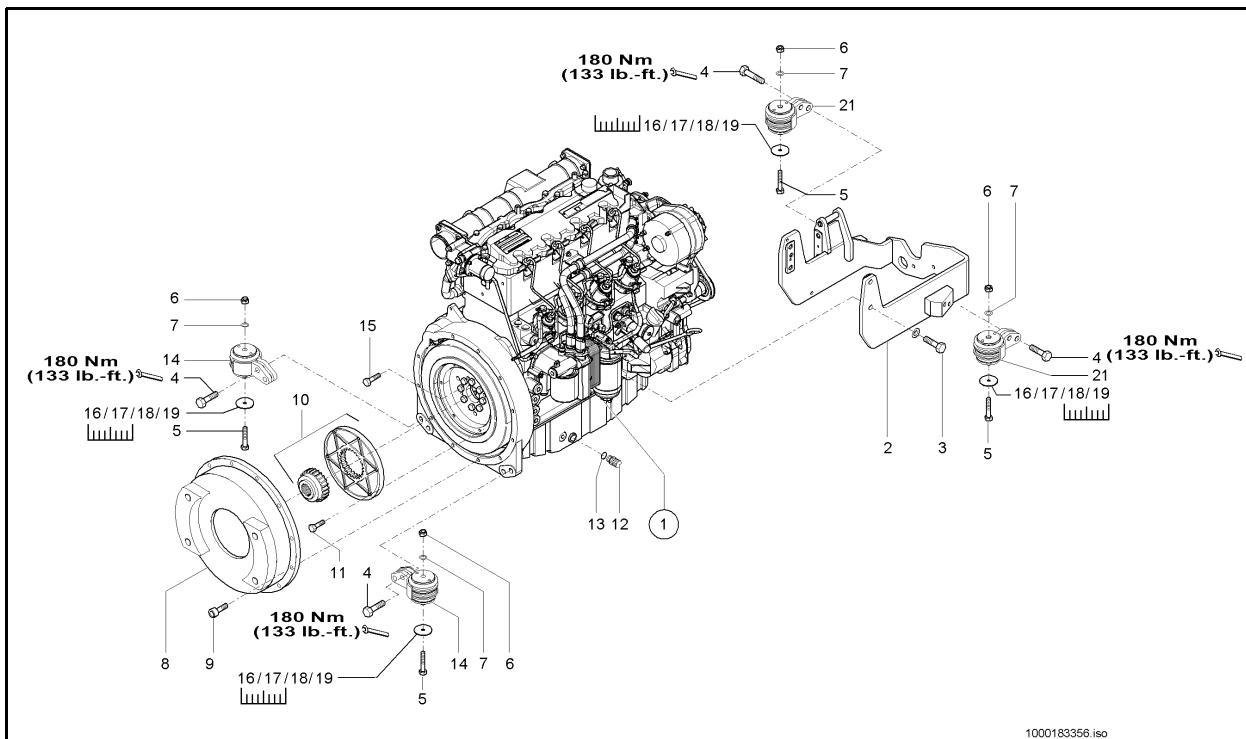
AWS 46 - FILTERS, BELTS AND GASKETS



Ref. No.	PartNo.	Description	Qty.	Ref. No.	PartNo.	Description	Qty.
1	132024	FUEL FILTER	1	9	202828	A/C V-BELT	1
2	202888	AIR FILTER/CAB	1	10	207878	VALVE COVER GASKET	1
3	0003636634	FILTER/HYDRAULIC OIL TANK	1	11	202898	CYLINDER HEAD GASKET (1.47MM)	1
4	0000805187	AIR FILTER - OUTER	1	12	202899	CYLINDER HEAD GASKET (1.57MM)	1
5	0000805188	AIR FILTER - INNER	1	13	202900	CYLINDER HEAD GASKET (1.67MM)	1
6	132023	FILTER/ENGINE OIL	1	14	0000802665	GASKET/OIL PUMP	1
7	202777	V-BELT/ALTERNATOR	1	15	0000801939	GASKET/EXHAUST PIPE	1
8	202938	V-BELT/WATER PUMP	1				

AWS 46 - ENGINE & ENGINE MOUNTS

1000183356

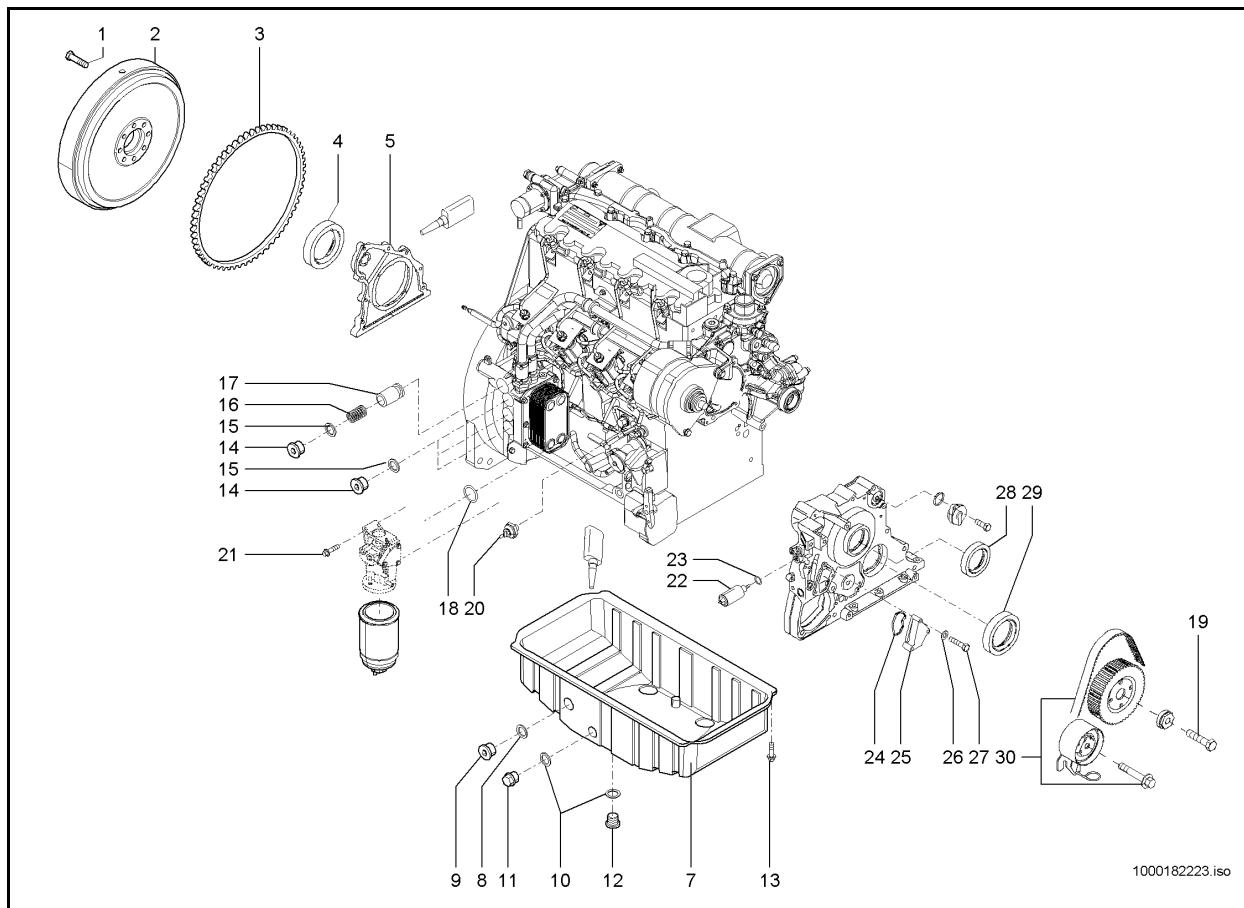


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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203446	DIESEL ENGINE (DEUTZ D 2011 L04 W)	1	11	656094	CS M8-1.25 X 30 C8.8 ZY DIN931	6
2	203447	ENGINE SUPPORT FRAME	1	12	0003618484	DRAIN COUPLING M18 X 1.5	1
3	7236677952	HEX SCREW M14 X 35-8.8 A2C	4	13	7593641029	SEALING RING A 18 X 24	1
4	7234678147	HEX SCREW M14X55-10.9	4	14	208867	ENGINE MOUNTING	4
5	651403	HB M12-1.75 X 100 C8.8 ZY	4	15	0000801922	SCREW	8
6	179793	NUT	4	16	0009976519	SPACER (0.5MM)	1
7	7451680113	WASHER B13-140HV A2C	4	17	0009976619	SPACER (1.0MM)	1
8	208932	FLANGE	1	18	0009976719	SPACER (1.5MM)	1
9	651473	SHCS M10-1.25 X 25 F8.8 ZY DIN912	11	19	202710	SPACER (2.0MM)	1
10	203547	COUPLING	1	21	203448	ENGINE MOUNTING	1

AWS 46 - ENGINE BLOCK

1000183358



Ref.

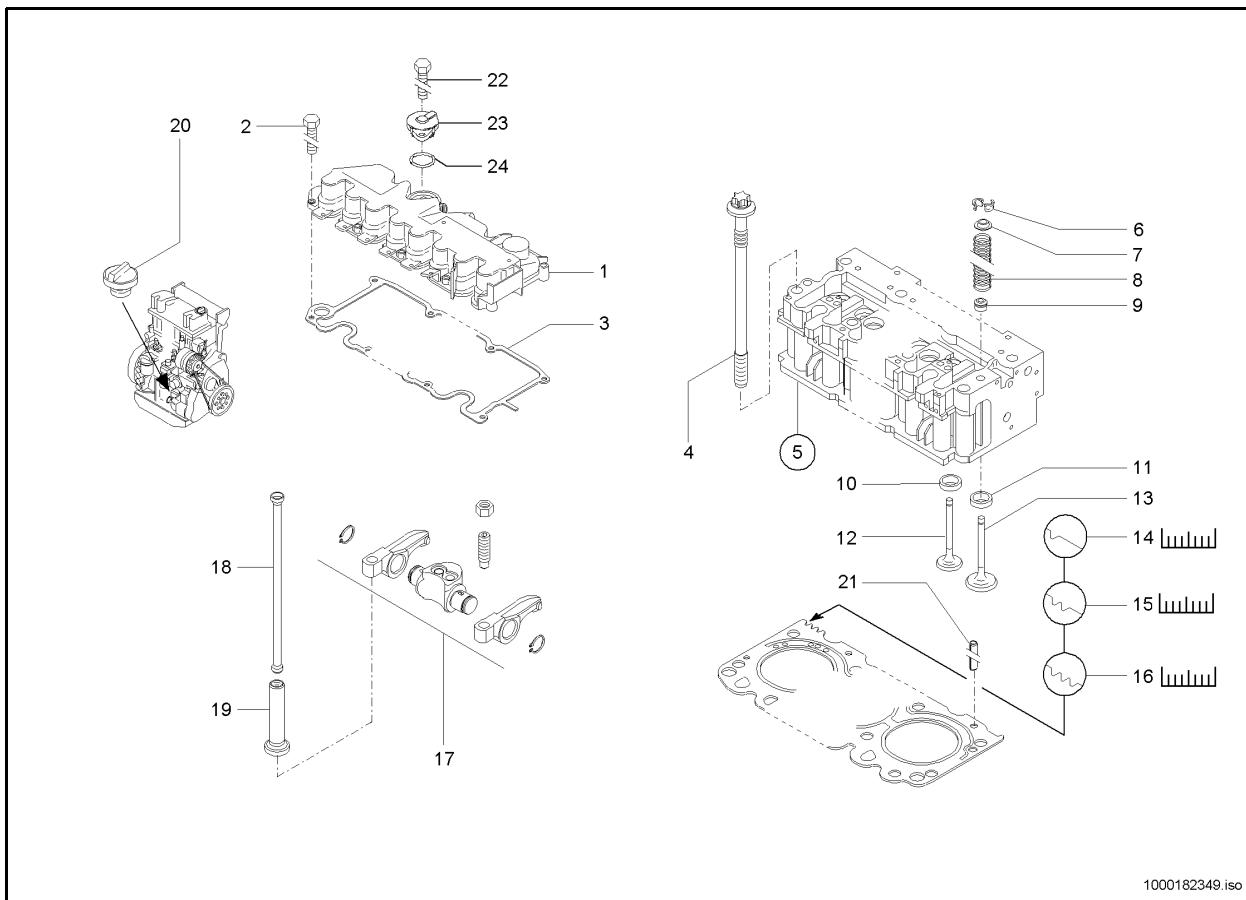
No.	Part No.	Description	Qty.
1	0000801922	SCREW	8
2	208864	FLYWHEEL	1
3	208845	RING GEAR	1
4	0000801363	ROTARY SHAFT SEAL	1
5	202779	ROTARY SHAFT COVERPLATE	1
7	202894	OIL PAN	1
8	208808	SEAL RING	1
9	202895	LOCK SCREW	1
10	7593641029	SEALING RING A18 X 24	2
11	0003618484	DRAIN COUPLING M18 X 1.5	1
12	202942	DRAIN PLUG	1
13	202941	TORX SCREW	26
14	208797	PLUG	4
15	208809	SEAL RING	4
16	202911	PRESSURE SPRING	1

Ref.

No.	Part No.	Description	Qty.
17	0000802673	VALVE	1
18	207870	O-RING	1
19	0000801898	HEX HEAD SCREW 14 X 1.5 X 110	1
20	208826	OIL PRESSURE SWITCH	1
21	0000802733	TORX SCREW	3
22	207876	SOLENOID (FUEL SHUT-OFF)	1
23	207873	SEAL RING	1
24	0000802742	SEAL	1
25	208850	COVER	1
26	208799	SPACER	3
27	208824	SCREW	3
28	0000801368	ROTARY SHAFT SEAL	1
29	0000801369	ROTARY SHAFT SEAL	1
30	208839	TIMING BELT W/PULLEY	1

AWS 46 - CYLINDER HEAD & VALVE COVER

1000183359

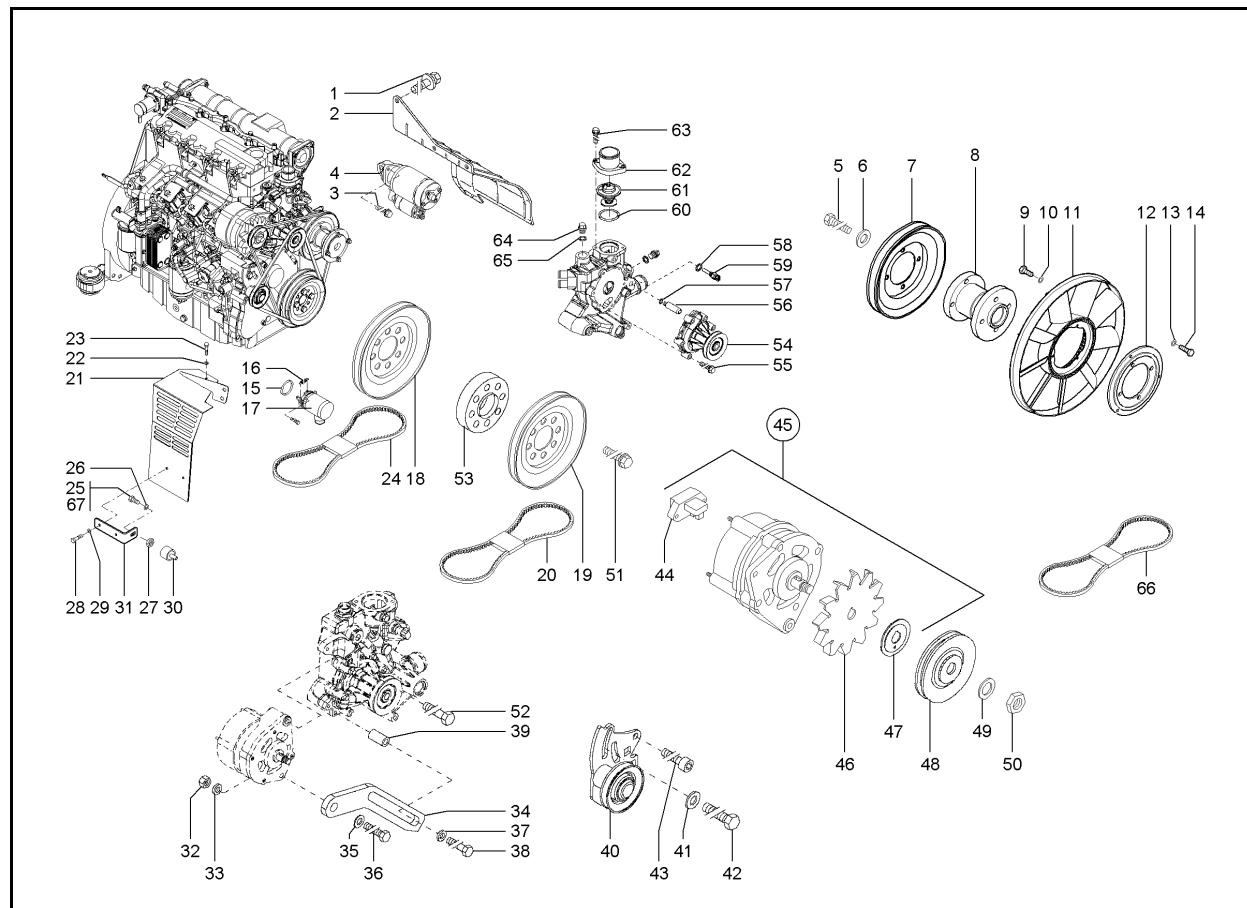


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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207879	VALVE COVER	1	13	207885	INTAKE VALVE	4
2	208815	HEX SCREW	10	14	202898	CYLINDER HEAD GASKET (1.47MM)	1
3	207878	VALVE COVER GASKET	1	15	202899	CYLINDER HEAD GASKET (1.57MM)	1
4	202897	CYLINDER HEAD BOLT	10	16	202900	CYLINDER HEAD GASKET (1.67MM)	1
5	203450	CYLINDER HEAD	1	17	0000801953	ROCKER ARM BRACKET	4
6	0000801910	VALVE CONE	16	18	202906	PUSH ROD	8
7	202905	SPRING CAP	8	19	0000804268	VALVE TAPPET	8
8	0000802658	COMPRESSION SPRING	8	20	0000802648	LOCK	1
9	0000801929	VALVE STEM SEAL	8	21	208844	COTTER PIN	2
10	202902	VALVE SEAT	4	22	208814	HEX SCREW	1
11	203451	VALVE SEAT	4	23	207880	VALVE	1
12	208862	EXHAUST VALVE	4	24	0000802764	O-RING 45X4	1

AWS 46 - ENGINE ATTACHMENTS

1000182471



Ref.

No.	Part No.	Description	Qty.
1	207871	HEX SCREW	3
2	202940	PLATE	1
3	0000801894	HEX SCREW, M10 X 25	1
4	202778	STARTER	1
5	208801	HEX SCREW	4
6	202944	WASHER	4
7	208840	PULLEY	1
8	208852	HUB/FAN PULLEY	1
9	656128	CS M6-1 X 30 C8.8 ZY DIN931	3
10	7451680109	WASHER B6.4-140HV A2C	3
11	205501	RADIATOR FAN	1
12	205419	HUB/FAN PULLEY	1
13	163634	WASHER	4
14	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	4
15	0000801849	O-RING 44 X 3.5 NBR-1-60	1
16	0000801986	TENSION SPRING	1
17	209127	SHUT OFF MOTOR	1
18	208443	BELT PULLEY	1
19	208835	PULLEY	1
20	202938	V-BELT/WATER PUMP	1
21	204425	GUARD	1
22	7451680113	WASHER B13-140HV A2C	2

Ref.

No.	Part No.	Description	Qty.
23	656128	CS M6-1 X 30 C8.8 ZY DIN931	2
24	202777	V-BELT/ALTERNATOR	1
25	177648	HEX SCREW	1
26	7462680011	WASHER 8.4 ST A2C	1
27	651458	LN INS M8-1.25 C8 ZY DIN6924	1
28	651430	CS M8-1.25 X 12 C8.8 ZY DIN931	2
29	7462680011	WASHER 8.4 ST A2C	2
30	202893	ISOLATION MOUNT	1
31	202877	BRACKET	1
32	208813	HEX NUT	1
33	208836	SPACER	1
34	202939	CLAMP BAR	1
35	202944	WASHER	1
36	656094	HEX SCREW	1
37	208836	SPACER	1
38	202947	HEX SCREW	1
39	202948	BUSHING	1
40	202931	TENSION ROLLER	1
41	202949	WASHER	1
42	202951	HEX SCREW	1
43	202950	SCHS	1
44	202782	TENSION REGULATOR	1

AWS 46 - ENGINE ATTACHMENTS

1000182471

Ref.

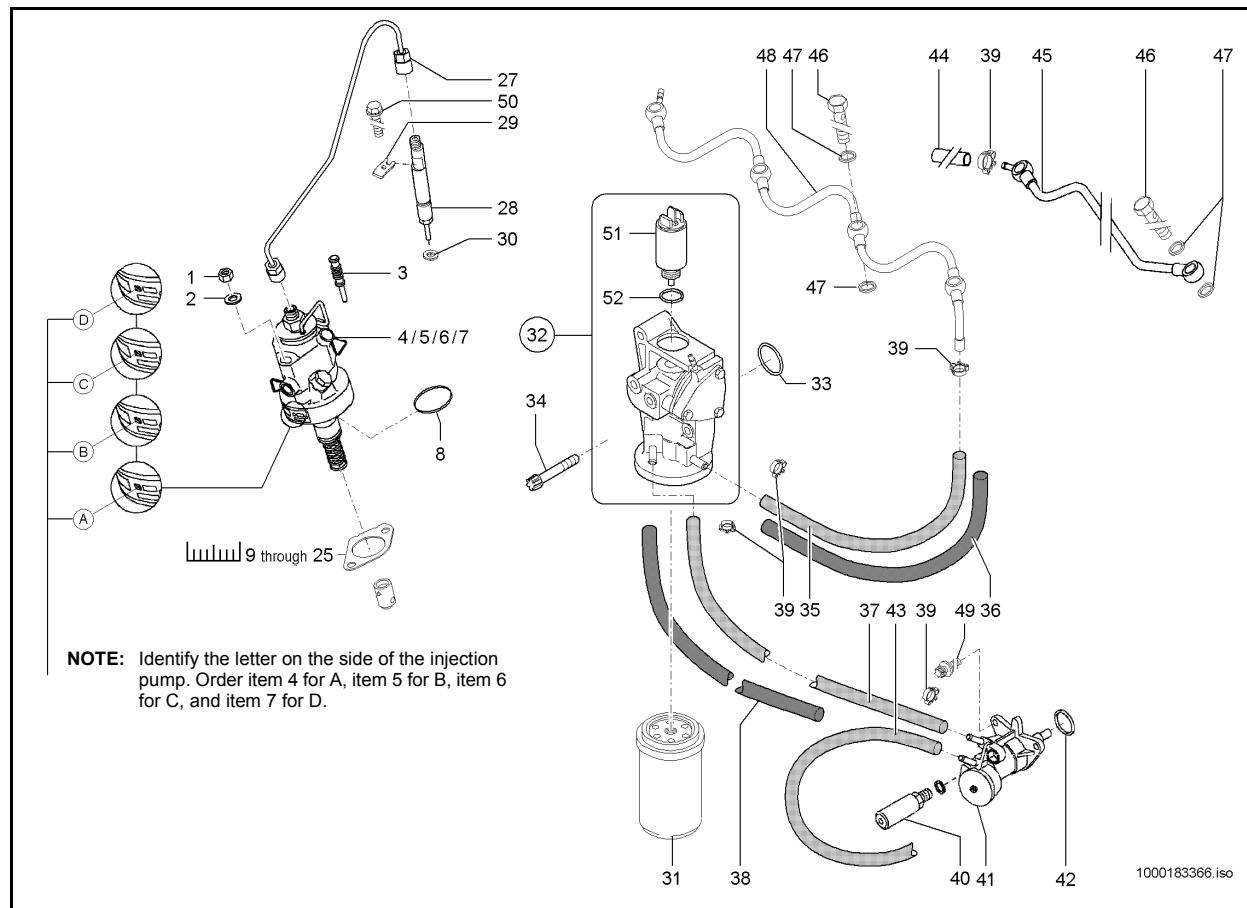
No.	Part No.	Description	Qty.
45	202937	ALTERNATOR	1
46	202781	COOLING FAN/ALTERNATOR	1
47	202952	SPACER	1
48	202780	PULLEY	1
49	208798	SPRING RING	1
50	208812	HEX NUT	1
51	202896	HEX SCREW	1
52	202946	HEX SCREW	1
53	202953	PLATE	1
54	202928	WATER PUMP	1
55	202962	HEX SCREW	5
56	202756	BUSHING	1

Ref.

No.	Part No.	Description	Qty.
57	207864	SEAL RING	1
58	202923	SEAL RING	1
59	202818	TEMPERATURE SENSOR	1
60	202926	O-RING	1
61	202927	THERMOSTAT	1
62	202925	COVER	1
63	202820	HEX SCREW	2
64	202963	LOCK SCREW	1
65	204412	SEAL RING	1
66	202828	A/C V-BELT See page 76 for more A/C components	1
67	656093	CS M8-1.25X16 C8.8 ZY DIN931	1

AWS 46 - FUEL INJECTION SYSTEM

1000183366



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208813	HEXAGON NUT	8	21	202787	SHIM (0.95MM)	4
2	208838	SPACER	8	22	202788	SHIM (1.00MM)	4
3	209116	PLUG	4	23	202789	SHIM (1.05MM)	4
4	203452	INJECTION PUMP*	4	24	202790	SHIM (1.10MM)	4
5	203453	INJECTION PUMP*	4	25	202791	SHIM (1.15MM)	4
6	203454	INJECTION PUMP*	4	27	202924	INJECTION LINE	4
7	203455	INJECTION PUMP*	4	28	203456	INJECTION VALVE	4
8	202811	O-RING	4	29	202969	FOOT PLATE	4
9	202792	SHIM (0.35MM)	4	30	207982	SEAL	4
10	202793	SHIM (0.40MM)	4	31	132024	FUEL FILTER	1
11	202794	SHIM (0.45MM)	4	32	203457	BRACKET/FUEL FILTER	1
12	202795	SHIM (0.50MM)	4	33	207870	O-RING	2
13	202796	SHIM (0.55MM)	4	34	0000802733	TORX SCREW	2
14	202797	SHIM (0.60MM)	4	35	202954	HOSE	1
15	202798	SHIM (0.65MM)	4	36	202955	HOSE	1
16	202799	SHIM (0.70MM)	4	37	202956	HOSE	1
17	202800	SHIM (0.75MM)	4	38	202957	HOSE	1
18	202801	SHIM (0.80MM)	4	39	0000801899	CLAMP	6
19	202785	SHIM (0.85MM)	4	40	202420	HAND PUMP	1
20	202786	SHIM (0.90MM)	4	41	202805	FUEL PUMP	1

* Identify the letter on the side of the injection pump. Order item 4 for A, item 5 for B, item 6 for C, and item 7 for D.

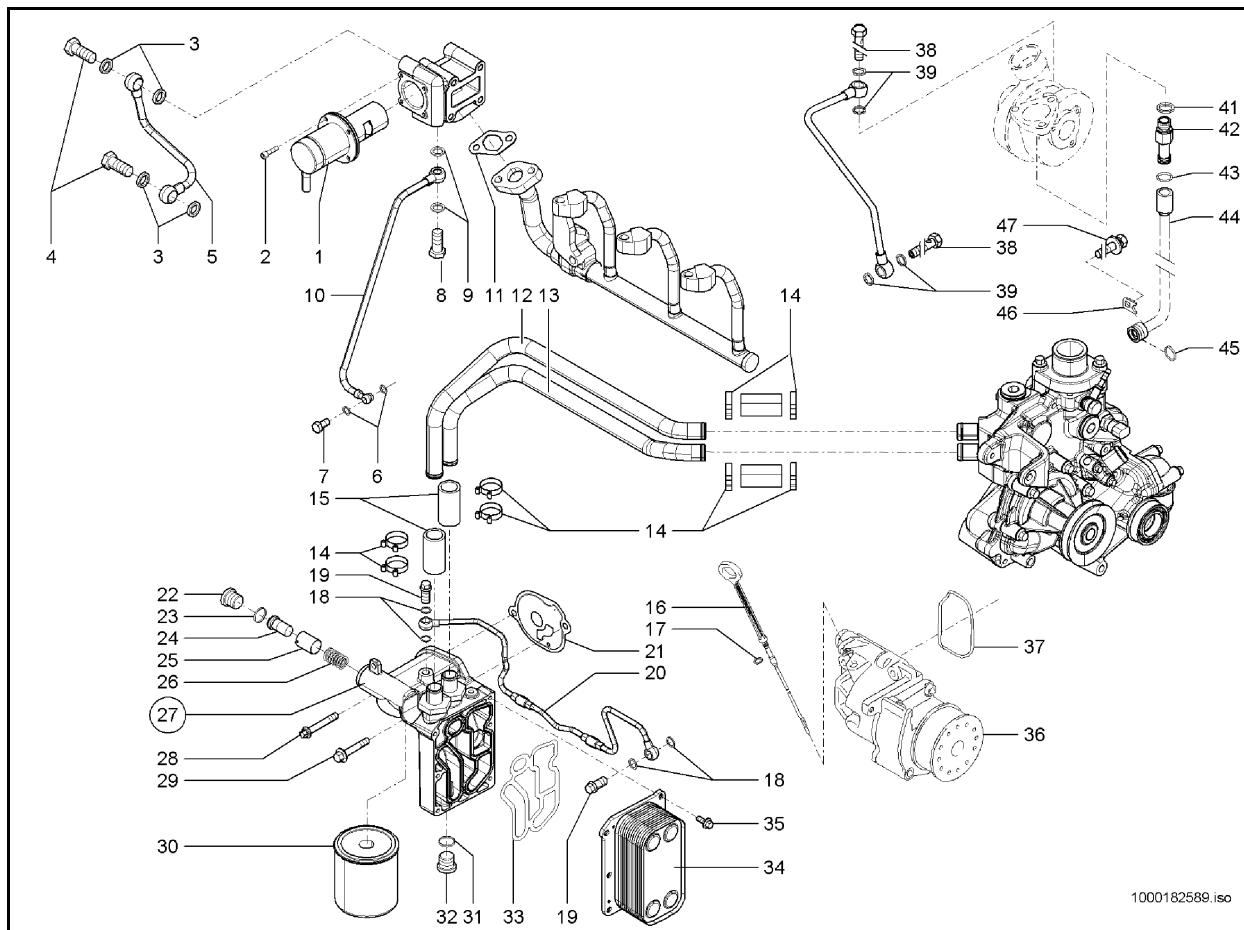
AWS 46 - FUEL INJECTION SYSTEM

1000183366

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	42	202419	O-RING	1		48	209120	FUEL LINE	1
	43	202754	FUEL LINE (1.97M)	1		49	0000801892	TORX SCREW	2
	44	202754	FUEL LINE (1.85M)	1		50	202714	HEX SCREW	4
	45	202922	FUEL LINE	1		51	207876	SOLENOID (FUEL SHUT-OFF)	1
	46	204246	BANJO BOLT	8		52	207873	SEAL RING	1
	47	208833	SEAL RING	16					

AWS 46 - OIL LUBRICATION SYSTEM

1000183389



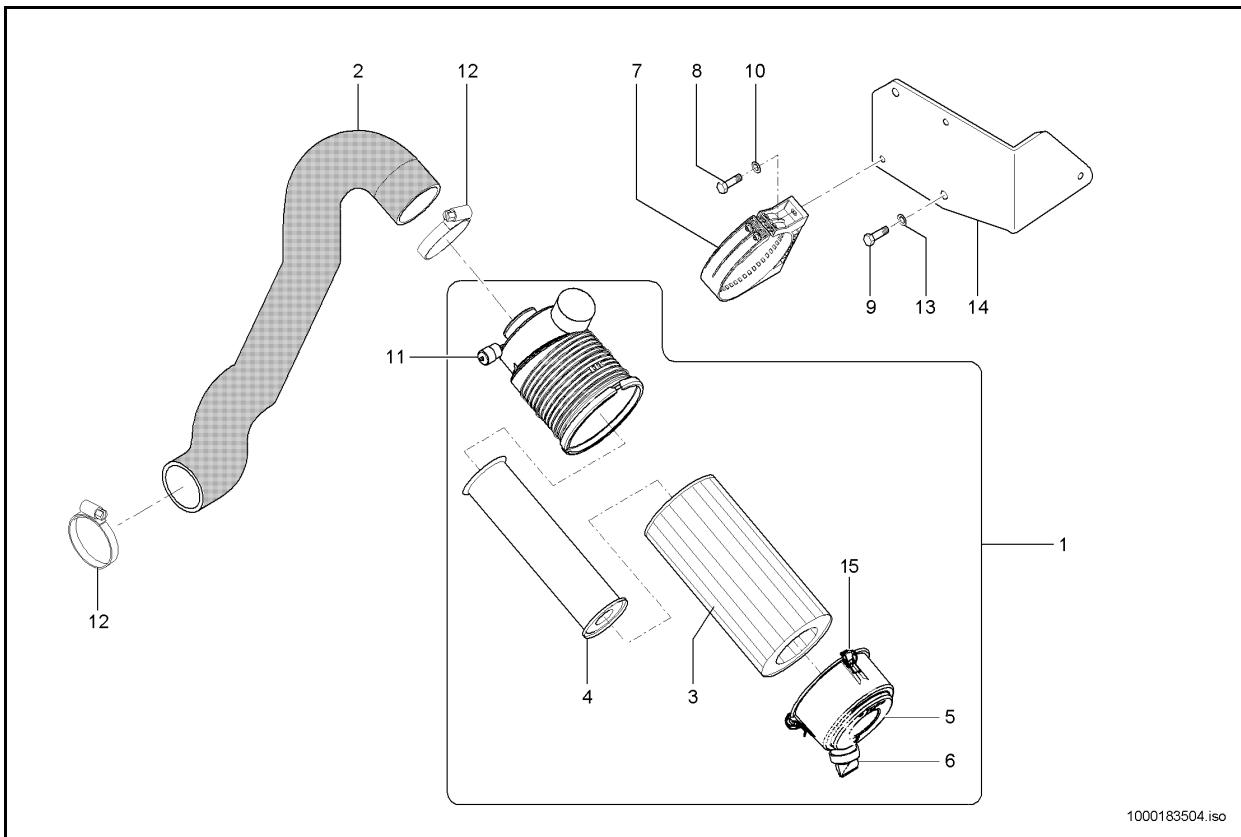
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202935	VALVE	1	21	202908	SEAL	1
2	202958	SHCS	4	22	208797	PLUG	1
3	202917	SEAL RING	4	23	208809	SEAL RING	1
4	202914	BANJO BOLT	2	24	202430	THERMOSTAT	1
5	202912	PIPE LINE	1	25	202429	SLIDE VALVE	1
6	202819	SEAL RING	2	26	202427	SPRING	1
7	202916	BANJO BOLT	1	27	202909	BRACKET/OIL COOLER	1
8	202915	BANJO BOLT	1	28	0000802733	TORX SCREW	2
9	208833	SEAL RING	2	29	202961	HEX SCREW	1
10	202913	PIPE LINE	1	30	132023	FILTER/ENGINE OIL	1
11	202934	SEAL	1	31	208806	SEAL RING	1
12	202930	PIPE LINE	1	32	202942	DRAIN PLUG	1
13	202929	PIPE LINE	1	33	202908	SEAL	1
14	202933	CLAMP	8	34	202959	OIL COOLER	1
15	202932	HOSE	4	35	202960	HEX SCREW	6
16	208846	OIL DIPSTICK	1	36	202907	OIL PUMP	1
17	208827	SEAL RING	1	37	0000802665	GASKET	1
18	202761	SEAL RING	8	38	204246	BANJO BOLT	2
19	202425	BANJO BOLT	4	39	207863	SEAL	4
20	202910	CONTROL LINE	1	41	207864	SEAL RING	1

AWS 46 - OIL LUBRICATION SYSTEM
1000183389

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	42	0000803393	CONNECTION PIECE	1		46	207613	PLATE	1
	43	0000803392	O-RING	1		47	207871	HEX SCREW	1
	44	203460	RETURN LINE	1					
	45	207872	SEAL RING	1					

AWS 46 - AIR INTAKE SYSTEM

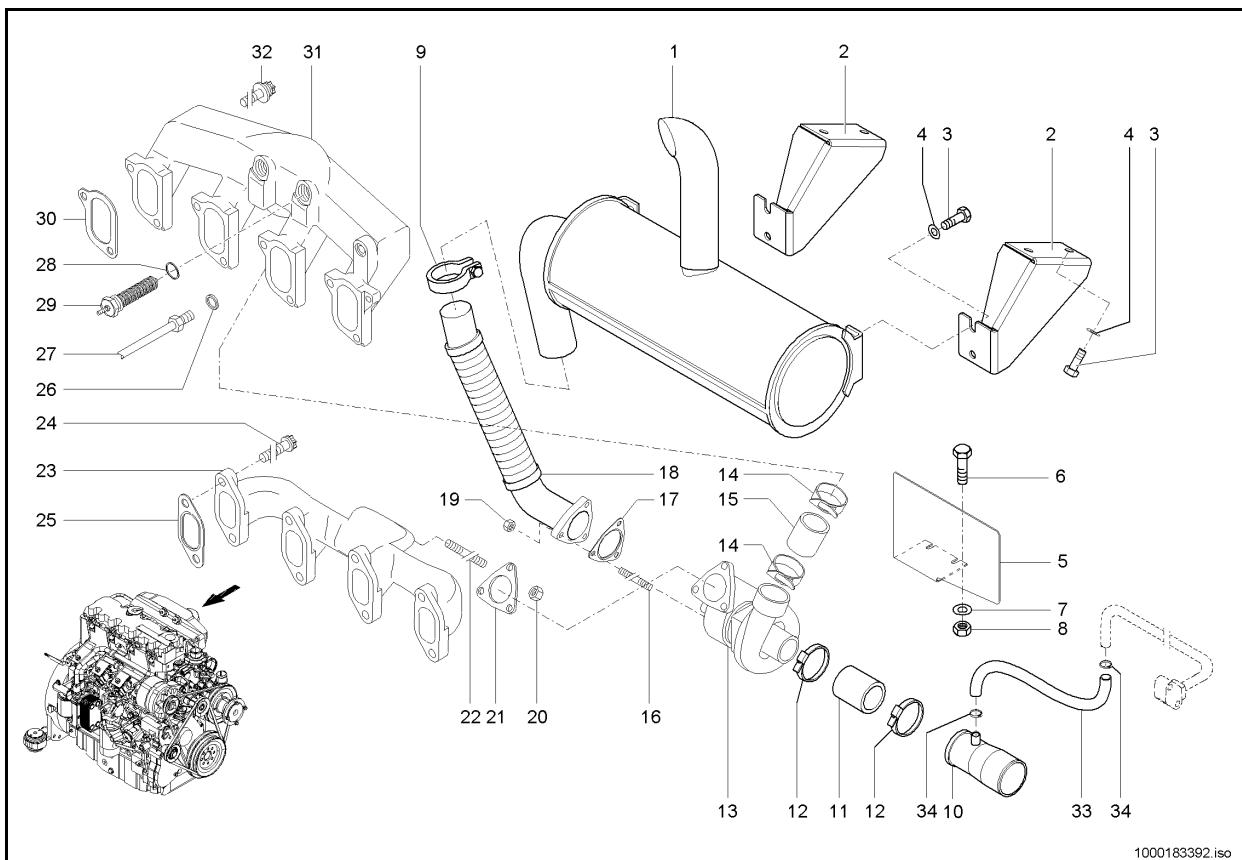
1000183504



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0009938001	AIR FILTER - COMPLETE	1	9	177648	HEX SCREW	1
2	203543	PRE-SHAPED HOSE	1	10	7462680011	WASHER 8.4 ST A2C	2
3	0000805187	AIR FILTER - OUTER	1	11	208639	MAINTENANCE INDICATOR	1
4	0000805188	AIR FILTER - INNER	1	12	0009937929	CLAMP D 70-90/12 AS	2
5	0000807545	COVER	1	13	163634	WASHER	3
6	165296	DUST VALVE	1	14	203461	BRACKET	1
7	0009935151	CLAMP	1	15	L99933	LATCH	3
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2				

AWS 46 - MANIFOLD SYSTEMS

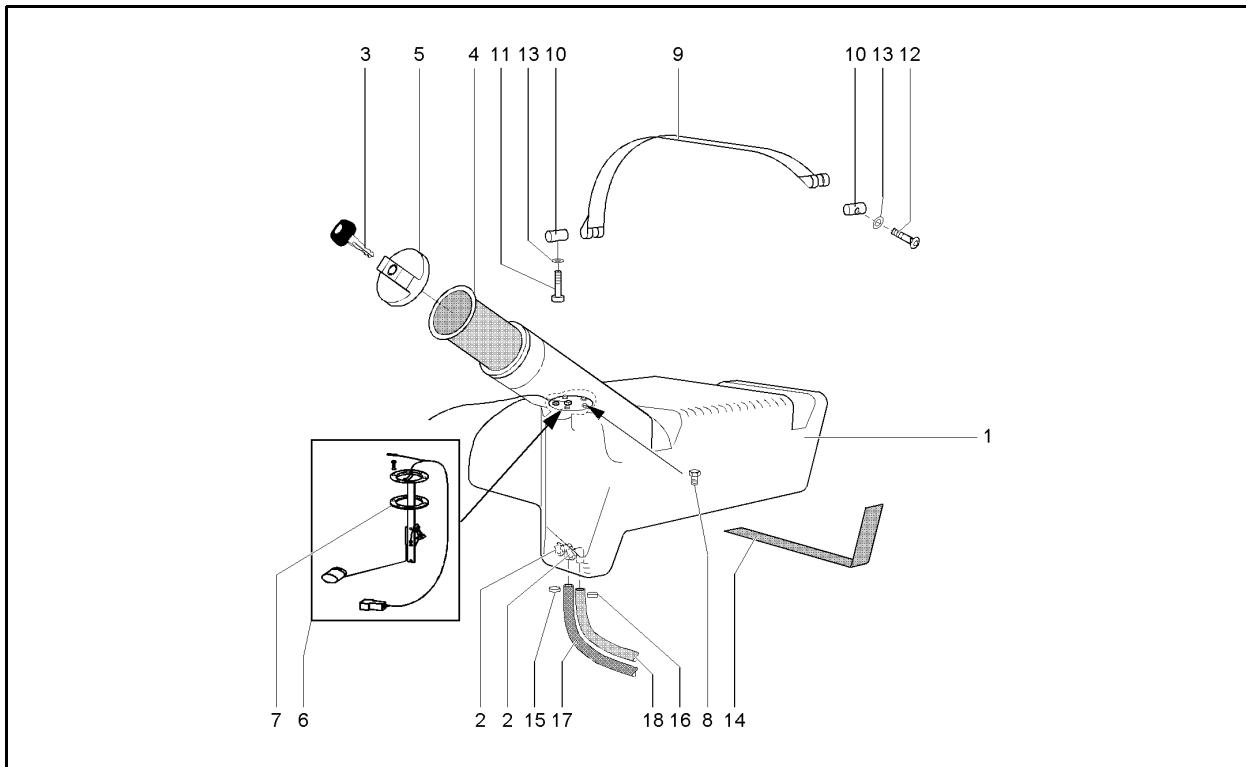
1000183392



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203462	MUFFLER	1	18	203467	EXHAUST PIPE	1
2	202755	MOUNTING BRACKET	2	19	209026	HEXAGON NUT	3
3	7236677187	HEX SCREW M12X25-8.8	8	20	207865	HEX NUT	3
4	7451680113	WASHER B13-140HV A2C	8	21	0000801404	GASKET	1
5	203464	PLATE	1	22	207866	HEX SCREW	3
6	164895	SCREW	1	23	208854	EXHAUST MANIFOLD	1
7	7462680008	WASHER	3	24	208450	TORX SCREW	8
8	651457	LN INS M6-1 C8 ZY DIN6924	2	25	0000801401	GASKET	4
9	202745	CLAMP	1	26	202761	SEAL RING	1
10	203465	INTAKE TUBE	1	27	207877	HOSE	1
11	203466	RUBBER SLEEVE	1	28	208808	SEAL RING	2
12	0000801872	CLAMP	2	29	208823	GLOW PLUG	2
13	207985	TURBO CHARGER	1	30	0000801401	GASKET	4
14	0000801872	CLAMP	2	31	203469	INTAKE MANIFOLD	1
15	207869	RUBBER SLEEVE	1	32	208450	TORX SCREW	8
16	0000801403	STUD BOLT M8X20	3	33	203470	RUBBER SLEEVE	1
17	0000801939	GASKET	1	34	203471	CLAMP	2

AWS 46 - FUEL TANK

1000183088



Ref.

No. Part No.

Description

Qty.

1	203472	FUEL TANK	1
2	0001610543	CONNECTION PIECE D8	2
3	101792	KEY*	1
4	160436	STRAINER/FUEL TANK	1
5	208465	LOCK COVER	1
6	201938	FUEL SENDER	1
7	0000801838	GASKET	1
8	651421	CS M4-0.7X16 C8.8 ZY DIN931	6
9	0009930112	TIGHTENING STRAP	2
10	0009900015	PIN D 12 LG 30 FE/ZN 8 C	4

Ref.

No. Part No.

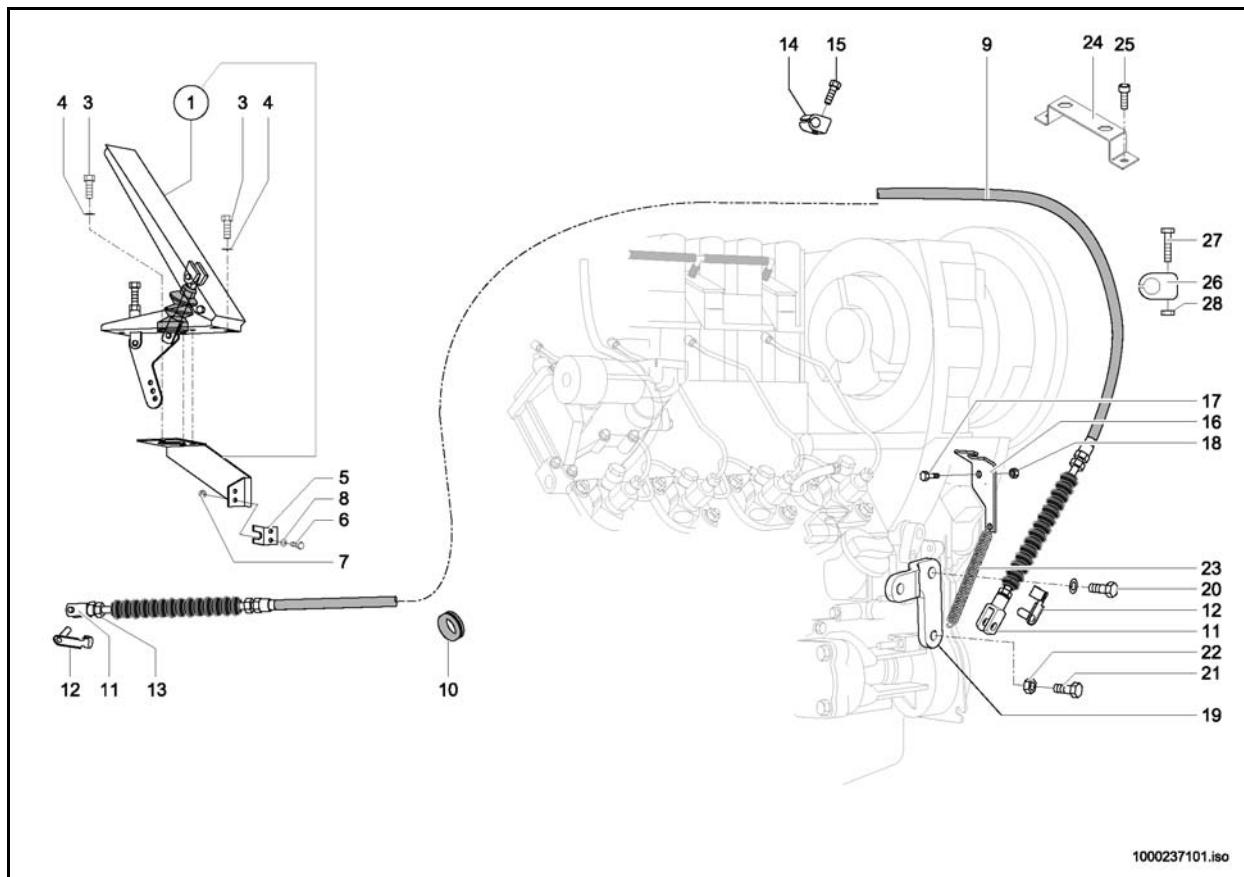
Description

Qty.

11	7252677054	SHCS M 8X65 8.8 A2C	2
12	7302670020	ROUND-HEAD BOLT M6X40-4.6 B2	2
13	7451680109	WASHER B6.4-140HV A2C	4
14	204534	RUBBER BAND 30X5 (1.5 M)	1
15	0009937550	CLAMP 12/8	4
16	203535	FUEL LINE (2.2M)	1
17	203535	FUEL LINE (2.3M)	1

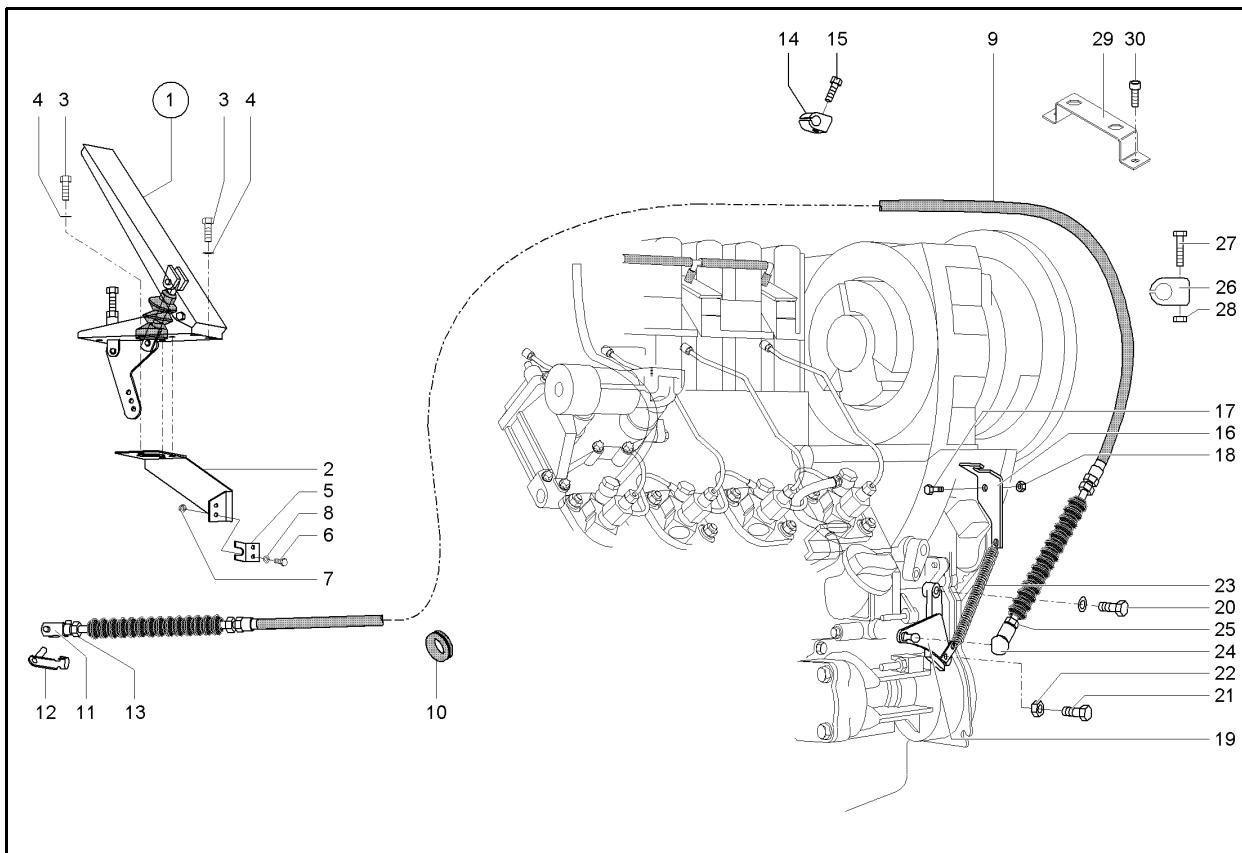
* Same key to start engine, and lock/unlock engine hood and fuel tank cap

AWS 46 - THROTTLE PEDAL
1000237101 - (SN 347040112 AND UP)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	0381700004	THROTTLE PEDAL	1		17	177648	HEX SCREW	1
	3	656092	CS M6-1 X 12 C8.8 ZY DIN931	6		18	651458	LN INS M8-1.25 C8 ZY DIN6924	1
	4	7462680008	WASHER	6		19	204418	LEVER	1
	5	1381710034	CLAMP	1		20	656149	CS M6-1X16 C8.8 ZY DIN931	1
	6	651521	CS M5-0.8 X 16 C8.8 ZY DIN931	2		21	164895	SCREW	1
	7	651456	LN INS M5-0.8 C8 ZY DIN6924	2		22	656047	HN M6-1 C8 ZY DIN934	1
	8	7460094023	WASHER 5.3	2		23	0009927501	TENSION SPRING	1
	9	0381710059	CABLE/THROTTLE	1		29	202092	BRACKET	1
	10	0009963042	DUCT RING 17 X 45 X 14	1		30	651506	SHCS M6-1 X 16 C8.8 ZY DIN912	2
	11	7821104306	CLEVIS	1		24	202092	BRACKET	1
	12	0009908115	SPRING CLIP PIN	1		25	651506	SHCS M6-1X16 C8.8 ZY DIN912	2
	13	656047	HN M6-1 C8 ZY DIN934	1		26	0009939850	CLAMP	1
	14	0009939850	CLAMP	1		27	656149	CS M6-1X16 C8.8 ZY DIN931	1
	15	656128	CS M6-1 X 30 C8.8 ZY DIN931	1		28	651457	LN INS M6-1 C8 ZY DIN6924	1
	16	209027	SPRING ANCHOR	1					

AWS 46 - THROTTLE PEDAL
1000144293 - (SN 347040111 AND BEFORE)

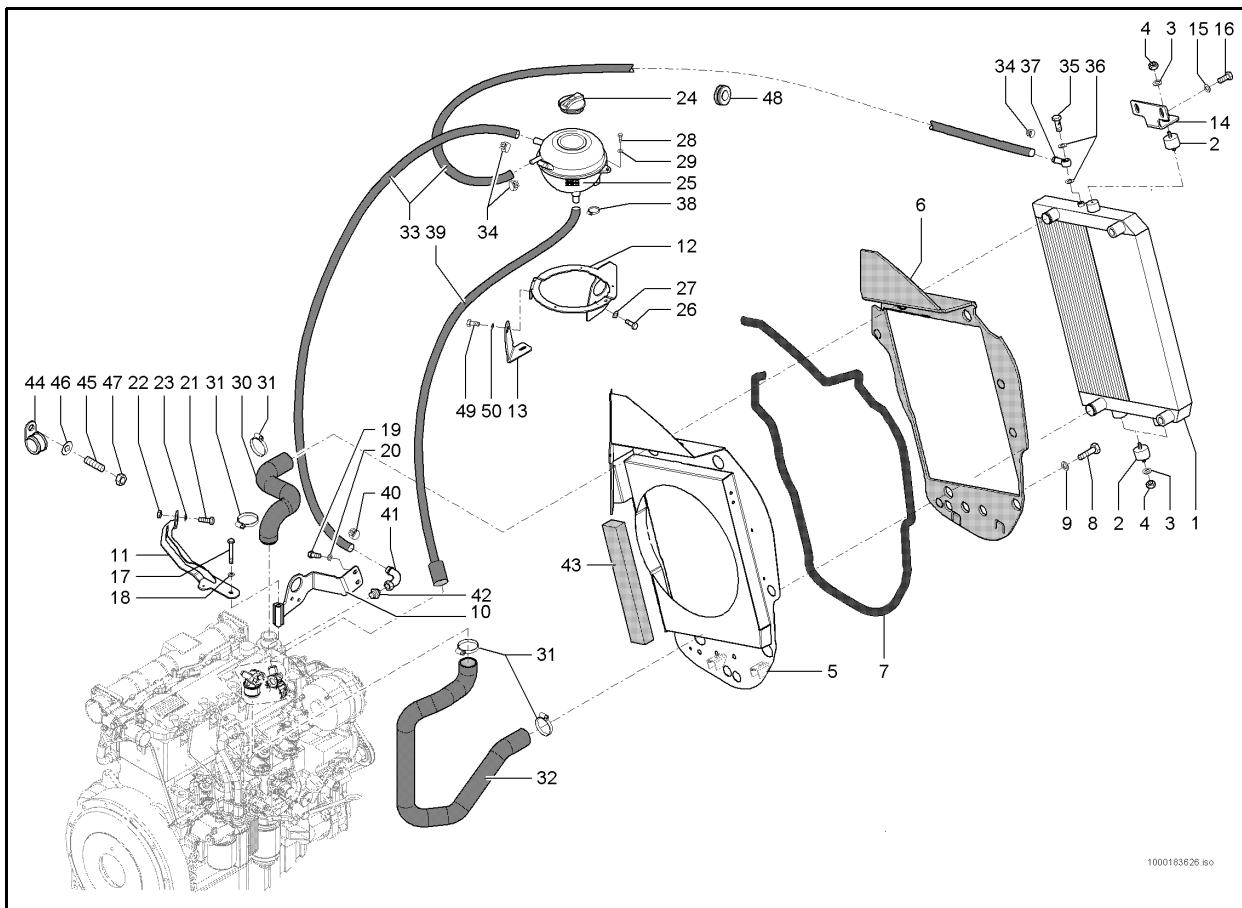


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0381700004	THROTTLE PEDAL	1	16	209027	SPRING ANCHOR	1
2	0381700004	CABLE BRACKET	1	17	177648	HEX SCREW	1
3	656092	CS M6-1 X 12 C8.8 ZY DIN931	6	18	651458	LN INS M8-1.25 C8 ZY DIN6924	1
4	7462680008	WASHER	6	19	1381710017	LEVER	1
5	1381710034	CLAMP	1	20	656149	CS M6-1X16 C8.8 ZY DIN931	1
6	651521	CS M5-0.8 X 16 C8.8 ZY DIN931	2	21	164895	SCREW	1
7	651456	LN INS M5-0.8 C8 ZY DIN6924	2	22	656047	HN M6-1 C8 ZY DIN934	1
8	7460094023	WASHER 5.3	2	23	0009927501	TENSION SPRING	1
9	0381710059	CABLE/THROTTLE	1	24	7824670271	ANGLE JOINT CS 10-A3C	1
10	0009963042	DUCT RING 17 X 45 X 14	1	25	651457	LN INS M6-1 C8 ZY DIN6924	1
11	7821104306	CLEVIS	1	26	0009939850	CLAMP	1
12	0009908115	SPRING CLIP PIN	1	27	656149	CS M6-1X16 C8.8 ZY DIN931	1
13	656047	HN M6-1 C8 ZY DIN934	1	28	651457	LN INS M6-1 C8 ZY DIN6924	1
14	0009939850	CLAMP	1	29	202092	BRACKET	1
15	656128	CS M6-1 X 30 C8.8 ZY DIN931	1	30	651506	SHCS M6-1 X 16 C8.8 ZY DIN912	2

NOTES

AWS 46 - WATER COOLING SYSTEM

1000183626



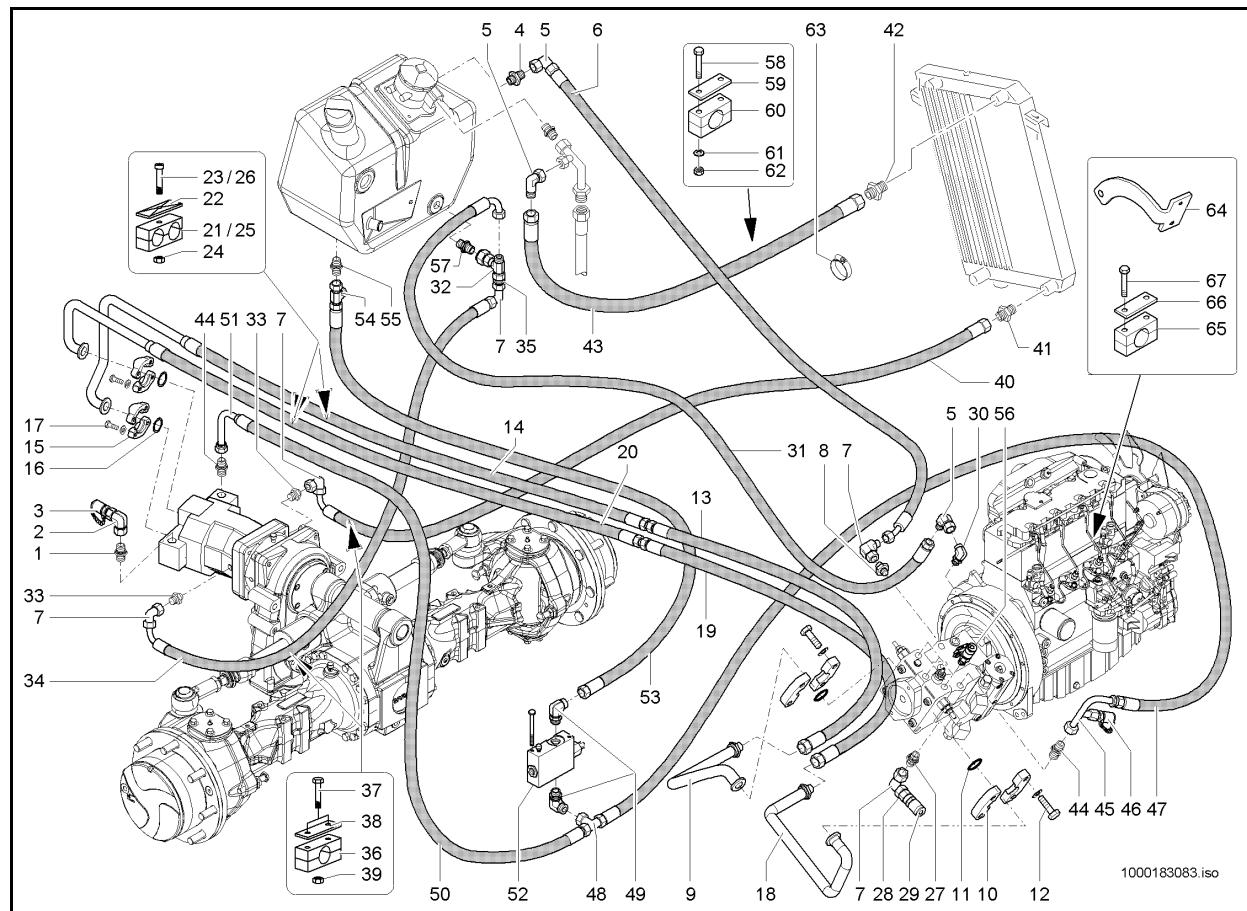
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203473	RADIATOR		1	18	161645	WASHER/GR A 13 DIN7349		1
2	203474	BEARING		3	19	177648	HEX SCREW		2
3	7462680011	WASHER 8.4 ST A2C		5	20	163634	WASHER		2
4	651458	LN INS M8-1.25 C8 ZY DIN6924		5	21	656105	CS M8-1.25X25 C8.8 ZY DIN931		1
5	203475	FAN HOUSING		1	22	651458	LN INS M8-1.25 C8 ZY DIN6924		1
6	203476	ISOLATION MAT		1	23	7462680011	WASHER 8.4 ST A2C		2
7	206559	PROFILE (2.4 M)		1	24	0161510026	VALVE COVER		1
8	651404	CS M12-1.75X20 C8.8 ZY DIN931		3	25	202712	EXPANSION TANK		1
9	161664	WASHER/BR A 13 ZO DIN9021		3	26	177648	HEX SCREW		2
10	202854	BRACKET		1	27	7462680011	WASHER 8.4 ST A2C		2
11	203477	BRACKET		1	28	209470	SCREW		2
12	203478	BRACKET		1	29	7451680109	WASHER B6.4-140HV A2C		2
13	203478	BRACKET		1	30	203480	PRE-SHAPED HOSE		1
14	203479	BRACKET		1	31	207689	CLAMP		4
15	7462680014	WASHER B10.5		2	32	203481	PRE-SHAPED HOSE		1
16	656006	CS M10-1.5X20 C8.8 ZY DIN931		2	33	202753	FUEL LINE (1.0M)		1
17	651403	HB M12-1.75X100 C8.8 ZY		1	34	0009937550	CLAMP 12/8		4

AWS 46 - WATER COOLING SYSTEM
1000183626

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	35	202680	BANJO BOLT	1		43	203484	ISOLATION MAT	1
	36	7593641020	SEALING RING A 12X18	2		44	202823	CLAMP	2
	37	202749	HOSE NIPPLE	1		45	208420	THREAD PIN	2
	38	0009937329	CLAMP D 16-25/9SKZ W2	1		46	7451680112	WASHER B10.5-140HV A2C	2
	39	203482	PRE-SHAPED HOSE	1		47	656047	HN M6-1 C8 ZY DIN934	2
	40	0009930651	CLAMP D 30	1		48	202884	SPACER	1
	41	203483	HOSE FITTING	1		49	656092	CS M6-1X12 C8.8 ZY DIN931	2
	42	0003631320	SCREW CONN. GE 10 LM M12X1.5 O.M D	1		50	7462680008	WASHER	2

AWS 46 - HYDRAULIC OIL CIRCULATION

1000183083



Ref.

No.	Part No.	Description	Qty.
1	0003639464	SCREW CONN. GE 8 LM M14X1.5 E A3C	1
2	161443	90° FITTING	1
3	0003638466	TEST CONNECTION 8 L A3C	1
4	0003635563	SCREW CONNECTION	1
5	161456	90° FITTING	2
6	202147	HP HOSE	1
7	161447	90° FITTING	4
8	0003632165	SCREW CONN. GE 18 LM M33X2 E A3C	1
9	202135	PIPE	1
10	0003638848	FLANGE HALF 3/4	4
11	0009967408	O-RING 25X3.53	2
12	651397	CS M10-1.5X35 C8.8 ZY	8
13	201954	HP HOSE	1
14	202140	HP HOSE	1
15	0003638948	FLANGE HALF	4
16	0009967508	O-RING 32.92X3.53	2
17	0009959068	SCREW M12X40-8.8 A3C	8
18	202134	PIPE	1
19	201955	HP HOSE	1
20	202141	HP HOSE	1

Ref.

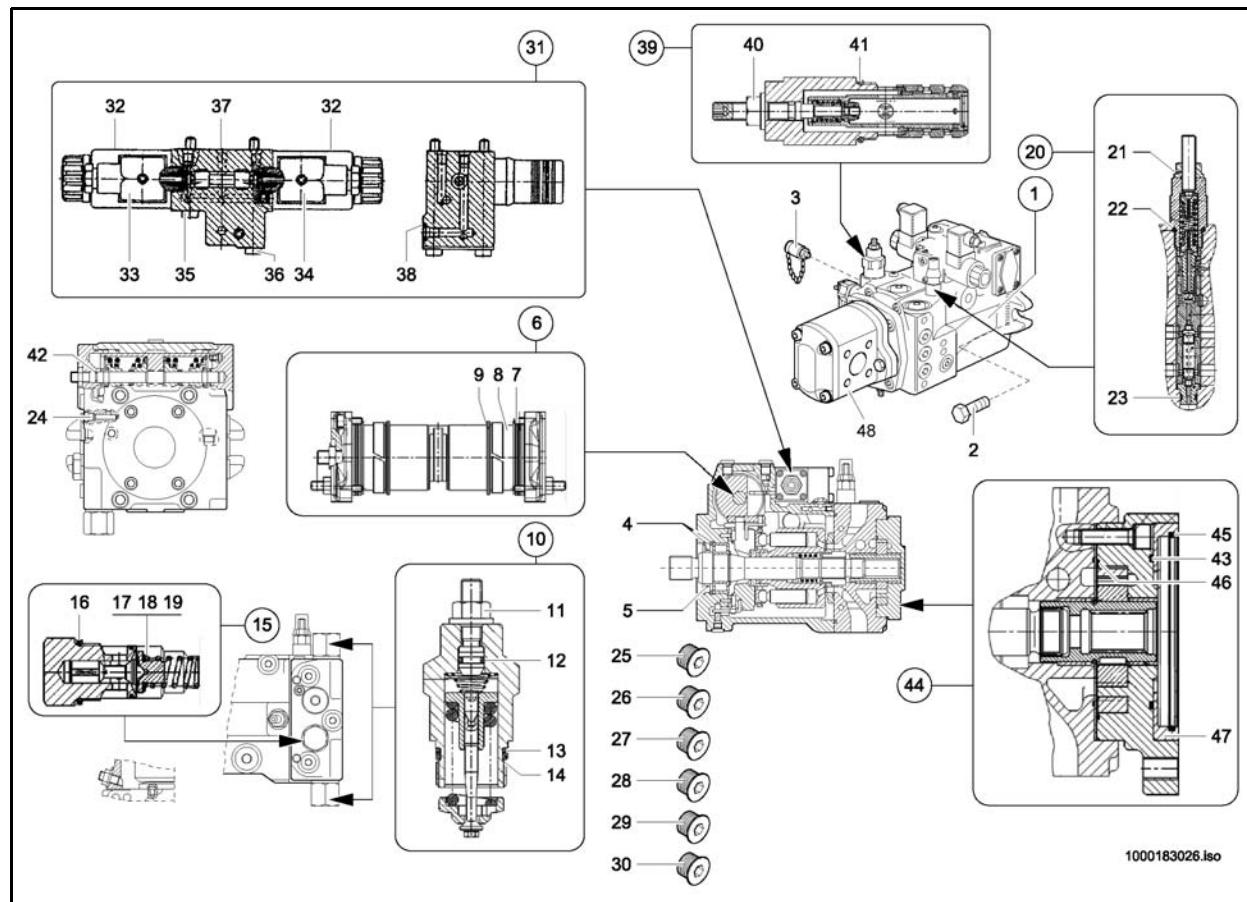
No.	Part No.	Description	Qty.
21	0009939550	CLAMP 35	1
22	0009933085	COVER PLATE	2
23	7252677056	SHCS 8X75-8.8 A2C	1
24	651458	LN INS M8-1.25 C8 ZY DIN6924	2
25	208499	DOUBLE CLAMP	1
26	7252677053	CHEESE-H. SCREW M 8X60-8.8 A2C	1
27	0003636215	SCREW CONN. GE 18 LM O.M D E A3C	1
28	0003632383	REDUCER	1
29	0003618484	DRAIN COUPLING M18X1.5	1
30	208578	SCREW JOINT	1
31	202146	HP HOSE	1
32	161502	TEE	1
33	0003635015	SCREW CONN. GE 18 LM M18X1.5 E A3C	2
34	202232	HP HOSE	1
35	201840	FITTING	1
36	202014	CLAMP	2
37	164913	SCREW	4
38	0009933485	COVER PLATE	4
39	651457	LN INS M6-1 C8 ZY DIN6924	4
40	203485	HP HOSE	1

AWS 46 - HYDRAULIC OIL CIRCULATION
1000183083

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	41	0003631416	SCREW CONN. GE 22 LM E A3C	1		55	0003636649	SCREW CONN. GE 12 LM M18X1.5 E A3C	1
	42	0003631815	SCREW CONNECTION	2		56	0003630663	TEST CONNECTION 10 L A3C	1
	43	203486	HP HOSE	1		57	201915	NON-RETURN VALVE	1
	44	164950	SCREW JOINT	2		58	164913	SCREW	2
	45	209361	CONNECTION PIECE	1		59	0009933485	COVER PLATE	1
	46	209213	MINIMESS POINT	1		60	202014	CLAMP	1
	47	202312	HP HOSE	1		61	7462680008	WASHER	2
	48	163115	TEE	1		62	651457	LN INS M6-1 C8 ZY DIN6924	2
	49	208070	SCREW JOINT	2		63	0009933531	CLAMP D 28	1
	50	202145	HP HOSE	1		64	203487	BRACKET	2
	51	209357	CONNECTION PIECE	1		65	0009930051	CLAMP	2
	52	208435	INCHING VALVE	1		66	0009933485	COVER PLATE	2
	53	201873	HP HOSE	1		67	164913	SCREW	4
	54	162062	ELBOW	1					

AWS 46 - VARIABLE DISPLACEMENT PUMP

1000183026



Ref.

No.	Part No.	Description	Qty.
1	202342	DISPLACEMENT PUMP	1
2	0009953268	SCREW M16X35 200 NM;	2
3	0003630664	TEST CONNECTION M14X1.5 A3C	1
4	0000808891	CIRCLIP	2
5	0000809014	ROTARY SHAFT SEAL	1
6	202245	DISPLACEMENT	1
7	0000808871	O-RING	2
8	202247	SUPPORT RING	2
9	202248	SEAL RING	2
10	0000808863	PRESSURE RELIEF VALVE	2
11	0000805219	SEAL-LOCK COLLAR NUT M8 22NM	2
12	0009968670	O-RING 6.7X1.78	2
13	0000805220	PROP RING 20.1X1.4	2
14	0999961964	O-RING	2
15	0000808864	PRESSURE RELIEF VALVE	1
16	0000808873	O-RING	1
17	7464680083	SHIM RING 10X16X0.5 ST	1

Ref.

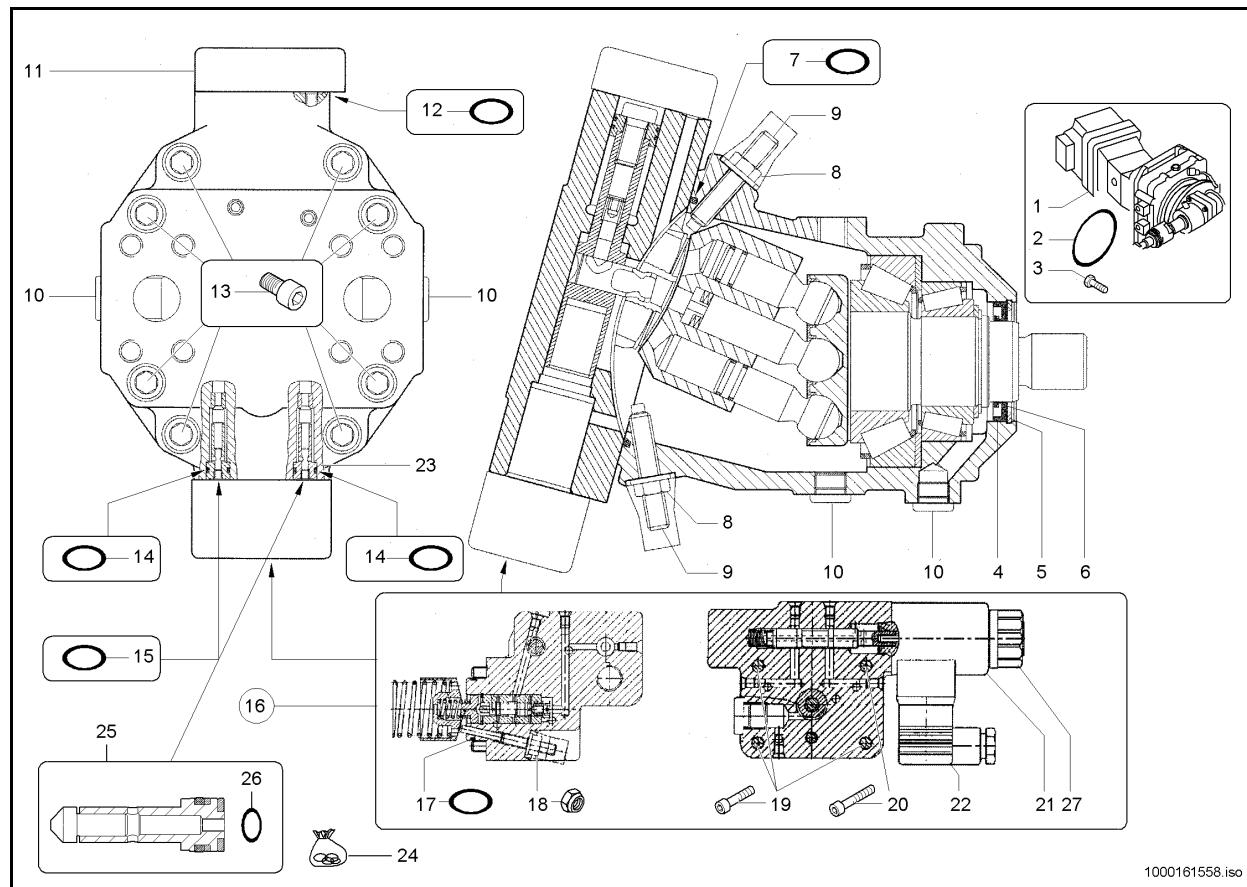
No.	Part No.	Description	Qty.
18	7464680140	SHIM RING 10X16X0.3	1
19	7464680087	SHIM RING 10X16X1	1
20	0000808884	CUT-OFF VALVE	1
21	0000805219	SEAL-LOCK COLLAR NUT M8 22NM	1
22	0009967370	O-RING 12.37X2.62	1
23	209141	O-RING	1
24	0000805206	NOZZLE	1
25	209595	LOCK SCREW (M22X1.5)	1
26	209598	LOCK SCREW (M18X1.5)	4
27	209596	LOCK SCREW (M14X1.5)	5
28	209597	LOCK SCREW (M12X1.5)	1
29	209614	LOCK SCREW (M10X1.0)	1
30	203488	LOCK SCREW (M8X1.0)	1
31	209600	DRIVE VALVE	1
32	0000809137	MAGNET	2
33	0000802096	SOCKET	1
34	0000802083	SOCKET	1

AWS 46 - VARIABLE DISPLACEMENT PUMP**1000183026**

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	35	7252677038	SHCS M6X45-8.8 A2C	3		42	0009968370	O-RING 92.5X1.78	1
	36	7252677580	SHCS M6X70-8.8 A2C	2		43	201859	O-RING	1
	37	209560	SEAL	1		44	202249	INTERNAL GEAR PUMP SET	1
	38	0000807612	O-RING	1		45	209815	SEAL RING	1
	39	202250	CONTROL CARTRIDGE	1		46	0000802127	SEALING RING	1
	40	0000805219	SEAL-LOCK COLLAR NUT M8 22NM	1		47	204427	FLANGE	1
	41	202251	O-RING	1		48	202292	HYDRAULIC GEAR PUMP	1

AWS 46 - HYDRAULIC MOTOR

1000161558

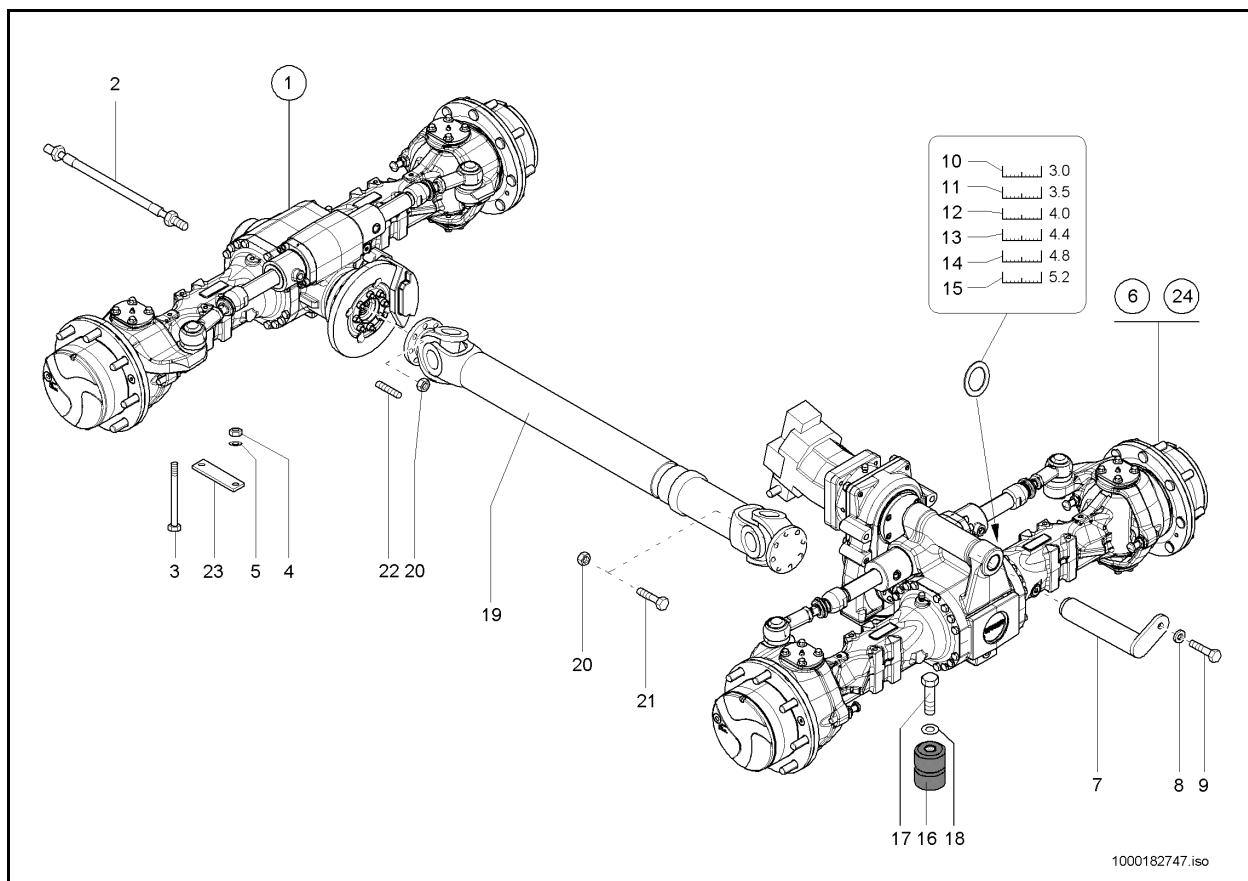


1000161558.iso

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202335	HYDRAULIC MOTOR	1	15	0009969870	O-RING 5.28X1.78	2
2	202343	O-RING	1	16	202348	MOTOR CONTROL	1
3	0009959068	SCREW M12X40-8.8 A3C	4	17	202441	O-RING	1
4	0000807630	ROTARY SHAFT LIP SEAL	1	18	0000805233	SEAL-LOCK NUT M6 10 NM	1
5	202344	LOCK RING	1	19	202351	SHCS	3
6	202345	DISK	1	20	202352	SHCS	1
7	0009968770	O-RING 164.69X3.53	1	21	0000809137	MAGNET	2
8	209010	NUT	2	22	0000802083	SOCKET	1
9	209009	THREAD PIN	2	23	202349	SUPPORT RING	1
10	208464	LOCK SCREW	1	24	202347	SEAL KIT	1
11	209012	COVER	1	25	202846	NON-RETURN VALVE	1
12	0009968070	O-RING 7.65X1.78	6	26	202845	O-RING	1
13	202350	SHCS	8	27	202847	NUT	2
14	0009968870	O-RING 9.25X1.78	2				

AWS 46 - AXLE ATTACHMENTS

1000182747

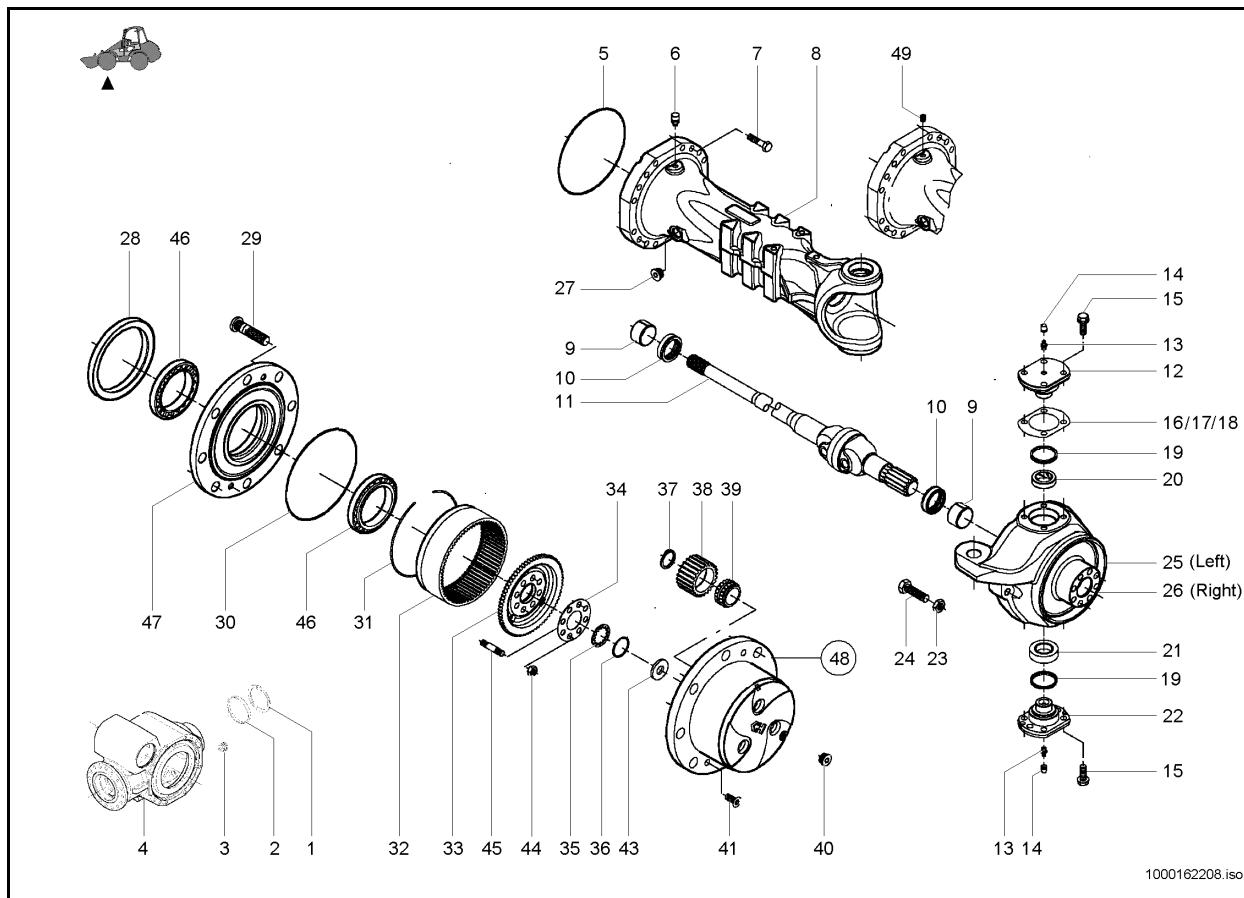


1000182747.iso

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description	Ref. No.
1	203489	FRONT AXLE See page 30 for individual components	1	1009973020	SPACER 40.5X75X4 FE/ZN 12 C	1
2	202021	BREATHER	1	13 202229	SPACER (4.4MM)	1
3	201848	SCREW	4	14 202230	SPACER (4.8MM)	1
4	651452	HLN INS M20-2.5 ZO	4	15 202231	SPACER (5.2MM)	1
5	161653	WASHER/ROUND HI-TENS 21	4	16 0009938078	RUBBER BUMPER	2
6	203490	REAR AXLE See page 34 for individual components	1	17 7236677942	HEX SCREW M12X35-8.8 A2C	2
7	201948	PIN	1	18 7451680113	WASHER B13-140HV A2C	2
8	1394160050	BUSHING 12.5X20 LG 19 FE/ZN 12 C	1	19 204414	DRIVE SHAFT	1
9	7236677942	HEX SCREW M12X35-8.8 A2C	1	20 7409678208	HEX NUT M10-10 V A2F	16
10	1009972920	SPACER 40.5X75X3 FE/ZN 12 C	1	21 651395	CS M10-1.5X30 C10.9 ZY DIN931	8
11	209507	SHIM (3.5 MM)	1	22 208421	PIN SCREW	8
				23 202261	BRACKET	1

AWS 46 - FRONT AXLE

1000162208



1000162208.iso

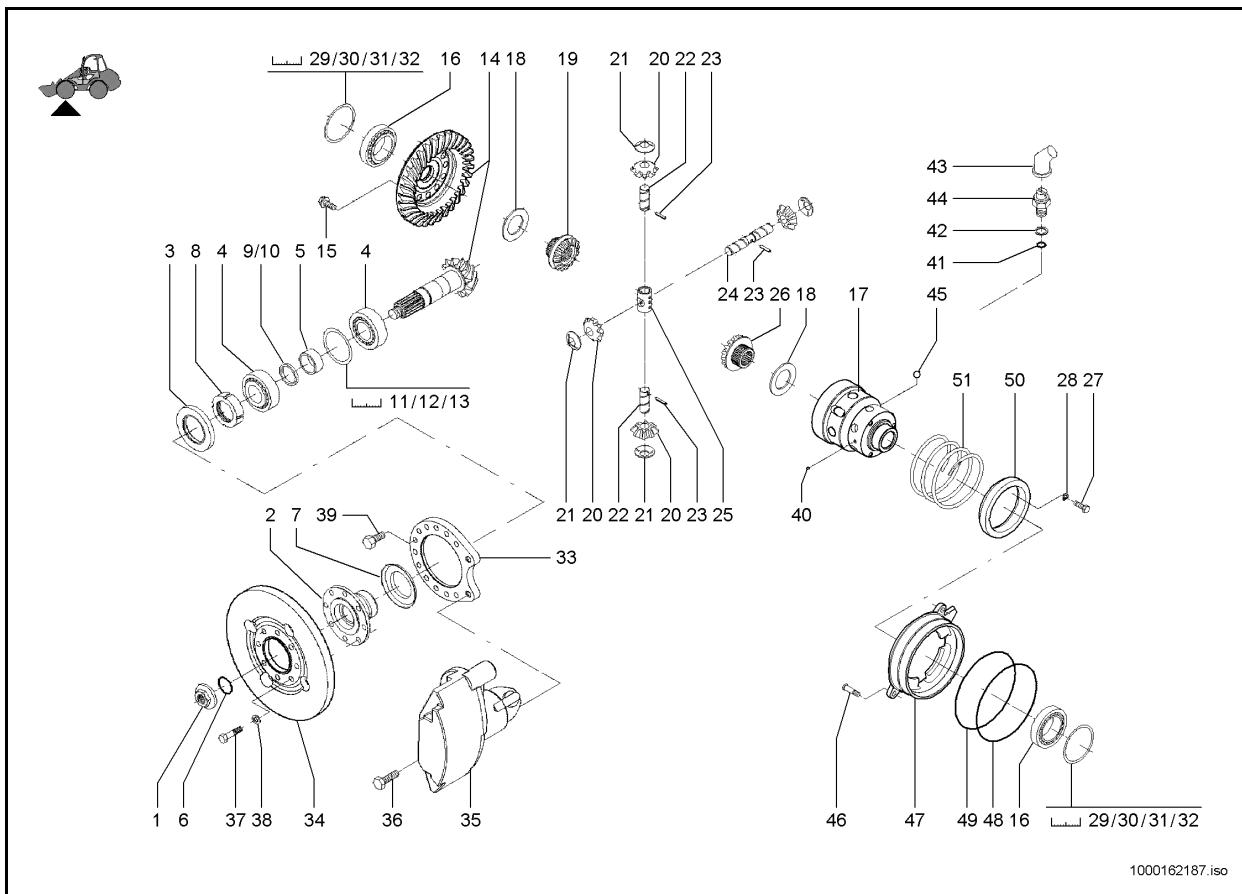
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201860	LOCK RING	1	20	202075	BUSHING	2
2	202036	RING	1	21	202076	BUSHING	2
3	201880	MAGNETIC PLUG	1	22	202736	PIN	2
4	204423	AXLE HOUSING (SN 347040001 AND UP)	1	23	201997	NUT	4
	202037	AXLE HOUSING (SN 347039999 AND BEFORE)	1	24	0000807078	STOP BOLT	4
5	0000805924	O-RING 2.62X202.87	1	25	202403	SWIVEL CASE (LEFT)	1
6	201916	BREATHER (SN 347039999 AND BEFORE)	1	26	202404	SWIVEL CASE (RIGHT)	1
7	201892	SCREW	32	27	202079	PLUG	2
8	202252	AXLE CASE	2	28	202080	SEAL	2
9	202069	BUSHING	4	29	202081	BOLT	16
10	202070	SEAL	4	30	201907	O-RING	2
11	202253	SHAFT	2	31	201895	LOCK RING	2
12	202732	PIN	2	32	201906	RING GEAR	2
13	202072	GREASE ZERK	4	33	201896	WHEEL SUPPORT	2
14	201865	PLUG	4	34	202082	LOCK PLATE	2
15	202073	SCREW	20	35	202083	RING	2
16	202733	SPACER (0.15MM)	1	36	202084	LOCK RING	2
17	202734	SPACER (0.20MM)	1	37	201897	LOCK RING	6
18	202735	SPACER (0.50MM)	1	38	201898	PLANETARY GEAR	6
19	202074	SEAL	2	39	201899	BEARING	6
				40	201900	PLUG	2
				41	201901	SCREW	4

AWS 46 - FRONT AXLE
1000162208

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	43	201903	WASHER	2		48	201908	PLANETARY CARRIER	2
	44	201904	NUT	16		49	201911	LOCK SCREW	1
	45	201905	STUD	16					
	46	201894	BEARING	4					
	47	202085	WHEEL HUB	2					

AWS 46 - FRONT AXLE DIFFERENTIAL

1000238627



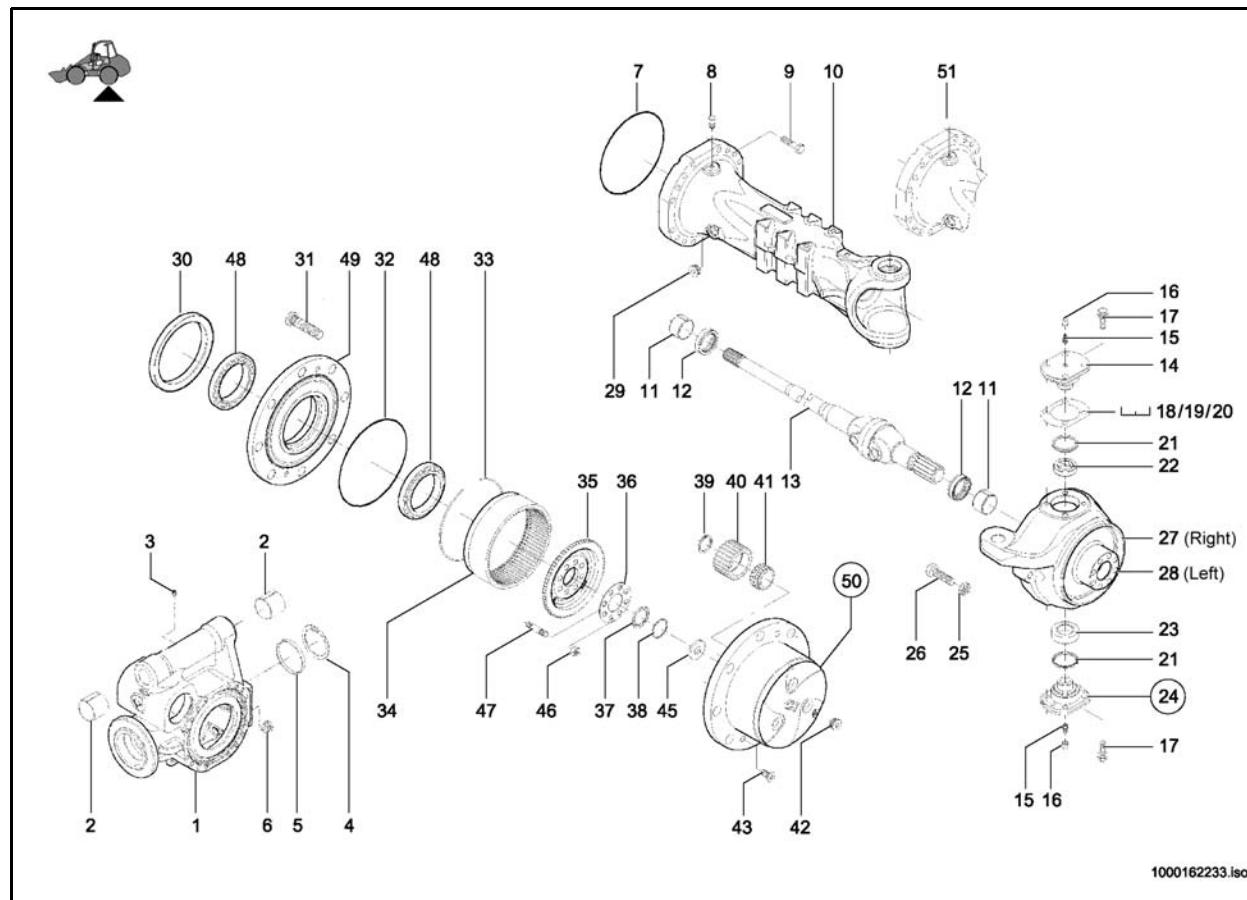
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201866	NUT	1	20	204426	PINION GEAR (SN 347040001 AND UP)	4
2	202385	FLANGE	1		201885	PINION GEAR (SN 347039999 AND BEFORE)	4
3	202039	SEAL	1	21	201886	WASHER	4
4	202040	BEARING	2	22	204415	PIN (SN 347040001 AND UP)	2
5	201912	SHIM	1		201887	PIN (SN 347039999 AND BEFORE)	2
6	202041	O-RING	1	23	201888	PIN	3
7	202042	PLATE	1	24	204416	PIN (SN 347040001 AND UP)	1
8	202043	SET NUT	1		201889	PIN (SN 347039999 AND BEFORE)	1
9	202044	RING (0.2 MM)	1	25	201890	CROSS	1
10	202045	RING (0.5 MM)	1	26	204424	GEAR (SN 347040001 AND UP)	1
11	202046	SHIM (0.15MM)	1		202390	GEAR (SN 347039999 AND BEFORE)	1
12	202047	SHIM (0.2MM)	1	27	202395	SCREW	3
13	202048	SHIM (0.5MM)	1	28	202396	WASHER	1
14	202387	BEVEL GEAR SET	1	29	202054	SHIM (0.15MM)	2
15	202388	SCREW	12	30	202055	SHIM (0.2MM)	2
16	201883	BEARING	2	31	202056	SHIM (0.5MM)	2
17	202386	DIFFERENTIAL HOUSING	1	32	202057	SHIM (1.0MM)	2
18	201884	WASHER	2	33	202392	BRACKET	1
19	204413	DIFFERENTIAL SHAFT GEAR (SN 347040001 AND UP)	1	34	202060	BRAKE DISK	1
	202389	DIFFERENTIAL SHAFT GEAR (SN 347039999 AND BEFORE)	1	35	202061	BRAKE CALIPER	1
				36	202391	SCREW	2

AWS 46 - FRONT AXLE DIFFERENTIAL
1000238627

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	37	202064	SCREW	8		45	202402	BALL	6
	38	202065	LOCKWASHER	8		46	202397	SCREW	2
	39	202063	SCREW	12		47	202398	PISTON	1
	40	202401	BALL	1		48	202400	O-RING	1
	41	201862	O-RING	1		49	202399	RING	1
	42	201863	SEAL	1		50	202394	SLEEVE	1
	43	202265	CAP	1		51	202393	SPRING	1
	44	202264	STARTER BARRIER	1					

AWS 46 - REAR AXLE

1000162233



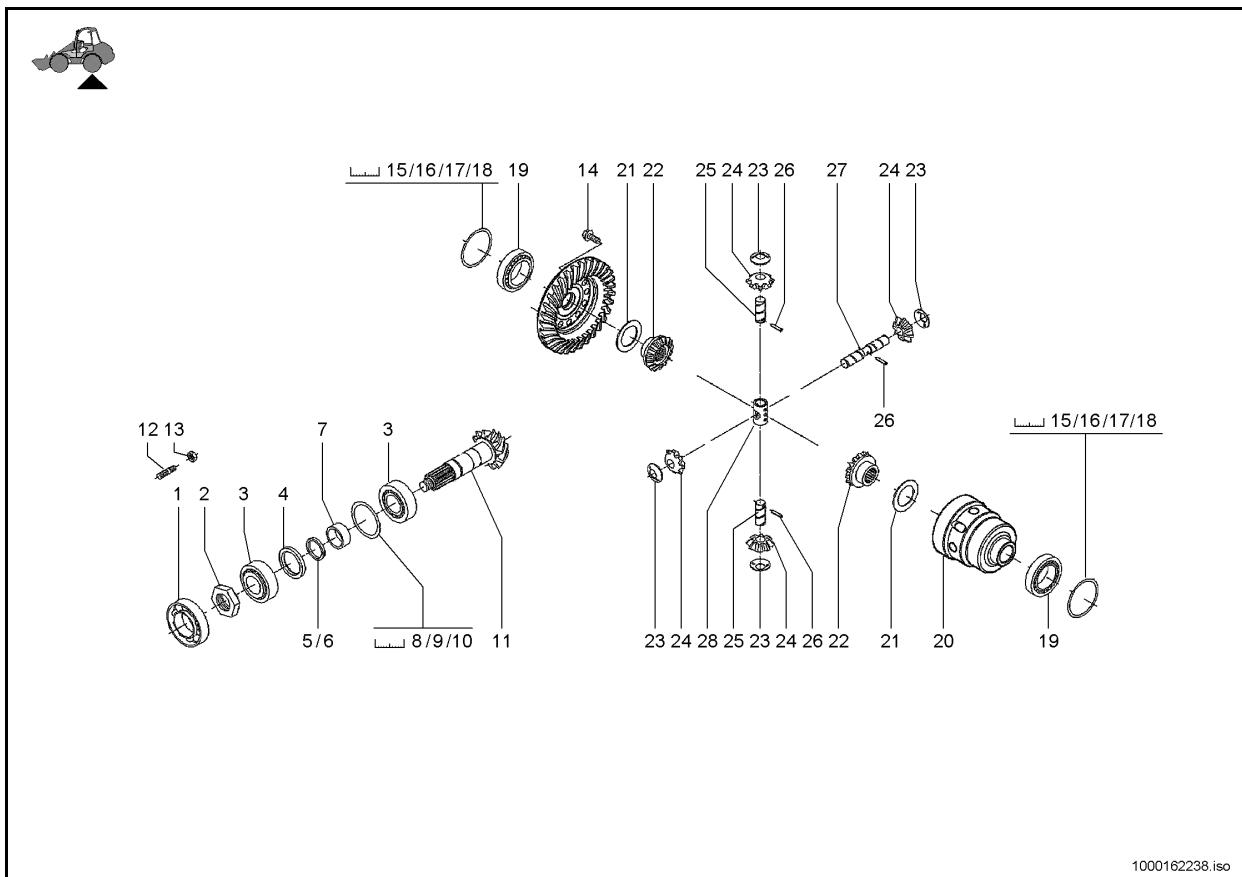
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	202090	HOUSING	1	22	202075	BUSHING	2
2	202091	BUSHING	2	23	202076	BUSHING	2
3	202072	GREASE ZERK	1	24	202736	PIN	2
4	201860	LOCK RING	1	25	201997	NUT	4
5	202036	RING	1	26	0000807078	STOP BOLT	4
6	201880	MAGNETIC PLUG	1	27	202403	SWIVEL CASE (RIGHT)	1
7	0000805924	O-RING 2.62X202.87	2	28	202404	SWIVEL CASE (LEFT)	1
8	201916	BREATHER (SN 347039999 AND BEFORE)	1	29	202079	PLUG	2
9	201892	SCREW	32	30	202080	SEAL	2
10	202252	AXLE CASE	2	31	202081	BOLT	16
11	202069	BUSHING	4	32	201907	O-RING	2
12	202070	SEAL	4	33	201895	LOCK RING	2
13	202253	SHAFT	2	34	201906	RING GEAR	2
14	202732	PIN	2	35	201896	WHEEL SUPPORT	2
15	202072	GREASE ZERK	4	36	202082	LOCK PLATE	2
16	201865	PLUG	4	37	202083	RING	2
17	202073	SCREW	20	38	202084	LOCK RING	2
18	202733	SPACER (0.15MM)	2	39	201897	LOCK RING	6
19	202734	SPACER (0.20MM)	2	40	201898	PLANETARY GEAR	6
20	202735	SPACER (0.50MM)	2	41	201899	BEARING	6
21	202074	SEAL	2	42	201900	PLUG	2
				43	201901	SCREW	4

AWS 46 - REAR AXLE
1000162233

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	45	201903	WASHER	2		201908		PLANETARY CARRIER (INCLUDES 39, 40, 41, 44, 45 (SN 347039999 AND BEFORE)	2
	46	201904	NUT	16		51	201911	LOCK SCREW	1
	47	201905	STUD	16					
	48	201894	BEARING	4					
	49	202085	WHEEL HUB	2					
	50	204263	PLANETARY CARRIER (INCLUDES 39, 40, 41, 44, 45 (SN 347040001 AND UP)	2					

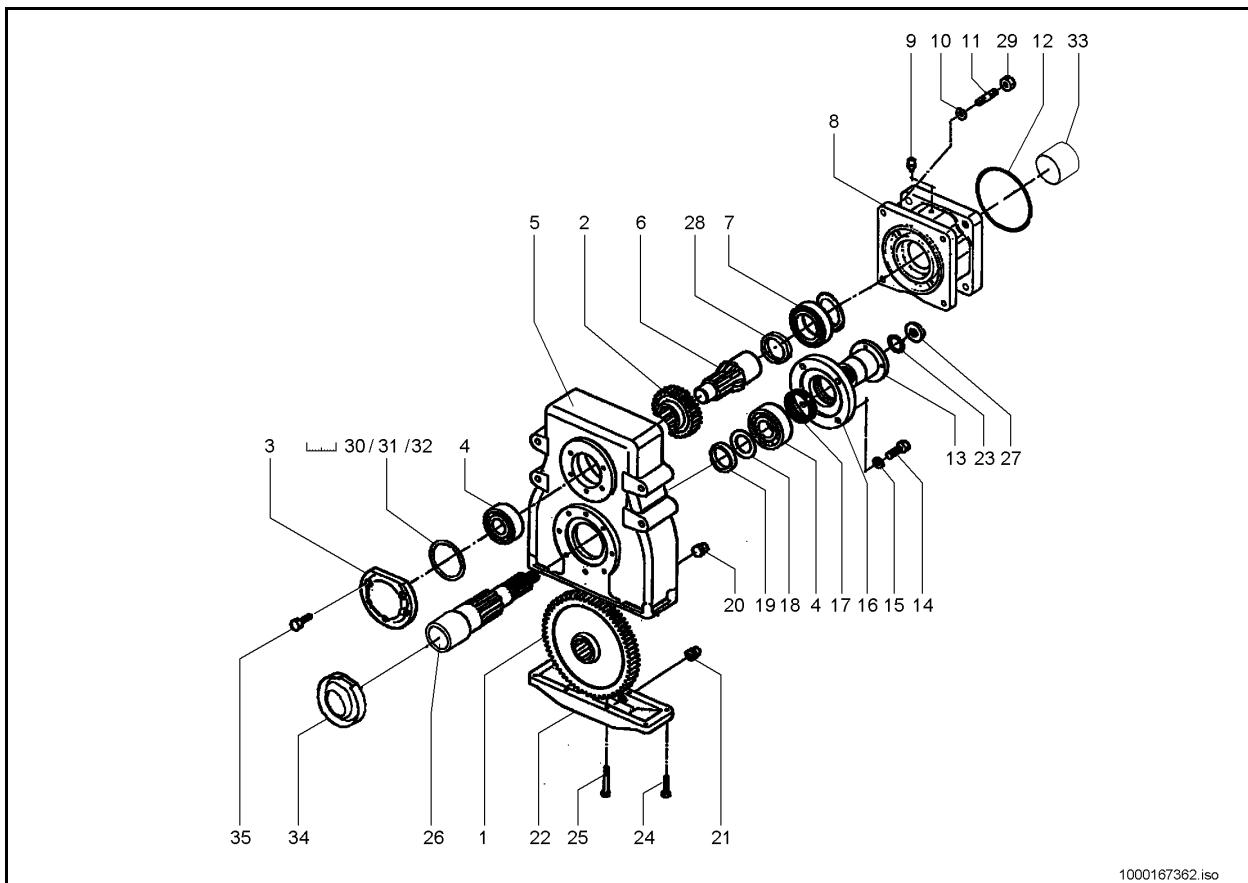
AWS 46 - REAR AXLE DIFFERENTIAL

1000238629, 1000162238



1000162238.iso

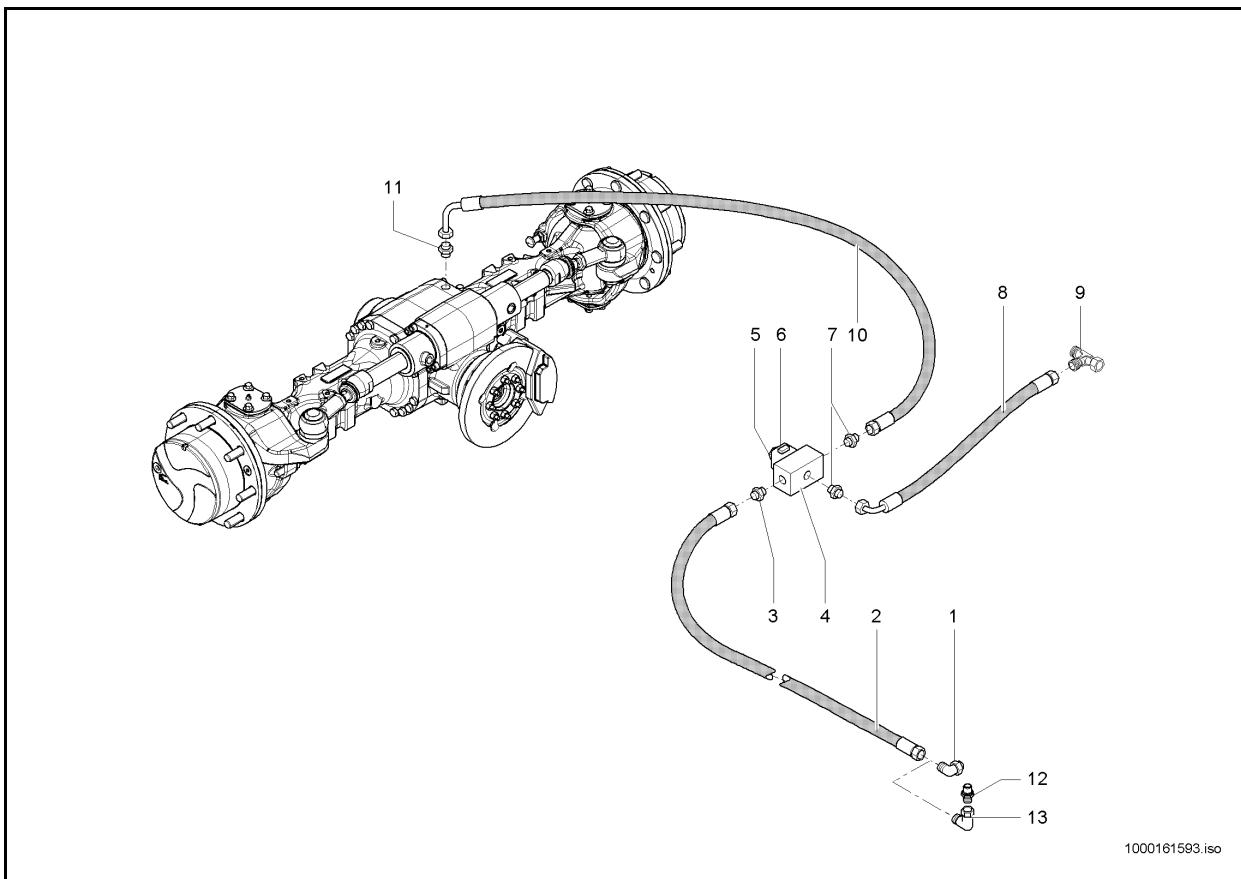
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201855	BEARING	1	19	201883	BEARING	2
2	202096	NUT	1	20	202407	DIFFERENTIAL HOUSING	1
3	202040	BEARING	2	21	201884	WASHER	2
4	202093	SEAL	1	22	204413	GEAR (SN 347040001 AND UP)	2
5	202044	RING (0.2 MM)	1	23	202389	GEAR (SN 347039999 AND BEFORE)	2
6	202045	RING (0.5 MM)	1	24	201886	WASHER	4
7	201912	SHIM	1	25	204426	PINION GEAR (SN 347039999 AND BEFORE)	4
8	202046	SHIM (0.15MM)	1	26	201885	PINION GEAR (SN 347039999 AND BEFORE)	4
9	202047	SHIM (0.2MM)	1	27	204415	PIN (SN 347040001 AND UP)	2
10	202048	SHIM (0.5MM)	1	28	201887	PIN (SN 347039999 AND BEFORE)	2
11	202406	BEVEL GEAR SET	1		201888	PIN	3
12	202095	STUD	8		201889	PIN	1
13	202136	NUT	8		201890	CROSS	1
14	202388	SCREW	12				
15	202054	SHIM (0.15MM)	2				
16	202055	SHIM (0.2MM)	2				
17	202056	SHIM (0.5MM)	2				
18	202057	SHIM (1.0MM)	2				



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	202256	GEAR	1		19	202112	SHIM	1
	2	202255	GEAR	1		20	202115	PLUG	2
	3	202098	COVER	1		21	201867	MAGNETIC PLUG	1
	4	202103	BEARING	1		22	202101	COVER	1
	5	202104	GEAR CASE	1		23	203491	O-RING	1
	6	202296	DRIVE SHAFT	1		24	202116	SHCS	4
	7	202102	BEARING	1		25	202117	SCREW	4
	8	202297	COVER	1		26	202118	SHAFT	1
	9	201893	BREATHER	1		27	201866	NUT	1
	10	202105	LOCKWASHER	4		28	202113	SHIM	1
	11	202107	STUD	4		29	201909	NUT	4
	12	202298	O-RING	1		30	202119	SHIM (0.15MM)	1
	13	201864	FLANGE	1		31	202120	SHIM (0.2MM)	1
	14	202110	SCREW	4		32	202121	SHIM (0.5MM)	1
	15	202106	LOCKWASHER	4		33	202109	BUSHING	1
	16	202100	COVER	1		34	202123	COVER	1
	17	201861	SEAL	1		35	202097	SHCS	5
	18	202111	SHIM	1					

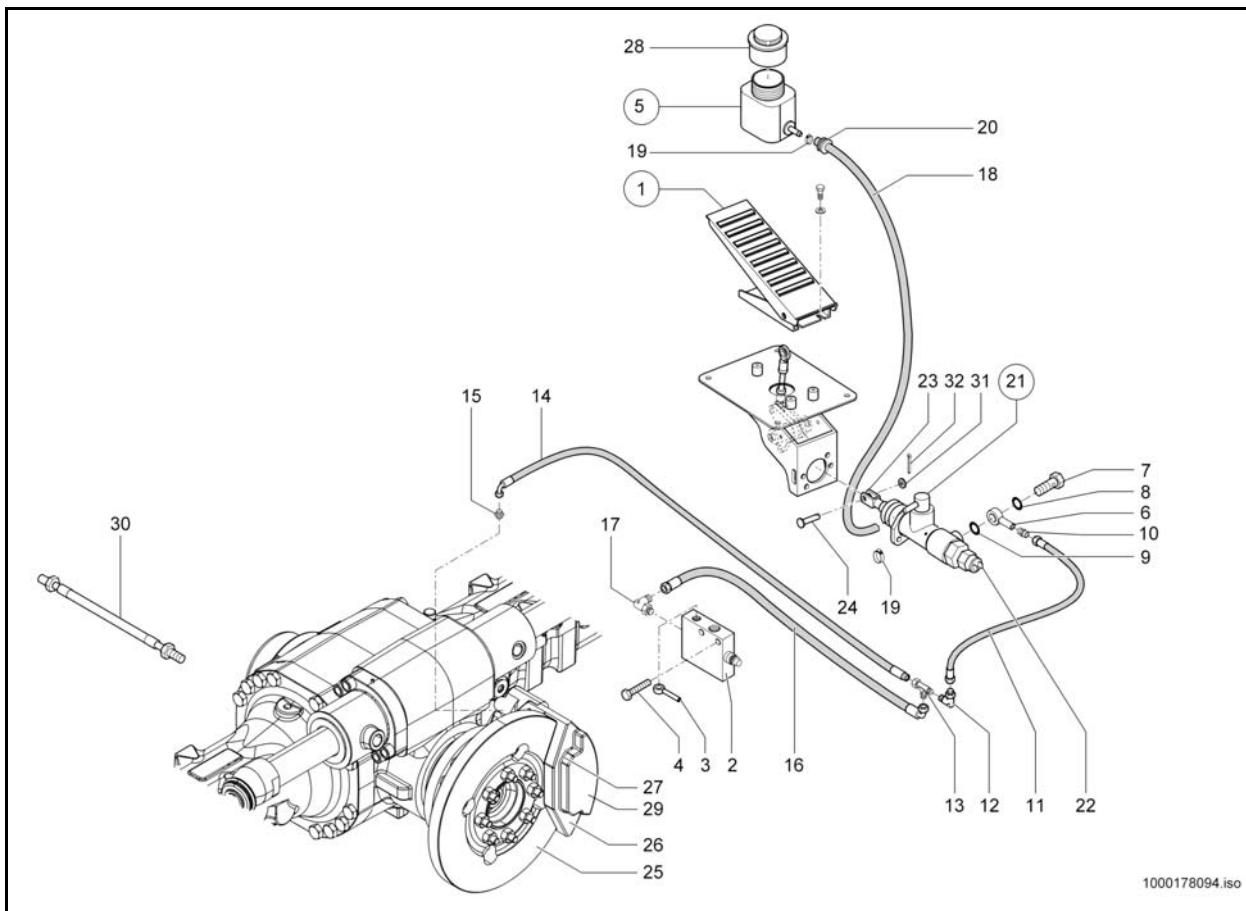
AWS 46 - DIFFERENTIAL STOP

1000161593



1000161593.iso

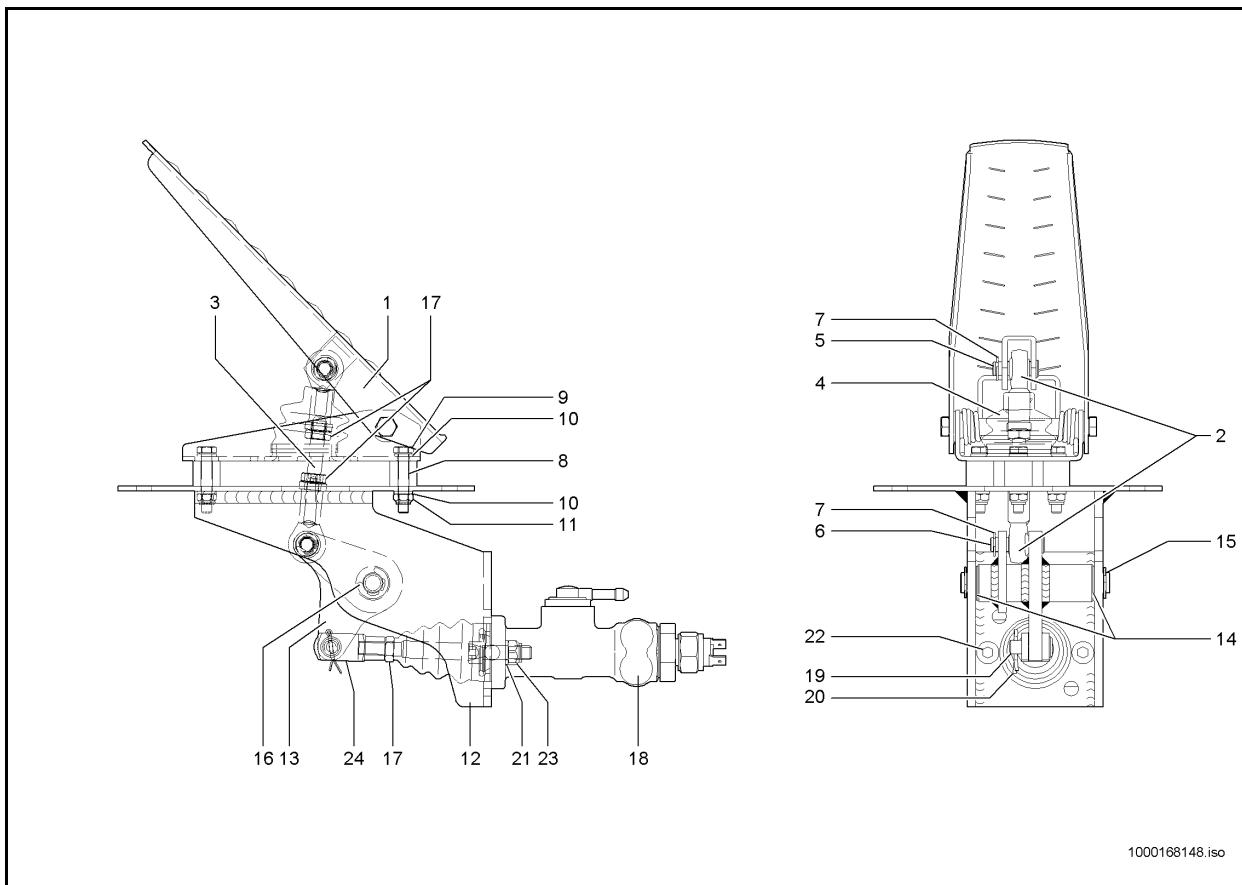
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201874	CONNECTOR	1	8	202313	HP HOSE	1
2	202314	HP HOSE	1	9	162062	ELBOW	1
3	163113	SCREW JOINT	1	10	202260	HP HOSE	1
4	209759	SOLENOID VALVE	1	11	202340	FITTING	1
5	209877	MAGNET SPOOL	1	12	0003639862	SCREW CONN. GE 10 LM M22X1.5 E A3C	1
6	209760	VALVE	1	13	161444	90° FITTING	1
7	161459	SCREW JOINT	2				



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201931	BRAKE PEDAL See page 40 for individual components	1	17	201891	CONNECTOR	1
2	208435	INCHING VALVE	1	18	205468	HOSE (0.98 M)	1
3	202022	BREATHER	1	19	0009937750	CLAMP 10/7	2
4	651433	HB M8-1.25X 40 C8.8 ZY	2	20	0009960242	DUCT RING 15	1
5	208424	RESERVOIR	1	21	201958	BRAKE MASTER CYLINDER	1
6	0002461384	RING FITTING	1	22	208501	PRESSURE SWITCH	1
7	0002460485	BANJO BOLT	1	23	207919	CLEVIS	1
8	7593641016	SEALING RING A 10X16	1	24	207920	PIN	1
9	7593641019	SEALING RING A 12X17	1	25	202060	BRAKE DISK	1
10	161435	SCREW JOINT	1	26	202061	BRAKE CALIPER	1
11	202003	HP HOSE	1	27	202137	BRAKE LINING	1
12	207710	SCREW CONNECTION	1	28	206983	LOCK COVER	1
13	165962	90° FITTING	1	29	202305	BRAKE LINING	1
14	202149	HP HOSE	1	30	202021	BREATHER	1
15	161435	SCREW JOINT	1	31	163634	WASHER	1
16	202149	HP HOSE	1	32	207921	PIN	1

AWS 46 - BRAKE PEDAL

1000168148



1000168148.iso

Ref.

No. Part No.

Description

Qty.

1	202279	BRAKE PEDAL	1
2	207916	BALL JOINT	2
3	202433	THREADED ROD	1
4	207917	BELLOW	1
5	205417	PIN	1
6	205415	PIN	1
7	202432	LOCK RING	2
8	202280	RING	3
9	202281	SCREW	3
10	202282	WASHER	6
11	202283	NUT	3
12	202431	BRACKET	1

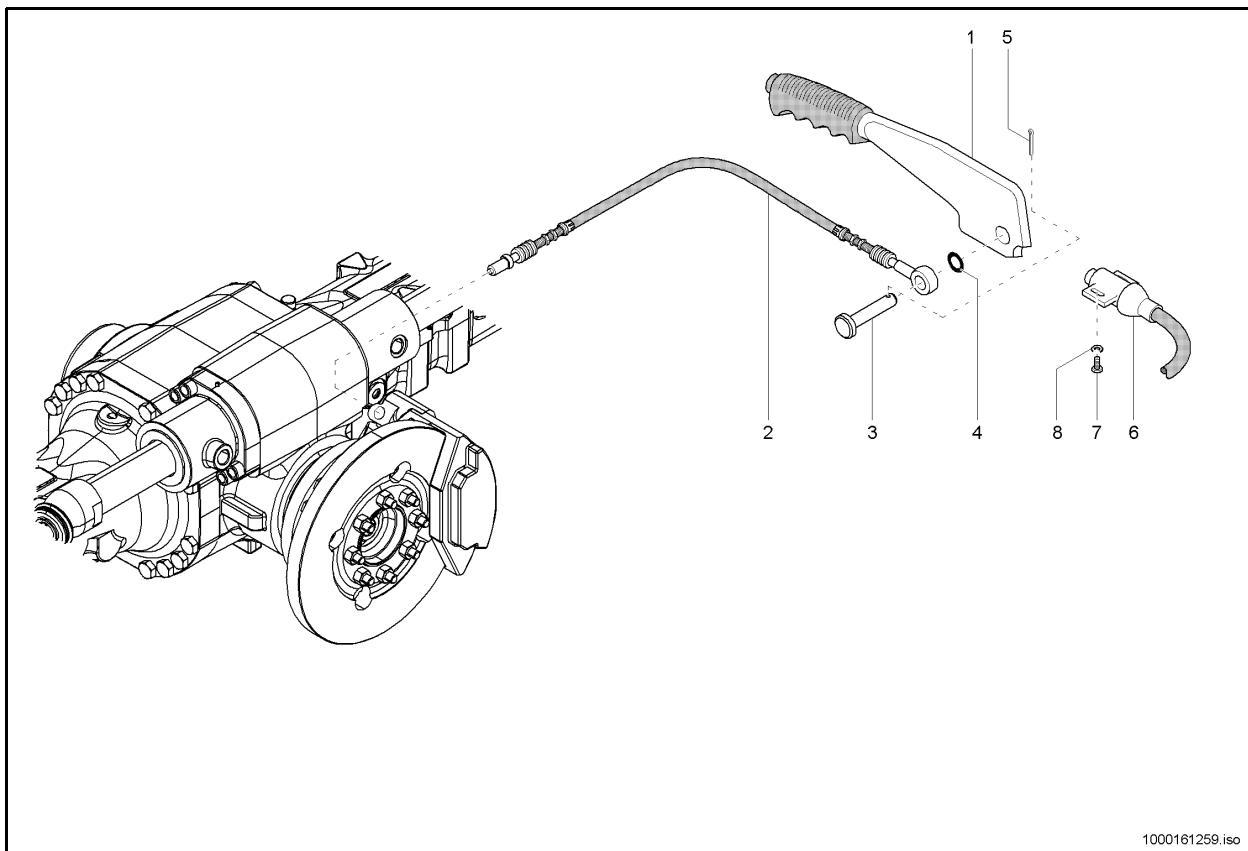
Ref.

No. Part No.

Description

Qty.

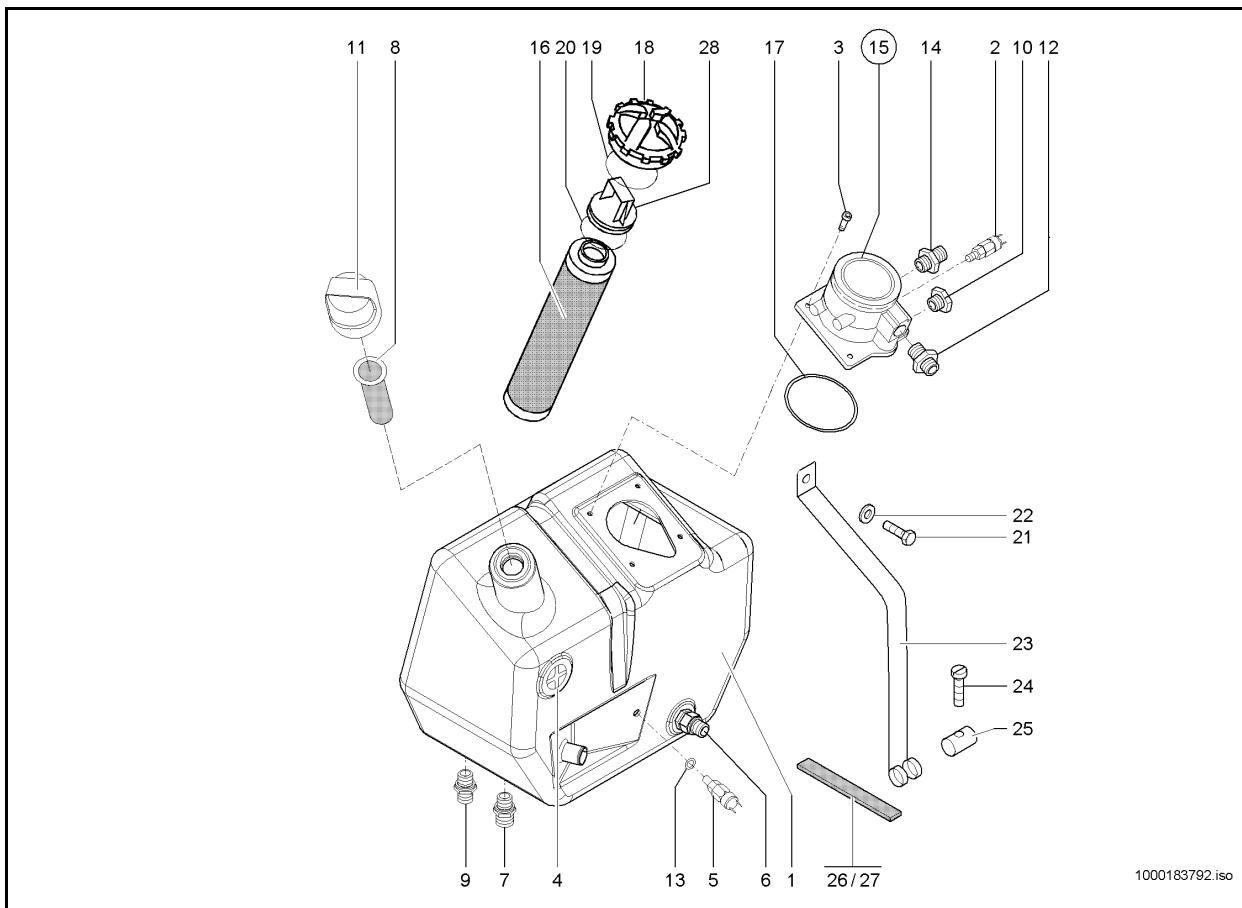
13	202434	LEVER	1
14	202273	BUSHING	2
15	202274	PIN	1
16	202275	LOCK RING	2
17	7404677709	HN M8-04 A2C	3
18	201958	BRAKE/MASTER CYLINDER	1
19	207920	PIN	1
20	207921	PIN	1
21	163634	WASHER	2
22	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	2
23	651458	LN INS M8-1.25 C8 ZY DIN6924	2
24	207919	CLEVIS	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000805579	PARKING BRAKE	1	5	7530680028	COTTER PIN 2X16	1
2	202304	CABLE	1	6	209396	SWITCH	1
3	209508	PIN	1	7	208707	SHCS	2
4	7462680011	WASHER 8.4 ST A2C	1	8	7451680107	WASHER B4.3-140HV A2C	2

AWS 46 - HYDRAULIC OIL TANK

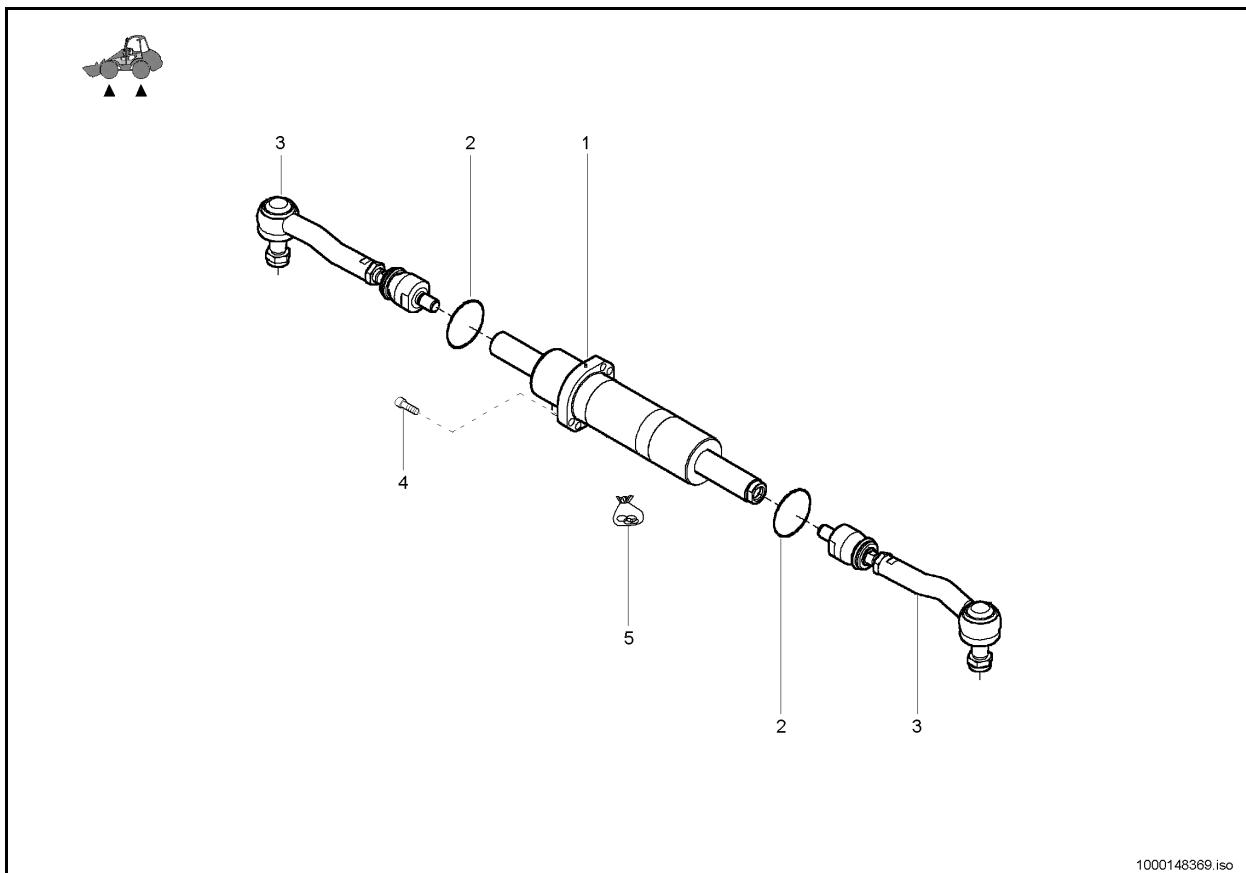
1000183792



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	0163630001	OIL TANK		1	15	0003602088	RETURN INLET FILTER		1
2	163271	PRESSURE SWITCH		1	16	0003636634	FILTER		1
3	651472	SHCS M10-1.25X20 F8.8 ZY DIN912		4	17	0009964571	O-RING 144X3 (INCL. REFS. 16, 18, 19, 20, 28)		1
4	0003630846	OIL LEVEL SIGHT GLASS M 48X1.5		1	18	0003630206	COVER		1
5	0003364703	TEMPERATURE SWITCH M14 X1		1	19	0009969809	O-RING 100X4		1
6	201915	NON-RETURN VALVE		1	20	0009967070	O-RING 98X3		1
7	0003618484	DRAIN COUPLING M18X1.5		1	21	651430	CS M8-1.25X12 C8.8 ZY DIN931		1
8	0003630833	SCREEN		1	22	7462680011	WASHER 8.4 ST A2C		1
9	0003636649	SCREW CONN. GE 12 LM M18X1.5 E A3C		1	23	0009939911	TIGHTENING STRAP		1
10	0009909609	SCREW PLUG 150 NM		1	24	651512	SHCS M6-1X60 C8.8 ZY DIN912		1
11	0003637634	VENTING FILTER		1	25	0009900115	PIN D 12 LG 30 FE/ZN 8 C		1
12	203495	FITTING		1	26	206539	RUBBER BAND (0.90 M)		1
13	163756	SEAL		1	27	206533	BULK/RUBBER BAND (0.50)		1
14	0003635563	SCREW CONNECTION		1	28	0000803698	CONNECTION PIECE		1

AWS 46 - STEERING CYLINDERS (FRONT AND REAR)

1000148369

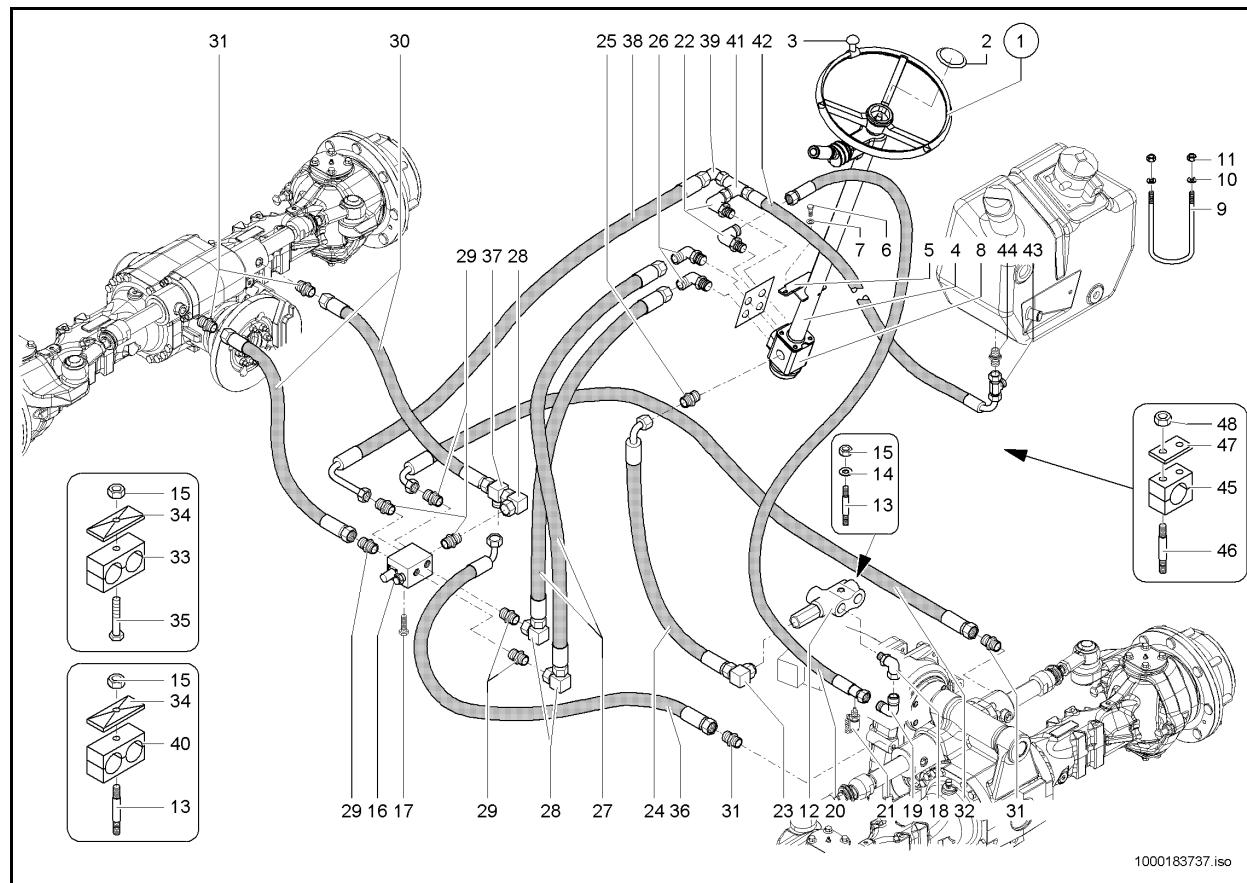


1000148369.iso

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	1	202254	CYLINDER	1		4	202089	SHCS	4
	2	202087	RING	2		5	202241	SEAL KIT	1
	3	202257	TIE ROD	2					

AWS 46 - STEERING UNIT

1000183737



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208539	STEERING WHEEL	1	22	208890	SCREW JOINT	2
2	209001	LID	1	23	209215	SCREW JOINT	1
3	209002	BRODIE KNOB	1	24	202234	HP HOSE	1
4	201935	STEERING CYLINDER	1	25	202233	RESTRICTOR	1
5	201942	BRACKET	1	26	201874	CONNECTOR	2
6	651393	CS M10-1.5X25 C8.8 ZY	6	27	202143	HP HOSE	2
7	7462680014	WASHER B10.5	6	28	161444	90 DEG FITTING	3
8	208636	HYDROSTATIC STEERING	1	29	0003631320	SCREW CONN. GE 10 LM M12X1.5 O.M D	6
9	201939	SCREW	1	30	202144	HP HOSE	2
10	7462680011	WASHER 8.4 ST A2C	2	31	0003636516	SCREW CONN. GE 10 LM M18X1.5 E A3C	4
11	656048	HN M8-1.25 C8 ZY DIN934	2	32	202310	HP HOSE	1
12	209205	PRIORITY VALVE	1	33	209466	CLAMP	5
13	7397677086	STUD BOLT M8X55-8.8 A2C	2	34	0009930585	COVER PLATE GD 2 D	8
14	163634	WASHER	6	35	656004	CS M8-1.25X55 C8.8 ZY DIN931	4
15	651458	LN INS M8-1.25 C8 ZY DIN6924	7	36	202316	HP HOSE	1
16	0003615087	VALVE	1	37	0003635017	SCREW CONNECTION	1
17	177648	HEX SCREW	2	38	202183	HP HOSE	1
18	209216	SCREW JOINT	1	39	161445	90° FITTING	1
19	161445	90° FITTING	1	40	0009936250	CLAMP 2D 15/15 PP	1
20	202142	HP HOSE	1	41	163115	TEE	1
21	0003630063	TEST CONNECTION M8X1 A3C	1				

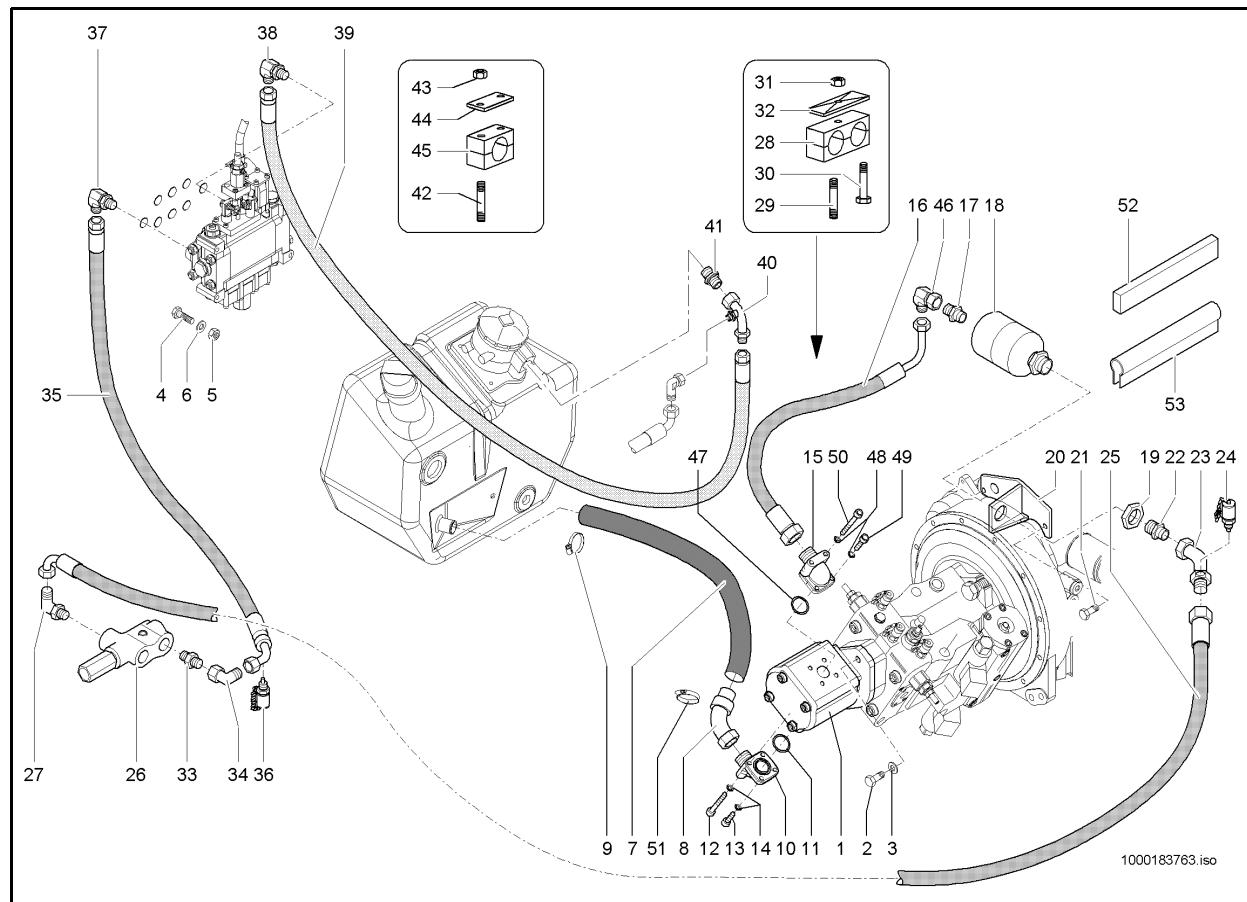
AWS 46 - STEERING UNIT
1000183737

Ref.

No.	Part No.	Description	Qty.
42	202234	HP HOSE	1
43	162062	ELBOW	1
44	0003636649	SCREW CONN. GE 12 LM M18X1.5 E A3C	1
45	0009932151	CLAMP	2
46	208044	PIN SCREW	4
47	0009930785	COVER PLATE	2
48	651457	LN INS M6-1 C8 ZY DIN6924	4

AWS 46 - HYDRAULIC OIL CIRCULATING SYSTEM

1000183763



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202292	HYDRAULIC GEAR PUMP	1	21	651404	CS M12-1.75X20 C8.8 ZY DIN931	2
2	7236677942	HEX SCREW M12X35-8.8 A2C	2	22	161483	SCREW JOINT	1
3	7451680113	WASHER B13-140HV A2C	2	23	201961	CONNECTOR	1
4	179784	SCREW	3	24	0003630063	TEST CONNECTION M8X1 A3C	1
5	651458	LN INS M8-1.25 C8 ZY DIN6924	3	25	202311	HP HOSE	1
6	161662	WASHER/GR A 8.4 ZO	3	26	209205	PRIORITY VALVE	1
7	201960	PRE-SHAPED TUBE	1	27	208389	SCREW CONNECTION	1
8	202139	HOSE FITTING	1	28	208405	CLAMP	3
9	0009937851	CLAMP	1	29	7397677086	STUD BOLT M8X55-8.8 A2C	2
10	0003634949	SCREW CONN. BFW 35 PL LK 55 M.M D	1	30	656004	CS M8-1.25X55 C8.8 ZY DIN931	1
11	0009966006	O-RING 32X2.5	1	31	651458	LN INS M8-1.25 C8 ZY DIN6924	3
12	7252678053	SHCS M8X60-10.9 A2C	2	32	0009930685	COVER PLATE GD 3 D	3
13	162672	SCREW	2	33	161498	SCREW JOINT	1
14	0009925128	SPRING WASHER VSKZ 8	4	34	161447	90° FITTING	1
15	0003639121	SCREW CONN. BFW 20 S LK 55 A3C	1	35	202317	HP HOSE	1
16	202337	HP HOSE	1	36	0003630063	TEST CONNECTION M8X1 A3C	1
17	161483	SCREW JOINT	1	37	208389	SCREW CONNECTION	1
18	207945	PRESSURE ACCUMULATOR	1	38	201852	CONNECTOR	1
19	209291	HEXAGON NUT	1	39	203493	HP HOSE	1
20	203492	BRACKET	1	40	203494	FITTING	1
				41	203495	FITTING	1

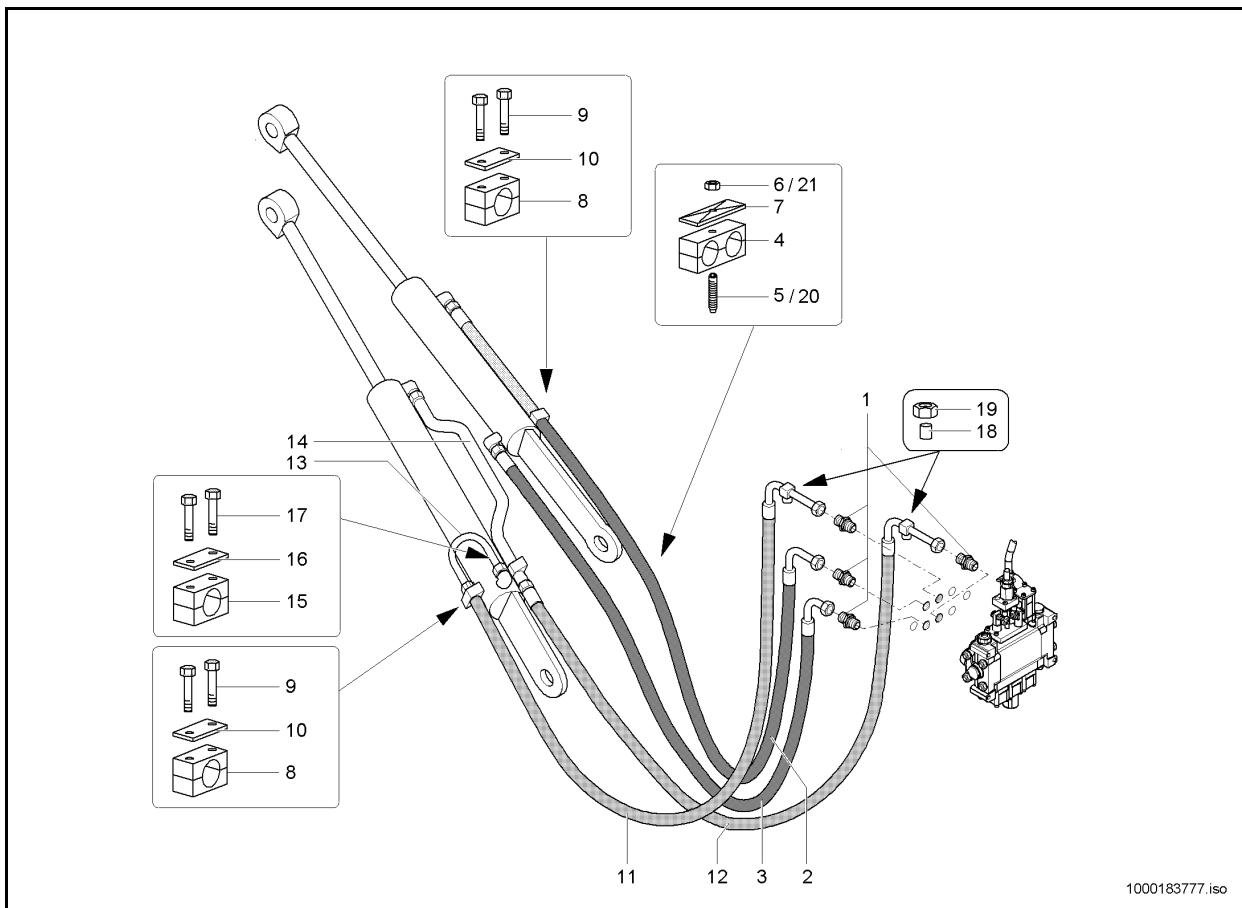
AWS 46 - HYDRAULIC OIL CIRCULATING SYSTEM
1000183763

Ref.

No.	Part No.	Description	Qty.
42	208417	PIN SCREW	6
43	651457	LN INS M6-1 C8 ZY DIN6924	6
44	208483	COVER PLATE	2
45	0009938850	CLAMP	3
46	163356	90° FITTING	1
47	0009966006	O-RING 32X2.5	1
48	0009925128	SPRING WASHER VSKZ 8	4
49	162672	SCREW	2
50	7252678053	SHCS M8X60-10.9 A2C	2
51	208554	CLAMP	1
52	204526	PROFILE (0.93 M)	1
53	206583	PROFILE 10.5X17 (0.46 M)	1

AWS 46 - LIFT ARM HYDRAULIC CIRCUIT

1000183777



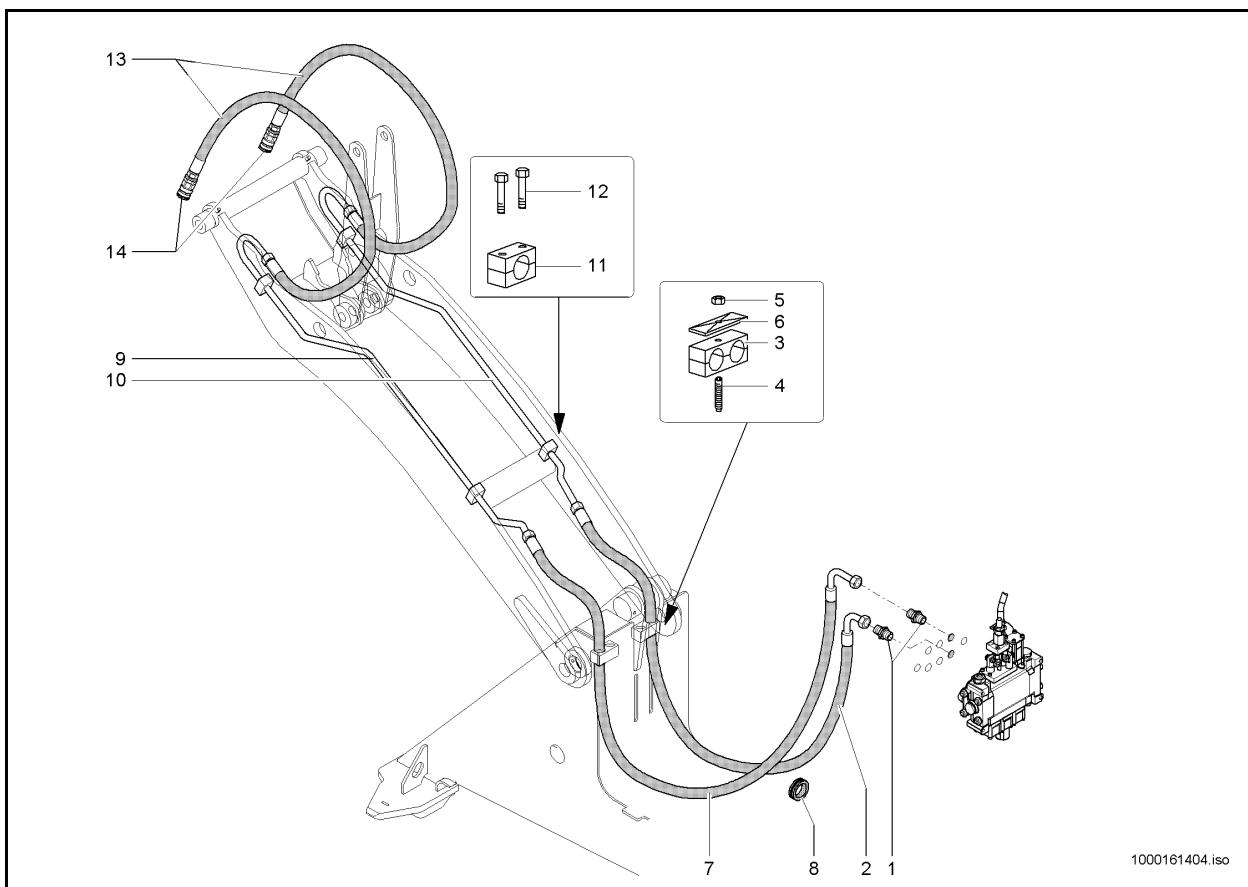
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Ref.

No.	Part No.	Description	Qty.
1	161431	SCREW JOINT	4
2	202324	HP HOSE	1
3	202323	HP HOSE	1
4	0009933150	CLAMP 3D 20/20 PP	2
5	7397677086	STUD BOLT M8X55-8.8 A2C	2
6	651458	LN INS M8-1.25 C8 ZY DIN6924	2
7	0009930685	COVER PLATE GD 3 D	2
8	0009938350	CLAMP 3D 20 PA	3
9	162028	SCREW	6
10	000993185	COVER PLATE	4
11	202321	HP HOSE	1

Ref.

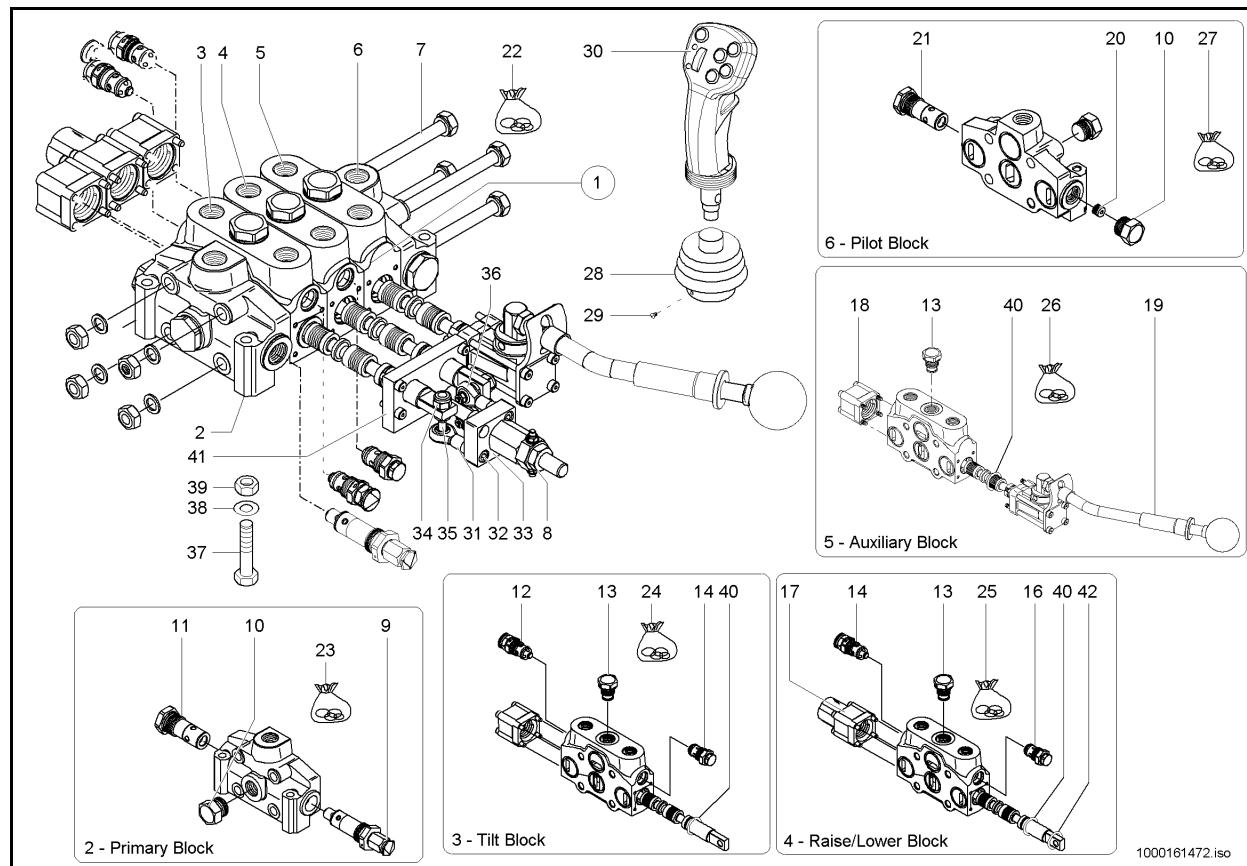
No.	Part No.	Description	Qty.
12	202322	HP HOSE	1
13	207784	HYDRAULIC PIPE	1
14	202223	PIPE	1
15	0009939750	CLAMP 3D 25 PA	2
16	0009933185	COVER PLATE	1
17	162028	SCREW	2
18	0003630896	PLUG BUZ 15 L	2
19	7788010664	UNION NUT AL 15 VERZ.	2
20	208418	PIN SCREW	4
21	651457	LN INS M6-1 C8 ZY DIN6924	4



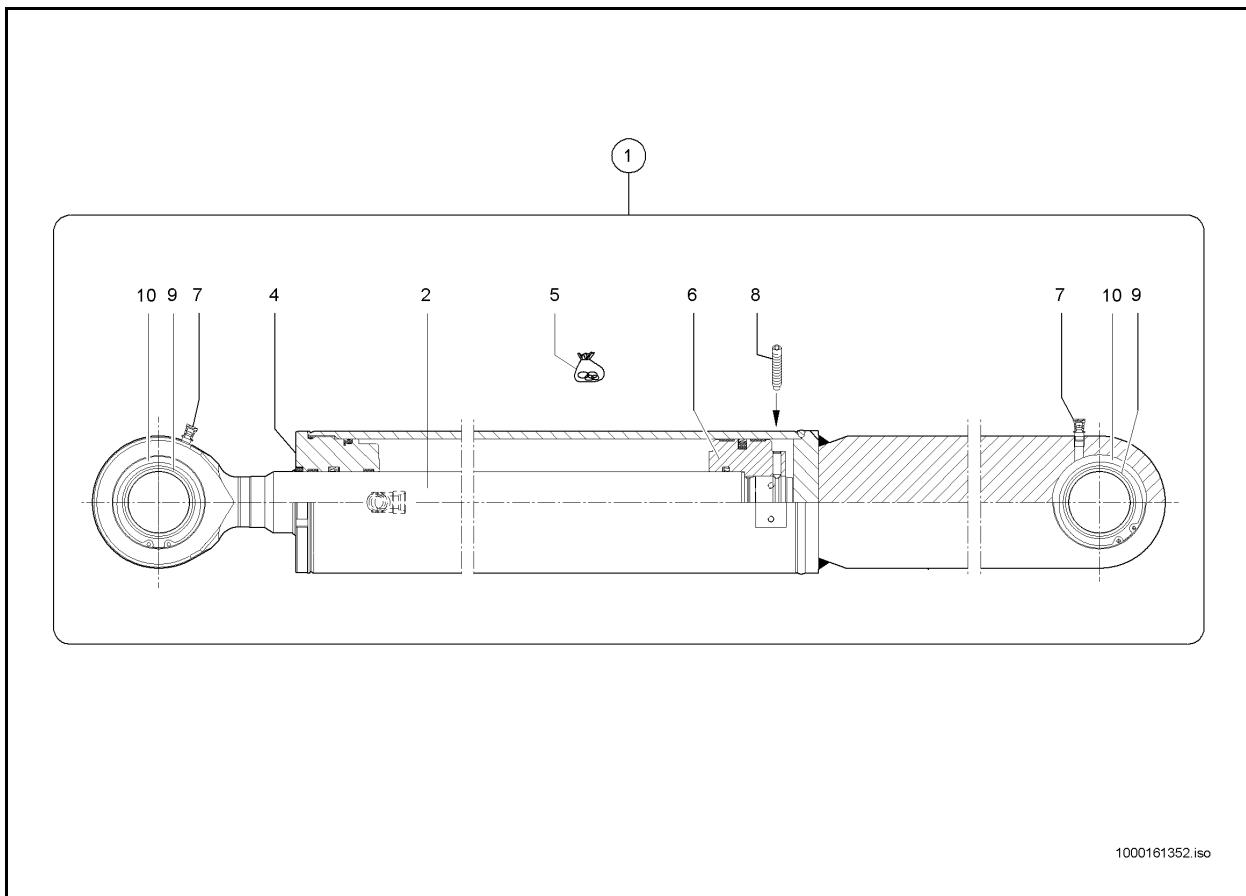
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161431	SCREW JOINT	2	9	207682	HYDRAULIC PIPE	1
2	202326	HP HOSE	1	10	207683	HYDRAULIC PIPE	1
3	0009933150	CLAMP 3D 20/20 PP	2	11	0009936750	CLAMP 2D 15 PA	4
4	7397677086	STUD BOLT M8X55-8.8 A2C	2	12	7252677036	SHCS M6X35-8.8 A2C	8
5	651458	LN INS M8-1.25 C8 ZY DIN6924	2	13	207800	HP HOSE	2
6	0009930685	COVER PLATE GD 3 D	2	14	0003633166	COUPLING SOCKET BG 2 15 L FLACH	2
7	202325	HP HOSE	1				
8	201845	SEAL	3				

AWS 46 - HYDRAULIC SYSTEM CONTROL VALVE

1000161472



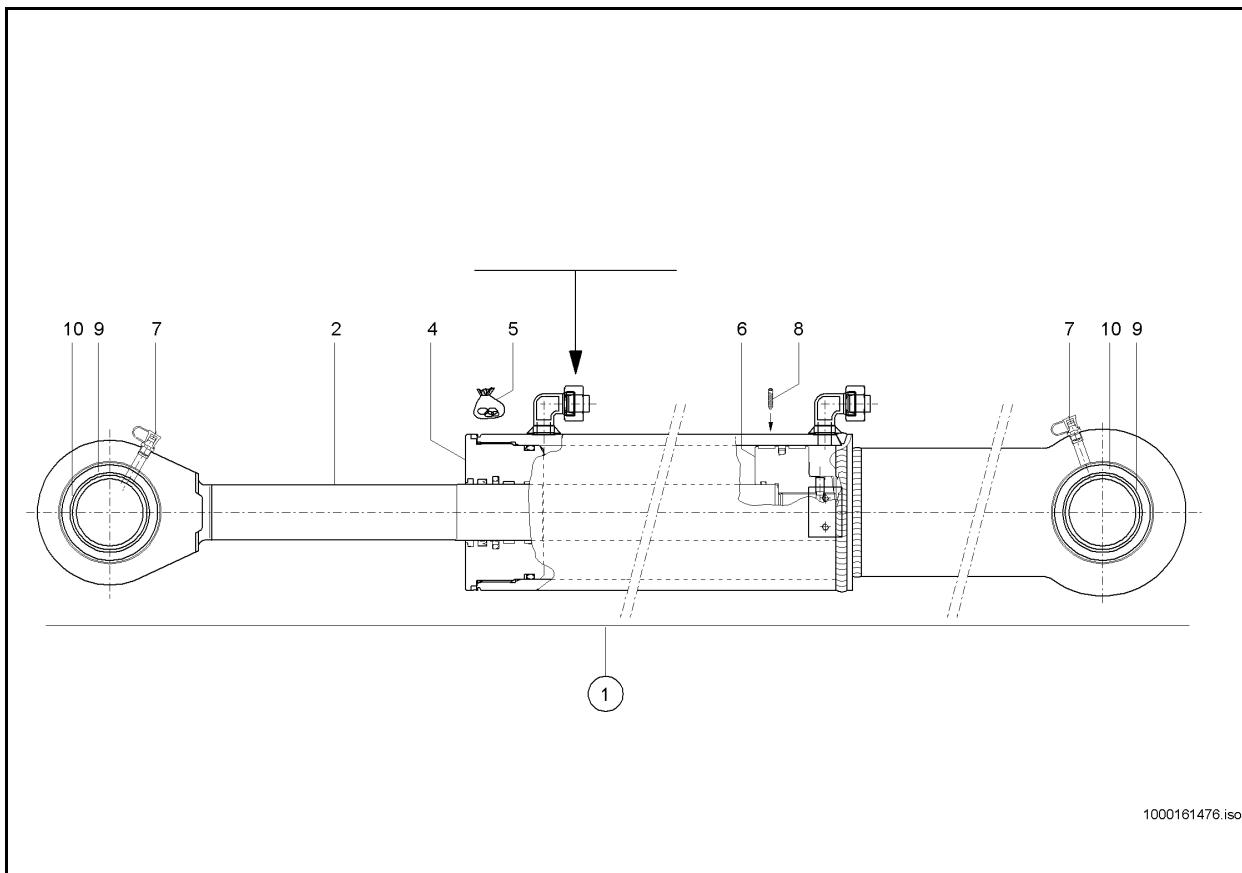
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203544	CONTROL VALVE	1	24	202175	SEAL KIT	1
2	203497	VALVE BLOCK	1	25	202176	SEAL KIT	1
3	203498	VALVE BLOCK/AUXILIARY CIRCUIT	1	26	202177	SEAL KIT	1
4	203545	VALVE BLOCK/LIFT CIRCUIT	1	27	202178	SEAL KIT	1
5	202156	VALVE BLOCK/TILT CIRCUIT	1	28	0009960853	BELLOWS	1
6	202157	VALVE BLOCK/PILOT CIRCUIT	1	29	207615	OVALHEAD SCREW	3
7	202158	BOLT	4	30	204460	JOYSTICK (SN 347040129 AND UP)	1
8	202159	CROSS	1	203502	JOYSTICK (SN 347040128 AND BEFORE)	1	
9	204420	VALVE	1	31	202357	CONNECTOR	3
10	202161	PLUG	2	32	202361	SHCS	4
11	202162	VALVE	1	33	202359	PLATE	1
12	202163	VALVE 1740 PSI (120 BAR)	1	34	651458	LN INS M8-1.25 C8 ZY DIN6924	1
13	202164	VALVE	3	35	202358	PIN	1
14	204419	VALVE	2	36	202362	PIN	2
16	202167	VALVE	1	37	179784	SCREW	3
17	202181	HOUSING	1	38	161662	WASHER/GR A 8.4 ZO	3
18	202169	HOUSING	1	39	651458	LN INS M8-1.25 C8 ZY DIN6924	3
19	202170	LEVER	1	40	202849	O-RING	3
20	202171	PLUG	1	41	203546	PLATE	1
21	202172	VALVE	1	42	203542	O-RING	1
22	202173	SEAL KIT/LIFT CIRCUIT	1				
23	202174	SEAL KIT	1				



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	202284	LIFT CYLINDER		1	7	207938	GREASE ZERK		2
2	202380	PISTON ROD		1	8	207944	SCREW		1
4	202381	GUIDE BUSHING		1	9	207986	PIVOTING BEARING		2
5	202382	SEAL KIT		1	10	207987	LOCK RING		4
6	202184	PISTON		1					

AWS 46 - TILT CYLINDER

1000161476



Ref.

No. Part No.

Description

Qty.

1	207713	TILT CYLINDER	1
2	207934	PISTON ROD	1
4	207935	GUIDE BUSHING	1
5	207936	SEALING KIT	1
6	207937	PISTON	1

Ref.

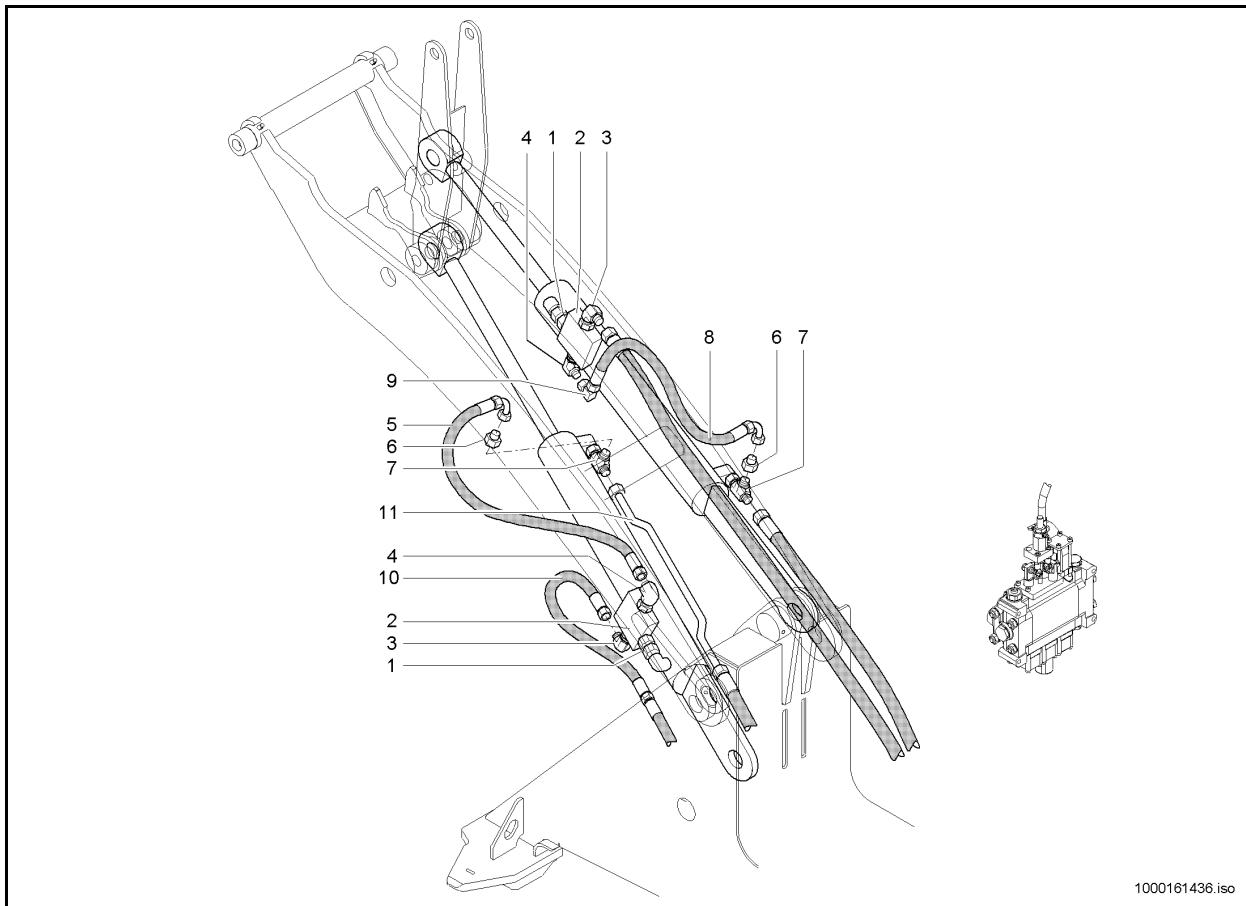
No. Part No.

Description

Qty.

7	207938	GREASE ZERK	2
8	207939	SCREW	1
9	207986	PIVOTING BEARING	2
10	207987	LOCK RING	2

AWS 46 - HOSE BURST VALVE HYDRAULIC CIRCUIT
1000161436



Ref.

No. Part No.

Description

Qty.

1	162495	SCREW JOINT	2
2	202726	VALVE	2
3	209210	SCREW JOINT	2
4	208392	SCREW JOINT	2
5	202227	HP HOSE	1
6	161493	REDUCTION JOINT	2
7	161471	TEE	2

Ref.

No. Part No.

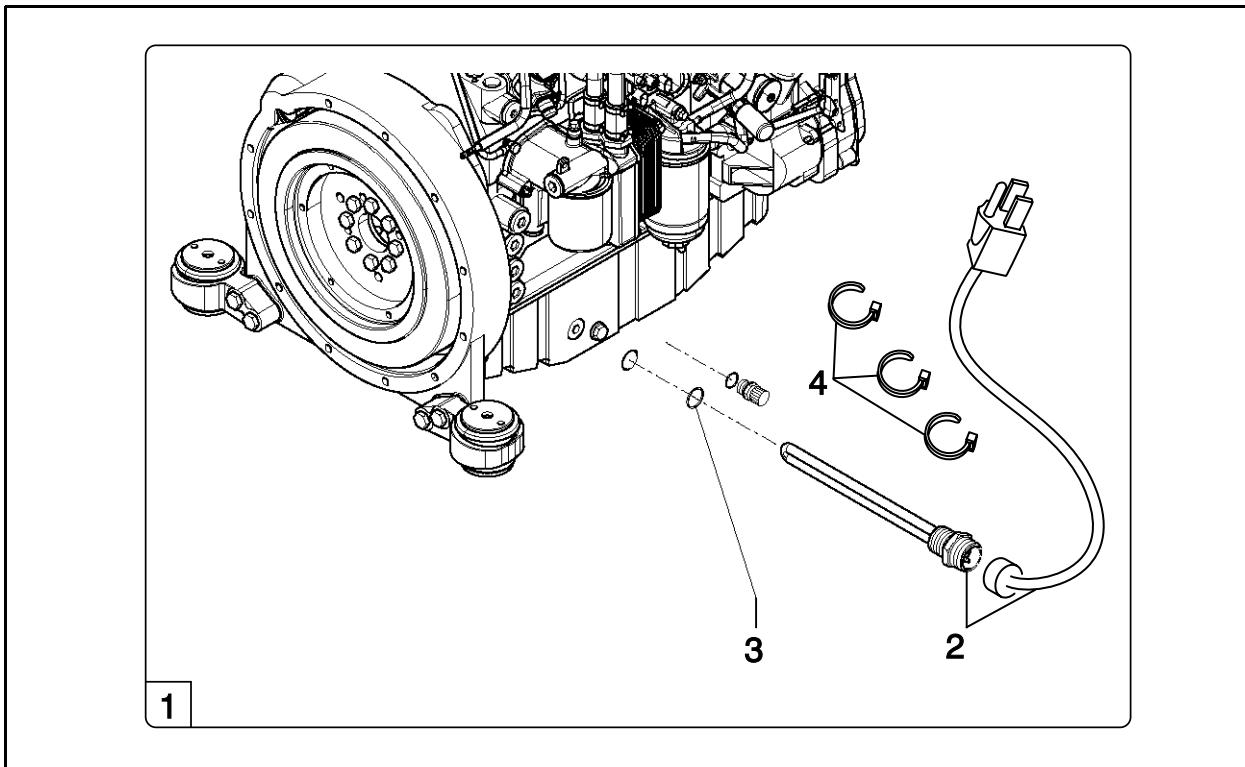
Description

Qty.

8	0003654914	FLEXIBLE LINE 720	1
9	161443	90° FITTING	1
10	202228	HP HOSE	1
11	202224	PIPE	1
12	161446	90° FITTING	1
13	207784	HYDRAULIC PIPE	1

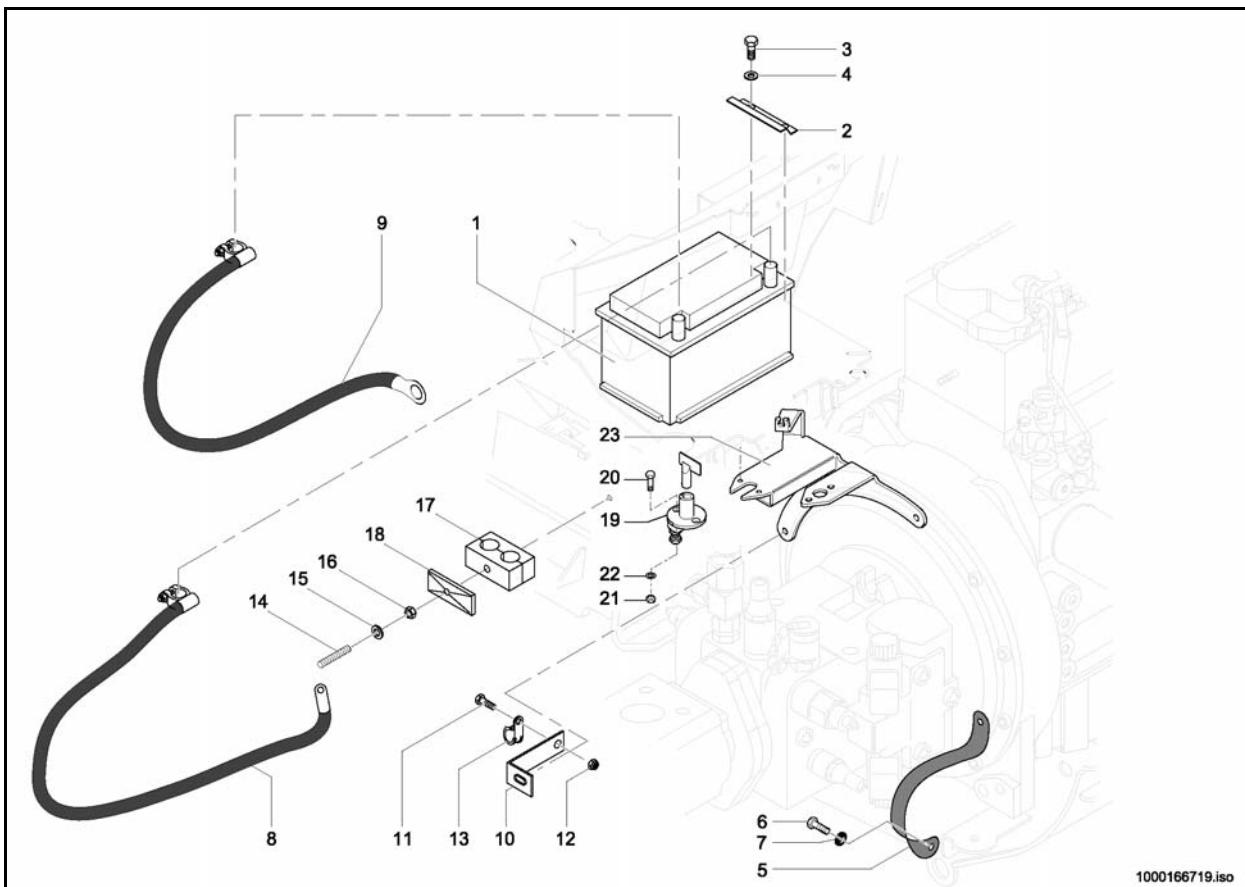
AWS 46 - OIL PRE-HEATING SYSTEM (OPTION)

809451



Ref.

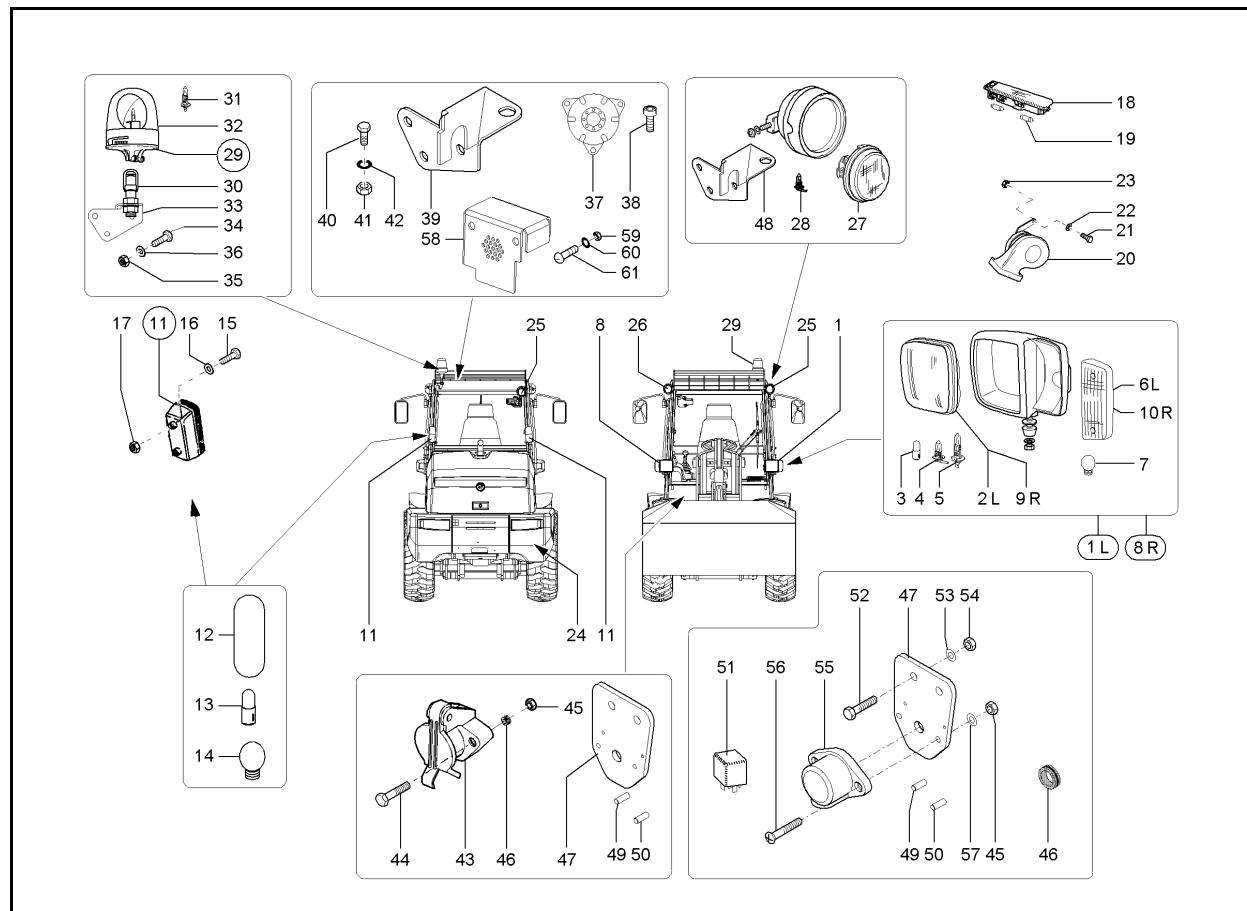
No.	Part No.	Description	Qty.
1	809451	KIT/ENGINE OIL PRE-HEATER (INCL. REFS. 2, 3 & 4)	1
2	136914	HEATER/CORD	1
3	7593641034	SEALING RING A 22 X 27	1
4	055648	WIRE TIE	3



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	*	BATTERY	1	14	656130	CS M8-1.25X50 C8.8 ZY DIN931	1	
2	1383350040	BRACKET	1	14	209287	SCREW	1	
3	656105	CS M8-1.25X25 C8.8 ZY DIN931	2	15	163634	WASHER	1	
4	163634	WASHER	2	16	651458	LN INS M8-1.25 C8 ZY DIN6924	1	
5	208660	GROUND STRAP	1	17	0009936250	CLAMP 2D 15/15 PP	1	
6	656006	CS M10-1.5X20 C8.8 ZY DIN931	1	18	0009930585	COVER PLATE GD 2 D	1	
7	7451680112	WASHER B10.5-140HV A2C	1	19	0003339608	BATTERY MASTER SWITCH	1	
8	208661	BATTERY CABLE	1	20	651424	CS M6-1X20 C8.8 ZY DIN931	2	
9	208662	BATTERY CABLE	1	21	651457	LN INS M6-1 C8 ZY DIN6924	2	
10	208509	BRACKET	1	22	7451680109	WASHER B6.4-140HV A2C	2	
11	656105	CS M8-1.25X25 C8.8 ZY DIN931	1	23	202405	BRACKET	1	
12	651458	LN INS M8-1.25 C8 ZY DIN6924	1	* Purchase locally; Group size 48 (91 opt.)/72AH/570CCA.				
13	209231	CLAMP	1					

AWS 46 - VEHICLE LIGHTING

1000181436



Ref.

No.	Part No.	Description	Qty.
1	209386	MAIN HEADLIGHT LT	1
2	209827	LIGHT COVER	1
3	7734000926	LIGHT BULB T4W-12V	1
4	204941	BULB 55W	1
5	209861	BULB 55W H7	1
6	209828	LIGHT COVER	1
7	7734000917	LIGHT BULB P21W-12V	1
8	209387	MAIN HEADLIGHT RT	1
9	209827	LIGHT COVER	1
10	209828	LIGHT COVER	1
11	0000805571	REAR LIGHT	2
12	0000806374	LIGHT COVER	2
13	7734000917	LIGHT BULB P21W-12V	2
14	163008	LIGHT	2
15	209470	SCREW	4
16	7460094023	WASHER 5.3	4
17	651456	LN INS M5-0.8 C8 ZY DIN6924	4
18	209383	DOME LIGHT	1
19	209298	BULB 10W	2
20	0003322105	HORN 12V	1
21	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	1

Ref.

No.	Part No.	Description	Qty.
22	161662	WASHER/GR A 8.4 ZO	1
23	651458	LN INS M8-1.25 C8 ZY DIN6924	1
24	0003321507	REFLECTOR	2
25	209385	WORK LIGHT W/RT HARDWARE	2
26	209384	WORK LIGHT W/LT HARDWARE	1
27	209831	HEADLIGHT INSERT	1
28	204941	BULB 55W	1
29	205469	ROTATING BEACON	1
30	0163320028	BASE	1
31	0003321610	BULB H1	1
32	204723	ROTATING BEACON CAP	1
33	202258	BRACKET	1
34	656094	CS M8-1.25 X 30 C8.8 ZY DIN931	2
35	651458	LN INS M8-1.25 C8 ZY DIN6924	2
36	163634	WASHER	2
37	0003322005	BACKUP ALARM	1
38	7250670962	SHCS M4 X 12-4.6 A2C	3
39	202258	BRACKET	1
40	656094	CS M8-1.25X30 C8.8 ZY DIN931	2
41	651458	LN INS M8-1.25 C8 ZY DIN6924	2
42	163634	WASHER	2

AWS 46 - VEHICLE LIGHTING

1000181436

Ref.

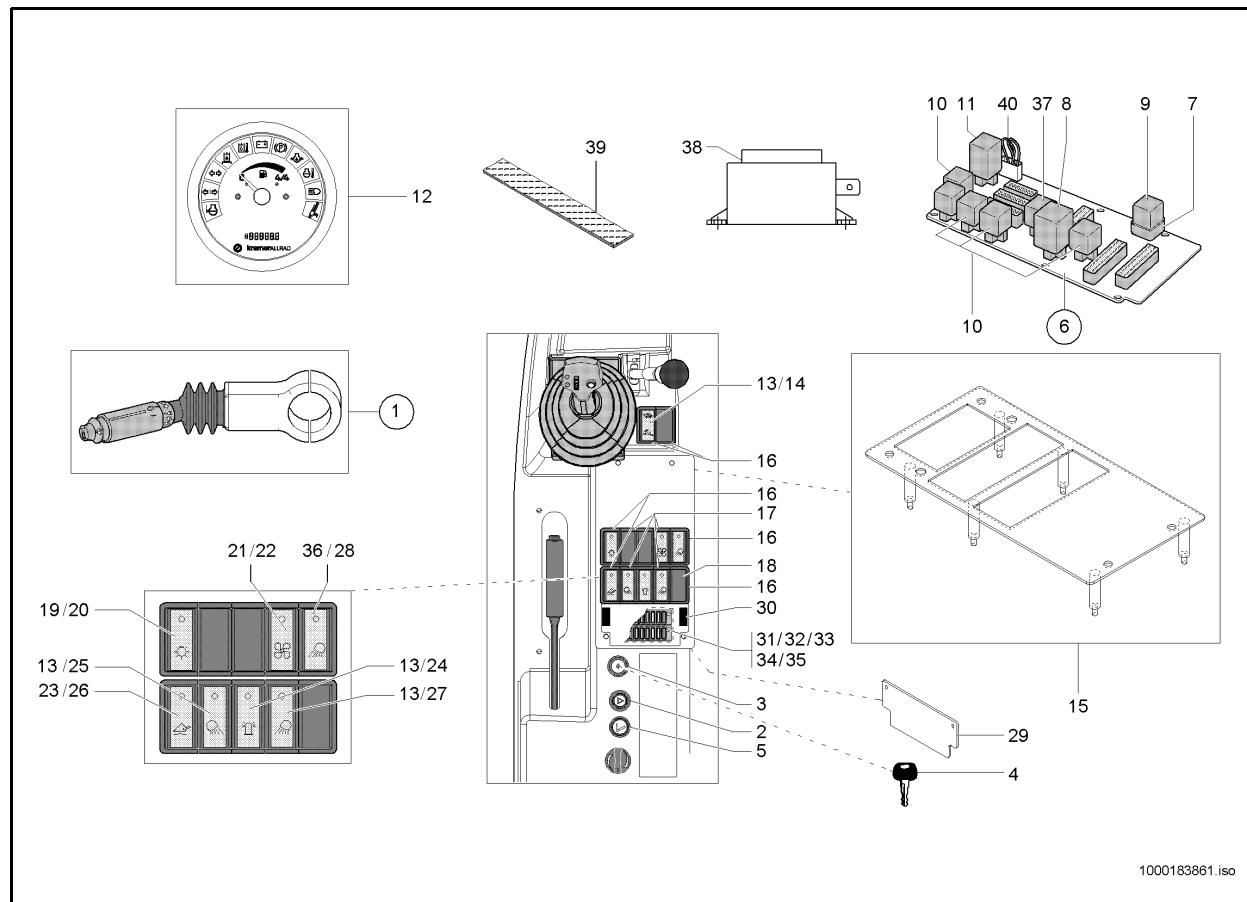
No.	Part No.	Description	Qty.
43	7731000001	SOCKET A 4	2
44	7250671592	SHCS M4X25-4.8 A2C	2
45	7405677002	HN M4-8 A2C	2
46	0009962042	DUCT RING	2
47	201990	BRACKET	1
48	202258	BRACKET	1
49	208430	SLEEVE	3
50	208470	SLEEVE	1
51	0003323317	RELAY 30/40 A	1
52	177648	HEX SCREW	2

Ref.

No.	Part No.	Description	Qty.
53	163634	WASHER	2
54	651458	LN INS M8-1.25 C8 ZY DIN6924	2
55	202238	SOCKET	1
56	201878	SHCS	2
57	7451680107	WASHER B4.3-140HV A2C	2
58	202765	GUARD PLATE	1
59	7405677002	HN M4-8 A2C	2
60	7451680107	WASHER B4.3-140HV A2C	2
61	209452	SINKSCREW	2

AWS 46 - INSTRUMENT PANEL

1000183861

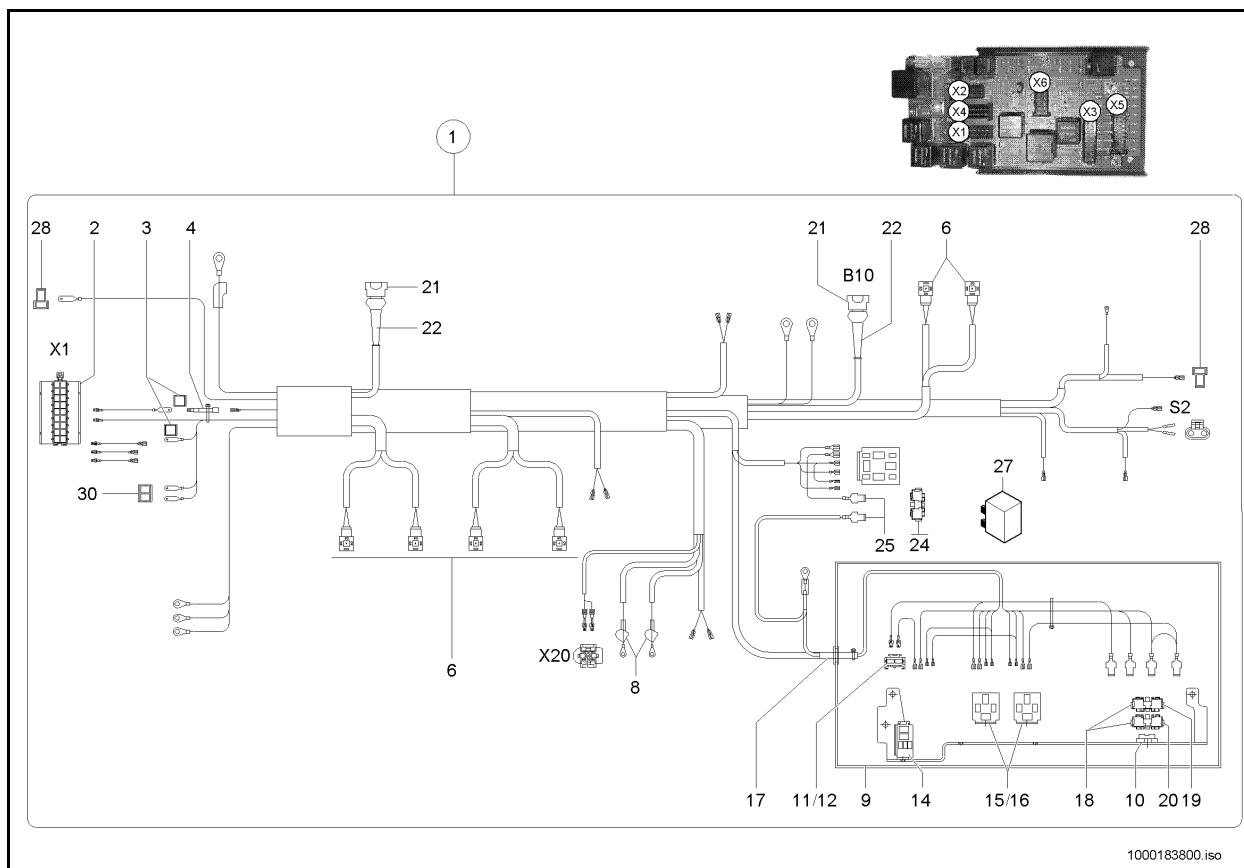


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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208678	TURN SIGNAL SWITCH	1	22	209445	HEATER FAN SYMBOL	1
2	209198	SWITCH HAZARD WARNING DEV.	1	23	204242	SWITCH/LOAD STABILIZER	1
3	0003331306	PREHEATING START SWITCH W/KEYS	1	24	209444	ROTATING BEACON SYMBOL	1
4	101792	KEY	1	25	208453	SYMBOL HEADLIGHT	1
5	164696	CIGARETTE LIGHTER	1	26	209449	LOAD STABILIZER SYMBOL	1
6	209395	PLATE	1	27	209443	ELEC. OPERATED IMPLEMEN. SYMBOL	1
7	651456	LN INS M5-0.8 C8 ZY DIN6924	6	28	208453	SYMBOL HEADLIGHT	1
8	209193	TIME RELAY (K16 FRONT SOCKET)	1	29	209337	COVER	1
9	204662	RELAY - 70 A (K1 HIGH CURRENT)	1	30	209399	LOCK	2
10	0003323317	RELAY 30/40 A (K14 THIRD CIRCUIT)	5	31	7733661603	FLAT FUSE - 5 A	5
11	209194	RELAY (TURN INDICATOR)	1	32	161376	FUSE 7.5 A	7
12	203503	INSTRUMENT PANEL DIAL	1	33	161375	FUSE 15 A	1
13	209389	SPEED CONTROL SWITCH	5	34	164868	FUSE 20 A	1
14	209879	SPEED CONTROL SYMBOL	1	35	164872	FUSE 25 A	2
15	201933	SUPPORT	1	36	209394	SWITCH/REAR WINDOW HEATER	1
16	209196	FRAME	6	37	0003324117	RELAY	1
17	209197	FRAME	6	38	202716	BOOSTER	1
18	0003320872	BLANK	9	39	203537	HOOK STRAP (0.03 M)	1
19	209388	SWITCH/LIGHTS	1	40	202682	CABLE	1
20	209052	COVER LT	1	* Same key to start engine, and lock/unlock engine hood and fuel tank cap.			
21	209393	SWITCH/HEATER FAN	1				

AWS 46 - MAIN WIRING HARNESS

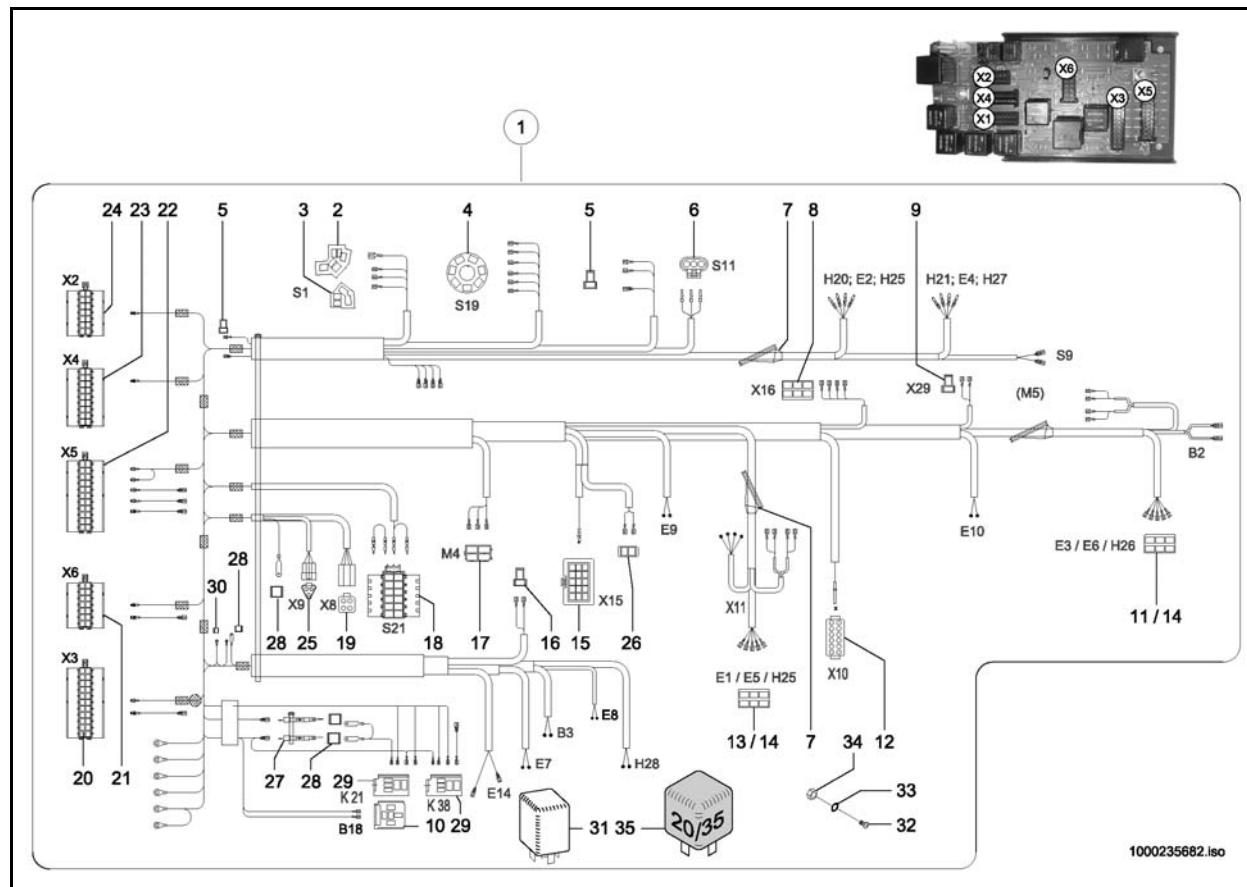
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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204458	WIRE HARNESS (SN 347040129 AND UP)	1	15	0003320628	BASE	2
	203504	WIRE HARNESS (SN 347040128 AND BEFORE)	1	16	204662	RELAY - 70 A (START)	2
2	203505	BUSHING HOUSING	1	17	0009966742	GROMMET	1
3	162000	PLUG	1	18	0003330440	SUPPORT	2
4	208114	BLOCK DIODE	1	19	209199	FUSE - 80 AMP	1
6	0003330466	PLUG	6	20	162838	FUSE 40 A	1
8	0003350297	COVER	2	21	0003334765	PLUG	2
9	208429	HOUSING	1	22	0003350397	PROTECTIVE CAP	2
10	0003330022	CONNECTING STRAP (1-BORE)	1	24	161998	FUSE - 50 A	1
11	202696	FUSE HOLDER	1	25	0003330356	CONNECTOR	2
12	202697	RELAY 10A	1	27	203506	RELAY	1
14	209061	RELAY - 20/35 A (CHOKE)	1	28	0003339111	HOUSING	2
				30	9709040G	PLUG	1

AWS 46 - CAB WIRING HARNESS

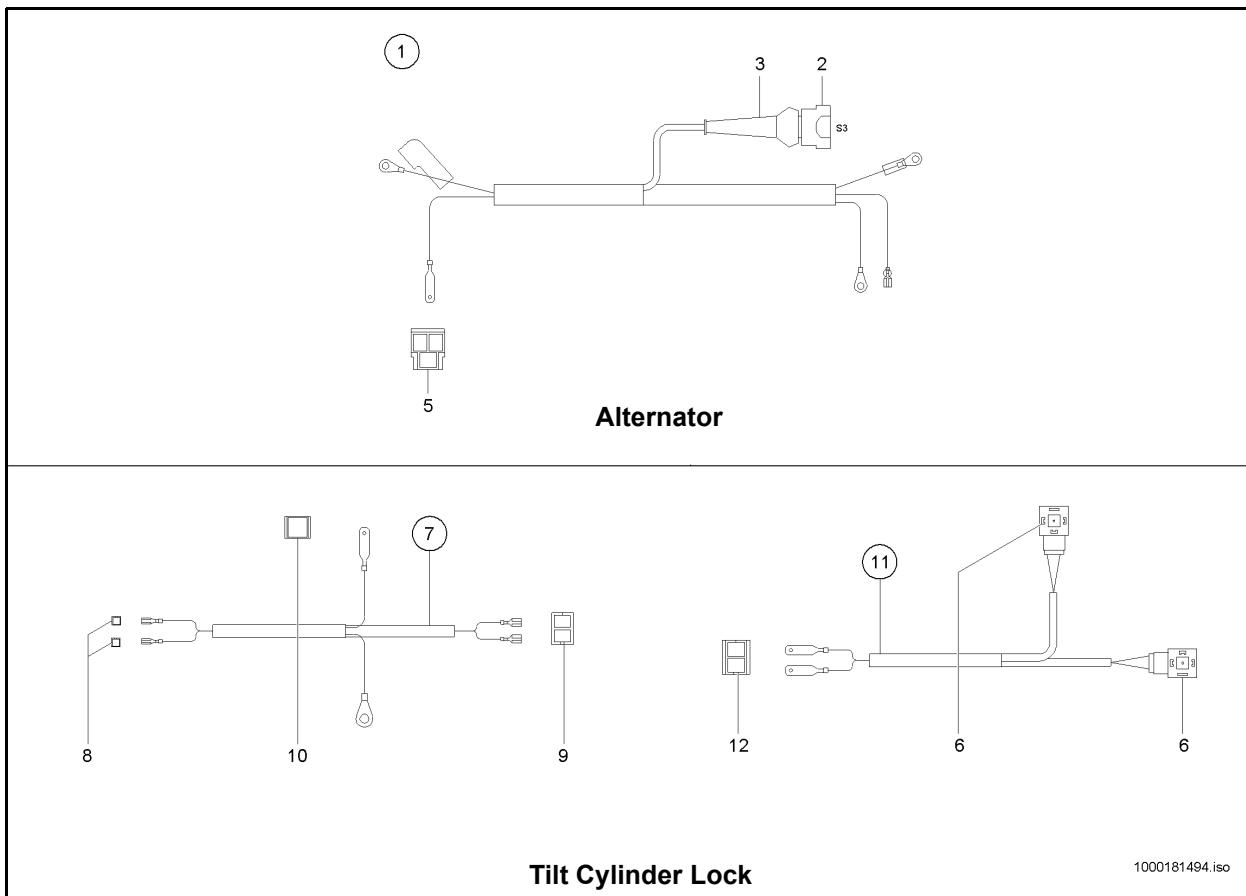
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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204459	WIRE HARNESS/CAB WIRE HARNESS (SN 347040129 AND UP)	1	18	207540	SOCKET HOUSING	1
	203507	WIRE HARNESS/CAB8 WIRE HARNESS (SN 347040128 AND BEFORE)	1	25	0003338865	HOUSING	1
2	0003336211	PLUG	1	26	0003334611	HOUSING	1
3	0003335165	CENTRAL PLUG 9.5MM	1	27	208114	BLOCK DIODE	2
5	201821	CONNECTOR	1	28	162000	PLUG	3
7	204605	DUCT RING	3	31	202874	RELAY (OVER-TEMP)	1
8	164874	PLUG	1	32	7286671070	OVAL-HEAD SCREW M4X12-4.8 H A2C	1
9	201821	CONNECTOR	1	33	7451680107	WASHER B4.3-140HV A2C	1
11	164874	PLUG	1	34	7405677002	HEX NUT M4-8 A2C	1
13	164874	PLUG	1	35	209061	RELAY - 20/35A (AC SWITCHING) (SN 347040129 AND UP)	1
16	201821	CONNECTOR	1				
17	162003	PLUG	1				

AWS 46 - MISC. WIRING HARNESSES

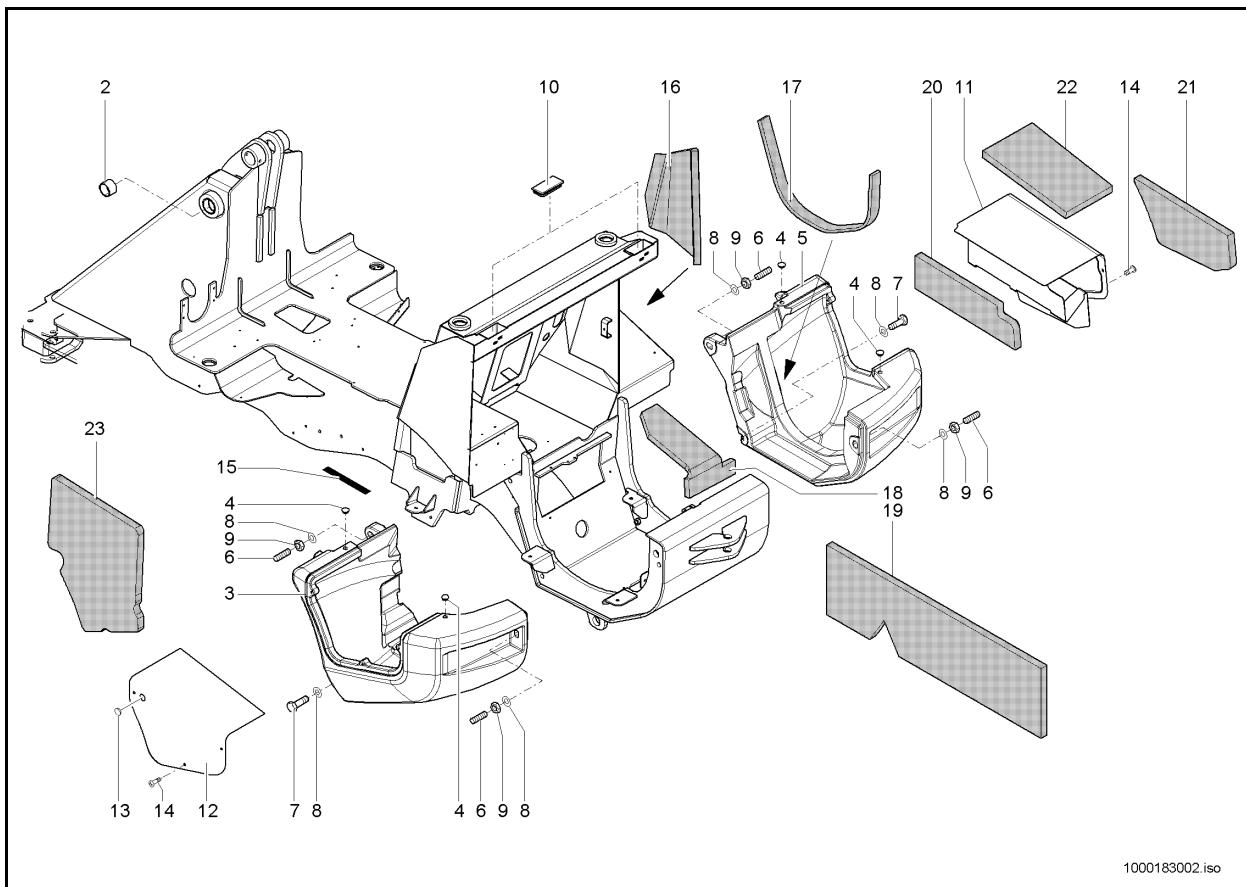
1000181494



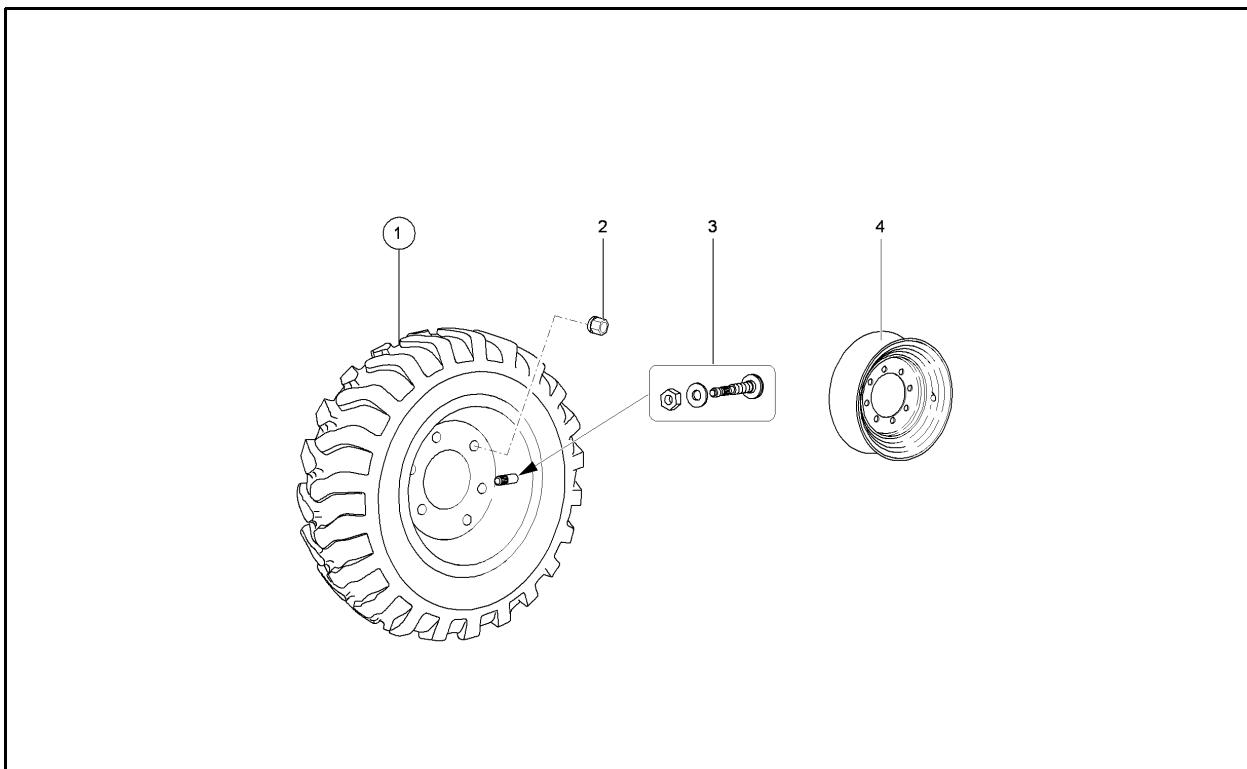
Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 202827	CABLE	1	10 162000	PLUG	1
2 0003334765	PLUG	1	11 202011	WIRING HARNESS	1
3 0003350397	PROTECTIVE CAP	1	12 9709040G	PLUG	1
5 0003339011	PLUG HOUSING	1	13 202728	CABLE	1
6 0003330466	PLUG	2	15 162000	PLUG	4
7 202010	WIRING HARNESS	1	16 202725	CABLE	1
8 0003335465	HOUSING	2	17 202729	CABLE	1
9 9709160G	PLUG	1	18 208114	BLOCK DIODE	2

AWS 46 - FRAME/COUNTERWEIGHT

1000183002



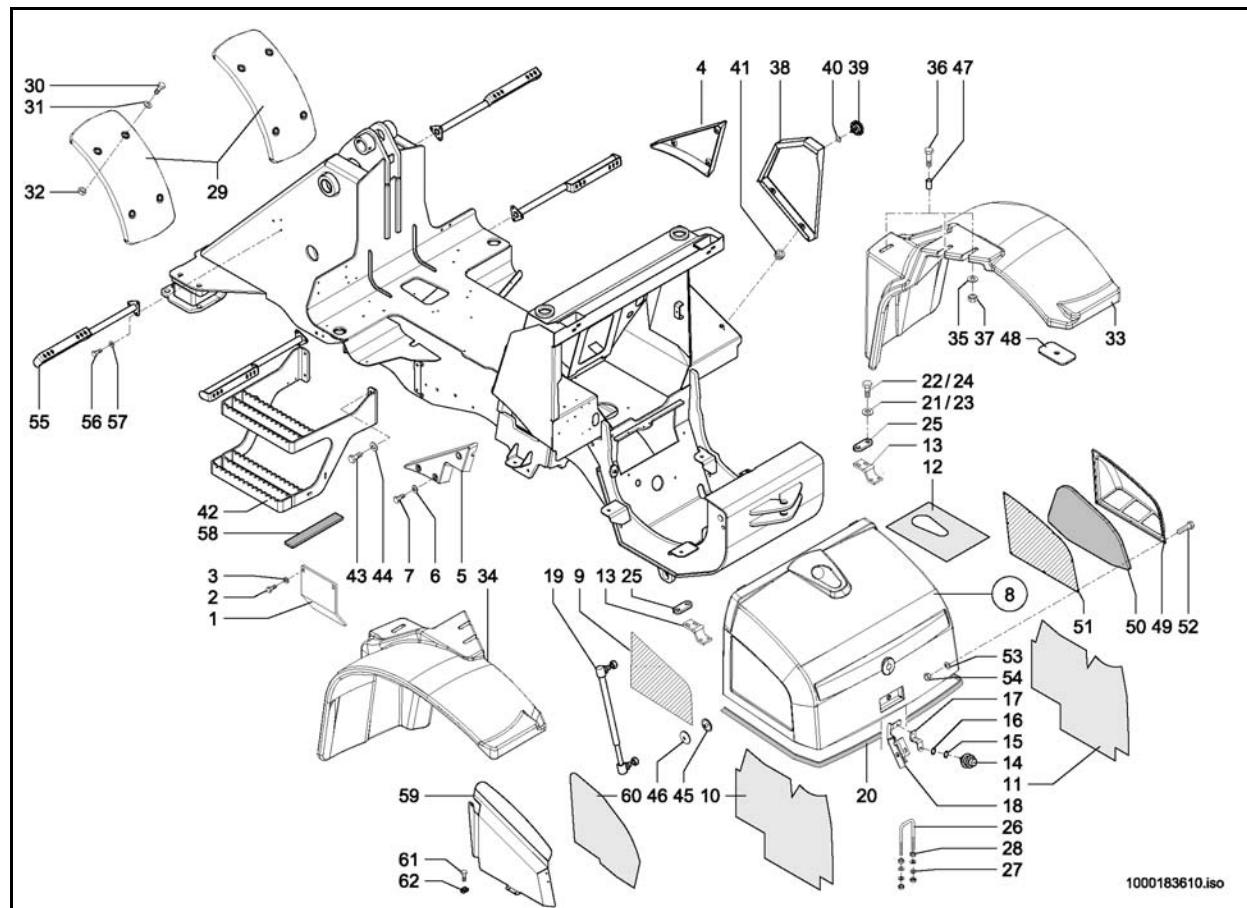
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	207600	BUSHING	2	14	7286671503	PAN-HEAD SCREW M6X16-4.8 H A2R	6
3	202267	BALLAST WEIGHT	1	15	206744	BULK/RUBBER BAND 30X5	2
4	0009909610	PLUG	4	16	203509	ISOLATION MAT	1
5	202268	BALLAST WEIGHT	1	17	202127	ISOLATION MAT	1
6	201923	STUD	4	18	202129	ISOLATION MAT	1
7	7234677230	HEX SCREW M20X110-8.8 A2C	2	19	203510	ISOLATION MAT	1
8	201924	WASHER	6	20	203511	ISOLATION MAT	1
9	651452	HLN INS M20-2.5 ZO	4	21	203512	ISOLATION MAT	1
10	202023	PLUG	2	22	203513	ISOLATION MAT	1
11	203508	COVER RT	1	23	203514	ISOLATION MAT	1
12	202300	COVER LT	1				
13	202019	PLUG	1				



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203522		TIRE/WHEEL ASSY 405/70-R24 146B STD TREAD	4	3	209996		AIR VALVE	4
2	208490		WHEEL NUT	32	4	203523		RIM 13X24	4

AWS 46 - ENGINE HOOD & FRAME TRIM

1000185470



1000183610.iso

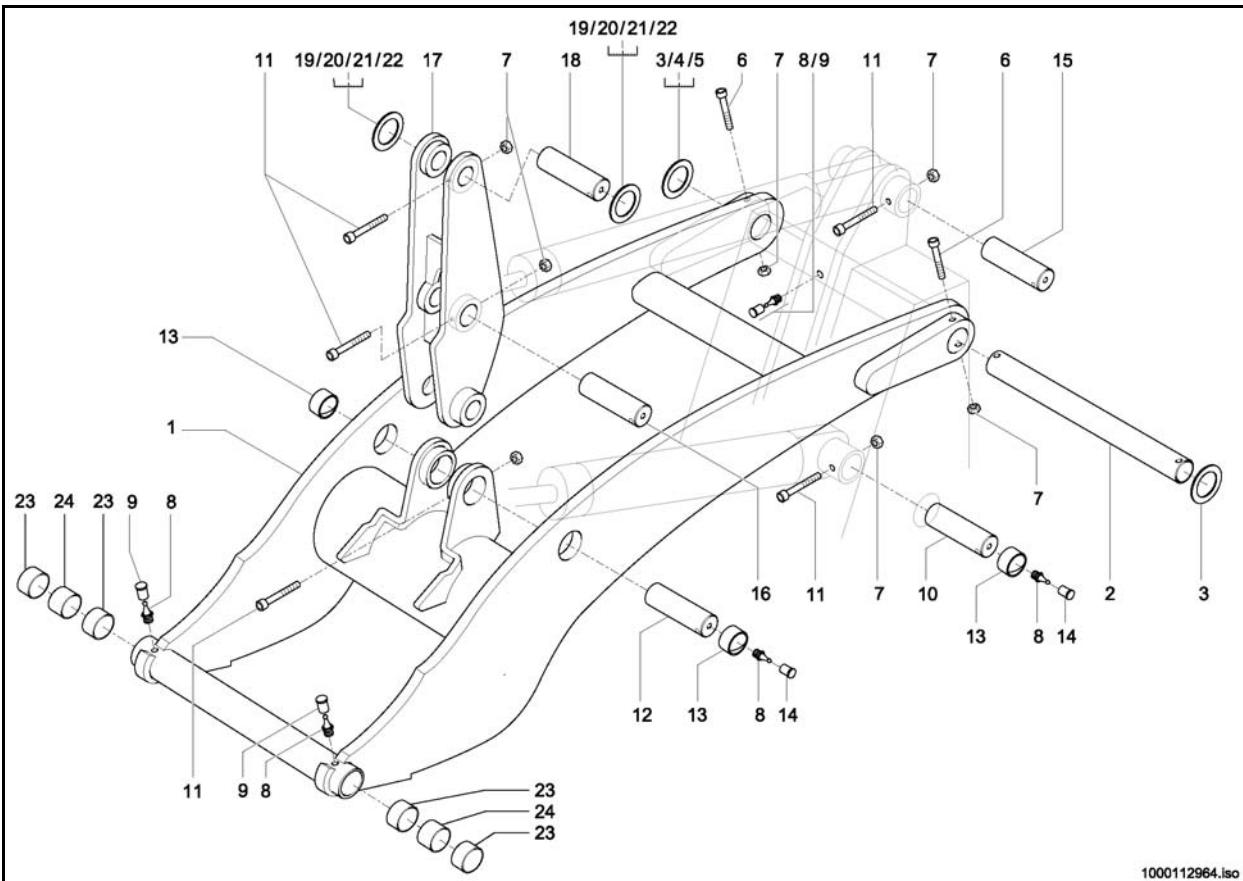
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201928	COVER	1	22	656093	CS M8-1.25X16 C8.8 ZY DIN931	4
2	656093	CS M8-1.25X16 C8.8 ZY DIN931	4	23	161662	WASHER/GR A 8.4 ZO	4
3	7462680011	WASHER 8.4 ST A2C	4	24	656105	CS M8-1.25X25 C8.8 ZY DIN931	4
4	201847	TRIM	1	25	201921	BRACKET	2
5	201846	TRIM	1	26	0163050025	U-BOLT	1
6	7451680109	WASHER B6.4-140HV A2C	6	27	656048	HN M8-1.25 C8 ZY DIN934	4
7	656149	CS M6-1X16 C8.8 ZY DIN931	6	28	163634	WASHER	4
8	203517	ENGINE HOOD	1	29	202413	FENDER	2
9	201934	SCREEN	1	30	651399	CS M10-1.5X40 C8.8 ZY	8
10	203518	ISOLATION MAT	1	31	7462680014	WASHER B10.5	16
11	203519	ISOLATION MAT	1	32	651448	LN INS M10-1.5 C8 ZY DIN6924	8
12	201975	ISOLATION MAT	1	33	202418	FENDER	1
13	201920	HINGE	2	34	202417	FENDER	1
14	208491	LOCK	1	35	163634	WASHER	8
15	208485	SPACER	1	36	656004	CS M8-1.25X55 C8.8 ZY DIN931	6
16	201876	SPACER	1	37	651458	LN INS M8-1.25 C8 ZY DIN6924	4
17	206989	BRACKET	1	38	203520	TRIM	1
18	204993	HOOD LATCH	1	39	203521	HANDLE	1
19	204445	GAS STRUT	1	40	7462680011	WASHER 8.4 ST A2C	1
20	206649	PROFILE (3.79 M)	1	41	0009966142	CABLE SLEEVE	2
21	163634	WASHER	4	42	202235	STEP	1

AWS 46 - ENGINE HOOD & FRAME TRIM
1000185470

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	43	651393	CS M10-1.5X25 C8.8 ZY	4		53	7460094023	WASHER 5.3	8
	44	7451680112	WASHER B10.5-140HV A2C	4		54	651456	LN INS M5-0.8 C8 ZY DIN6924	8
	45	202760	THREADED PIN	11		55	202384	BRACKET	4
	46	202285	CLIP	11		56	656006	CS M10-1.5X20 C8.8 ZY DIN931	12
	47	202237	SPACER	6		57	7462680011	WASHER 8.4 ST A2C	12
	48	202436	WASHER	4		58	206524	RUBBER BAND 30X5 (0.1 M)	1
	49	202771	COVER	1		59	202263	GUIDE PLATE	1
	50	202860	ISOLATION MAT	1		60	203516	ISOLATION MAT	1
	51	202776	SCREEN	1		61	207662	SCREW	4
	52	203515	SCREW	8		62	209220	NUT	4

AWS 46 - LOAD ARM

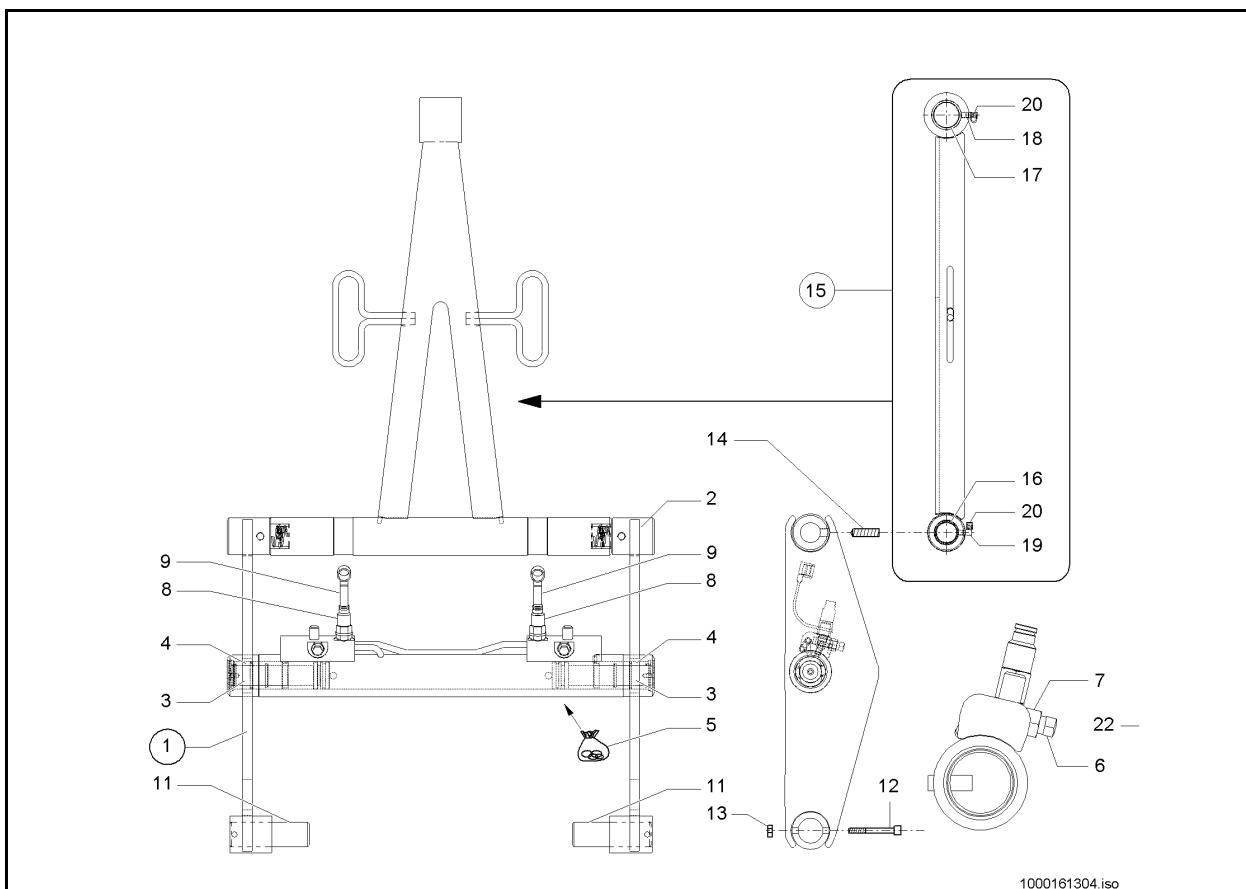
1000112964, 1000185469



Ref.				Ref.			
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	203524	LIFT FRAME	1	13	207715	BUSHING	2
2	207582	PIN	1	14	0009963151	COVER	2
3	207614	SHIM (4 MM)	2	15	204024	PIN	1
4	207801	SHIM (2.0MM)	2	16	207585	PIN	1
5	207802	SHIM (3.0MM)	2	17	207720	TILT LEVER	1
6	177232	SHCS	2	18	207584	PIN	1
7	651448	LN INS M10-1.5 C8 ZY DIN6924	7	19	0009976920	SPACER 50.5X90X1.0 FE/ZN 12 C	2
8	7761675404	GREASE ZERK	5	20	0009977020	SHIM (2.0 MM)	2
9	0009963251	COVER	3	21	0009977120	SHIM (3.0 MM)	2
10	204024	PIN	1	22	0009977220	SHIM (4.0 MM)	2
11	7252677096	SHCS M10X110-8.8 A2C	5	23	207599	BUSHING	4
12	207586	PIN	1	24	202435	PIPE	2

AWS 46 - QUICKHITCH ASSEMBLY

1000161304

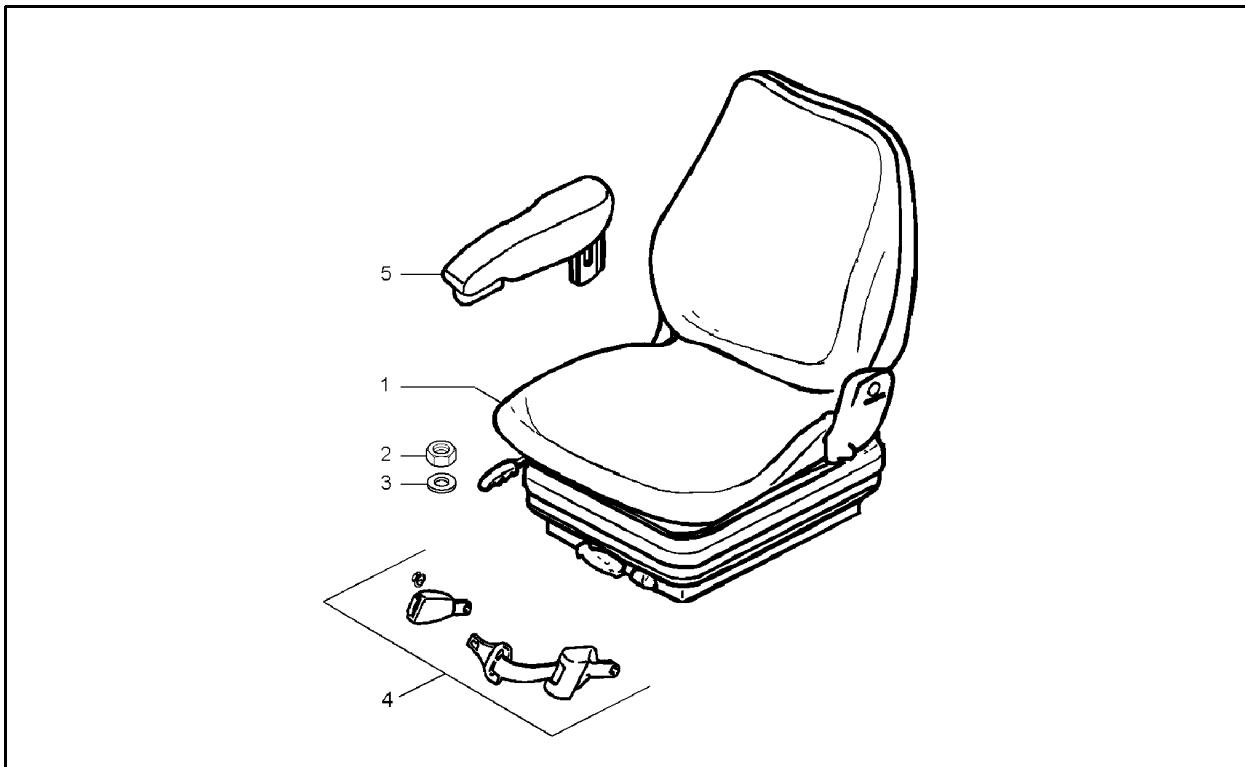


1000161304.iso

Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	207721	QUICKHITCH ASSEMBLY	1	12	177649	SCREW	2
2	208428	PIN	1	13	651448	LN INS M10-1.5 C8 ZY DIN6924	2
3	0394160260	PISTON ROD	2	14	0009955669	THREADED PIN M16X30 M.	2
4	209371	GUIDE TUBE	2	15	207761	TIILT ROD	1
5	209818	SEAL KIT	2	16	207560	BUSHING	2
6	0009954668	LIMIT STOP M16X1.5X45 8.8 A3C	2	17	207599	BUSHING	2
7	7403677727	HEX NUT M16X1.5-8 A2C	2	18	7761675404	GREASE ZERK	1
8	0003631468	COUPLING PLUG BG 2 12 L A3C	2	19	7761675424	GREASE ZERK	2
9	0009961952	DUST CAP BG 2	1	20	0009963251	COVER	3
11	207722	PIN	2				

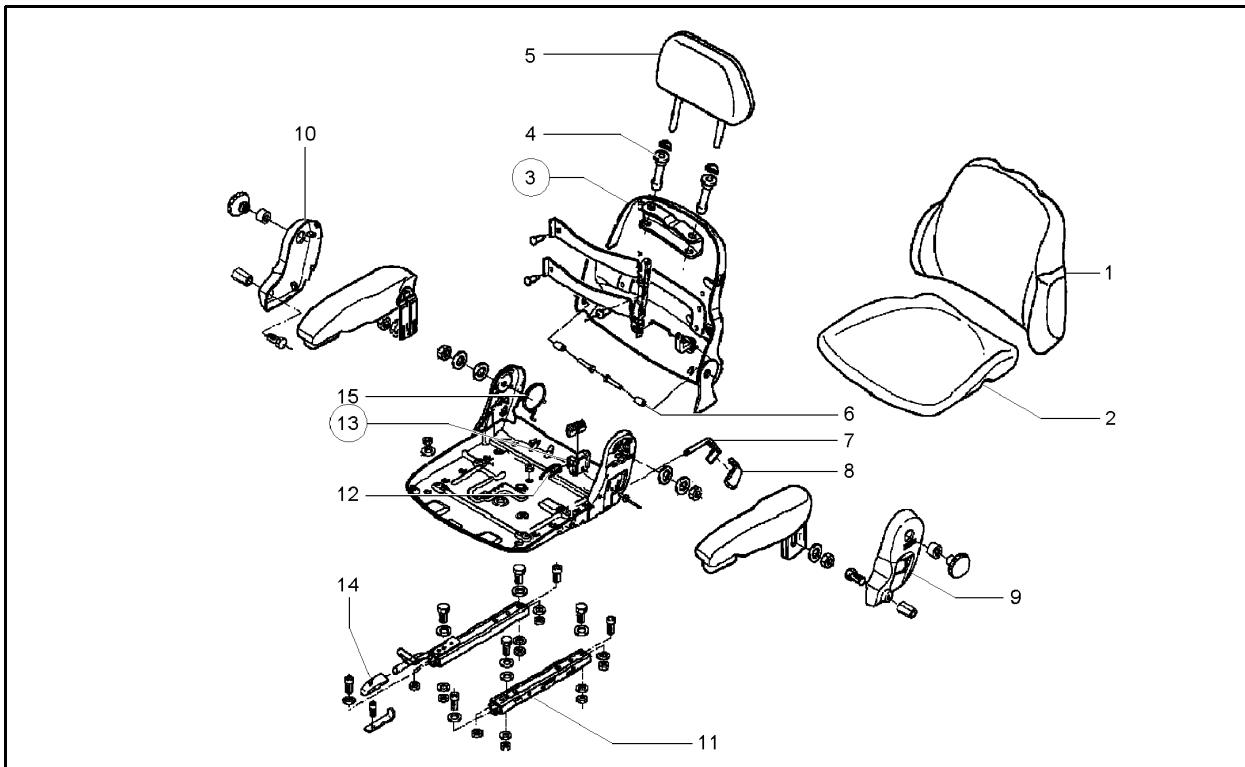
AWS 46 - OPERATOR'S SEAT & SEAT BELT

1000177500, 1000182926



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 207013	OPERATOR'S SEAT/CLOTH	1	5 0000809141	ARMREST	1
2 651458	LN INS M8-1.25 C8 ZY DIN6924	4	6 203047	SERVICE KIT/SEAT BELT 3" RETRACTABLE	1
3 163634	WASHER	4			
4 207674	SEAT BELT/2" RETRACTABLE	1			

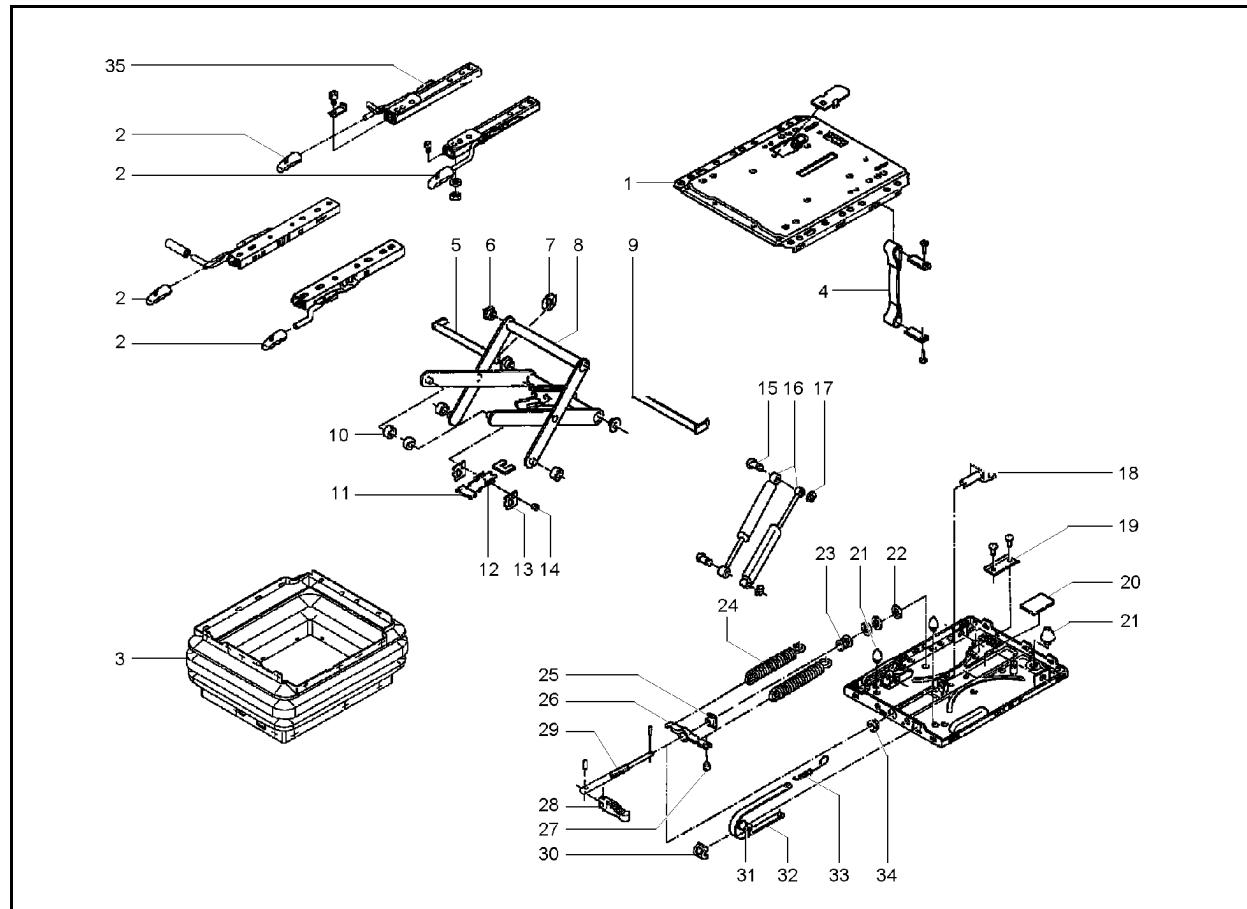
AWS 46 - OPERATOR'S SEAT/UPPER
1000182928



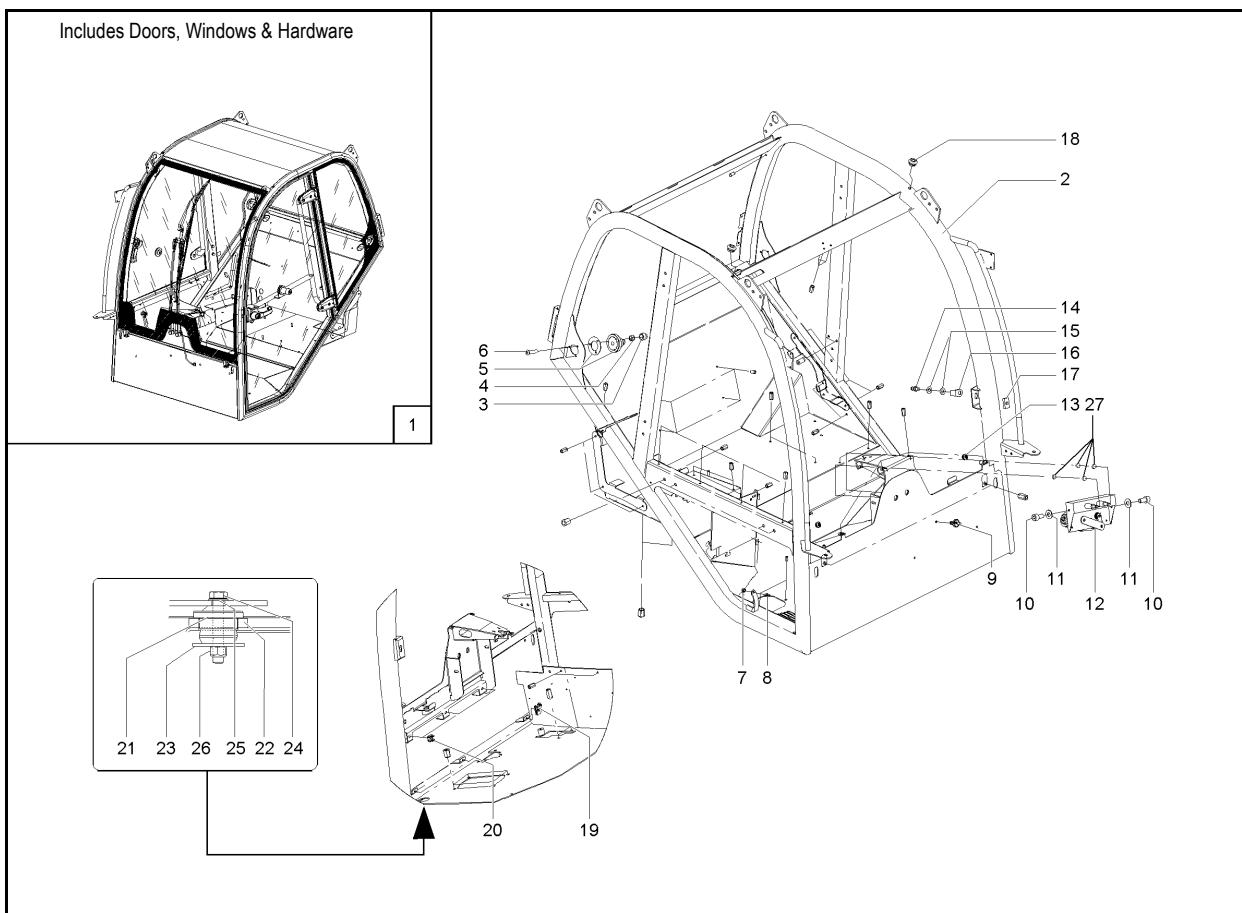
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0000806157 202294	BACKREST CUSHION/CLOTH BACKREST CUSHION/VINYL	1	7	0000806153	LEVER COMPLETE	1
2	165589 0000809151	SEAT CUSHION/CLOTH SEAT CUSHION/VINYL	1	8	207007	HANDLE	1
3	207005	BACKREST FRAME	1	9	207008	COVER LT	1
4	207006	GUIDE SLEEVE	2	10	207009	COVER RT	1
5	165824 177386	HEADREST/CLOTH HEADREST/VINYL	1	11	0000809145	ADJUST SLIDE RAIL	1
6	0000806143	BUSHING	2	12	207010	SPRING	1
				13	0000806147	BEARING	1
				14	207011	HANDLE	1
				15	207012	SPRING	1

AWS 46 - OPERATOR'S SEAT/LOWER

1000162640



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206994	COVER	1	19	206999	PROFILE	1
2	207011	HANDLE	1	20	207000	RUBBER PLATE	1
3	207815	BELLOW	1	21	207001	BUFFER	1
4	207828	STRIP	1	22	0000806127	WASHER	1
5	207826	PIN	1	23	207818	BALL BEARING	1
6	0009943854	BUSHING	4	24	0009921401	SPRING	2
7	207827	LOCKING	1	25	207002	NUT	1
8	0000801502	LINKAGE COMPLETE	1	26	0000806126	SPRING BRACKET	1
9	207824	PIN	1	27	0000806131	PLUG	1
10	0322920080	DRUM	4	28	0000802157	HANDLE	1
11	207608	STRAP	1	29	0000806139	ADJUSTMENT SPINDLE COMPLETE	1
12	0000801508	TENSION SPRING	2	30	0000805688	GUIDE	1
13	0000806129	SHEET METAL	2	31	207003	ROLLER	1
14	0000806133	PIN	1	32	207004	GUIDE	1
15	206996	PIN	2	33	0009921501	SPRING	1
16	0000801506	SHOCK ABSORBER	1	34	207823	RING	1
17	206998	LOCKING	2	35	0000809145	ADJUST SLIDE RAIL	1
18	0000805695	FORK COMPLETE	1				

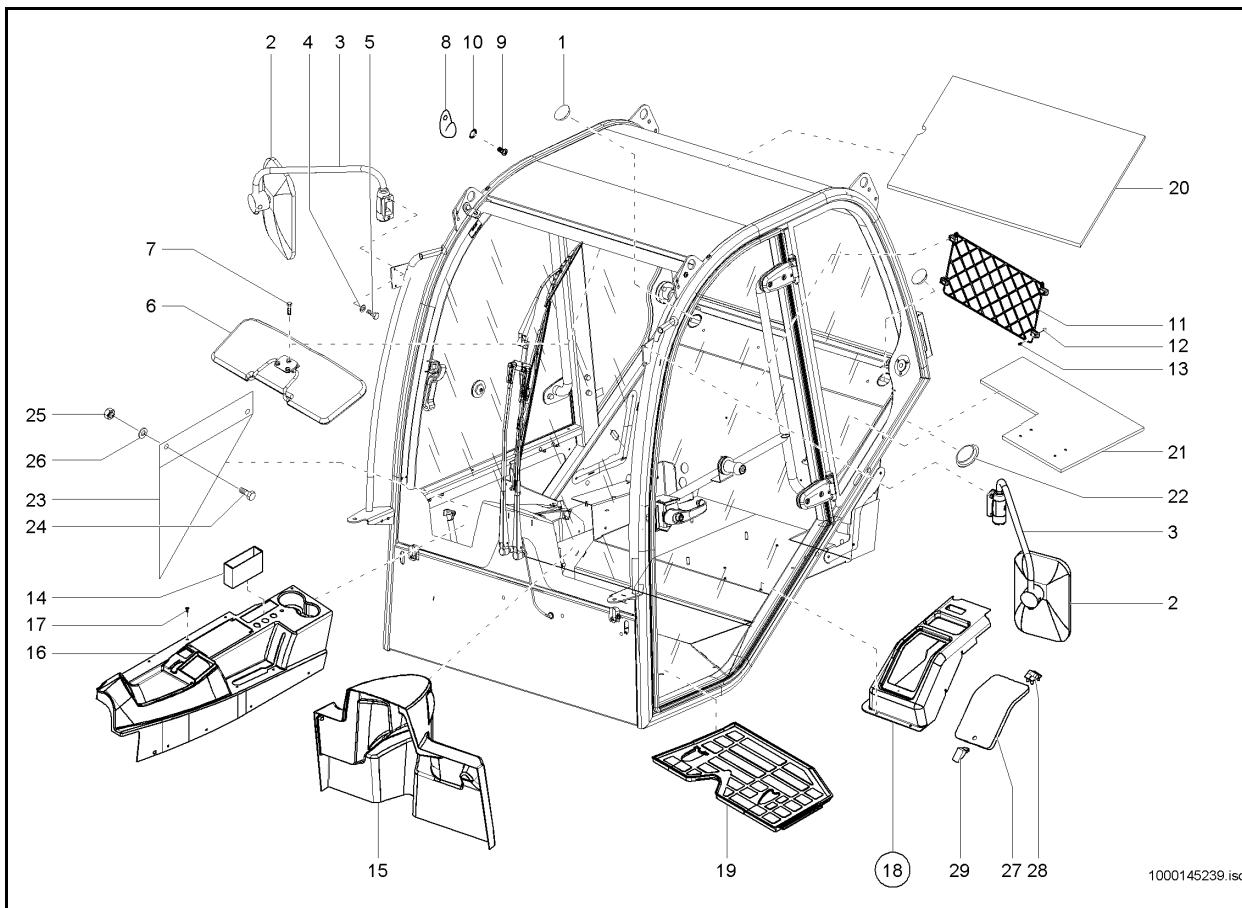


Ref.	No. Part No.	Description	Qty.
1	204417	CAB COMPLETE	1
2	202185	CAB FRAME	1
3	208473	PLUG	3
4	209666	NUT	3
5	209530	DOOR FASTENER	1
6	209855	SCREW	3
7	208472	COUNTER NUT	1
8	209688	BALL PLUG	1
9	209713	CONNECTOR	1
10	202186	SCREW	2
11	0000809770	O-RING	2
12	208918	WIPER MOTOR/DUAL	1
13	209714	SLEEVE	2
14	209705	CATCH BOLT	1

Ref.	No. Part No.	Description	Qty.
15	209697	SPACER	2
16	209681	BRACKET	1
17	209672	PLATE	1
18	209715	SLEEVE	2
19	202187	NUT	3
20	202188	NUT	3
21	0009935184	ISO MOUNT	4
22	202130	SEAL	4
23	0009939764	WASHER	4
24	208414	HEX SCREW	4
25	7451680116	WASHER B17-140HV A2C	4
26	651451	HLN INS M16-2.0 ZO	4
27	202354	BUSHING	4

AWS 46 - CAB MIRRORS & INTERIOR TRIM

1000145239



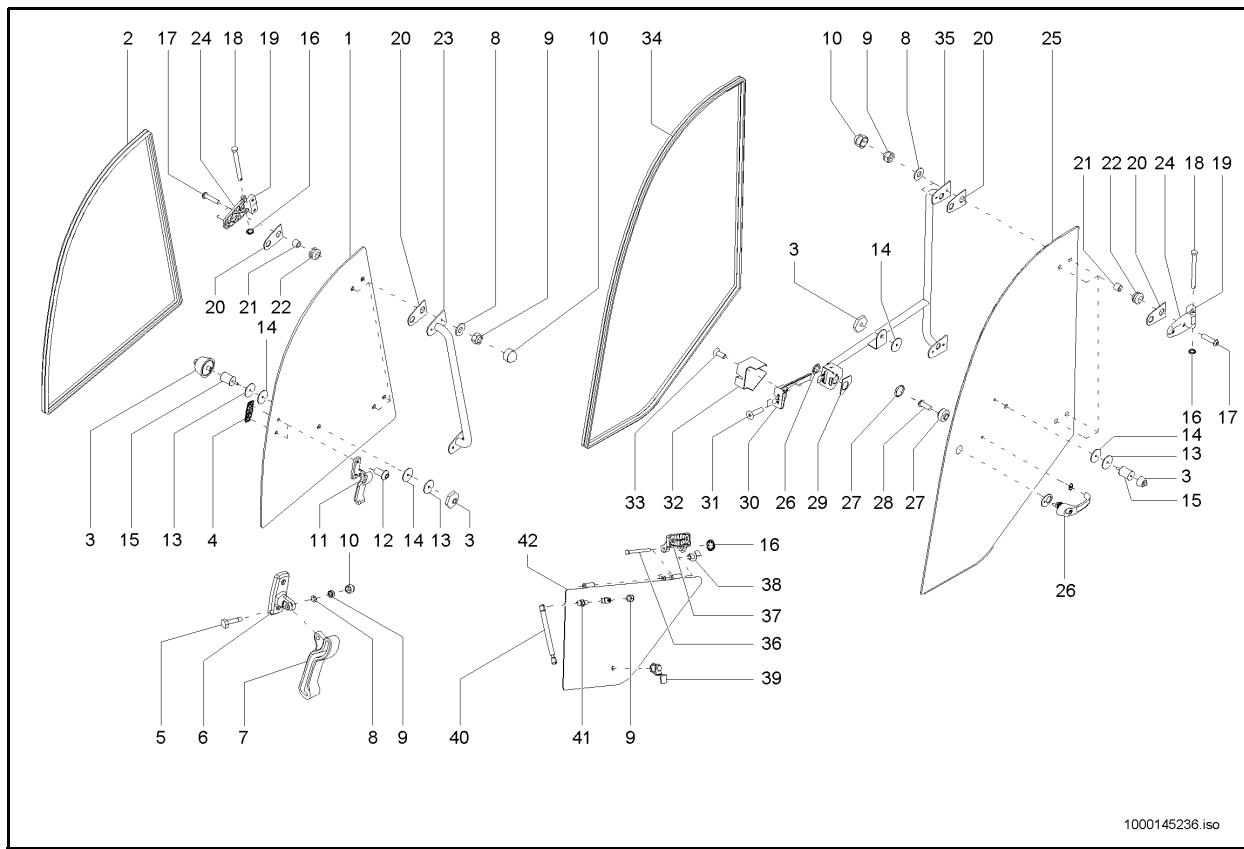
Ref.

No.	Part No.	Description	Qty.
1	202445	COVER	2
2	0000801594	MIRROR	2
3	209055	MIRROR BRACKET	2
4	656149	CS M6-1X16 C8.8 ZY DIN931	4
5	7451680109	WASHER B6.4-140HV A2C	4
6	0000809402	SUN VISOR	1
7	209470	SCREW	3
8	208586	HOOK	1
9	7286671070	OVAL-HEAD SCREW M4 X 12-4.8 H A2C	1
10	7451680107	WASHER B4.3-140HV A2C	1
11	209256	NET	1
12	201995	BUSHING	4
13	201850	SCREW	4
14	208411	REST	1
15	201930	TRIM	1

Ref.

No.	Part No.	Description	Qty.
16	201932	TRIM	1
17	209470	SCREW	24
18	0000809203	CONSOLE	1
19	202009	FLOOR MAT	1
20	201944	ISOLATION MAT	1
21	201945	ISOLATION MAT	1
22	0009900740	PLUG	1
23	202006	RUBBER MAT	1
24	656149	CS M6-1X16 C8.8 ZY DIN931	2
25	651457	LN INS M6-1 C8 ZY DIN6924	2
26	7462680008	WASHER	2
27	207460	COVER	1
28	207459	HINGE	2
29	206043	LATCH	1

AWS 46 - CAB DOOR & TILT-OUT WINDOW ASSEMBLY
1000145236

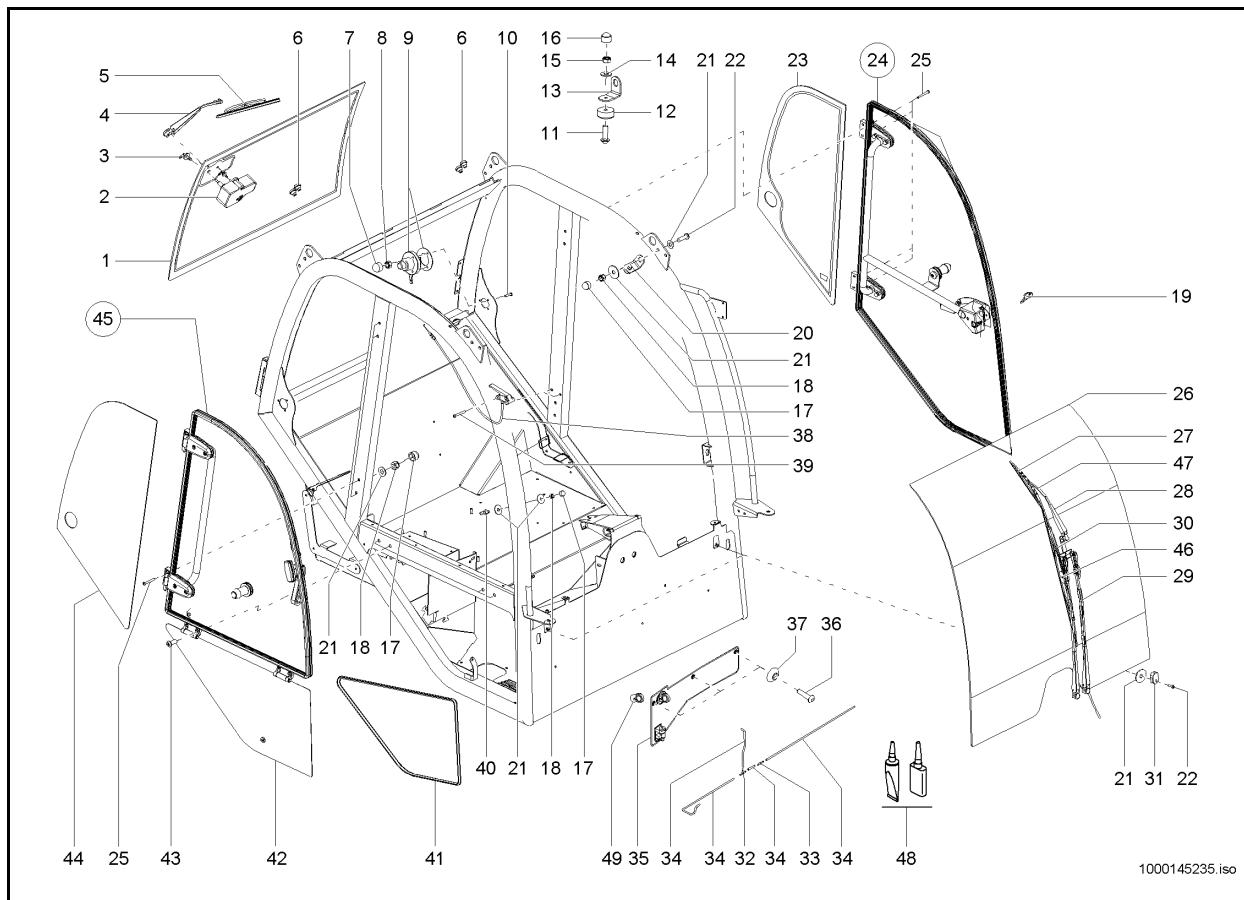


Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	202031	SIDE WINDOW		1	24	202206	HINGE		4
2	202189	WINDOW SEAL		1	25	202032	DOOR WINDOW		1
3	202191	DOOR LATCH		2	26	208885	HANDLE		1
4	209660	BRACKET		1	27	209856	PLUG		1
5	202192	SCREW		1	28	208888	SCREW		1
6	202193	BRACKET		1	29	208886	FASTEN PLATE		1
7	209661	LEVER RT		1	30	208898	LOCK		1
8	0000809770	O-RING		9	31	7272671155	COUNTERSUNK SCREW M6 X 25-4.8		2
9	208472	COUNTER NUT		10	32	208897	LOCK COVER		1
10	209658	PLUG		9	33	208882	SCREW		1
11	209659	LATCH		1	34	202190	WINDOW SEAL		1
12	202196	SCREW		2	35	202207	HANDLE		1
13	202197	WASHER		3	36	209690	PIN		2
14	202201	RUBBER PLATE		4	37	209692	HINGE.		2
15	202202	BUSHING		2	38	209857	RING		4
16	209674	MOUNTING		6	39	202195	WINDOW LATCH		1
17	208877	SCREW		8	40	202209	GAS STRUT		1
18	208919	COTTERPIN		4	41	209688	BALL PLUG		1
19	202203	HINGE		4	42	202210	TRIM		1
20	202204	GASKET		8	43	101792	KEY*		1
21	209652	BUSHING		8	* Same key to start engine, and lock/unlock engine hood and fuel tank cap.				
22	209653	SLEEVE		8					
23	202205	HANDLE		1					

* Same key to start engine, and lock/unlock engine hood and fuel tank cap.

AWS 46 - CAB EXTERIOR TRIM

1000145235



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	202028	REAR WINDOW	1	22	208877	SCREW	4
2	202035	WIPER MOTOR	1	23	202030	SIDE WINDOW LT	1
3	209713	ANGLE	1	24	202216	DOOR COMPLETE LT See page 73 for individual components	1
4	209620	WIPER ARM	1	25	202199	SCREW	8
5	202034	WIPER BLADE	1	26	202025	FRONT WINDOW	1
6	209706	SCREW	4	27	209623	WIPER BLADE	1
7	208473	PLUG	3	28	208858	WIPER ARM	1
8	209666	NUT	3	29	202033	WIPER ARM	1
9	208887	DOOR LATCH	1	30	209602	WIPER BLADE	1
10	209855	SCREW	3	31	209679	BRACKET	2
11	202198	SCREW	2	32	209703	T-FITTING	1
12	209686	SPACER	2	33	202221	VALVE	1
13	202211	PLATE	2	34	202740	HOSE (5.0M)	1
14	202213	WASHER	2	35	209624	WINDSHIELD WASHER RESERVOIR	1
15	202212	NUT	2	36	209709	SCREW	3
16	202214	PLUG	2	37	209670	SYNTHETIC DISC	3
17	209658	PLUG	11	38	202742	DOOR RELEASE LEVER ASSY	1
18	208472	COUNTER NUT	11	39	202200	SCREW	2
19	101792	KEY*	1	40	209689	BALL PLUG	1
20	202215	BRACKET	2	41	202217	SEAL	1
21	0000809770	O-RING	16				

AWS 46 - CAB EXTERIOR TRIM
1000145235

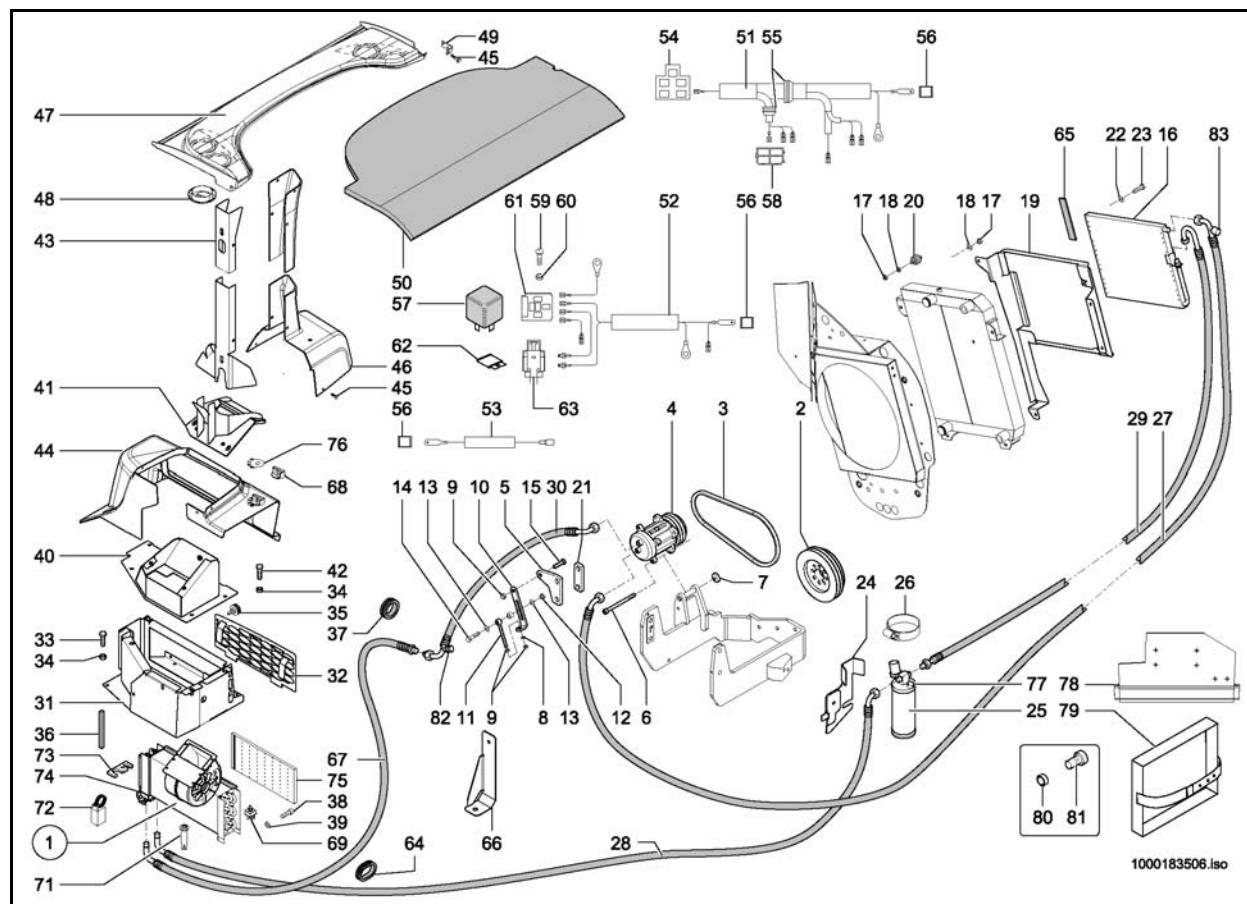
Ref.			
No.	Part No.	Description	Qty.
42	202218	PANEL	1
43	208909	SCREW	4
44	202029	SIDE WINDOW RT	1
45	202219	TILT-OUT WINDOW ASSY See page 73 for individual components	1
46	209138	NOZZLE	2

Ref.			
No.	Part No.	Description	Qty.
47	209137	NOZZLE	1
48	0004412533	WINDSHIELD ADHESIVE	1
49	202355	PLUG	1

* Same key to start engine, and lock/unlock engine hood and fuel tank cap.

AWS 46 - CAB AIR CONDITIONING SYSTEM

1000183506



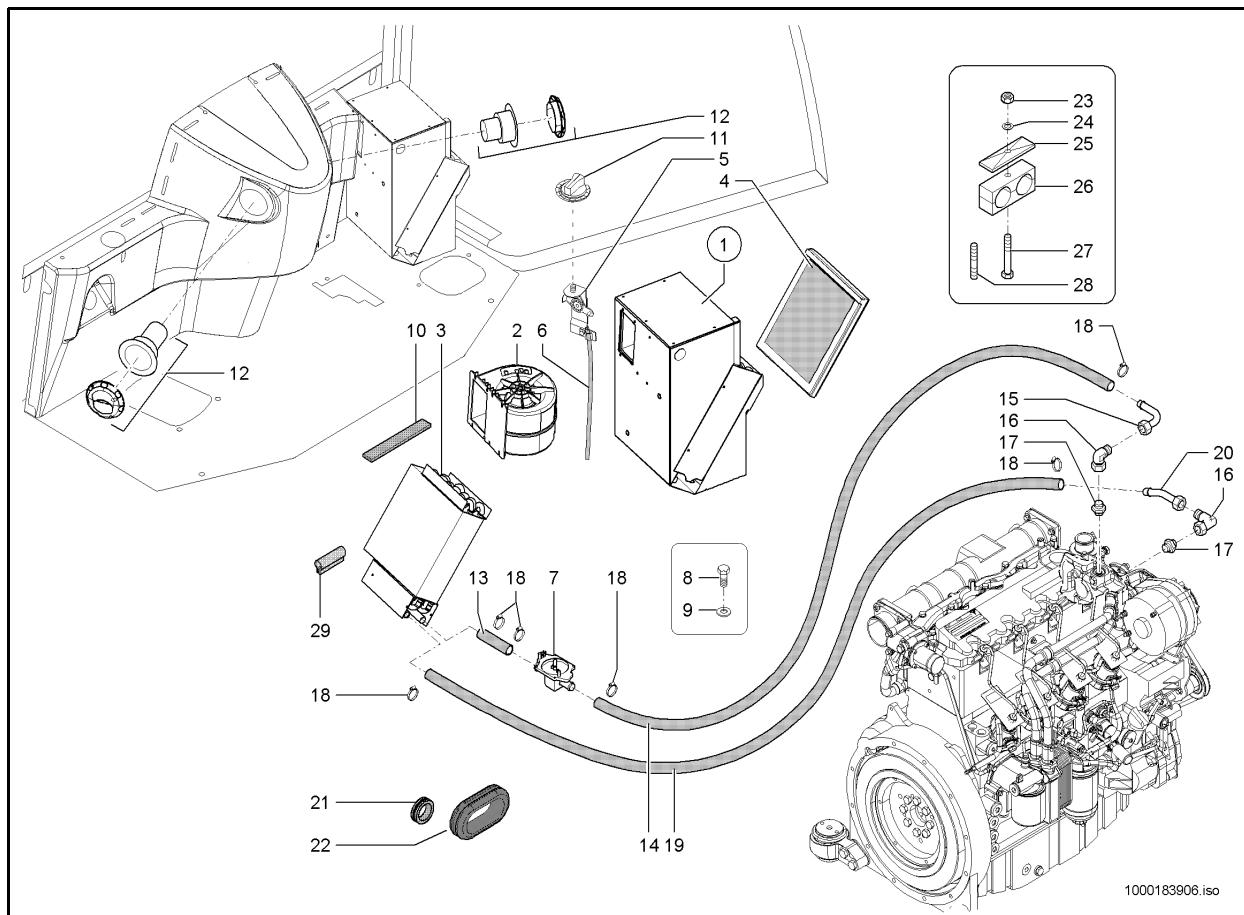
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202766	AIR CONDITIONER	1	24	202833	BRACKET	1
2	203528	PULLEY	1	25	202885	RECEIVER-DRYER	1
3	202828	V-BELT	1	26	0009937128	CLAMP D 50-70	1
4	177736	COMPRESSOR/AIRCONDITIONING	1	27	202832	HOSE	1
5	202826	BRACKET	1	28	202837	HOSE	1
6	177232	SHCS	1	29	202831	HOSE	1
7	202870	FLANGE NUT	1	30	203530	HOSE	1
8	7462680014	WASHER B10.5	3	31	202775	MOUNTING	1
9	651448	LN INS M10-1.5 C8 ZY DIN6924	3	32	202773	COVER PLATE	1
10	204241	BRACKET	1	33	656105	CS M8-1.25X25 C8.8 ZY DIN931	4
11	205625	EYEBOLT	1	34	7462680011	WASHER 8.4 ST A2C	7
12	656102	HN M10-1.25 F8 ZY DIN934	1	35	208725	GROOVED SCREW	2
13	202686	WASHER 11 X 34 X 3	2	36	206621	SEALING STRIP 15X10 (1.1 M)	1
14	651402	CS M10-1.5X50 C8.8 ZY	1	37	0009960242	DUCT RING 15	1
15	651397	CS M10-1.5X35 C8.8 ZY	1	38	208707	SHCS	4
16	177708	CONDENSER	1	39	7451680107	WASHER B4.3-140HV A2C	8
17	651458	LN INS M8-1.25 C8 ZY DIN6924	7	40	202825	TRIM	1
18	163634	WASHER	7	41	202830	BRACKET	1
19	203529	BRACKET	1	42	656093	CS M8-1.25X16 C8.8 ZY DIN931	3
20	205622	BEARING	4	43	202829	RAIL	1
21	202882	SPACER BRACKET	2	44	202768	TRIM	1
22	7460094023	WASHER 5.3	2	45	209470	SCREW	16
23	208416	HEX SCREW	2	46	202769	TRIM	1

AWS 46 - CAB AIR CONDITIONING SYSTEM
1000183506

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
47	202772	ROOF TRIM	1	66	202838	BRACKET	1
48	208543	HEATER NOZZLE	4	67	203531	HOSE	1
49	202774	ANGLE	1	68	0009965546	SHIFT BUTTON	1
50	202770	ISOLATION MAT	1	69	208579	SWITCH	1
51	202803	WIRING HARNESS	1	71	202757	ORIFACE	1
52	202804	WIRING HARNESS	1	72	202889	TEMPERATURE SWITCH	1
53	202872	CABLE	1	73	202890	FLANGE	1
54	0000801782	PLUG	1	74	202886	EVAPORATOR	1
55	202690	JUNCTION	2	75	202888	AIR FILTER	1
56	162000	PLUG	3	76	202873	LABEL/INDICATION	1
57	0003323317	RELAY 30/40 A (DIFF. LOCK)	1	77	206806	PRESSURE SWITCH	1
58	162003	PLUG	1	78	203532	ISOLATION MAT	1
59	7286671070	OVAL-HEAD SCREW M4X12-4.8 H A2C	1	79	0004331540	FIRST-AID KIT HOLDER	1
60	7405677002	HEX NUT M4-8 A2C	1	80	208729	SPACER	2
61	202715	PLUG HOUSING	1	81	203515	SCREW	2
62	164868	FUSE 20 A	1	82	204421	CAP	1
63	202693	FUSE HOLDER	1	83	204422	CAP	1
64	202883	JUNCTION	1				
65	206529	RUBBER BAND 30X5 (0.22 M)	1				

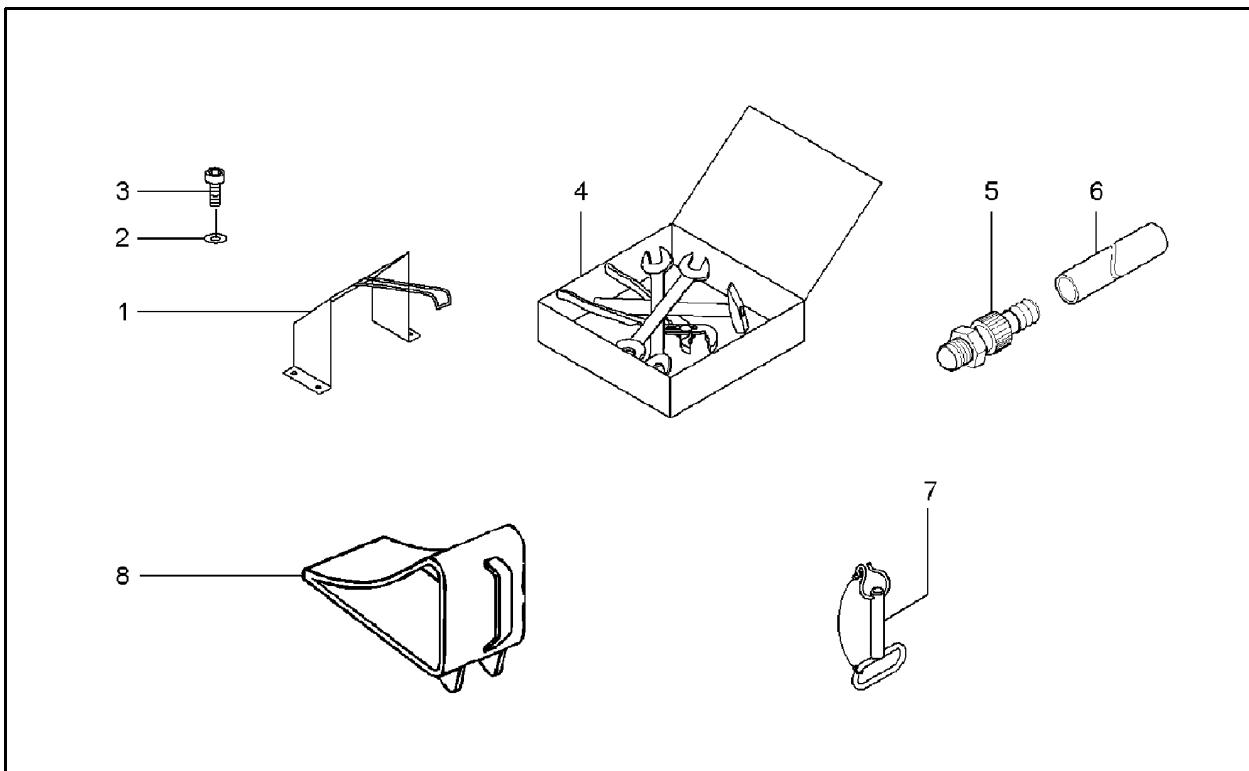
AWS 46 - CAB HEATING SYSTEM

1000183906



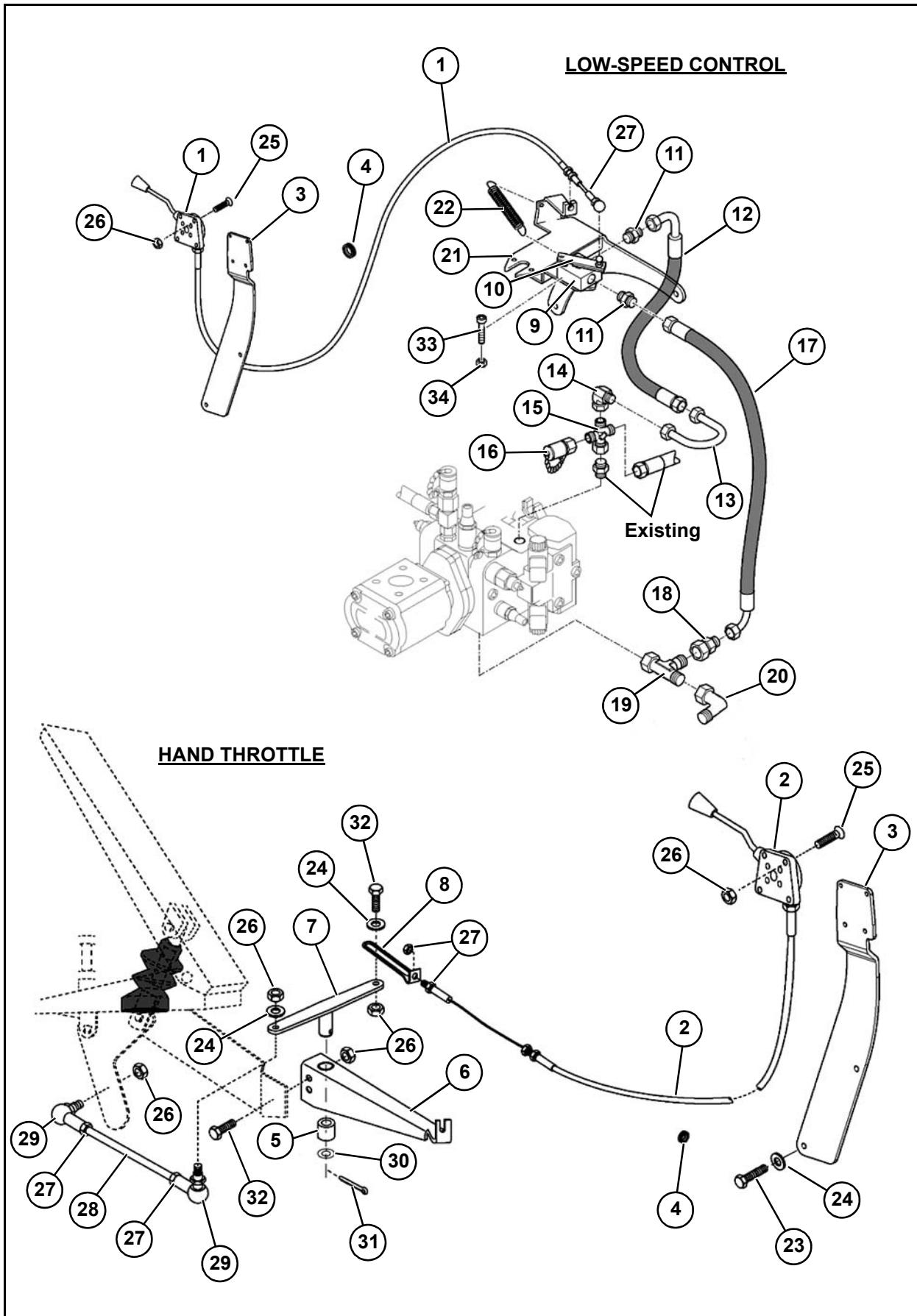
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Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202824	HEATER	1	16	0003638869	SCREW CONNECTION	1
2	201946	BLOWER	1	17	0003631815	SCREW CONNECTION	1
3	202892	HEAT EXCHANGER	1	18	0009930129	CLAMP D 12-20/9 W1	6
4	201979	FILTER ELEMENT	1	19	202752	HEATER HOSE (1.7 M)	1
5	203445	HEATER CONTROL SWITCH	1	20	203526	FITTING	1
6	202002	HEATER CONTROL CABLE	1	21	0009963042	DUCT RING 17X45X14	2
7	0004140481	TAP	1	22	201845	SEAL	1
8	656149	CS M6-1X16 C8.8 ZY DIN931	3	23	651458	LN INS M8-1.25 C8 ZY DIN6924	2
9	7462680008	WASHER	3	24	163634	WASHER	2
10	206620	SEALING STRIP 15X10 (0.45)	1	25	0009930685	COVER PLATE GD 3 D	2
11	209239	ROTARY KNOB	1	26	0009936350	CLAMP	3
12	208543	HEATER NOZZLE	2	27	203527	HEX SCREW	1
13	202747	HEATER HOSE (0.17 M)	1	28	7397677086	STUD BOLT M8X55-8.8 A2C	1
14	202748	HEATER HOSE (1.6 M)	1	29	202739	PROFILE (0.15)	1
15	203525	FITTING	1				



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	0004332440	BRACKET	1	5	177267	DRAIN COUPLING	1
2	163634	WASHER	4	6	209640	DRAIN HOSE	1
3	207368	SHCS	4	7	0382000029	PIN COMPLETE	1
4	208394	TOOL KIT	1	8	7708680009	WHEEL CHOCK	1

AWS 46 - LOW SPEED / HAND THROTTLE KIT (OPTION)
809449

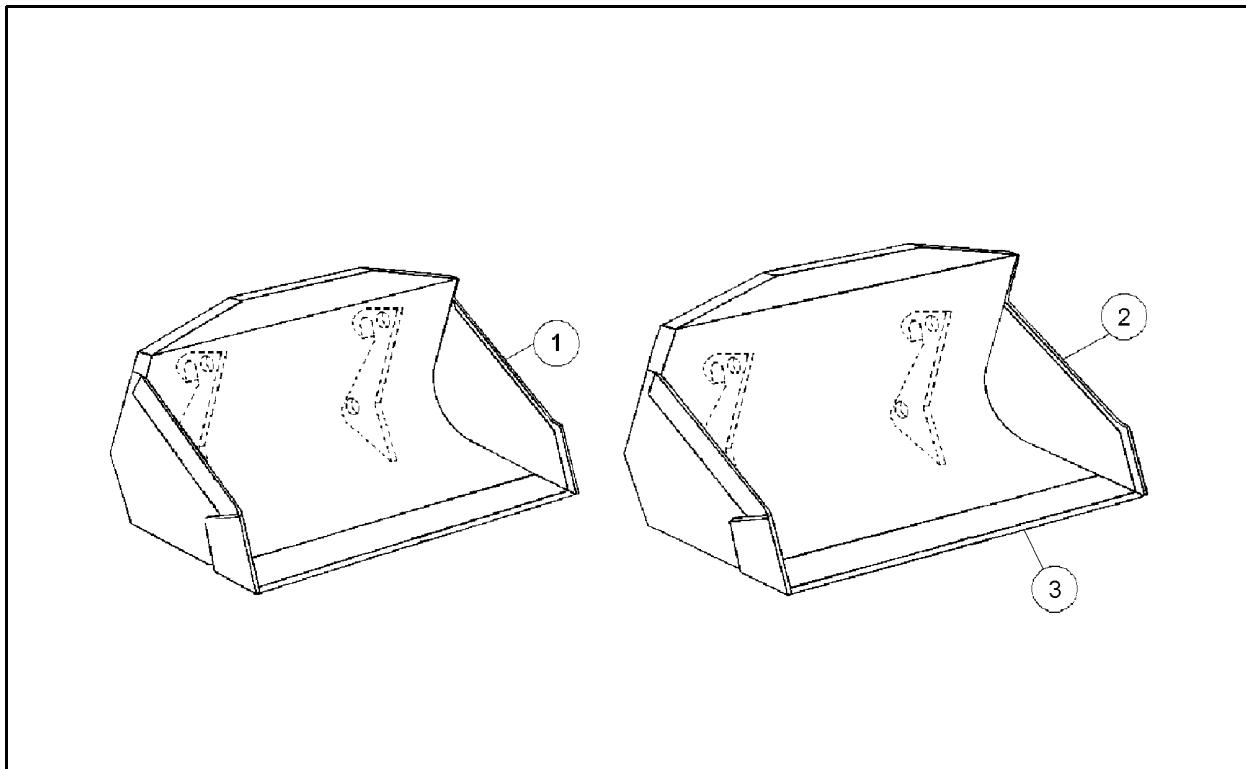


AWS 46 - LOW SPEED / HAND THROTTLE KIT (OPTION)
809449

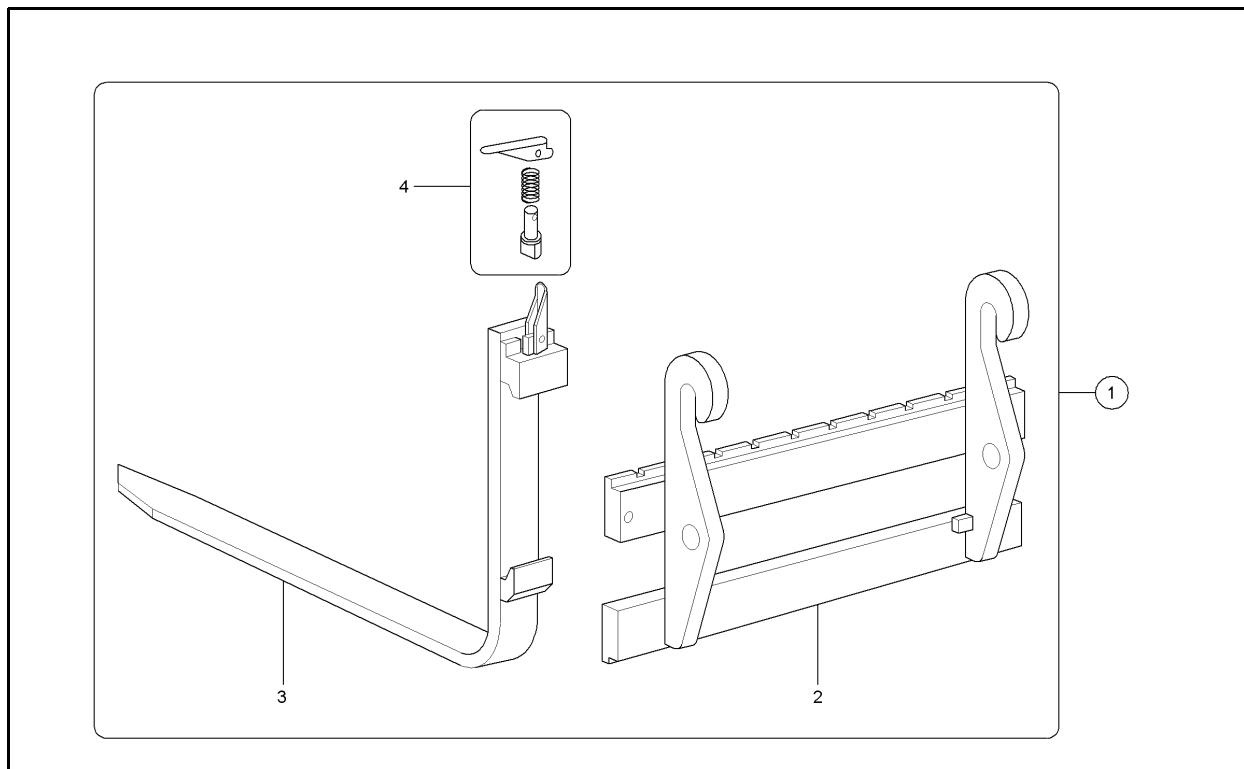
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202299	CONTROL LEVER, W/CABLE (LOW-SPEED)	1	18	204715	ADAPTER	1
2	205388	CONTROL LEVER, W/CABLE (HAND THROTTLE)	1	19	161449	TEE	1
3	202242	BRACKET (CONTROL LEVERS)	1	20	161447	90° FITTING (560 MM HOSE)	1
4	201872	GROMMET	2	21	202891	BRACKET (LOW-SPEED VALVE)	1
5	0009940806	BUSHING	1	22	0009924003	SPRING	1
6	1491700042	SUPPORT BRACKET	1	23	164895	SCREW (HEX HEAD, M6X25)	2
7	1491700010	PIVOT ARM	1	24	7462680008	WASHER (M6)	4
8	1641710078	SLOTTED BRACKET	1	25	7293671108	OV.-H.COUNTERSUNK SCREW M6X45-4.8 A	3
9	0003614877	SPEED CONTROL VALVE (LOW-SPEED)	1	26	651457	LN INS M6-1 C8 ZY DIN6924	8
10	205027	LEVER COMPLETE (SPEED CONTROL VALVE)	1	27	656047	HN M6-1 C8 ZY DIN934	5
11	164950	SCREW JOINT	2	28	1491710045	LINKAGE	1
12	202365	HP HOSE (380 MM)	1	29	7824670271	BALL JOINT CS 10-A3C	2
13	202341	TUBE	1	30	7451680112	WASHER B10.5-140HV A2C	1
14	161445	90° FITTING (380 MM HOSE)	1	31	7530680039	COTTER PIN 3.2X20	1
15	209068	SCREW JOINT	1	32	656149	CS M6-1X16 C8.8 ZY DIN931	3
16	208390	TEST PORT	1	33	7254677068	SHCS M8X40-8.8 A2C	2
17	202360	HP HOSE (560 MM)	1	34	651458	LN INS M8-1.25 C8 ZY DIN6924	2
				35	055648	TIE STRAP (NOT SHOWN)	10
				36	271744	DECAL, THROTTLE CONTROL	1

AWS 46 - BUCKETS

1000185267



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	809196	BUCKET W/QUICKHITCH W/O TEETH-STANDARD MATERIAL 81" WIDE-1.4 CUBIC YDS.	1		809458	BUCKET W/QUICKHITCH W/BOLT ON CUTTING EDGE LIGHT MATERIAL 96" WIDE-2.0 CUBIC YDS.	1
	809199	BUCKET W/QUICKHITCH W/O TEETH-LIGHT MATERIAL 85" WIDE-1.7 CUBIC YDS.	1	3	188978	86" BOLT-ON EDGE KIT W/ HDWR (FOR 809457 BUCKET ONLY)	1
2	809457	BUCKET W/QUICKHITCH W/BOLT ON CUTTING EDGE GENERAL PURPOSE 84" WIDE-1.5 CUBIC YDS.	1	4	188980	97" BOLT-ON EDGE KIT W/ HDWR (FOR 809458 BUCKET ONLY)	1



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 809193	PALLET FORK ASSY/48 IN	1	4 209748	LEVER	2
2 208524	FORK MOUNTING	1			
3 208615	FORK ARMS	2			

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206744	62	15	207662	65	61	207877	17	27
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207001	70	21	207721	67	1	207919	40	24
207002	70	25	207722	67	11	207920	39	24
207003	70	31	207761	67	15	207920	40	19
207004	70	32	207784	48	13	207921	39	32
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207011	69	14	207823	70	34	207938	52	7
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207012	69	15	207826	70	5	207944	51	8
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208114	60	27	208501	39	22	208815	9	2
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208389	46	27	208524	83	2	208824	8	27
208389	46	37	208539	44	1	208826	8	20
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208392	53	4	208543	78	12	208833	13	47
208394	79	4	208554	47	51	208833	14	9
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208453	58	28	208797	8	14	208882	73	33
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208472	73	9	208806	14	31	208890	44	22
208472	74	18	208808	8	8	208897	73	32
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208932	7	8	209291	46	19	209600	26	31
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209009	28	9	209357	25	51	209620	74	4
209010	28	8	209361	25	45	209623	74	27
209012	28	11	209371	67	4	209624	74	35
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209116	12	3	209396	41	6	209670	74	37
209120	13	48	209399	58	30	209672	71	17
209127	10	17	209443	58	27	209674	73	16
209137	75	47	209444	58	24	209679	74	31
209138	75	46	209445	58	22	209681	71	16
209141	26	23	209449	58	26	209686	74	12
209193	58	8	209451	2	7	209688	71	8
209194	58	11	209451	4	7	209688	73	41
209196	58	16	209452	57	61	209689	74	40
209197	58	17	209466	44	33	209690	73	36
209198	58	2	209470	22	28	209692	73	37
209199	59	19	209470	56	15	209697	71	15
209205	44	12	209470	72	7	209703	74	32
209205	46	26	209470	72	17	209705	71	14
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209215	44	23	209508	41	3	209713	71	9
209216	44	18	209530	71	5	209713	74	3
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209818	67	5	651448	64	32	651458	55	16
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209828	56	10	651451	71	26	651458	57	54
209831	56	27	651452	29	4	651458	64	37
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209856	73	27	651456	20	7	651458	78	23
209857	73	38	651456	56	17	651458	81	34
209861	56	5	651456	58	7	651472	42	3
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272813	5	31	651457	47	43	656004	46	30
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272816	5	16	651457	72	25	656006	55	6
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651393	65	43	651458	10	27	656047	19	13
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651397	76	15	651458	22	4	656047	20	22
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656093	11	67	0000801506	70	16	0000805187	6	4
656093	56	21	0000801508	70	12	0000805187	16	3
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656149	19	20	0000802096	26	33	0000806143	69	6
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0000809137	28	21	0003335465	61	8	0003635563	42	14
0000809141	68	5	0003336211	60	2	0003636215	24	27
0000809145	69	11	0003338865	60	25	0003636516	44	31
0000809145	70	35	0003339011	61	5	0003636634	6	3
0000809151	69	2	0003339111	59	28	0003636634	42	16
809193	83	1	0003339608	55	19	0003636649	25	55
809196	82	1	0003350297	59	8	0003636649	42	9
809199	82	1	0003350397	59	22	0003636649	45	44
0000809203	72	18	0003350397	61	3	0003637634	42	11
0000809402	72	6	0003364703	42	5	0003638466	24	3
809451	54	1	0003602088	42	15	0003638848	24	10
809457	82	2	0003614877	81	9	0003638869	78	16
809458	82	2	0003615087	44	16	0003638948	24	15
0000809770	71	11	0003618484	7	12	0003639121	46	15
0000809770	73	8	0003618484	8	11	0003639464	24	1
0000809770	74	21	0003618484	24	29	0003639862	38	12
0001610543	18	2	0003618484	42	7	0003654914	53	8
0002460485	39	7	0003630063	44	21	0004140481	78	7
0002461384	39	6	0003630063	46	24	0004331540	77	79
0003320628	59	15	0003630063	46	36	0004332440	79	1
0003320872	58	18	0003630206	42	18	0004351144	2	8
0003321507	56	24	0003630663	25	56	0004351144	4	8
0003321610	56	31	0003630664	26	3	0004355533	2	6b
0003322005	56	37	0003630833	42	8	0004355533	4	6b
0003322105	56	20	0003630846	42	4	0004355833	2	6a
0003323317	57	51	0003630896	48	18	0004355833	4	6a
0003323317	58	10	0003631320	23	42	0004359734	2	13
0003323317	77	57	0003631320	44	29	0004359734	4	13
0003324117	58	37	0003631416	25	41	0004359834	2	12
0003330022	59	10	0003631468	67	8	0004359834	4	12
0003330356	59	25	0003631815	25	42	0004412533	75	48
0003330440	59	18	0003631815	78	17	0009900015	18	10
0003330466	59	6	0003632165	24	8	0009900115	42	25

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0009900740	72	22	0009937128	76	26	0009966006	46	11
0009908115	19	12	0009937329	23	38	0009966006	47	47
0009908115	20	12	0009937550	18	15	0009966142	64	41
0009909609	42	10	0009937550	22	34	0009966742	59	17
0009909610	62	4	0009937750	39	19	0009967070	42	20
0009921401	70	24	0009937851	46	9	0009967370	26	22
0009921501	70	33	0009937929	16	12	0009967408	24	11
0009924003	81	22	0009938001	16	1	0009967508	24	16
0009925128	46	14	0009938078	29	16	0009968070	28	12
0009925128	47	48	0009938350	48	8	0009968370	27	42
0009927501	19	23	0009938850	47	45	0009968670	26	12
0009927501	20	23	0009939550	24	21	0009968770	28	7
0009930051	25	65	0009939750	48	15	0009968870	28	14
0009930112	18	9	0009939764	71	23	0009969809	42	19
0009930129	78	18	0009939850	19	14	0009969870	28	15
0009930585	44	34	0009939850	19	26	0009976519	7	16
0009930585	55	18	0009939850	20	14	0009976619	7	17
0009930651	23	40	0009939850	20	26	0009976719	7	18
0009930685	46	32	0009939911	42	23	0009976920	66	19
0009930685	48	7	0009940806	81	5	0009977020	66	20
0009930685	49	6	0009943854	70	6	0009977120	66	21
0009930685	78	25	0009953268	26	2	0009977220	66	22
0009930785	45	47	0009954668	67	6	0161510026	22	24
0009932151	45	45	0009955669	67	14	0163050025	64	26
0009933085	24	22	0009959068	24	17	0163320028	56	30
0009933150	48	4	0009959068	28	3	0163630001	42	1
0009933150	49	3	0009960242	39	20	0322920080	70	10
0009933185	48	10	0009960242	76	37	0381700004	19	1
0009933185	48	16	0009960853	50	28	0381700004	20	1
0009933485	24	38	0009961952	67	9	0381700004	20	2
0009933485	25	59	0009962042	57	46	0381710059	19	9
0009933485	25	66	0009963042	19	10	0381710059	20	9
0009933531	25	63	0009963042	20	10	0382000029	79	7
0009935151	16	7	0009963042	78	21	0394160260	67	3
0009935184	71	21	0009963151	66	14	0999961964	26	14
0009936250	44	40	0009963251	66	9	1009972920	29	10
0009936250	55	17	0009963251	67	20	1009973020	29	12
0009936350	78	26	0009964571	42	17	1381710017	20	19
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1383350040	55	2	7405677002	57	59	7462680011	10	29
1394160050	29	8	7405677002	60	34	7462680011	16	10
1491700010	81	7	7405677002	77	60	7462680011	22	3
1491700042	81	6	7409678208	29	20	7462680011	22	23
1491710045	81	28	7451680107	41	8	7462680011	22	27
1641710078	81	8	7451680107	57	57	7462680011	41	4
7234677230	62	7	7451680107	57	60	7462680011	42	22
7234678147	7	4	7451680107	60	33	7462680011	44	10
7236677187	17	3	7451680107	72	10	7462680011	64	3
7236677942	29	9	7451680107	76	39	7462680011	64	40
7236677942	29	17	7451680109	10	10	7462680011	65	57
7236677942	46	2	7451680109	18	13	7462680011	76	34
7236677952	7	3	7451680109	22	29	7462680014	22	15
7250670962	56	38	7451680109	55	22	7462680014	44	7
7250671592	57	44	7451680109	64	6	7462680014	64	31
7252677036	49	12	7451680109	72	5	7462680014	76	8
7252677038	27	35	7451680112	23	46	7464680083	26	17
7252677053	24	26	7451680112	55	7	7464680087	26	19
7252677054	18	11	7451680112	65	44	7464680140	26	18
7252677056	24	23	7451680112	81	30	7530680028	41	5
7252677096	66	11	7451680113	7	7	7530680039	81	31
7252677580	27	36	7451680113	10	22	7593641016	39	8
7252678053	46	12	7451680113	17	4	7593641019	39	9
7252678053	47	50	7451680113	29	18	7593641020	23	36
7254677068	81	33	7451680113	46	3	7593641029	7	13
7272671155	73	31	7451680116	71	25	7593641029	8	10
7286671070	60	32	7460094023	19	8	7593641034	54	3
7286671070	72	9	7460094023	20	8	7708680009	79	8
7286671070	77	59	7460094023	56	16	7731000001	57	43
7286671503	62	14	7460094023	65	53	7733661603	58	31
7293671108	81	25	7460094023	76	22	7734000917	56	7
7302670020	18	12	7462680008	17	7	7734000917	56	13
7397677086	44	13	7462680008	19	4	7734000926	56	3
7397677086	46	29	7462680008	20	4	7761675404	66	8
7397677086	48	5	7462680008	23	50	7761675404	67	18
7397677086	49	4	7462680008	25	61	7761675424	67	19
7397677086	78	28	7462680008	72	26	7788010664	48	19
7403677727	67	7	7462680008	78	9	7821104306	19	11
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TORQUE SPECIFICATIONS

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

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

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

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

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

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

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

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



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