

**GEHL**®

Form No.  
918072  
Revision E  
Sept. 2009

# Model 603

## Compact Excavator

### Serial Number Range

Engine Tier II Models: AC02513 to AD07207

Engine Tier III Models: AH00645 and up



# 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
ASSY.....	Assembly
AR.....	As Required
CB.....	Carriage Bolt
CP.....	Cotter Pin
CS.....	Cap Screw (Hexagon Head)
CYL.....	Cylinder
DIA.....	Diameter
DIN.....	Deutsches Institut für Normung (German Institute for Standardization)
FHCS.....	Flat Head Cap Screw
GR.....	Grade
HB.....	Hexagon Bolt
HLN.....	Hexagon Lock Nut
HN.....	Hexagon Nut
HP.....	High Pressure
HYD.....	Hydraulic
INS.....	Insert
LH.....	Left Hand
LN.....	Lock Nut
LT.....	Left
LW.....	Lock Washer
M.....	Meter or Meters
MM/mm.....	Millimeter
NPT.....	National Pipe Threaded
NSS.....	Not Sold Separately
RH.....	Right Hand
RT.....	Right
SHCS.....	Socket Head Cap Screw
SLTD.....	Slotted
SN.....	Serial Number or Slotted Nut
SQ.....	Square
W/.....	With
W/O.....	Without
ZO.....	Zinc Oxide
ZY.....	Zinc Yellow

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## NOTES

# 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

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



## CAUTION

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

### PAINT NOTICE

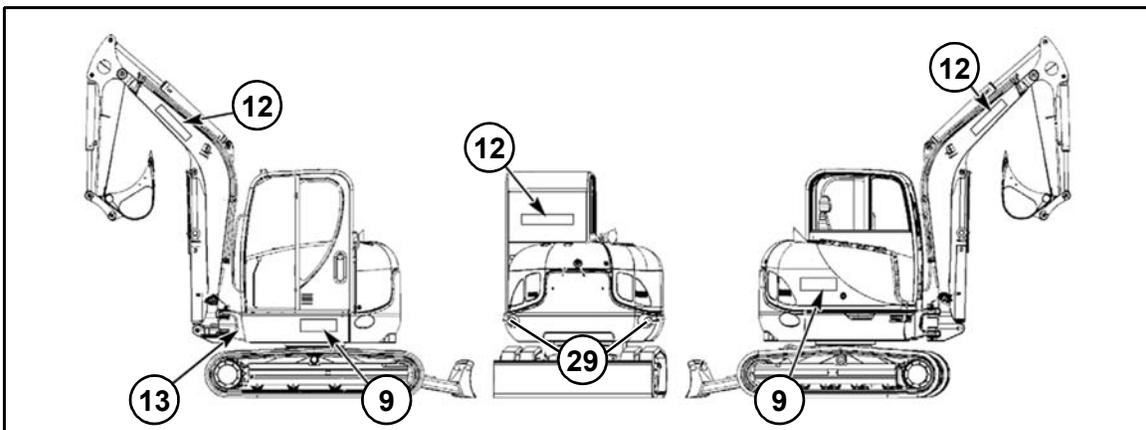
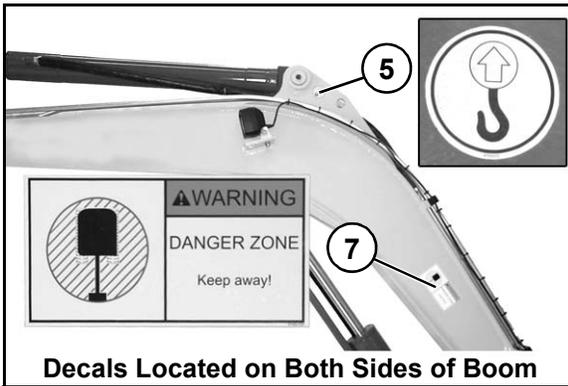
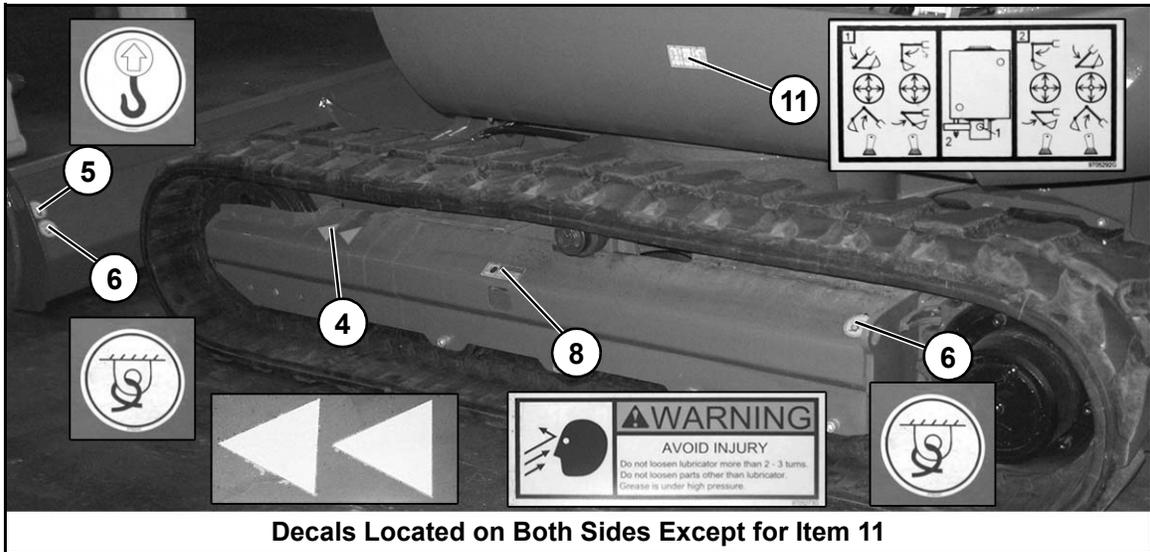
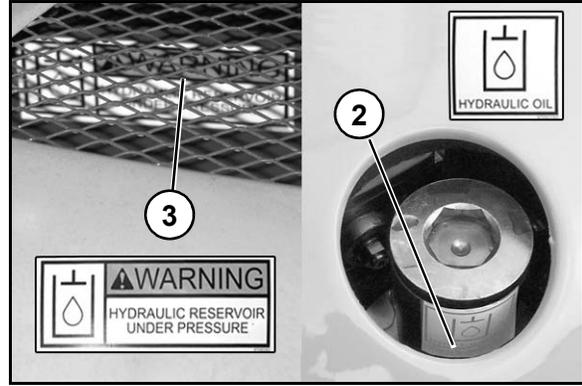
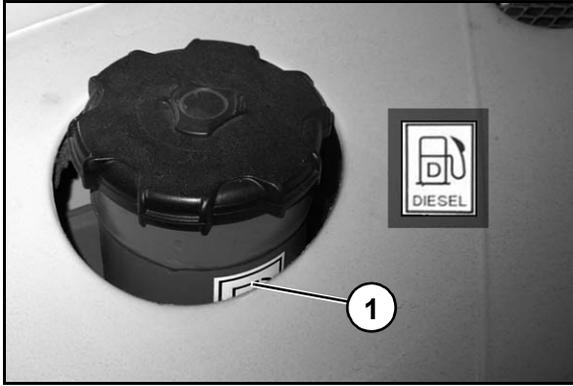
Use this list to order paint for refinishing:

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

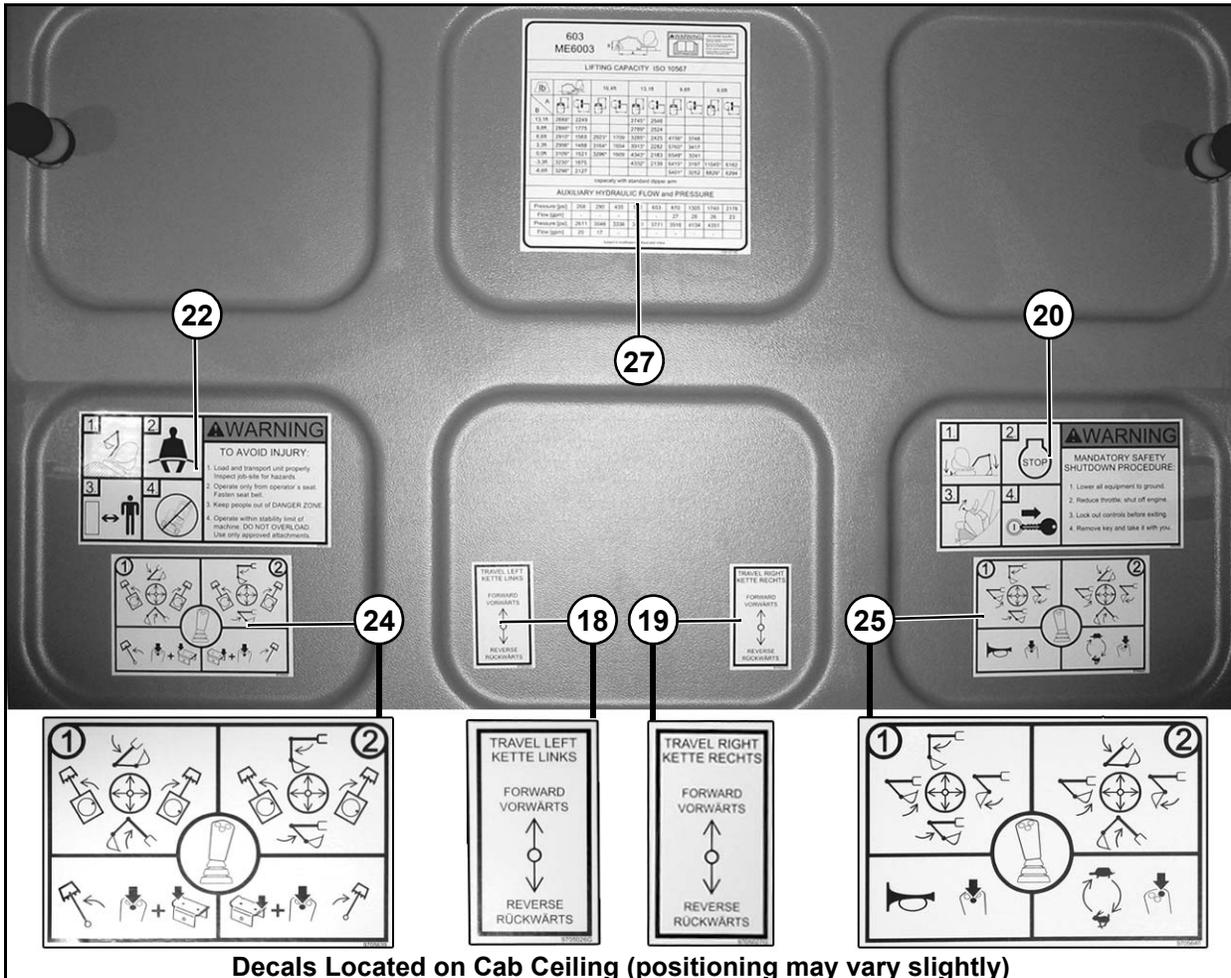
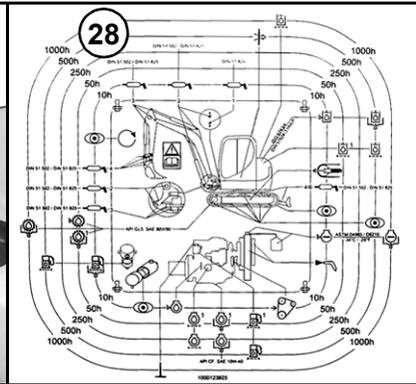
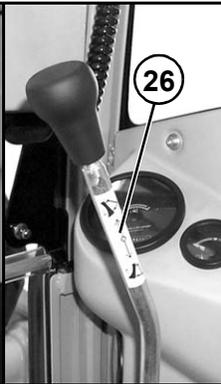
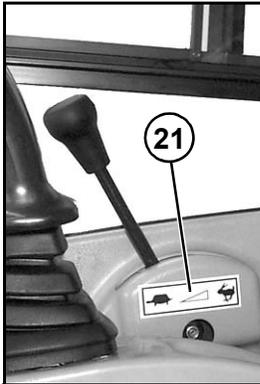
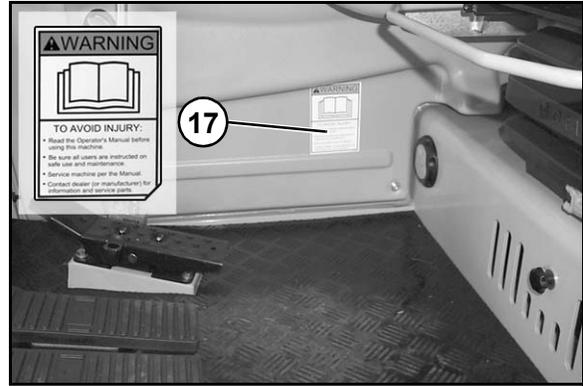
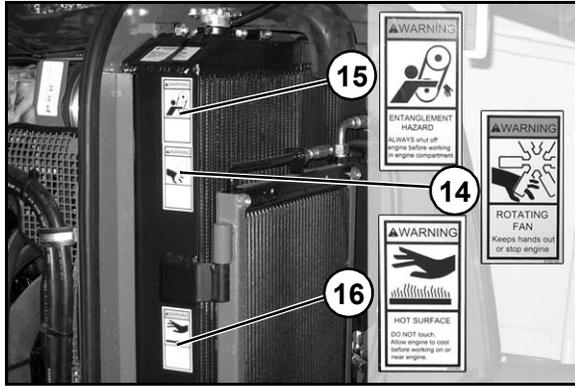
The decal kit for the 603 Compact Excavators is listed below:

Ref. No.	Part No.	Description & Quantity
	177437	603 Decal Kit
1	161965	Decal/Diesel Fuel
2	161966	Decal/Hydraulic Oil
3	161969	Decal/Warning Hyd Reservoir
4	161970	Decal/Arrow (2 Places)
5	161981	Decal/Lift Point (4 Places)
6	161982	Decal/Tiedown Point (4 Places)
7	161985	Decal/Warning Keep Away (2 Places)
8	163975	Decal/Warning Avoid Injury (2 Places)
9	173333	Decal/603 (2 Places)
10	177441	Decal/Warning Avoid Injury
11	177442	Decal SAE/ISO Control
12	183935	Decal/Gehl 5.50 x 23.34 (3 Places)
13	184043	Decal/Gehl 3.75 x 15.92 (white)
14	161987	Decal/Warning Rotating Fan (2 Places)
15	163977	Decal/Warning Entanglement Hazard
16	163978	Decal/Warning Hot Surface (2 Places)
17	161986	Decal/Warning Read Manual
18	162450	Decal/Travel Left
19	162451	Decal/Travel Right
20	163973	Decal/Warning Mandatory Shutdown
21	163974	Decal/Throttle Speed
22	163976	Decal/Warning Avoid Injury
23	164854	Decal/Warning Avoid Injury
24	177443	Decal/Controls SAE/ISO Lt
25	177444	Decal/Controls SAE/ISO Rt
26	177871	Decal/Dozer Blade Up/Down
27	205513	Decal/Lift Capacity
28	205842	Lubrication Chart
29	177765	Reflector (2 Places)

# DECAL LOCATIONS



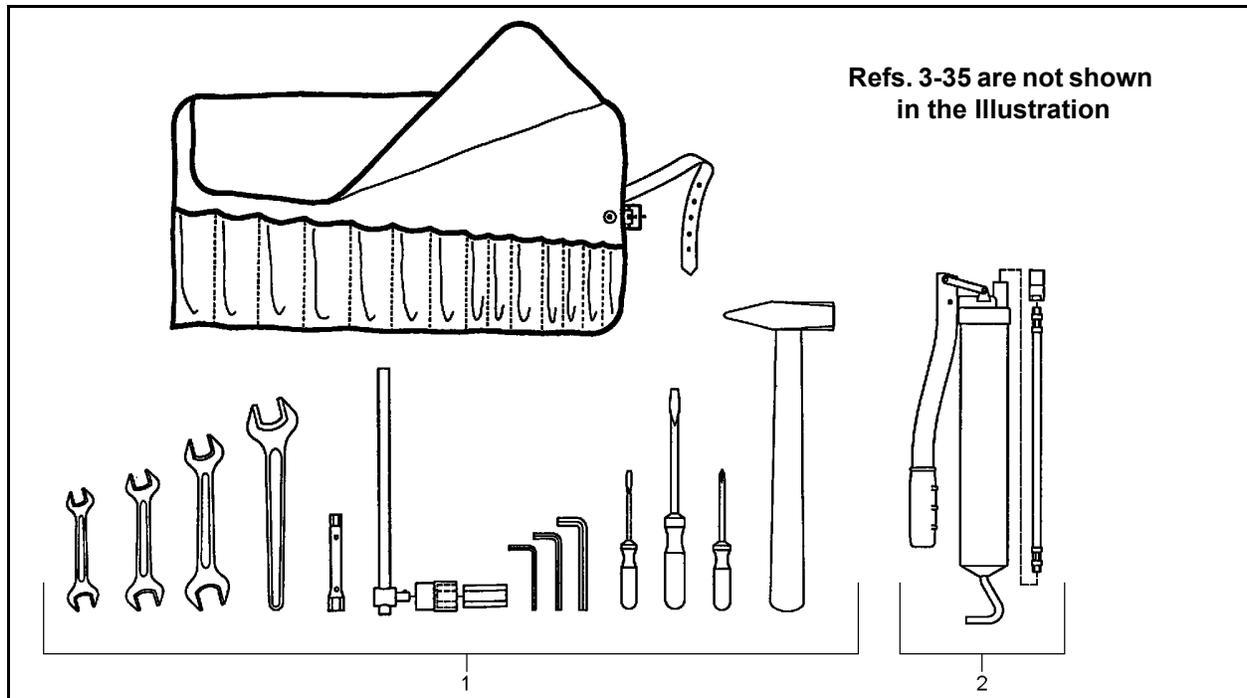
# DECAL LOCATIONS



Decals Located on Cab Ceiling (positioning may vary slightly)

## NOTES

**603 - TOOLS / SERVICE KITS**  
**1000125272**

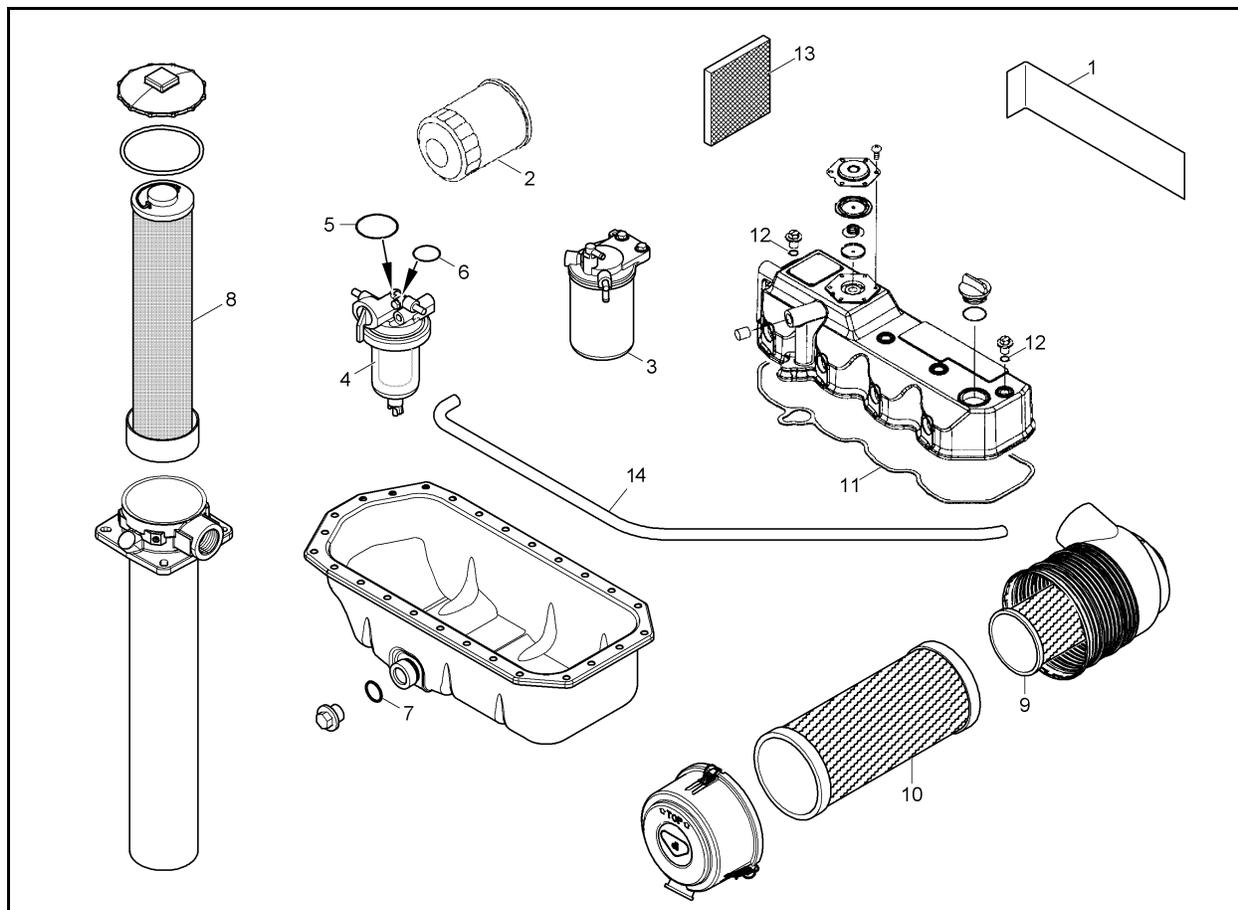


Ref. No.	Part No.	Description	Qty.
1	177855	TOOL KIT	1
2	179733	GREASE GUN	1
3	184467	HYDRAULIC GAUGE KIT	1
4	186011	TEST PORT, 4MP-M16X2, 1/4 NPT	1
5	183877	TEST PORT, 3/4-16 UNF	1
6	184472	TEST GAUGE, 1000PSI	1
7	184473	TEST GAUGE, 6000PSI	1
8	184475	TEST HOSE, 120" (Used with Gauge Kits)	1
9	184476	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
17	195344	TRAIN KIT TOOL (Yanmar TNV)	1
18	195345	INJECTOR PULLER (Yanmar; Wrench-type)	1
19	195346	INJECTOR PULLER (Yanmar; Slide-hammer adapter)	1
20	195348	TIMING KIT TOOL (Yanmar TNV)	1

Ref. No.	Part No.	Description	Qty.
21	195387	DIAL INDICATOR (incl. in 195348 Timing Kit Tool)	1
22	195388	30MM EXT ROD (incl. in 195348 Timing Kit Tool)	1
23	195389	M14 ADAPTOR (incl. in 195348 Timing Kit Tool)	1
24	195390	M16 ADAPTOR (incl. in 195348 Timing Kit Tool)	1
25	195391	ADAPTOR NUT (incl. in 195348 Timing Kit Tool)	1
26	195392	CLAMP (incl. in 195348 Timing Kit Tool)	Set of 2
27	195393	COMPRESSION ADAPTOR TOOL (Yanmar; TNE78—TNE106, TNV82/84/88)	1
28	195394	COMPRESSOR ADAPTOR TOOL (Yanmar; 4TNV94/91/106)	1
29	195395	1/4NPT ADAPTOR TOOL (Yanmar)	1
30	241766	DIAGNOSTIC TOOL (Yanmar TNV Tier III)	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.**

## 603 - FILTERS, GASKETS AND SEALS 1000180667 - (SN AH00645 AND UP)

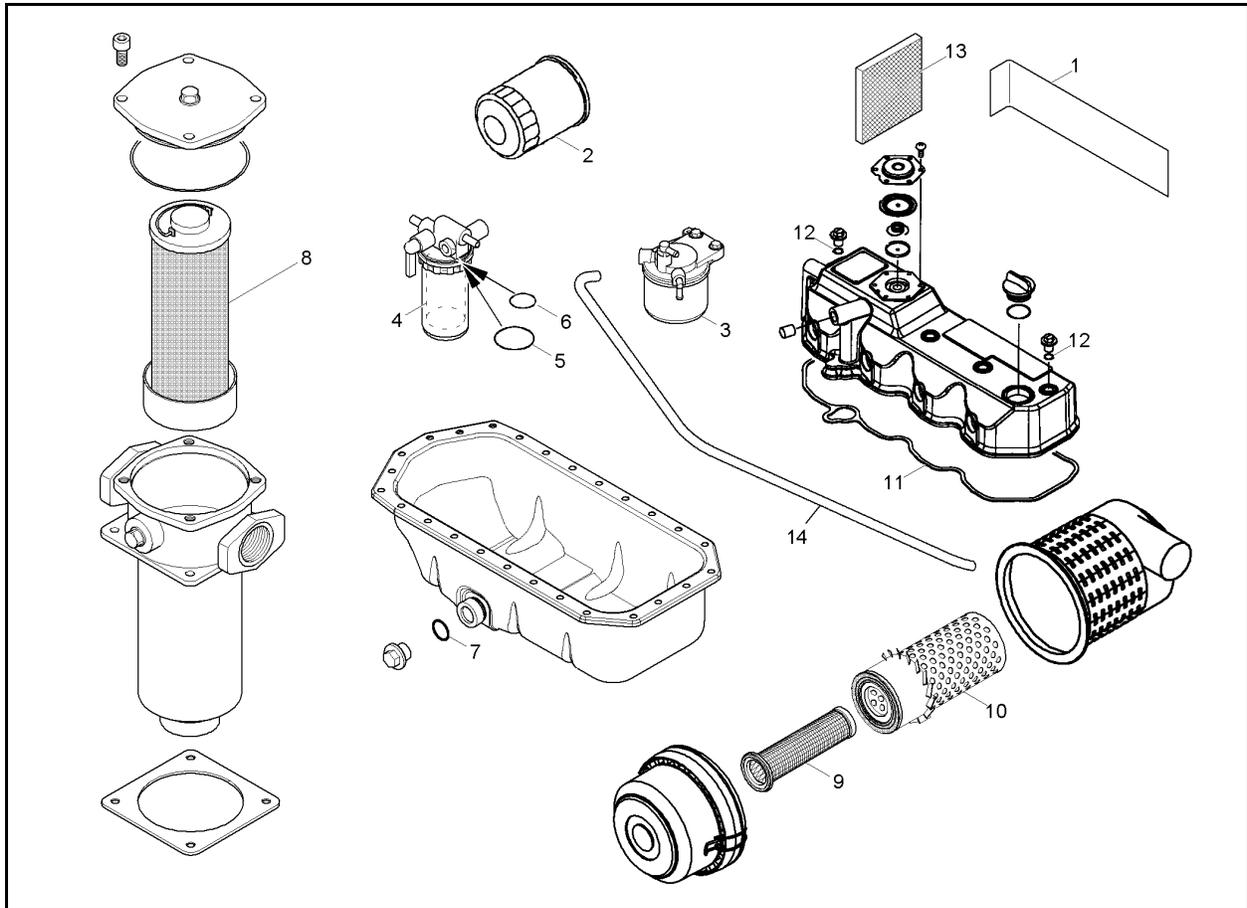


Ref. No.	Part No.	Description	Qty.
1	177793	CIRCULATION FILTER/ AIR CONDITIONING	1
2	179122	ENGINE OIL FILTER	1
3	204166	FUEL FILTER	1
4	186340	WATER SEPARATOR FILTER	1
5	177664	GASKET/FILTER HOUSING	1
6	177659	O-RING	1
7	164719	PLUG GASKET	1

Ref. No.	Part No.	Description	Qty.
8	202505	HYDRAULIC OIL FILTER ELEMENT	1
9	207343	AIR FILTER - INNER	1
10	207342	AIR FILTER - OUTER	1
11	177566	VALVE COVER SEAL	1
12	164666	O-RING	4
13	177919	CABIN AIR FILTER	1
14	204094	FUEL LINE (25.0M)	1

# 603 - FILTERS, GASKETS AND SEALS

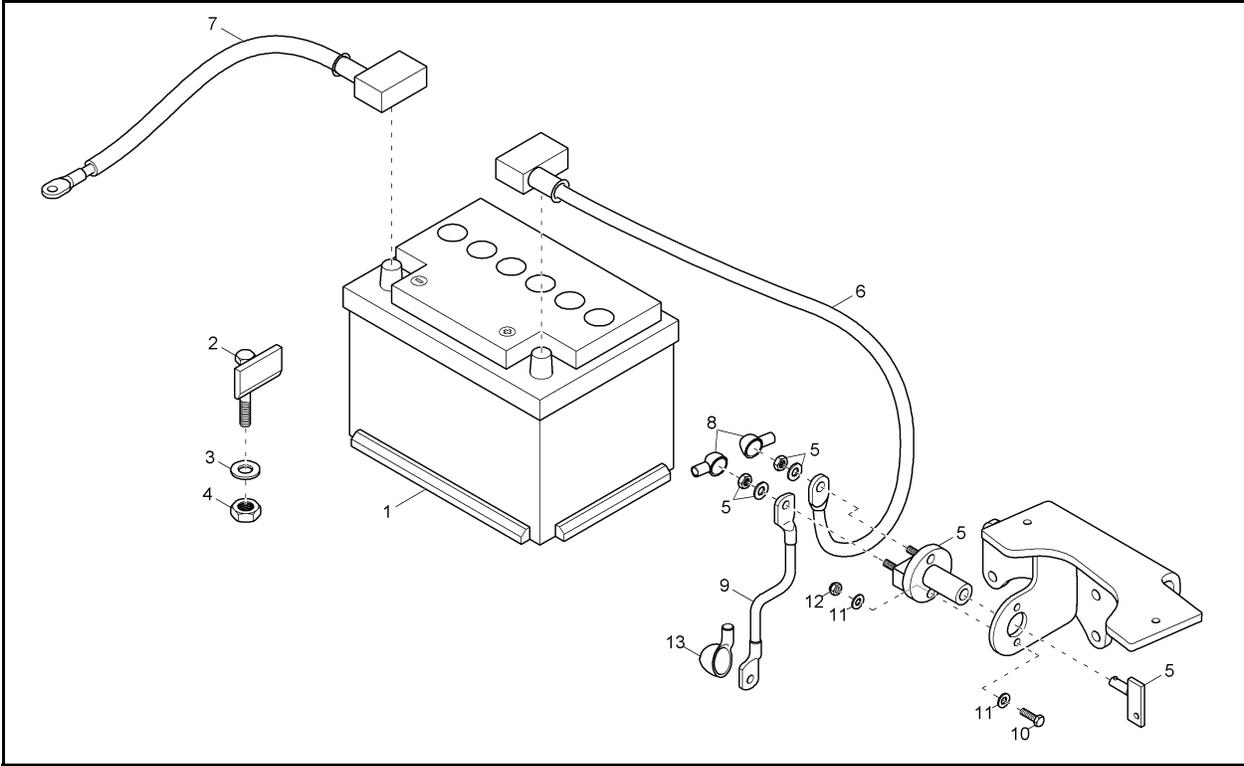
1000125866 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.
1	177793	CIRCULATION FILTER/ AIR CONDITIONING	1
2	179122	ENGINE OIL FILTER	1
3	137499	FUEL FILTER	1
4	186340	WATER SEPARATOR FILTER	1
5	177664	GASKET/FILTER HOUSING	1
6	177659	O-RING	1
7	164719	PLUG GASKET	1

Ref. No.	Part No.	Description	Qty.
8	161067	HYDRAULIC OIL FILTER ELEMENT	1
9	188817	AIR FILTER - INNER	1
10	188814	AIR FILTER - OUTER	1
11	177566	VALVE COVER SEAL	1
12	164666	O-RING	4
13	177919	CABIN AIR FILTER	1
14	204094	FUEL LINE (25.0M)	1

**603 - BATTERY**  
**1000126138**



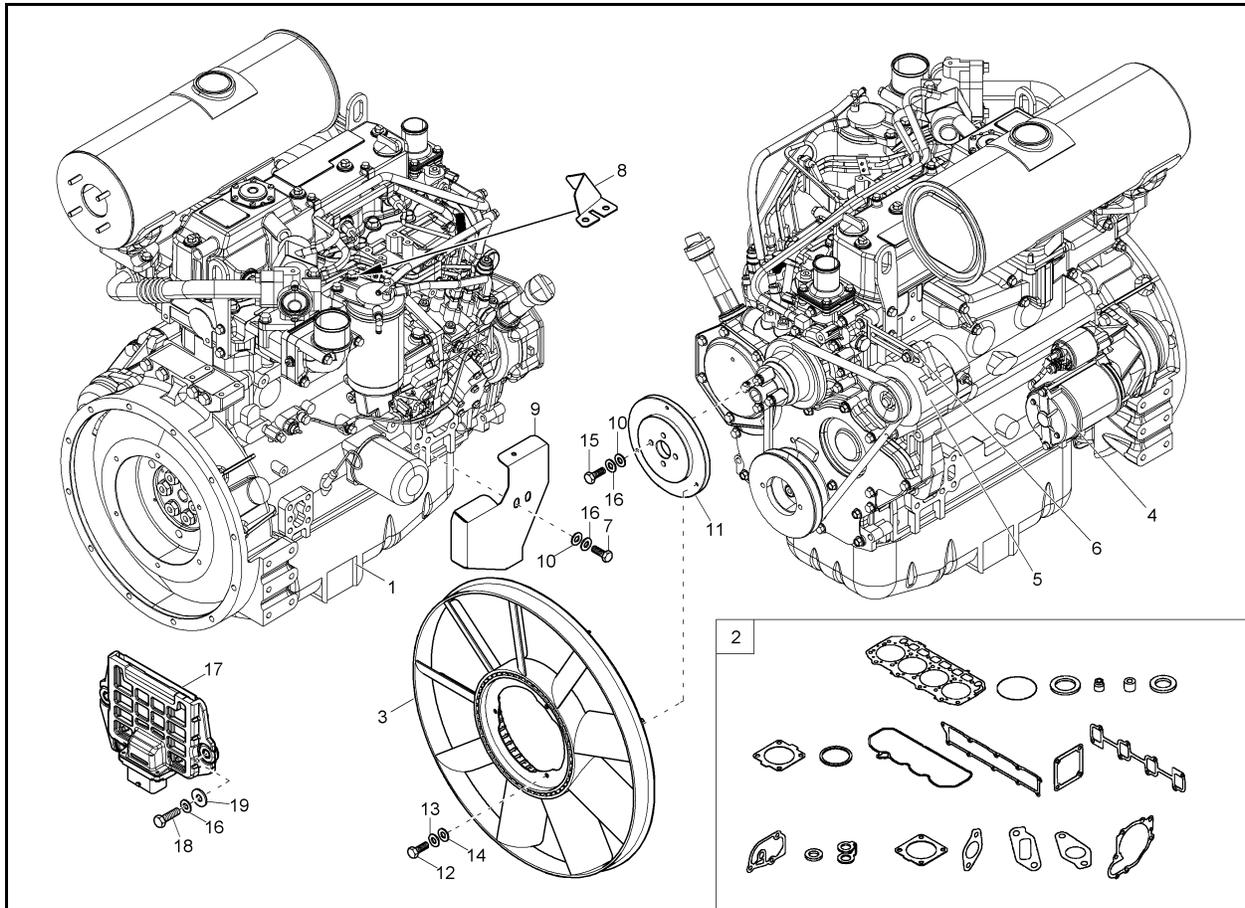
Ref. No.	Part No.	Description	Qty.
1	*	BATTERY	1
2	162735	SCREW	1
3	7462680011	WASHER/GR A 8.4	1
4	651458	LN INS M8-1.25 C8 ZY DIN6924	1
5	160549	SHUT-OFF SWITCH & KEY	1
6	177539	CABLE/LONG POS (+)	1
7	164273	CABLE/GROUND (-)	1

Ref. No.	Part No.	Description	Qty.
8	161994	CAP	2
9	177540	CABLE/SHORT POS (+)	1
10	651424	CS M6-1 X 20 C8.8 ZY DIN931	2
11	161660	WASHER GR A6.4 ZO DIN 125	4
12	651457	LN INS M6-1 C8 ZY DIN6924	2
13	205674	PROTECTING CAP	1

\* Purchase locally; group size 49 (alt. 93), 680 CCA.

# 603 - DIESEL ENGINE

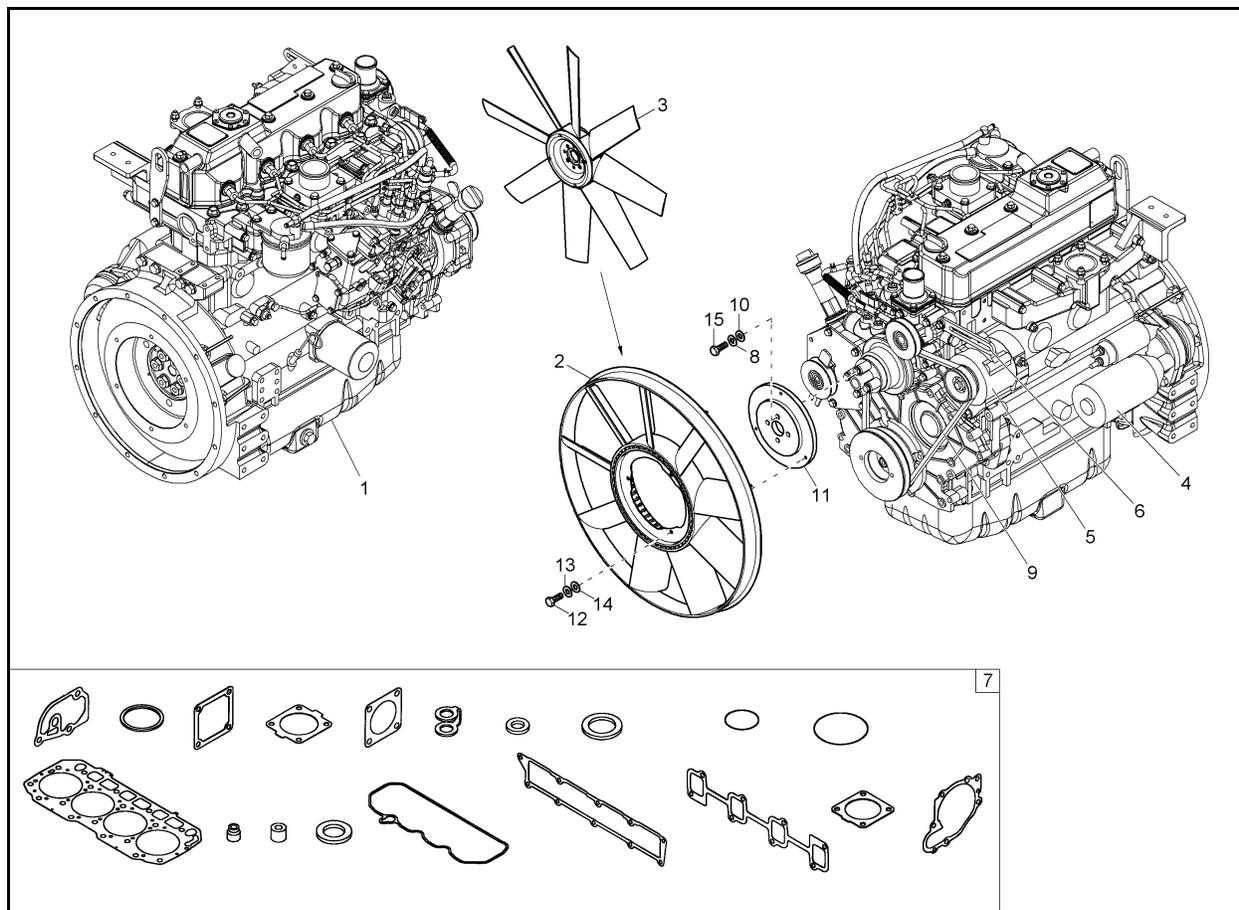
## 1000180364 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.
1	203322	DIESEL ENGINE YANMAR 4TNV98-ZVNS	1
2	203323	SEAL KIT	1
3	205501	RADIATOR FAN	1
4	194316	STARTER	1
5	270984	ALTERNATOR	1
6	204164	CLAMP BAR/ ALTERNATOR ADJUSTING	1
7	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	2
8	203324	BRACKET/FUEL FILTER	1
9	203325	COVER PLATE/OIL FILTER	1
10	163634	WASHER	6

Ref. No.	Part No.	Description	Qty.
11	205502	SPACER	1
12	656149	CS M6-1 X 16 C8.8 ZY DIN931	3
13	161675	LOCKWASHER S6	3
14	161660	WASHER GR A6.4 ZO DIN 125	3
15	179784	SCREW	4
16	163670	LOCKWASHER	9
17	203326	ENGINE CONTROLLER (E-ECU)	1
18	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	3
19	7462680011	WASHER 8.4 ST A2C	3

# 603 - DIESEL ENGINE 1000125867 - (SN AC02513 - AD07207)

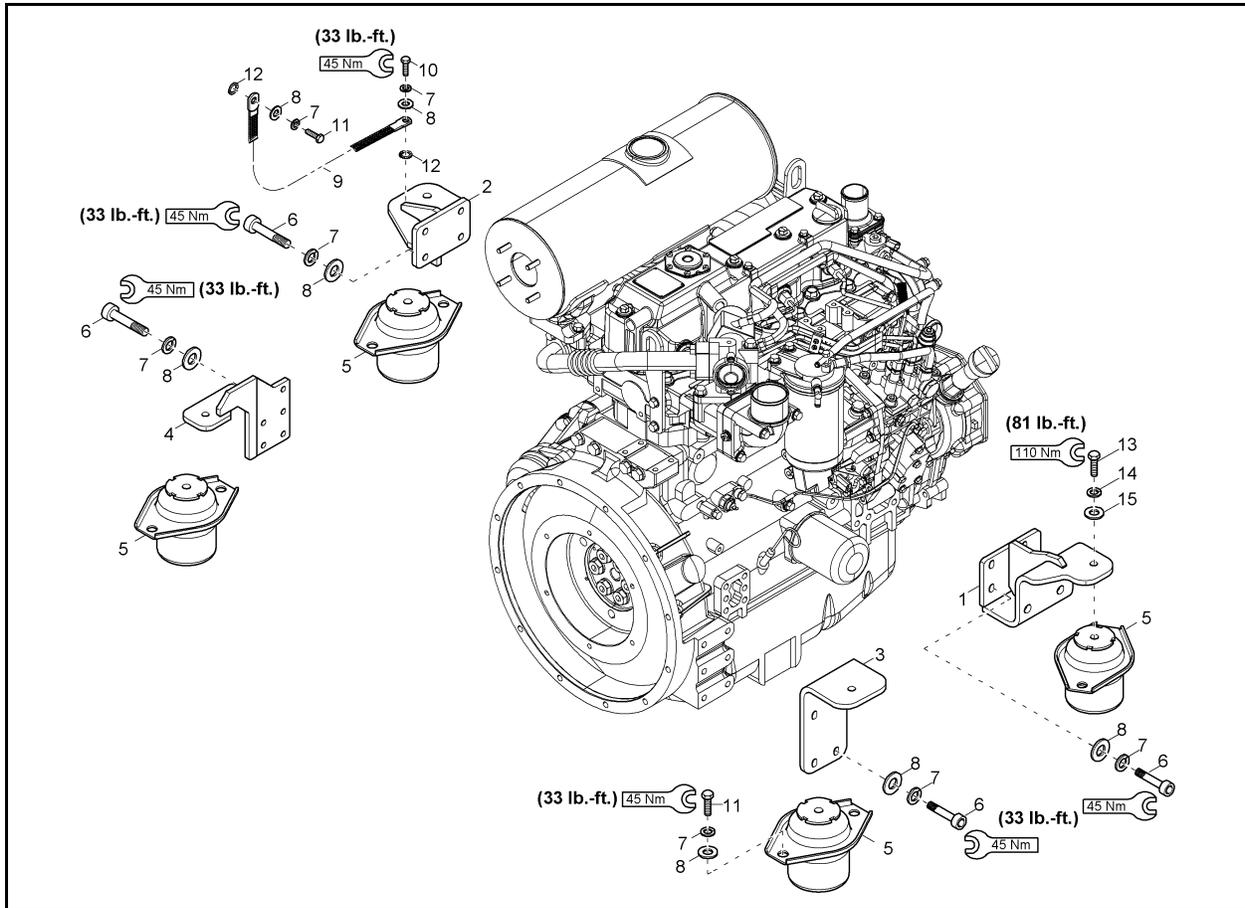


Ref. No.	Part No.	Description	Qty.
1	208222	DIESEL ENGINE YANMAR 4TNV98-VNS	1
2	205501	RADIATOR FAN (SN AD04629 - AD07207)	1
3	205484	RADIATOR FAN (SN AC02513 - AD04628)	1
4	194316	STARTER	1
5	270984	ALTERNATOR	1
6	177560	CLAMP BAR/ALTERNATOR ADJUSTING	1
7	177561	GASKET/SEAL KIT	1

Ref. No.	Part No.	Description	Qty.
8	163670	LOCKWASHER	4
9	177559	V-BELT	1
10	163634	WASHER	4
11	205502	SPACER (SN AD04629 - AD07207)	1
12	656149	CS M6-1 X 16 C8.8 ZY DIN931	3
13	161675	LOCKWASHER S6	3
14	161660	WASHER GR A6.4 ZO DIN125	3
15	179784	SCREW	4

# 603 - ENGINE MOUNTS

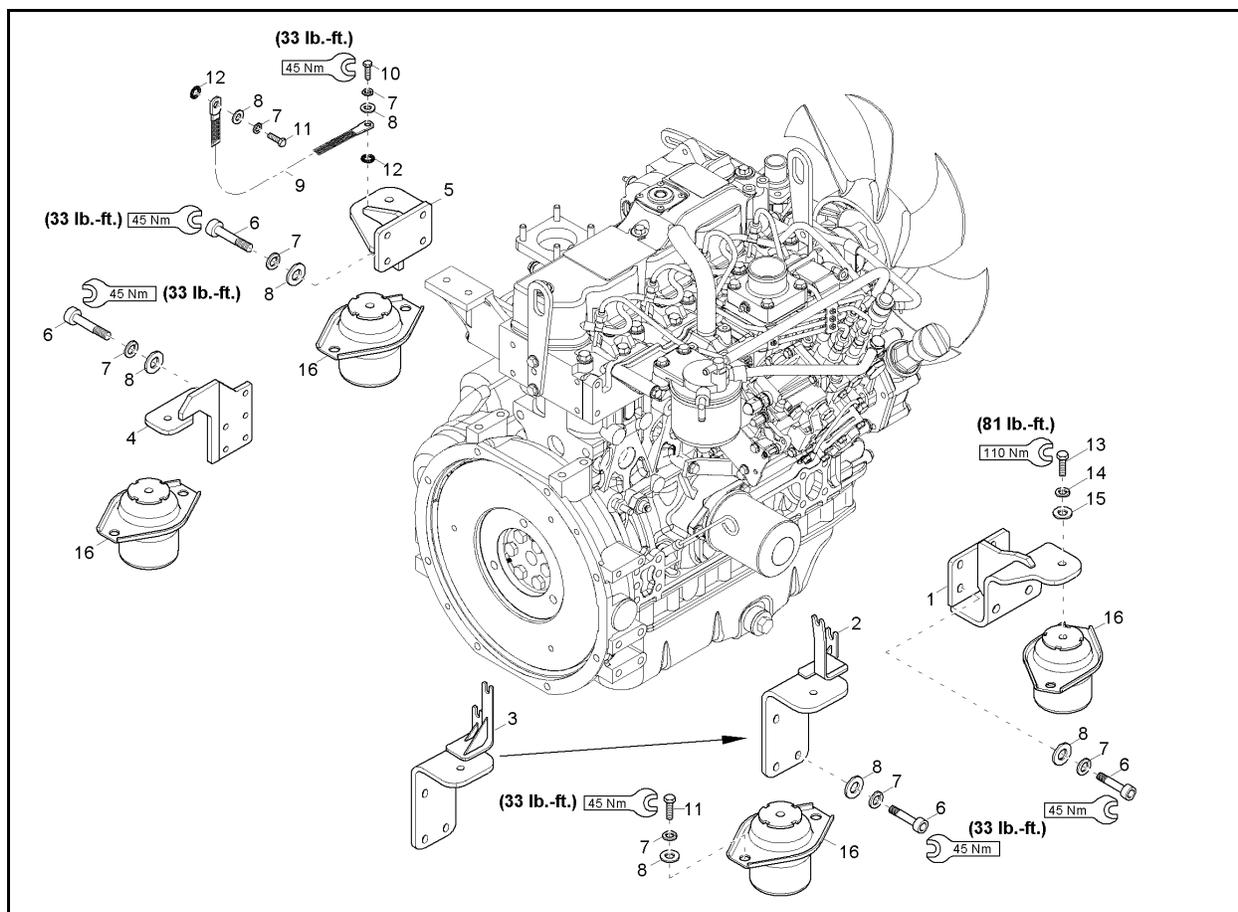
## 1000180684 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177482	ENGINE MOUNT/FRONT	1	9	165224	GROUND CABLE	1
2	177530	ENGINE MOUNT/FRONT	1	10	656090	CS M10-1.5 X 16 C8.8 ZY DIN931	1
3	204155	ENGINE MOUNT/REAR	1	11	656006	CS M10-1.5 X 20 C8.8 ZY	9
4	177529	ENGINE MOUNT/REAR	1	12	177460	SERRATED WASHER	2
5	178834	MOTOR MOUNT	4	13	651406	CS M12-1.75 X 35 C10.9 ZY DIN931	4
6	651473	SHCS M10-1.25 X 25 F8.8 ZY DIN912	16	14	163651	WASHER	4
7	161669	LOCKWASHER S10	26	15	161645	WASHER/GR A 13 DIN7349	4
8	161640	WASHER/GR A 10.5	26				

# 603 - ENGINE MOUNTS

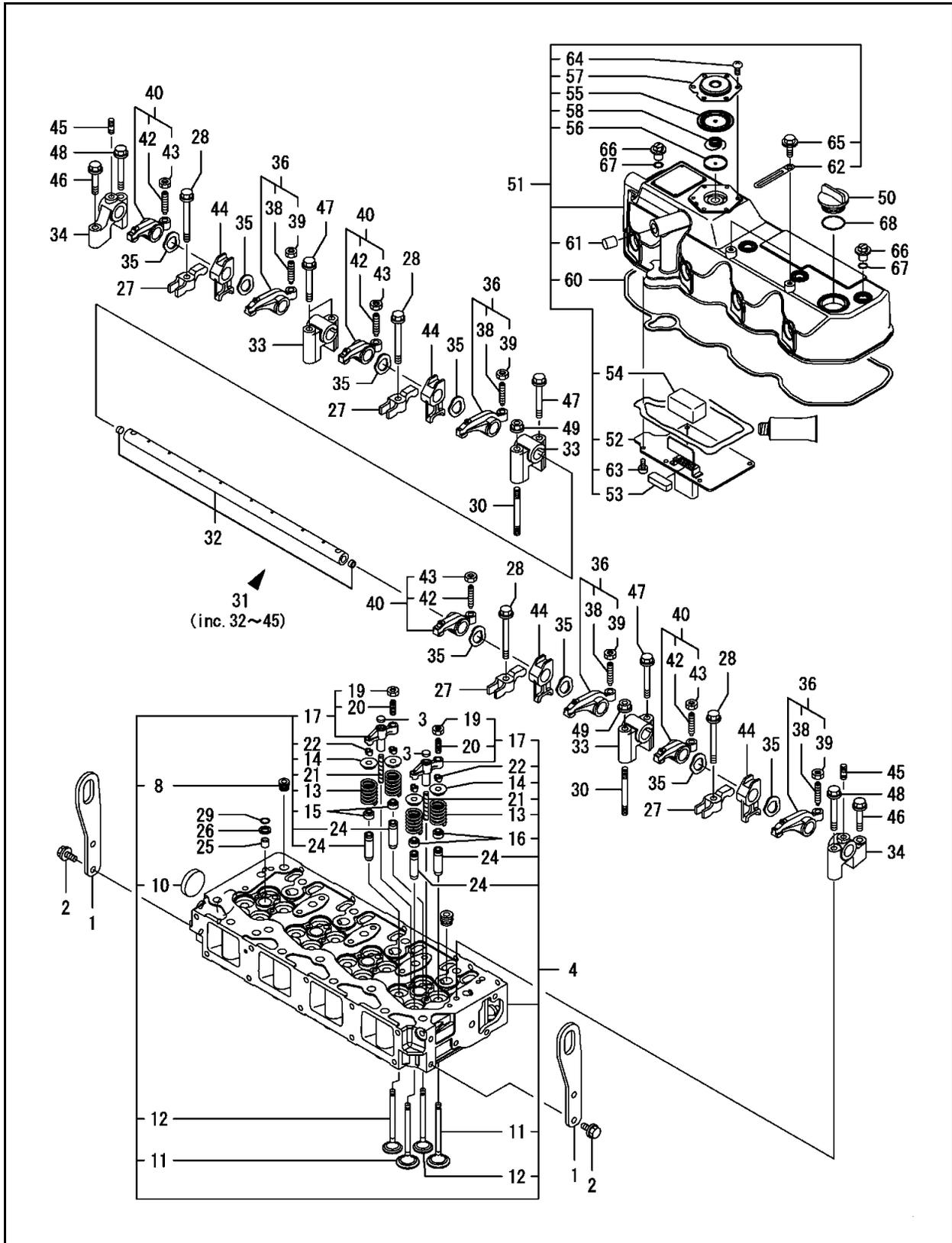
## 1000125868 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177482	ENGINE MOUNT/FRONT	1	9	165224	GROUND CABLE	1
2	205506	ENGINE MOUNT/REAR (SN AD04634 - AD07207)	1	10	656090	CS M10-1.5 X 16 C8.8 ZY DIN931	1
3	177483	ENGINE MOUNT/REAR (SN AC02513 - AD04633)	1	11	656006	CS M10-1.5 X 20 C8.8 ZY	9
4	177529	ENGINE MOUNT/REAR	1	12	177460	SERRATED WASHER	2
5	177530	ENGINE MOUNT/FRONT	1	13	651406	CS M12-1.75 X 35 C10.9 ZY DIN931	4
6	651473	SHCS M10-1.2 X 25 F8.8 ZY DIN912	16	14	163651	WASHER	9
7	161669	LOCKWASHER S10	26	15	161645	WASHER/GR A 13 DIN7349	4
8	161640	WASHER/GR A 10.5	26	16	178834	MOTOR MOUNT	4

# 603 - CYLINDER HEAD & VALVE COVER

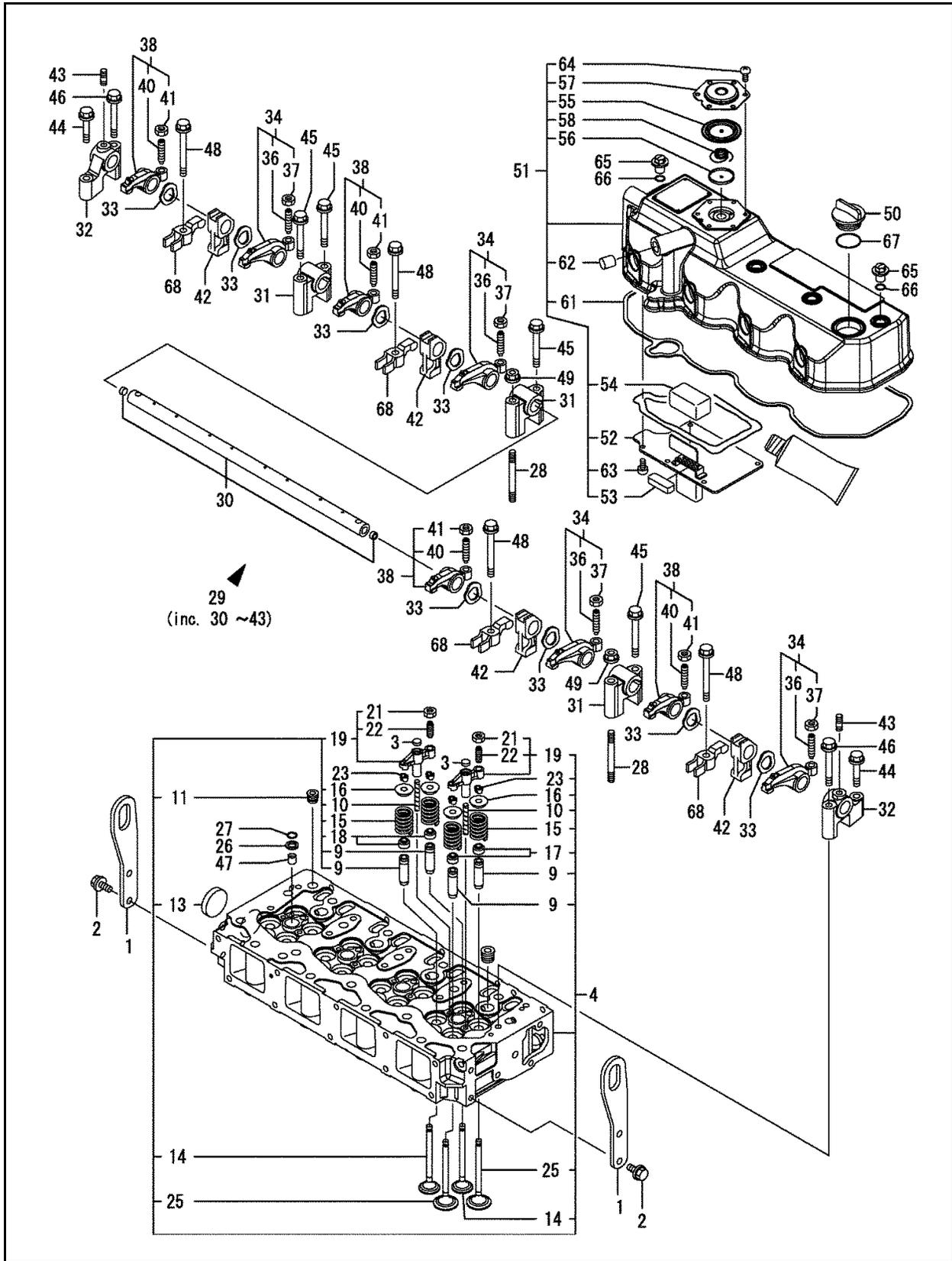
1000185033 - (SN AH00645 AND UP)



## 603 - CYLINDER HEAD & VALVE COVER 1000185033 - (SN AH00645 AND UP)

Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186519	LIFTER, ENGINE	2	38	188596	SCREW, VALVE	4
2	425-34733	BOLT M 8X 16 PLATED	4	39	425-34791	NUT M8XP1.0	4
3	186406	VALVE CAP	8	40	186531	ARM ASSY, ROCKER	4
4	197622	CYLINDER HEAD	1	42	188596	SCREW, VALVE	4
8	186602	PLUG PT1/4,SCREW	1	43	425-34791	NUT M8XP1.0	4
10	425-34779	PLUG	1	44	186535	PEDESTAL,RETAINER	4
11	186520	VALVE	8	45	186624	STUD M 8X 22 PLATED	2
12	186521	EXHAUST VALVE	8	46	188742	BOLT M 8X 40 PLATED	2
13	186522	SPRING	16	47	425-34838	BOLT M 8X 60 PLATED	4
14	425-35188	SPACER	16	48	425-34838	BOLT M 8X 60 PLATED	2
15	197472	VALVE SHAFT SEAL	8	49	138140	NUT	2
16	425-35191	SEAL	8	50	425-34740	FILLER CAP	1
17	186529	VALVE BRIDGE	8	51	197621	VALVE CORNER	1
19	425-34791	NUT M8XP1.0	8	52	197601	BAFFLE PLATE	1
20	186411	SCREW, VALVE BRIDGE	8	53	197602	BAFFLE	1
21	186410	VALVE	8	54	186518	BAFFLE	1
22	425-35189	VALVE WEDGE	16	55	186388	DIAPHRAGM	1
24	186533	VALVE	16	56	186389	CENTER PLATE	1
25	186337	SHIELD	4	57	186390	PLATE,BREATHER	1
26	425-34796	SEAL RING	4	58	186391	SPRING	1
27	186534	RETAINER,F.I.VALVE	4	60	197698	VALVE COVER SEAL	1
28	197603	FLANGE BOLT/RETAINER	4	61	186335	PLUG	1
29	425-34776	O-RING	4	62	197779	CLAMP PLATE	2
30	186314	BOLT 8X80	2	63	186598	SCREW 5X10,TAPPING	6
31	186528	SHAFT ASSY	1	64	186598	SCREW 5X10,TAPPING	6
32	186523	SHAFT,ROCKER ARM	1	65	186615	BOLT M 6X 12 PLATED	2
33	186524	SUPPORT A	3	66	425-34775	HEADNUT	4
34	186525	SUPPORT B	2	67	425-34776	O-RING	4
35	186401	WAVE WASHER	8	68	425-34745	O-RING	1
36	186530	ARM ASSY, ROCKER	4				

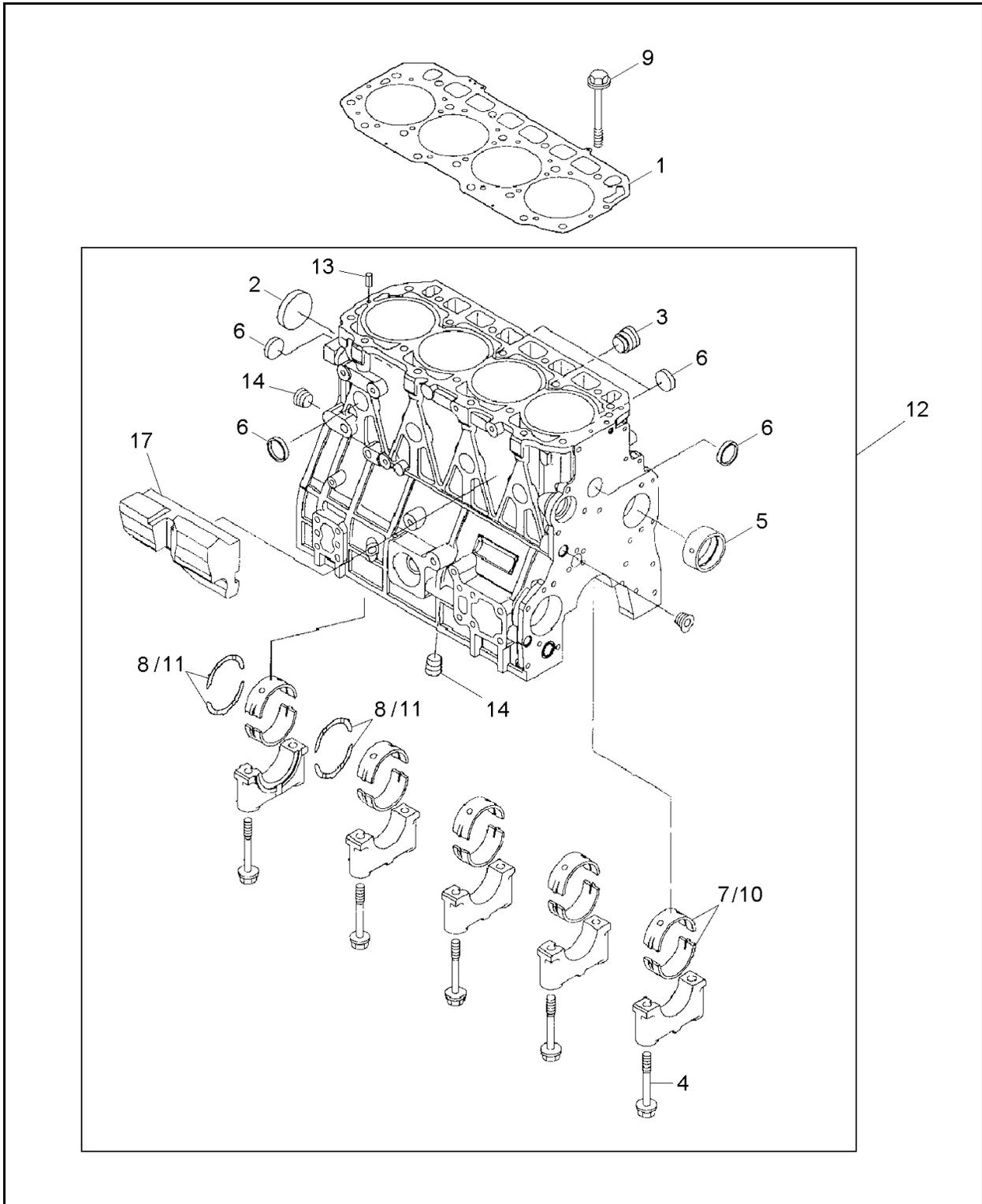
**603 - CYLINDER HEAD & VALVE COVER**  
**1000125777 - (SN AC02513 - AD07207)**



## 603 - CYLINDER HEAD & VALVE COVER 1000125777 - (SN AC02513 - AD07207)

Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186519	LIFTER/ENGINE	4	38	186531	ROCKER ARM ASSY	4
2	425-34733	BOLT M8 X 16 PLATED	8	40	188596	SCREW, VALVE	4
3	186406	VALVE CAP	8	41	425-34791	NUT M8 X P-1.0	4
4	186532	CYLINDER HEAD ASSY	1	42	186535	PEDESTAL RETAINER	4
9	186533	VALVE GUIDE	16	43	186624	STUD M 8X 22 PLATED	2
10	186410	GUIDE/VALVE BRIDGE	8	44	188742	BOLT M8 X 40 PLATED	2
11	186602	PLUG 1/4	1	45	425-34838	BOLT M8 X 60 PLATED	4
13	425-34779	PLUG	1	46	425-34838	BOLT M8 X 60 PLATED	2
14	186521	EXHAUST VALVE	8	47	186337	NOZZLE PROTECTOR	4
15	186522	VALVE SPRING	16	48	197603	FLANGE BOLT/RETAINER	4
16	425-35188	SPACER	16	49	138140	NUT	2
17	425-35191	SEAL	8	50	425-34740	FILLER CAP	1
18	425-35190	SEAL, VALVE STEM	8	51	186527	VALVE COVER	1
19	186529	VALVE BRIDGE ASSY	8	52	186516	BAFFLE PLATE	1
21	425-34791	NUT M8 X P-1.0	8	53	186517	BAFFLE	1
22	186411	VALVE BRIDGE SCREW	8	54	186518	BAFFLE	1
23	425-35189	RETAINER	16	55	186388	DIAPHRAGM BREATHER	1
25	186520	INTAKE VALVE	8	56	186389	CENTER PLATE	1
26	425-34796	SEAL RING	4	57	186390	PLATE/BREATHER	1
27	425-34776	O-RING	4	58	186391	SPRING/DIAPHRAGM	1
28	186314	BOLT 8X80	2	61	186526	VALVE COVER GASKET	1
29	186528	SHAFT ASSY	1	62	186335	PLUG	1
30	186523	SHAFT ROCKER ARM	1	63	186598	SCREW 5 X 10 TAPPING	6
31	186524	SUPPORT A	3	64	186598	SCREW 5 X 10 TAPPING	6
32	186525	SUPPORT B	2	65	425-34775	KNOB	4
33	186401	WAVE WASHER	8	66	425-34776	O-RING	4
34	186530	ROCKER ARM ASSY	4	67	425-34745	O-RING	1
36	188596	SCREW, VALVE	4	68	186534	RETAINER,F.I.VALVE	4
37	425-34791	NUT M8 X P-1.0	4				

**603 - CYLINDER BLOCK**  
**1000125800**

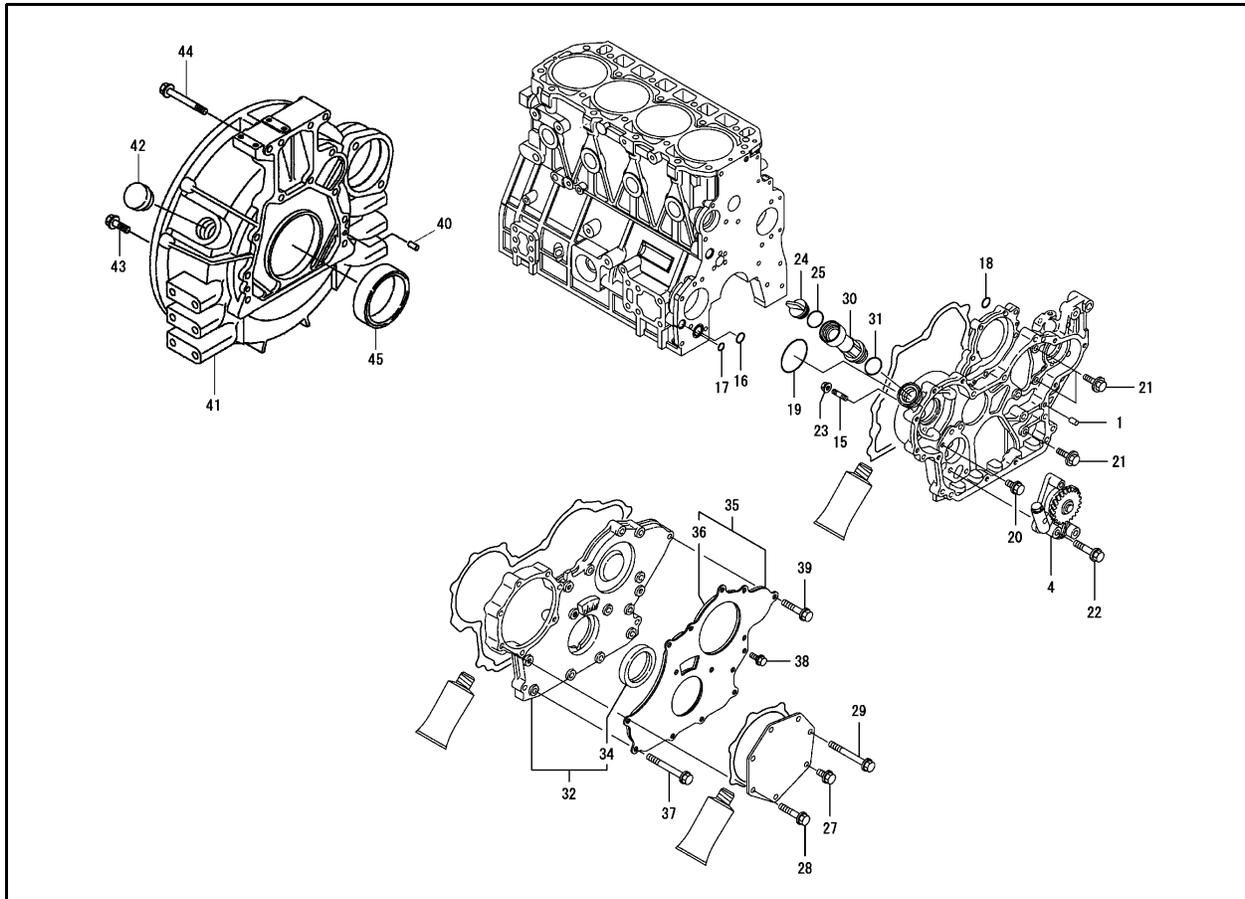


**603 - CYLINDER BLOCK**  
**1000125800**

Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186513	CYLINDER HEAD GASKET	1	10	197591	MAIN BEARING SET (US=0.25)	5
2	186486	PLUG	1	11	197592	AXIAL BEARING (OS=0.25)	2
3	425-34722	PLUG	1	12	197827	BLOCK ASSY/CYLINDER (SN AH00645 and up)	1
4	186491	SCREW	10		186637	BLOCK ASSY/CYLINDER (SN AC02513 - AD07207)	1
5	186493	BUSHING	1	13	425-34783	SPRING PIN 6 X 12	2
6	425-34726	PLUG	8	17	186512	SPACER (SN AC02513 - AD07207)	1
7	186635	MAIN BEARING SET	5				
8	186494	AXIAL BEARING	2				
9	186485	SCREW	18				

# 603 - SEAL, CRANKSHAFT

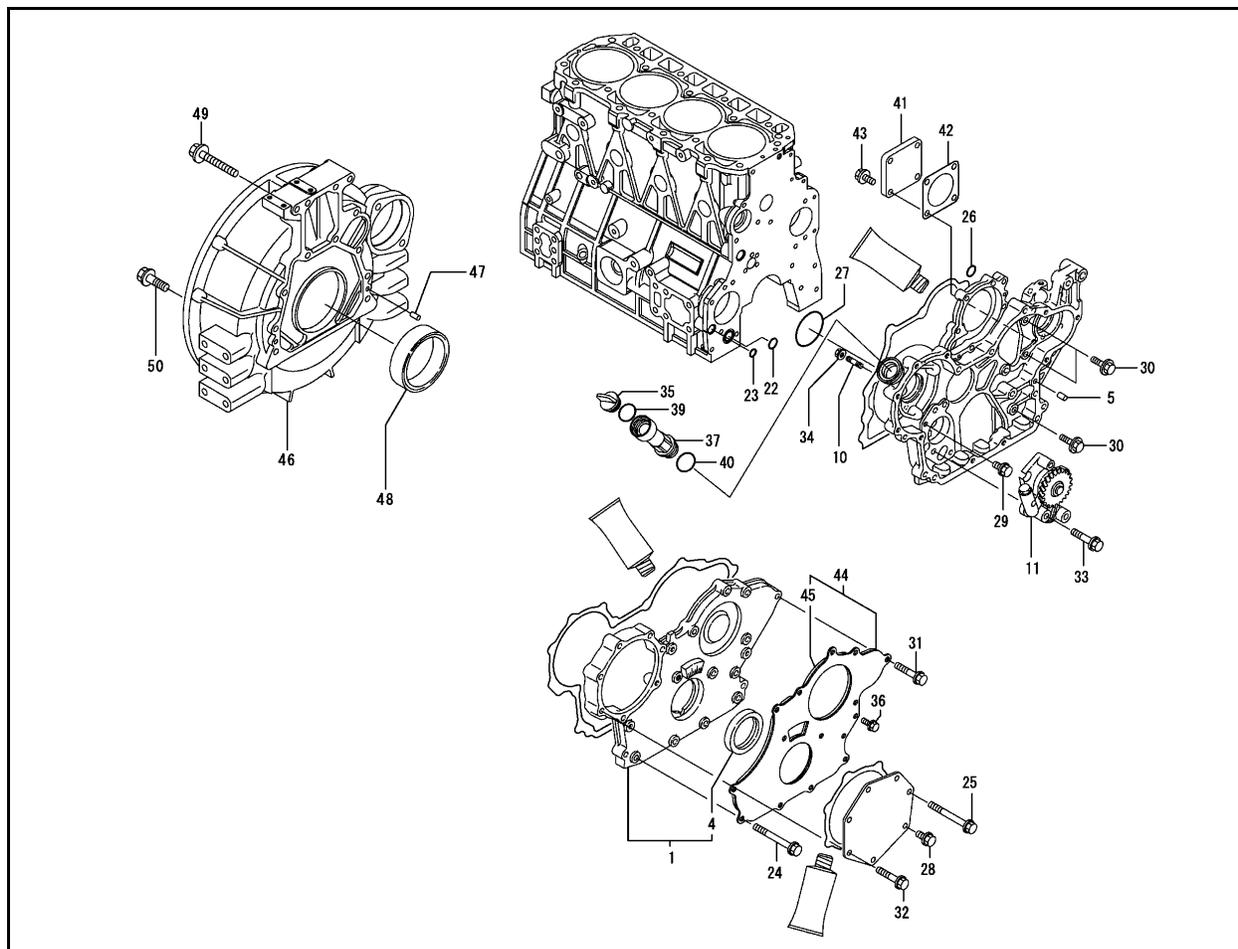
## 1000185034 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	188573	PARALLEL PIN 8X16	4	30	137949	FILLER PIPE	1
3	425-34756	RUBBER PLUG	1	31	425-34745	O-RING	2
4	186543	OIL PUMP	1	32	197826	GEARBOX	1
15	138139	STUD BOLT	4	34	186664	FRONT CRANKSHAFT SEAL	1
16	138100	O-RING	1	35	186489	COVER ASSY	1
17	138101	O-RING	1	36	186490	SPONGE	1
18	186607	O-RING	1	37	186466	BOLT M 8X 70 PLATED	6
19	186612	O-RING	1	38	425-34733	BOLT M 8X 16 PLATED	3
20	425-34733	BOLT M 8X 16 PLATED	1	39	188742	BOLT M 8X 40 PLATED	5
21	425-34746	BOLT M 8X 20 PLATED	3	40	188573	PARALLEL PIN 8X16	2
22	425-34747	BOLT M 8X 45 PLATED	3	41	208160	FLYWHEEL HOUSING	1
23	188752	NUT	4	42	425-34756	CAP, FLYWHEEL COVER	1
24	425-34740	FILLER CAP	1	43	186622	BOLT M10X 35 PLATED	9
25	425-34745	O-RING	2	44	186623	BOLT M10X 70 PLATED	4
27	425-34746	BOLT M 8X 20 PLATED	1	45	197620	REAR CRANKSHAFT SEAL	1
28	425-34747	BOLT M 8X 45 PLATED	5				
29	186616	BOLT M 8X 75 PLATED	1				

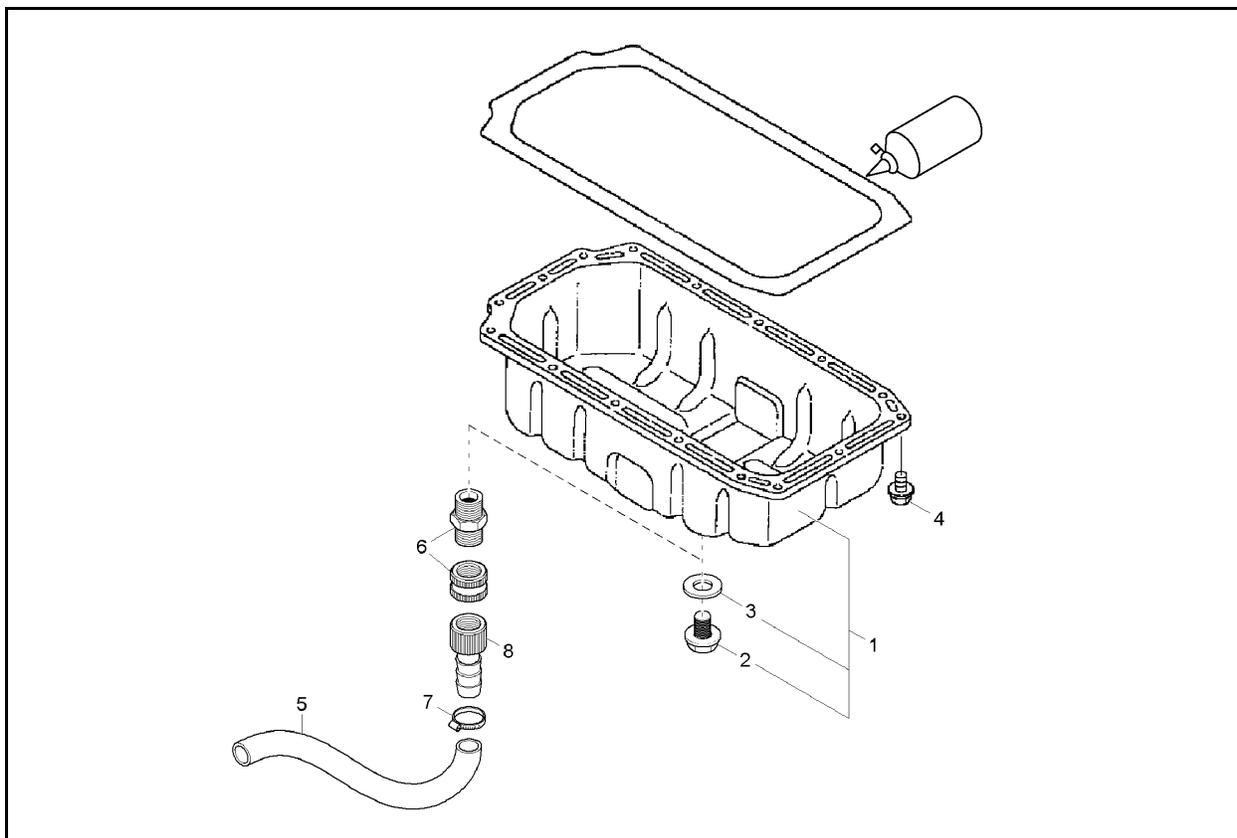
# 603 - SEAL, CRANKSHAFT

## 1000125873 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186636	HOUSING ASSY COVER	1	34	188752	NUT	4
4	186664	SEAL/OIL	1	35	425-34740	FILLER CAP	1
5	188573	PARALLEL PIN 8 X 16	4	36	425-34733	BOLT M8 X 16 PLATED	3
10	138139	STUD BOLT	4	37	137949	PIPE EXTENSION	1
11	186543	OIL PUMP	1	39	425-34745	O-RING	1
22	138100	O-RING	1	40	425-35652	O-RING	1
23	138101	O-RING	1	41	425-34741	COVER	1
24	186466	BOLT M 8X 70 PLATED	6	42	425-34742	GASKET/INJECTION PUMP	1
25	186466	BOLT M 8X 70 PLATED	1	43	425-34733	BOLT M8 X 16 PLATED	4
26	186607	O-RING	1	44	186489	COVER ASSY	1
27	186612	O-RING	1	45	186490	SPONGE	1
28	425-34733	BOLT M8 X 16 PLATED	1	46	208160	FLYWHEEL HOUSING	1
29	425-34733	BOLT M8 X 16 PLATED	1	47	188573	PARALLEL PIN 8 X 16	2
30	425-34746	BOLT M8 X 20 PLATED	3	48	186460	REAR CRANKSHAFT SEAL	1
31	188742	BOLT M8 X 40 PLATED	5	49	186623	BOLT M10X 70 PLATED	4
32	188742	BOLT M8 X 40 PLATED	5	50	186622	BOLT M10X 35 PLATED	9
33	425-34747	BOLT M8 X 45 PLATED	3				

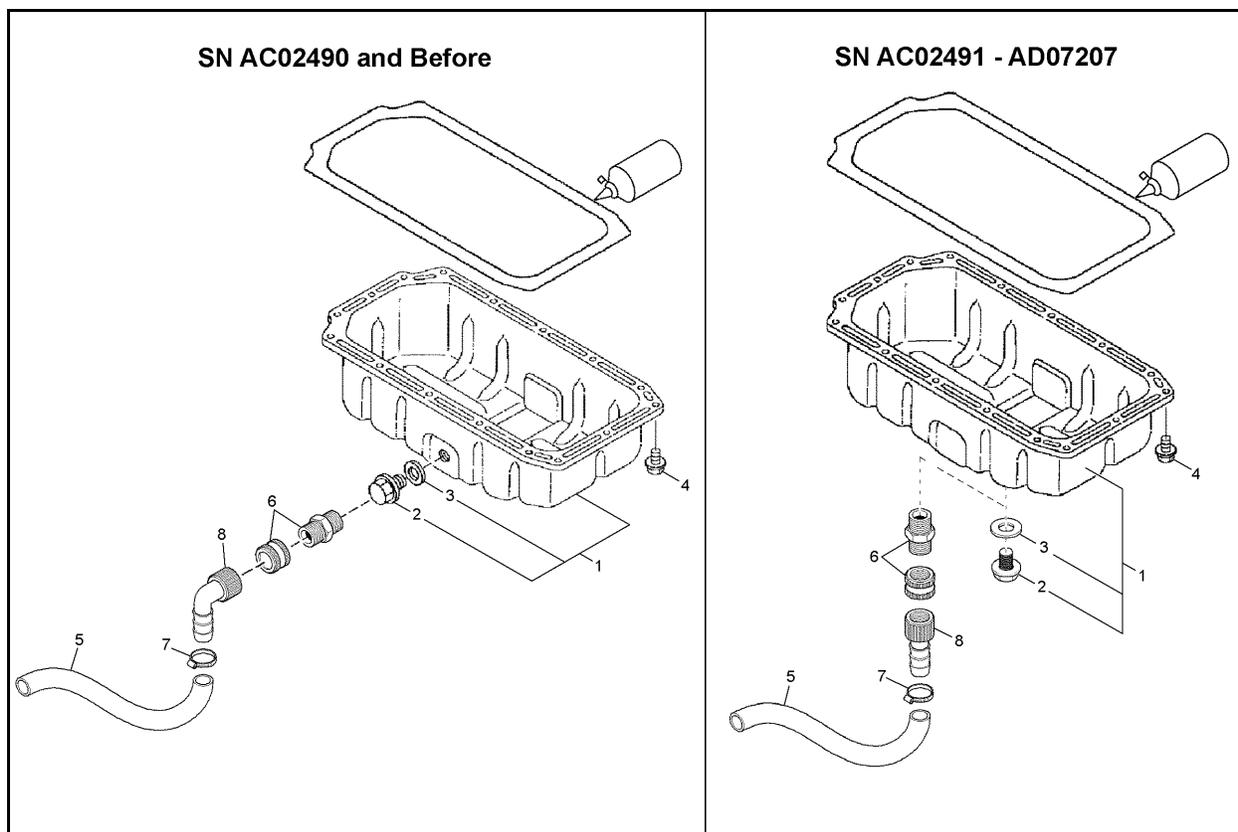
**603 - OIL PAN**  
**1000185035 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203335	OIL PAN ASSY	1	5	207290	FLEXIBLE TUBE (0.5M)	1
2	425-36121	PLUG/DRAIN	1	6	177239	DRAIN COUPLER	1
3	164719	PLUG GASKET	1	7	162064	HOSE CLAMP	1
4	164315	SCREW M8 X 12 PLATED	16	8	0003634062	DRAIN COUPLING	1

# 603 - OIL PAN

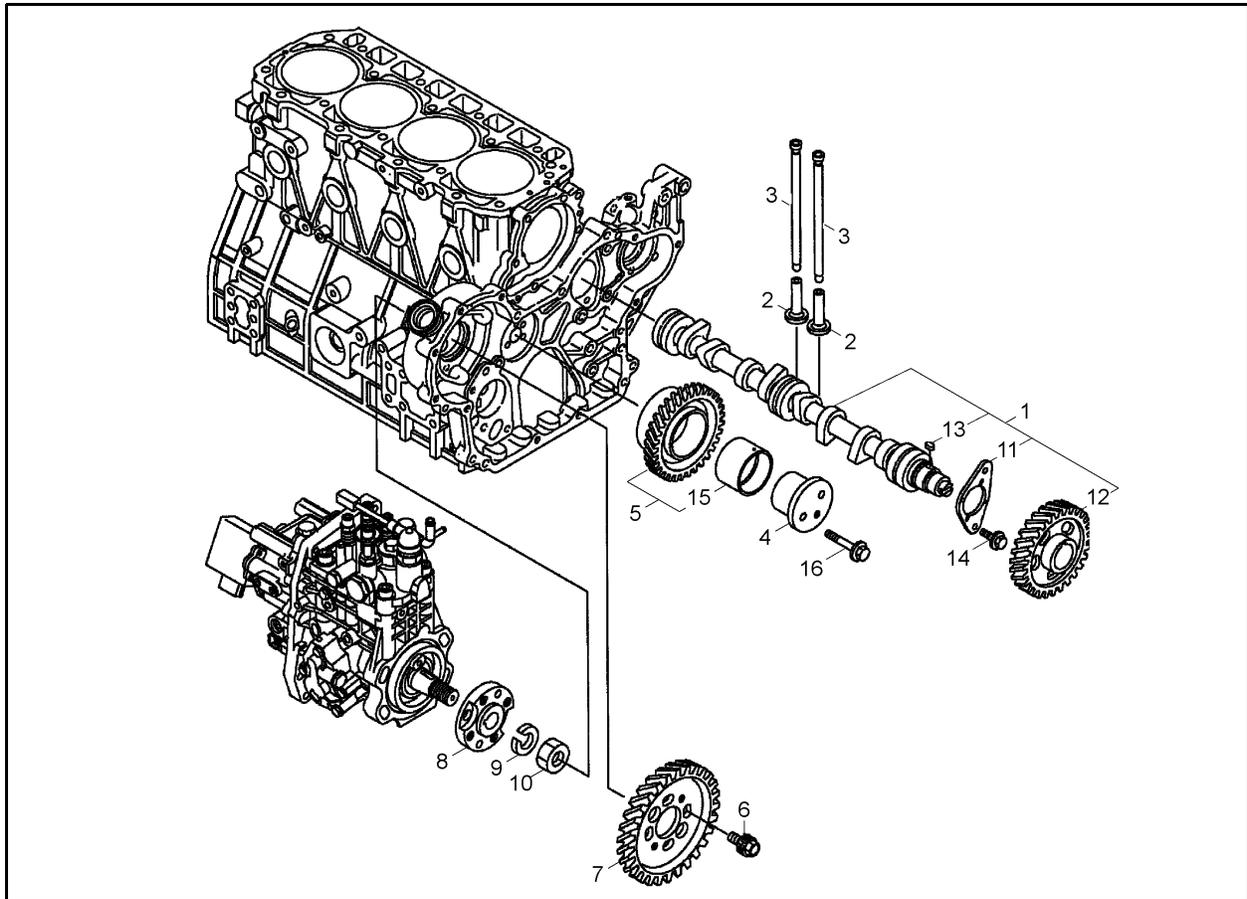
1000128094 - (SN AC02491 - AD07207); 1000125778 - (SN AC02490 AND BEFORE)



Ref. No.	Part No.	Description	Qty.
1	177034	OIL PAN ASSY (SN AC02491 - AD07207)	1
	425-36120	OIL PAN ASSY (SN AC02490 AND BEFORE)	1
2	425-36121	PLUG/DRAIN	1
3	138113	SEAL WASHER	1
4	425-34729	BOLT M8 X 12 PLATED	16

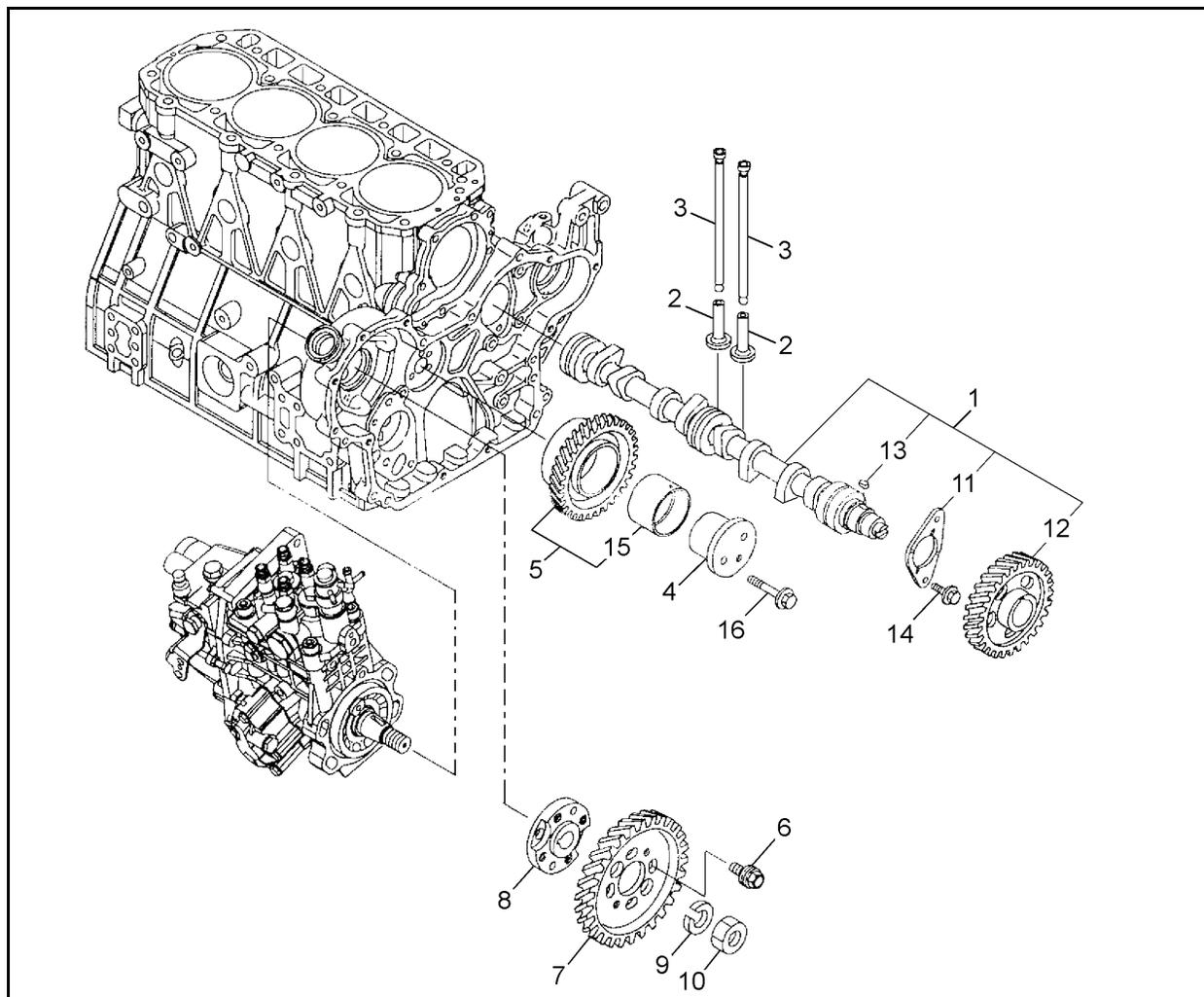
Ref. No.	Part No.	Description	Qty.
5	207290	FLEXIBLE TUBE (0.5M)	1
6	177239	DRAIN COUPLER	1
7	162064	HOSE CLAMP	1
8	0003634062	DRAIN COUPLING (SN AC02491 - AD07207)	1
	177267	DRAIN COUPLING (SN AC02490 AND BEFORE)	1

**603 - CAMSHAFT**  
**1000185036 - (SN AH00645 AND UP)**



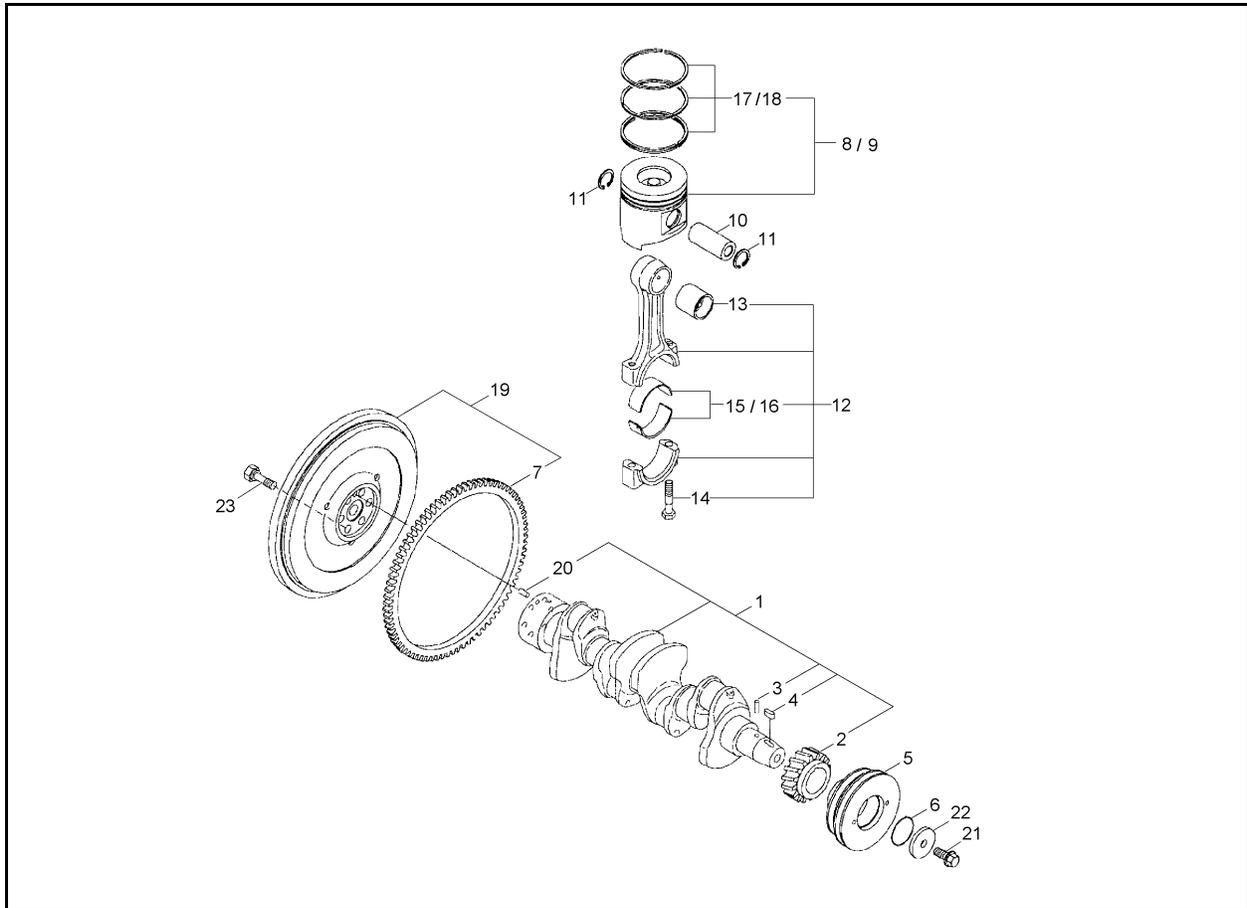
Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	197610	CAMSHAFT	1	9	186596	SPRING RING	1
2	425-34808	LIFTER	8	10	186626	NUT	1
3	186539	PUSH ROD	8	11	425-34656	METAL,THRUST	1
4	138020	BRACKET	1	12	138097	GEAR, CAMSHAFT	1
5	197597	GEAR	1	13	425-34810	KEY 7X 14	1
6	186579	SCREW	4	14	425-34733	BOLT M 8X 16 PLATED	2
7	197605	GEAR	1	15	425-34813	BUSHING, IDLE GEAR	1
8	186590	FLANGE	1	16	425-34748	BOLT M 8X 55 PLATED	3

**603 - CAMSHAFT**  
**1000125801 - (SN AC02513 - AD07207)**



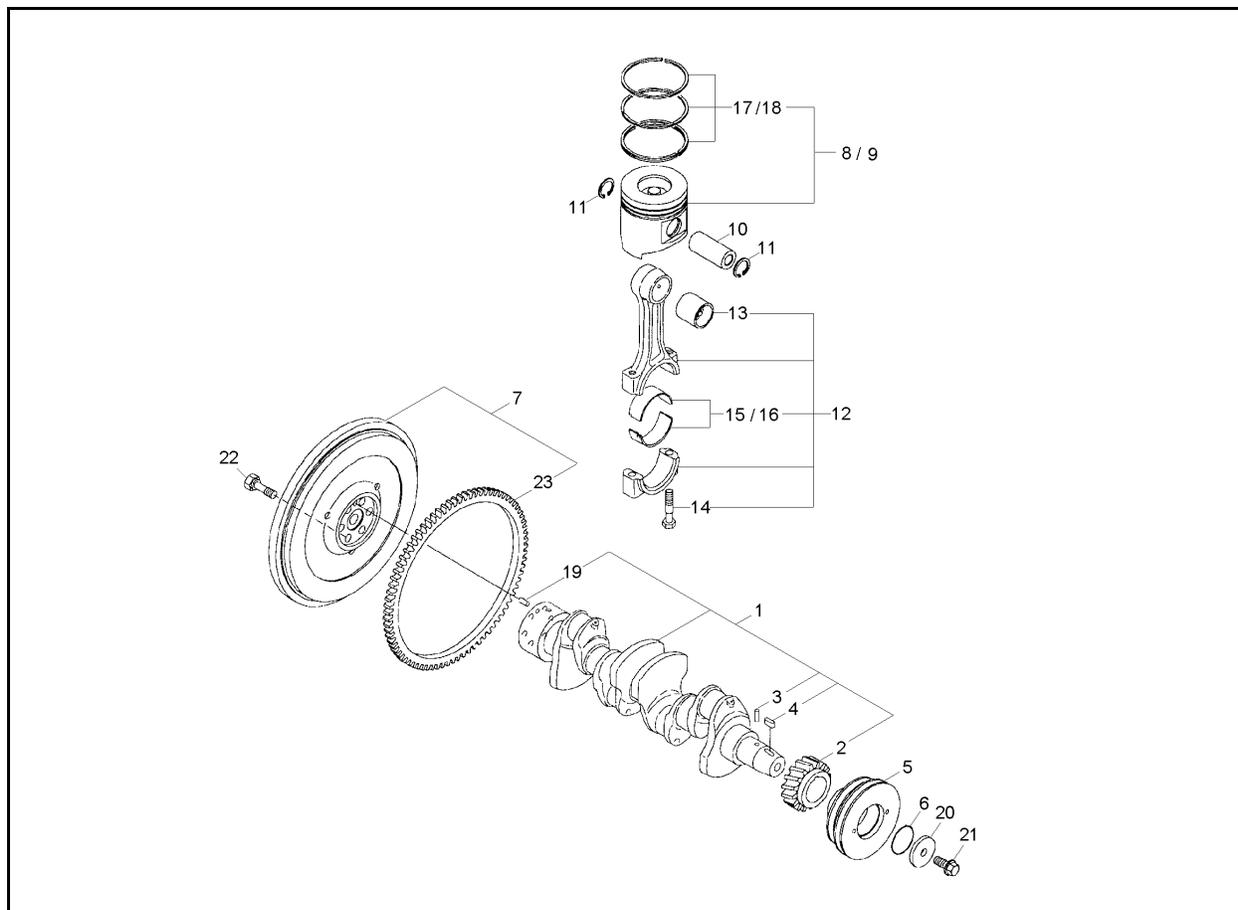
Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	208151	CAMSHAFT	1	9	186596	SPRING WASHER	1
2	425-34808	LIFTER	8	10	186626	NUT M18 LOCK	1
3	186539	PUSH ROD	8	11	425-34656	CAMSHAFT BEARING	1
4	138020	IDLE GEAR SHAFT	1	12	138097	GEAR/CAMSHAFT	1
5	197597	IDLE GEAR ASSY	1	13	425-34810	KEY 7X14	1
6	186579	BOLT	4	14	425-34733	BOLT M8 X 16 PLATED	2
7	186419	GEAR	1	15	425-34813	BUSHING/IDLE GEAR	1
8	186590	FLANGE	1	16	425-34748	BOLT M8 X 55 PLATED	3

# 603 - CRANKSHAFT & PISTON 1000185037 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	197598	CRANKSHAFT	1	13	197596	BUSHING	4
2	138098	GEAR	1	14	186501	SCREW	8
3	137957	PIN	1	15	186502	CONNECTING ROD BEARING	4
4	425-34810	FITTING KEY	1	16	197595	BEARING	4
5	186662	BELT PULLEY	1	17	197631	PISTON RING SET	4
6	186611	O-RING	1	18	197829	PISTON RING SET (OS=0.25)	4
7	186499	RING GEAR	1	19	208178	FLYWHEEL ASSY	1
8	197632	PISTON	4	20	137958	PARALLEL PIN 10X22	1
9	197828	PISTON (OS=0.25)	4	21	186663	BOLT/V-PULLEY	1
10	186343	PIN	4	22	186585	WASHER	1
11	197783	LOCK RING	8	23	137956	BOLT, FLYWHEEL	6
12	197594	CONNECTING ROD	4				

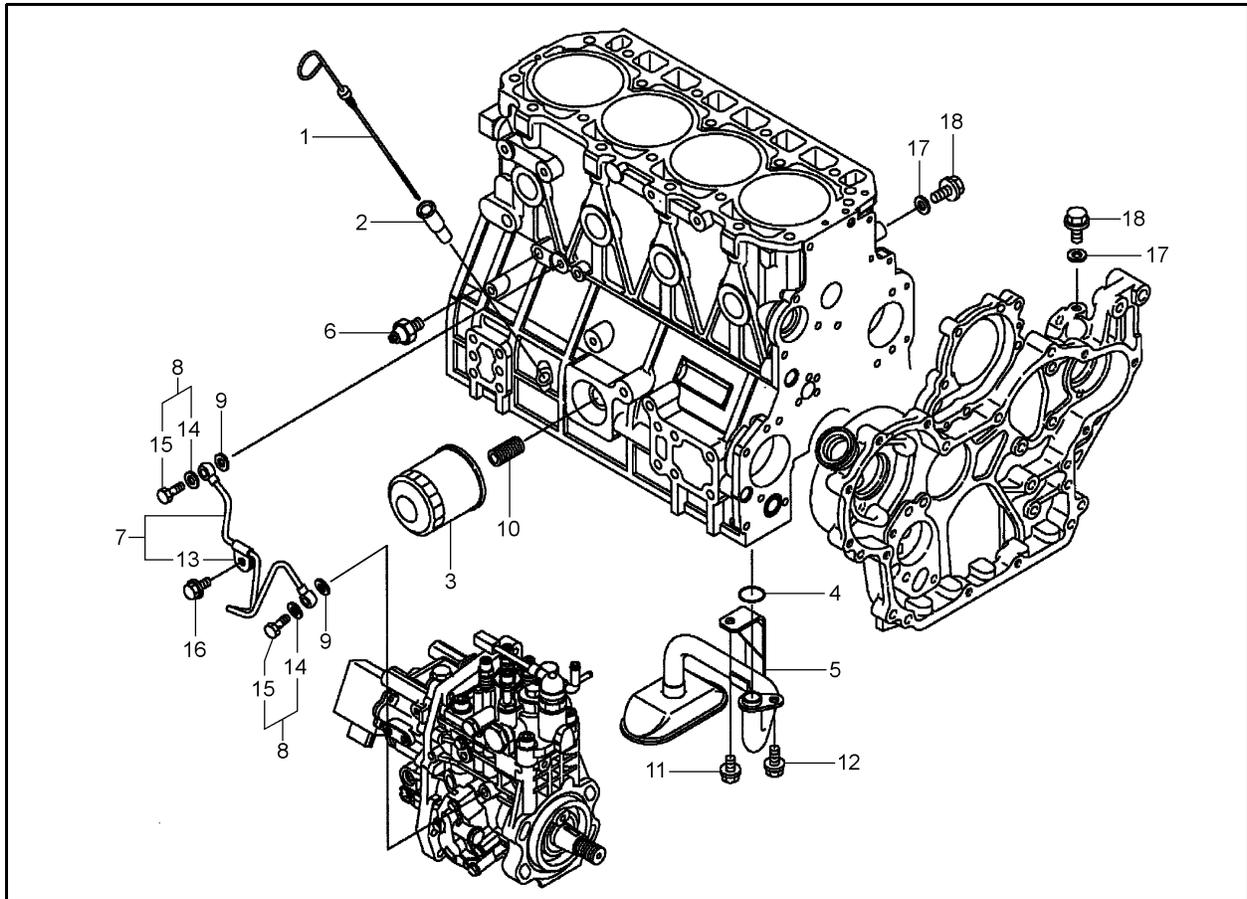
**603 - CRANKSHAFT & PISTON**  
**1000125884 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	197598	CRANKSHAFT	1	13	186504	BUSHING	4
2	138098	GEAR	1	14	186501	BOLT	8
3	137957	PIN	1	15	186502	CONNECTING ROD BEARING	4
4	425-34810	KEY 7X14	1	16	186503	BEARING (US=0.25)	4
5	186662	BELT PULLEY	1	17	186541	PISTON RING SET	4
6	186611	O-RING	1	18	186639	PISTON RING SET (OS=0.25)	4
7	208178	FLYWHEEL ASSY	1	19	137958	PARALLEL PIN 10X22	1
8	186542	PISTON W/RING	4	20	186585	WASHER	1
9	186638	PISTON W/RING (OS=0.25)	4	21	186663	BOLT/V-PULLEY	1
10	186343	PIN/PISTON	4	22	137956	BOLT/FLYWHEEL	6
11	197783	LOCK RING	8	23	186499	RING GEAR	1
12	186500	CONNECTING ROD	4				

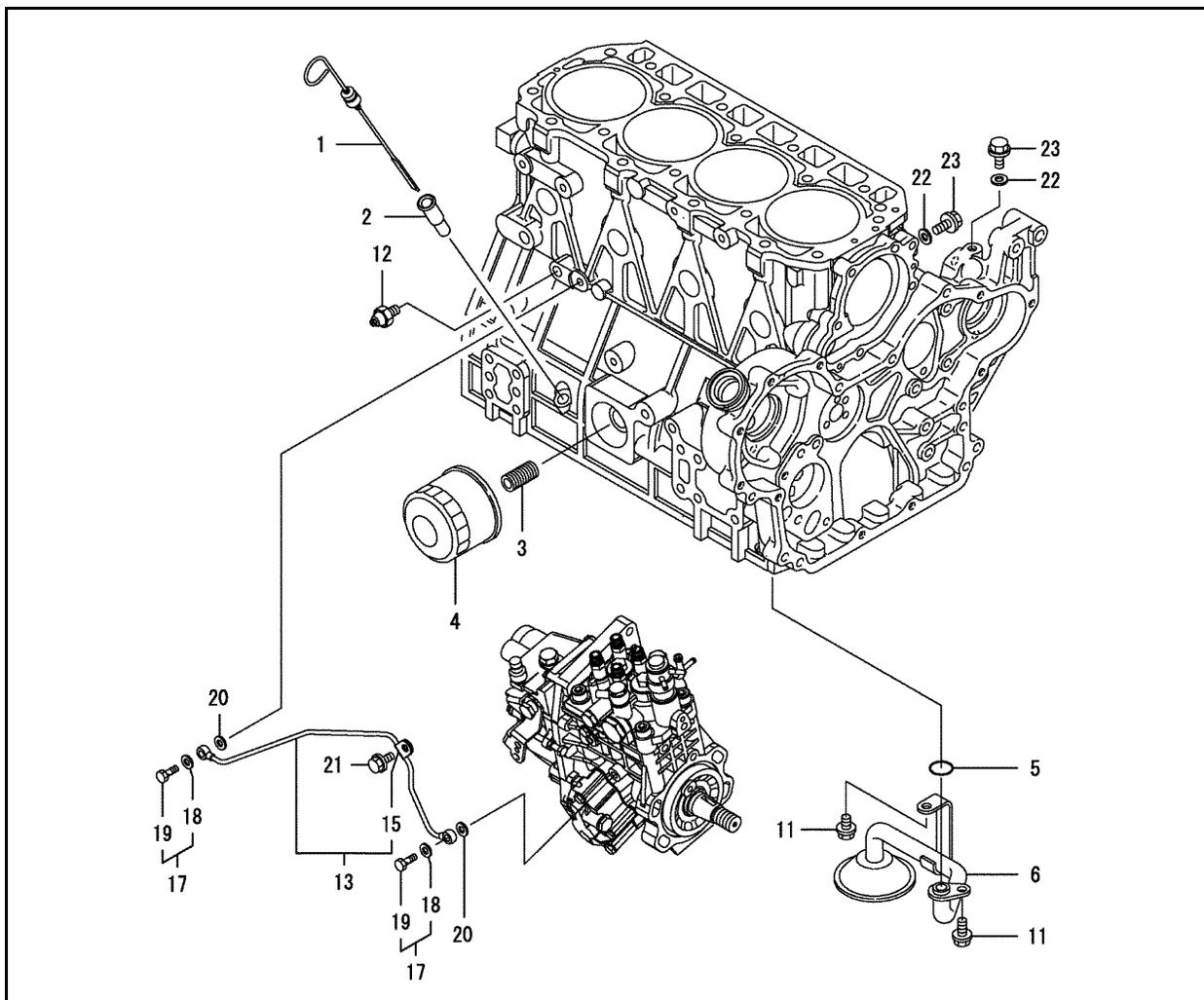
# 603 - LUBRICATION

## 1000185038 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	203342	OIL DIPSTICK	1	10	186302	SCREW JOINT	1
2	176148	DIPSTICK TUBE	1	11	425-34729	BOLT M 8X 12 PLATED	1
3	179122	ENGINE OIL FILTER	1	12	425-34733	BOLT M 8X 16 PLATED	1
4	138100	O-RING	1	13	186421	SUPPORT PIPE	1
5	197743	TUBE	1	14	425-34750	SEAL WASHER	2
6	425-36085	SENDER/OIL PRESSURE	1	15	186600	JOINT BOLT	2
7	197633	PIPE LINE	1	16	425-34729	BOLT M 8X 12 PLATED	1
8	186468	BANJO BOLT	2	17	425-34750	SEAL WASHER	2
9	425-34750	SEAL RING	2	18	425-34729	BOLT M 8X 12 PLATED	2

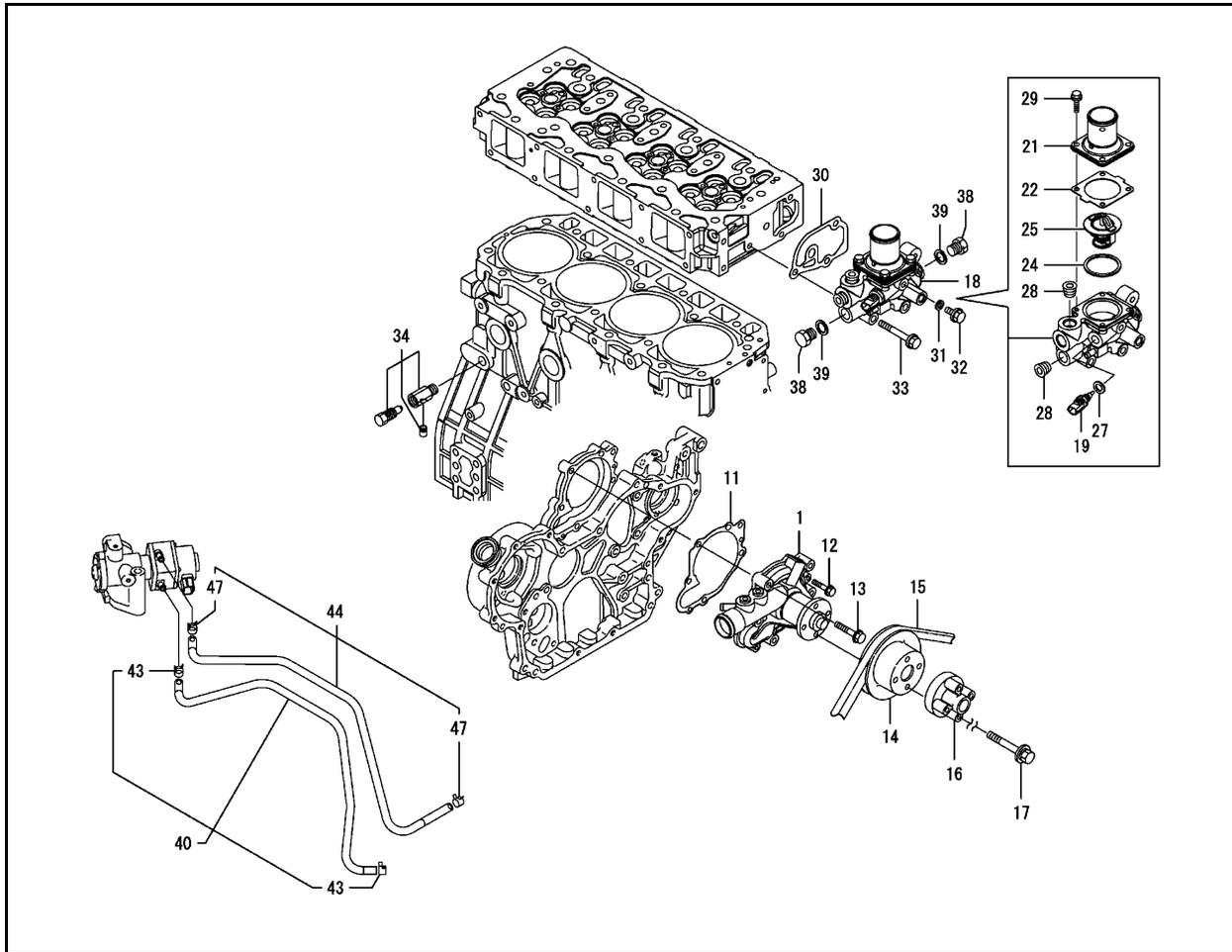
**603 - LUBRICATION**  
**1000125792 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	177230	OIL DIP STICK	1	15	186421	SUPPORT PIPE	1
2	176148	DIPSTICK TUBE	1	17	186468	BOLT ASSY JOINT	2
3	186302	SCREW JOINT	1	18	425-34750	SEAL WASHER	2
4	179122	ENGINE OIL FILTER	1	19	186600	JOINT BOLT	2
5	138100	O-RING	1	20	425-34750	SEAL WASHER	2
6	186508	OIL SUMP	1	21	425-34729	BOLT M8 X 12 PLATED	1
11	425-34729	BOLT M8 X 12 PLATED	2	22	425-34750	SEAL WASHER	2
12	425-36085	SENDER/OIL PRESSURE	1	23	425-34729	BOLT M8 X 12 PLATED	2
13	177064	PIPE LINE	1				

# 603 - COOLING SYSTEM

## 1000185039 - (SN AH00645 AND UP)

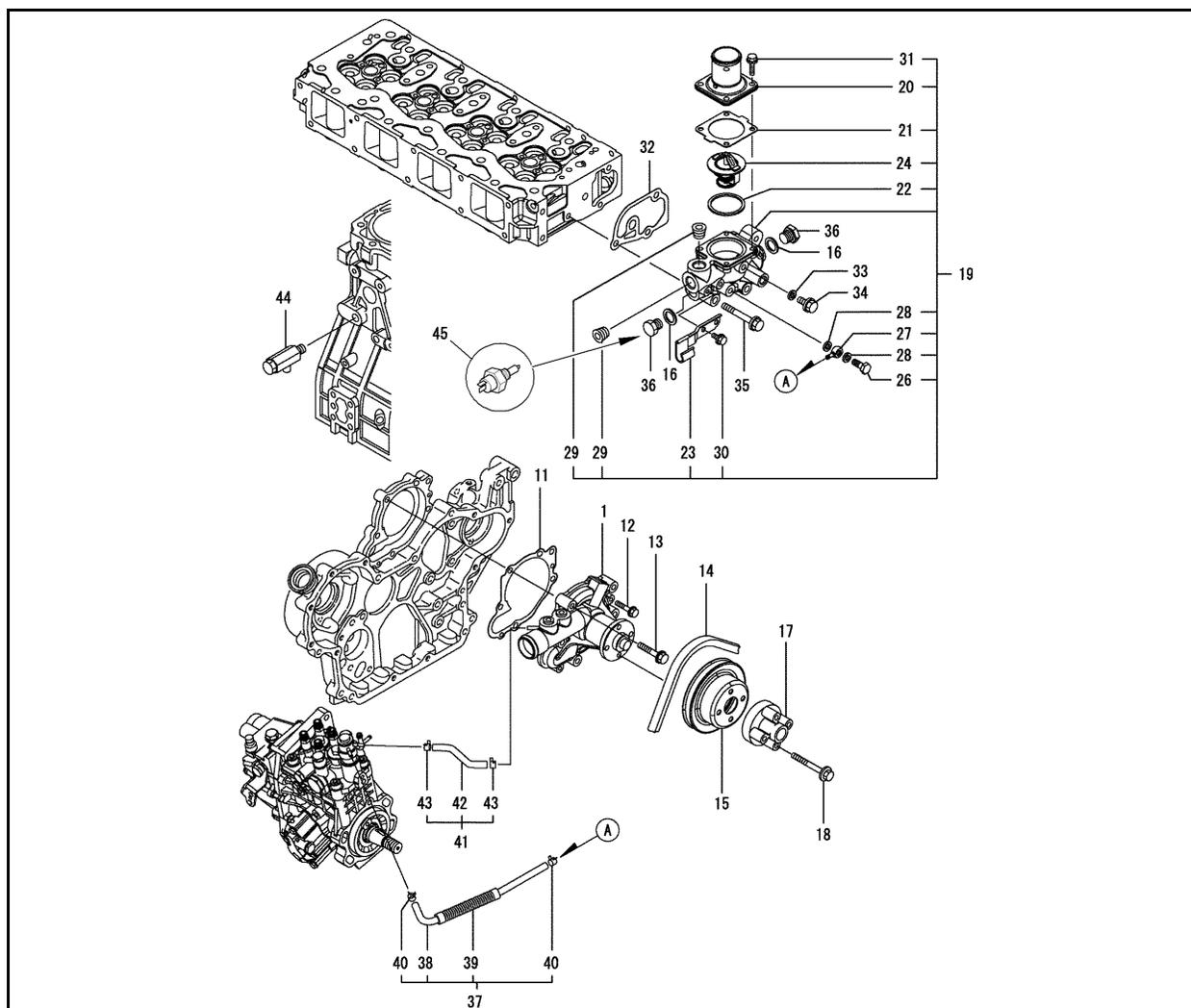


Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	197634	WATER PUMP	1	28	138123	PLUG PT3/8,STEEL	2
11	425-36113	GASKET/WATER PUMP	1	29	188732	BOLT M 6X 20 PLATED	4
12	425-35165	BOLT M 6X 30 PLATED	2	30	425-36319	SEAL/THERMOSTAT CASING	1
13	425-34748	BOLT M 8X 55 PLATED	5	31	425-34727	ENGINE GASKET	1
14	208221	BELT PULLEY	1	32	425-34729	BOLT M 8X 12 PLATED	1
15	203346	V-BELT (FAN)*	1	33	425-34838	BOLT M 8X 60 PLATED	3
16	208210	FAN SPACER	1	34	425-36264	DRAIN VALVE	1
17	425-34748	BOLT M 8X 55 PLATED	4	38	425-34851	PLUG	2
18	197638	THERMOSTAT COMPLETE	1	39	160427	SEAL	2
19	197635	TEMPERATURE SWITCH	1	40	197636	HOSE	1
21	186564	THERMOSTAT HOUSING	1	43	197793	CLAMP	2
22	425-36114	GASKET/THERMOSTAT	1	44	197637	HOSE	1
24	186370	GASKET THERMOSTAT	1	47	197793	CLAMP	2
25	425-36111	THERMOSTAT	1				
27	425-35959	SEALING RING A 16X22	1				

\* For AC compressor belt see page 187.

# 603 - COOLING SYSTEM

## 1000125997 - (SN AC02513 - AD07207)

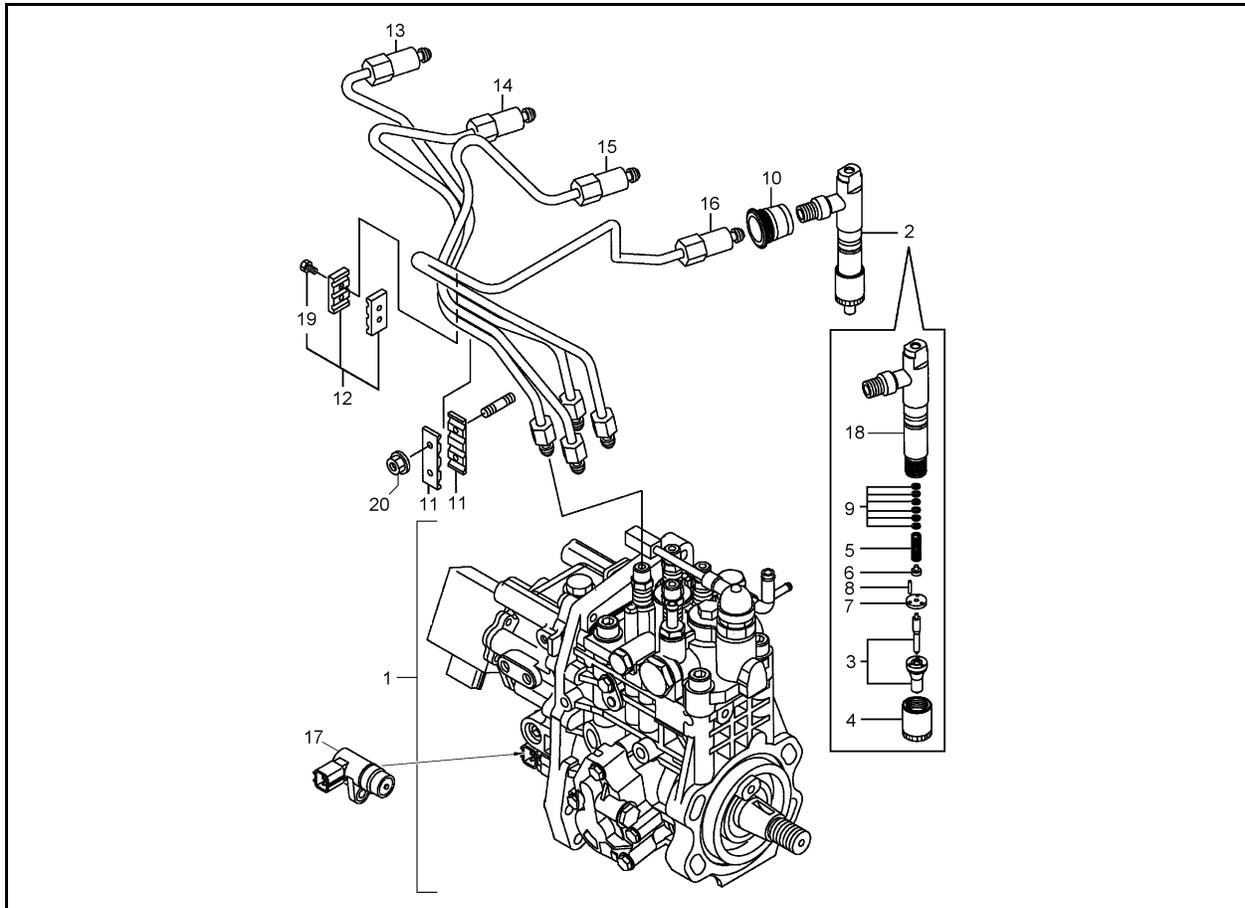


Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186545	WATER PUMP	1	30	186615	BOLT M6 X 12 PLATED	2
11	425-36113	GASKET/WATER PUMP	1	31	188732	BOLT M6 X 20 PLATED	4
12	425-35165	BOLT M6 X 30 PLATED	2	32	425-36319	SEAL/THERMOSTAT CASING	1
13	425-34748	BOLT M8 X 55 PLATED	5	33	425-34727	ENGINE GASKET	1
14	177559	V-BELT (FAN)*	1	34	425-34729	BOLT M8 X 12 PLATED	1
15	208204	BELT PULLEY	1	35	425-34838	BOLT M8 X 60 PLATED	3
16	160427	SEAL	2	36	425-34851	PLUG	2
17	208210	FAN SPACER	1	37	186546	HOSE	1
18	425-34748	BOLT M8 X 55 PLATED	4	38	186548	WATER PIPE	1
19	208205	THERMOSTAT COMPLETE	1	39	186551	PROTECTOR/PIPE	1
20	186564	THERMOSTAT COVER	1	40	186464	CLAMP	2
21	425-36114	GASKET/THERMOSTAT	1	41	186547	HOSE	1
22	186370	GASKET THERMOSTAT	1	42	186549	WATER PIPE	1
23	186550	INJECTION PIPE ASSY	1	43	186464	CLAMP	2
24	425-36111	THERMOSTAT	1	44	425-36264	DRAIN VALVE	1
26	425-35334	PIPE JOINT BOLT	1	45	208209	TEMPERATURE SENSOR	1
27	186599	JOINT 4- 8	1				
28	425-34727	ENGINE GASKET	2				
29	138123	STEEL PLUG PT3/8	2				

\* For AC compressor belt see page 188.

# 603 - FUEL INJECTION SYSTEM

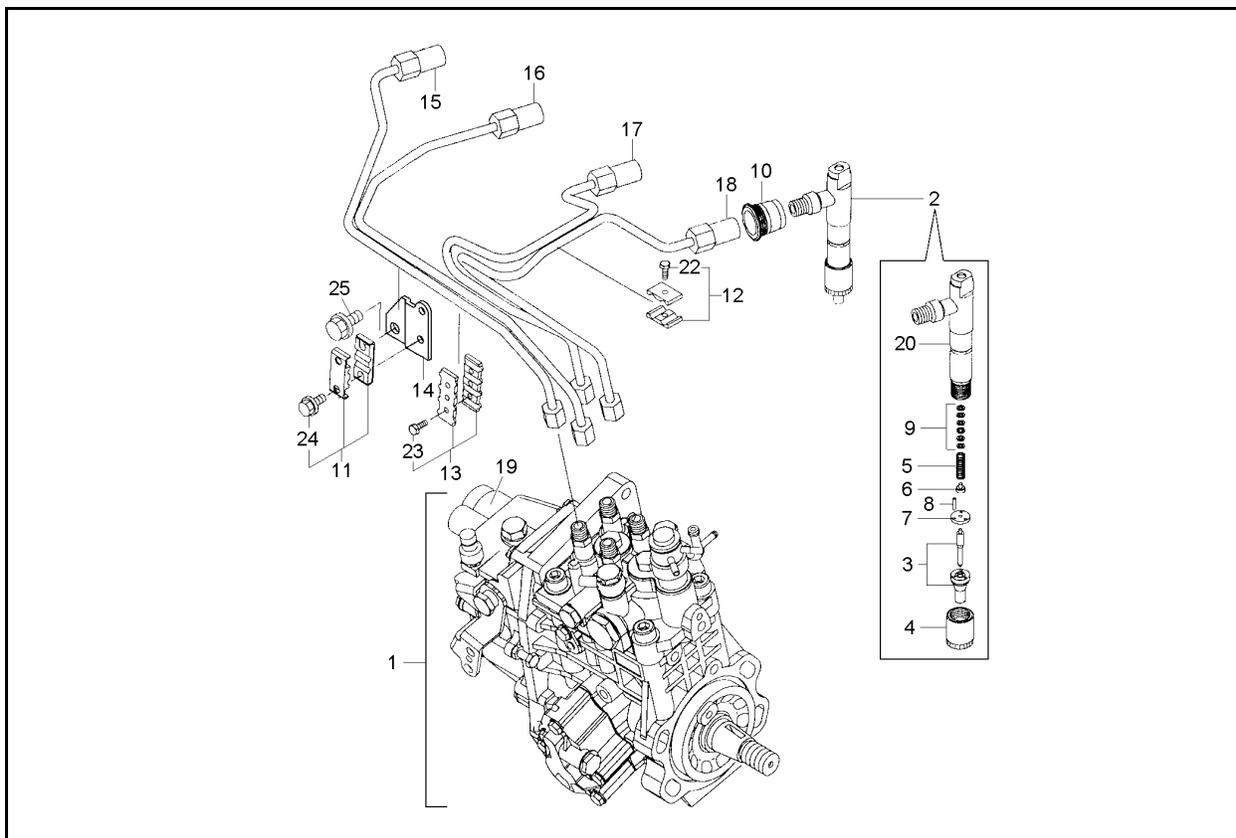
## 1000185040 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	203352	INJECTION PUMP	1	11	137962	CLAMP	2
2	203441	INJECTIONS NOZZLE	4	12	425-35452	CLAMP	1
3	203353	NOZZLE	4	13	197648	PIPE LINE	1
4	425-34903	NUT	4	14	197649	PIPE LINE	1
5	425-34666	SPRING - NOZZLE	4	15	197650	PIPE LINE	1
6	425-34905	SEAT- NOZZLE SPRING	4	16	197651	PIPE LINE	1
7	425-34906	PLATE - STOP	4	17	197767	SENSOR	1
8	188447	PIN	8	18	197646	HOLDER ASSY, NOZZLE	4
9	188448	ADJUSTING WASHER	AR	19	186473	BOLT M4X14,HEX.SCKT.	2
10	186407	RUBBER SLEEVE	4	20	425-34781	NUT M 6	2

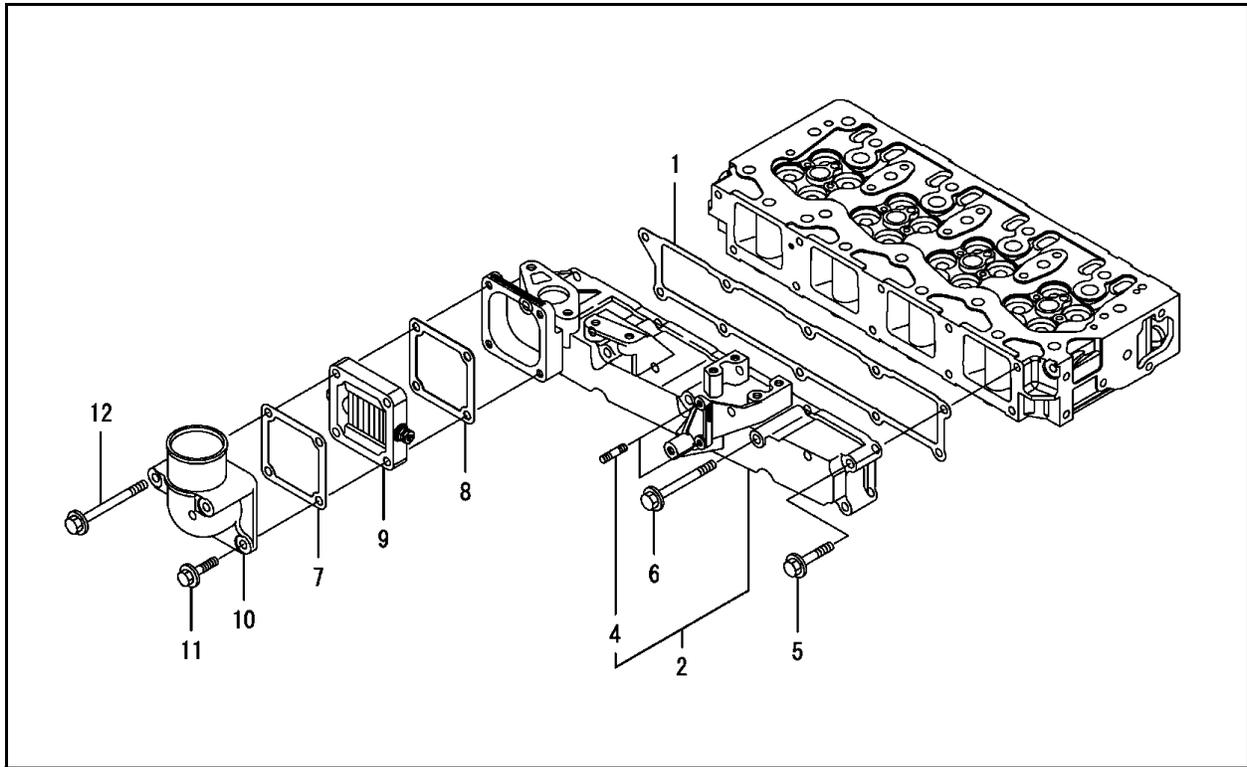
# 603 - FUEL INJECTION SYSTEM

## 1000125886 - (SN AC02513 - AD07207)



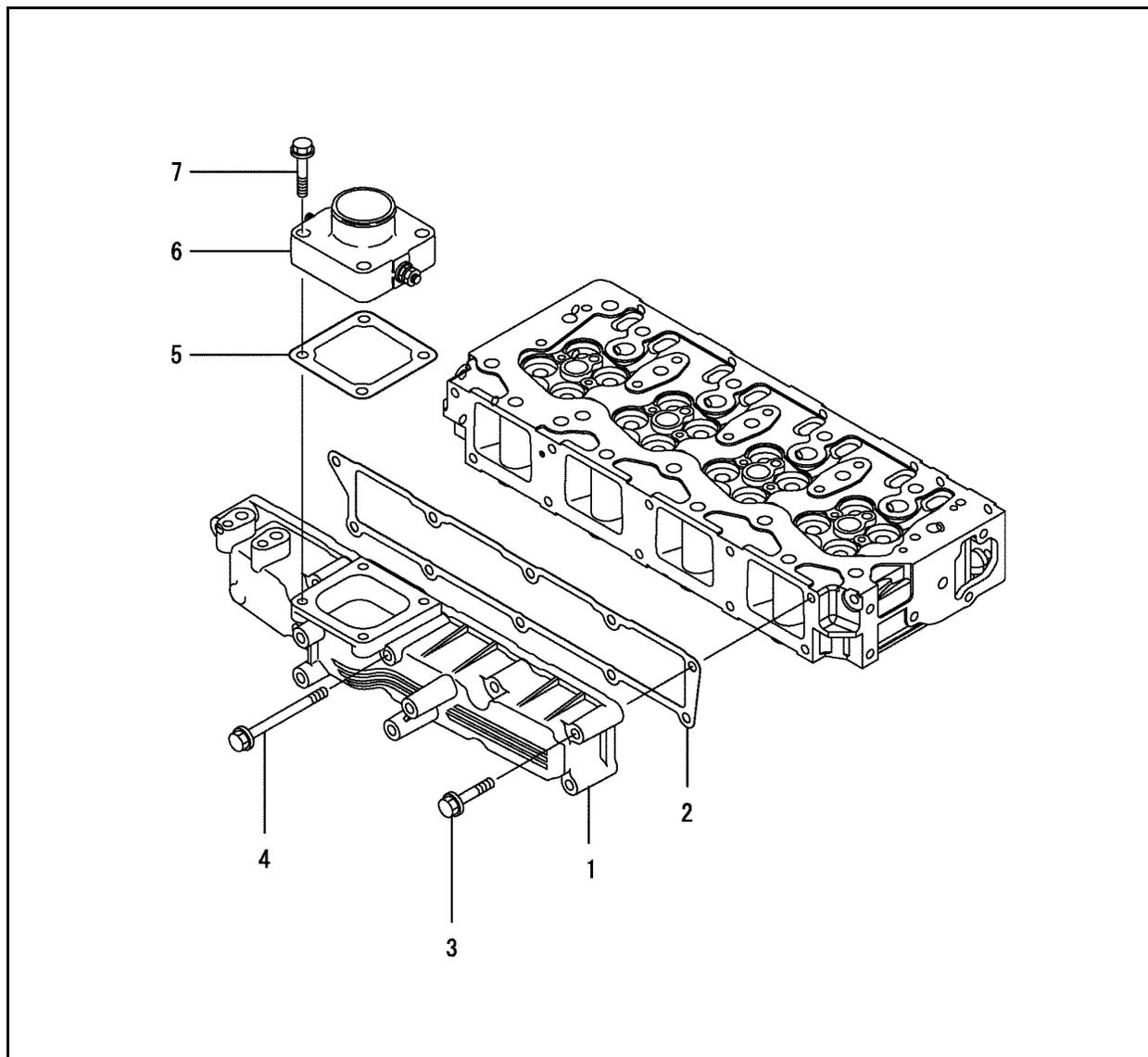
Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	204185	INJECTION PUMP	1	13	425-34908	CLAMP	1
2	186640	INJECTION NOZZLE	4	14	208194	BRACKET	1
3	186552	NOZZLE ASSY	4	15	186556	INJECTION LINE	1
4	425-34903	NUT	4	16	186557	INJECTION LINE	1
5	425-34666	SPRING/NOZZLE	4	17	186558	INJECTION LINE	1
6	425-34905	RETAINER/SPRING	4	18	186559	INJECTION LINE	1
7	425-34906	PLATE/STOP	4	19	189575	SOLENOID/STOP	1
8	188447	PIN	8	20	186553	NOZZLE HOLDER ASSY	4
9	188448	ADJUSTING WASHER	AR	22	186473	BOLT M4 X 14 HEX SCKT	1
10	186407	PIPE SEAL	4	23	186473	BOLT M4 X 14 HEX SCKT	2
11	208193	CLAMP	1	24	425-35164	BOLT M6 X 16 PLATED	2
12	425-35968	CLAMP	1	25	138129	BOLT M8 X 18 PLATED	1

**603 - INTAKE MANIFOLD**  
**1000185041 - (SN AH00645 AND UP)**



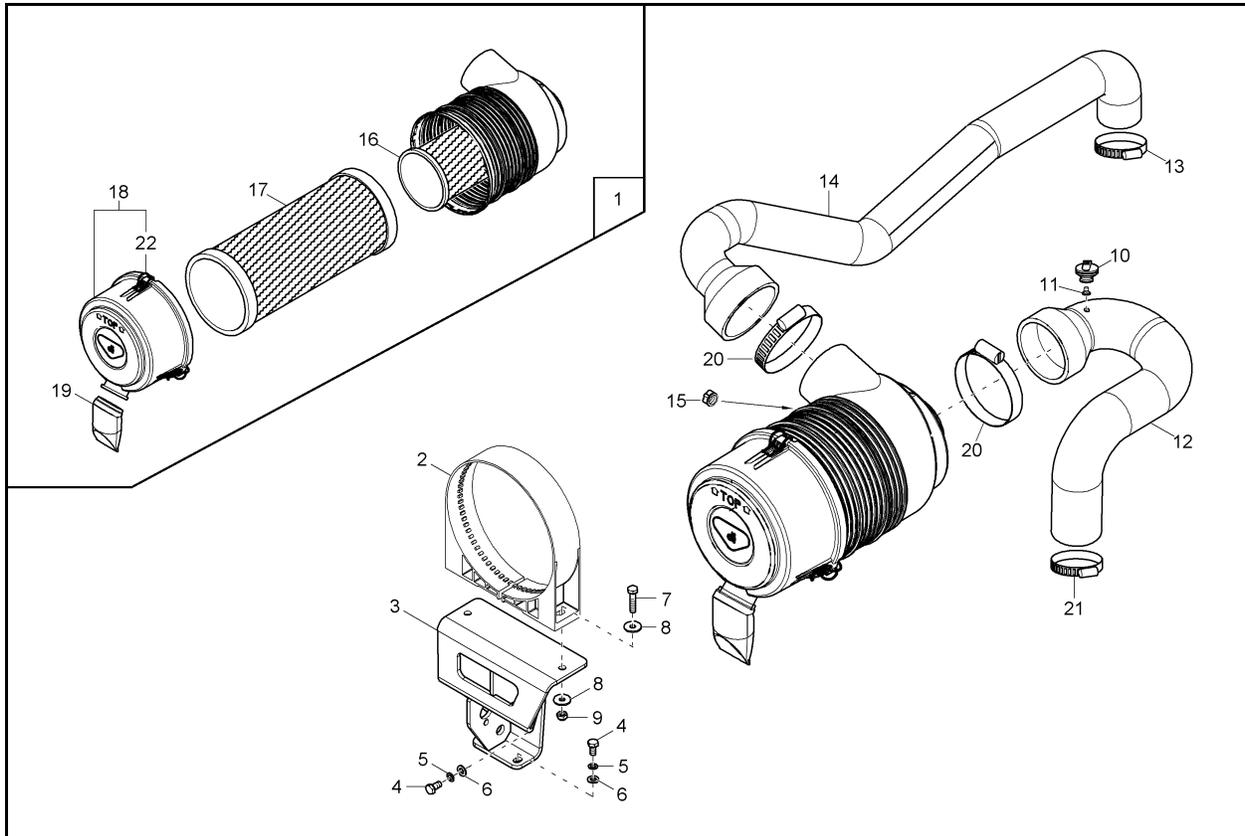
Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186538	INTAKE MANIFOLD GASKET	1	8	425-36318	GASKET	1
2	197624	INTAKE MANIFOLD	1	9	203367	PREHEATER	1
4	425-34780	STUD BOLT	2	10	197451	INTAKE FLANGE	1
5	425-34747	BOLT M 8X 45 PLATED	6	11	188742	BOLT M 8X 40 PLATED	2
6	425-34800	BOLT M 8X 80 PLATED	4	12	186618	BOLT M 8X 90 PLATED	2
7	197450	GASKET	1				

**603 - INTAKE MANIFOLD**  
**1000125888 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	186537	INTAKE MANIFOLD	1	5	425-36318	GASKET	1
2	186538	INTAKE MANIFOLD GASKET	1	6	186561	PREHEATER	1
3	425-34748	BOLT M8 X 55 PLATED	9	7	425-34761	BOLT M8 X 35 PLATED	4
4	186617	BOLT M 8X 85 PLATED	1				

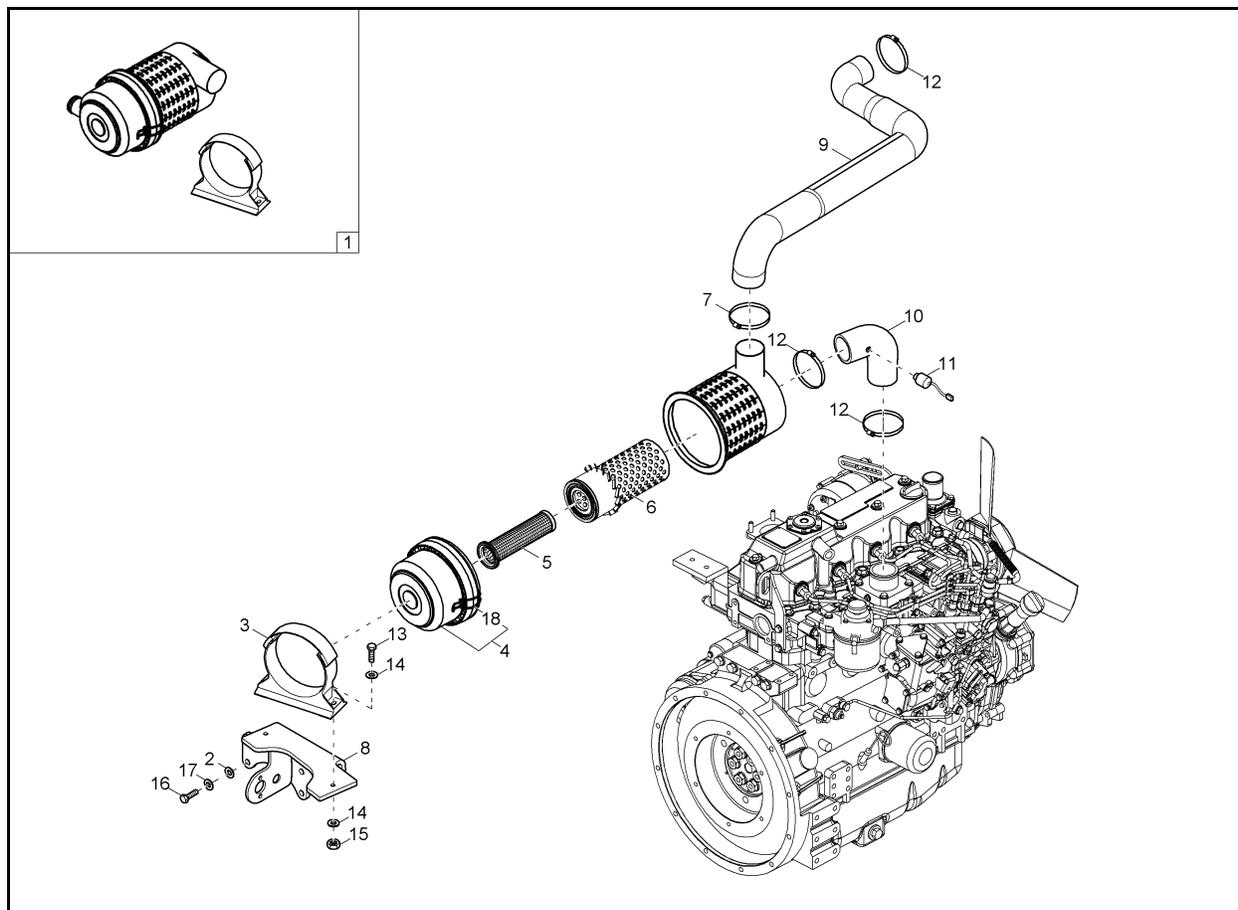
# 603 - ENGINE AIR FILTER 1000181172 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.
1	205287	AIR FILTER COMPLETE (Includes 16 - 19 & 22)	1
2	205288	BRACKET/AIR FILTER	1
3	203360	BRACKET/AIR FILTER	1
4	177648	HEX SCREW	6
5	163670	LOCKWASHER	6
6	163634	WASHER	6
7	656002	CS M8-1.25 X 35 C8.8 ZY DIN931	2
8	7462680011	WASHER 8.4 ST A2C	4
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2
10	203361	DIRT INDICATOR	1
11	203362	THREADED BOLT	1

Ref. No.	Part No.	Description	Qty.
12	203363	HOSE/AIR INTAKE	1
13	162611	HOSE CLAMP	1
14	204146	HOSE/AIR INTAKE	1
15	203365	PLUG	1
16	207343	AIR FILTER - INNER	1
17	207342	AIR FILTER - OUTER	1
18	205290	AIR FILTER COVER (Includes 22)	1
19	205291	DUST VALVE	1
20	164964	COLLAR	2
21	163210	HOSE CLAMP	1
22	L99933	LATCH	3

# 603 - ENGINE AIR FILTER 1000155828 - (SN AD04629 - AD07207)

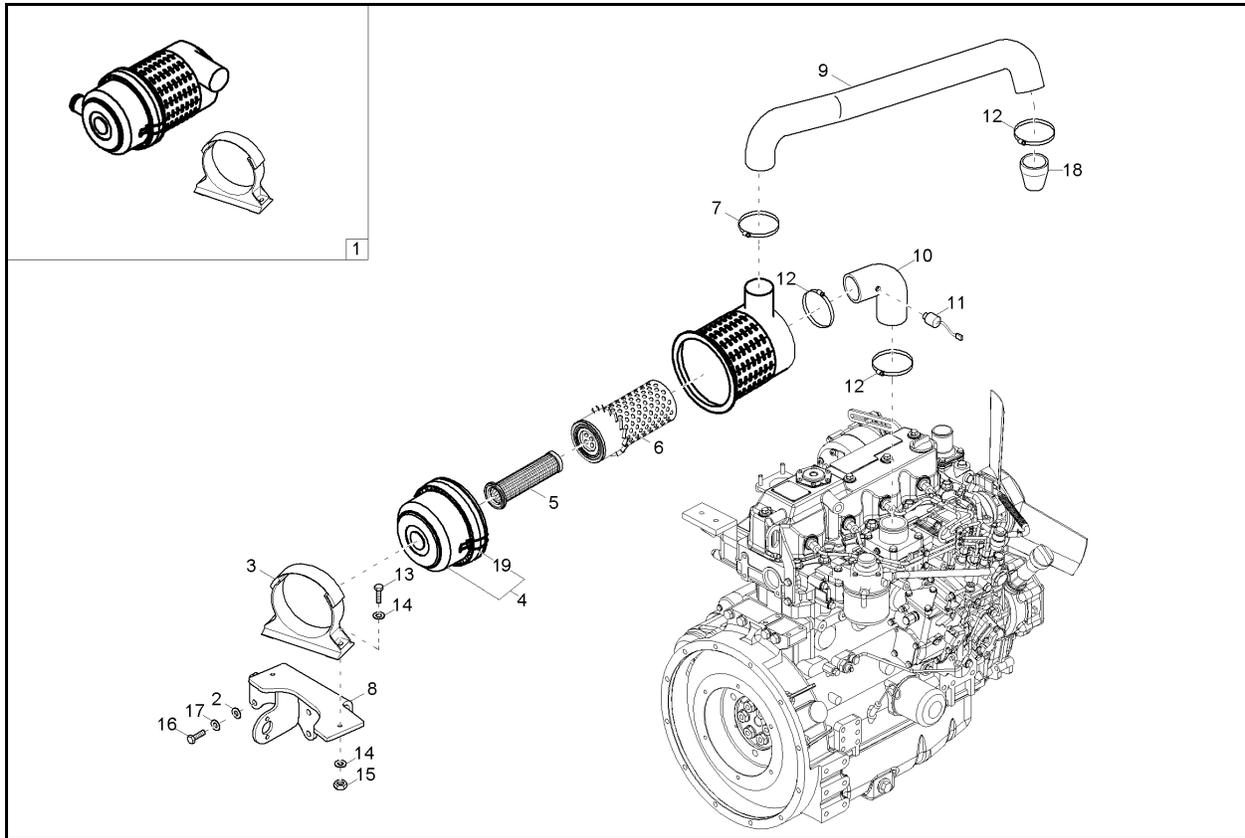


Ref. No.	Part No.	Description	Qty.
1	178532	AIR FILTER COMPLETE (Includes 3, 4, 5, 6 & 18)	1
2	161640	WASHER/GR A 10.5	3
3	178538	BRACKET	1
4	178534	CAP (Includes 18)	1
5	188817	AIR FILTER - INNER	1
6	188814	AIR FILTER - OUTER	1
7	163210	HOSE CLAMP	1
8	177528	BRACKET/AIR FILTER	1
9	205520	HOSE/AIR INTAKE	1

Ref. No.	Part No.	Description	Qty.
10	177532	HOSE/AIR INTAKE	1
11	164337	DIRT INDICATOR	1
12	163211	HOSE CLAMP	3
13	651434	HB M8-1.2 X 45 C 8.8 ZO	2
14	7462680011	WASHER 8.4 ST A2C	4
15	161679	HLN INS M8 8 ZO D985	2
16	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	3
17	161669	LOCKWASHER S10	3
18	L99933	LATCH	3

# 603 - ENGINE AIR FILTER

1000125887 - (SN AC02513 - AD04628)

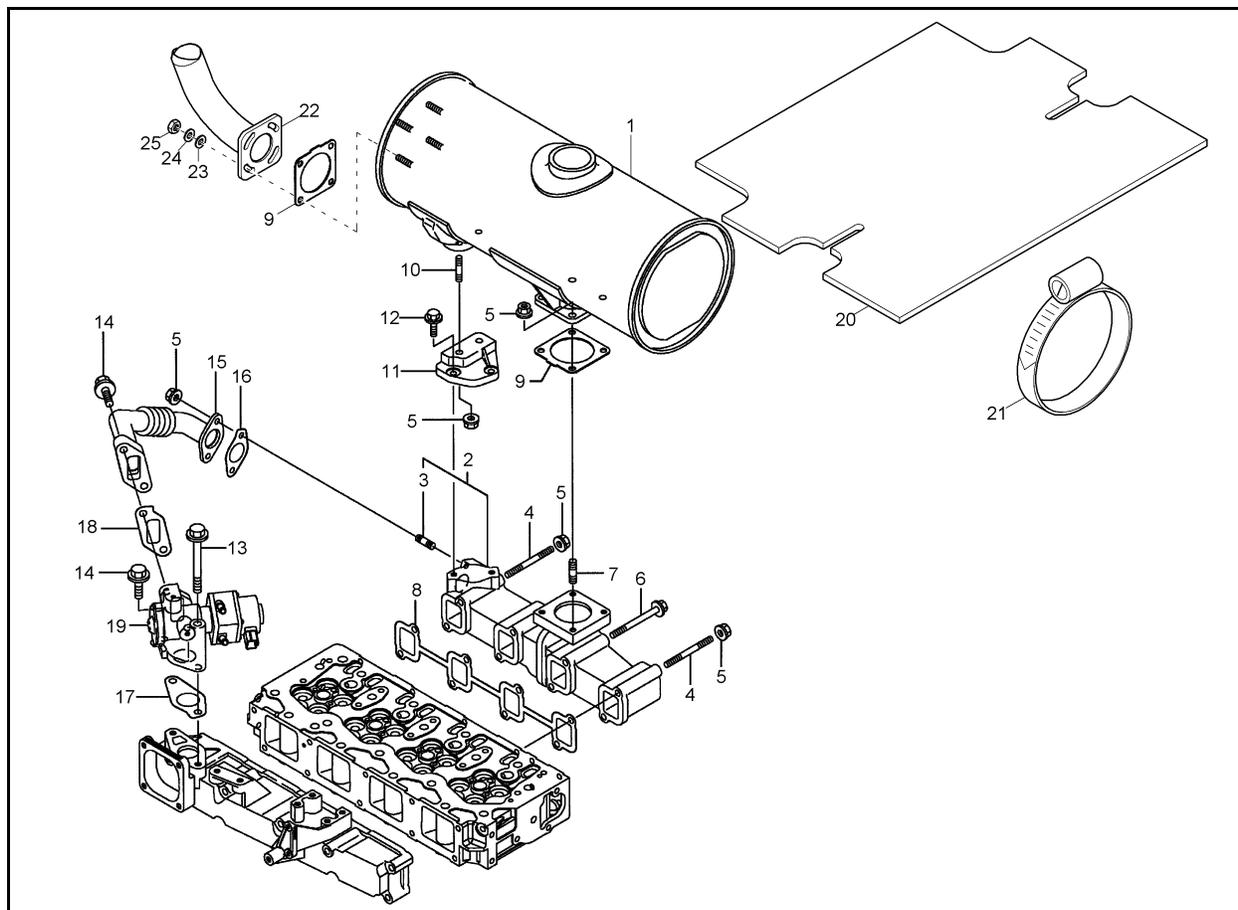


Ref. No.	Part No.	Description	Qty.
1	178532	AIR FILTER COMPLETE (Includes 3, 4, 5, 6 & 19)	1
2	161640	WASHER/GR A 10.5	3
3	178538	BRACKET	1
4	178534	CAP (Includes Ref. No. 19)	1
5	188817	AIR FILTER - INNER	1
6	188814	AIR FILTER - OUTER	1
7	163210	HOSE CLAMP	1
8	177528	BRACKET/AIR FILTER	1
9	205520	HOSE/AIR INTAKE	1
10	177532	HOSE/AIR INTAKE	1

Ref. No.	Part No.	Description	Qty.
11	164337	DIRT INDICATOR	1
12	162611	HOSE CLAMP	3
13	651434	HB M8-1.25 X 45 C8.8 ZY	2
14	7462680011	WASHER 8.4 ST A2C	4
15	161679	HLN INS M8 8 ZO D985	2
16	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	3
17	161669	LOCKWASHER S10	3
18	205498	ADAPTER (SN AC02776 - AD04628)	1
19	L99933	LATCH	3

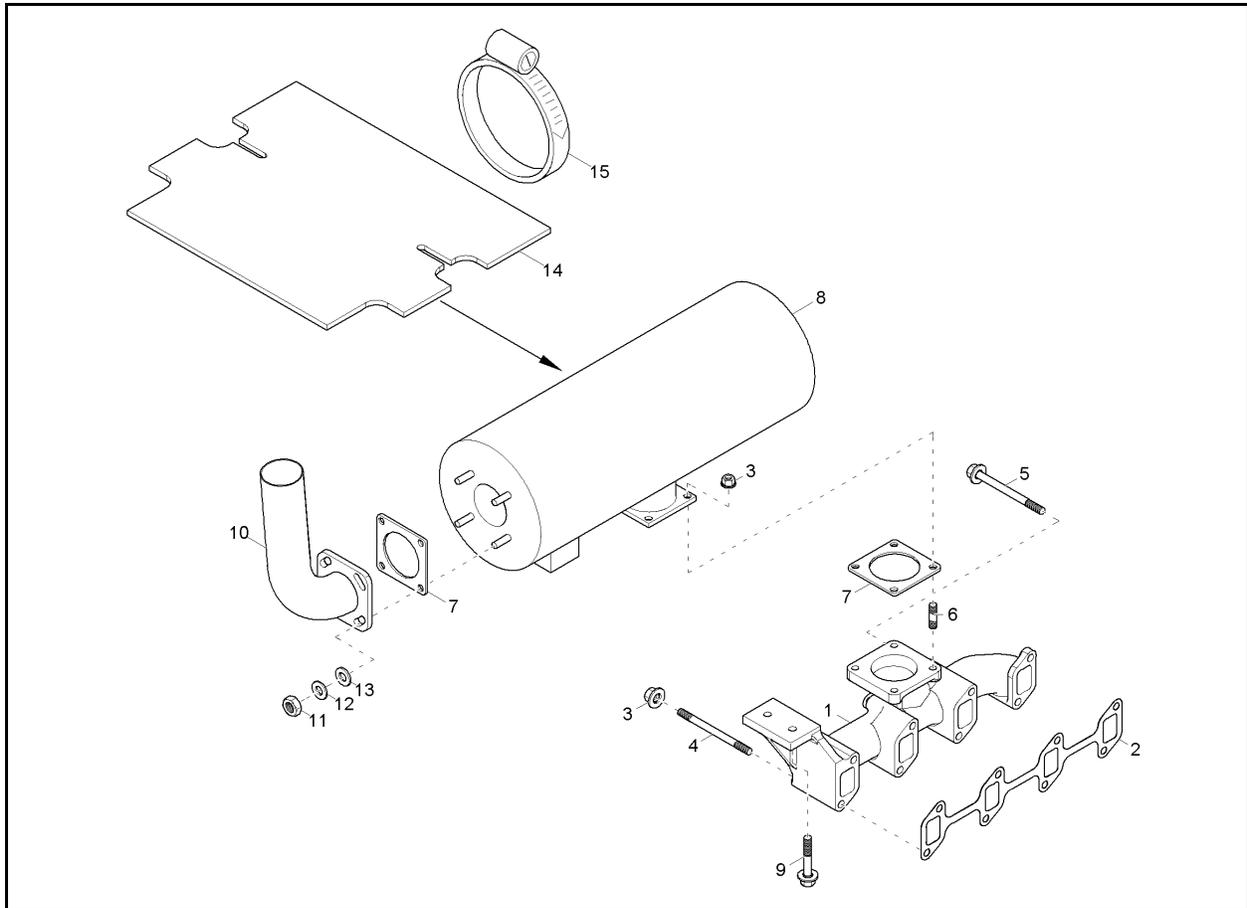
# 603 - EXHAUST SYSTEM

## 1000185042 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	177199	MUFFLER	1	14	197807	SCREW	3
2	197625	EXHAUST MANIFOLD	1	15	197626	PIPE LINE	1
3	138512	SCREW	2	16	197627	SEAL	1
4	203371	STUD BOLT	2	17	197630	SEAL	1
5	138140	HEXAGON NUT	10	18	197629	SEAL	1
6	197462	SCREW	6	19	197628	VALVE	1
7	425-36249	STUD BOLT	4	20	177181	ISOLATION MAT/EXHAUST	1
8	425-36128	EXHAUST MANIFOLD GASKET	1	21	165269	HOSE CLAMP	4
9	177112	GASKET	2	22	177149	EXHAUST PIPE	1
10	203373	STUD BOLT	2	23	163634	WASHER	4
11	203374	BRACKET	1	24	163670	LOCKWASHER	4
12	177256	SCREW	2	25	656048	HN M8-1.25 C8 ZY DIN934	4
13	138522	SCREW	1				

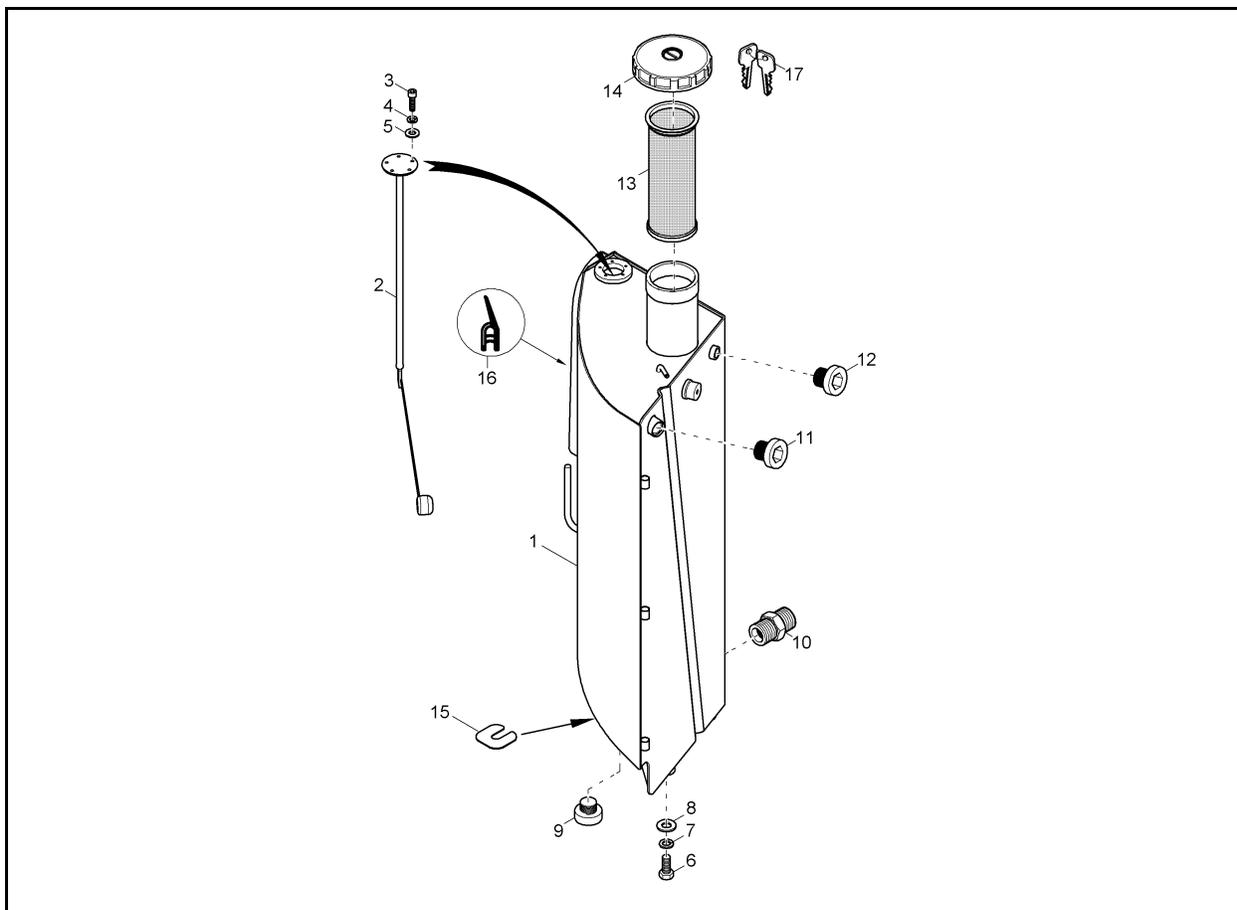
**603 - EXHAUST SYSTEM**  
**1000125889 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	177198	EXHAUST MANIFOLD	1	9	164438	SCREW	2
2	425-36128	EXHAUST MANIFOLD GASKET	1	10	205485	EXHAUST PIPE	1
3	138140	NUT	6	11	656048	HN M8-1.25 C8 ZY DIN934	4
4	138474	STUD BOLT	2	12	163670	LOCKWASHER	4
5	138104	SCREW	6	13	163634	WASHER	4
6	425-36249	STUD BOLT	4	14	177181	ISOLATION MAT/EXHAUST	1
7	177112	GASKET	2	15	165269	HOSE CLAMP	4
8	177199	MUFFLER	1				

# 603 - FUEL TANK

## 1000180774 - (SN AH00645 AND UP)



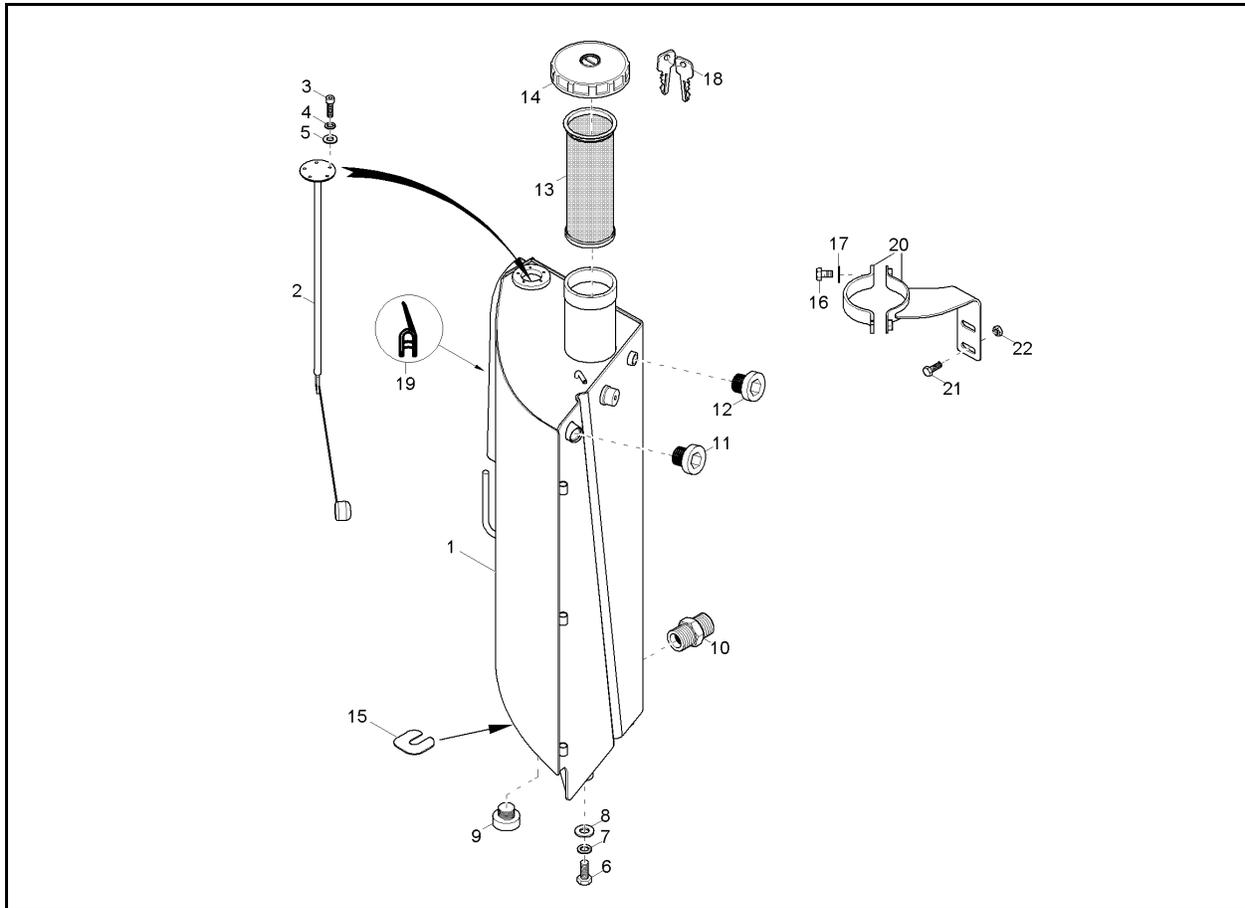
Ref. No.	Part No.	Description	Qty.
1	204998	FUEL TANK	1
2	177733	FUEL LEVEL SENDER	1
3	651503	SHCS M5-0.8 X 12 C8.8 ZY DIN912	5
4	161674	LOCKWASHER S16	5
5	161659	WASHER/GR A 5.3 ZO DIN125	5
6	162480	SCREW	3
7	163651	WASHER	3
8	161645	WASHER/GR A 13 DIN7349	3
9	161415	PLUG	1
10	161427	SCREW JOINT	1
11	179799	HEX HEAD SOCKET PIPE PLUG	1

Ref. No.	Part No.	Description	Qty.
12	164924	PLUG	1
13	161059	FUEL STRAINER	1
14	164714	TANK CAP/PLASTIC W/O KEYS	1
15	206849	SHIM (0.5 MM)	AR
	208224	SHIM (1.0 MM)	AR
	208225	SHIM (2.0 MM)	AR
	208226	SHIM (3.0 MM)	AR
16	207162	RUBBER EXTRUSION (1.5M)	1
17	101792	KEY*	1

\* Same key(s) to start engine and operate all locks on unit.

# 603 - FUEL TANK

## 1000130365 - (SN AC02651 - AD07207)

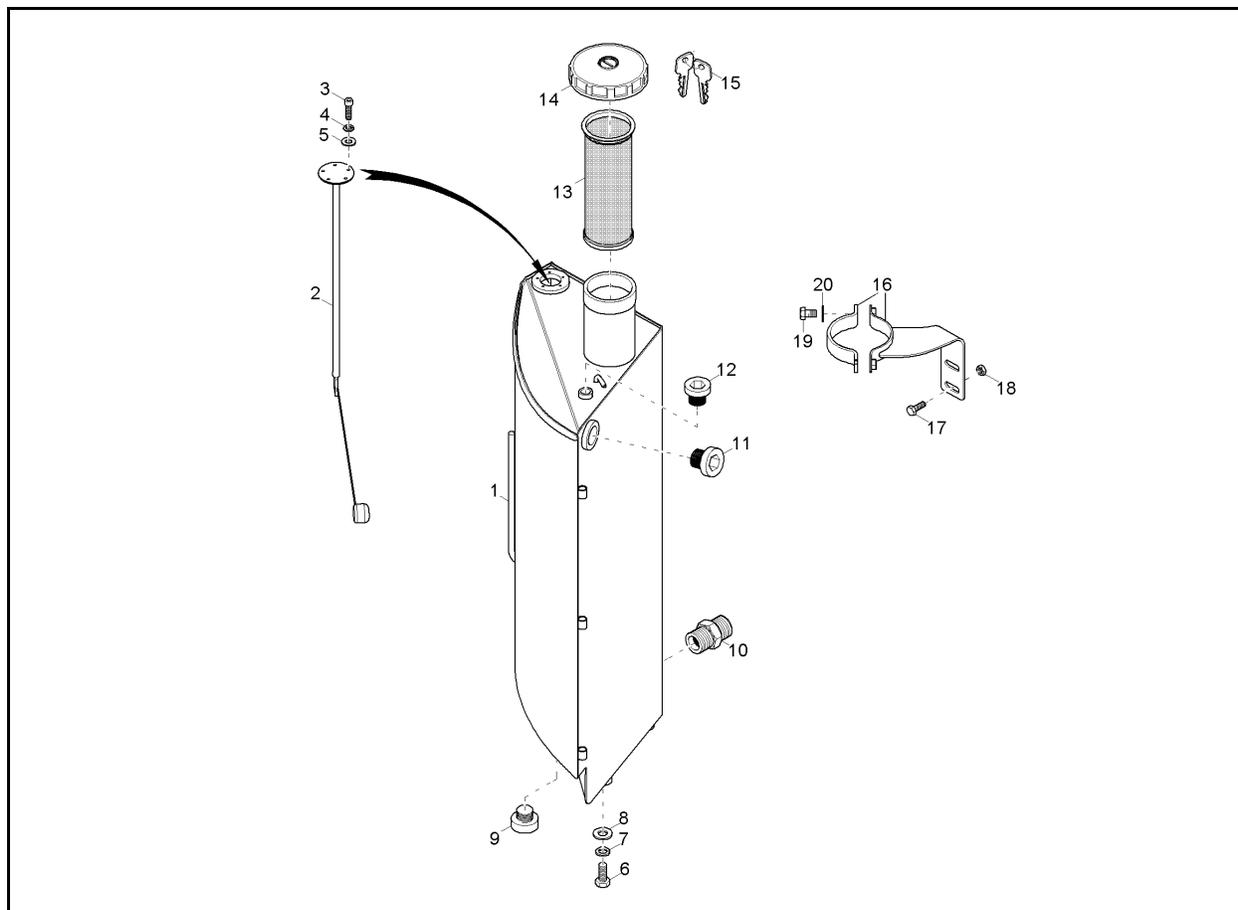


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204998	FUEL TANK	1	15	206849	SHIM (0.5 MM)	AR
2	177733	FUEL LEVEL SENDER	1		208224	SHIM (1.0 MM)	AR
3	651503	SHCS M5-0.8 X 12 C8.8 ZY DIN912	5		208225	SHIM (2.0 MM)	AR
4	161674	LOCKWASHER S16	5		208226	SHIM (3.0 MM)	AR
5	161659	WASHER/GR A 5.3 ZO DIN125	5	16	203435	HEX SCREW	2
6	162480	SCREW	3	17	177207	SPACER	2
7	163651	WASHER	3	18	101792	KEY*	1
8	161645	WASHER/GR A 13 DIN7349	3	19	207162	RUBBER EXTRUSION (1.5M) (SN AC02811 and up)	1
9	161415	PLUG	1	20	207532	BRACKET (SN AC02651 - AC03168)	1
10	161427	SCREW JOINT	1	21	206403	SINK SCREW	2
11	179799	HEX HEAD SOCKET PIPE PLUG	1	22	651448	LN INS M10-1.5 C8 ZY DIN6924	2
12	164924	PLUG	1				
13	161059	FUEL STRAINER	1				
14	164714	TANK CAP/PLASTIC W/O KEYS	1				

\* Same key(s) to start engine and operate all locks on unit.

# 603 - FUEL TANK

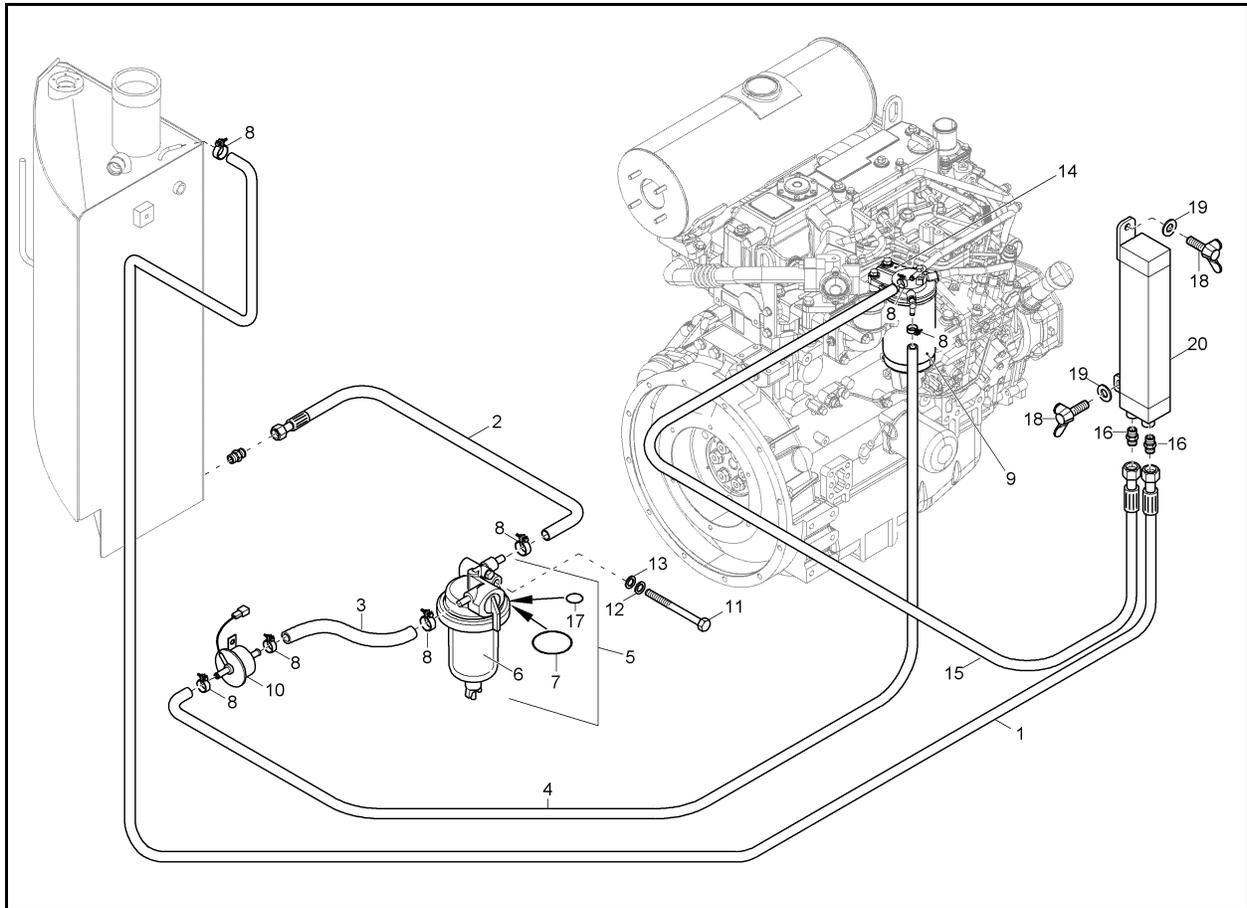
## 1000116133 - (SN AC02513 - AC02650)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205000	FUEL TANK KIT	1	12	164924	PLUG	1
2	177733	FUEL LEVEL SENDER	1	13	161059	FUEL STRAINER	1
3	651503	SHCS M5-0.8 X 12 C8.8 ZY DIN912	5	14	164714	TANK CAP/PLASTIC W/O KEYS	1
4	161674	LOCKWASHER S16	5	15	101792	KEY*	1
5	161659	WASHER/GR A 5.3 ZO DIN125	5	16	207532	BRACKET	1
6	162480	SCREW	3	17	206403	SINK SCREW	2
7	163651	WASHER	3	18	651448	LN INS M10-1.5 C8 ZY DIN6924	2
8	161645	WASHER/GR A 13 DIN7349	3	19	203435	HEX SCREW	2
9	161415	PLUG	1	20	177207	SPACER	2
10	161427	SCREW JOINT	1				
11	162929	SCREW	1				

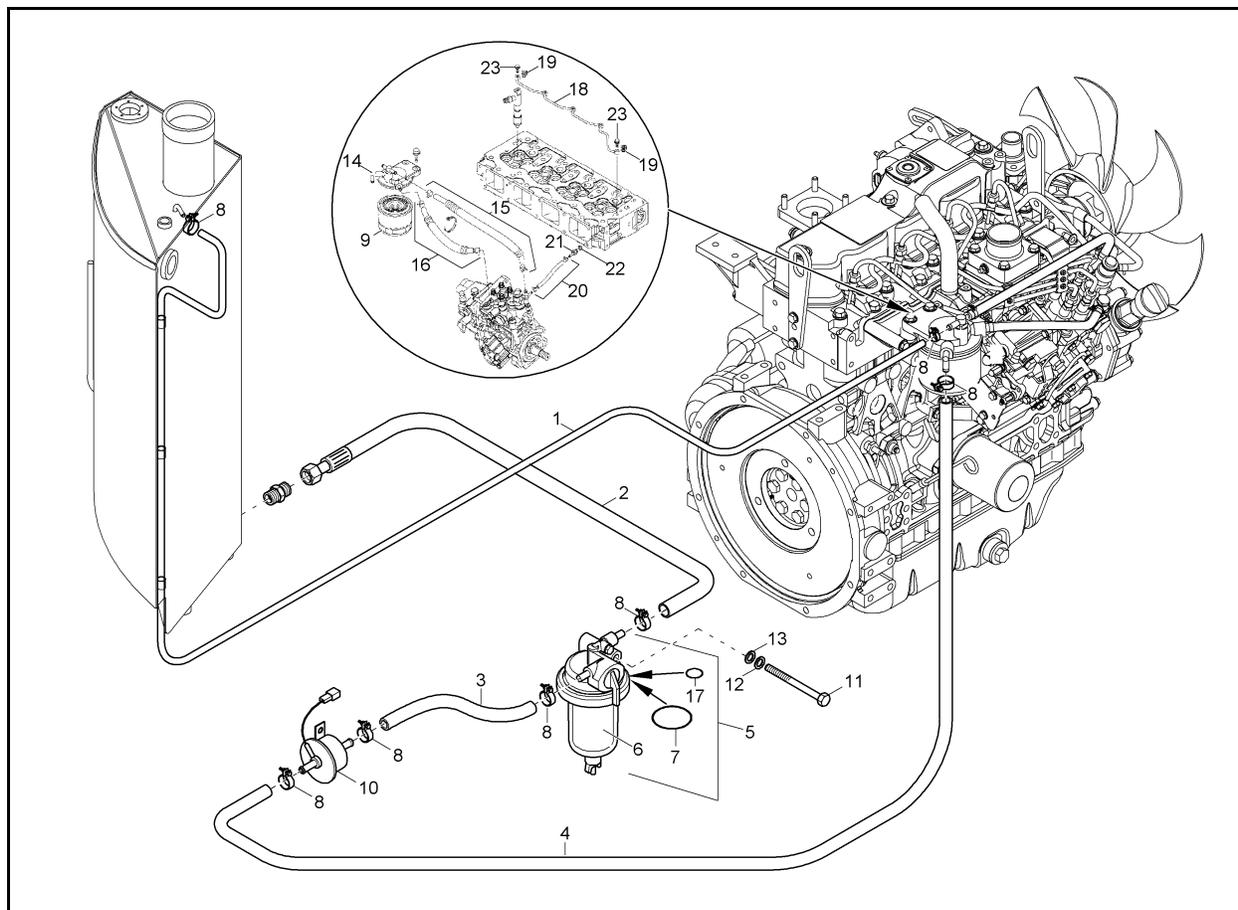
\* Same key(s) to start engine and operate all locks on unit.

**603 - FUEL SUPPLY**  
**1000181173 - (SN AH00645 AND UP)**



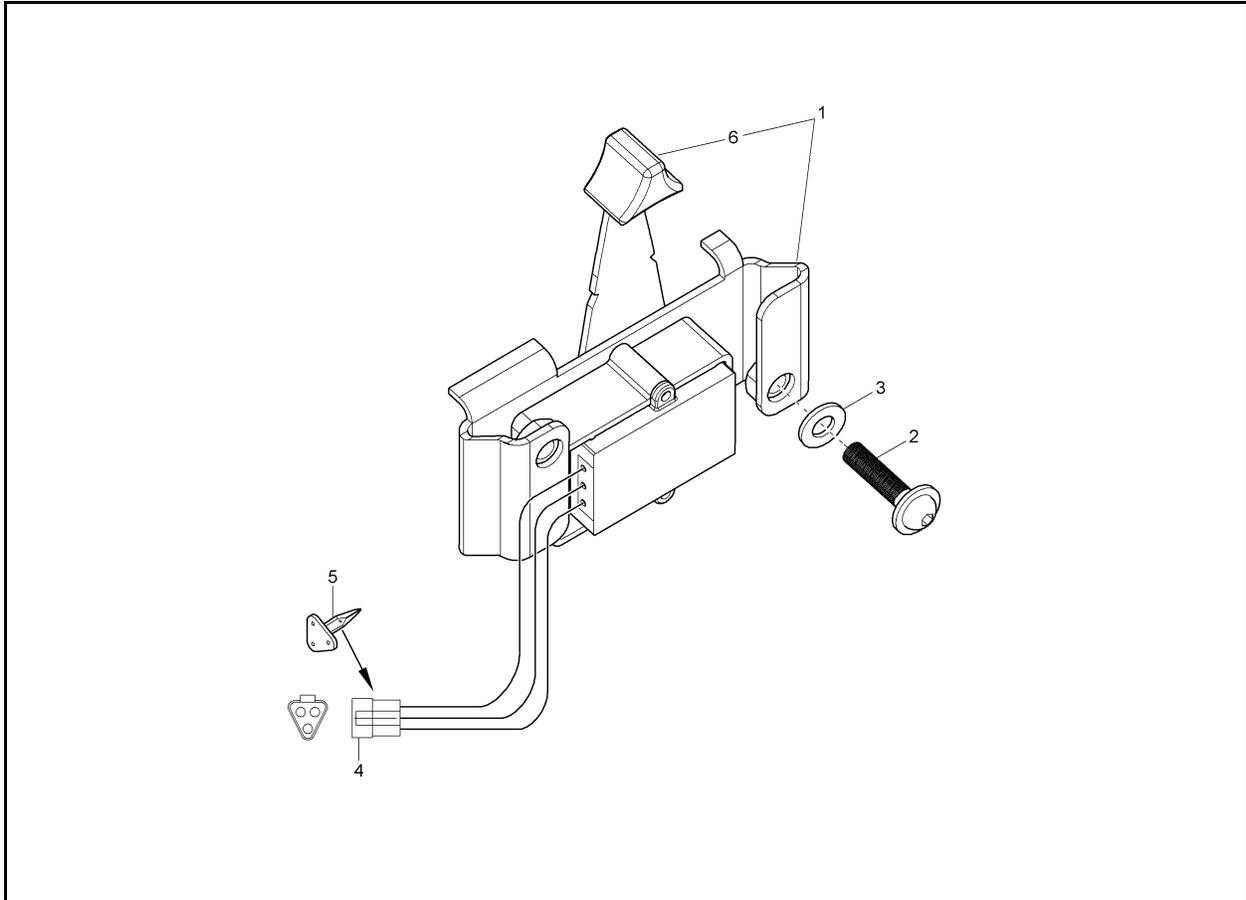
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202487	FUEL LINE	1	11	651438	HB M8-1.25 X 70 C8.8 ZY	1
2	205499	FUEL LINE	1	12	163670	LOCKWASHER	1
3	207263	FUEL LINE (0.6M)	1	13	163634	WASHER	1
4	207269	FUEL LINE (1.6M)	1	14	177893	BRACKET/FUEL FILTER	1
5	177679	WATER SEPARATOR	1	15	202489	FUEL LINE	1
6	186340	ELEMENT	1	16	161426	SCREW JOINT	2
7	177664	GASKET/FILTER HOUSING	1	17	177659	O-RING	1
8	178051	HOSE CLAMP	7	18	202552	THUMB SCREW	2
9	204166	FUEL FILTER	1	19	163634	WASHER	2
10	177699	FUEL PUMP	1	20	202490	DIESEL COOLER	1

**603 - FUEL SUPPLY**  
**1000125891 - (SN AC02513 - AD07207)**



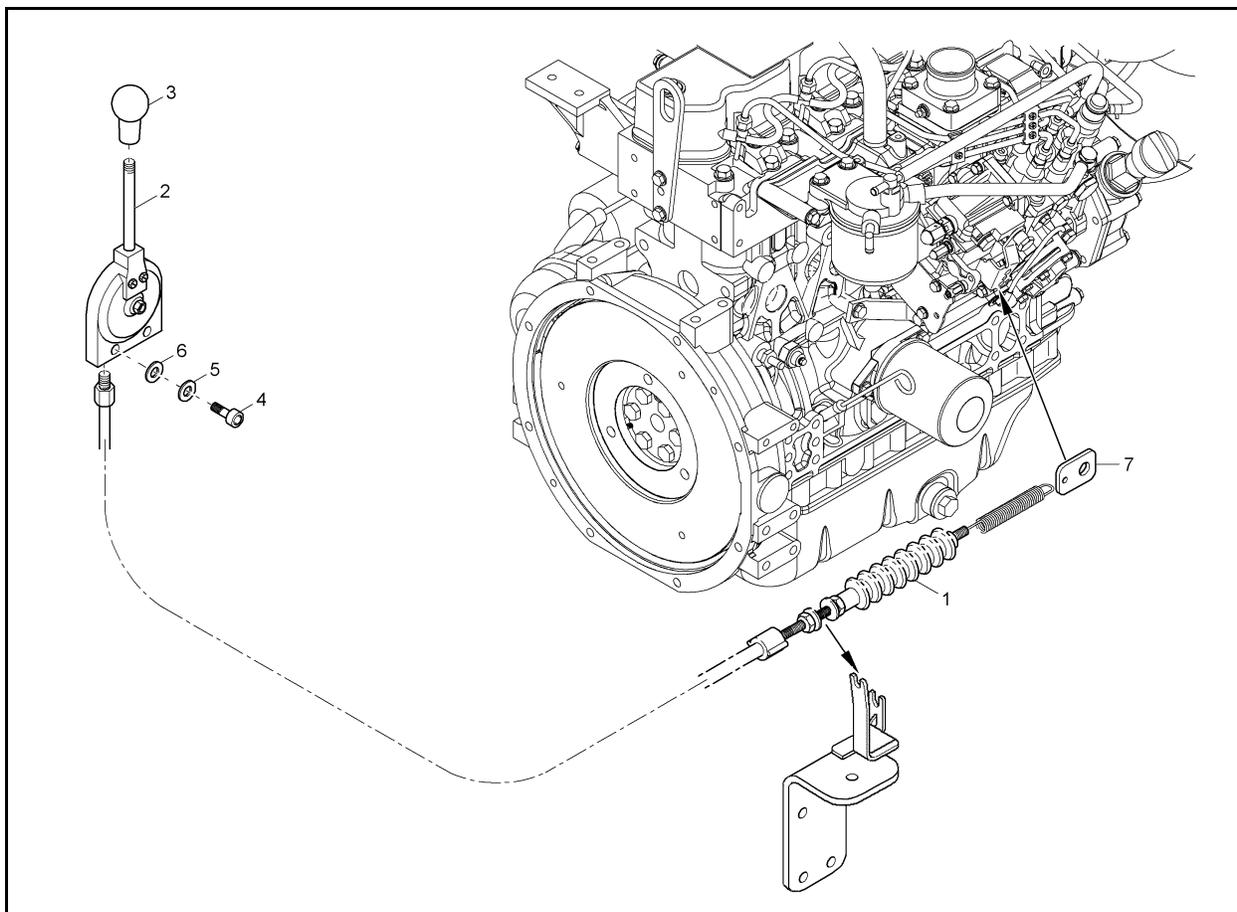
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207271	FUEL LINE (3.0M)	1	12	163670	WASHER	1
2	205499	FUEL LINE	1	13	163634	WASHER	1
3	207263	FUEL LINE (0.6M)	1	14	177893	BRACKET/DIESEL FILTER	1
4	207269	FUEL LINE (1.6M)	1	15	177567	HOSE	1
5	177679	WATER SEPARATOR	1	16	177568	HOSE	1
6	186340	ELEMENT	1	17	177659	O-RING	1
7	177664	GASKET/FILTER HOUSING	1	18	177569	TUBE	1
8	178051	HOSE CLAMP	7	19	177570	SEAL KIT	5
9	137499	FUEL FILTER	1	20	209933	BLEED LINE	1
10	177699	FUEL PUMP	1	21	177571	HOSE SLEEVE	1
11	651438	HB M8-1.25 X 70 C8.8 ZY	1	22	177462	SEAL RING	1

**603 - AUTO IDLE/THROTTLE**  
**1000180362 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	203384	POTENTIOMETER (Includes Ref. No. 6)	1	4	0003338865	HOUSING	1
2	201719	FHCS M6 X 12	2	5	0003339065	PIN HOUSING	1
3	7462680206	SPACER	2	6	203385	HANDLE	1

**603 - THROTTLE**  
**1000124009 - (SN AC02513 - AD07207)**

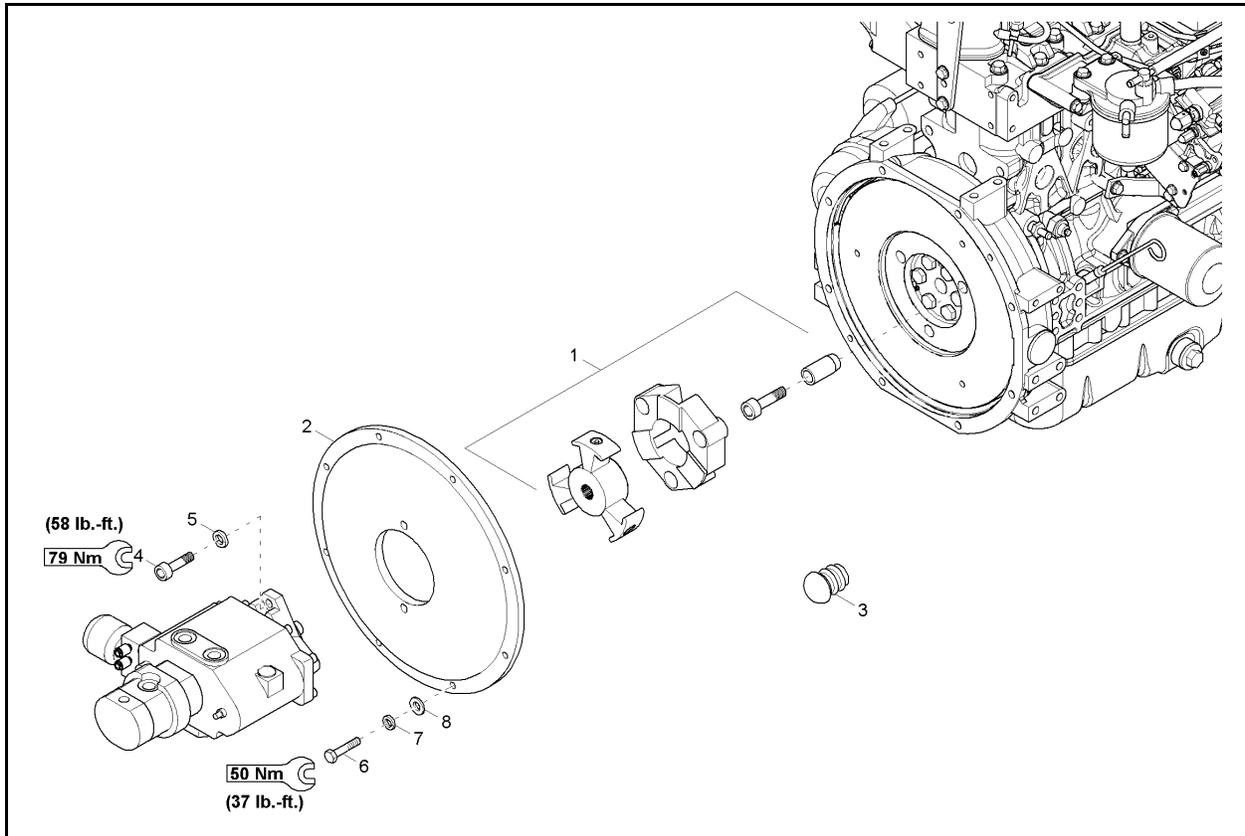


Ref. No.	Part No.	Description	Qty.
1	177795	THROTTLE CABLE	1
2	1410401G	THROTTLE LEVER	1
3	162398	KNOB	1
4	651508	SHCS M6-1 X 25 C8.8 ZY DIN912	2

Ref. No.	Part No.	Description	Qty.
5	161675	LOCKWASHER S6	2
6	161660	WASHER GR A6.4 ZO DIN125	2
7	162355	BRACKET	1

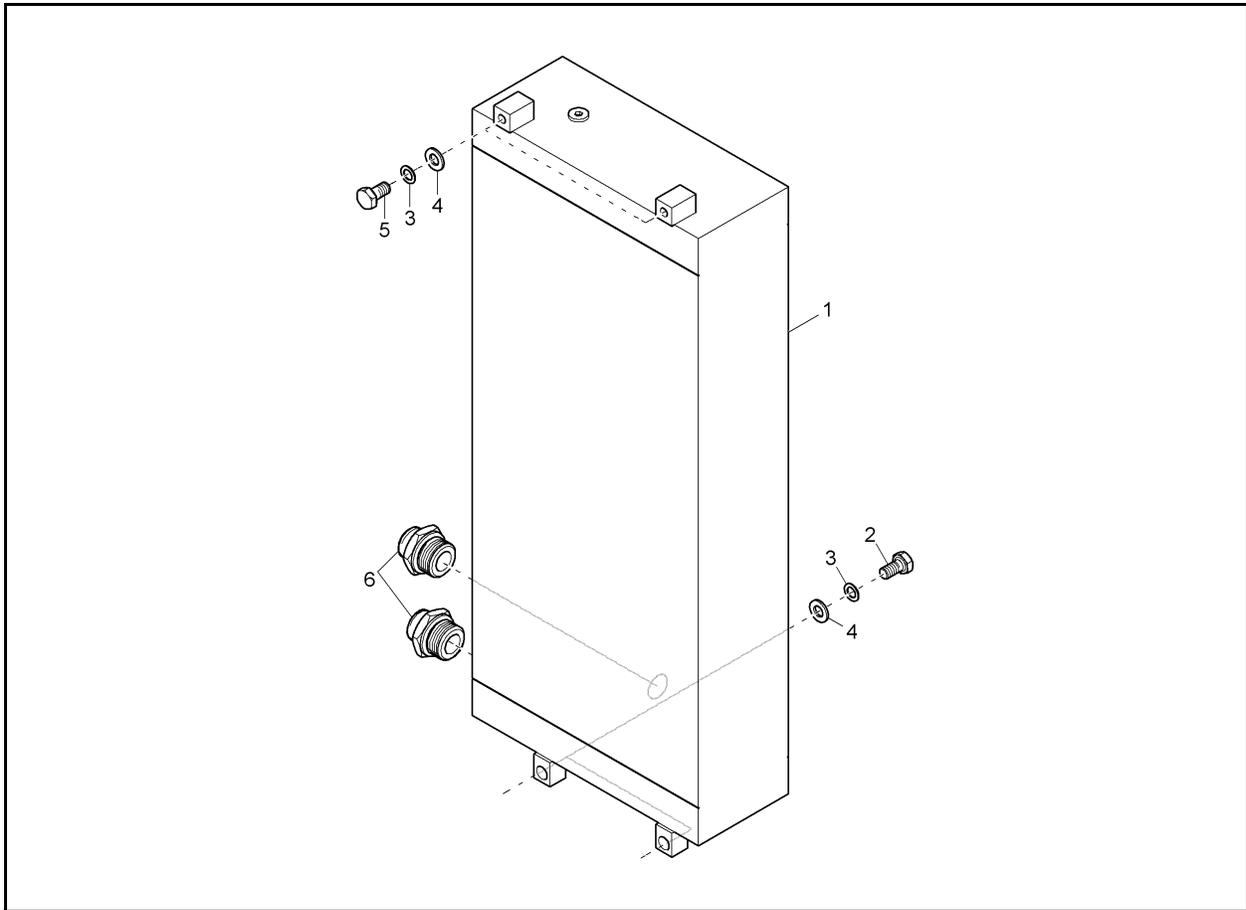
# 603 - HYDRAULIC PUMP DRIVE

## 1000125892



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161014	COUPLER	1	5	163651	WASHER	2
2	162652	PUMP CARRIER	1	6	656008	CS M10-1.5 X 30 C8.8 ZY DIN931	12
3	164928	PLUG	1	7	161669	LOCKWASHER S10	12
4	651480	SHCS M12-1.7 X 30 C10.9 ZY DIN912	2	8	161640	WASHER/GR A 10.5	12

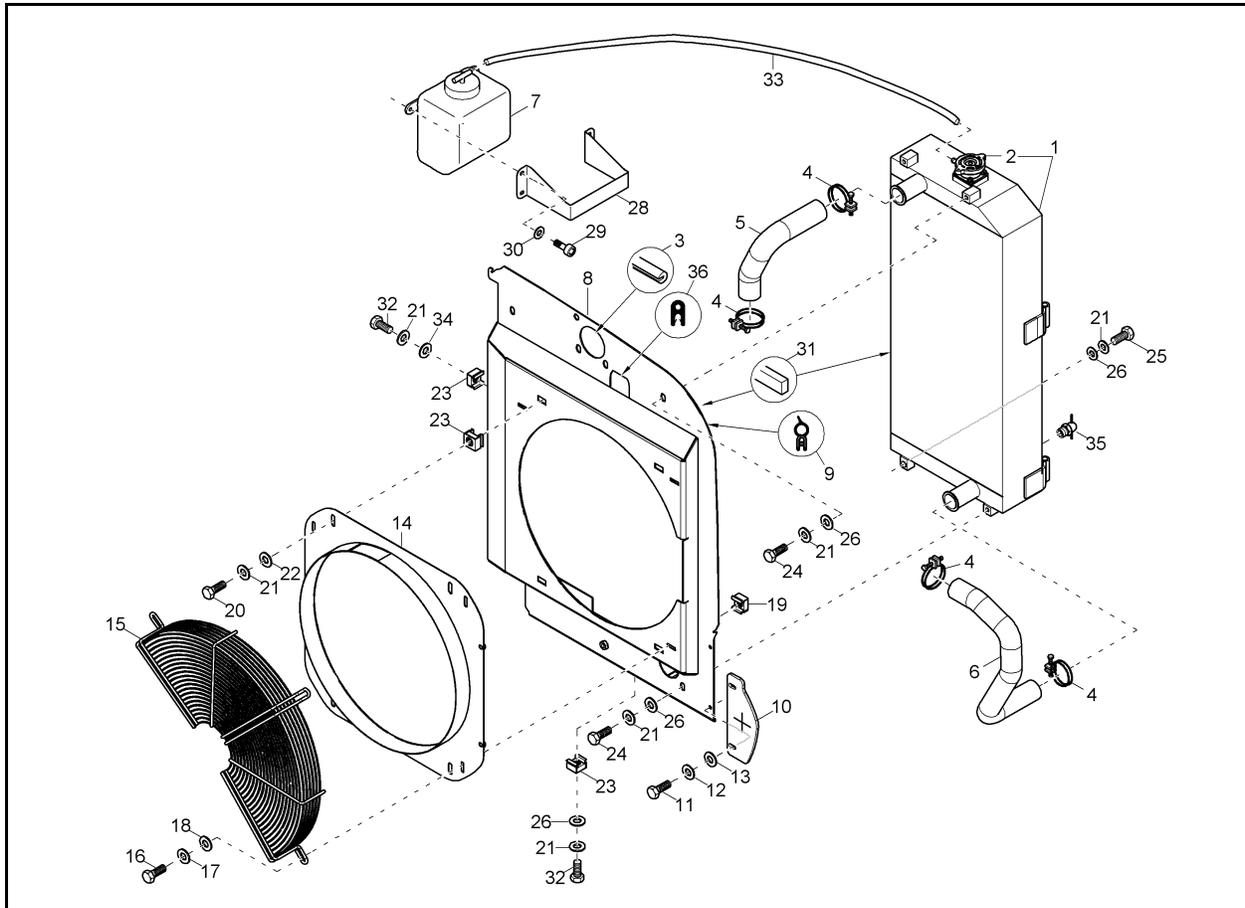
**603 - OIL COOLER**  
**1000181196 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204149	OIL COOLER	1	4	161640	WASHER/GR A 10.5	4
2	651399	CS M10-1.5 X 40 C8.8 ZY	2	5	651393	CS M10-1.5 X 25 C8.8 ZY	2
3	161669	LOCKWASHER S10	4	6	177455	SCREW JOINT	2

# 603 - RADIATOR

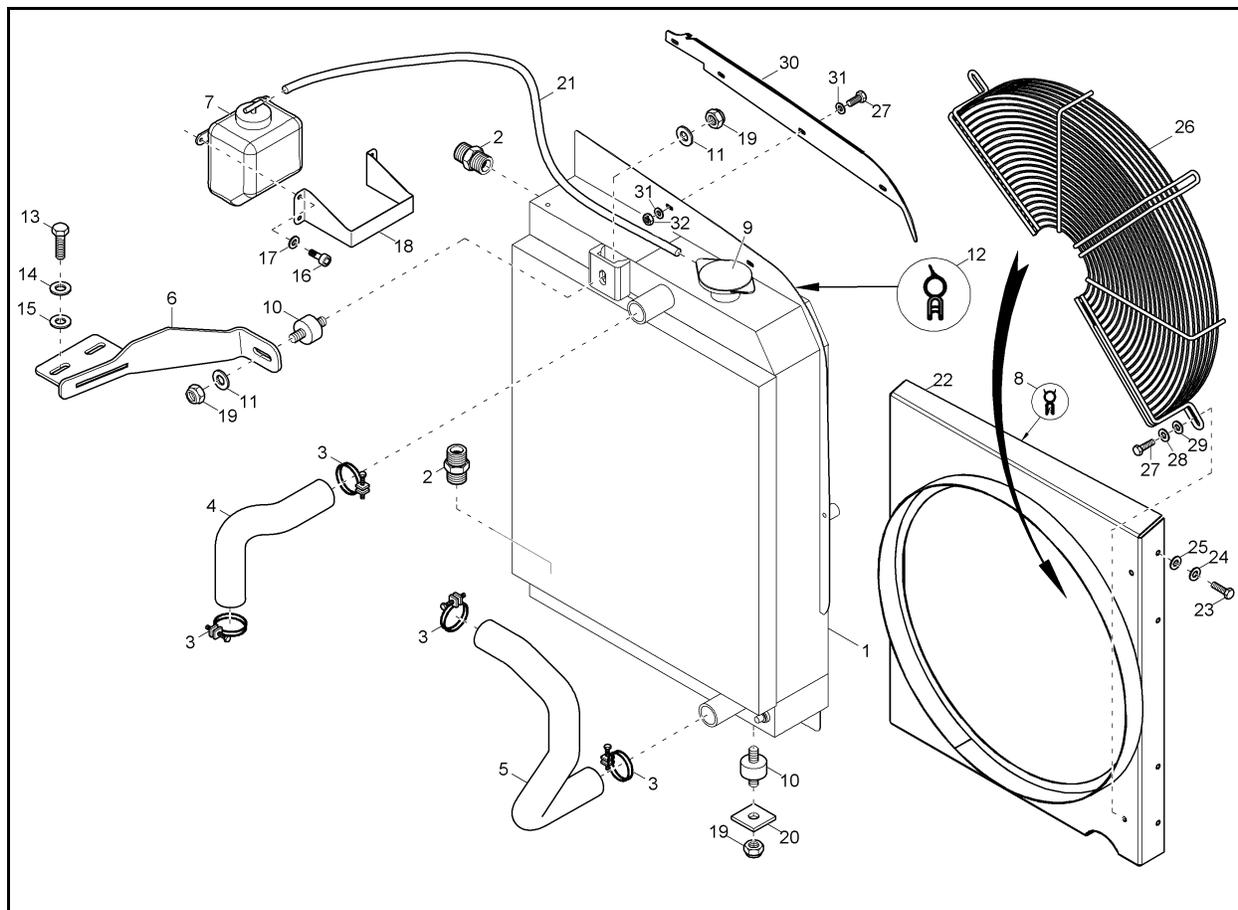
## 1000181193 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204151	RADIATOR	1	19	161613	NUT/CAGE M6	3
2	201591	RADIATOR CAP	1	20	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	4
3	203296	SEAL STRAP FOAM (0.3M)	1	21	161669	LOCKWASHER S10	13
4	204753	HOSE CLAMP	4	22	161651	WASHER 20	4
5	177538	RADIATOR HOSE/UPPER	1	23	177700	CAGE NUT	9
6	177555	RADIATOR HOSE/LOWER	1	24	651393	CS M10-1.5 X 25 C8.8 ZY	3
7	177473	RESERVOIR	1	25	651399	CS M10-1.5 X 40 C8.8 ZY	1
8	204148	AIR GUIDE HOUSING	1	26	161640	WASHER/GR A 10.5	5
9	206013	RUBBER PROFILE (1.5M)	1	27	651399	CS M10-1.5 X 40 C8.8 ZY	1
10	204147	ADJUSTMENT PLATE	1	28	177009	BRACKET	1
11	7462680008	WASHER	2	29	162478	SCREW	2
12	161675	LOCKWASHER S6	2	30	161659	WASHER/GR A 5.3 ZO DIN125	2
13	656128	CS M6-1 X 30 C8.8 ZY DIN931	2	31	203438	FOAM SEAL (5.0M)	1
14	204145	RADIATOR SHROUD	1	32	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	5
15	205362	FAN GUARD	1	33	206802	SYNTHETIC HOSE (0.7M)	1
16	656149	CS M6-1 X 16 C8.8 ZY DIN931	3	34	163642	WASHER	3
17	161675	LOCKWASHER S6	3	35	164311	DRAIN SCREW	1
18	7462680008	WASHER	3	36	204171	EDGE PROTECTION (0.25M)	1

# 603 - RADIATOR

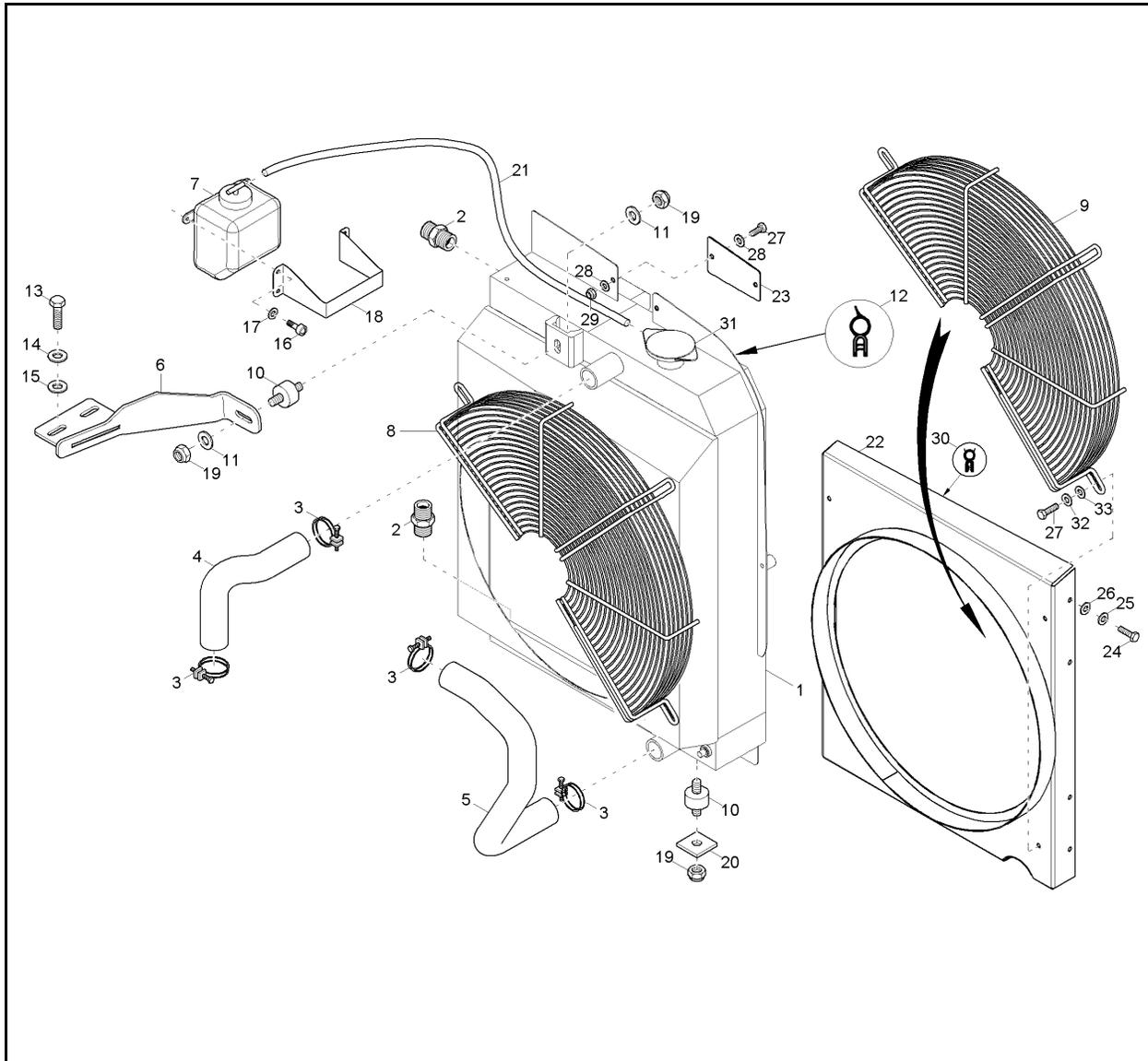
## 1000156674 - (SN AD04739 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204136	RADIATOR	1	17	161659	WASHER/GR A 5.3 ZO DIN125	2
2	177455	SCREW JOINT	2	18	177009	BRACKET	1
3	204753	HOSE CLAMP	4	19	651448	LN INS M10-1.5 C8 ZY DIN6924	4
4	177538	RADIATOR HOSE/UPPER	1	20	206850	SPACER	2
5	177555	RADIATOR HOSE/LOWER	1	21	206802	SYNTHETIC HOSE (0.7M)	1
6	177547	COOLER SUPPORT	1	22	203046	RADIATOR SHROUD	1
7	177473	RESERVOIR	1	23	177648	HEX SCREW	4
8	205398	RUBBER PROFILE (3.0M)	1	24	163670	LOCKWASHER	4
9	176921	RADIATOR CAP	1	25	7462680011	WASHER 8.4 ST A2C	4
10	164851	RUBBER METAL BUFFER	3	26	205362	FAN GUARD	1
11	163642	WASHER	2	27	656149	CS M6-1 X 16 C8.8 ZY DIN931	7
12	206013	RUBBER PROFILE (1.50M)	1	28	161675	LOCKWASHER S6	3
13	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	2	29	7462680008	WASHER	3
14	161669	LOCKWASHER S10	2	30	202655	AIR GUIDE PLATE	1
15	161663	WASHER/GR A 10.5 ZO	2	31	161660	WASHER/GR A6 ZO DIN125	8
16	162478	SCREW	2	32	651457	LN INS M6-1 C8 ZY DIN6924	4

# 603 - RADIATOR

## 1000126116 - (SN AC02513 - AD04738)



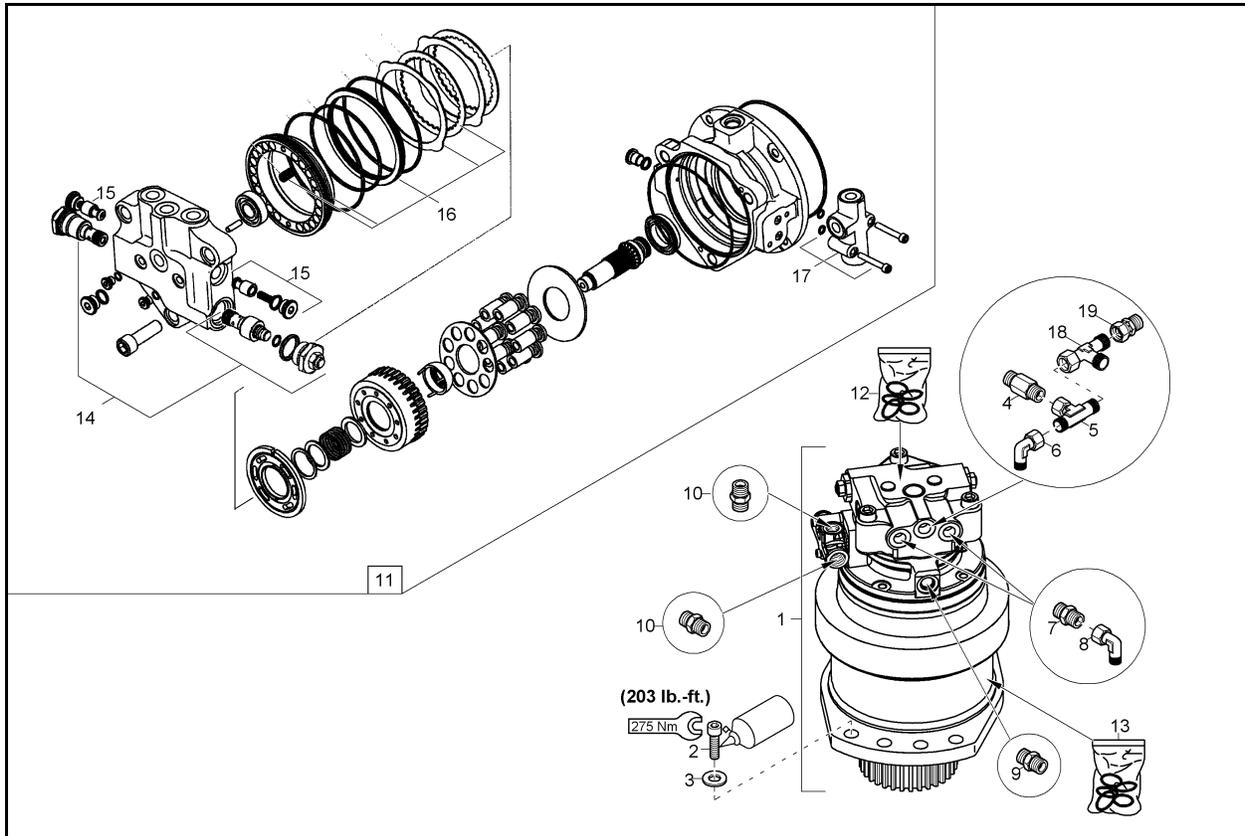
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177463	RADIATOR	1	11	163642	WASHER	2
2	177455	SCREW JOINT	2	12	206013	RUBBER PROFILE (1.50M)	1
3	204753	HOSE CLAMP	4	13	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	2
4	177538	RADIATOR HOSE/UPPER	1	14	161669	LOCKWASHER S10	2
5	177555	RADIATOR HOSE/LOWER	1	15	161663	WASHER/GR A 10.5 ZO	2
6	177547	COOLER SUPPORT	1	16	162478	SCREW	2
7	177473	RESERVOIR	1	17	161659	WASHER/GR A 5.3 ZO DIN125	2
8	178627	FAN GUARD (SN AC02513 - AD04628)	1	18	177009	BRACKET	1
9	205362	FAN GUARD (SN AD04629 - AD04738)	1	19	651448	LN INS M10-1.5 C8 ZY DIN6924	4
10	164851	RUBBER METAL BUFFER	3	20	206850	SPACER (SN AC03594 - AD04738)	2

**603 - RADIATOR**  
**1000126116 - (SN AC02513 - AD04738)**

Ref. No.	Part No.	Description	Qty.
21	206802	SYNTHETIC HOSE (0.7M)	1
22	205524	RADIATOR SHROUD (SN AD04629 - AD04738)	1
23	205525	COVER PLATE (SN AD04629 - AD04738)	1
24	177648	HEX SCREW	4
25	163670	LOCKWASHER	4
26	7462680011	WASHER 8.4 ST A2C	4

Ref. No.	Part No.	Description	Qty.
27	656149	CS M6-1 X 16 C8.8 ZY DIN931	5
28	161660	WASHER/GR A6.4 ZO DIN 125	4
29	161678	HN M6-1.00 C8 ZO	2
30	205398	RUBBER PROFILE (3.0M)	1
31	176921	RADIATOR CAP	1
32	161675	LOCKWASHER S6	3
33	7462680008	WASHER	3

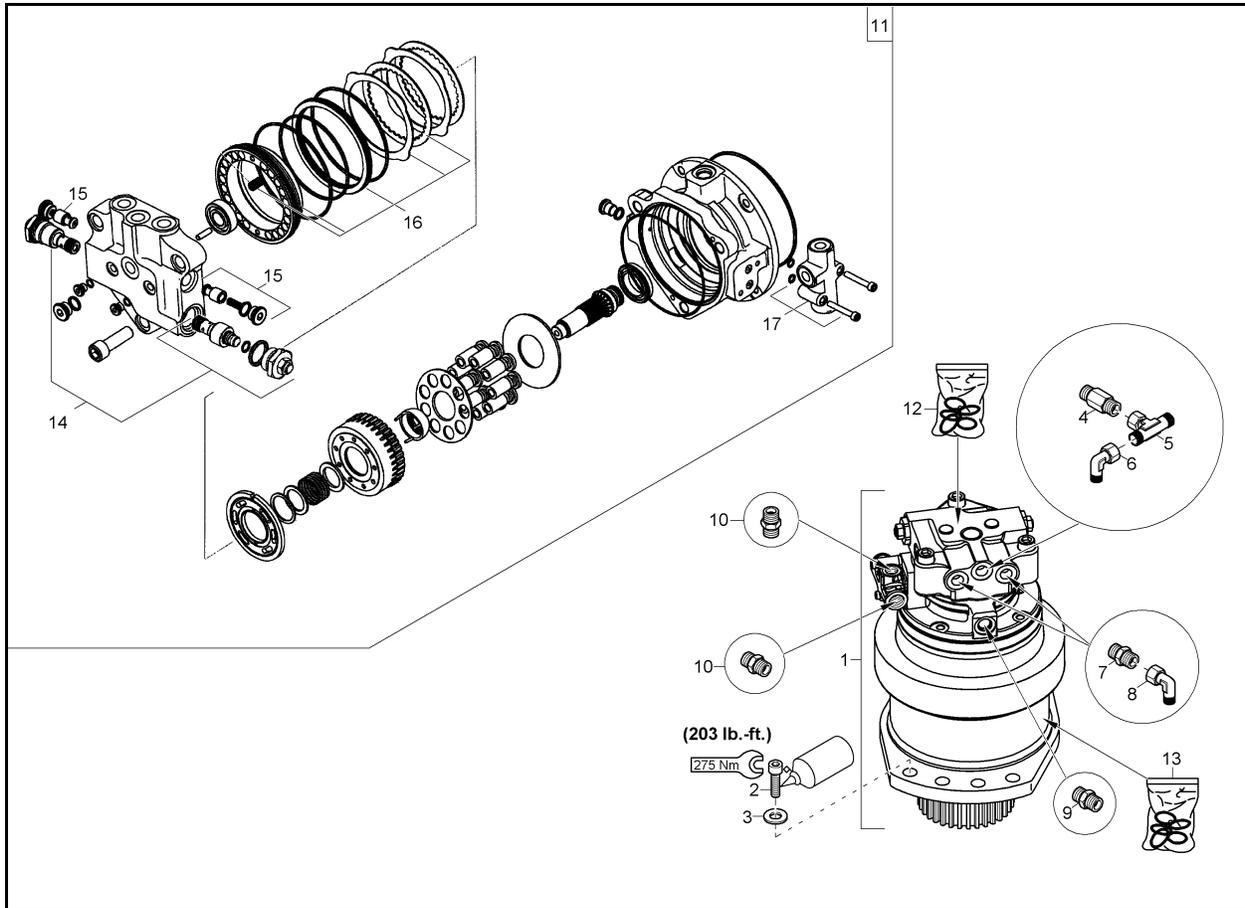
# 603 - TURNTABLE DRIVE UNIT 1000184599 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.
1	177466	TURNTABLE DRIVE UNIT COMPLETE	1
2	651497	SHCS M16-1.5 X 50 F10.9 ZY DIN912	8
3	161637	WASHER/NORD-LOCK NL 16	8
4	177878	SCREW CONNECTION	1
5	161451	TEE	1
6	161447	90° FITTING	1
7	165971	SCREW JOINT	2
8	161446	90° FITTING	2
9	165966	SCREW JOINT	1
10	164945	SCREW JOINT	2

Ref. No.	Part No.	Description	Qty.
11	177587	SWIVEL MOTOR COMPLETE	1
12	179117	SEAL KIT	1
13	177955	SEAL KIT	1
14	177588	SHOCK VALVE	1
15	162284	ANTICAVITATION VALVE KIT	1
16	178961	BRAKE ASSY	1
17	178959	TIMER VALVE	1
18	161449	TEE (SN AH00918 and up)	1
19	204715	SCREW JOINT (SN AH00918 and up)	1

# 603 - TURNTABLE DRIVE UNIT 1000126117 - (SN AC02513 - AD07207)

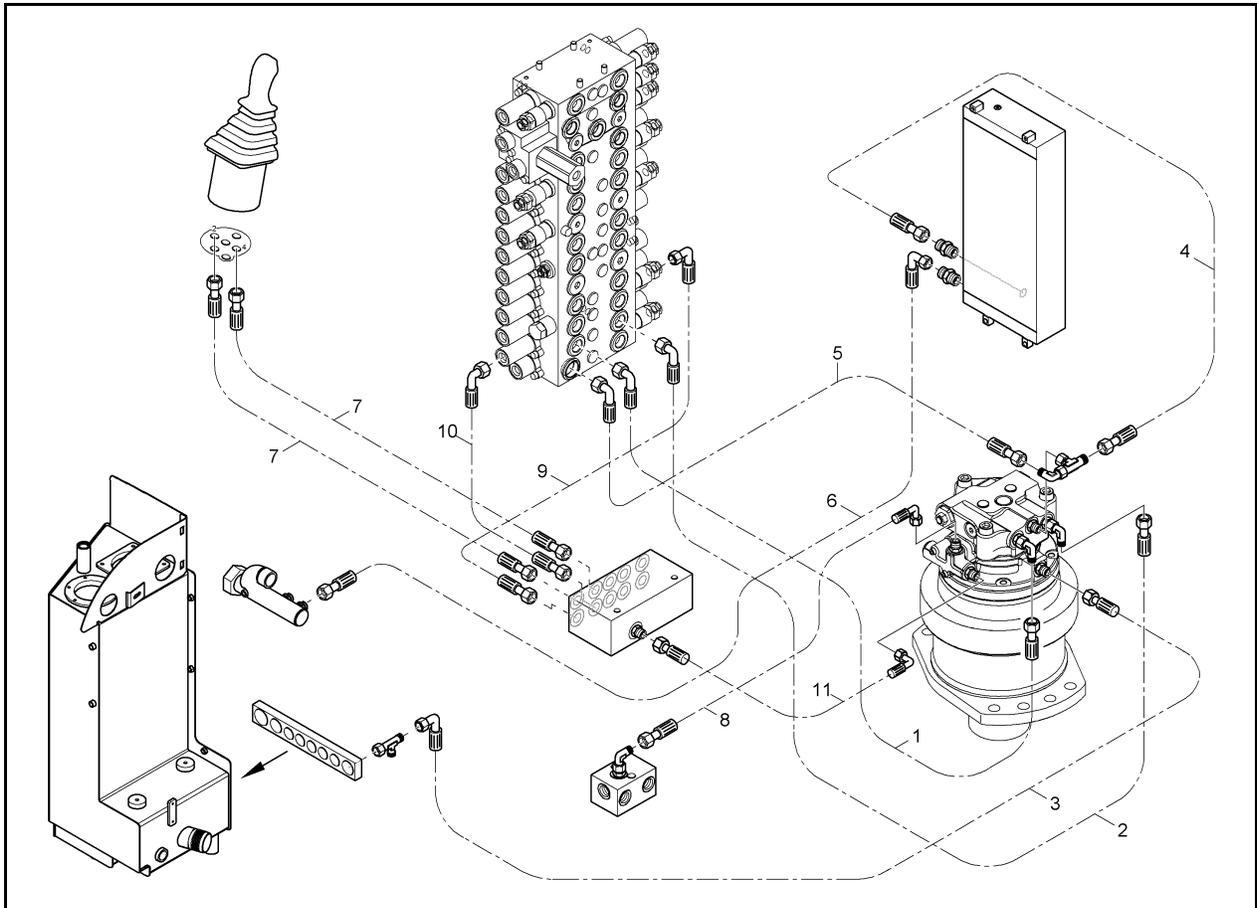


Ref. No.	Part No.	Description	Qty.
1	177466	TURNTABLE DRIVE UNIT COMPLETE	1
2	651497	SHCS M16-1.5 X 50 F10.9 ZY DIN912	8
3	161637	WASHER/NORD-LOCK NL 16	8
4	177878	SCREW CONNECTION	1
5	161451	TEE	1
6	161447	90° FITTING	1
7	165971	SCREW JOINT	2
8	161446	90° FITTING	2

Ref. No.	Part No.	Description	Qty.
9	165966	SCREW JOINT	1
10	164945	SCREW JOINT	2
11	177587	SWIVEL MOTOR COMPLETE	1
12	179117	SEAL KIT	1
13	177955	SEAL KIT	1
14	177588	SHOCK VALVE	1
15	162284	ANTI-CAVITATION VALVE KIT	1
16	178961	BRAKE ASSY	1
17	178959	TIMER VALVE	1

# 603 - TURNTABLE DRIVE UNIT INSTALLATION

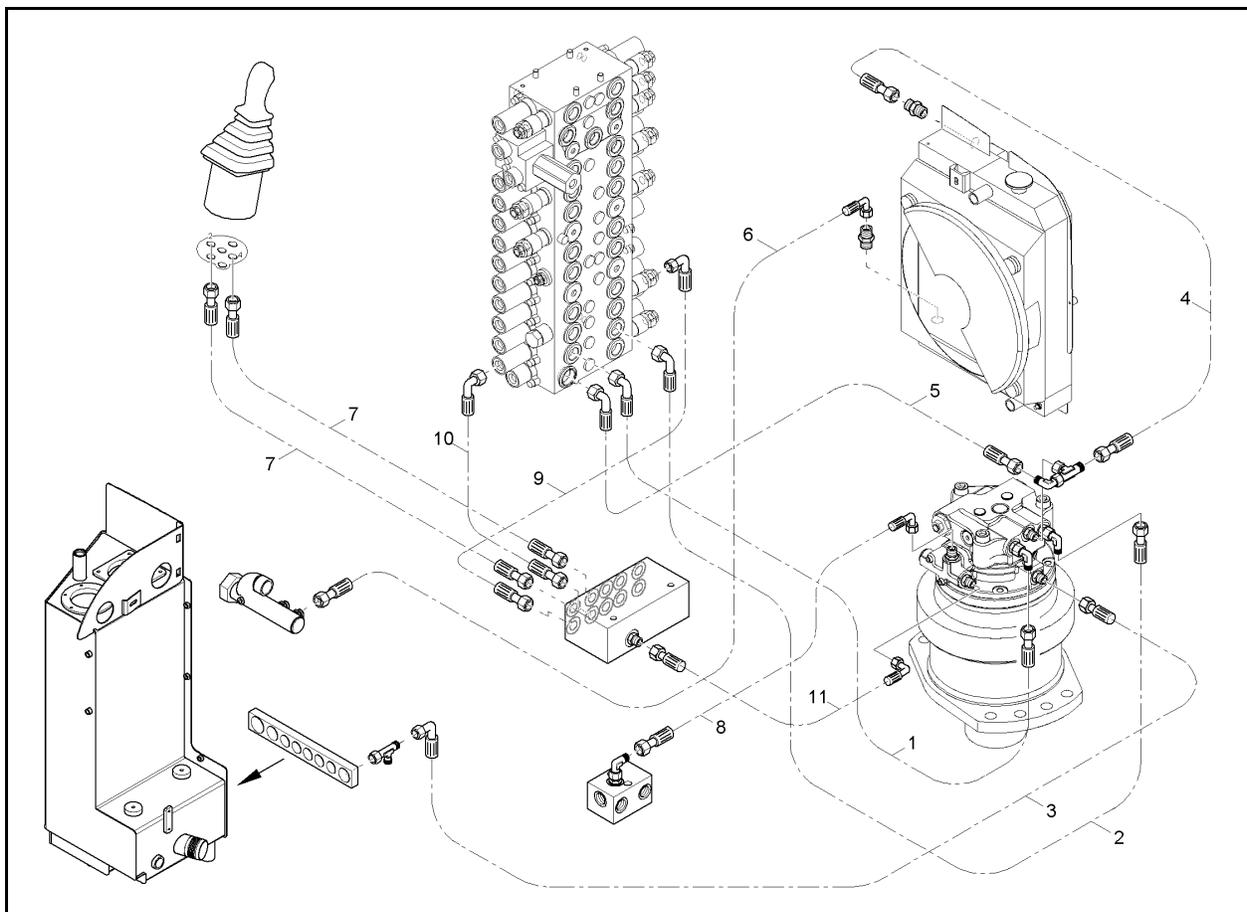
## 1000181267 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177522	HP HOSE	1	7	179544	HP HOSE	2
2	177521	HP HOSE	1	8	177542	HP HOSE	1
3	177675	HP HOSE	1	9	161220	HP HOSE	1
4	204162	HP HOSE	1	10	161350	HP HOSE	1
5	177541	HP HOSE	1	11	164792	HP HOSE	1
6	204131	HP HOSE	1				

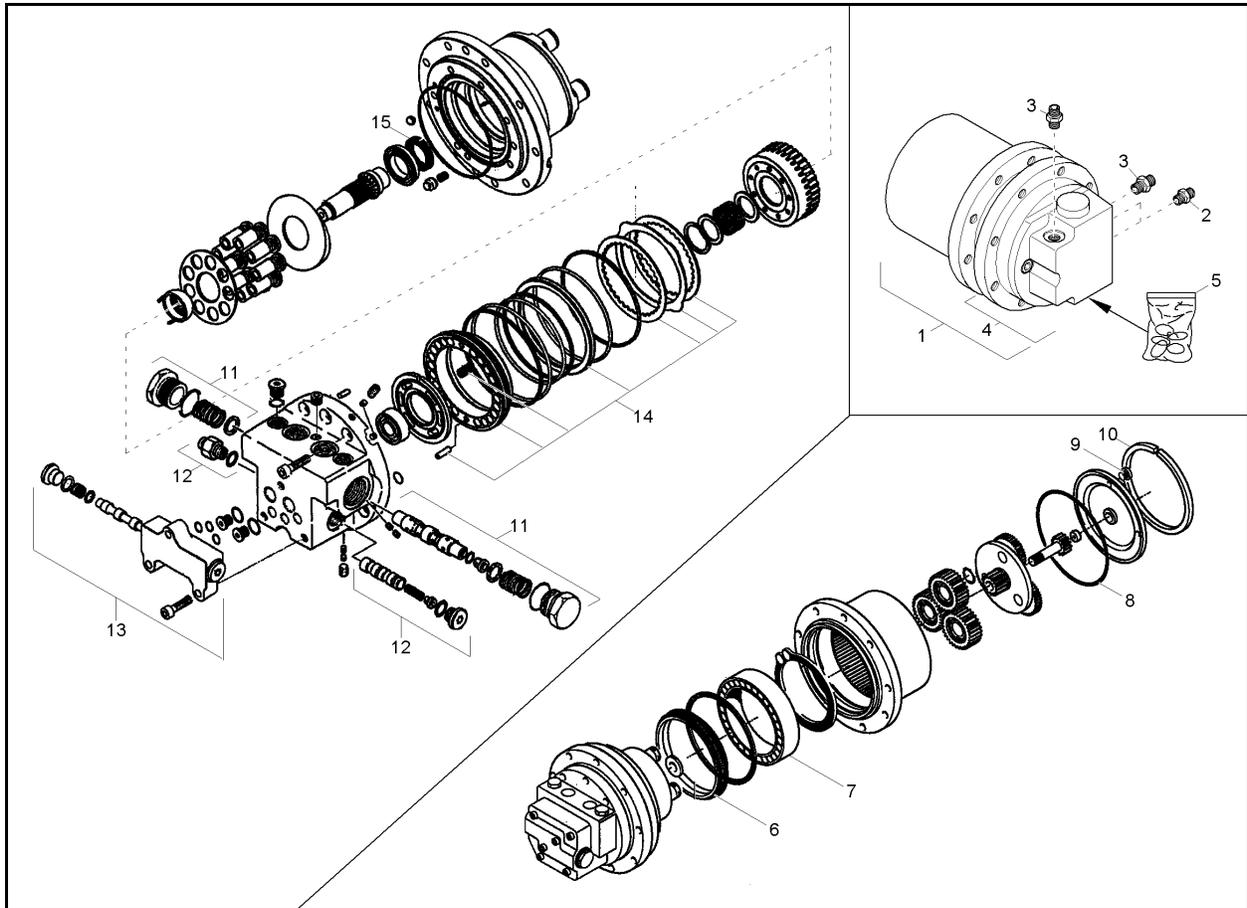
# 603 - TURNTABLE DRIVE UNIT INSTALLATION

## 1000126119 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177522	HP HOSE	1	7	179544	HP HOSE	2
2	177521	HP HOSE	1	8	177542	HP HOSE	1
3	177675	HP HOSE	1	9	161220	HP HOSE	1
4	177600	HP HOSE	1	10	161350	HP HOSE	1
5	177541	HP HOSE	1	11	164792	HP HOSE	1
6	177502	HP HOSE	1				

**603 - DRIVE UNIT**  
**1000124409**

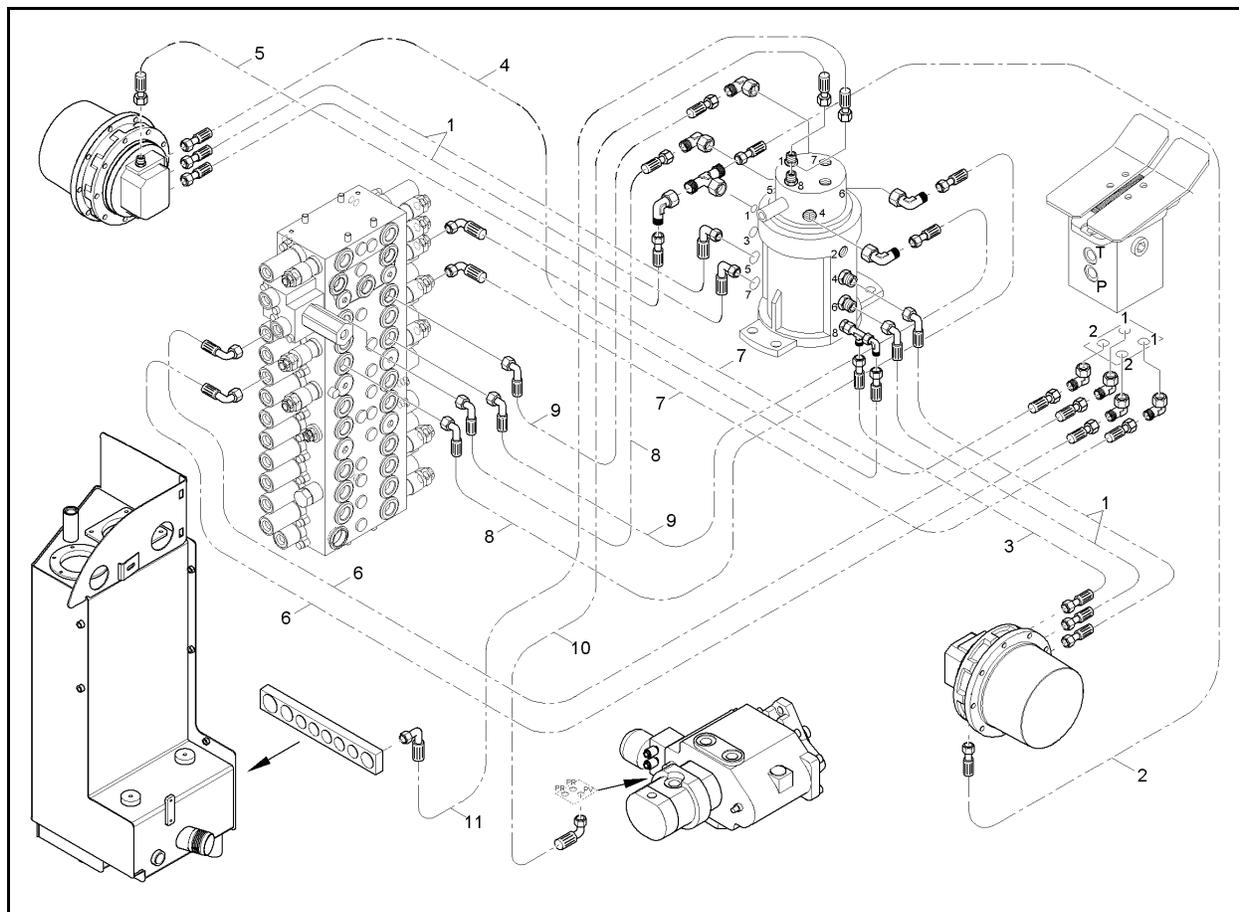


Ref. No.	Part No.	Description	Qty.
1	177709	DRIVE MOTOR COMPLETE	2
2	179843	SCREW JOINT	4
3	165970	SCREW JOINT	4
4	177982	DRIVE MOTOR	2
5	177998	SEAL KIT/DRIVE MOTOR	2
6	206128	SEAL	2
7	206129	BEARING	2
8	176945	O-RING	2

Ref. No.	Part No.	Description	Qty.
9	176943	PLUG	2
10	176944	LOCK RING	2
11	206132	BRAKE VALVE	2
12	206133	CONTROL PLUNGER	2
13	206134	ANTI-CAVITATION VALVE	2
14	206135	DRIVE BRAKE KIT	2
15	162186	SEAL KIT	2

# 603 - DRIVE UNIT INSTALLATION

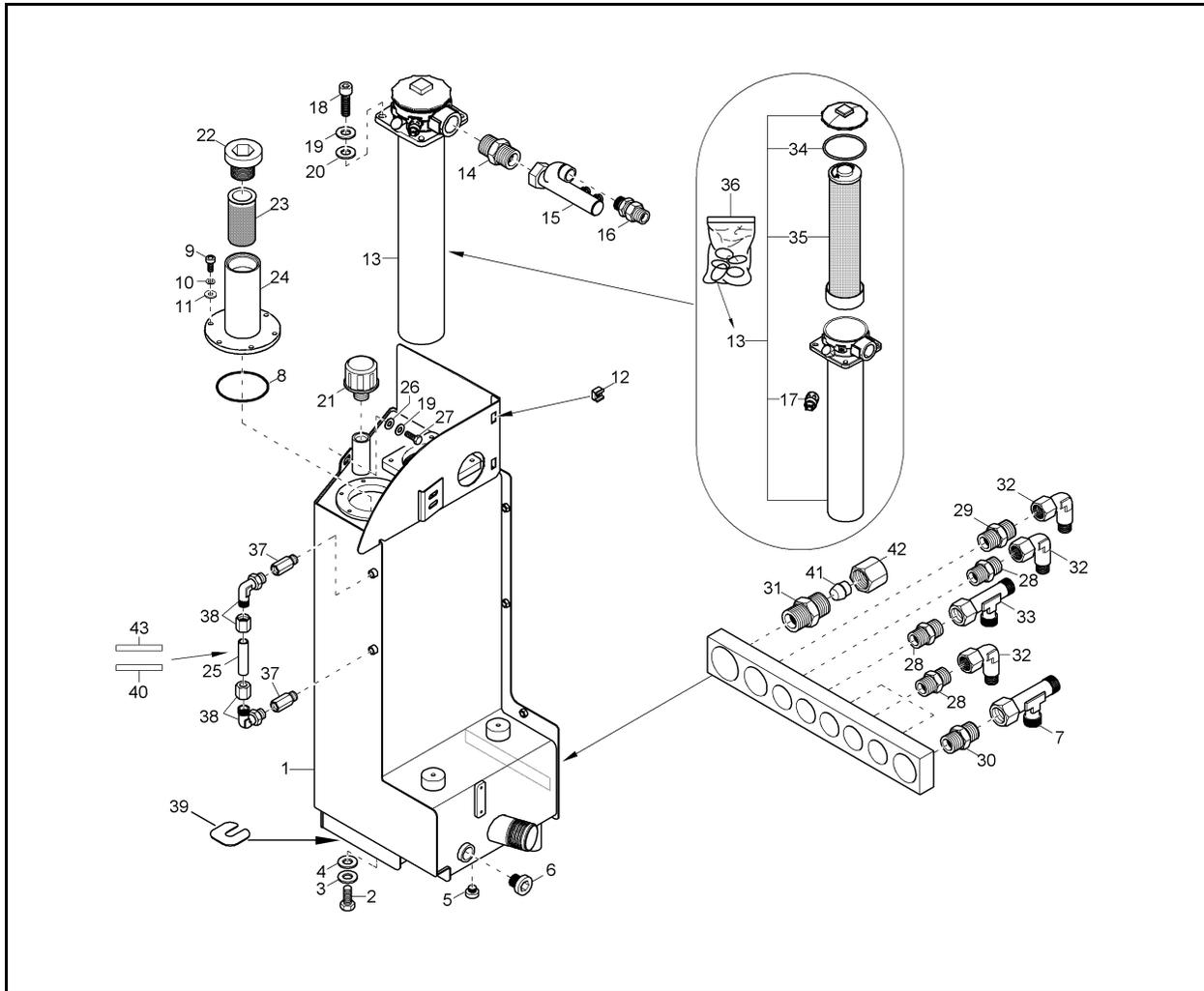
1000126217



Ref. No.	Part No.	Description	Qty.
1	177853	HP HOSE	4
2	161256	HP HOSE	1
3	161253	HP HOSE	1
4	161254	HP HOSE	1
5	161255	HP HOSE	1
6	177673	HP HOSE	2

Ref. No.	Part No.	Description	Qty.
7	177668	HP HOSE	2
8	177514	HP HOSE	2
9	177515	HP HOSE	2
10	177452	HP HOSE	1
11	163297	HP HOSE	1

# 603 - HYDRAULIC OIL TANK 1000180702 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202501	HYDRAULIC OIL TANK	1	16	178646	NON-RETURN VALVE	1
2	162480	SCREW	3	17	202553	PRESSURE SWITCH	1
3	163651	WASHER	3	18	162022	SCREW	4
4	161645	WASHER/GR A 13 DIN7349	3	19	161669	LOCKWASHER S10	5
5	161415	PLUG	1	20	161640	WASHER/GR A 10.5	4
6	164925	SCREW	1	21	1528425G	BREATHER	1
7	162062	ELBOW	1	22	177930	FILLER CAP	1
8	161573	O-RING	1	23	205505	HYDRAULIC OIL ELEMENT	1
9	651515	SHCS M8-1.25 X 20 C8.8 ZY DIN912	6	24	204947	OIL TANK FILLER NECK	1
10	163670	LOCKWASHER	6	25	206157	PIPE LINE (0.4M)	1
11	163634	WASHER	6	26	161663	WASHER/GR A 10.5 ZO	1
12	177700	CAGE NUT	2	27	651393	CS M10-1.5 X 25 C8.8 ZY	1
13	202502	RETURN FILTER	1	28	161426	SCREW JOINT	5
14	179808	SCREW JOINT	1	29	161427	SCREW JOINT	1
15	202503	MANIFOLD	1	30	161429	SCREW JOINT 12L	1

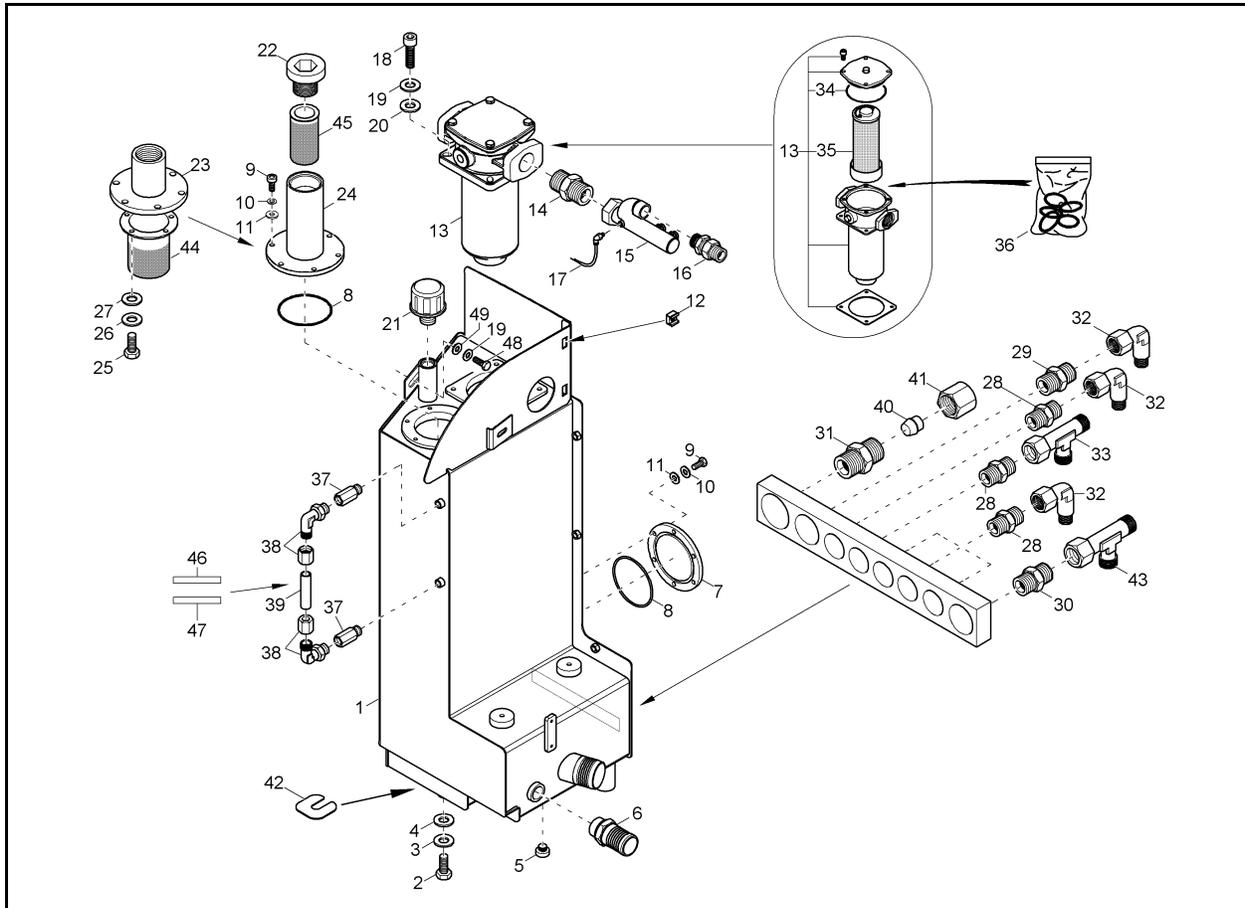
**603 - HYDRAULIC OIL TANK  
1000180702 - (SN AH00645 AND UP)**

Ref. No.	Part No.	Description	Qty.
31	177456	SCREW JOINT	1
32	161443	90° FITTING	5
33	161448	TEE	1
34	202504	O-RING	1
35	202505	HYDRAULIC OIL FILTER ELEMENT	1
36	207894	SEAL KIT	1
37	177654	SCREW JOINT	2
38	177974	ANGLE SCREW JOINT	2

Ref. No.	Part No.	Description	Qty.
39	206849	SHIM (0.5 MM)	AR
	208224	SHIM (1.0 MM)	AR
	208225	SHIM (2.0 MM)	AR
	208226	SHIM (3.0 MM)	AR
40	206407	DECAL/MARKING	1
41	164927	PLUG	1
42	164929	NUT	1
43	206406	DECAL/MARKING	1

# 603 - HYDRAULIC OIL TANK

## 1000126131 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177757	HYDRAULIC OIL TANK	1	22	177930	FILLER CAP	1
2	162480	SCREW	3	23	177873	OIL TANK FILLER NECK (SN AC02513 - AD04679)	1
3	163651	WASHER	3	24	204947	OIL TANK FILLER NECK (SN AD04680 - AD07207)	1
4	161645	WASHER/GR A 13 DIN7349	3	25	206436	HEX SCREW	6
5	161415	PLUG	1	26	161674	LOCKWASHER S16	6
6	177546	HOSE CONNECTION	1	27	161659	WASHER/GR A 5.3 ZO DIN125	6
7	177816	COVER PLATE	1	28	161426	SCREW JOINT	5
8	161573	O-RING	2	29	161427	SCREW JOINT	1
9	651515	SHCS M8-1.25 X 20 C8.8 ZY DIN912	12	30	161429	SCREW JOINT 12L	1
10	163670	LOCKWASHER	12	31	177456	SCREW JOINT	1
11	163634	WASHER	12	32	161443	90° FITTING	5
12	177700	CAGE NUT	2	33	161448	TEE	1
13	177959	RETURN FILTER	1	34	179865	O-RING	1
14	177689	SCREW JOINT	1	35	161067	HYDRAULIC OIL FILTER ELEMENT	1
15	177760	MANIFOLD	1	36	160996	SEAL KIT	1
16	178646	NON-RETURN VALVE	1	37	177654	SCREW JOINT	2
17	163001	PRESSURE SWITCH	1	38	177974	ANGLE SCREW JOINT	2
18	162022	SCREW	4	39	206157	PIPE LINE (0.4M)	1
19	161669	LOCKWASHER S10	5	40	164927	PLUG	1
20	161640	WASHER/GR A 10.5	4				
21	1528425G	BREATHER	1				

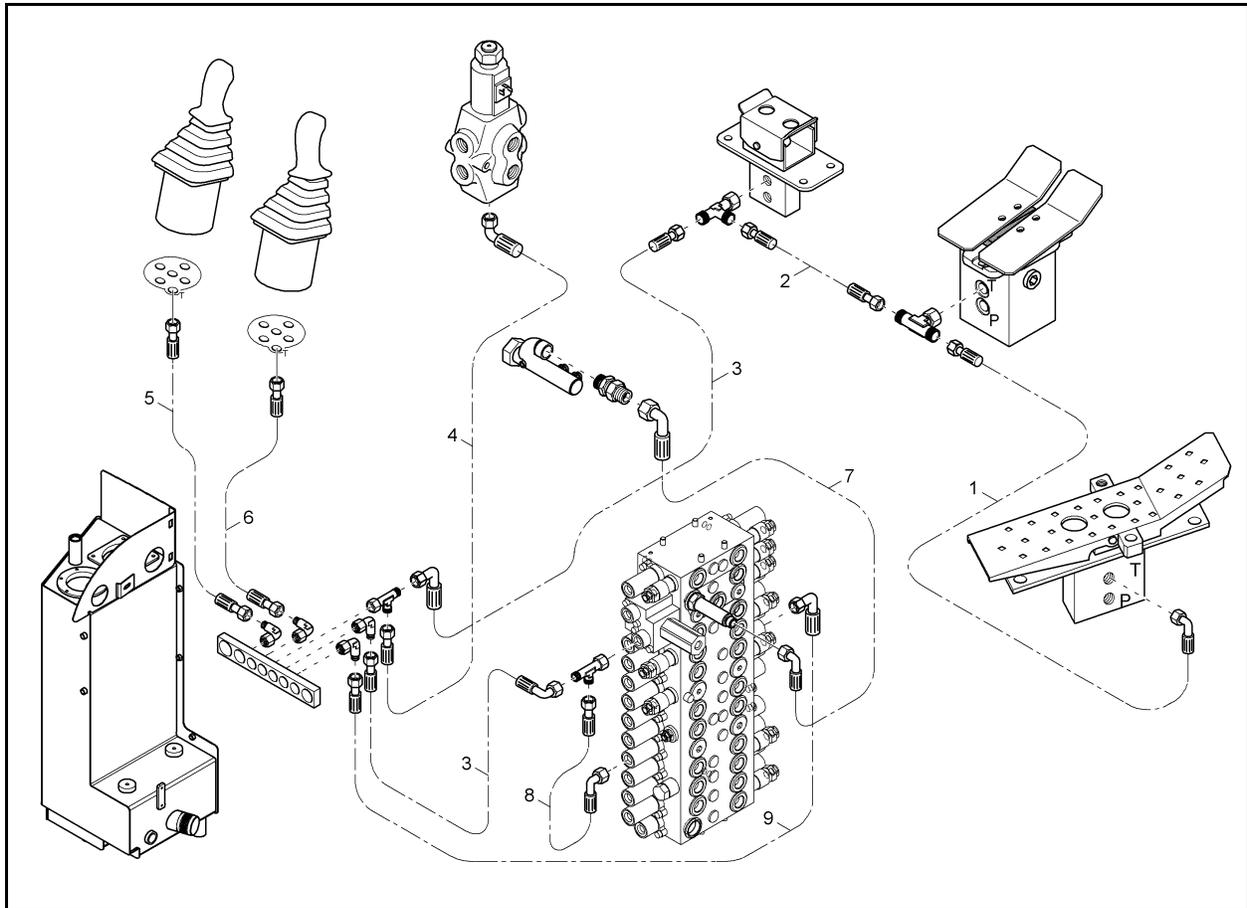
**603 - HYDRAULIC OIL TANK**  
**1000126131 - (SN AC02513 - AD07207)**

Ref. No.	Part No.	Description	Qty.
41	164929	NUT	1
42	206849	SHIM (0.5 MM)	AR
	208224	SHIM (1.0 MM)	AR
	208225	SHIM (2.0 MM)	AR
	208226	SHIM (3.0 MM)	AR
43	162062	ELBOW	1
44	161397	HYDRAULIC OIL STRAINER	1
45	205505	HYDRAULIC OIL ELEMENT	1

Ref. No.	Part No.	Description	Qty.
46	206406	DECAL/MARKING (SN AC02925 - AD07207)	1
47	206407	DECAL/MARKING (SN AC02925 - AD07207)	1
48	651393	CS M10-1.5 X 25 C8.8 ZY	1
49	161663	WASHER/GR A 10.5 ZO	1

# 603 - HYDRAULIC OIL TANK HOSES

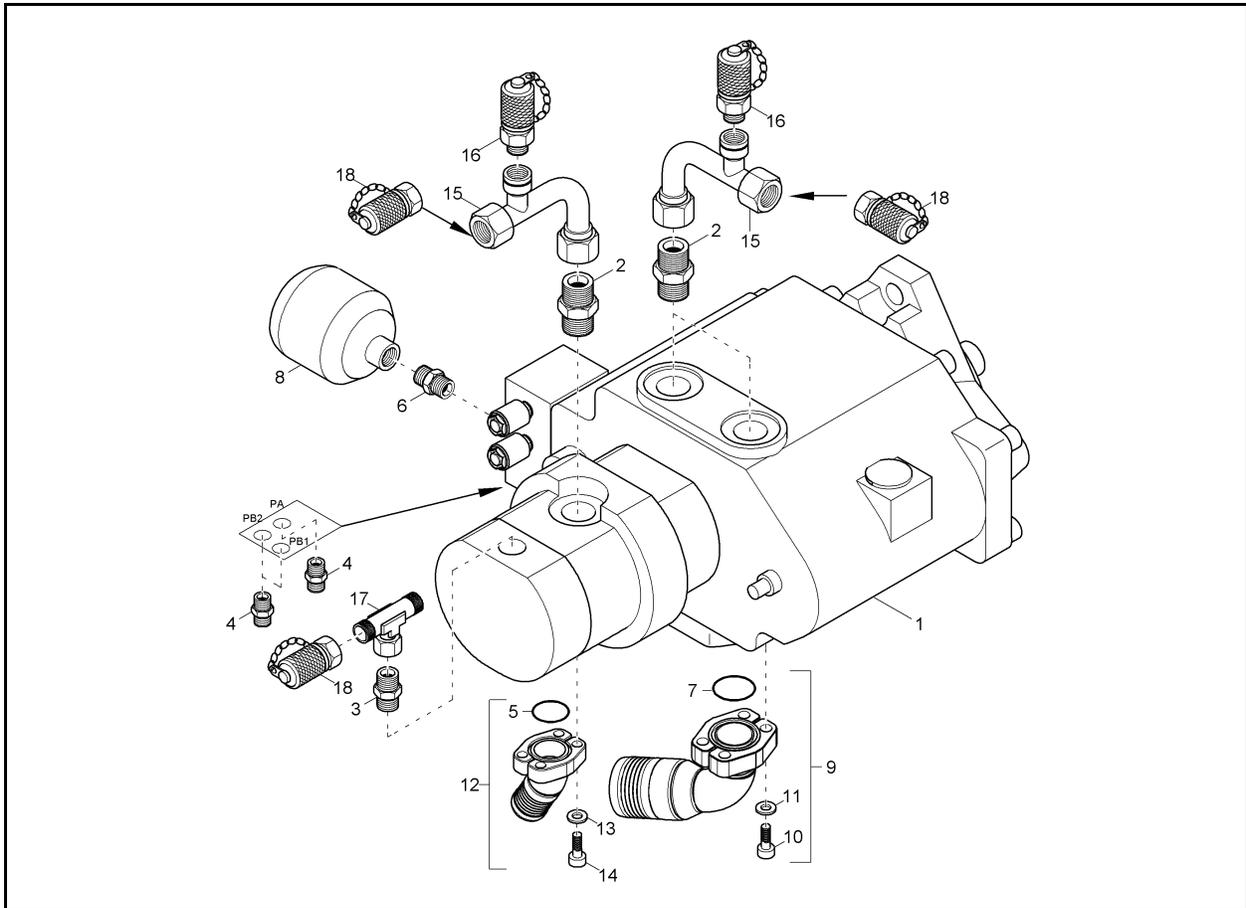
1000127078 & 1000180690



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177951	HP HOSE	1	6	178512	HP HOSE	1
2	177952	HP HOSE	1	7	177513	HP HOSE	1
3	161276	HP HOSE	2	8	177950	HP HOSE	1
4	177730	HP HOSE	1	9	161220	HP HOSE	1
5	177856	HP HOSE	1				

# 603 - HYDRAULIC PUMP/EXTERNAL PARTS

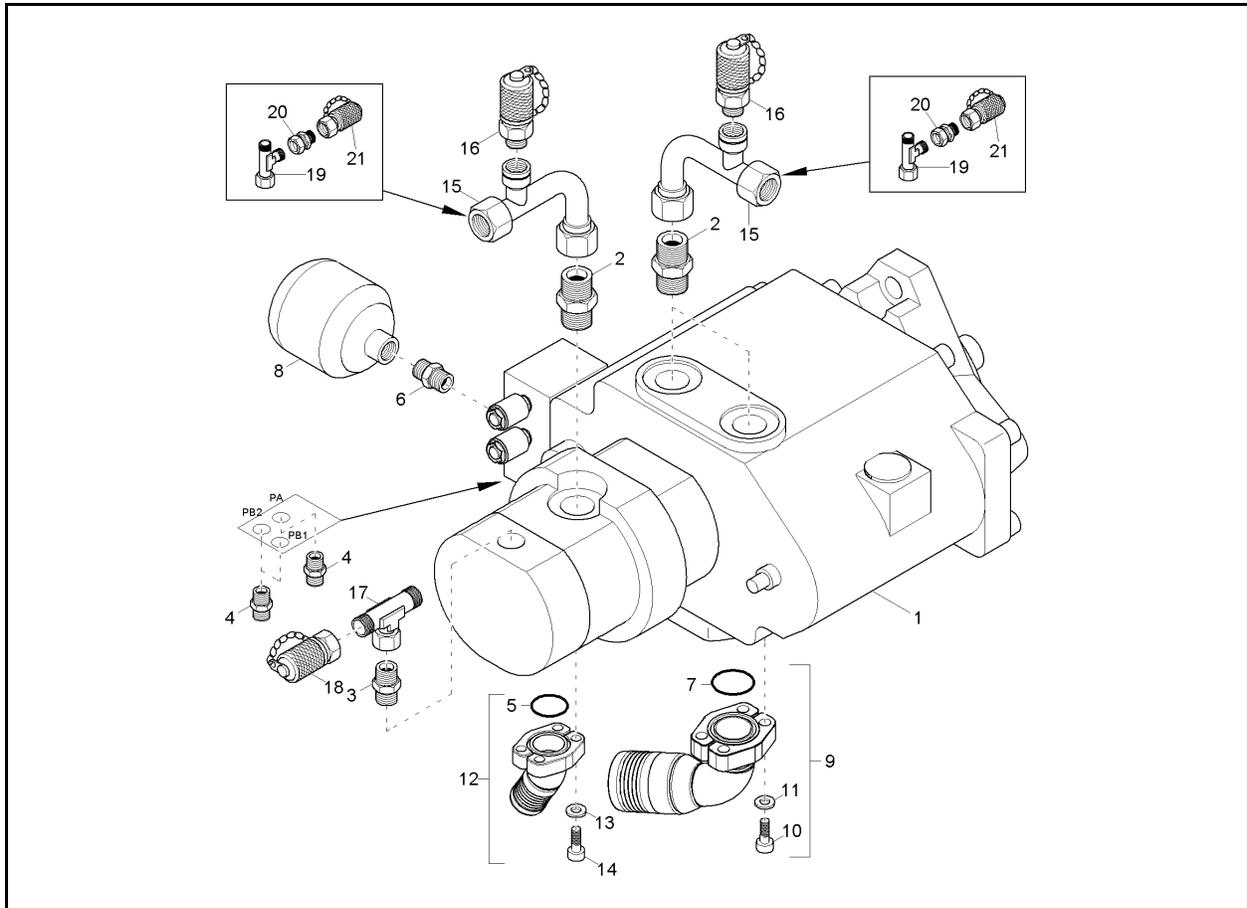
## 1000181329 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177464	HYDRAULIC PUMP	1	10	9901225G	SCREW	4
2	179818	SCREW JOINT	3	11	163651	WASHER	4
3	165970	SCREW JOINT	1	12	177545	SUCTION FLANGE	1
4	164945	SCREW JOINT	3	13	651475	SHCS M10-1.25 X 30 F8.8 ZY DIN912	4
5	177459	O-RING	1	14	161669	LOCKWASHER S10	4
6	206375	ADAPTOR	1	15	207405	ELBOW	3
7	163211	O-RING	1	16	204847	TEST PORT	3
8	160437	ACCUMULATOR	1	17	161450	TEE	1
9	177494	SUCTION FLANGE	1	18	0003638466	TEST CONNECTION 8 L A3C	4

# 603 - HYDRAULIC PUMP/EXTERNAL PARTS

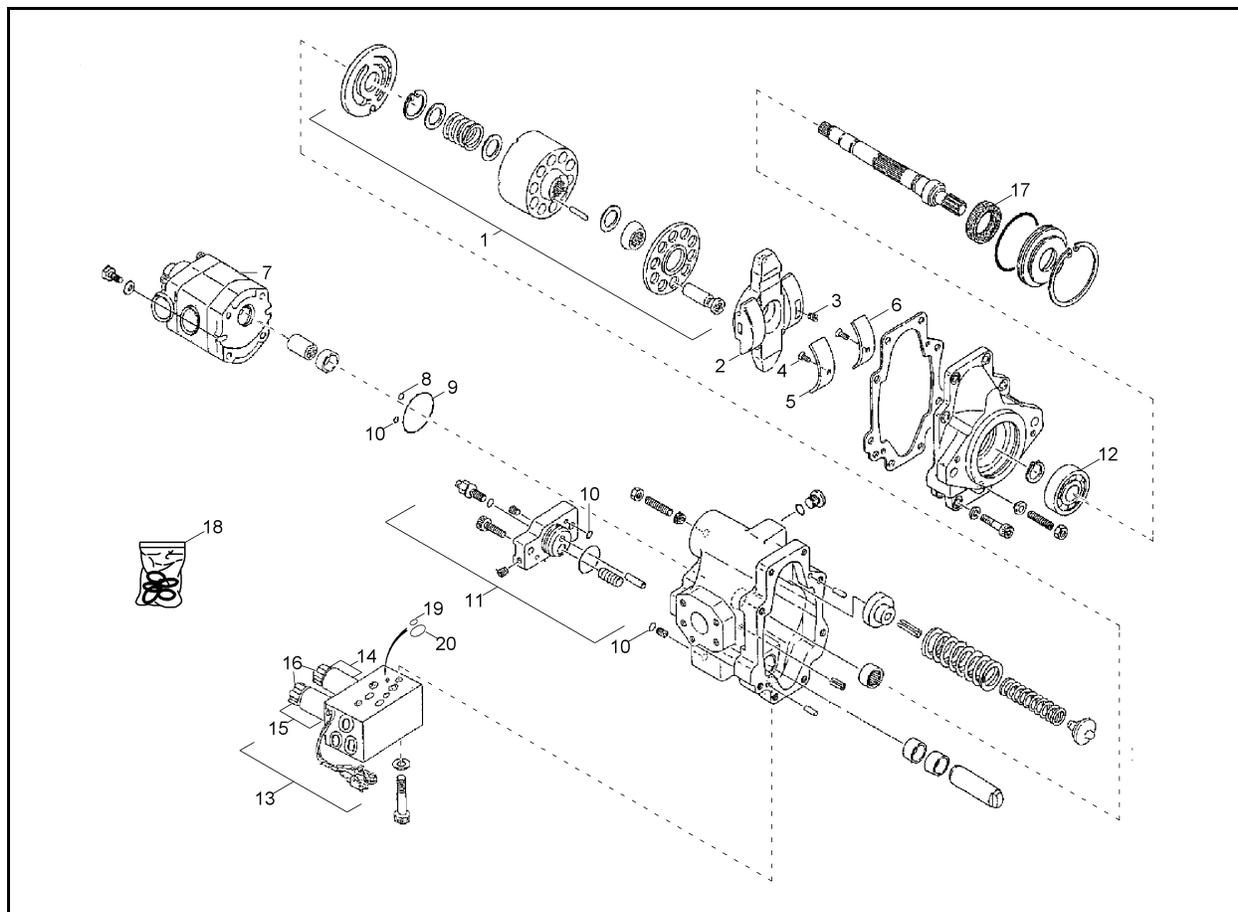
1000126132 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177464	HYDRAULIC PUMP	1	13	651475	SHCS M10-1.2 X 30 8.8 ZO	4
2	179818	SCREW JOINT	3	14	161669	LOCKWASHER S10	4
3	165970	SCREW JOINT	1	15	207405	ELBOW (SN AD03368 - AD07207)	3
4	164945	SCREW JOINT	3	16	204847	TEST PORT (SN AD03368 - AD07207)	3
5	177459	O-RING	1	17	161450	TEE	1
6	206375	ADAPTER	1	18	0003638466	TEST CONNECTION 8 L A3C	1
7	163211	O-RING	1	19	161449	ELBOW (SN AC02513 - AD03367)	3
8	160437	ACCUMULATOR	1	20	161460	REDUCTION JOINT (SN AC02513 - AD03367)	3
9	177494	SUCTION FLANGE	1	21	0003638466	TEST CONNECTION 8 L A3C (SN AC02513 - AD03367)	3
10	9901225G	SCREW	4				
11	163651	WASHER	4				
12	177545	SUCTION FLANGE	1				

# 603 - HYDRAULIC PUMP/INTERNAL PARTS

1000126133

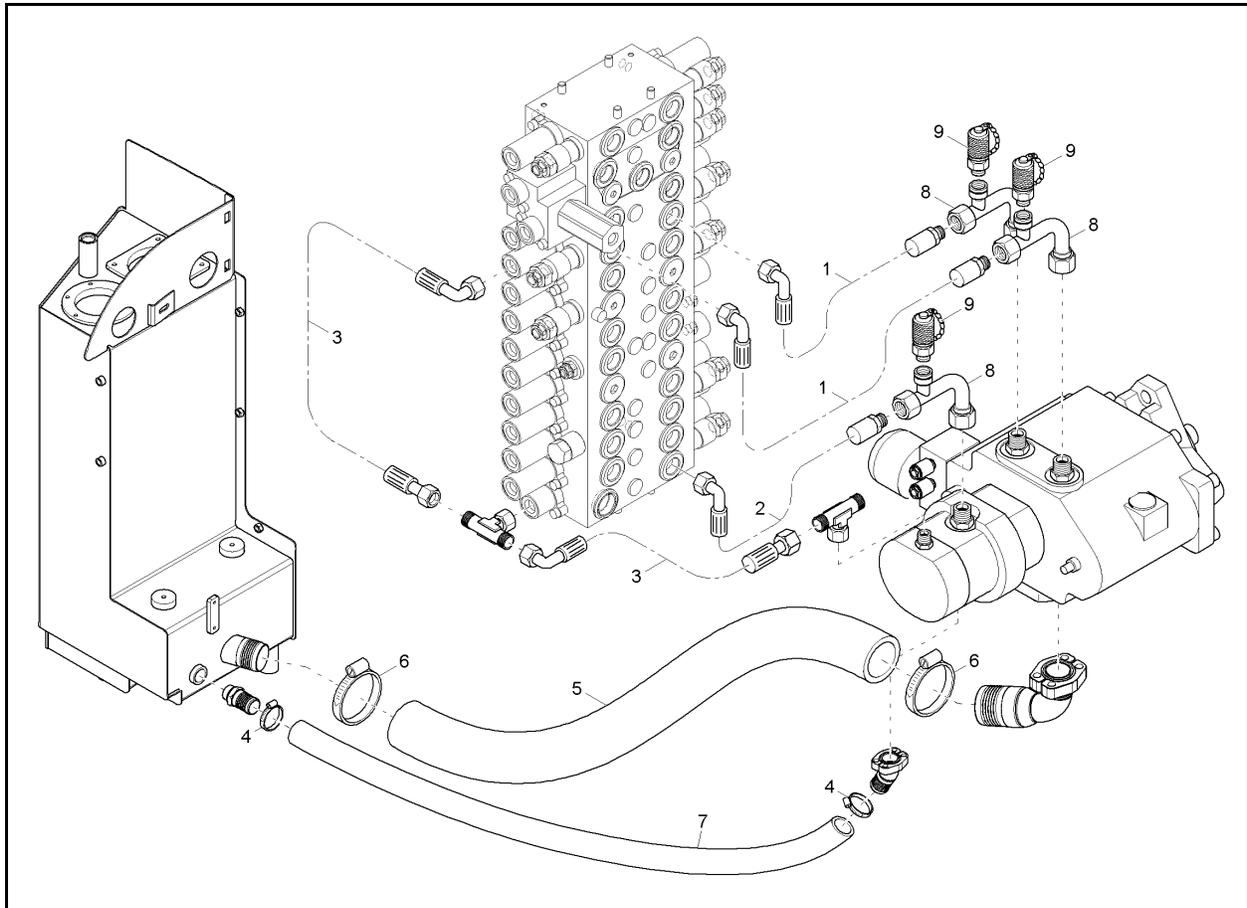


Ref. No.	Part No.	Description	Qty.
1	205487	DRIVE UNIT	1
2	205476	SWASH PLATE	1
3	205475	SCREW	1
4	205471	SCREW	2
5	205472	BEARING	1
6	205473	BEARING	1
7	177616	GEAR PUMP	1
8	178812	O-RING	1
9	179135	O-RING	1
10	205701	O-RING	3
11	205470	CONTROL HOUSING	1

Ref. No.	Part No.	Description	Qty.
12	205474	BEARING	1
13	178001	VALVE	1
14	1528406G	SOLENOID SWITCH (TWO-LEVEL DRIVE POSITION)	1
15	1528407G	SOLENOID SWITCH (SAFETY VALVE)	1
16	178811	SCREW	2
17	205702	ROTARY SHAFT SEAL	1
18	177615	SEAL KIT/HYDRAULIC PUMP	1
19	205701	O-RING	1
20	204952	O-RING	1

# 603 - HYDRAULIC PUMP INSTALLATION

## 1000127114 - (SN AC03368 AND UP)

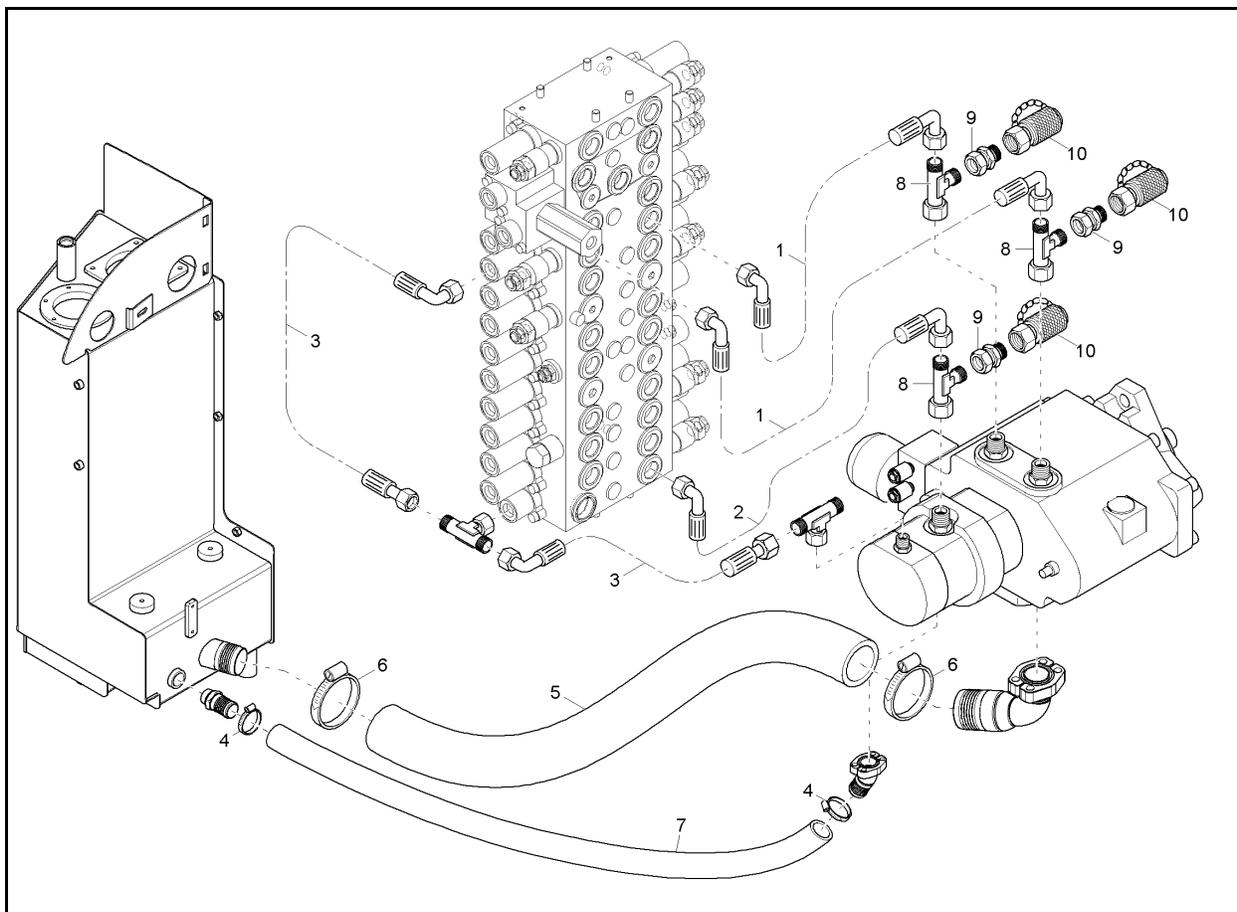


Ref. No.	Part No.	Description	Qty.
1	207351	HP HOSE	2
2	207358	HP HOSE	1
3	177671	HP HOSE	2
4	205086	HOSE CLAMP	2
5	177493	SUCTION HOSE	1

Ref. No.	Part No.	Description	Qty.
6	162610	HOSE CLAMP	2
7	177572	SUCTION HOSE	1
8	207405	ELBOW	3
9	204847	TEST PORT	3

# 603 - HYDRAULIC PUMP INSTALLATION

## 1000149371 - (SN AC02513 - AC03367)

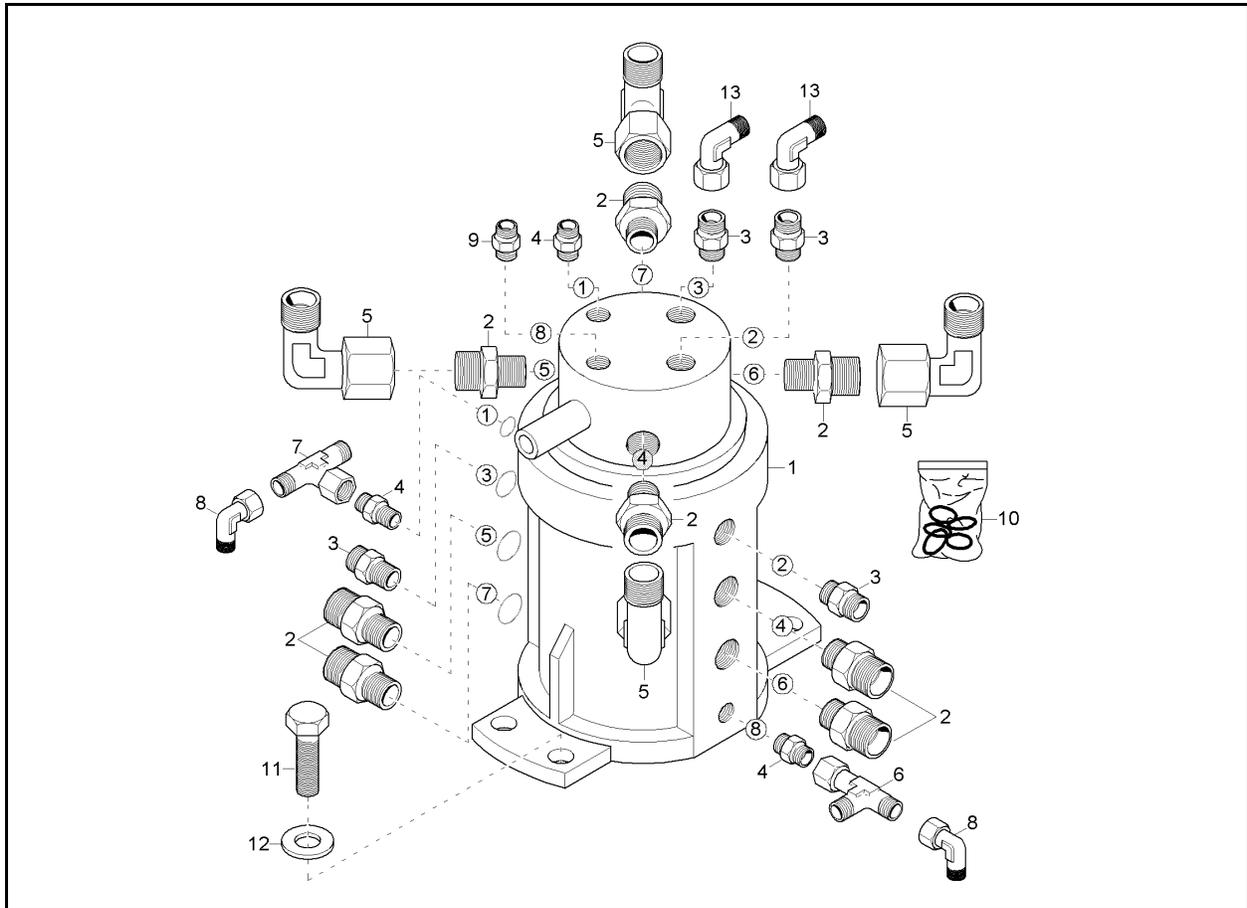


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207028	HOSE KIT *	2	7	177572	SUCTION HOSE	1
2	207027	HOSE KIT **	1	8	161449	TEE	3
3	177671	HP HOSE	2	9	161460	REDUCTION JOINT	3
4	205086	HOSE CLAMP	2	10	0003638466	TEST CONNECTION 8 L A3C	3
5	177493	SUCTION HOSE	1				
6	162610	HOSE CLAMP	2				

\* Hose kit #207028 replaces items 1, 8, 9, and 10.  
 \*\* Hose kit #207027 replaces items 2, 8, 9, and 10.

# 603 - SWIVEL JOINT

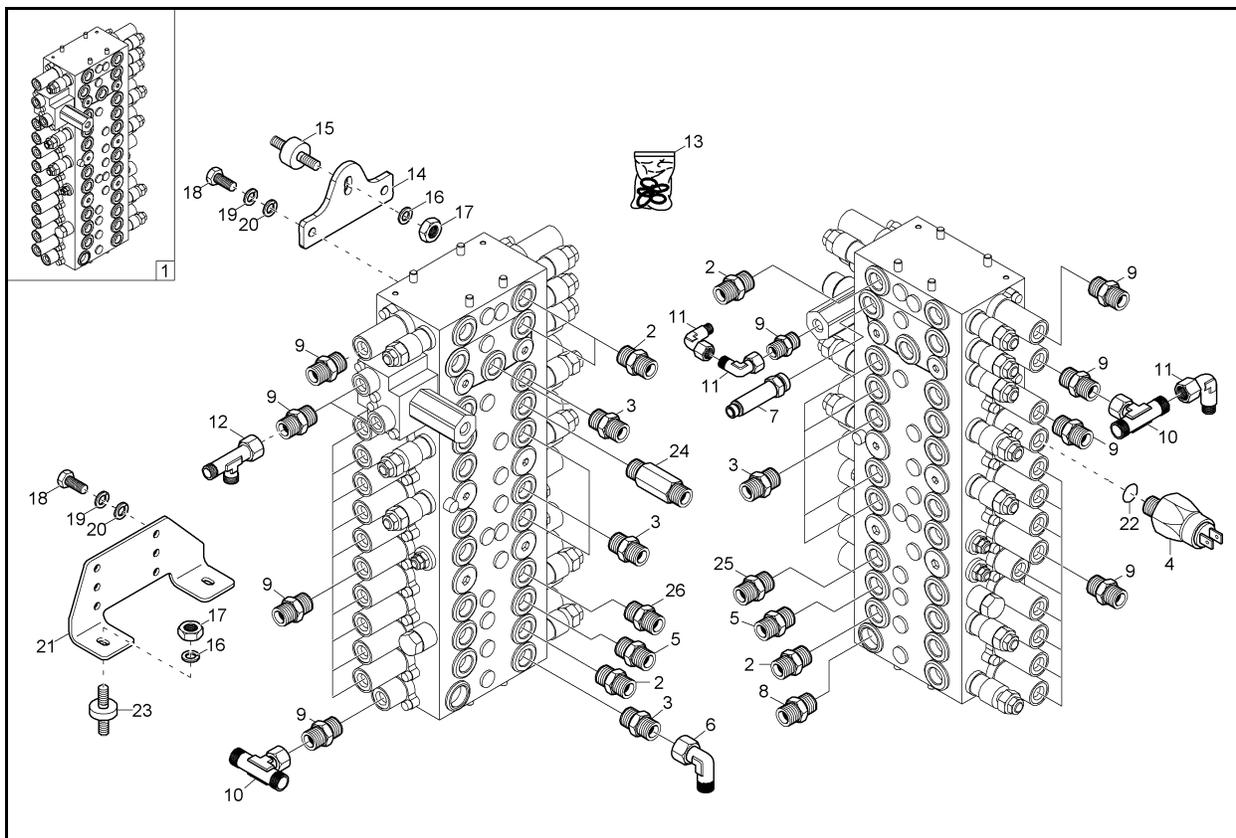
## 1000126137



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179138	SWIVEL JOINT	1	8	161443	90° FITTING	2
2	9910346G	SCREW JOINT	8	9	161459	SCREW JOINT	1
3	161429	SCREW JOINT 12L	4	10	179139	SEAL KIT	1
4	161426	SCREW JOINT	3	11	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	4
5	161447	90° FITTING	4	12	163641	WASHER	4
6	161448	TEE	1	13	161445	90° FITTING	2
7	161450	TEE	1				

# 603 - CONTROL VALVE FITTINGS

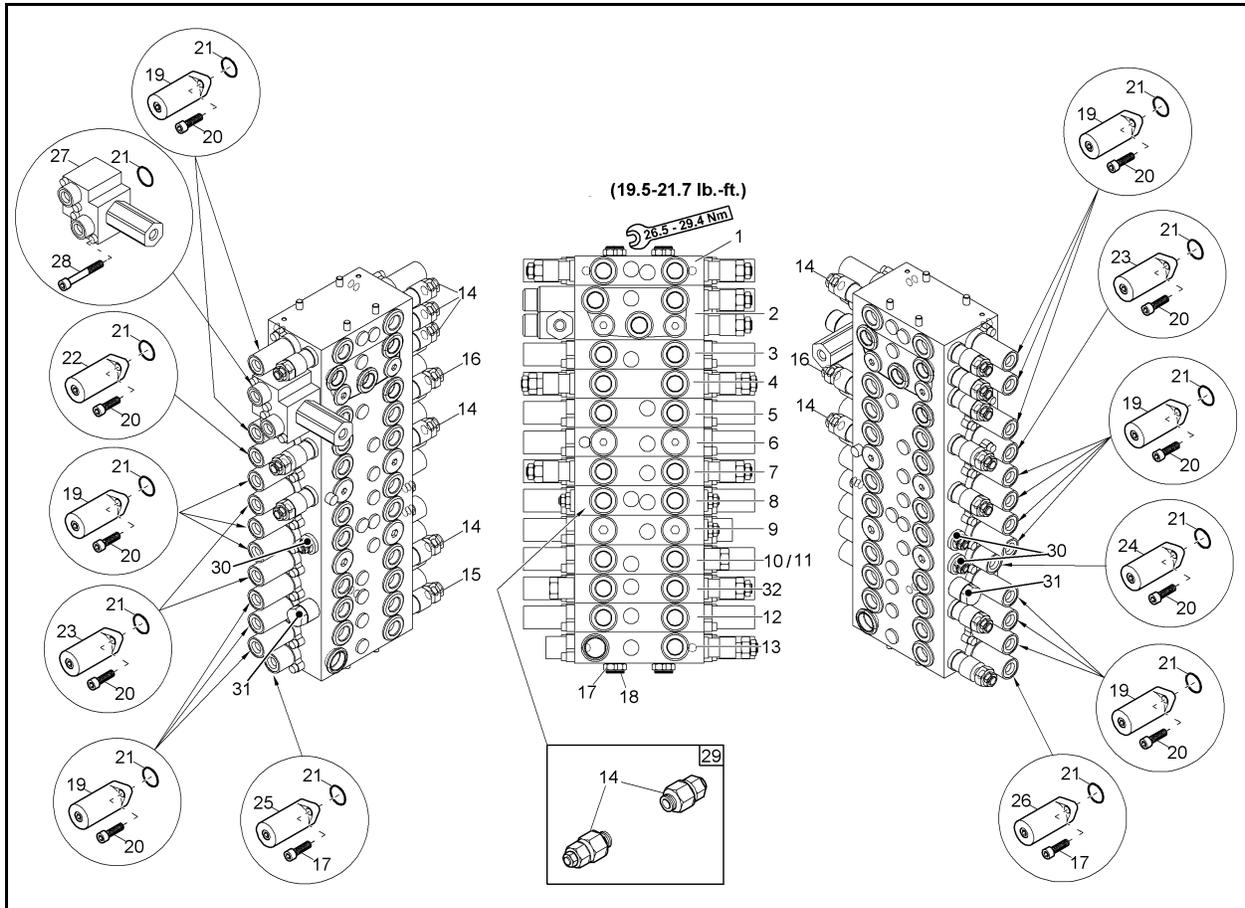
## 1000181205 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205514	CONTROL VALVE COMPLETE	1	14	177762	FASTEN PLATE	1
2	165965	SCREW JOINT	5	15	164851	RUBBER METAL BUFFER	1
3	179843	SCREW JOINT	11	16	163642	WASHER	3
4	202511	PRESSURE SWITCH	1	17	651448	LN INS M10-1.5 C8 ZY DIN6924	3
5	165967	SCREW JOINT	2	18	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	4
6	161447	90° FITTING	1	19	161669	LOCKWASHER S10	4
7	177876	SCREW CONNECTION	1	20	161640	WASHER/GR A 10.5	4
8	164947	SCREW JOINT	1	21	205478	ANGLE BRACKET	1
9	164945	SCREW JOINT	27	22	202512	O-RING	1
10	161450	TEE	2	23	206409	RUBBER BUFFER	2
11	161443	90° FITTING	3	24	205493	SCREW JOINT	1
12	161448	TEE	2	25	206410	SCREW JOINT	1
13	177599	SEAL KIT/CONTROL VALVE	1	26	208305	SCREW JOINT	1

# 603 - CONTROL VALVE SEGMENTS

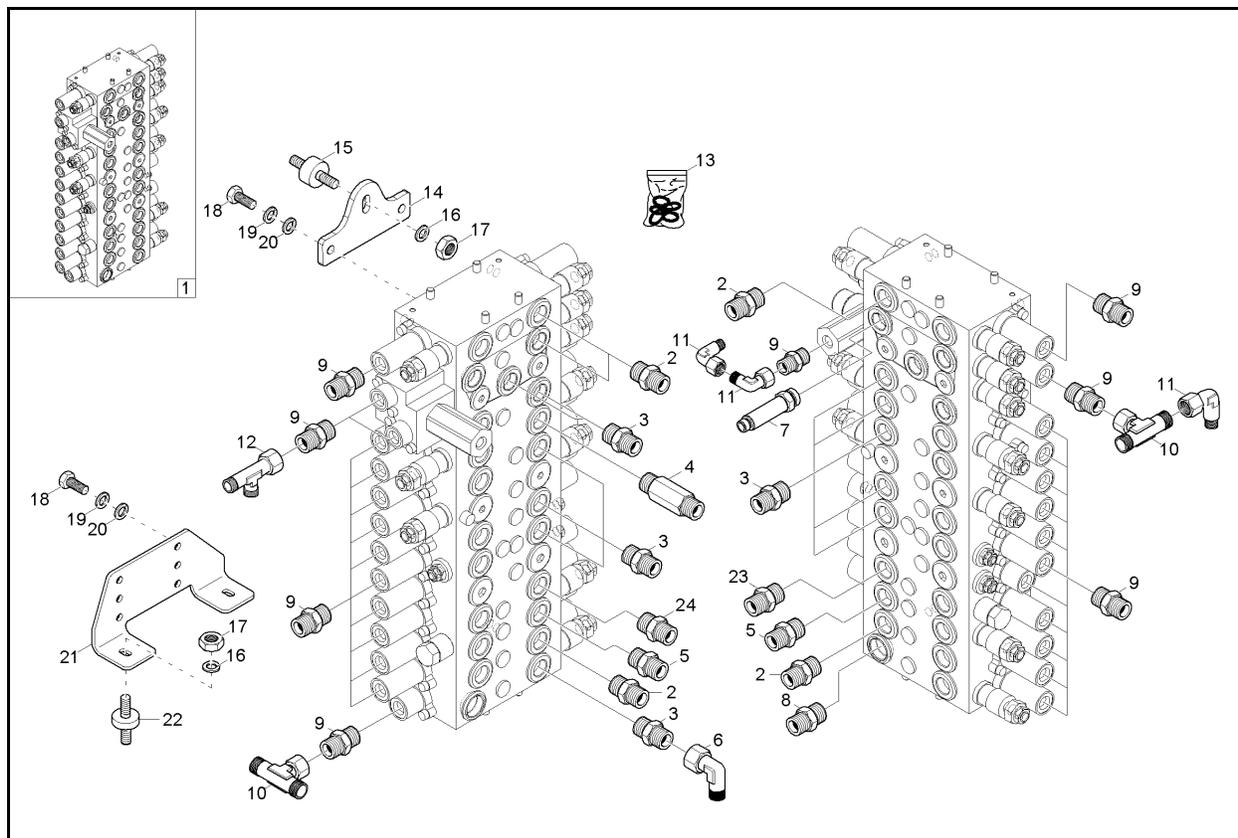
## 1000185768 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177598	BUCKET SEGMENT	1	17	178100	NUT	8
2	177591	LIFTING BOOM SEGMENT	1	18	177597	TIE ROD	4
3	178078	SEGMENT LT	1	19	178091	VALVE CAP	17
4	178080	INPUT SEGMENT	1	20	178092	SCREW	50
5	178081	SEGMENT RT	1	21	178093	O-RING	26
6	177592	LIFTING BOOM SEGMENT	1	22	178094	VALVE CAP	1
7	177593	BUCKET SEGMENT	1	23	178095	VALVE CAP	3
8	178083	SUPPL. HYDRAULIC SEGMENT	1	24	178096	VALVE CAP	1
9	178084	EXIT SEGMENT	1	25	178098	VALVE CAP	1
10	204165	SWIVEL SEGMENT (SN AH00918 and up)	1	26	178097	VALVE CAP	1
11	177594	SEGMENT (SN AH00645 - AH00917)	1	27	177590	LOADKEEPING VALVE	1
12	178087	ROTARY SEGMENT	1	28	177589	SCREW	5
13	178088	AUXILIARY SEGMENT	1	29	206123	SHOCK RETROFIT KIT	1
14	165536	PRESSURE LIMITING VALVE	9	30	205117	SHUT OFF VALVE	3
15	177595	MAIN PRESSURE LIMITER	1	31	165543	NON RETURN VALVE	2
16	177596	MAIN PRESSURE LIMITER	2	32	178086	DOZER BLADE SEGMENT	1

# 603 - CONTROL VALVE FITTINGS

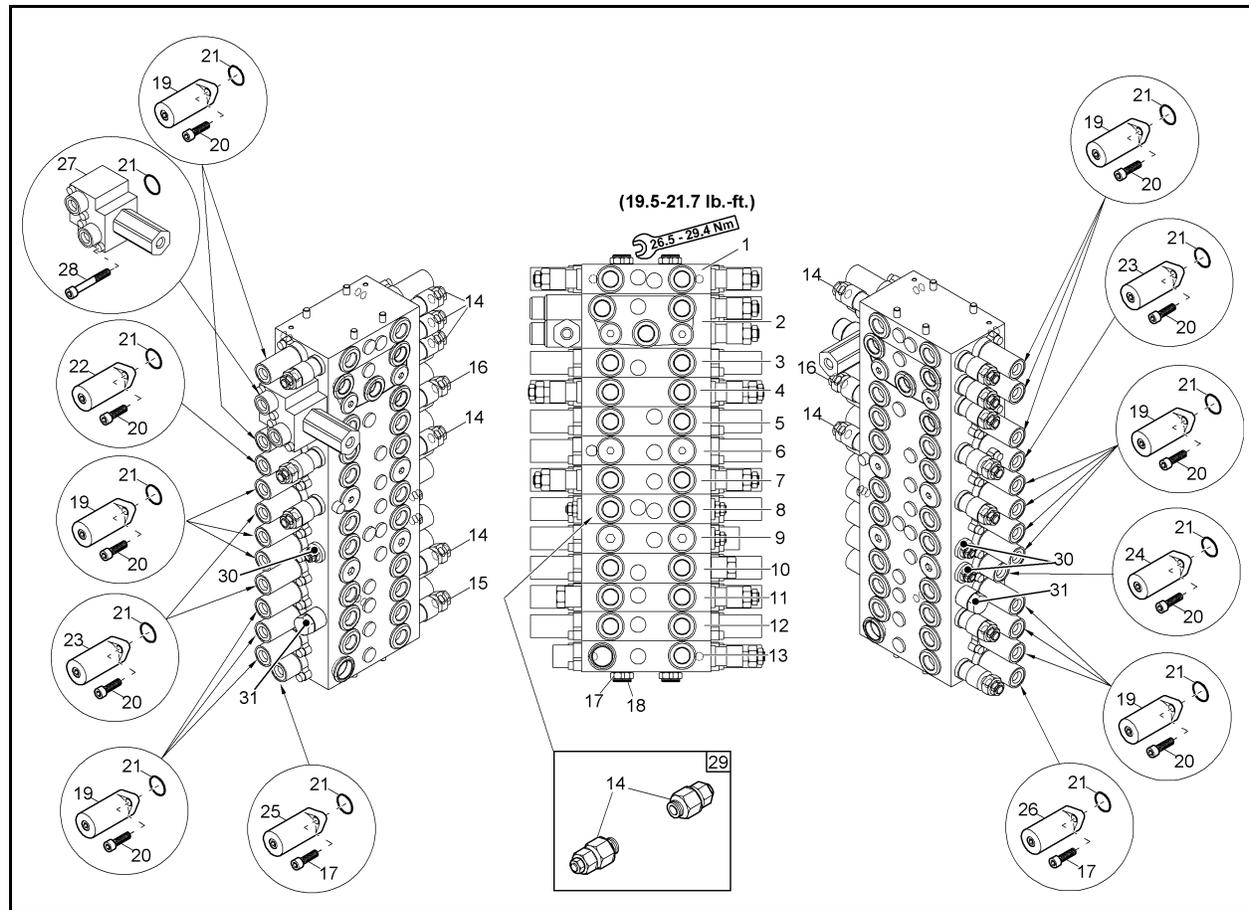
## 1000126135 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205514	CONTROL VALVE COMPLETE	1	16	163642	WASHER	3
2	165965	SCREW JOINT	5	17	651448	LN INS M10-1.5 C8 ZY DIN6924	3
3	179843	SCREW JOINT	11	18	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	4
4	205493	SCREW JOINT (SN AC02928 - AD07207)	1	19	161669	LOCKWASHER S10	4
	179817	SCREW JOINT (SN AC02513 - AC02927)	1	20	161640	WASHER/GR A 10.5	4
5	165967	SCREW JOINT	2	21	205478	ANGLE BRACKET	1
6	161447	90° FITTING	1	22	206409	RUBBER BUFFER (SN AC02928 - AD07207)	2
7	177876	SCREW CONNECTION	1		164851	RUBBER METAL BUFFER (SN AC02513 - AC02927)	2
8	164947	SCREW JOINT	1	23	206410	SCREW JOINT (SN AC03331 - AD07207)	1
9	164945	SCREW JOINT	28		165967	SCREW JOINT (SN AC02513 - AC03330)	2
10	161450	TEE	2	24	208305	SCREW JOINT (SN AC03331 - AD07207)	1
11	161443	90° FITTING	3		165967	SCREW JOINT (SN AC02513 - AC03330)	2
12	161448	TEE	2				
13	177599	SEAL KIT/CONTROL VALVE	1				
14	177762	FASTEN PLATE	1				
15	164851	RUBBER METAL BUFFER	1				

# 603 - CONTROL VALVE SEGMENTS

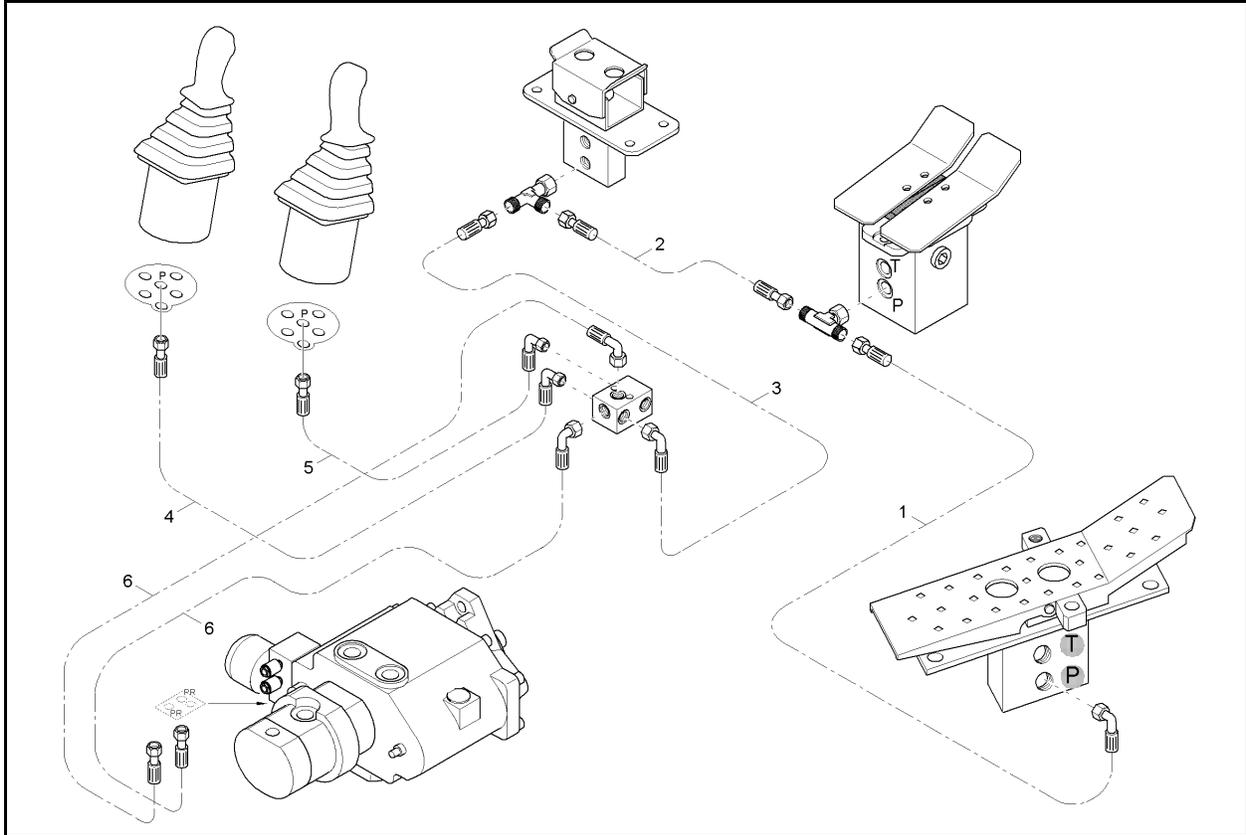
1000126136 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177598	BUCKET SEGMENT	1	17	178100	NUT	8
2	177591	LIFTING BOOM SEGMENT	1	18	177597	TIE ROD	4
3	178078	SEGMENT LT	1	19	178091	VALVE CAP	17
4	178080	INPUT SEGMENT	1	20	178092	SCREW	50
5	178081	SEGMENT RT	1	21	178093	O-RING	26
6	177592	LIFTING BOOM SEGMENT	1	22	178094	VALVE CAP	1
7	177593	BUCKET SEGMENT	1	23	178095	VALVE CAP	3
8	178083	SUPPL. HYDRAULIC SEGMENT	1	24	178096	VALVE CAP	1
9	178084	EXIT SEGMENT	1	25	178098	VALVE CAP	1
10	177594	SEGMENT	1	26	178097	VALVE CAP	1
11	178086	DOZER BLADE SEGMENT	1	27	177590	LOADKEEPING VALVE	1
12	178087	ROTARY SEGMENT	1	28	177589	SCREW	5
13	178088	AUXILIARY SEGMENT	1	29	206123	SHOCK RETROFIT KIT	1
14	165536	PRESSURE LIMITING VALVE	9	30	205117	SHUT OFF VALVE	3
15	177595	MAIN PRESSURE LIMITER	1	31	165543	NON RETURN VALVE	2
16	177596	MAIN PRESSURE LIMITER	2				

# 603 - PILOT PRESSURE HOSES

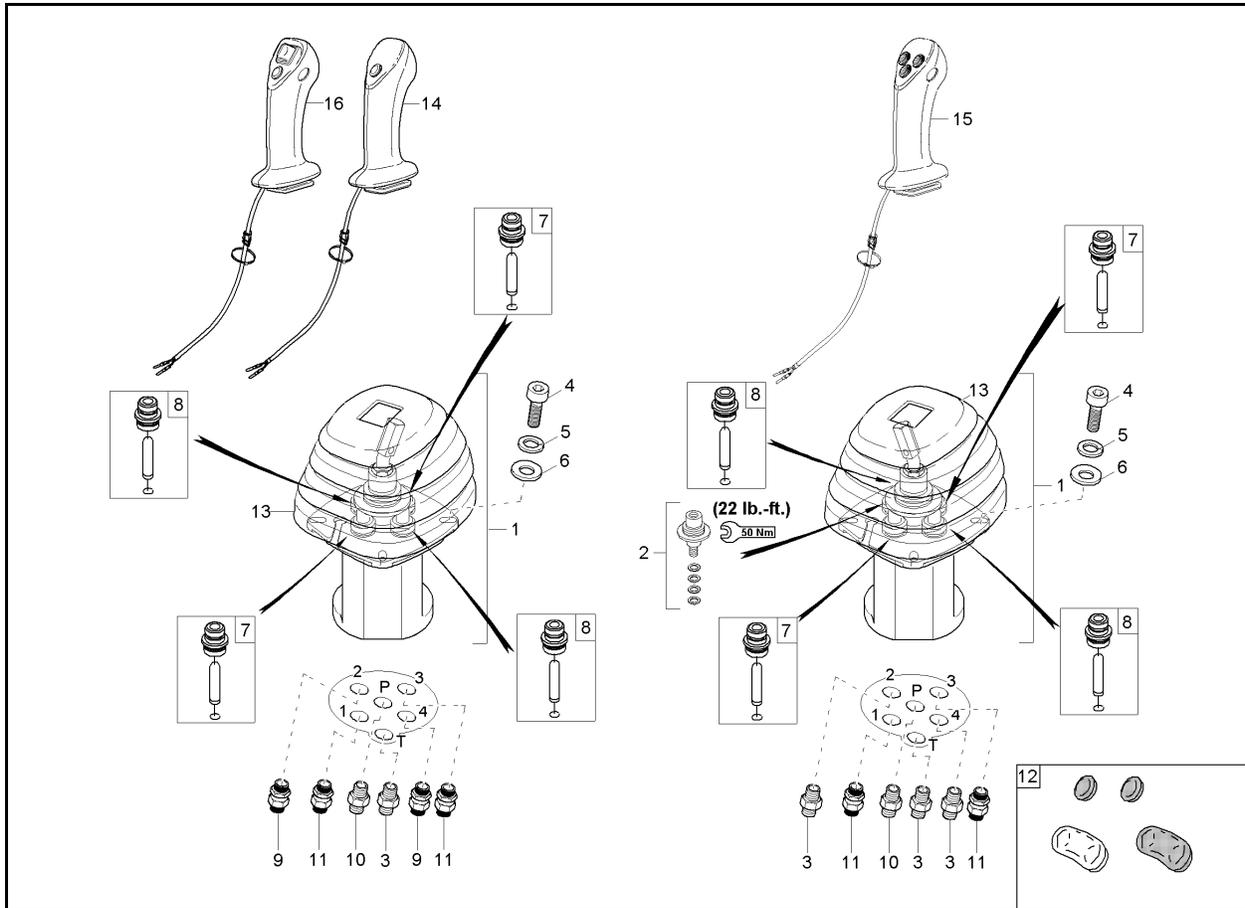
1000127079



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177951	HP HOSE	1	4	179544	HP HOSE	1
2	177952	HP HOSE	1	5	177856	HP HOSE	1
3	162446	HP HOSE	1	6	161350	HP HOSE	2

# 603 - JOYSTICKS

## 1000161744 - (SN AD05132 AND UP)

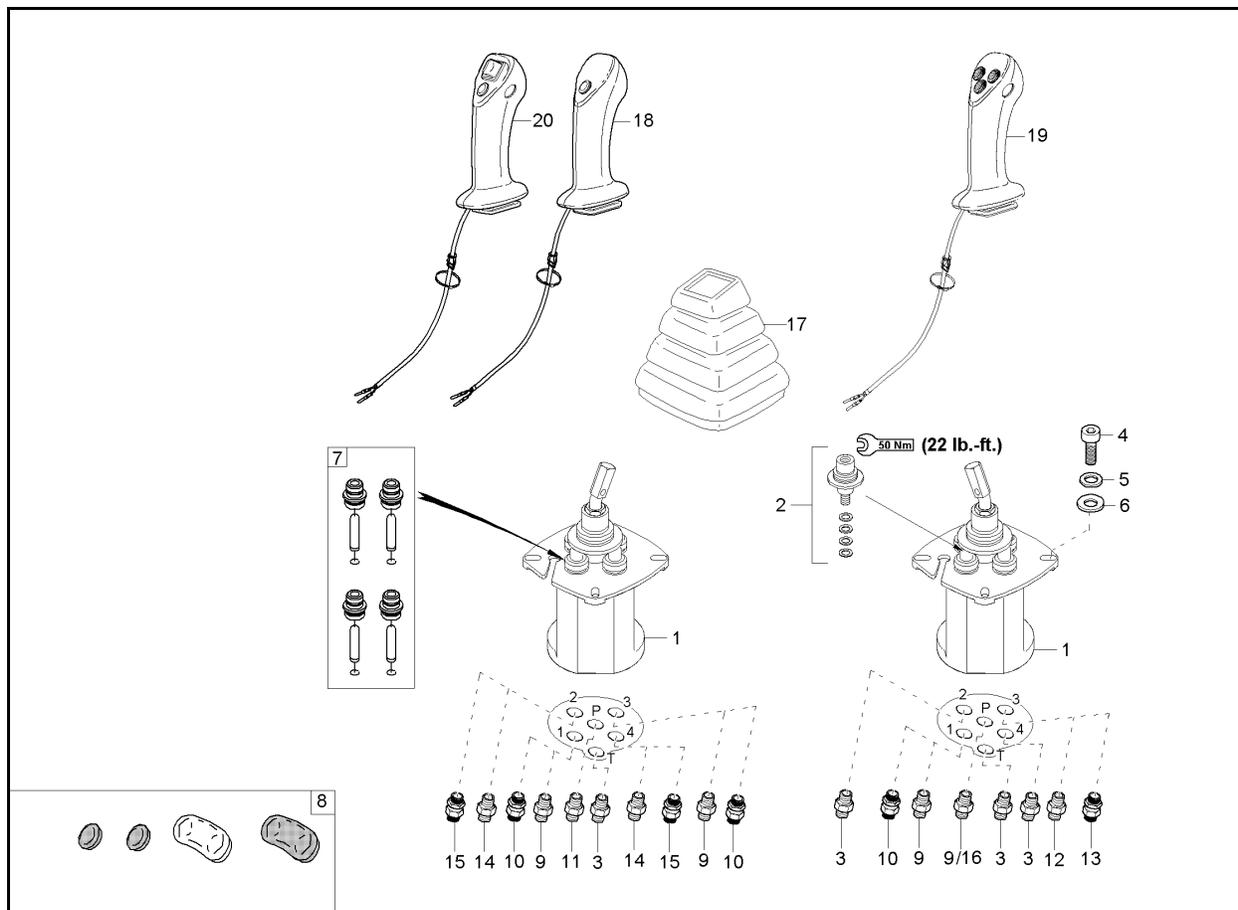


Ref. No.	Part No.	Description	Qty.
1	205869	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	4
4	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A6.4 ZO DIN 125	8
7	205999	PLUNGER KIT	4
8	205998	PLUNGER KIT	4

Ref. No.	Part No.	Description	Qty.
9	165976	RESTRICTOR	2
10	164535	PILOT CONTROL RESTRICTOR	2
11	179850	RESTRICTOR	4
12	177652	RUBBER CAP	2
13	206002	BELLOW	2
14	165039	JOYSTICK LT	1
15	165816	JOYSTICK RT	1
16	201832	KIT/JOYSTICK LT/PROPORTIONAL	1

# 603 - JOYSTICKS

## 1000161742 - (SN AC02513 - AD05131)

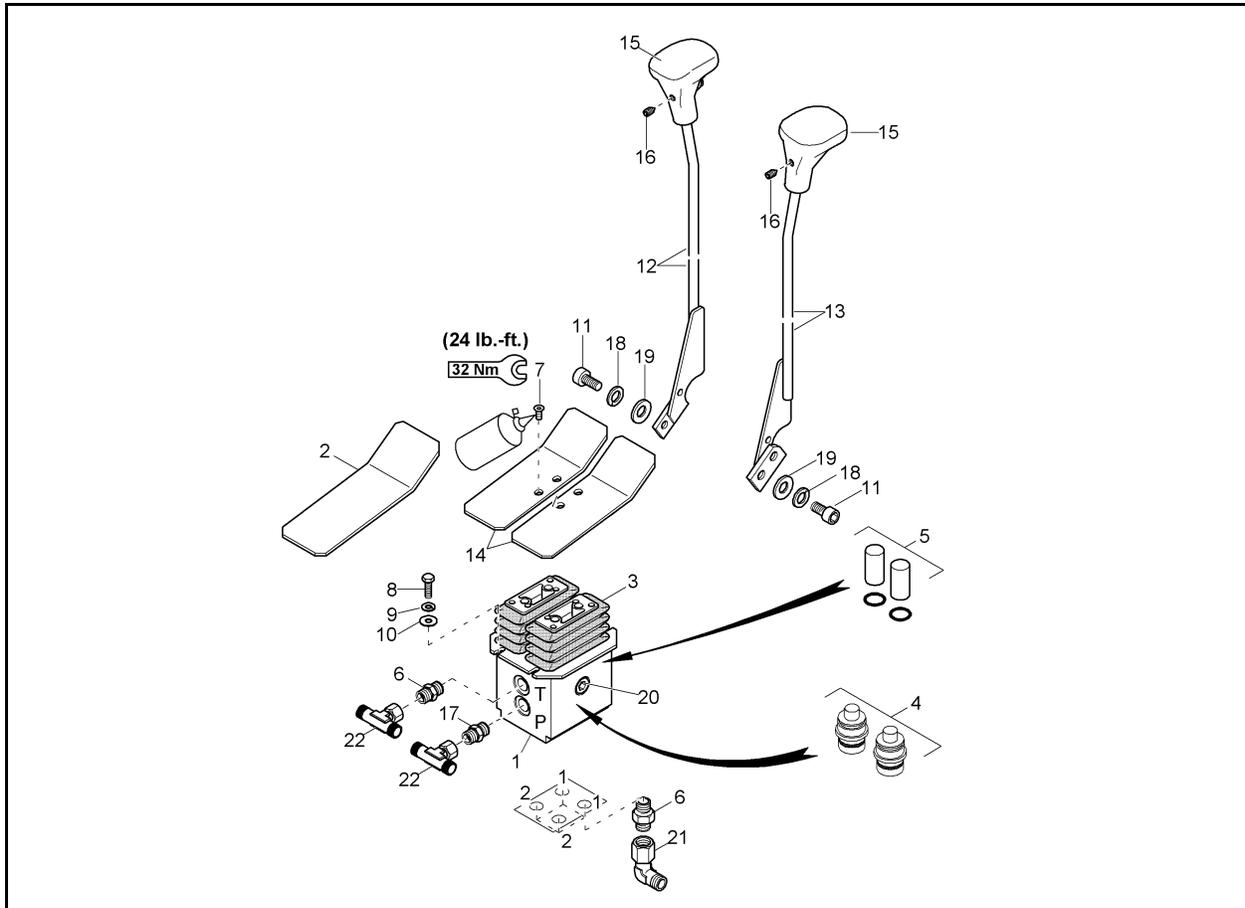


Ref. No.	Part No.	Description	Qty.
1	205531	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	4
4	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A6.4 ZO DIN 125	8
7	165040	PILOT VALVE SEAL KIT	2
8	177652	RUBBER CAP	2
9	161426	SCREW JOINT (SN AC02513 - AC02644)	4
10	179850	RESTRICTOR (SN AC02645 - AD05131)	3
11	164535	PILOT CONTROL RESTRICTOR	1

Ref. No.	Part No.	Description	Qty.
12	161426	SCREW JOINT (SN AC02513 - AC02908)	1
13	179850	RESTRICTOR (SN AC02909 - AD05131)	1
14	161426	SCREW JOINT (SN AC02513 - AC02679)	2
15	165976	RESTRICTOR (SN AC02680 - AD05131)	2
16	164535	PILOT CONTROL RESTRICTOR (SN AC02645 - AD05131)	1
17	165038	BELLOWS	2
18	165039	JOYSTICK LT	1
19	165816	JOYSTICK RT	1
20	165044	JOYSTICK LT/PROPORTIONAL	1

# 603 - TRAVEL PILOT VALVE

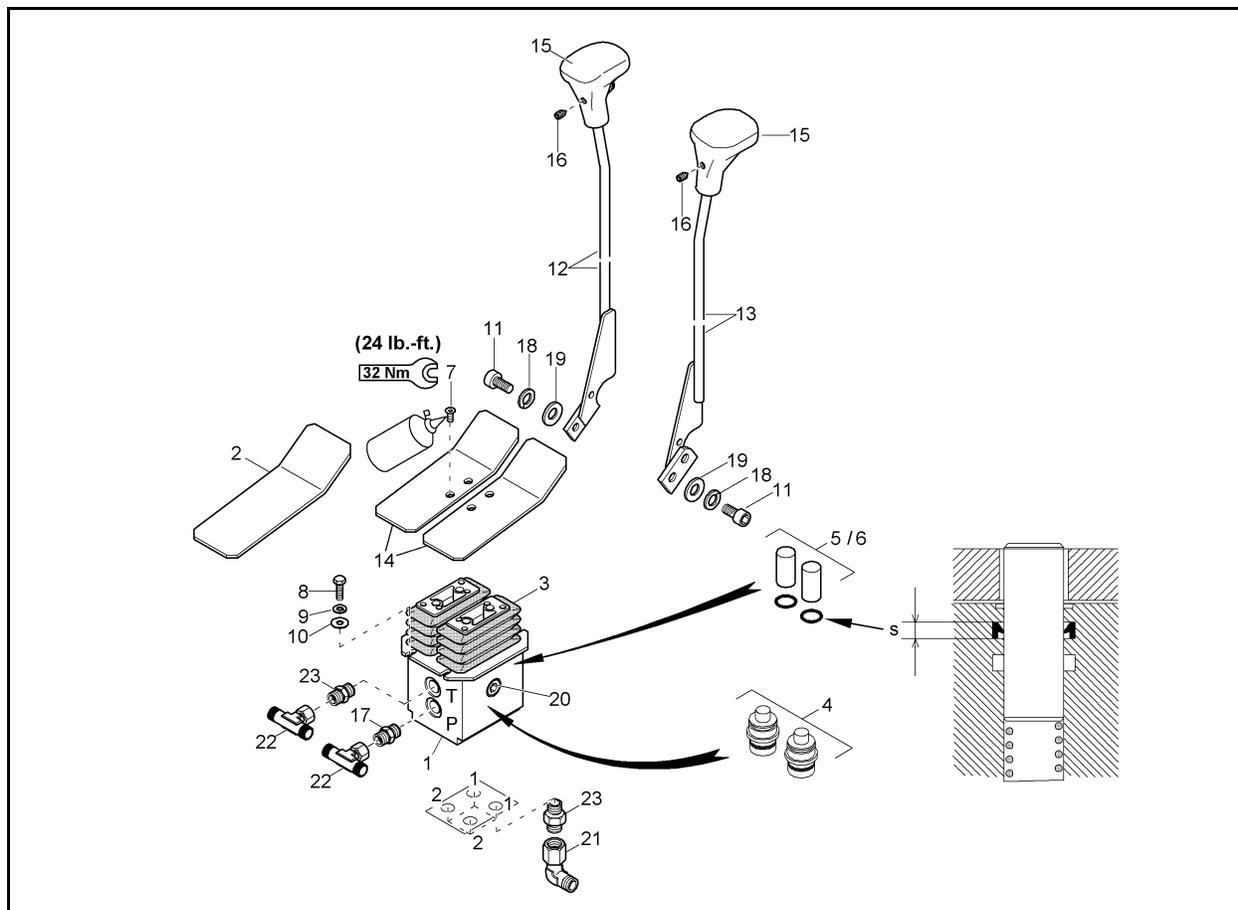
## 1000181072 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178947	TRAVEL PILOT VALVE COMPLETE	1	12	1423029G	TRAVEL LEVER LT	1
2	165523	RUBBER	2	13	1423030G	TRAVEL LEVER RT	1
3	165522	BELLOWS	1	14	178563	ACCELERATOR PEDAL	2
4	165521	PLUNGER KITS (BOTH SIDES)	2	15	161764	KNOB	2
5	201838	PLUNGERS/3.7MM SEALS	2	16	162027	SET SCREW	2
6	161426	SCREW JOINT	2	17	164535	PILOT CONTROL RESTRICTOR	1
7	204245	SCREW	4	18	161669	LOCKWASHER S10	4
8	177648	HEX SCREW	4	19	161640	WASHER/GR A 10.5	4
9	163670	LOCKWASHER	4	20	165514	SCREW	1
10	163634	WASHER	4	21	161443	90° FITTING	4
11	651472	SHCS M10-1.25 X 20 F8.8 ZY DIN912	4	22	161450	TEE	2

# 603 - TRAVEL PILOT VALVE

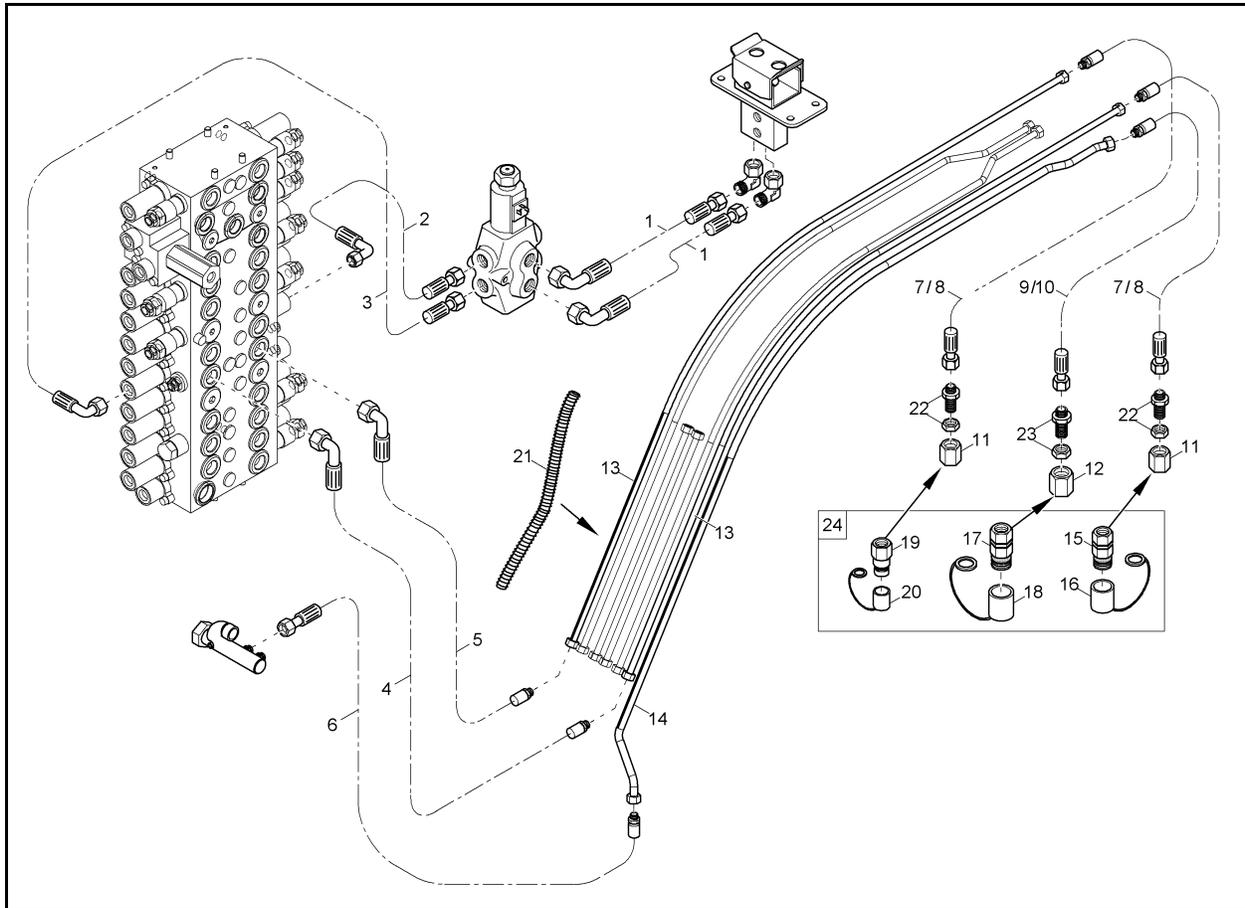
## 1000124245 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178947	TRAVEL PILOT VALVE COMPLETE	1	13	1423030G	TRAVEL LEVER RT	1
2	165523	RUBBER	2	14	178563	ACCELERATOR PEDAL	2
3	165522	BELLOWS	1	15	161764	KNOB	2
4	165521	PLUNGER KITS (BOTH SIDES)	2	16	162027	SET SCREW	2
5	165520	PLUNGERS W/4.8 MM SEALS	2	17	164535	PILOT CONTROL RESTRICTOR	1
6	201838	PLUNGERS W/3.7 MM SEALS	2	18	161669	LOCKWASHER S10	4
7	204245	SCREW	4	19	161640	WASHER/GR A 10.5	4
8	177648	HEX SCREW	4	20	165514	SCREW	1
9	163670	WASHER	4	21	161443	90° FITTING	4
10	163634	WASHER	4	22	161450	TEE	2
11	651472	SHCS M10-1.2 X 20 F8.8 ZY DIN912	4	23	161426	SCREW JOINT	5
12	1423029G	TRAVEL LEVER LT	1				

# 603 - AUXILIARY HYDRAULICS CONTROL VALVE INSTALLATION

## 1000127117, 1000181354 & 1000172885



Ref. No.	Part No.	Description	Qty.
1	177671	HP HOSE	2
2	178517	HP HOSE	1
3	164795	HP HOSE	1
4	177518	HP HOSE	1
5	177517	HP HOSE	1
6	177516	HP HOSE	1
7	204669	HP HOSE (PRESSURE) (830 MM) (33.5 IN.)*	2
	204681	HP HOSE (PRESSURE) (1150 MM) (45.3 IN.)*	2
9	204668	HP HOSE (RETURN) (950 MM) (37.5 IN.)**	1
	204682	HP HOSE (RETURN) (1250 MM) (49.3 IN.)**	1
11	177691	LOCKING CAP	2
12	164944	PLUG	1
13	177487	HYDRAULIC PIPE	2
14	177488	HYDRAULIC PIPE	1
15	177798	COUPLING/FEMALE A13 BG3	1

Ref. No.	Part No.	Description	Qty.
16	177804	CAP	1
17	177796	COUPLING/FEMALE A17 3/4"	1
18	177805	CAP	1
19	177797	COUPLING/MALE A13 BG3	1
20	177803	CAP	1
21	205494	CABLE HOSE (SN AC02776 AND UP)	1
22	177911	LOCK SCREW CONNECTION	2
23	177910	LOCK SCREW CONNECTION	1
24	202519	COUPLING KIT	1

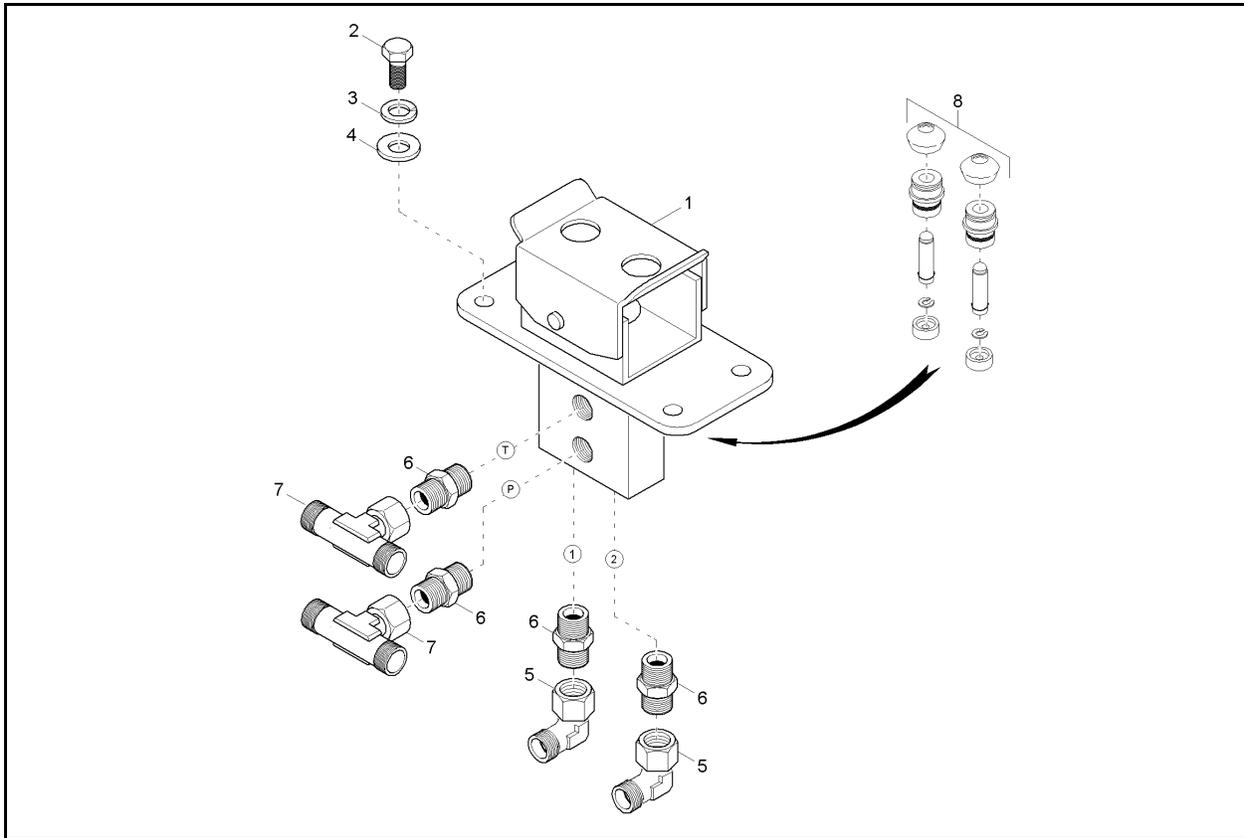
\* Measure existing hose before ordering replacement. These hoses replace pressure hoses 178106 and 204858.

\*\*Measure existing hose before ordering replacement. These hoses replace return hoses 177852 and 204859.

830 mm (33.5 in.) hose - short dipper arm only  
 950 mm (37.5 in.) hoses - short dipper arm only  
 1150 mm (45.3 in.) hoses - long dipper arm only  
 1250 mm (49.3 in.) hoses - long dipper arm only

# 603 - CONTROL VALVE FOR AUXILIARY HYDRAULICS

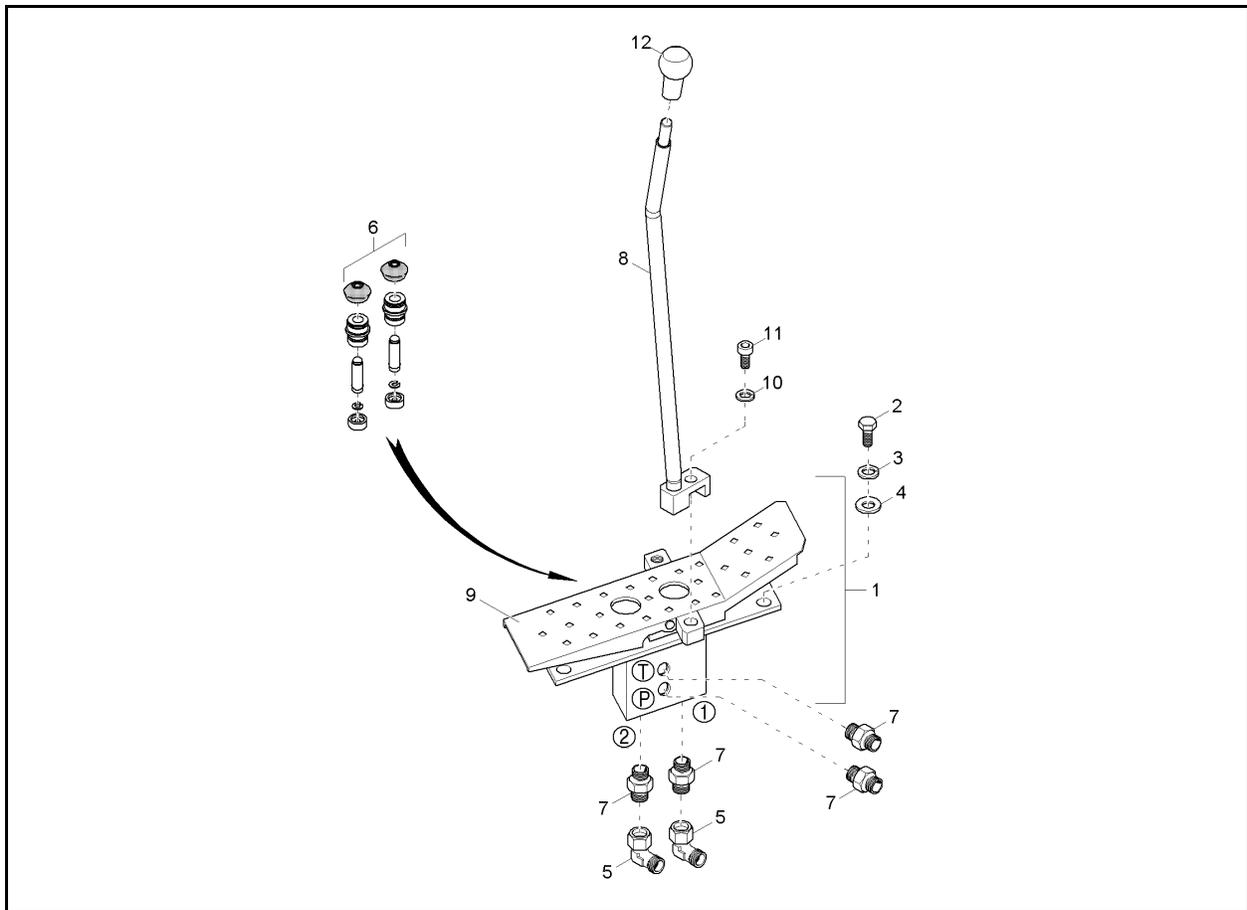
1000116870



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161154	CONTROL VALVE	1	5	161443	90° FITTING	2
2	177648	HEX SCREW	4	6	161426	SCREW JOINT	4
3	163670	LOCKWASHER	4	7	161450	TEE	2
4	163634	WASHER	4	8	160918	PLUNGER KIT	1

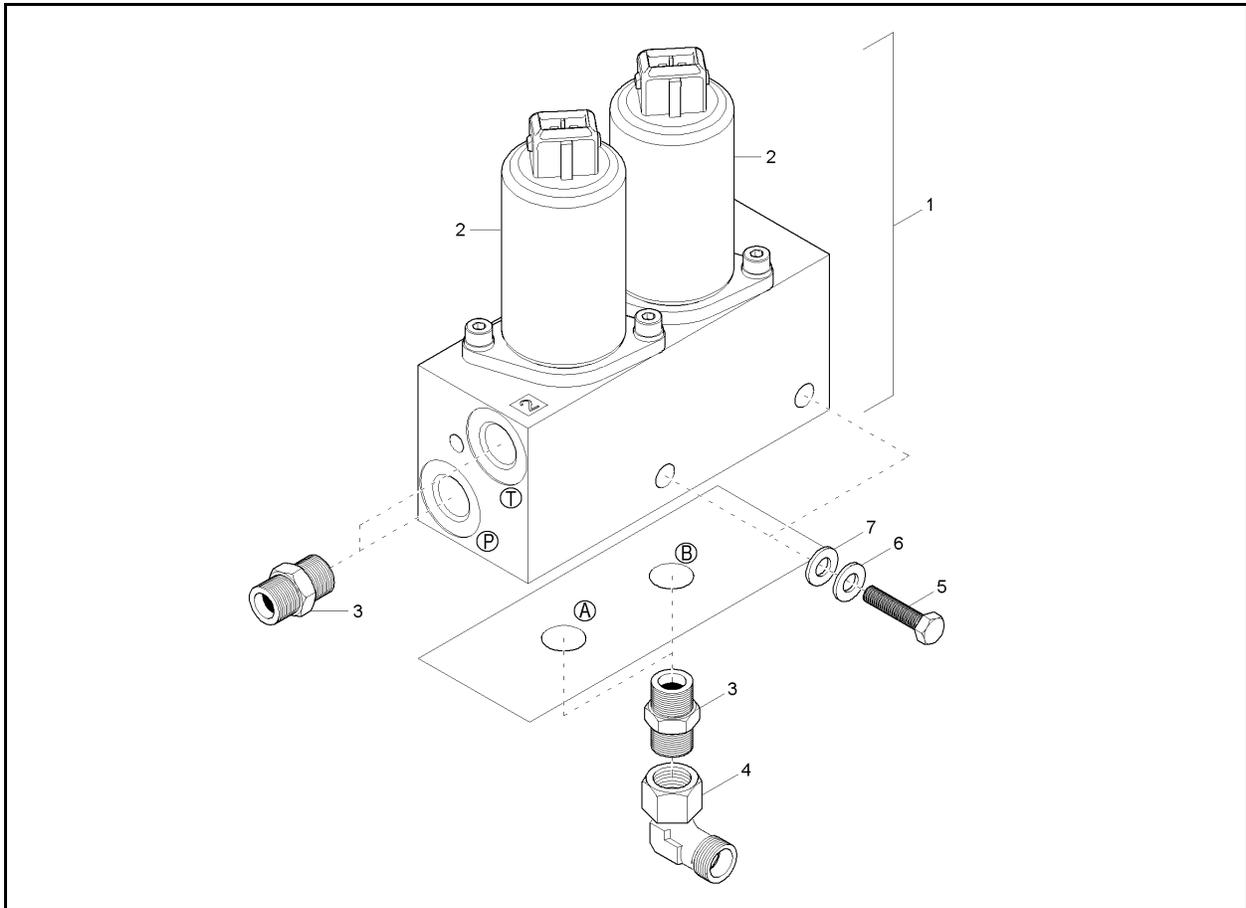
# 603 - DOZER BLADE VALVE

1000124147



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206413	CONTROL VALVE	1	7	161426	SCREW JOINT	4
2	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	4	8	177962	DOZER BLADE LEVER	1
3	163670	LOCKWASHER	4	9	178979	PEDAL	1
4	163634	WASHER	4	10	163651	WASHER	1
5	161443	90° FITTING	2	11	651483	SHCS M12-1.75 X 35 C10.9 ZY	1
6	160918	PLUNGER KIT	1	12	162398	KNOB	1

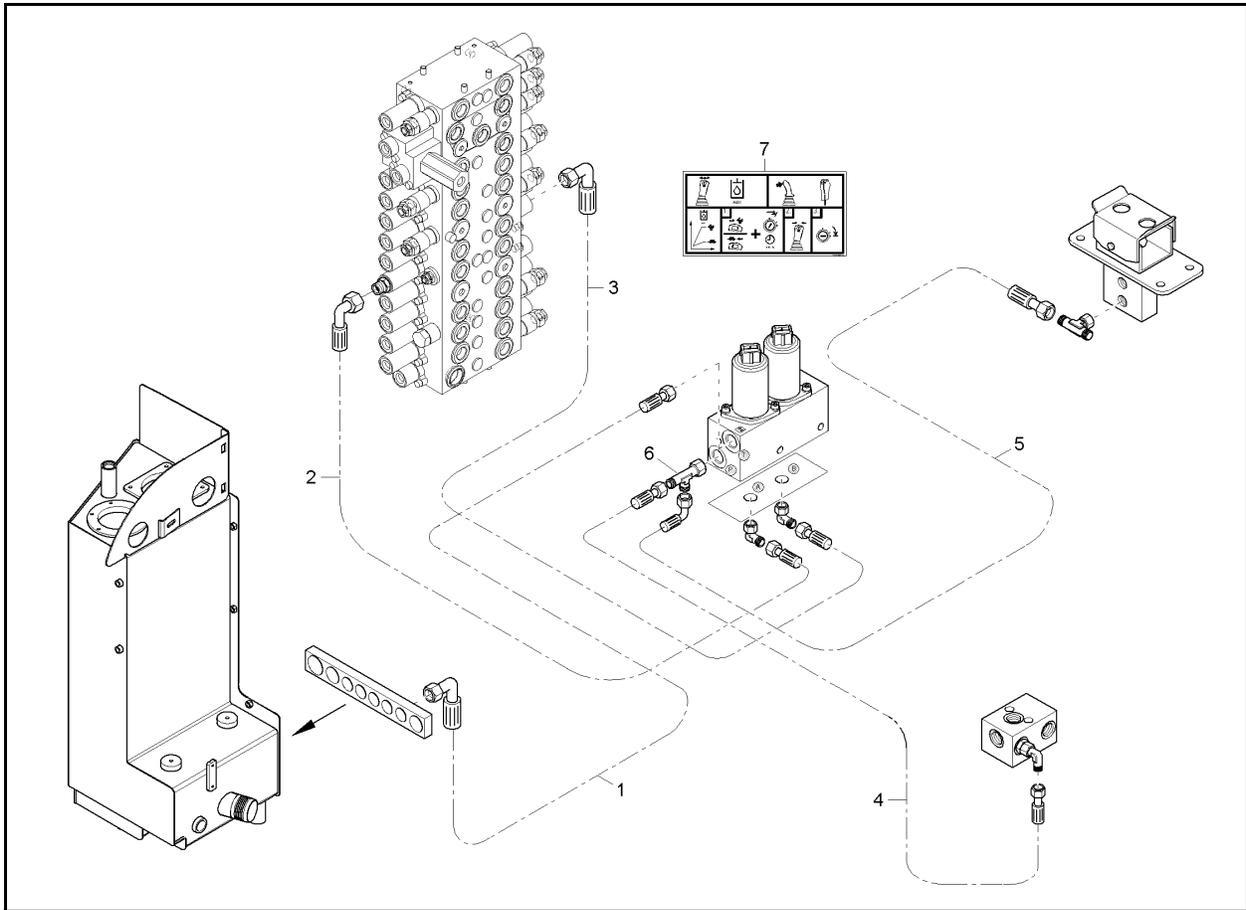
**603 - PROPORTIONAL VALVE (OPTION)**  
**1000158439 - (SN AD04666 AND UP)**



Ref. No.	Part No.	Description	Qty.
1	205930	PROPORTIONAL VALVE	1
2	205724	SOLENOID	2
3	161426	SCREW JOINT	4
4	161443	90° FITTING	2

Ref. No.	Part No.	Description	Qty.
5	656172	CS M6-1 X 45 C8.8 ZY DIN931	2
6	161675	LOCKWASHER S6	2
7	161660	WASHER/GR A6.4 ZO DIN 125	2

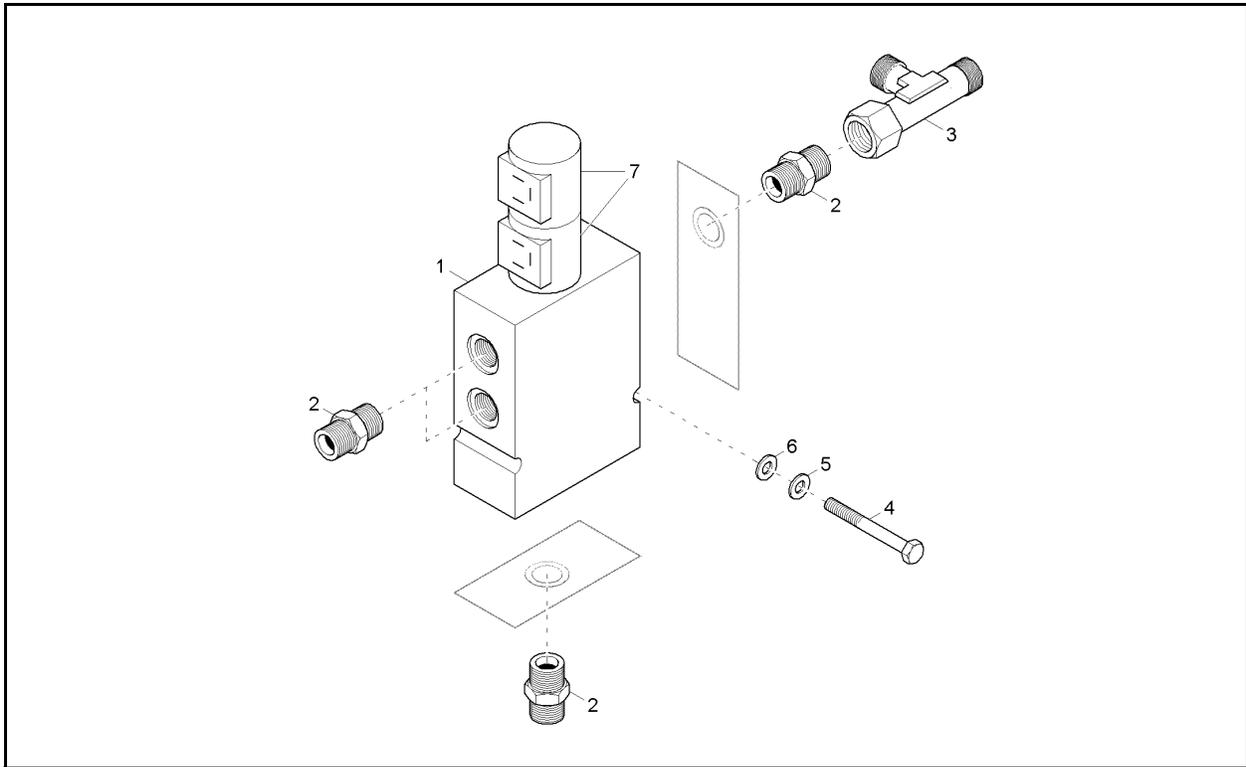
# 603 - PROPORTIONAL VALVE INSTALLATION (OPTION) 1000168449 - (SN AD04666 AND UP)



Ref. No.	Part No.	Description	Qty.
1	177730	HP HOSE	1
2	164795	HP HOSE	1
3	178517	HP HOSE	1
4	162446	HP HOSE	1

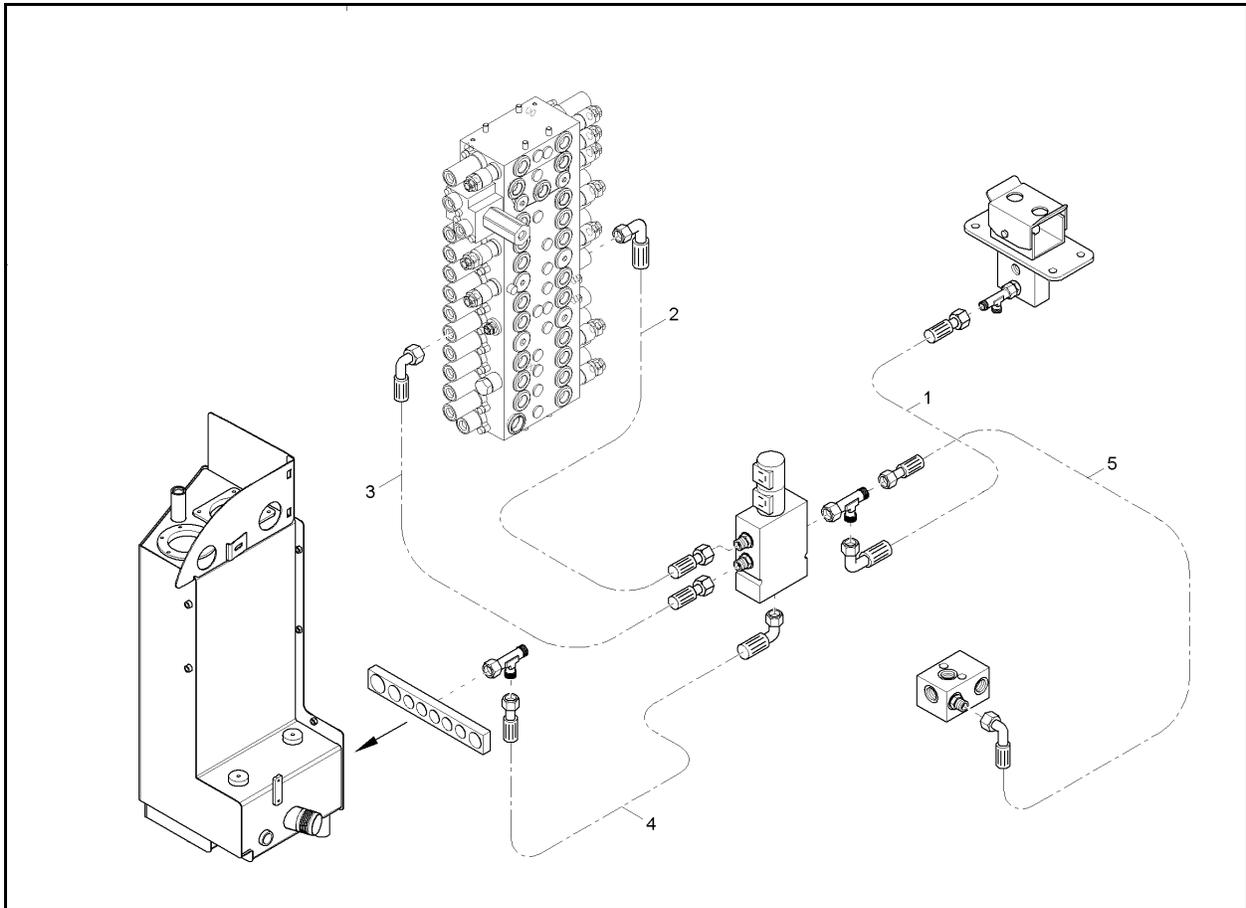
Ref. No.	Part No.	Description	Qty.
5	177672	HP HOSE	1
6	161448	TEE	1
7	205172	DECAL/PROPORTIONAL CONTROL	1

**603 - 4/3 VALVE (OPTION)**  
**1000124555 - (SN AC02513 - AD04665)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165827	4/3 VALVE	1	5	161675	LOCKWASHER S6	2
2	161426	SCREW JOINT	4	6	161660	WASHER/GR A6.4 ZO DIN 125	2
3	161448	ELBOW	1	7	177827	SOLENOID	2
4	656172	CS M6-1 X 45 C8.8 ZY DIN931	2				

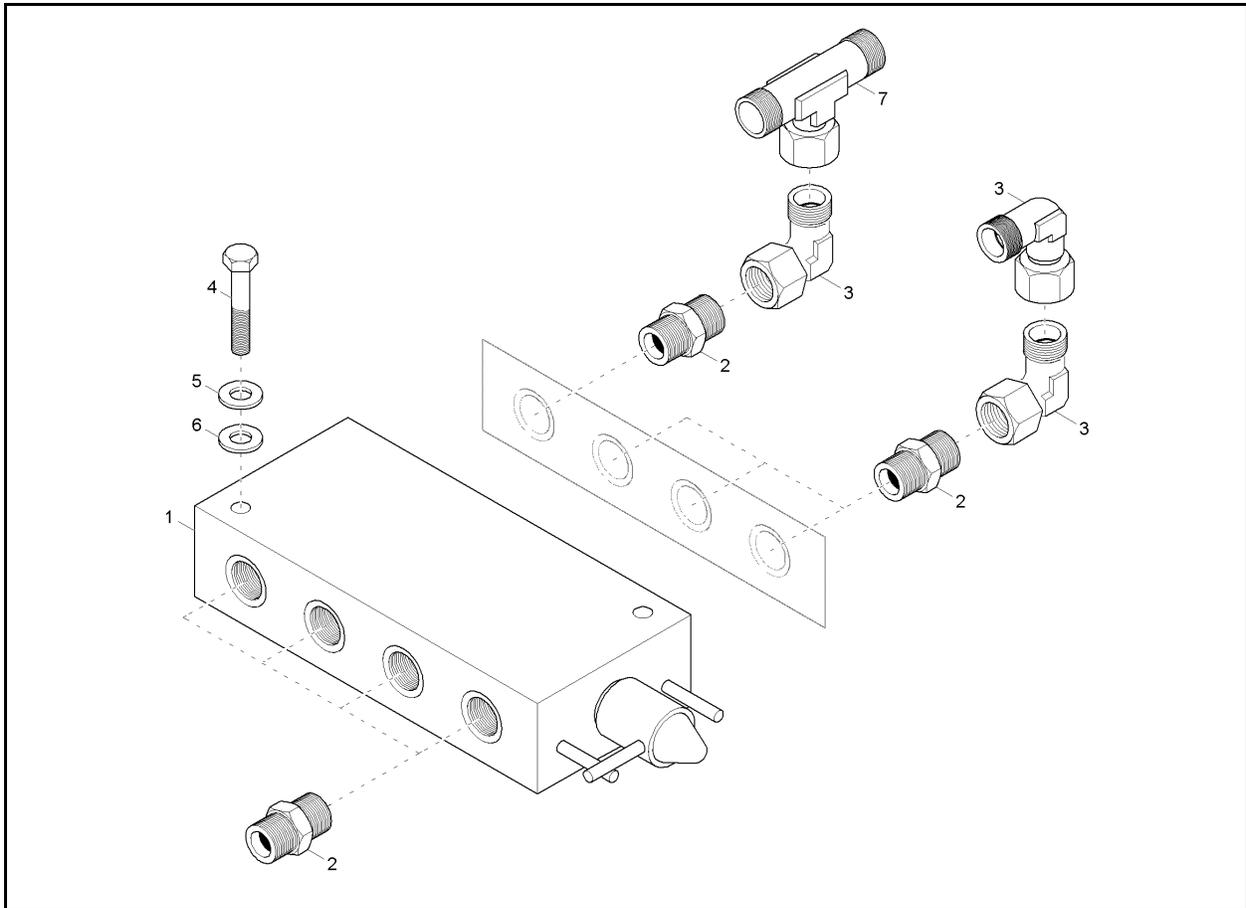
**603 - 4/3 VALVE INSTALLATION (OPTION)**  
**1000127008 - (SN AC02513 - AD04665)**



Ref. No.	Part No.	Description	Qty.
1	177671	HP HOSE	1
2	178517	HP HOSE	1
3	164795	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
4	177730	HP HOSE	1
5	162446	HP HOSE	1

**603 - ISO/SAE VALVE**  
**1000124595**

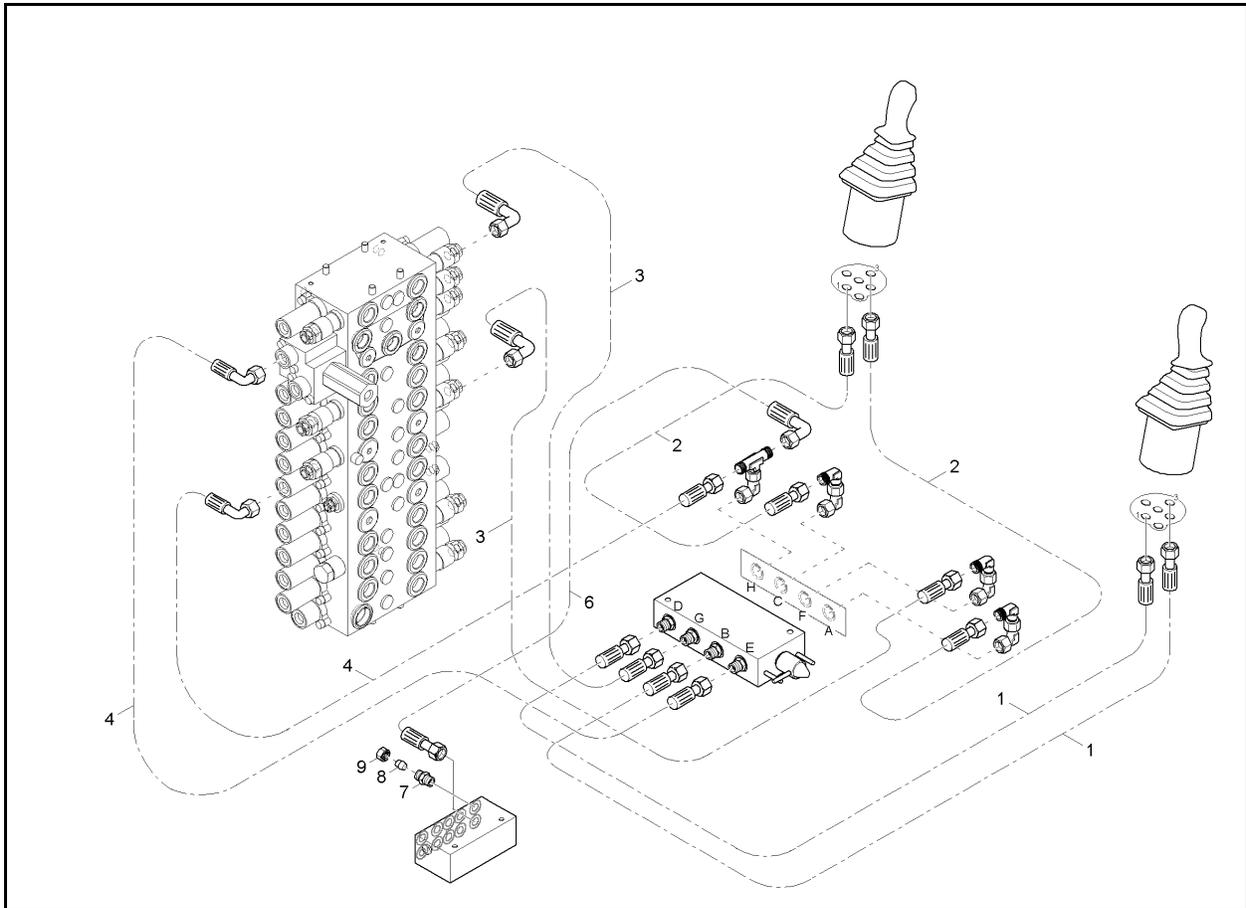


Ref. No.	Part No.	Description	Qty.
1	1408450G	ISO/SAE VALVE	1
2	161426	SCREW JOINT	8
3	161443	90° FITTING	7
4	177686	HEX SCREW	2

Ref. No.	Part No.	Description	Qty.
5	161674	LOCKWASHER S16	2
6	161659	WASHER/GR A 5.3 ZO DIN125	2
7	161450	TEE	1

# 603 - ISO/SAE VALVE INSTALLATION

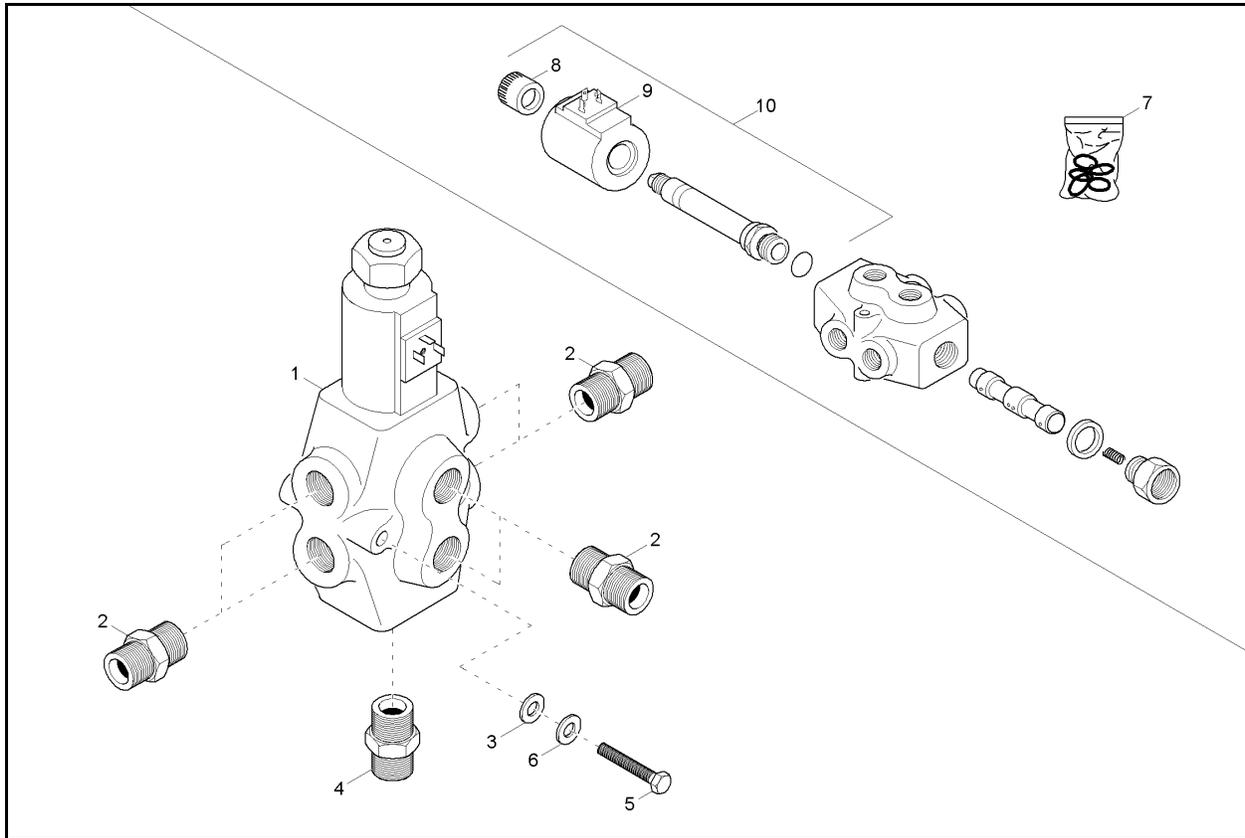
## 1000127125



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177856	HP HOSE	2	6	177672	HP HOSE	1
2	179544	HP HOSE	2	7	161426	SCREW JOINT	1
3	161220	HP HOSE	2	8	164927	PLUG	1
4	161350	HP HOSE	2	9	164929	NUT	1

# 603 - REVERSING VALVE

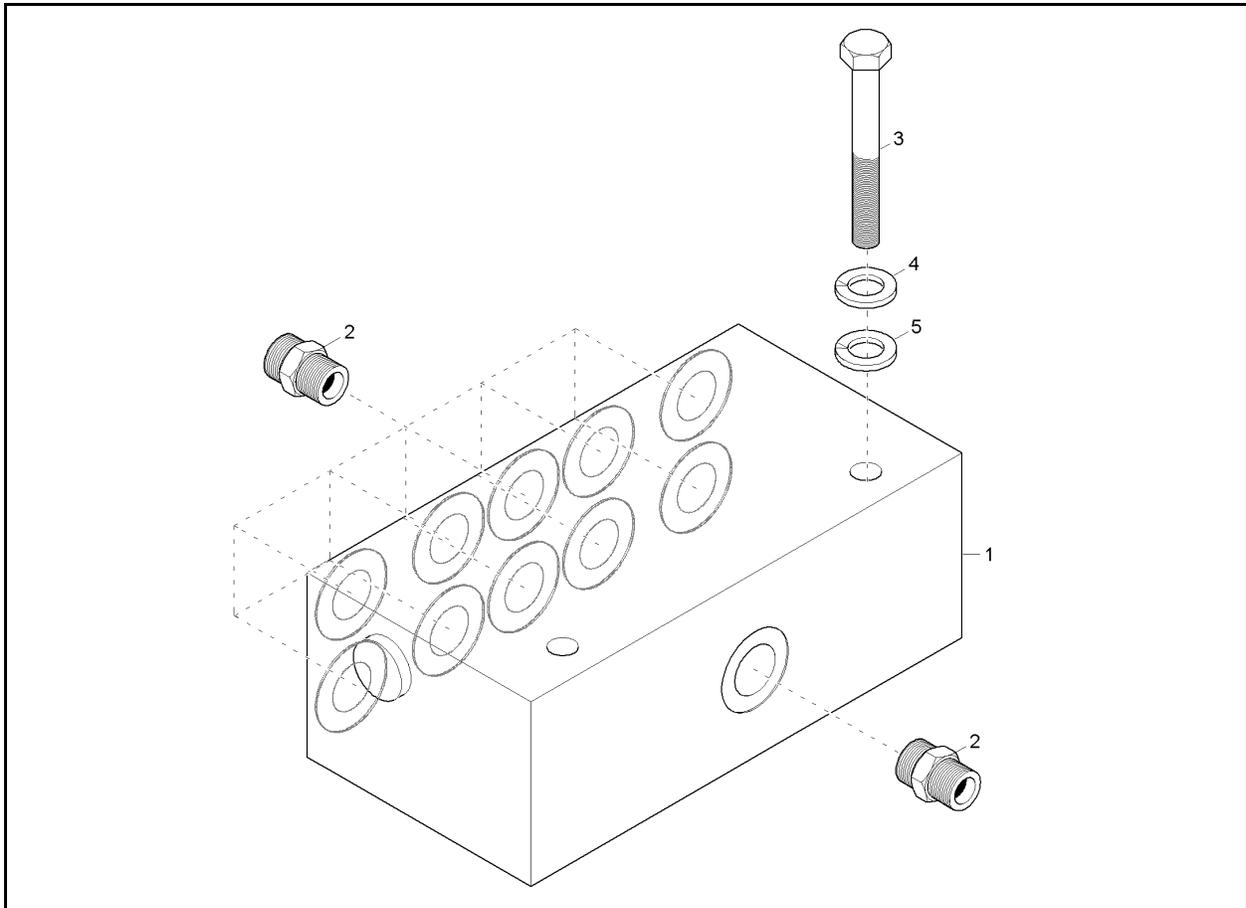
1000117888



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160763	REVERSING VALVE COMPLETE	1	6	161675	LOCKWASHER S6	2
2	161427	SCREW JOINT	6	7	162246	SEAL KIT	1
3	161660	WASHER/GR A6.4 ZO DIN 125	2	8	164706	NUT	1
4	161426	SCREW JOINT	1	9	162245	COIL	1
5	651428	CS M6-1 X 50 C8.8 ZY DIN931	2	10	162243	SOLENOID ASSY	1

# 603 - VALVE BLOCK

1000135357

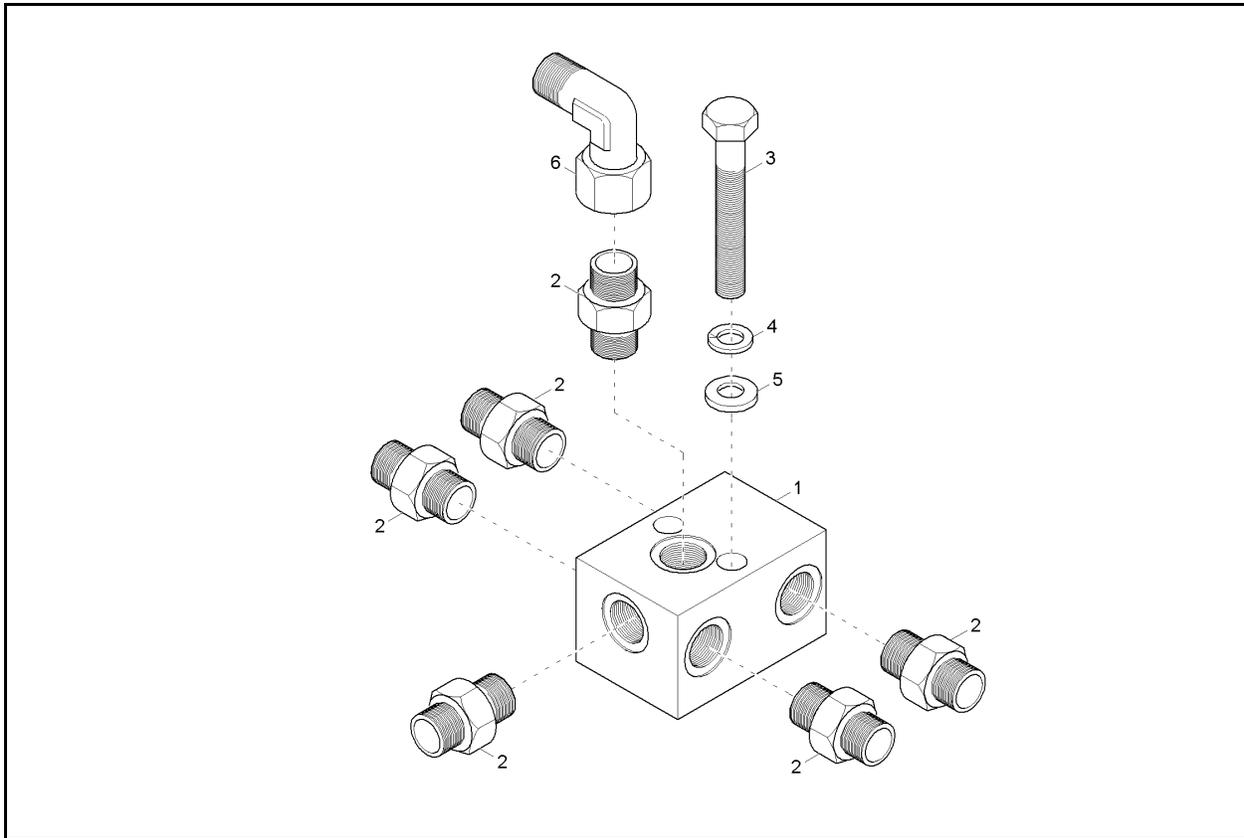


Ref. No.	Part No.	Description	Qty.
1	177863	VALVE BLOCK	1
2	161426	SCREW JOINT	11
3	164913	SCREW	2

Ref. No.	Part No.	Description	Qty.
4	161675	LOCKWASHER S6	2
5	161660	WASHER/GR A6.4 ZO DIN 125	2

# 603 - DISTRIBUTION BLOCK

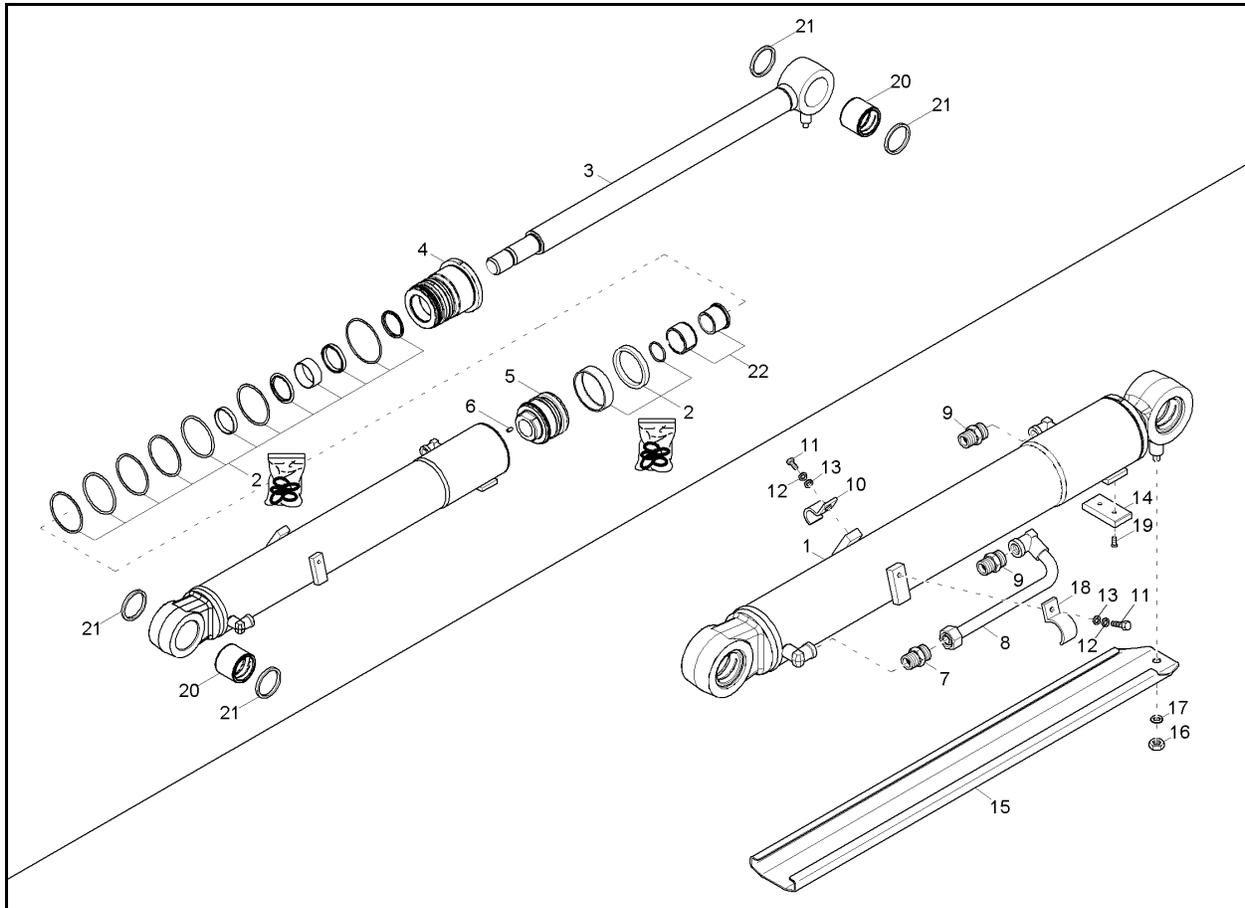
1000126484



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165089	DISTRIBUTION BLOCK	1	4	161675	LOCKWASHER S6	2
2	161426	SCREW JOINT	6	5	161660	WASHER/GR A6.4 ZO DIN125	2
3	165946	SCREW	2	6	161443	90° FITTING	1

# 603 - BOOM CYLINDER

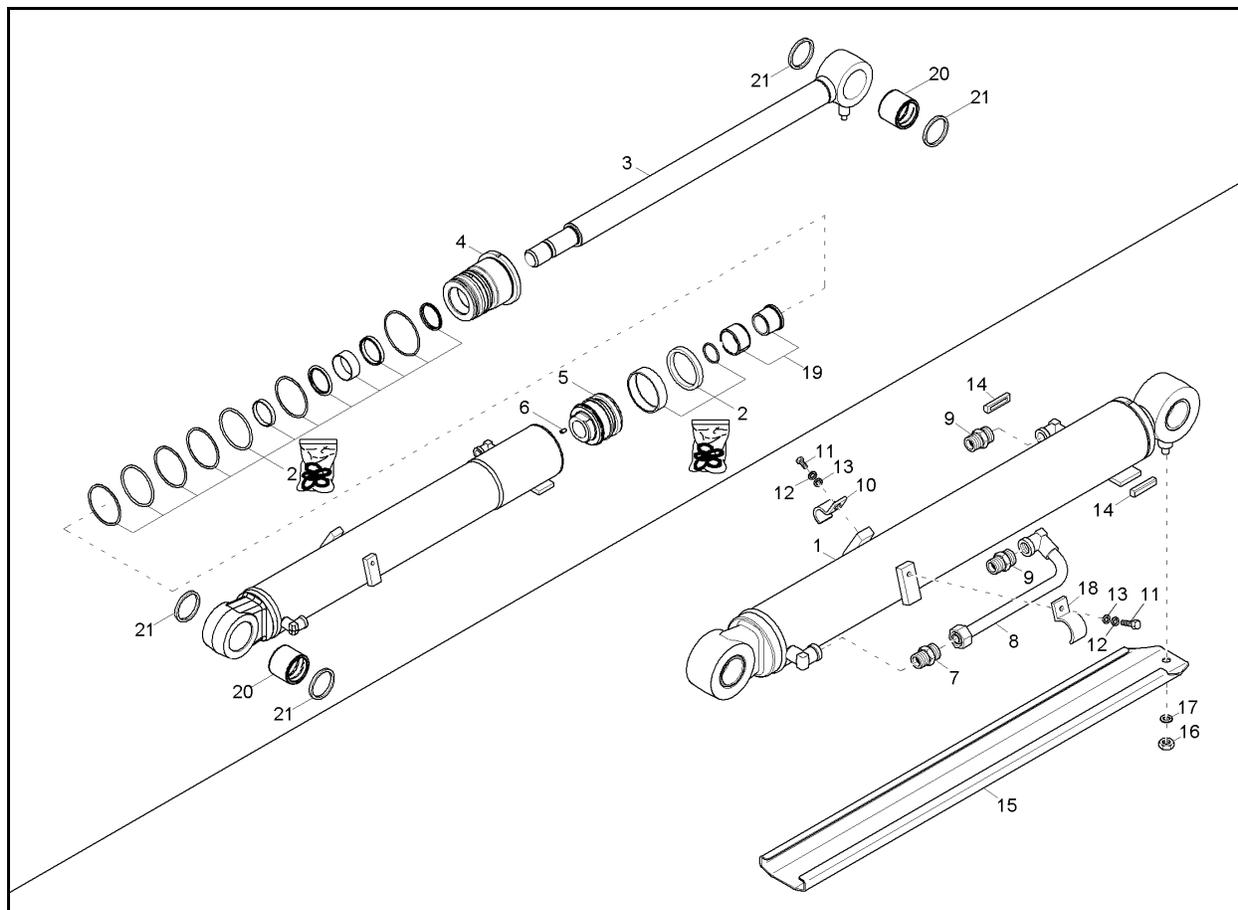
## 1000155949 - (SN AC04192 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204081	BOOM CYLINDER	1	12	161669	RING/SNAP S10	2
2	177605	CYLINDER SEAL KIT	1	13	161640	WASHER/GR A 10.5	2
3	205529	PISTON ROD	1	14	205838	GUIDE	2
4	177607	GUIDE BUSHING	1	15	177753	PROTECTING RAIL	1
5	177608	PISTON	1	16	179793	HEX NUT	1
6	162481	SET SCREW	1	17	161642	WASHER/GR A 13	1
7	9910346G	SCREW JOINT	1	18	163377	CLAMP	1
8	177932	HYDRAULIC PIPE	1	19	651466	FHCS M8-1.25 X 20 C8.8ZY	1
9	161431	SCREW JOINT	2	20	161526	BUSHING	5
10	163376	CLAMP	2	21	161589	PIN SEAL	4
11	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	2	22	205530	DAMPING VALVE	1

# 603 - BOOM CYLINDER

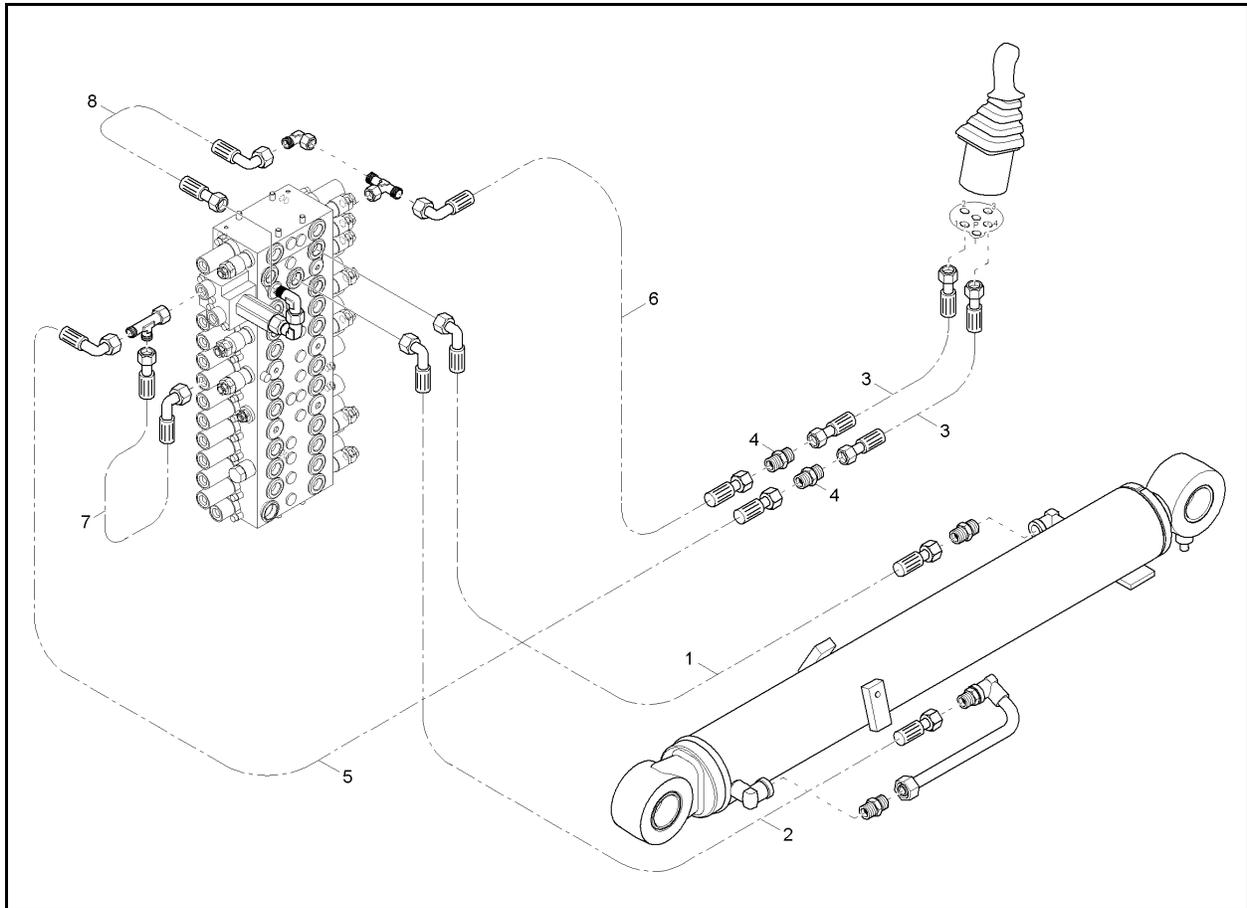
## 1000127085 - (SN AC02513 - AC04191)



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	206016	BOOM CYLINDER	1	12	161669	RING/SNAP S10	2
2	177605	CYLINDER SEAL KIT	1	13	161640	WASHER/GR A 10.5	2
3	177606	PISTON ROD	1	14	161205	GUIDE	2
4	177607	GUIDE BUSHING	1	15	177753	PROTECTING RAIL	1
5	177608	PISTON	1	16	179793	HEX NUT	1
6	162481	SET SCREW	1	17	161642	WASHER/GR A 13	1
7	9910346G	SCREW JOINT	1	18	163377	CLAMP	1
8	177932	HYDRAULIC PIPE	1	19	205530	DAMPING VALVE	1
9	161431	SCREW JOINT	2	20	161526	BUSHING	2
10	163376	CLAMP	2	21	161589	PIN SEAL	4
11	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	2				

# 603 - BOOM CYLINDER INSTALLATION

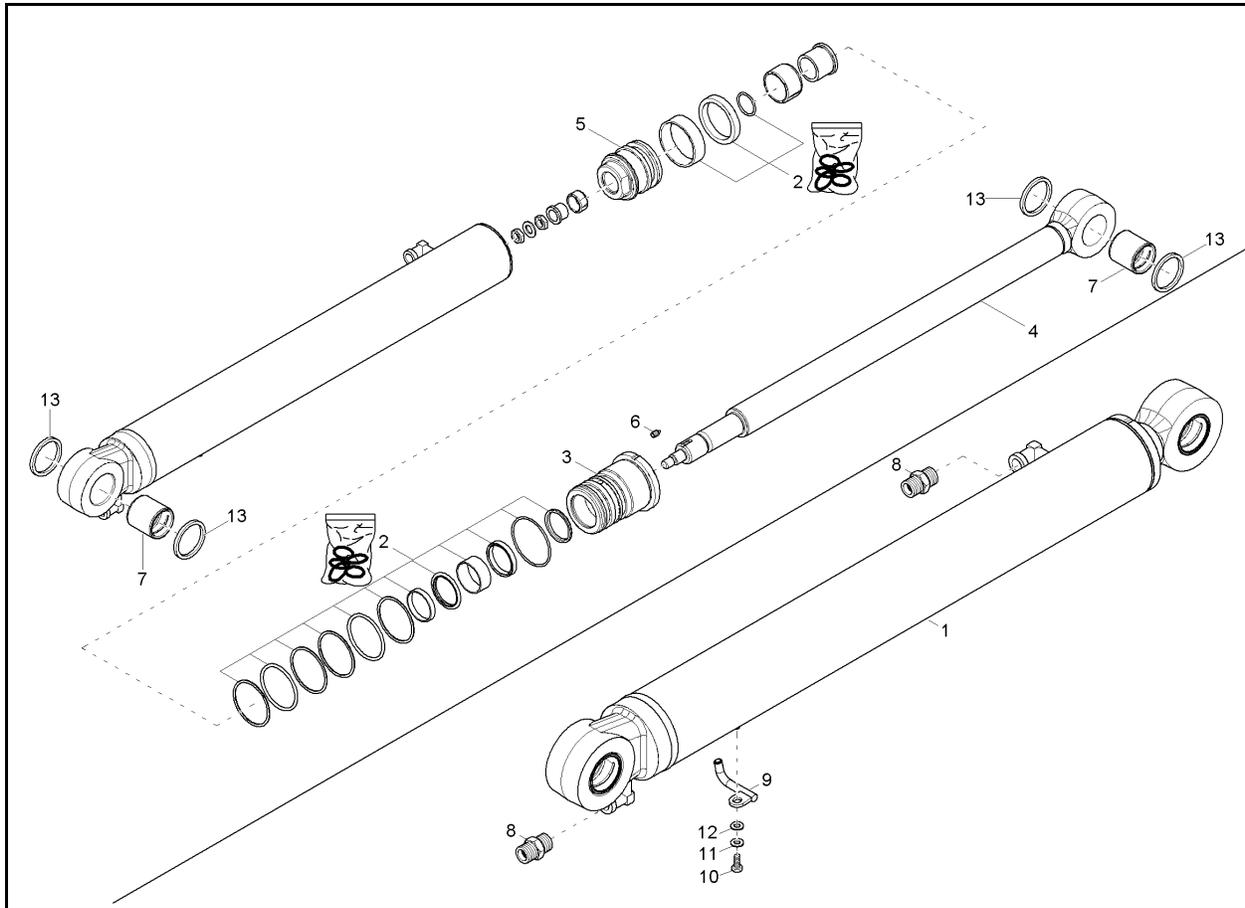
1000127007



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177557	HP HOSE	1	5	161350	HP HOSE	1
2	177556	HP HOSE	1	6	161220	HP HOSE	1
3	177856	HP HOSE	2	7	177950	HP HOSE	1
4	161479	SCREW JOINT	2	8	177671	HP HOSE	1

# 603 - DIPPER ARM CYLINDER

1000126506

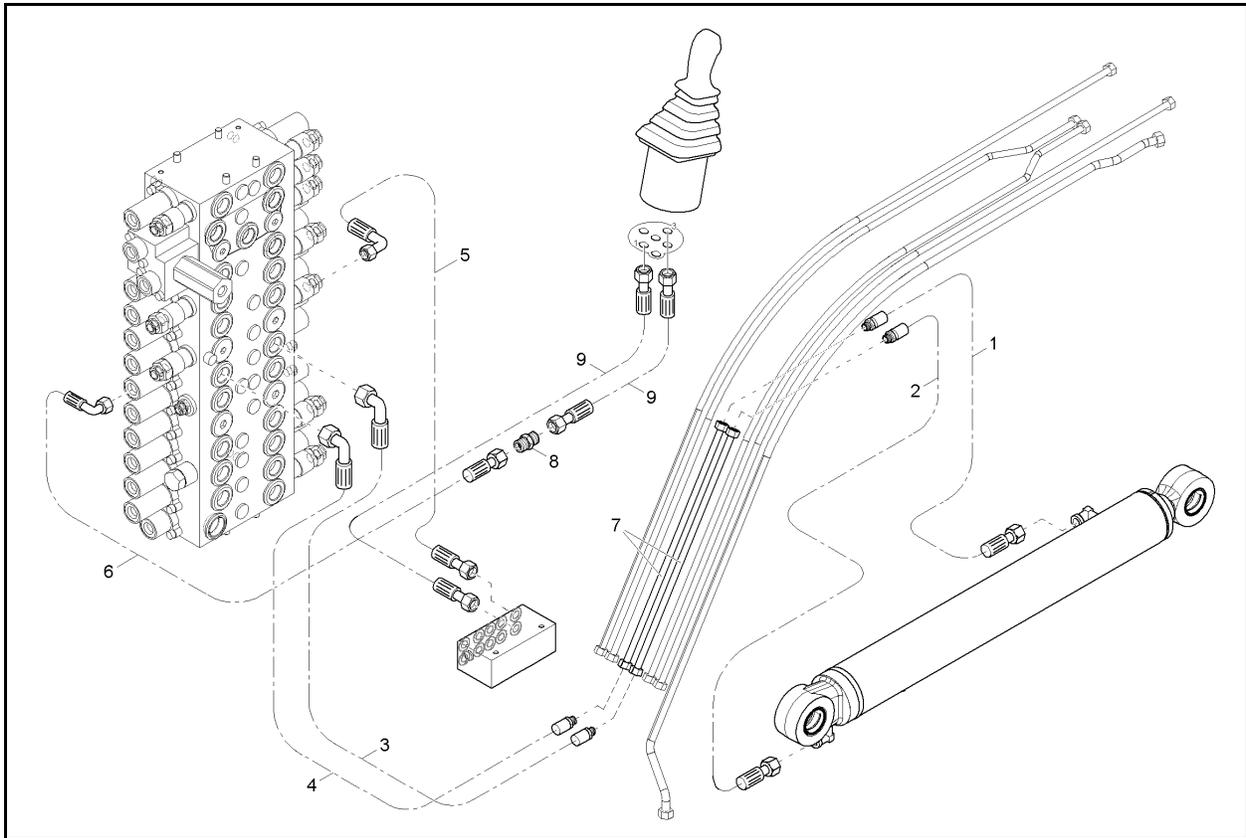


Ref. No.	Part No.	Description	Qty.
1	204071	DIPPER ARM CYLINDER	1
2	177585	SEAL KIT	1
3	177579	GUIDE BUSHING	1
4	177580	PISTON ROD	1
5	177581	PISTON	1
6	162481	SET SCREW	1
7	161526	BUSHING	2

Ref. No.	Part No.	Description	Qty.
8	9910346G	SCREW JOINT	2
9	177900	BRACKET/HOSE	1
10	656006	CS M10-1.5 X 20 C8.8 ZY	1
11	161669	LOCKWASHER S10	1
12	161640	WASHER/GR A 10.5	1
13	161589	PIN SEAL	4

# 603 - DIPPER ARM INSTALLATION

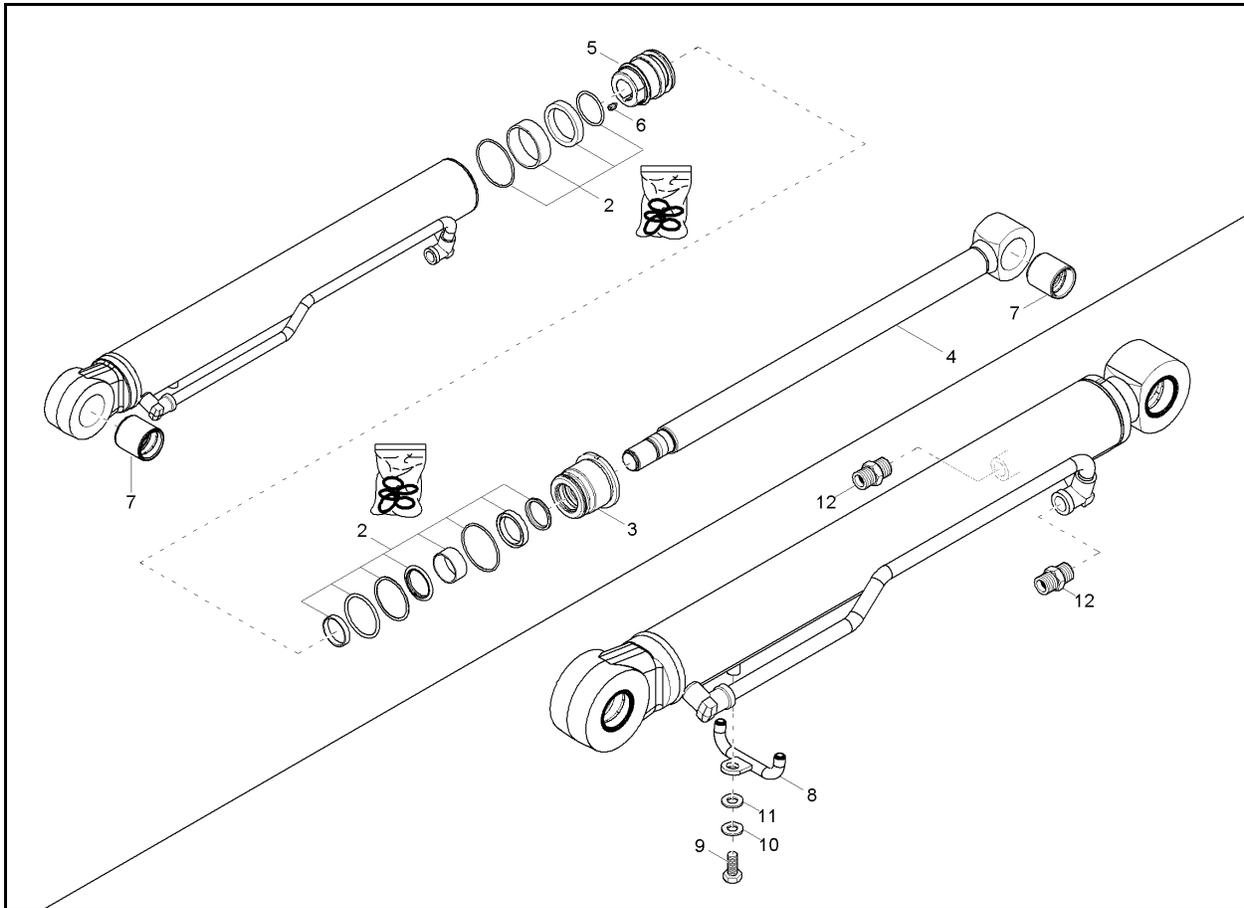
## 1000126900



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177617	HP HOSE	1	6	161350	HP HOSE	1
2	205365	HP HOSE	1	7	177484	HYDRAULIC PIPE	2
3	177517	HP HOSE	1	8	161479	SCREW JOINT	1
4	177518	HP HOSE	1	9	179544	HP HOSE	2
5	161220	HP HOSE	1				

# 603 - BUCKET CYLINDER

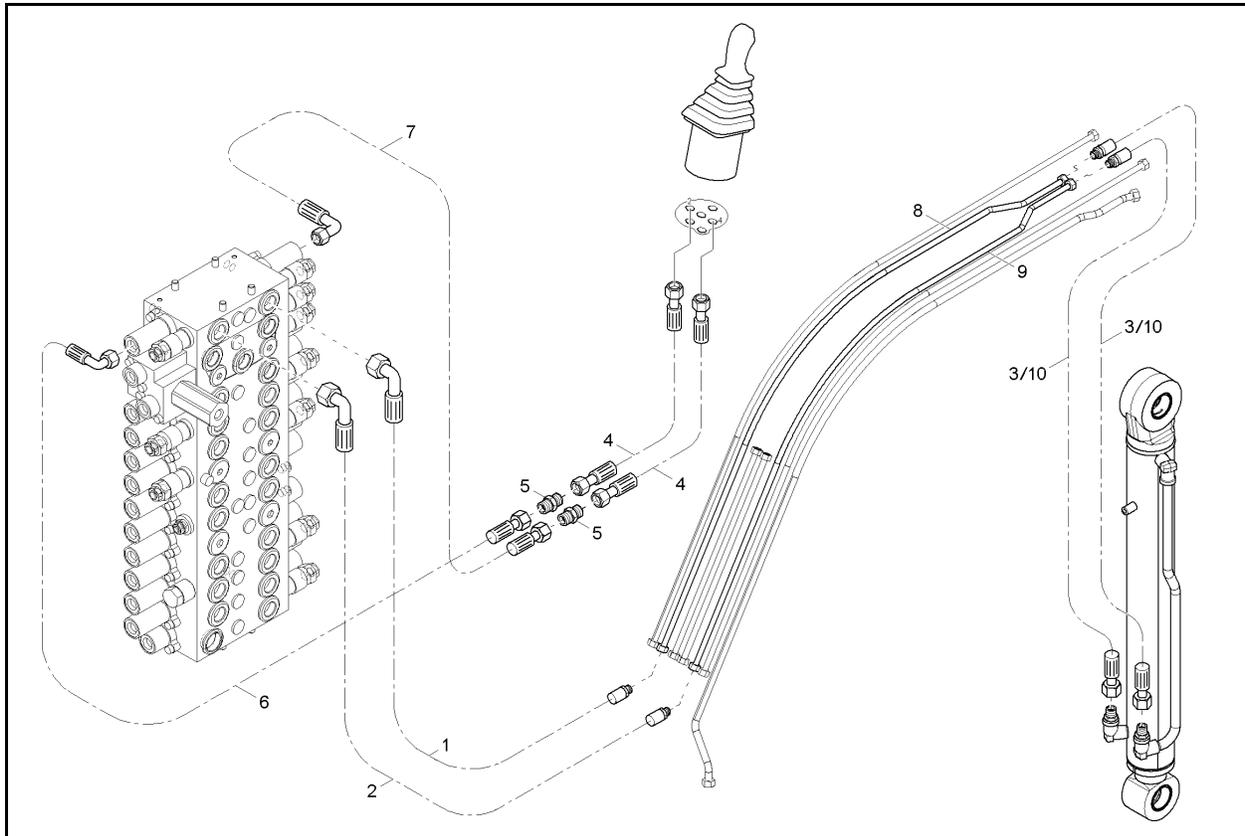
1000126512



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204072	BUCKET CYLINDER	1	7	177715	STEEL BUSHING	2
2	177586	SEAL KIT	1	8	177899	BRACKET/HOSE	1
3	177582	GUIDE BUSHING	1	9	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	1
4	177583	PISTON ROD	1	10	161669	LOCKWASHER S10	1
5	177584	PISTON	1	11	161640	WASHER/GR A 10.5	1
6	162481	SET SCREW	1	12	9910346G	SCREW JOINT	2

# 603 - BUCKET CYLINDER INSTALLATION

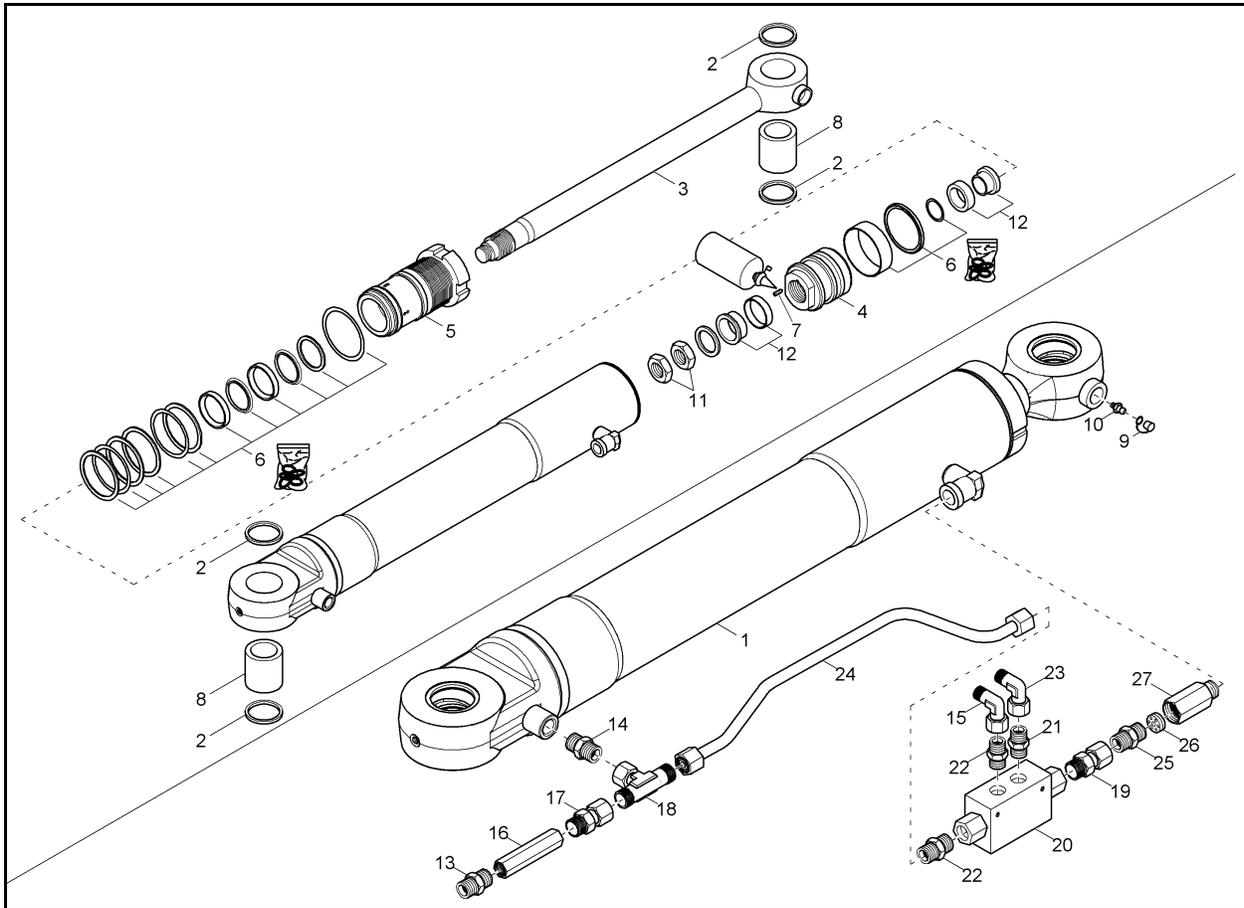
1000127060, 1000127133 & 1000181335



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177519	HP HOSE	1	8	177486	HYDRAULIC PIPE	1
2	177520	HP HOSE	1	9	177485	HYDRAULIC PIPE	1
3	177563	HP HOSE (1600MM/63")*	2	10	204680	HP HOSE (1850MM/73")* (SN AD06210 and up)	2
4	177856	HP HOSE	2		204667	HP HOSE (1850MM/73")* (SN AC02513 - AD06209)	2
5	161479	SCREW JOINT	2				
6	161350	HP HOSE	1				
7	161220	HP HOSE	1				

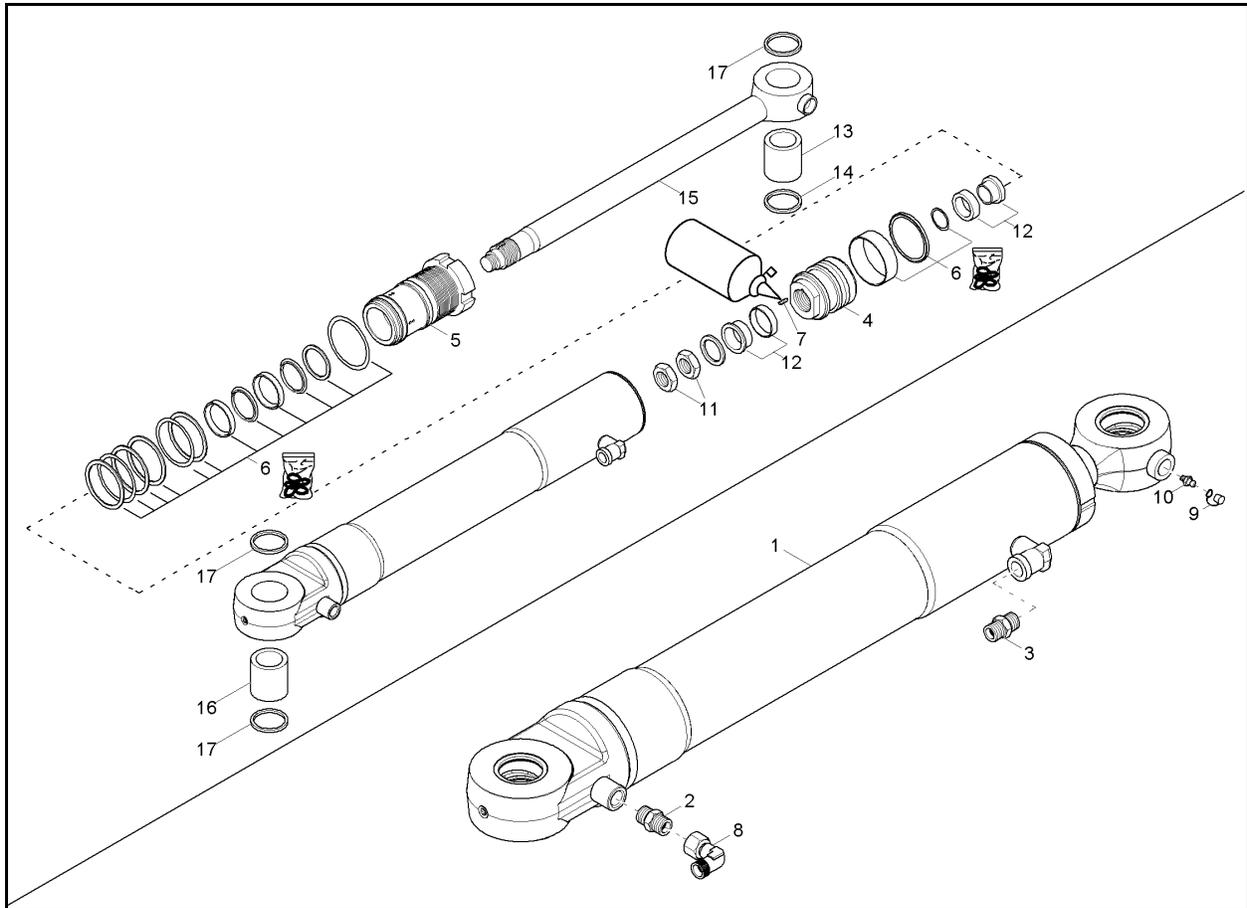
\* 63" hose for short dipper arm; 73" hose for long dipper arm.

**603 - SWIVEL CYLINDER**  
**1000184580 - (SN AH00918 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204033	BOOM OFFSET CYLINDER	1	15	161444	90° FITTING	1
2	161588	PIN SEAL	4	16	178456	NONRETURN VALVE	1
3	161018	PISTON ROD	1	17	204129	SCREW JOINT	1
4	161022	PISTON	1	18	0003631620	SCREW CONN. ET 10 L O.M S A3C	1
5	161027	GLAND	1	19	162496	SCREW JOINT	1
6	162895	SEAL KIT	1	20	160667	NON RETURN VALVE	1
7	162481	SET SCREW	1	21	161426	SCREW JOINT	1
8	161550	BUSHING	2	22	163113	SCREW JOINT	1
9	161422	CAP	1	23	161443	90° FITTING	1
10	161412	GREASE ZERK-9MM HEX HEAD	1	24	204156	HYDRAULIC PIPE	1
11	177688	HEX NUT	2	25	161427	SCREW JOINT	1
12	178111	DAMPING	1	26	165896	RESTRICTOR	1
13	161429	SCREW JOINT 12L	1	27	204157	SCREW JOINT	1
14	165961	SCREW JOINT	1				

**603 - SWIVEL CYLINDER**  
**1000158024 - (SN AH00645 - AH00917)**

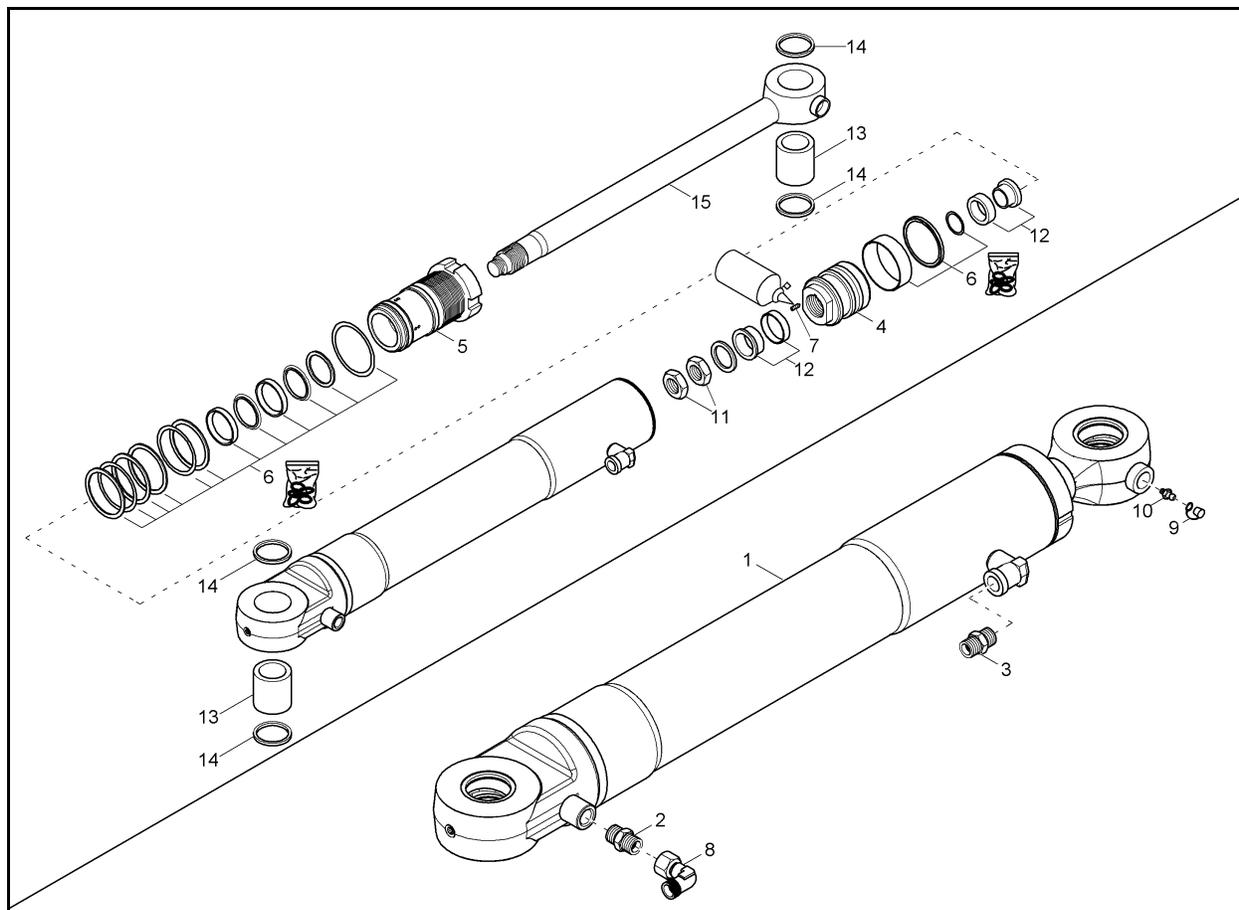


Ref. No.	Part No.	Description	Qty.
1	204033	BOOM OFFSET CYLINDER	1
2	177456	SCREW JOINT	1
3	165961	SCREW JOINT	1
4	161022	PISTON	1
5	161027	GLAND	1
6	162895	SEAL KIT	1
7	162481	SET SCREW	1
8	161444	90° FITTING	1

Ref. No.	Part No.	Description	Qty.
9	161422	CAP	1
10	161412	GREASE ZERK-9MM HEX HEAD	1
11	177688	HEX NUT	2
12	178111	DAMPING	1
13	161550	BUSHING	2
14	161588	PIN SEAL	4
15	161018	PISTON ROD	1

# 603 - SWIVEL CYLINDER

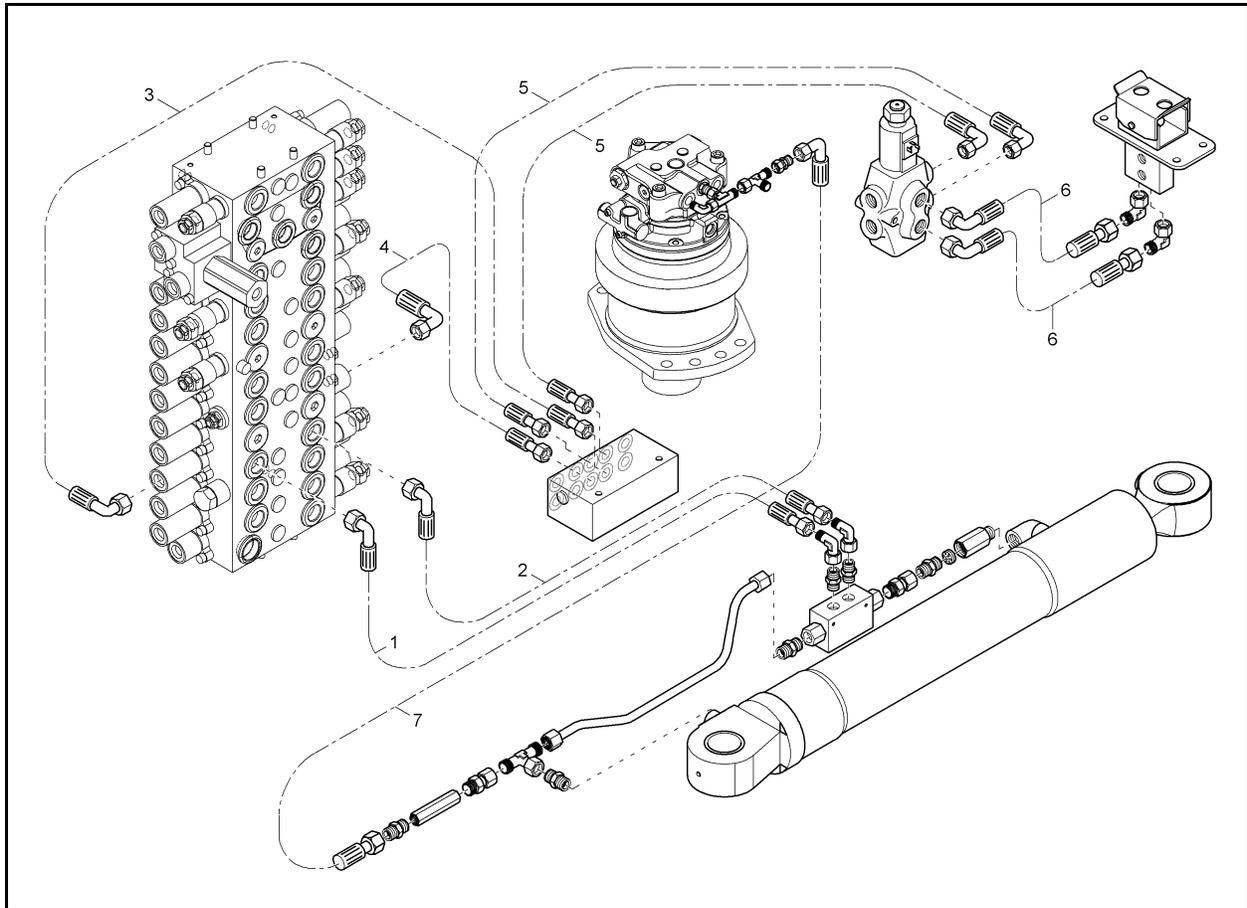
## 1000124248 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204033	BOOM OFFSET CYLINDER	1	8	161444	90° FITTING (SN AC03331 - AD07207)	1
2	165961	SCREW JOINT (SN AC03331 - AD07207)	1		161445	90° FITTING (SN AC02513 - AC03330)	1
	161430	SCREW JOINT (SN AC02513 - AC03330)	1	9	161422	CAP	1
3	177456	SCREW JOINT (SN AC03331 - AD07207)	1	10	161412	GREASE ZERK-9MM HEX HEAD	1
	161430	SCREW JOINT (SN AC02513 - AC03330)	1	11	177688	HEX NUT	2
4	161022	PISTON	1	12	178111	DAMPING	1
5	161027	GLAND	1	13	161550	BUSHING	2
6	162895	SEAL KIT	1	14	161588	PIN SEAL	4
7	162481	SET SCREW	1	15	161018	PISTON ROD	1

# 603 - SWIVEL CYLINDER INSTALLATION

## 1000184595 - (SN AH00918 AND UP)

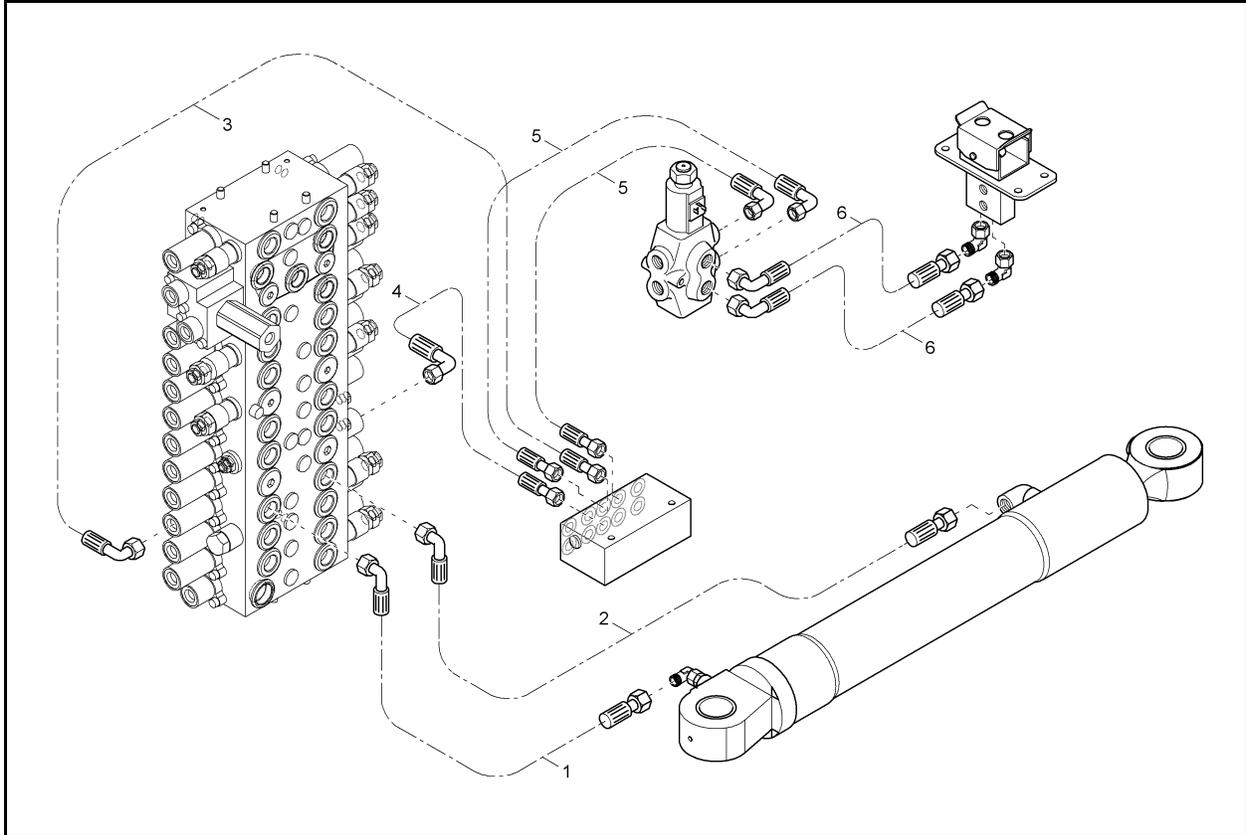


Ref. No.	Part No.	Description	Qty.
1	204158	HP HOSE	1
2	204130	HP HOSE	1
3	161350	HP HOSE	1
4	161220	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
5	177944	HP HOSE	2
6	164800	HP HOSE	2
7	162418	HP HOSE	1

# 603 - SWIVEL CYLINDER INSTALLATION

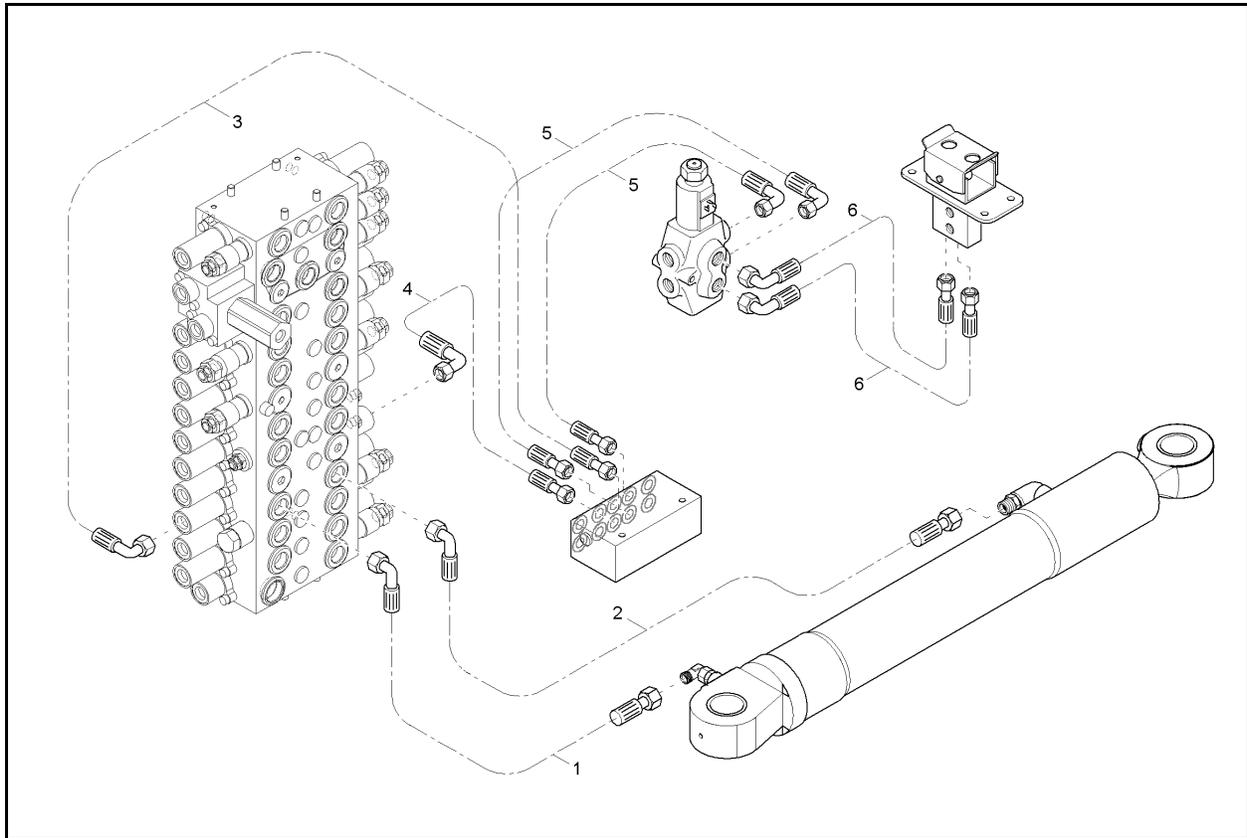
## 1000158027 - (SN AH00645 - AH00917)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205503	HP HOSE	1	4	161220	HP HOSE	1
2	204130	HP HOSE	1	5	177944	HP HOSE	2
3	161350	HP HOSE	1	6	164800	HP HOSE	2

# 603 - SWIVEL CYLINDER INSTALLATION

1000127087 - (SN AC02513 - AD07207)

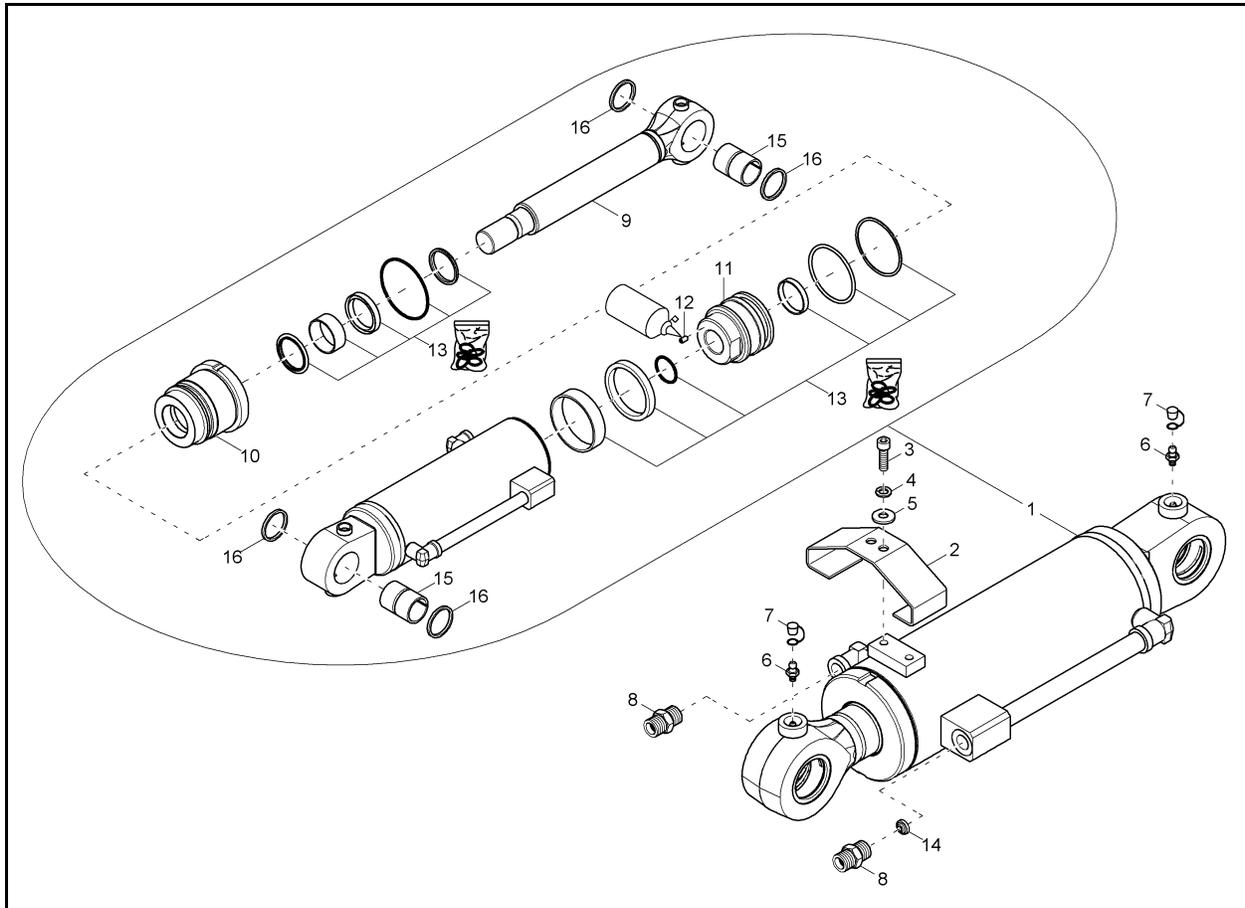


Ref. No.	Part No.	Description	Qty.
1	205503	HP HOSE (SN AC03331 - AD07207)	1
	177543	HP HOSE (SN AC02513 - AC03330)	1
2	204130	HP HOSE (SN AC03331 - AD07207)	1
	177544	HP HOSE (SN AC02513 - AC03330)	1

Ref. No.	Part No.	Description	Qty.
3	161350	HP HOSE	1
4	161220	HP HOSE	1
5	177944	HP HOSE	2
6	164800	HP HOSE	2

# 603 - DOZER BLADE CYLINDER

1000128187

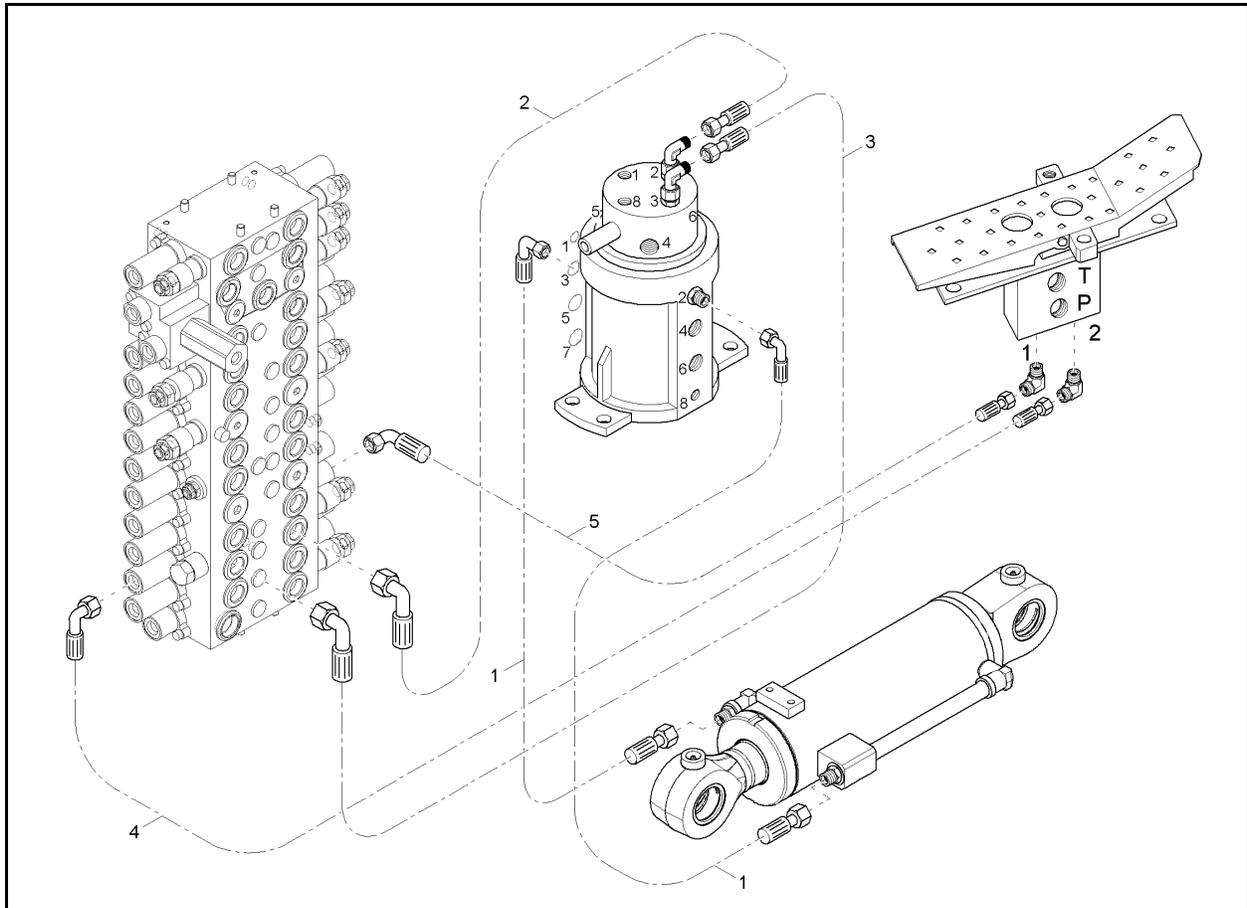


Ref. No.	Part No.	Description	Qty.
1	204034	DOZER BLADE CYLINDER	1
2	162650	GUARD	1
3	651472	SHCS M10-1.25 X 20 F8.8 ZY DIN912	2
4	161669	LOCKWASHER S10	2
5	161640	WASHER/GR A 10.5	2
6	161412	GREASE ZERK-9MM HEX HEAD	2
7	161422	CAP	2
8	161430	SCREW JOINT	2

Ref. No.	Part No.	Description	Qty.
9	161019	PISTON ROD	1
10	161028	GLAND	1
11	161020	PISTON	1
12	162481	SET SCREW	1
13	161053	SEAL KIT/CYLINDER	1
14	162732	RESTRICTOR	1
15	161526	BUSHING	2
16	161589	PIN SEAL	4

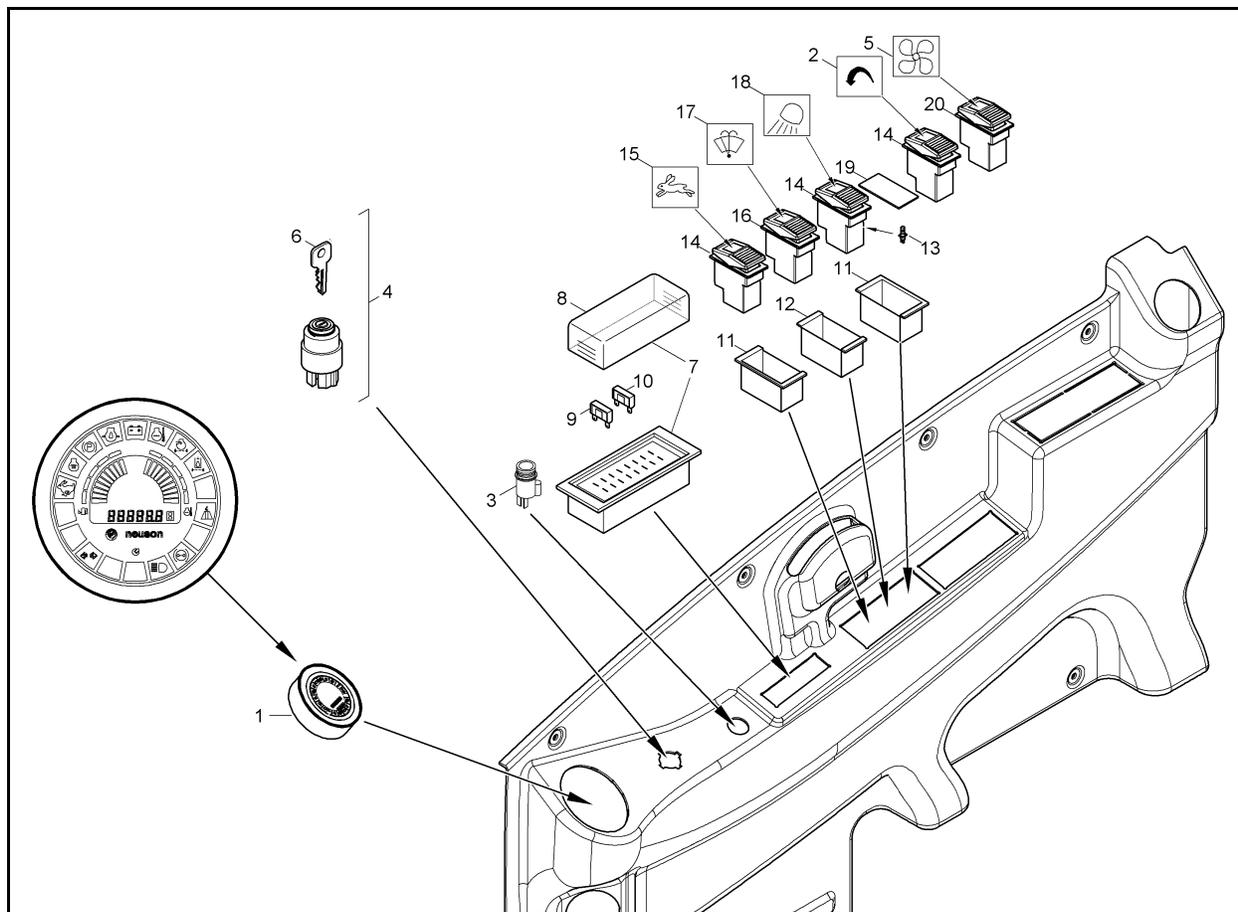
# 603 - DOZER BLADE CYLINDER INSTALLATION

1000127054



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177854	HP HOSE	2	4	177954	HP HOSE	1
2	177573	HP HOSE	1	5	177953	HP HOSE	1
3	177575	HP HOSE	1				

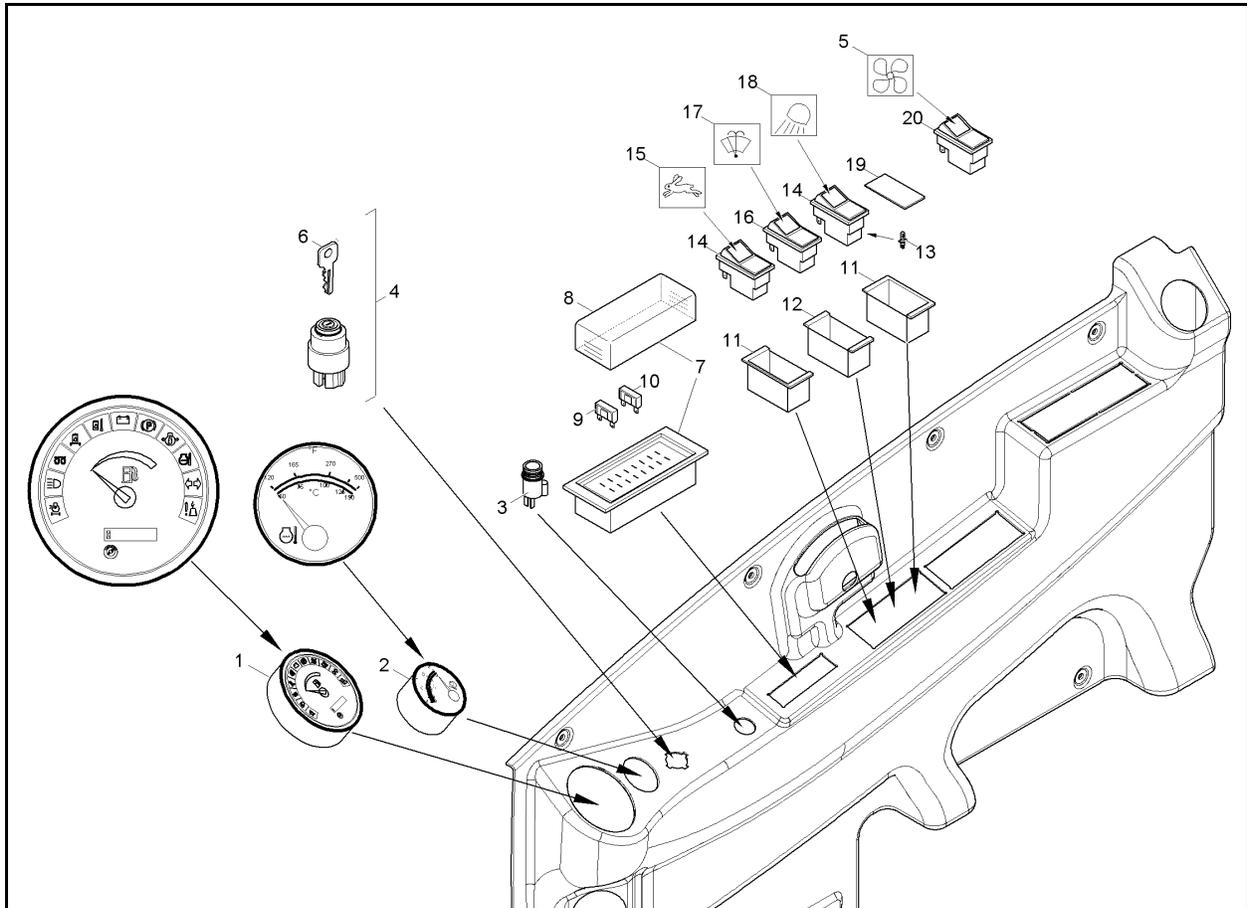
# 603 - INSTRUMENT PANEL 1000180335 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203406	INSTRUMENT CLUSTER	1	11	209196	FRAME	4
2	203407	AUTO IDLE SYMBOL	1	12	209197	FRAME	6
3	164696	CIGARETTE LIGHTER	1	13	177646	BULB	5
4	0003331306	PREHEATING START SWITCH W/KEYS	1	14	164883	ROCKER SWITCH	3
5	164708	VENTILATION FAN SYMBOL	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY*	1	16	164881	ROCKER SWITCH (WIPER)	1
7	177976	FUSE BOX	1	17	164709	WIPER SYMBOL	1
8	177977	COVER/FUSE BOX	1	18	164879	WORK LIGHT SYMBOL	1
9	161374	FUSE 10 A	5	19	0003320872	BLANK	5
10	161375	FUSE 15 A	3	20	164884	ROCKER SWITCH (FAN)	1

\* Same key(s) to start engine and operate all locks on unit.

**603 - INSTRUMENT PANEL**  
**1000129519 - (SN AC02890 - AD07207)**



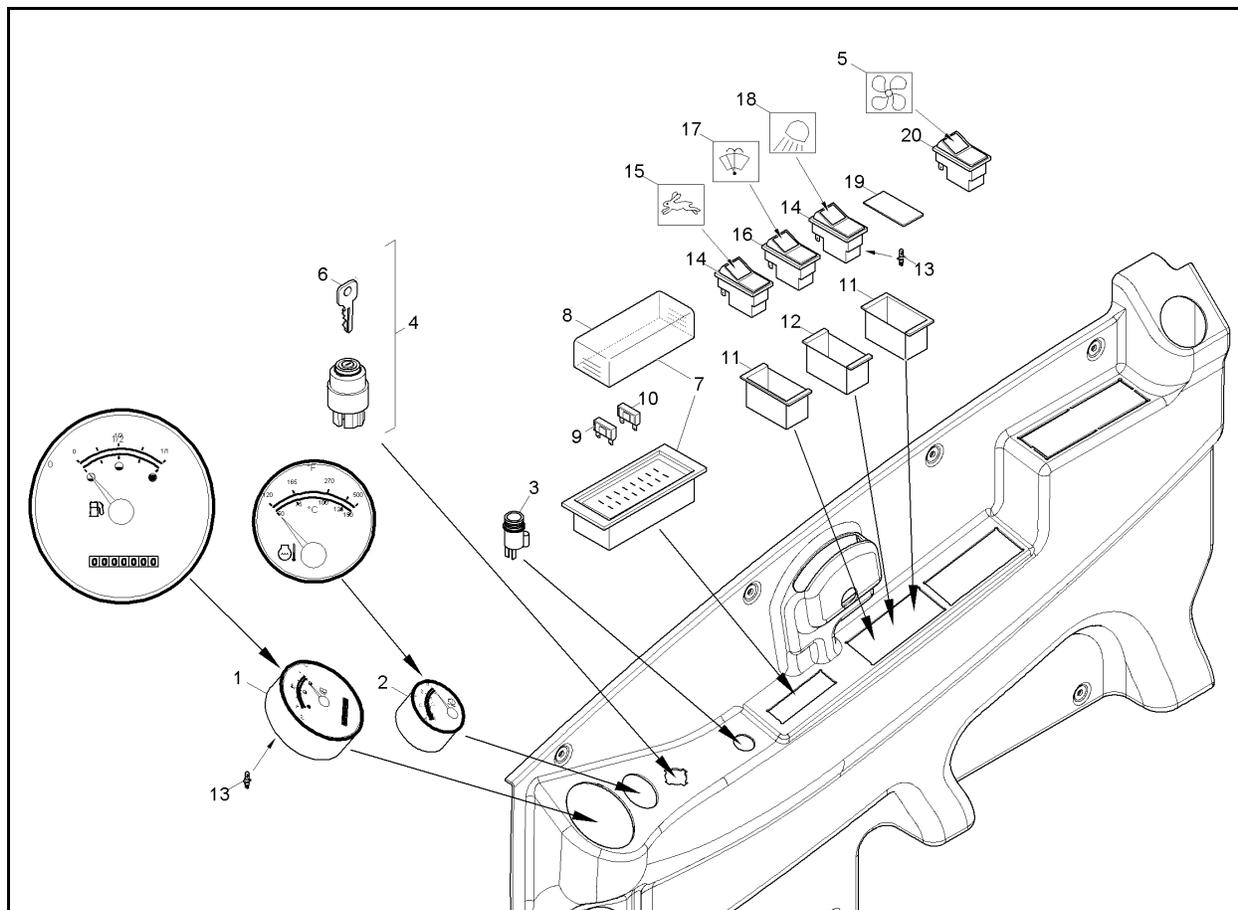
Ref. No.	Part No.	Description	Qty.
1	177095	INSTRUMENT CLUSTER	1
2	177667	TEMPERATURE GAUGE	1
3	164696	CIGARETTE LIGHTER	1
4	0003331306	PREHEATING START SWITCH W/KEYS	1
5	164708	VENTILATION FAN SYMBOL	1
6	101792	KEY*	1
7	177976	FUSE BOX	1
8	177977	COVER/FUSE BOX	1
9	161374	FUSE 10 A	5
10	161375	FUSE 15 A	3

Ref. No.	Part No.	Description	Qty.
11	209196	FRAME	4
12	209197	FRAME	6
13	177646	BULB	4
14	164883	ROCKER SWITCH	2
15	164710	HIGH SPEED SYMBOL	1
16	164881	ROCKER SWITCH (WIPER)	1
17	164709	WIPER SYMBOL	1
18	164879	WORK LIGHT SYMBOL	1
19	0003320872	BLANK	6
20	164884	ROCKER SWITCH (FAN)	1

\* Same key(s) to start engine and operate all locks on unit.

# 603 - INSTRUMENT PANEL

## 1000124295 - (SN AC02513 - AC02889)

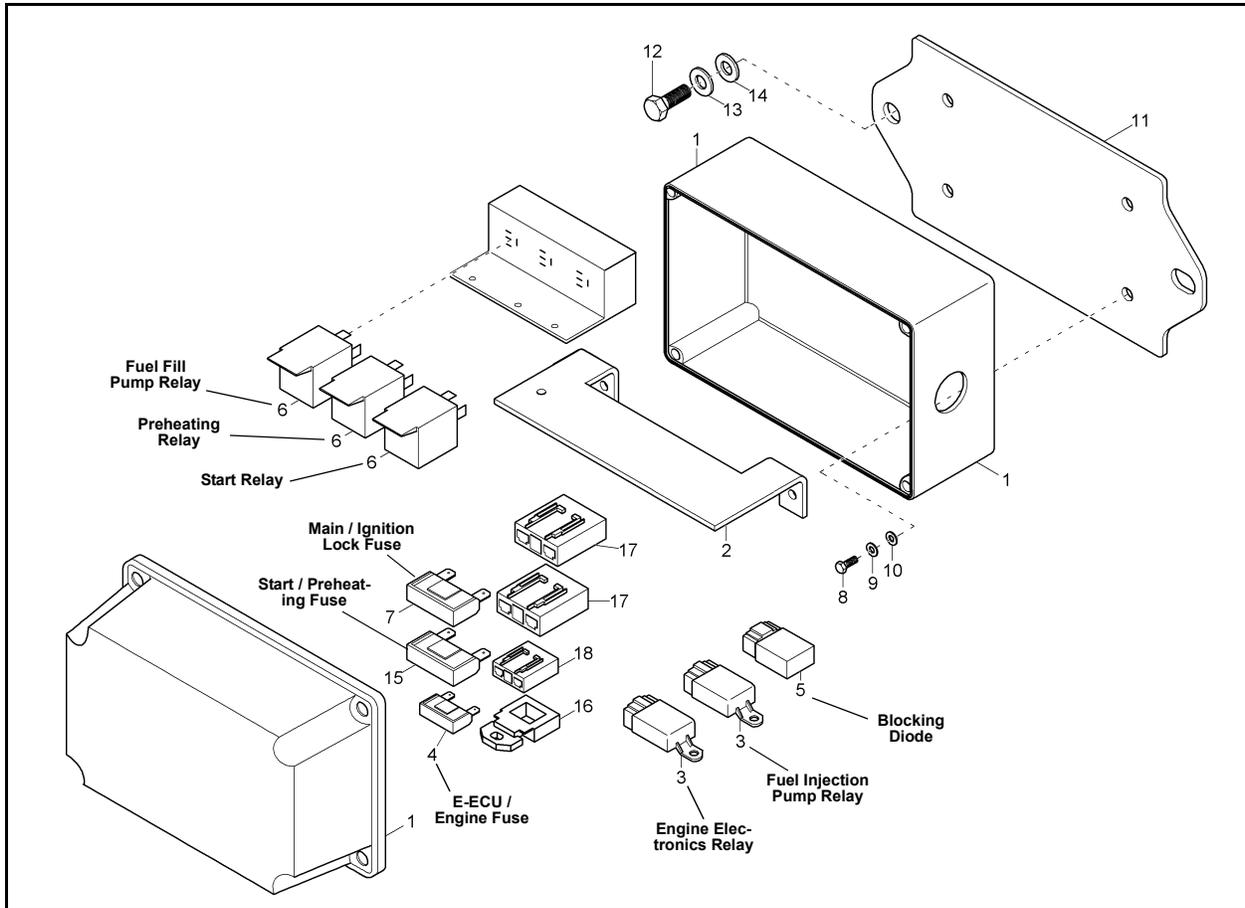


Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	177824	INDICATOR INSTRUMENT	1	11	209196	FRAME	4
2	177667	TEMPERATURE GAUGE	1	12	209197	FRAME	6
3	164696	CIGARETTE LIGHTER	1	13	177646	BULB	15
4	0003331306	PREHEATING START SWITCH W/KEYS	1	14	164883	ROCKER SWITCH	2
5	164708	VENTILATION FAN SYMBOL	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY*	1	16	164881	ROCKER SWITCH (WIPER)	1
7	177976	FUSE BOX	1	17	164709	WIPER SYMBOL	1
8	177977	COVER/FUSE BOX	1	18	164879	WORK LIGHT SYMBOL	1
9	161374	FUSE 10 A	5	19	0003320872	BLANK	6
10	161375	FUSE 15 A	3	20	164884	ROCKER SWITCH (FAN)	1

\* Same key(s) to start engine and operate all locks on unit.

# 603 - RELAY BOX

## 1000182936 - (SN AH00645 AND UP)

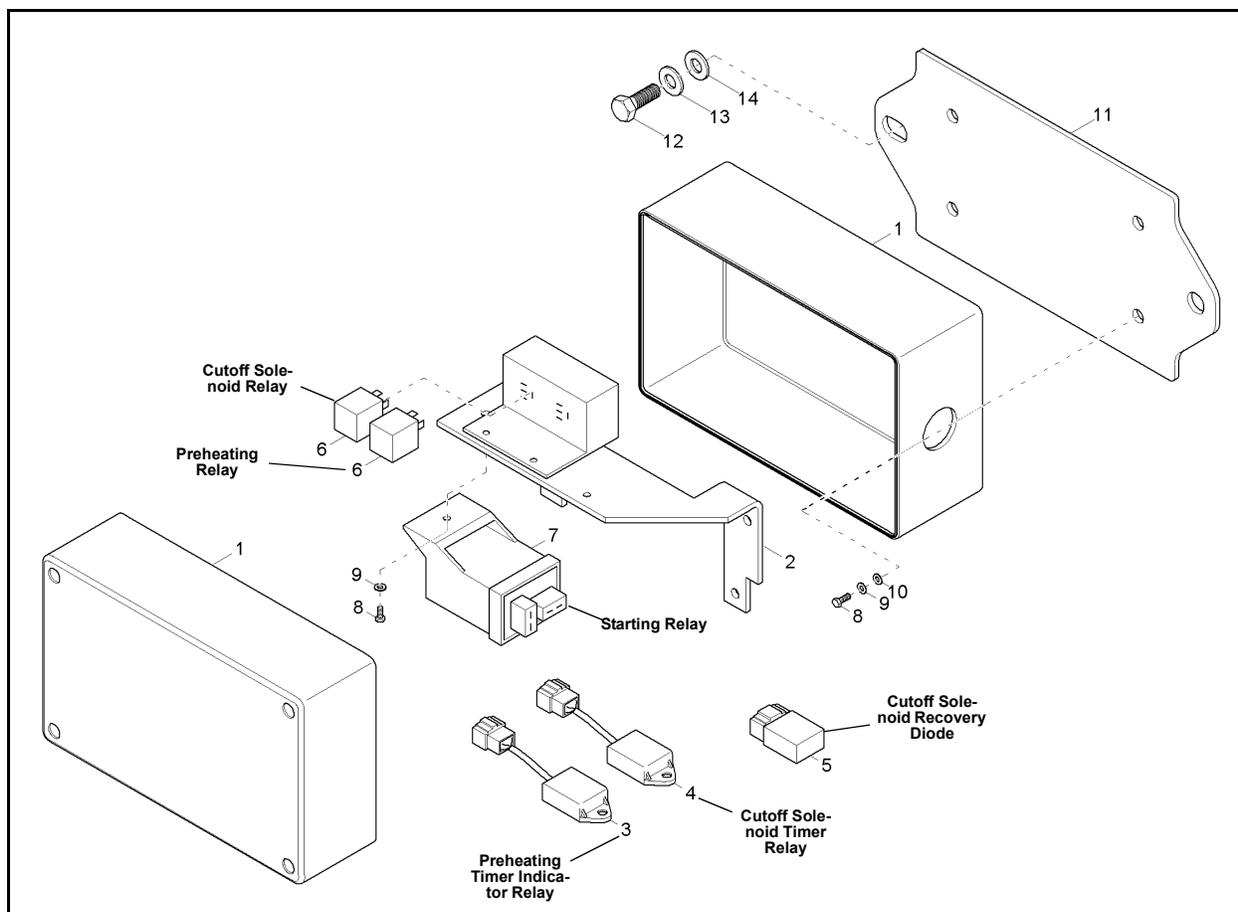


Ref. No.	Part No.	Description	Qty.
1	203408	HOUSING	1
2	177887	BRACKET/RELAY	1
3	203409	RELAY	2
4	161374	FUSE 10 A	1
5	177647	DIODE	1
6	177222	RELAY 70 A	3
7	161998	FUSE 50 A	1
8	206436	HEX SCREW	5
9	161674	LOCKWASHER S16	5

Ref. No.	Part No.	Description	Qty.
10	161665	WASHER/GR A 5.3	4
11	205101	BRACKET/RELAY BOX	1
12	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	2
13	161669	LOCKWASHER S10	2
14	161640	WASHER/GR A 10.5	2
15	162838	FUSE 40 A	1
16	0003330022	CONNECTING STRAP (1-BORE)	1
17	0003330440	SUPPORT	2
18	0003330540	SUPPORT	1

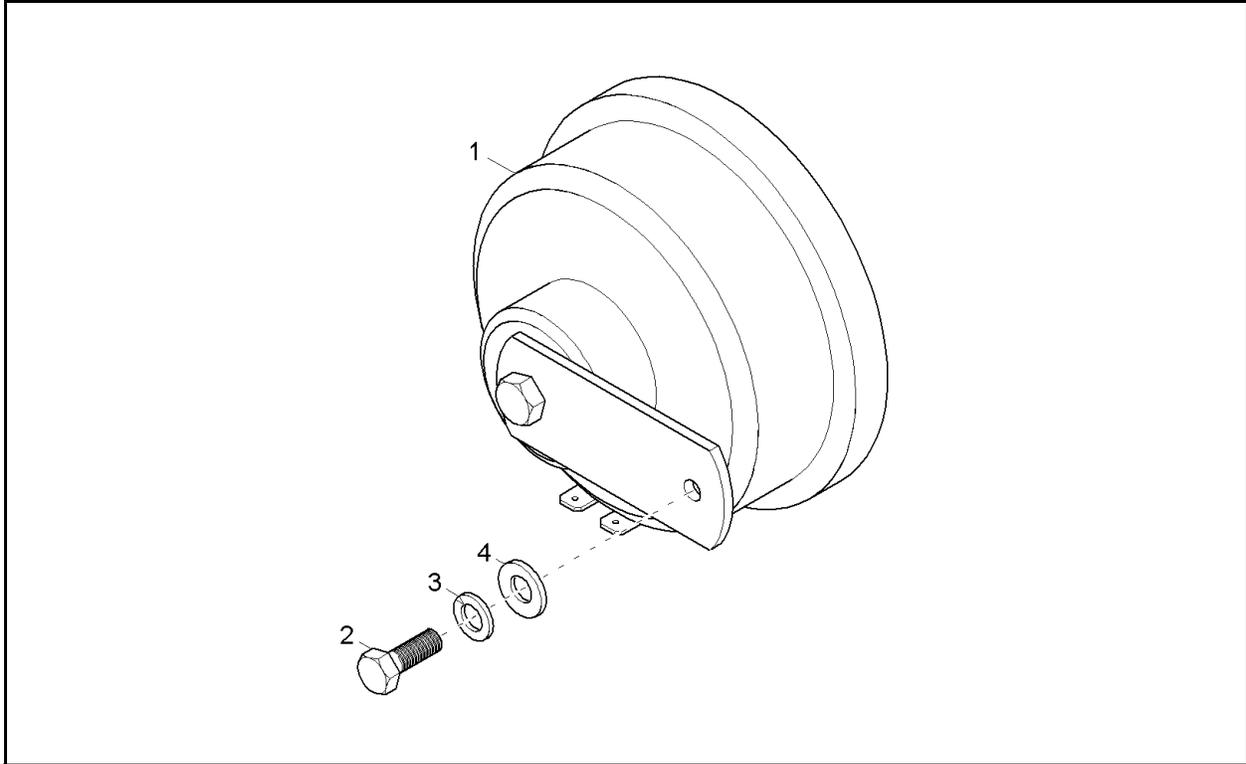
# 603 - RELAY BOX

## 1000124561 - (SN AC02513 - AD07207)



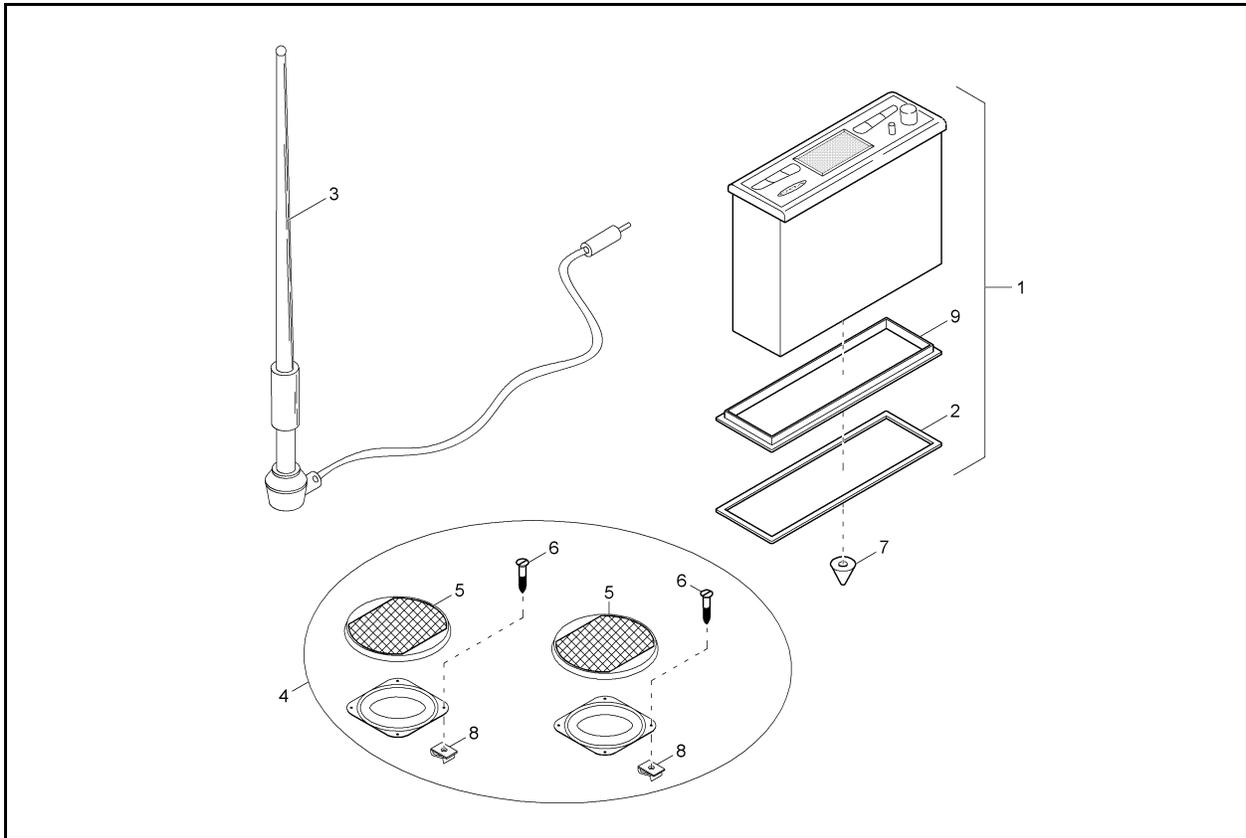
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177748	HOUSING	1	8	206436	HEX SCREW	5
2	177887	BRACKET/RELAY	1	9	161674	LOCKWASHER S16	5
3	160821	RELAY 10 A	1	10	161665	WASHER/GR A 5.3	4
4	160891	RELAY 10 A	1	11	205101	BRACKET/RELAY BOX	1
5	177647	DIODE	1	12	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	2
6	177222	RELAY 70 A	2	13	161669	LOCKWASHER S10	2
7	178930	RELAY 15A	1	14	161640	WASHER/GR A 10.5	2

**603 - HORN**  
**1000124118**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161366	HORN	1	3	163670	WASHER	1
2	656093	CS M8-1.25 X 16 C8.8 ZO	1	4	163634	WASHER	1

**603 - RADIO (OPTION)**  
**1000124557**

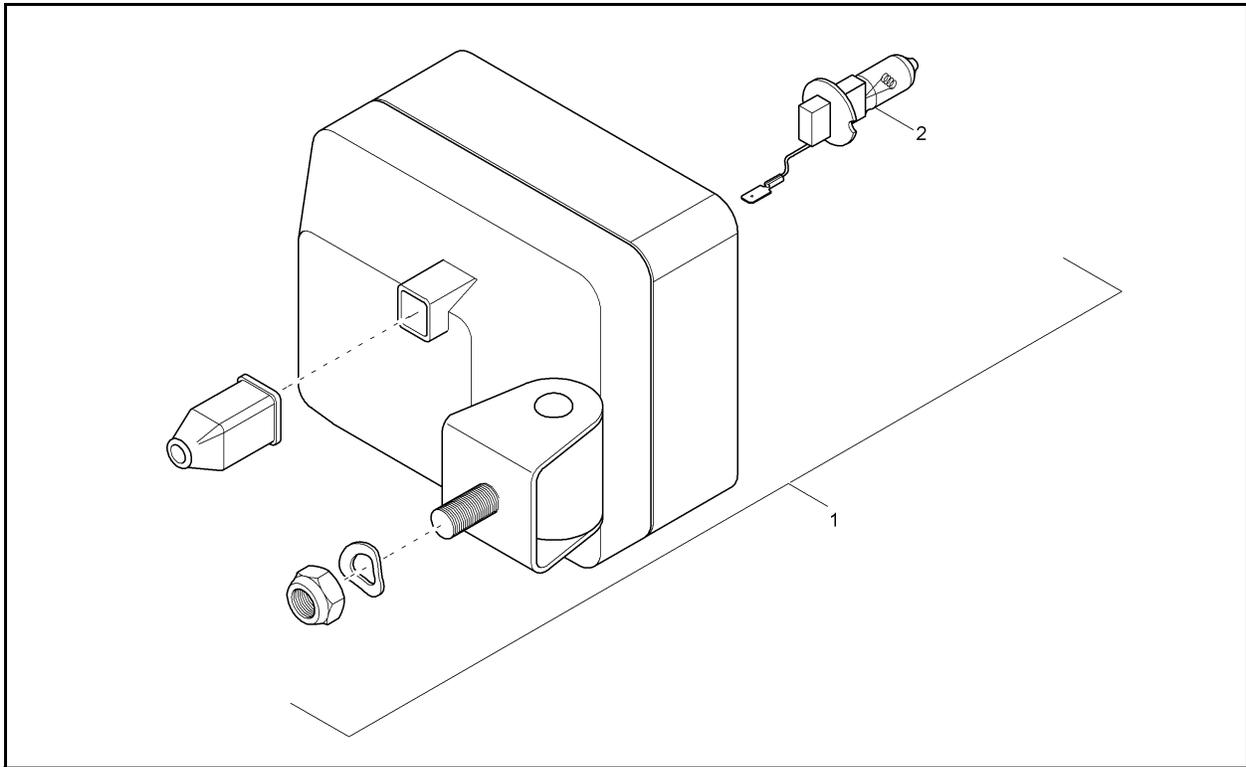


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204027	RADIO	1	6	162035	SCREW	8
2	164187	FRAME	2	7	178107	RUBBER BUFFER	1
3	162839	ANTENNA	1	8	164683	NUT	8
4	165204	SPEAKER KIT*	1	9	205940	DISTANCE FRAME	1
5	206003	SPEAKER COVER	2				

\* Kit includes two speakers.

# 603 - BOOM WORK LIGHT

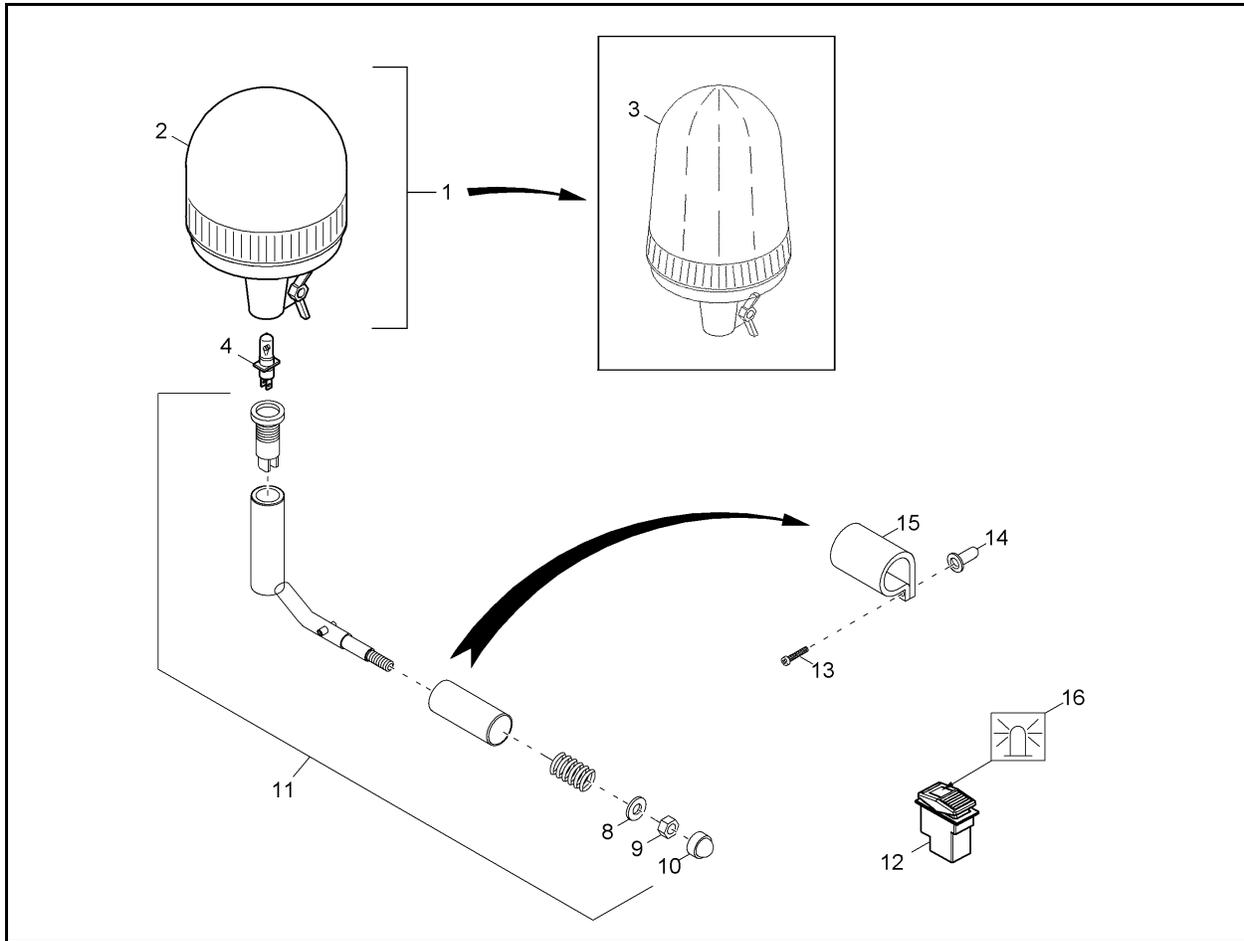
1000124025 & 1000181128



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206848	WORK LIGHT COMPLETE (SN AC03289 and up)	1	2	161367	HALOGEN LAMP	1
	160537	WORK LIGHT COMPLETE (SN AC02513 - AC03288)	1				

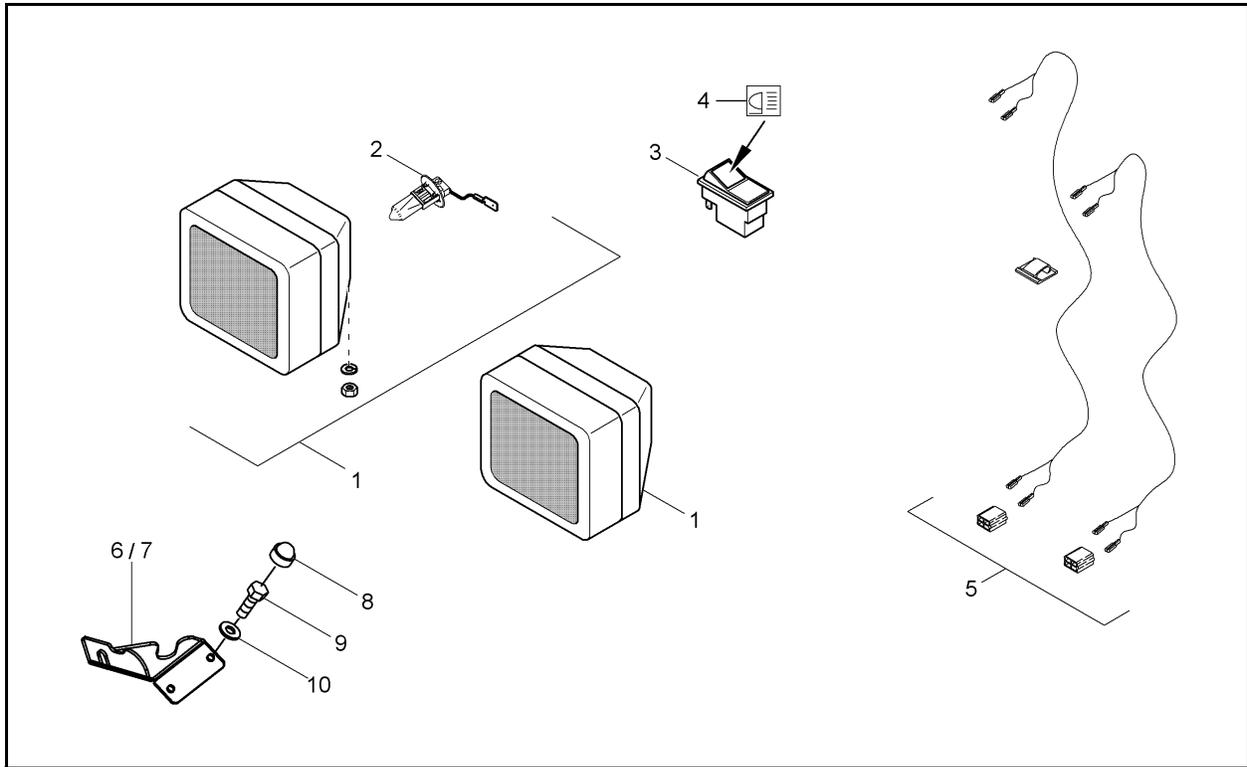
# 603 - ROTATING BEACON (OPTION)

1000177406



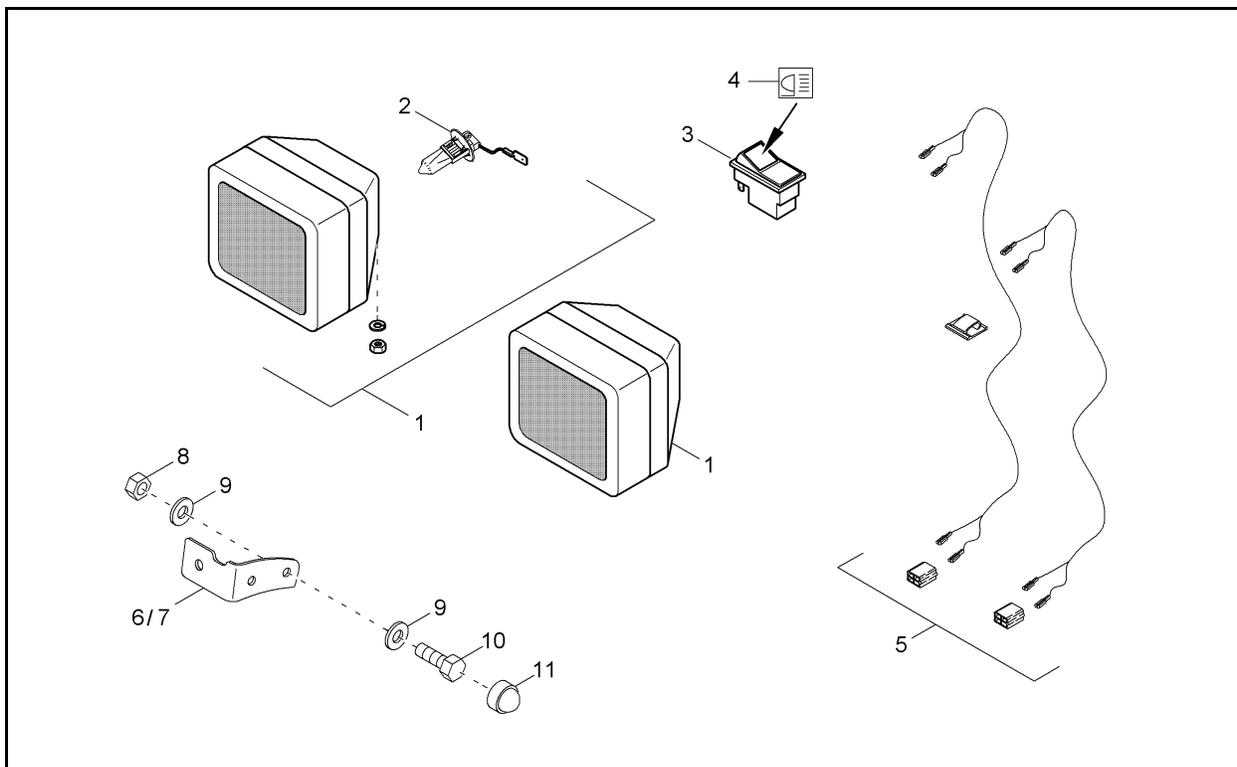
Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	165199	LAMP COMPLETE	1	11	165208	LAMP ATTACHMENT	1
2	201775	LENS	1	12	164883	LIGHT SWITCH	1
3	165207	LENS	1	13	651505	SHCS M5-0.8X20 C8.8 ZY DIN912	2
4	179740	HALOGEN LAMP	1	14	178073	SHEETMETAL NUT M5	2
8	161668	WASHER/GR A 8.4 ZO DIN134	1	15	165200	BRACKET	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	1	16	177666	SYMBOL/TURNING LIGHT	1
10	165052	COVER	1				

**603 - CAB WORK LIGHTS, FRONT (OPTION)**  
**1000135614 - (CAB SN 50947 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	2	6	208279	BRACKET/WORK LIGHT LT	1
2	161367	HALOGEN LAMP	2	7	208280	BRACKET/WORK LIGHT RT	1
3	164884	ROCKER SWITCH - 2 POSITION	1	8	162737	COVER	4
4	164871	WORK LIGHT SYMBOL	1	9	656092	CS M6-1 X 12 C8.8 ZY	4
5	178708	CABLE	1	10	162924	WASHER	4

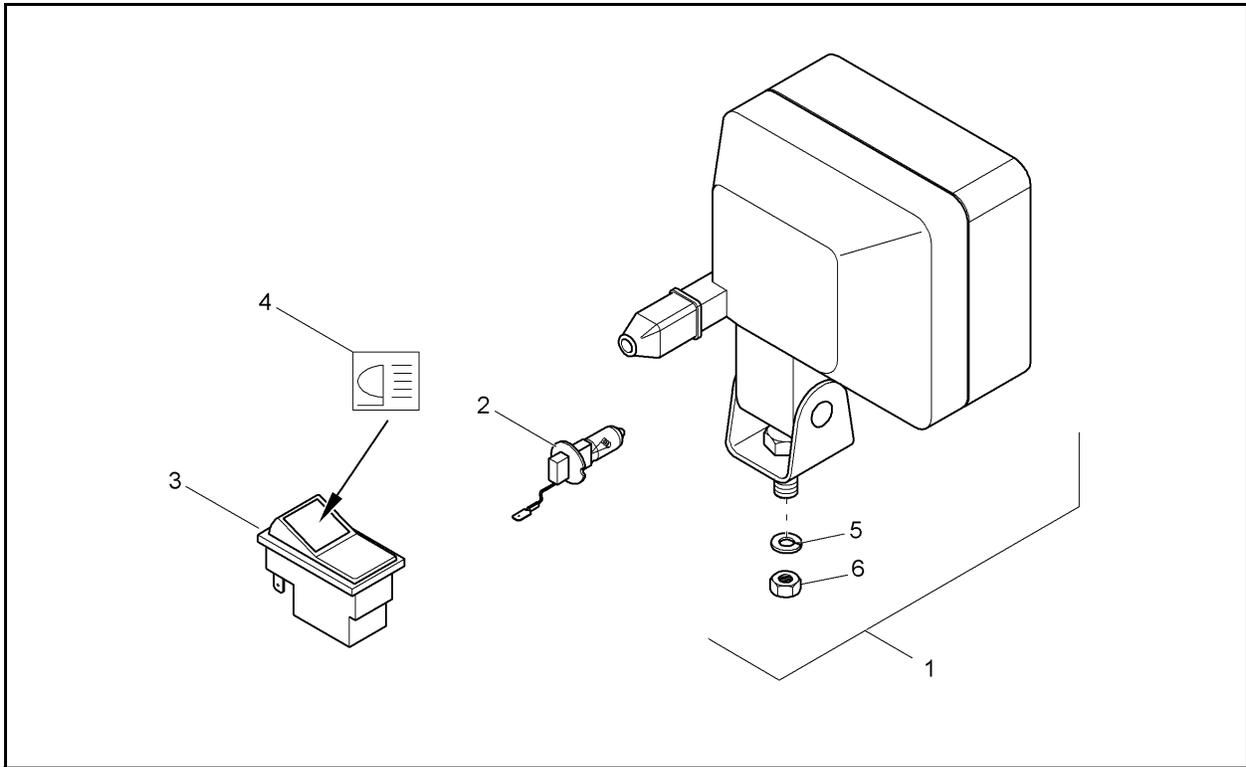
**603 - CAB WORK LIGHTS, FRONT (OPTION)  
1000124321 - (CAB SN 50946 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	2
2	161367	HALOGEN LAMP	2
3	164884	ROCKER SWITCH - 2 POSITION	1
4	164871	WORK LIGHT SYMBOL	1
5	178708	CABLE	1
6	178063	BRACKET/WORK LIGHT LT	1

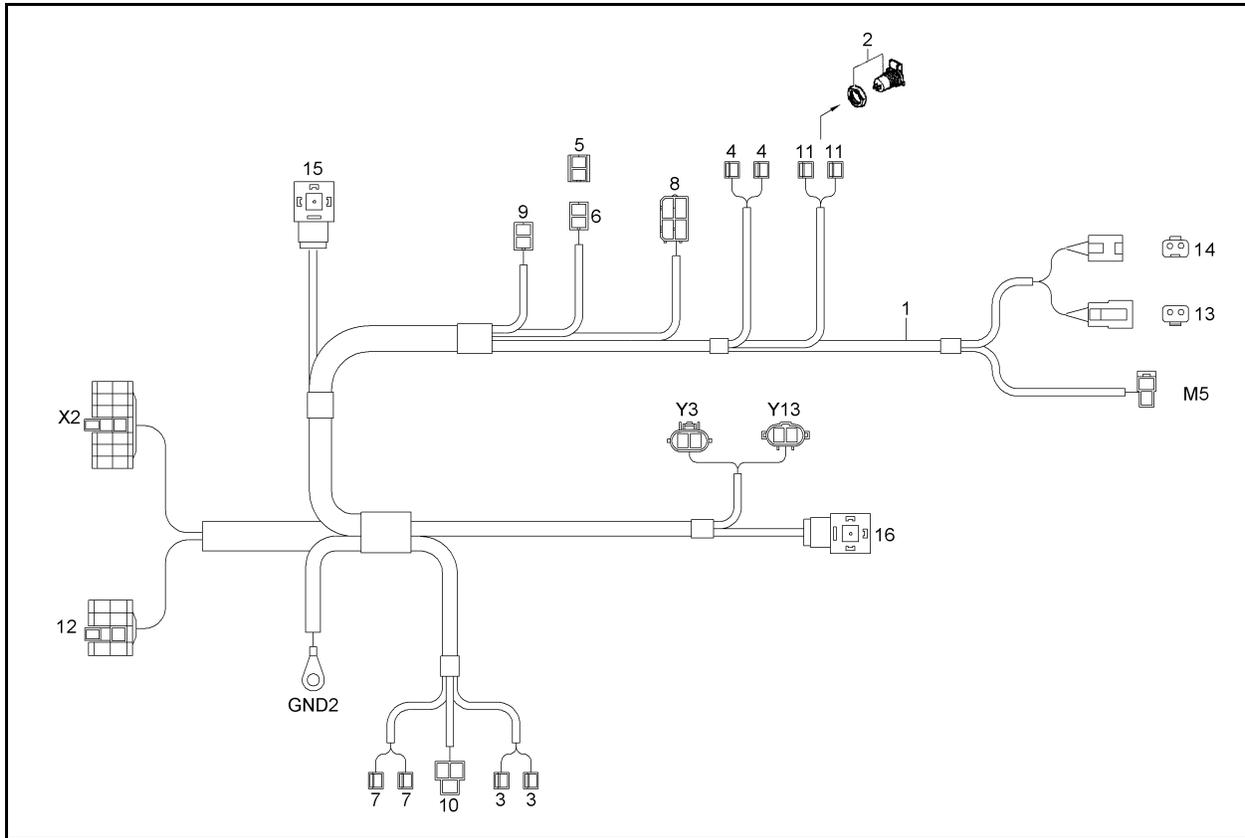
Ref. No.	Part No.	Description	Qty.
7	178064	BRACKET/WORK LIGHT RT	1
8	651458	HLN INST M8-1.25 C8 ZO	4
9	161668	WASHER/GR A 8.4 ZO DIN134	4
10	177648	HEX SCREW	4
11	165052	COVER	4

**603 - CAB WORK LIGHT, REAR (OPTION)  
1000124310**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	1	4	164871	WORK LIGHT SYMBOL	1
2	161367	HALOGEN BULB	1	5	161623	LW SPRING B10 DIN7981	1
3	164884	ROCKER SWITCH - 2 POSITION	1	6	651448	LN INS M10-1.5 C8 ZY DIN6924	1

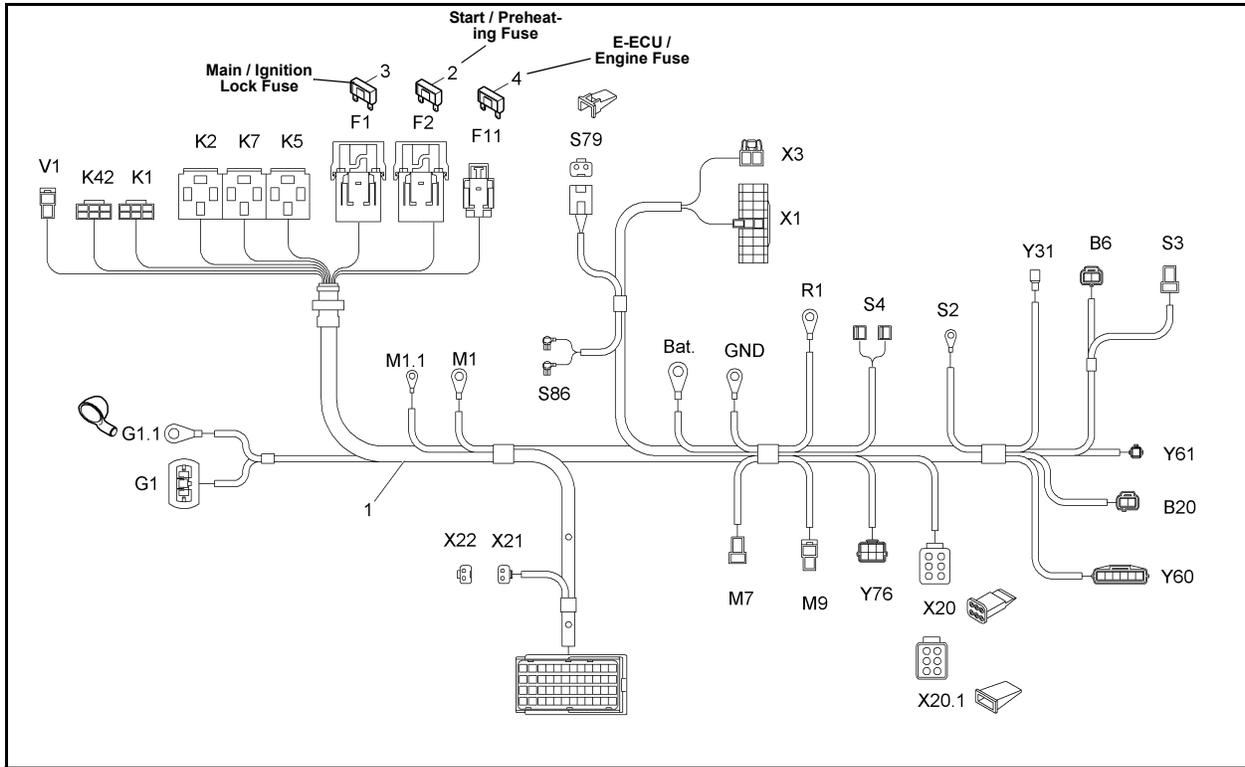
**603 - WIRE HARNESS, CHASSIS**  
**1000180417 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203411	CHASSIS WIRE HARNESS	1	2	161732	SOCKET	1

# 603 - WIRE HARNESS, ENGINE

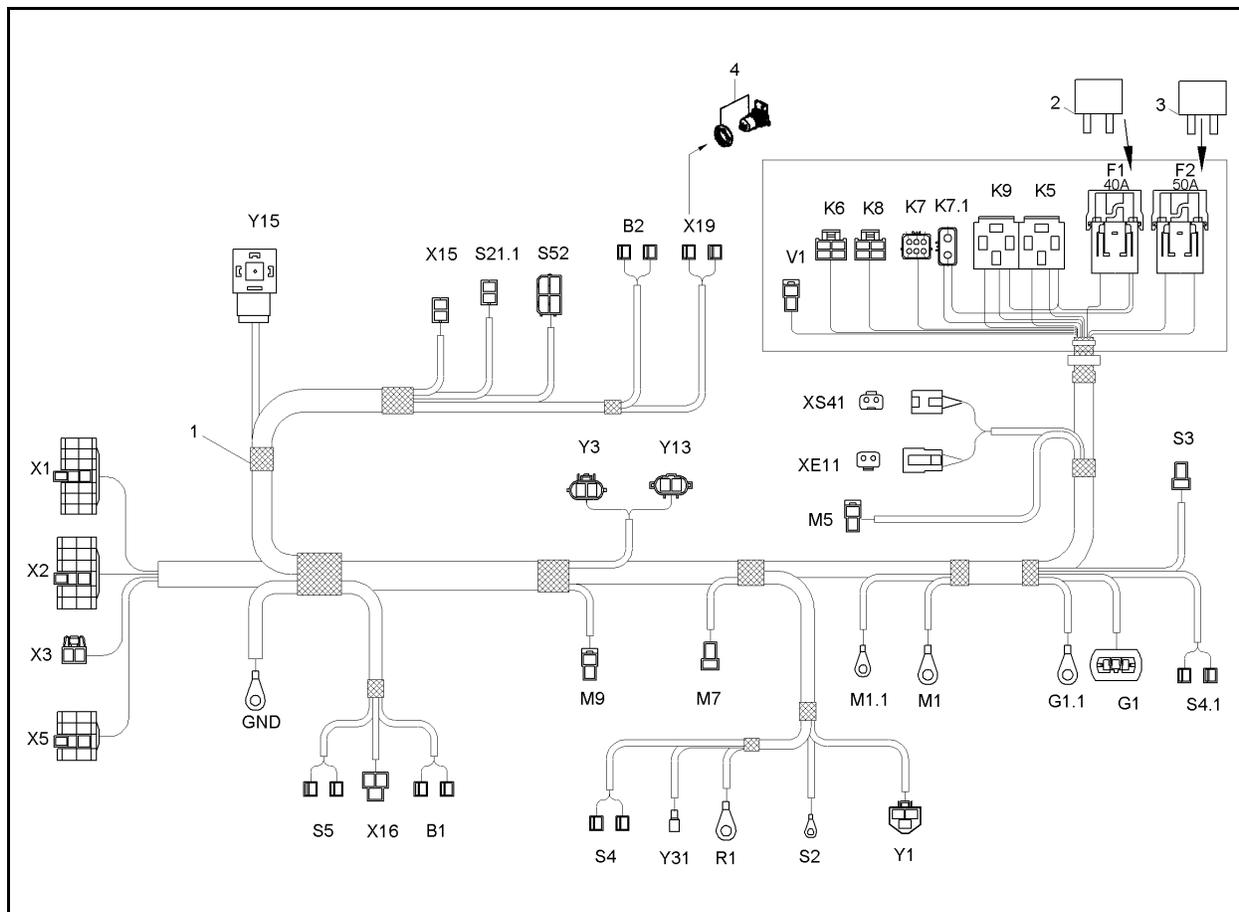
## 1000180586 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203410	ENGINE WIRE HARNESS	1	3	161998	FUSE 50 A	1
2	162838	FUSE 40 A	1	4	161374	FUSE 10 A	1

# 603 - WIRE HARNESS, CHASSIS & ENGINE

## 1000158042 - (SN AC04795 - AD07207)

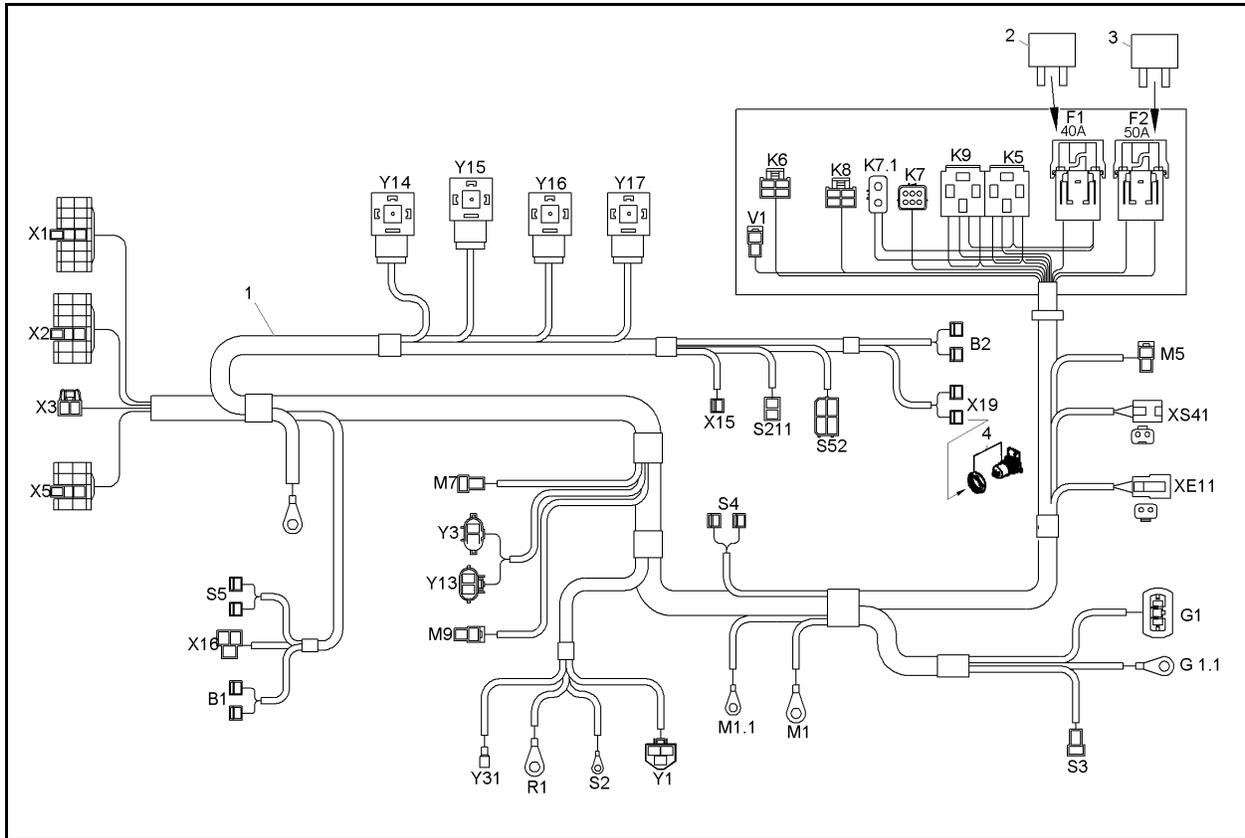


Ref. No.	Part No.	Description	Qty.
1	205544	WIRE HARNESS/ CHASSIS & ENGINE	1
2	162838	FUSE 40 A	1

Ref. No.	Part No.	Description	Qty.
3	161998	FUSE 50 A	1
4	161732	SOCKET	1

# 603 - WIRE HARNESS, CHASSIS & ENGINE

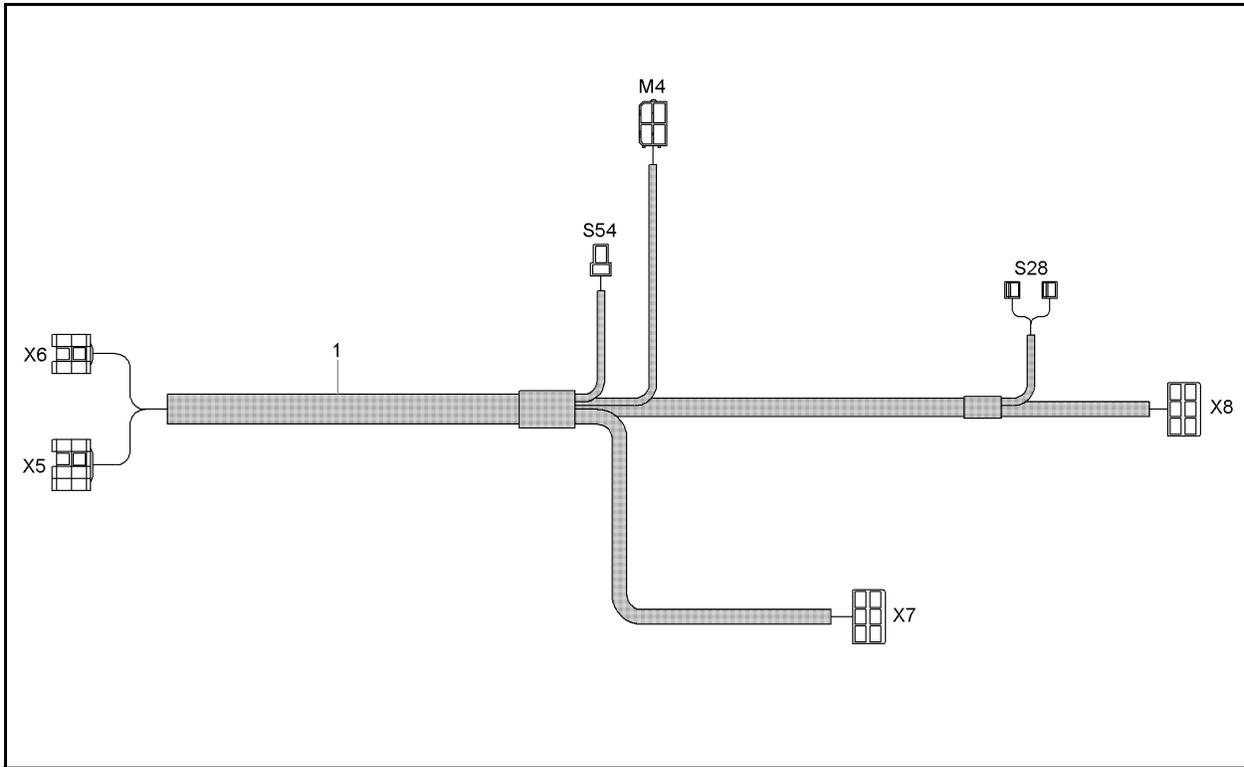
## 1000124112 - (SN AC02513 - AC04794)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177809	WIRE HARNESS/CHASSIS & ENGINE	1	3	161998	FUSE 50 A	1
2	162838	FUSE 40 A	1	4	161732	SOCKET	1

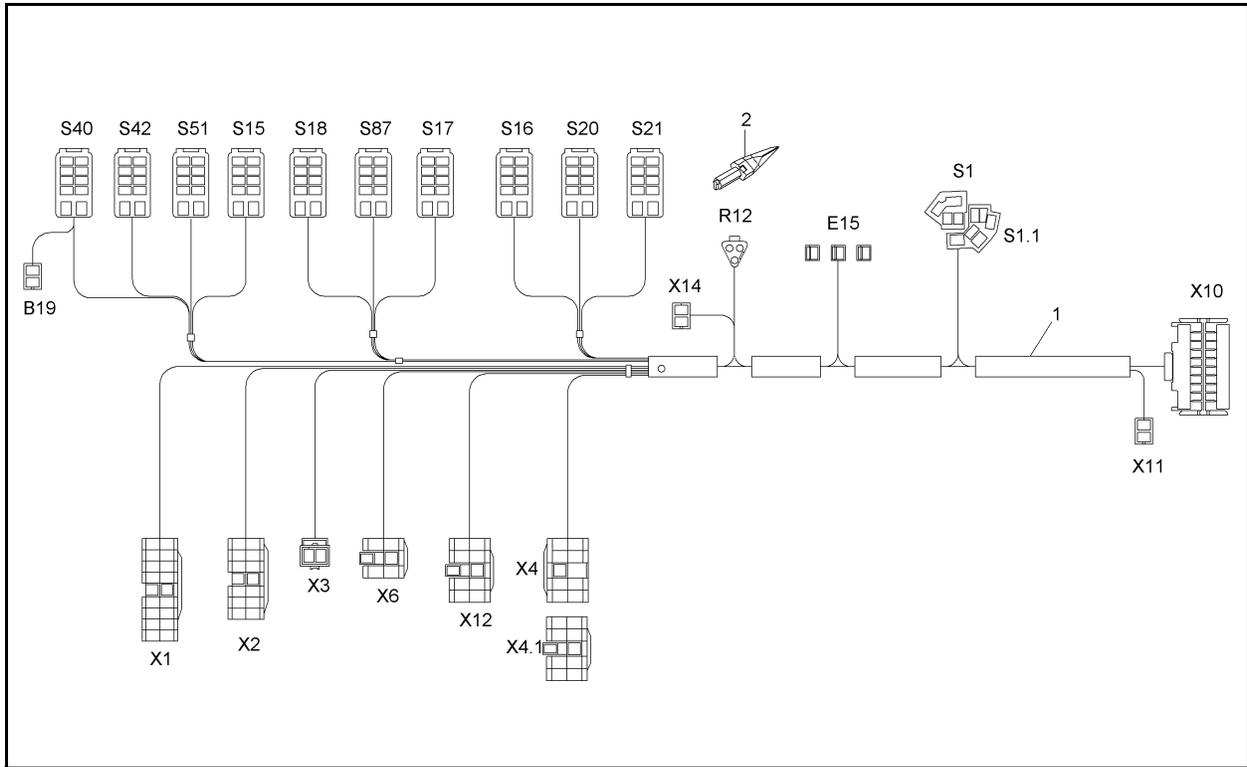
# 603 - WIRE HARNESS, ARMREST

1000124101



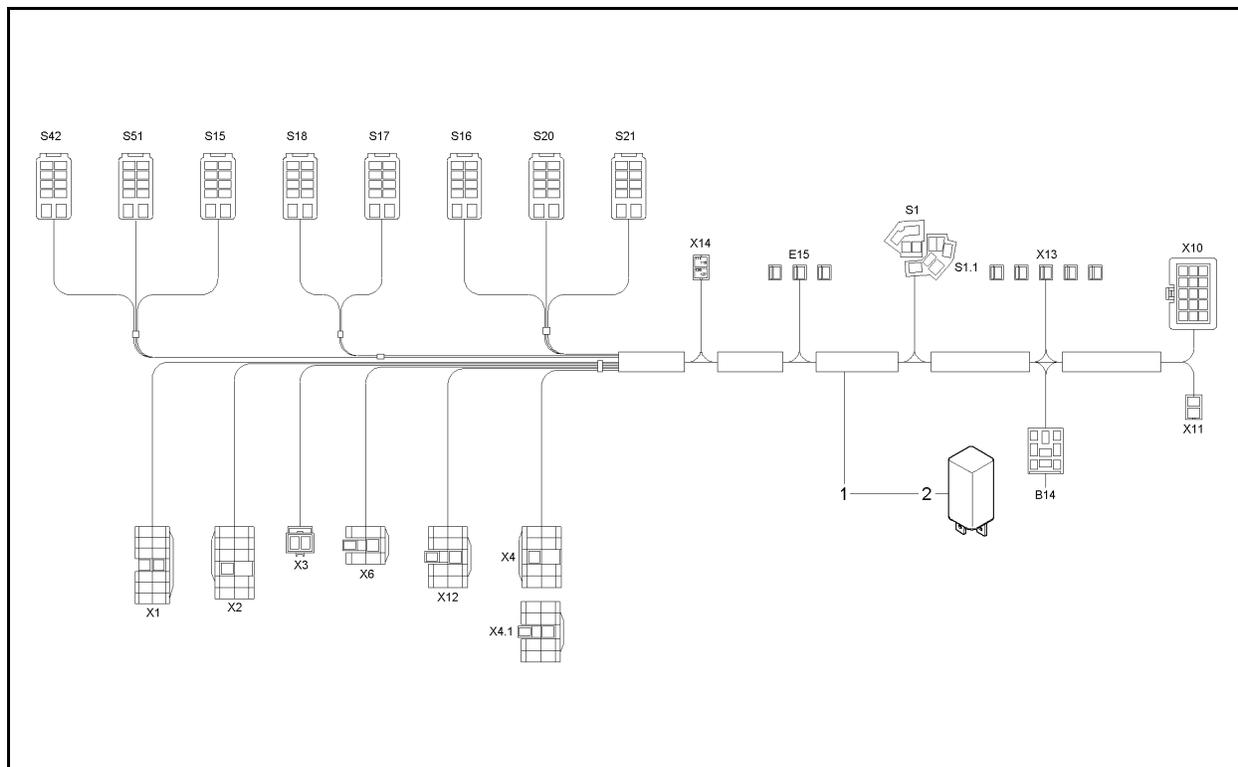
Ref. No.	Part No.	Description	Qty.
1	177810	ARMREST WIRE HARNESS	1

**603 - WIRE HARNESS, SWITCH**  
**1000180590 - (SN AH00645 AND UP)**



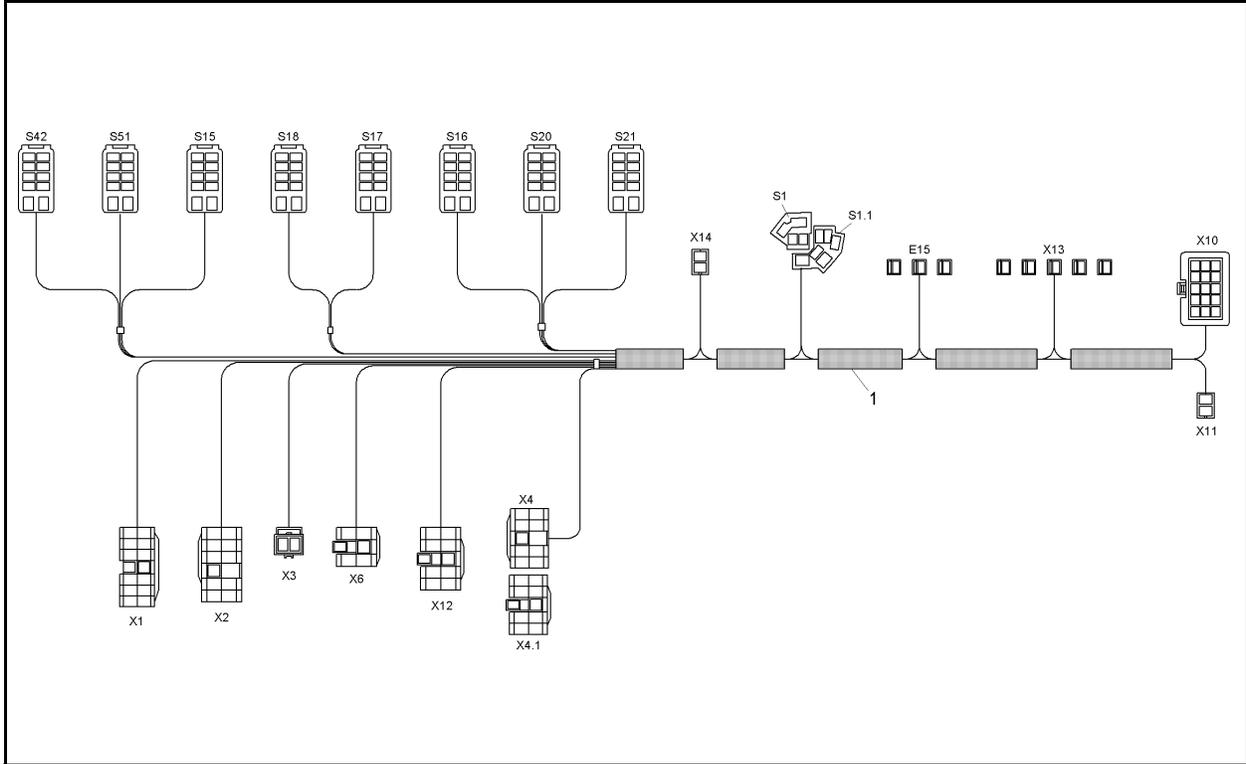
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203413	SWITCH WIRE HARNESS	1	2	0003337166	KEY	1

**603 - WIRE HARNESS, SWITCH**  
**1000129544 - (SN AC02890 - AD07207)**



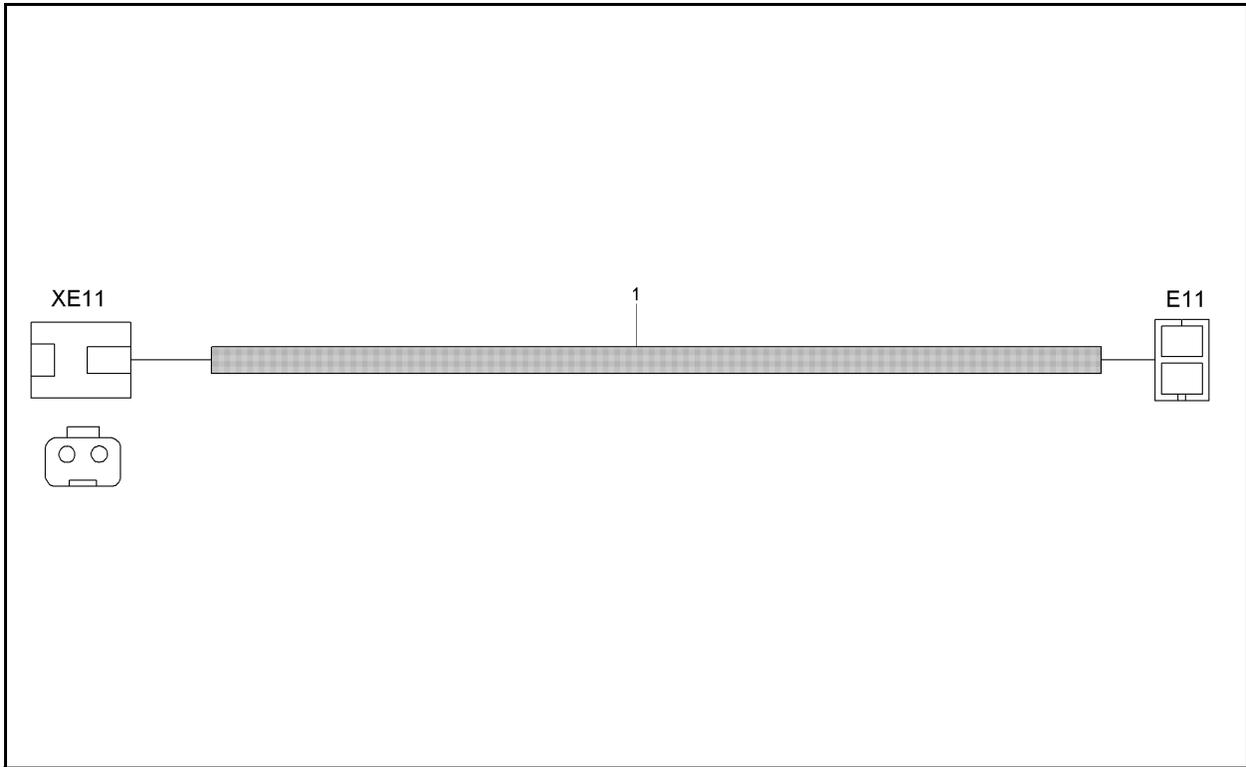
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205545	SWITCH WIRE HARNESS	1	2	207057	SIGNAL	1

**603 - WIRE HARNESS, SWITCH**  
**1000124173 - (SN AC02513 - AC02889)**



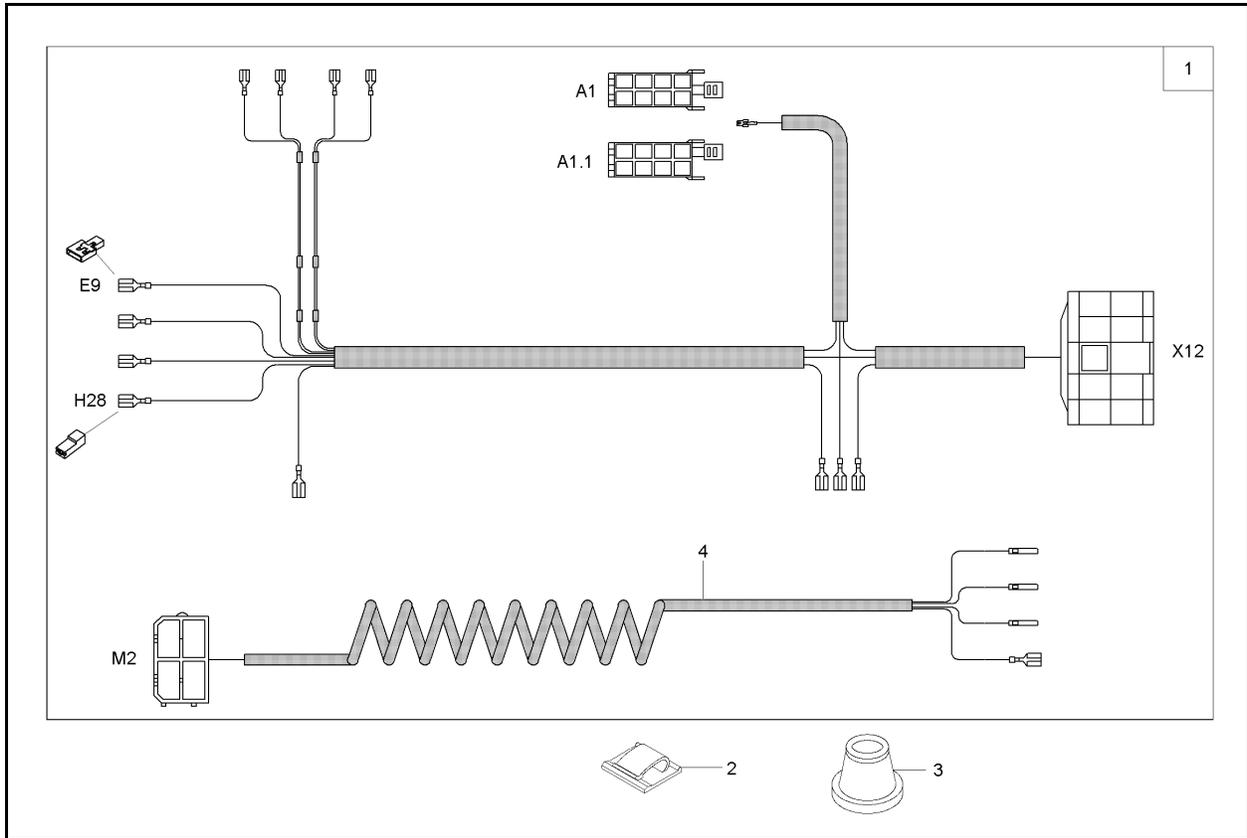
Ref. No.	Part No.	Description	Qty.
1	177812	SWITCH WIRE HARNESS	1

603 - WIRE HARNESS, LIGHTING  
1000124093



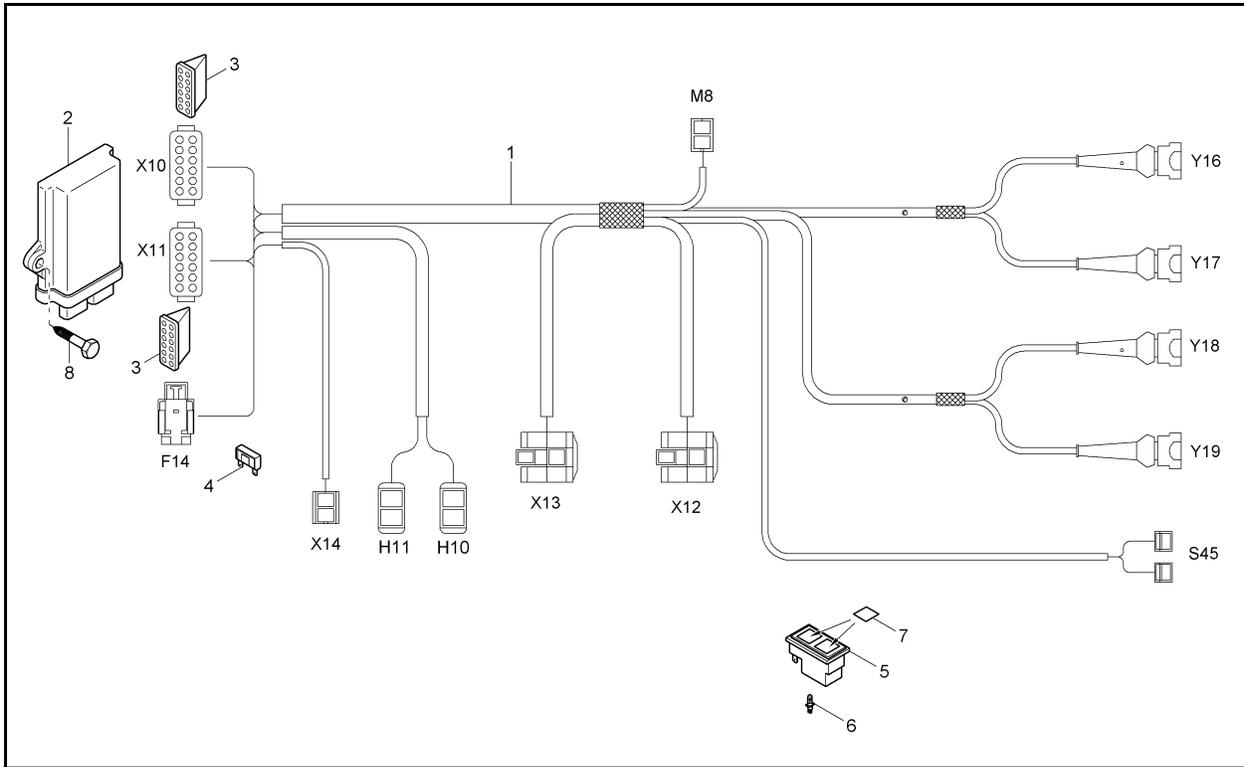
Ref. No.	Part No.	Description	Qty.
1	177927	LIGHTING WIRE HARNESS	1

**603 - WIRE HARNESS, CAB**  
**1000124076**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178046	CAB ROOF WIRE HARNESS	1	3	178048	CABLE SLEEVE	2
2	178047	CABLE CLIP	5	4	205363	WINDSHIELD HARNESS	1

**603 - WIRE HARNESS, PROPORTIONAL CONTROL (OPTION)**  
**1000158434 - (SN AD04666 AND UP)**

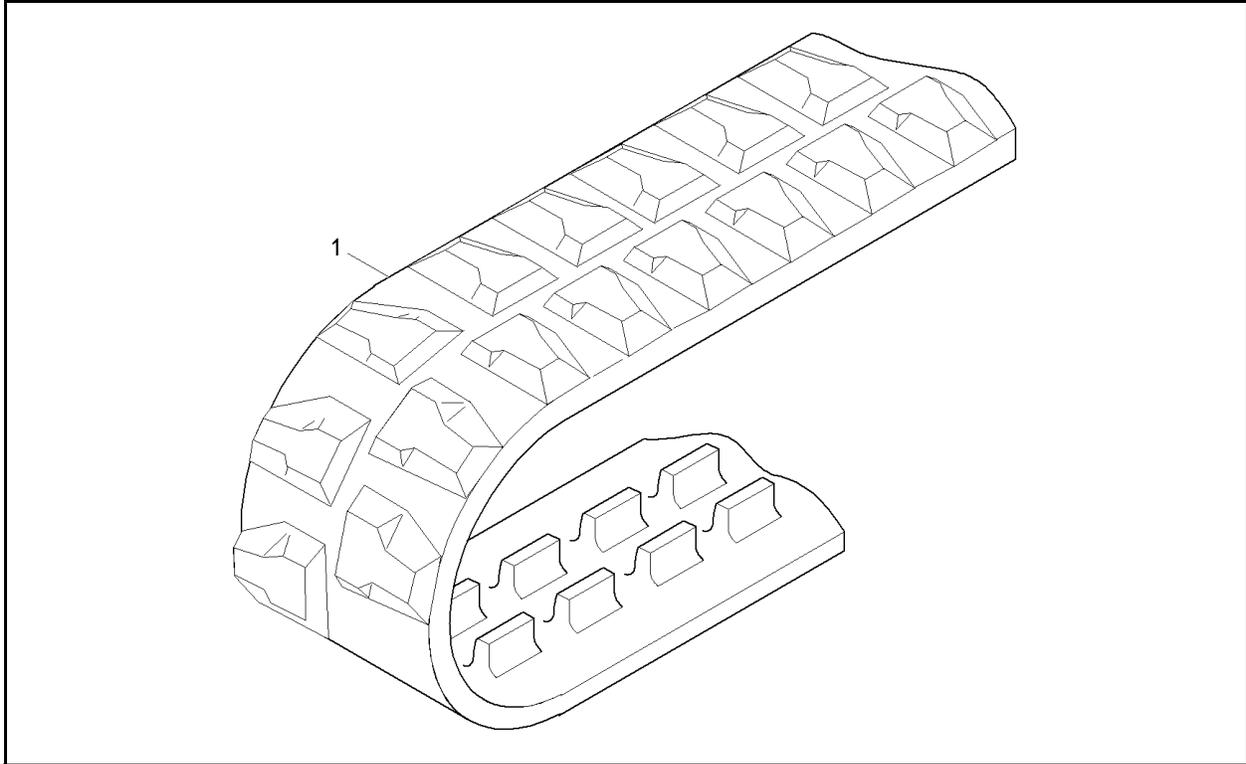


Ref. No.	Part No.	Description	Qty.
1	205169	PROPORTIONAL CONTROL WIRE HARNESS	1
2	205170	PROPORTIONAL (ECU)	1
3	201679	PIN HOUSING	2
4	7733661603	FLAT FUSE 5 A	1

Ref. No.	Part No.	Description	Qty.
5	0003325912	INDICATOR	1
6	177646	BULB	2
7	205671	SYMBOL/RED	2
8	204966	HEX SCREW	2

# 603 - RUBBER TRACK

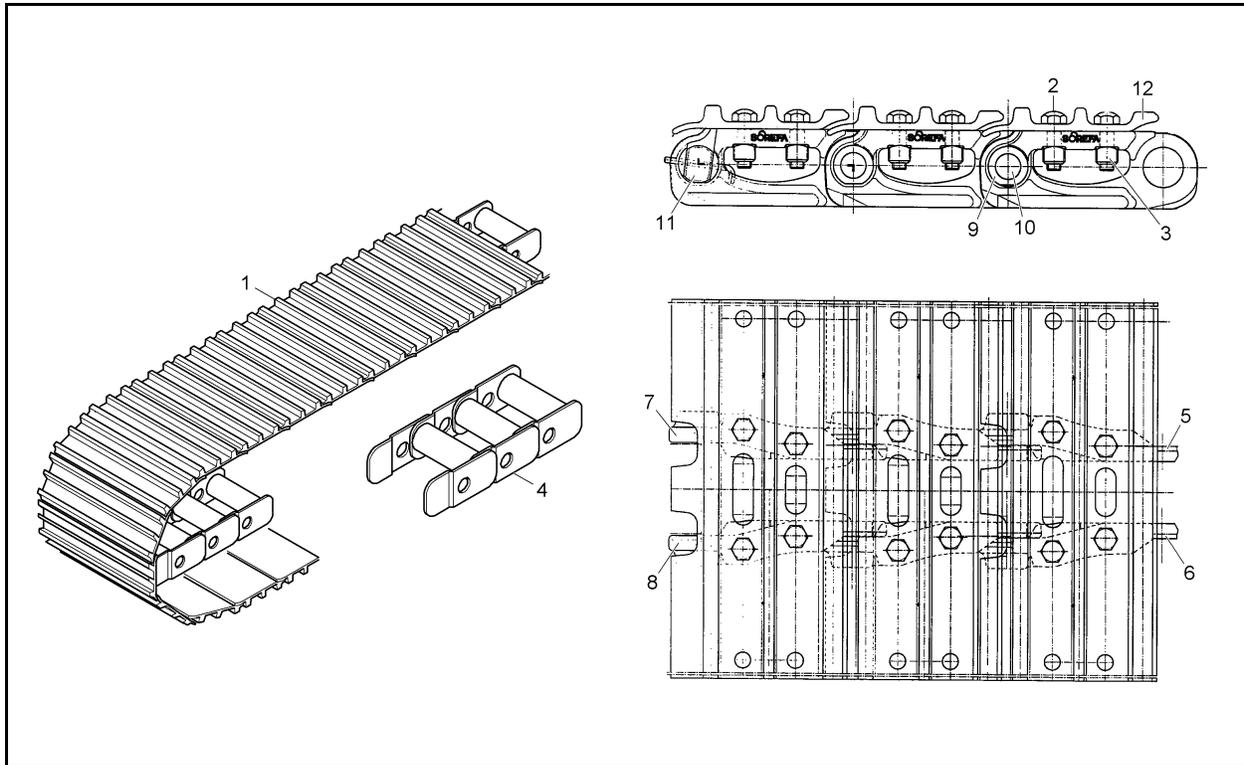
1000126184



Ref. No.	Part No.	Description	Qty.
1	204986	RUBBER TRACK	2

# 603 - STEEL TRACK (OPTION)

1000182337



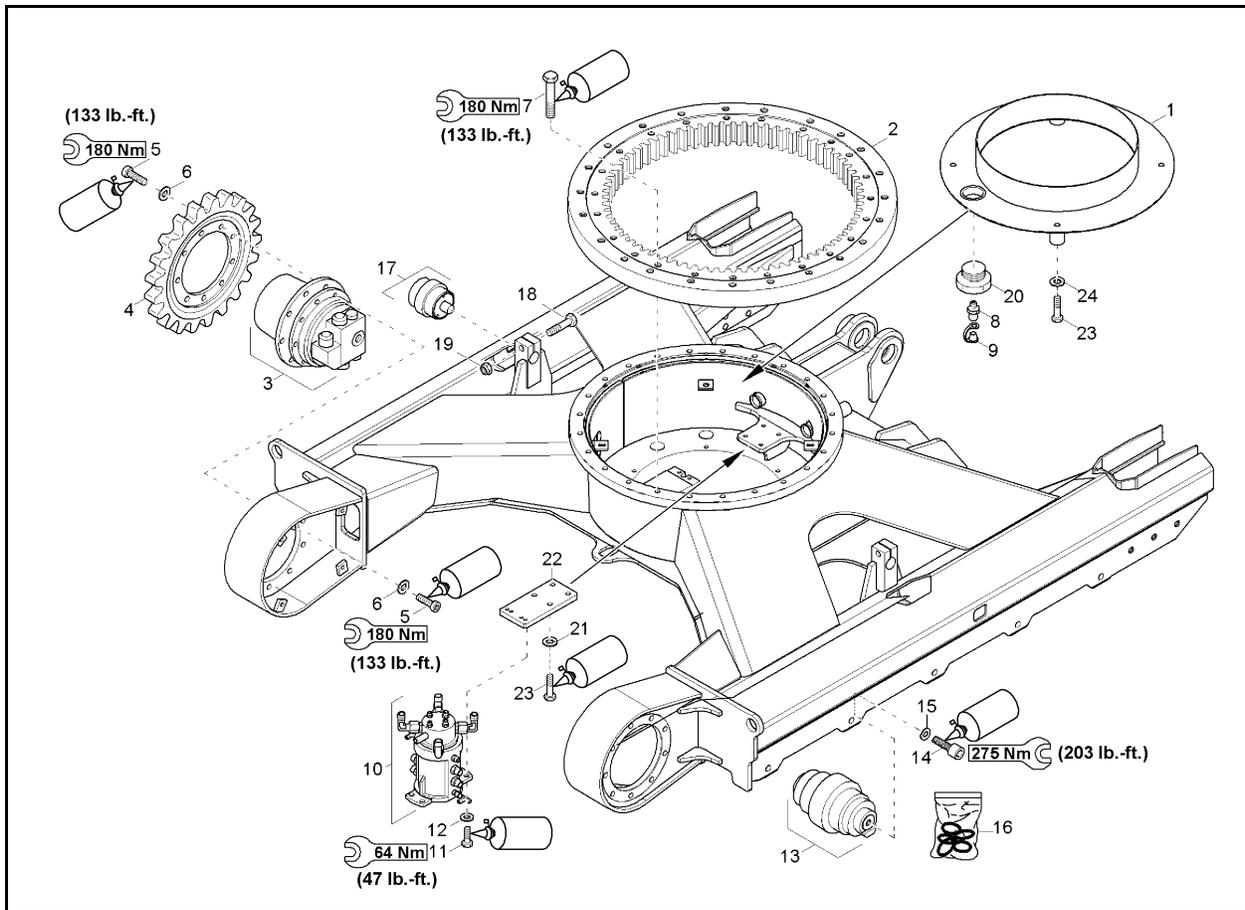
Ref. No.	Part No.	Description	Qty.
1	177747	STEEL TRACK	2
2	178014	SCREW	156*
3	178015	NUT	156*
4	178016	STEEL CHAIN	2
5	178017	TRACK LINK RT	76*
6	178018	TRACK LINK LT	76*
7	178019	MASTER LINK RT	2*

Ref. No.	Part No.	Description	Qty.
8	178020	MASTER LINK LT	2*
9	178021	BUSHING	78*
10	178022	PIN	76*
11	178023	MASTER PIN	2*
12	178024	FLOOR PLATE	78*

\* Quantities indicated are total for one complete track, including chain link components.

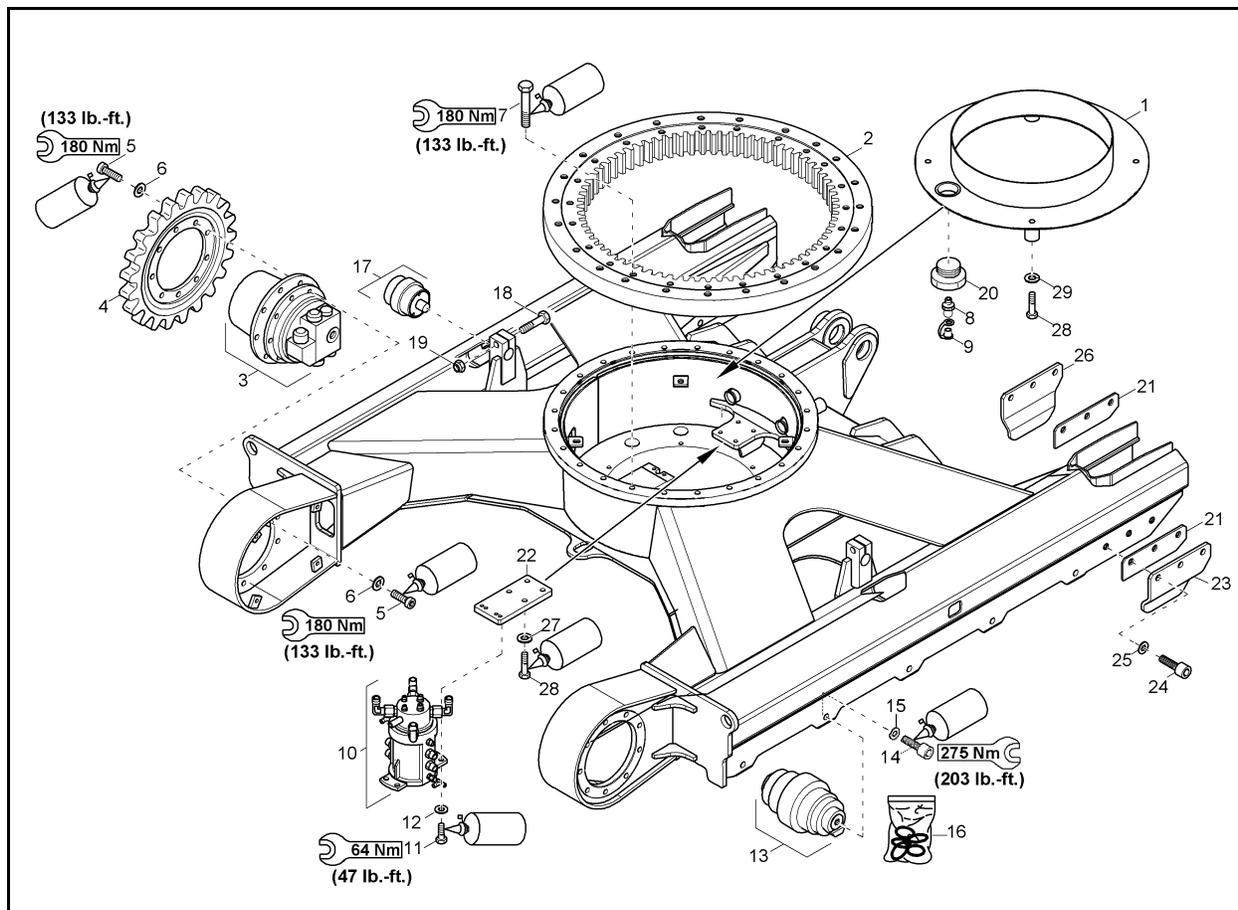
# 603 - UNDERCARRIAGE, RUBBER TRACK

1000126278



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179302	BRACKET	1	13	179166	BOTTOM ROLLER	10
2	162615	TURNTABLE	1	14	179776	SCREW	20
3	177709	DRIVE UNIT COMPLETE (See page 60 for individual components)	2	15	161637	WASHER/NORD-LOCK NL 16	20
4	160978	SPROCKET	2	16	179168	SEAL KIT/BOTTOM ROLLER	10
5	651490	SHCS M14-1.5 X 40 F10.9 ZY DIN912	36	17	204104	TOP ROLLER	2
6	164920	LOCKWASHER	36	18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
7	651418	HB M16-2X90 C10.9 ZY	24	19	651451	HLN INS M16-2.0 ZO	2
8	161412	GREASE ZERK-9MM HEX HEAD	1	20	161417	PLUG	1
9	161416	CAP	1	21	177454	SPACER	4
10	179138	SWIVEL JOINT (See page 72 for individual components)	1	22	179306	ADAPTER PLATE	1
11	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	4	23	651405	CS M12-1.75 X 30 C10.9 ZY DIN931	8
12	163641	WASHER	4	24	161636	WASHER/NORD-LOCK NL 12	4

# 603 - UNDERCARRIAGE, STEEL TRACK (OPTION) 1000182335 - (SN AD04916 AND UP)

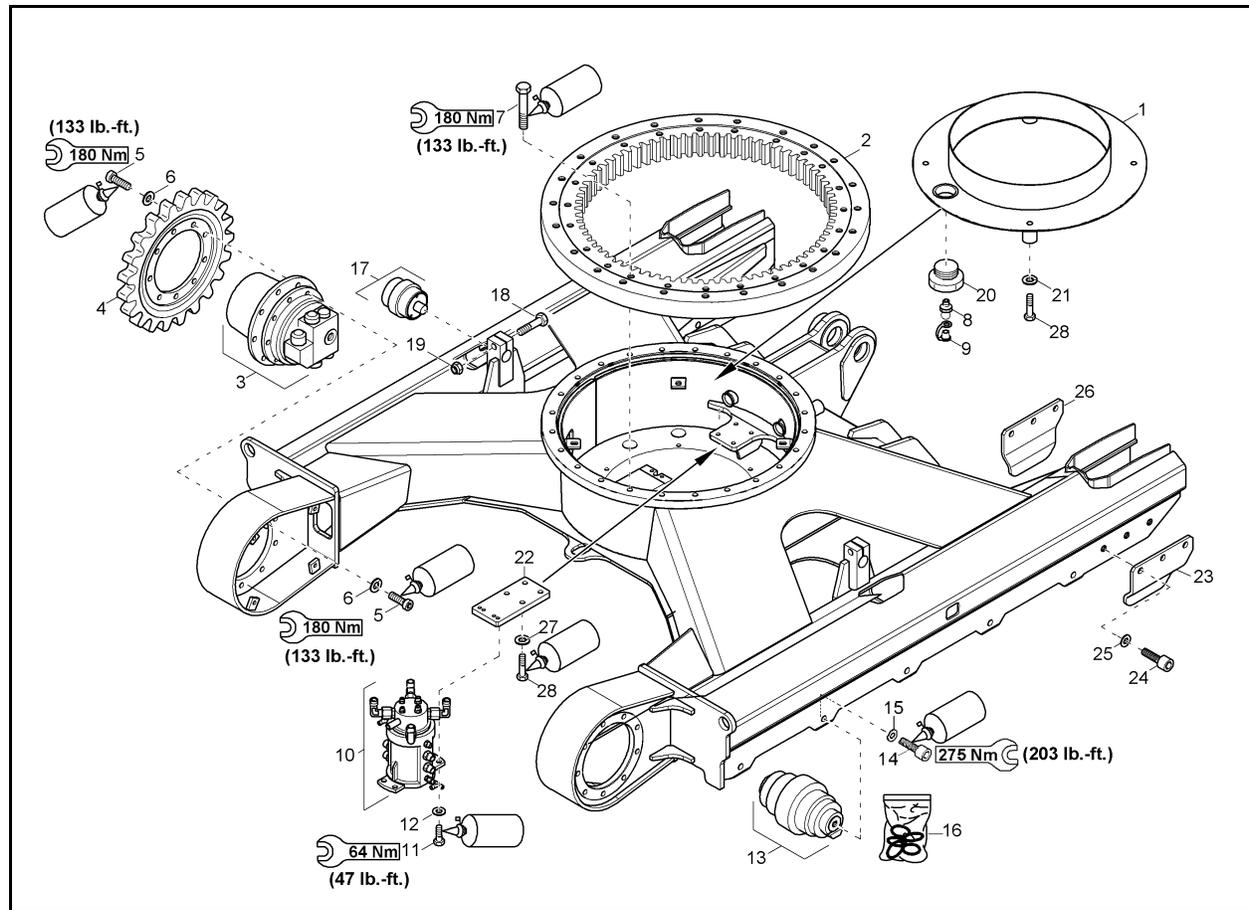


Ref. No.	Part No.	Description	Qty.
1	179302	BRACKET	1
2	162615	TURNTABLE	1
3	177709	DRIVE UNIT COMPLETE (See page 60 for individual components)	2
4	160978	SPROCKET	2
5	651490	SHCS M14-1.5 X 40 F10.9 ZY DIN912	36
6	164920	LOCKWASHER	36
7	651418	HB M16-2 X 90 C10.9 ZY	24
8	161412	GREASE ZERK-9MM HEX HEAD	1
9	161416	CAP	1
10	179138	SWIVEL JOINT (See page 72 for individual components)	1
11	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	4
12	163641	WASHER	4
13	179166	BOTTOM ROLLER	10
14	179776	SCREW	20

Ref. No.	Part No.	Description	Qty.
15	161637	WASHER/NORD-LOCK NL 16	20
16	179168	SEAL KIT/BOTTOM ROLLER	10
17	204104	TOP ROLLER	2
18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
19	651451	HLN INS M16-2.0 ZO	2
20	161417	PLUG	1
21	205548	PLATE	4
22	179306	ADAPTER PLATE	1
23	177727	TRACK GUARD	2
24	651496	SHCS M16-1.5 X 45 F10.9 ZY DIN912	12
25	163645	WASHER	12
26	177728	TRACK GUARD	2
27	177454	SPACER	4
28	651405	CS M12-1.75 X 30 C10.9 ZY DIN931	8
29	161636	WASHER/NORD-LOCK NL 12	4

# 603 - UNDERCARRIAGE, STEEL TRACK (OPTION)

1000126279 - (SN AC02513 - AD04915)

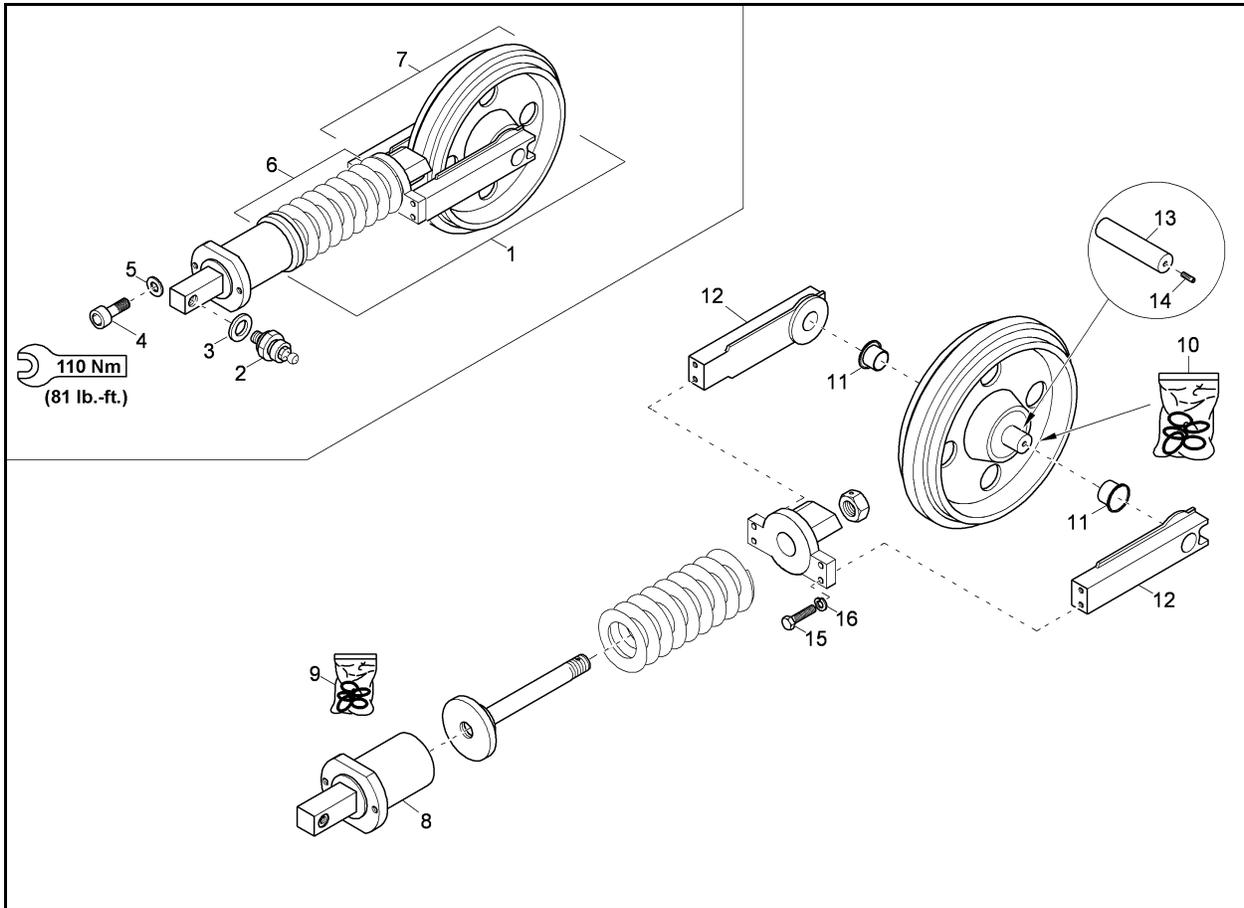


Ref. No.	Part No.	Description	Qty.
1	179302	BRACKET	1
2	162615	TURNTABLE	1
3	177709	DRIVE UNIT COMPLETE (See page 60 for individual components)	2
4	160978	SPROCKET	2
5	651490	SHCS M14-1.5 X 40 F10.9 ZY DIN912	36
6	164920	LOCKWASHER	36
7	651418	HB M16-2 X 90 C10.9 ZY	24
8	161412	GREASE ZERK-9MM HEX HEAD	1
9	161416	CAP	1
10	179138	SWIVEL JOINT (See page 72 for individual components)	1
11	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	4
12	163641	WASHER	4
13	179166	BOTTOM ROLLER	10
14	179776	SCREW	20

Ref. No.	Part No.	Description	Qty.
15	161637	WASHER/NORD-LOCK NL 16	20
16	179168	SEAL KIT/BOTTOM ROLLER	10
17	204104	TOP ROLLER	2
18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
19	651451	HLN INS M16-2.0 ZO	2
20	161417	PLUG	1
21	161636	WASHER/NORD-LOCK NL 12	4
22	179306	ADAPTER PLATE	1
23	177727	TRACK GUARD	2
24	651495	SHCS M16-1.5 X 40 F10.9 ZY DIN912	12
25	163645	WASHER	12
26	177728	TRACK GUARD	2
27	177454	SPACER	4
28	651405	CS M12-1.75 X 30 C10.9 ZY DIN931	8

# 603 - TRACK TENSIONER, RUBBER TRACK

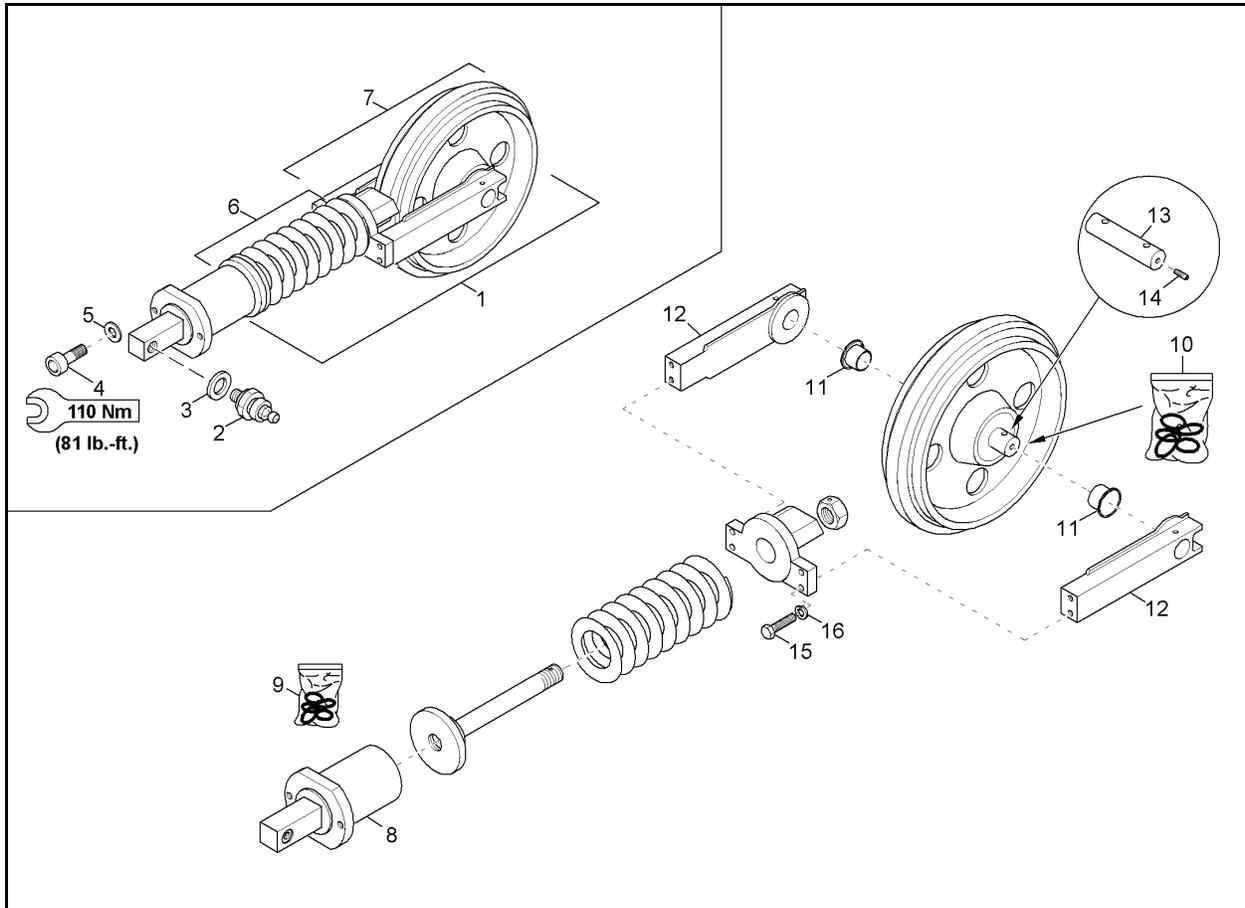
## 1000143817 - (SN AC03713 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206422	TRACK TENSIONER COMPLETE	2	9	160945	SEAL KIT/TENSION CYLINDER	2
2	203913	VALVE	2	10	160983	SEAL KIT/TENSION ROLLER	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.75 X 45 C10.9 ZY DIN912	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160981	SPRING	2	14	162750	PLUG	2
7	206423	TENSION ROLLER	2	15	177923	SCREW	8
8	204032	TENSION CYLINDER	2	16	162751	WASHER	8

# 603 - TRACK TENSIONER, RUBBER TRACK

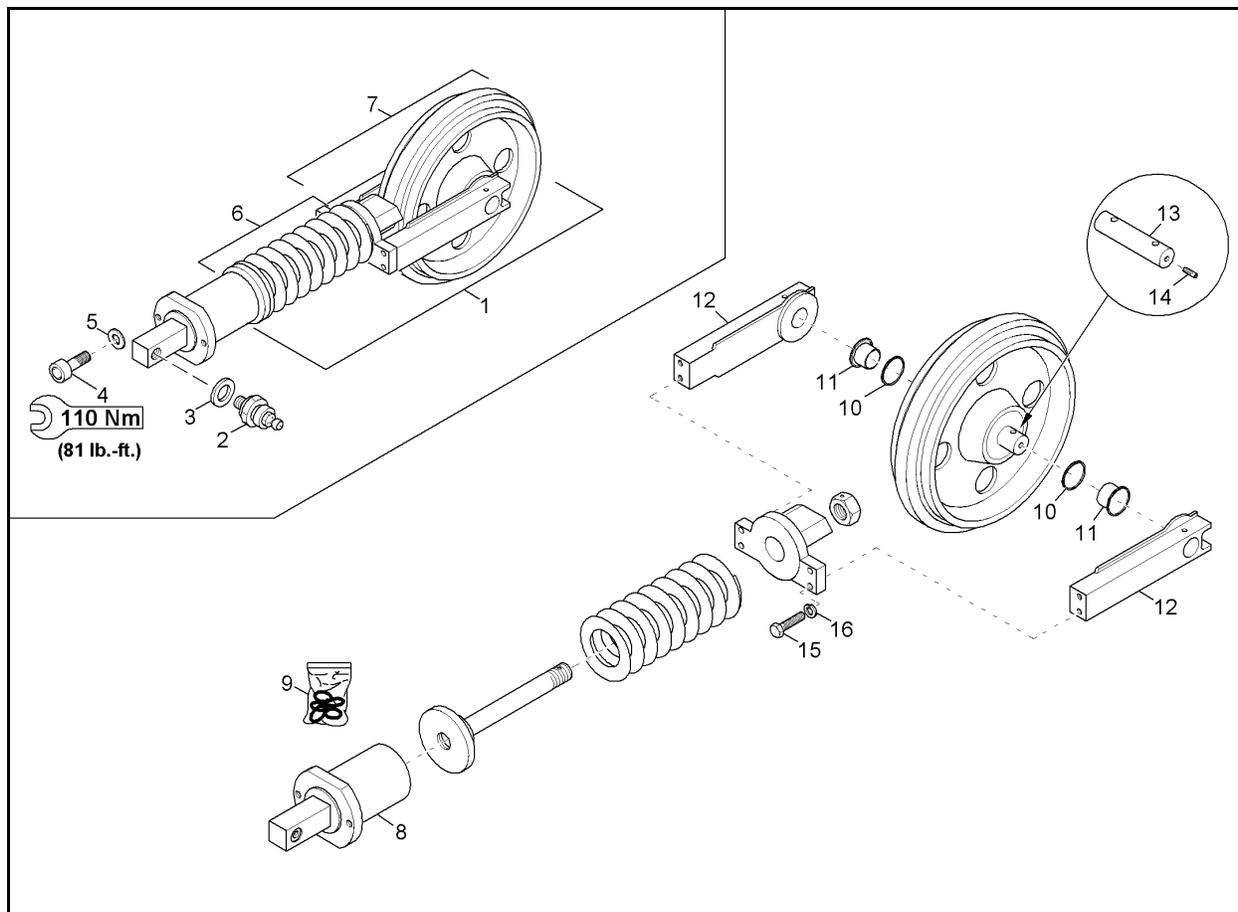
1000115753 - (SN AC02513 - AC03712)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160979	TRACK TENSIONER COMPLETE	2	9	160945	SEAL KIT/TENSION CYLINDER	2
2	203913	VALVE	2	10	160983	SEAL KIT/TENSION ROLLER	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.75 X 45 C10.9 ZY DIN912	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160981	SPRING	2	14	162750	PLUG	2
7	204280	TRACK TENSION WHEEL	2	15	177923	SCREW	8
8	204032	TENSION CYLINDER	2	16	162751	WASHER	8

# 603 - TRACK TENSIONER, STEEL TRACK (OPTION)

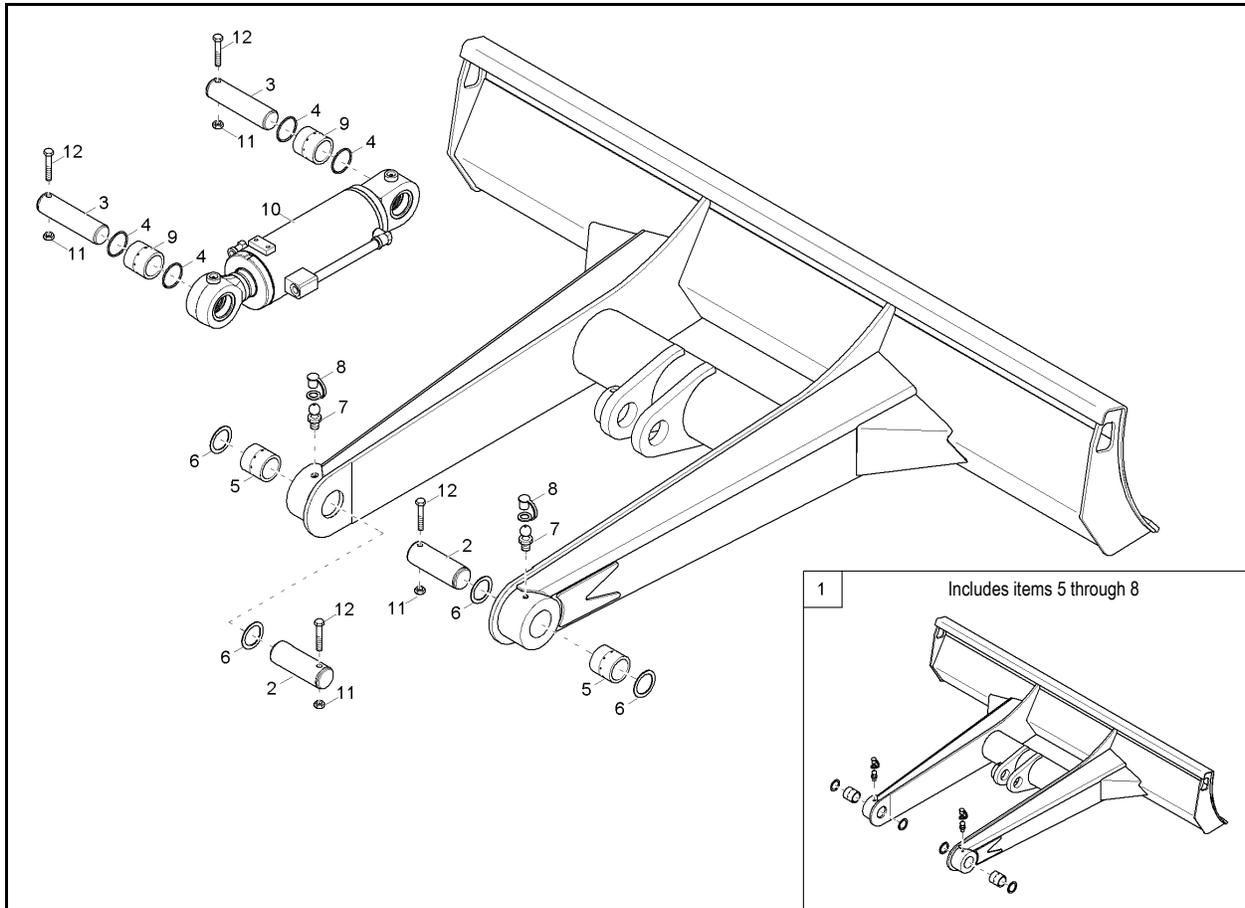
1000115754



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179174	TRACK TENSIONER COMPLETE	2	9	160945	SEAL KIT/TENSION CYLINDER	2
2	203913	VALVE	2	10	160983	SEAL KIT/TENSION ROLLER	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.75 X 45 C10.9 ZY DIN912	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160416	SPRING	2	14	162750	PLUG	2
7	179173	TENSION ROLLER	2	15	177924	SCREW	8
8	204032	TENSION CYLINDER	2	16	162751	WASHER	8

# 603 - DOZER BLADE

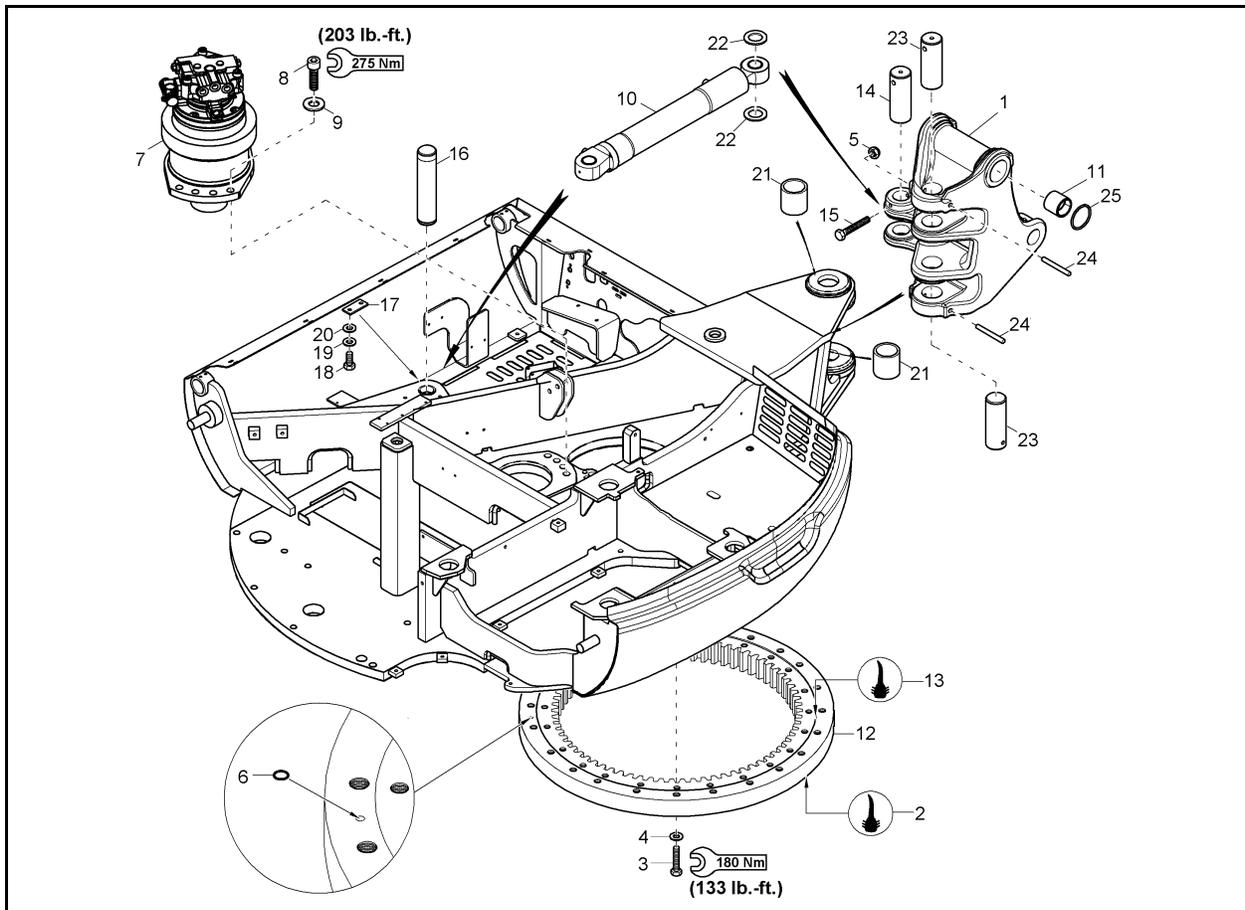
## 1000126280



Ref. No.	Part No.	Description	Qty.
1	177619	PRE-ASSEMBLED DOZER BLADE	1
2	161191	PIN	2
3	161189	PIN	2
4	161589	PIN SEAL	4
5	161521	BUSHING	2
6	161581	SEAL	4

Ref. No.	Part No.	Description	Qty.
7	161412	GREASE ZERK-9MM HEX HEAD	2
8	161422	CAP	2
9	161526	BUSHING	2
10	204034	DOZER BLADE CYLINDER	1
11	179793	NUT	4
12	651477	SHCS M12-1.75 X 110 C10.9 ZY DIN912	4

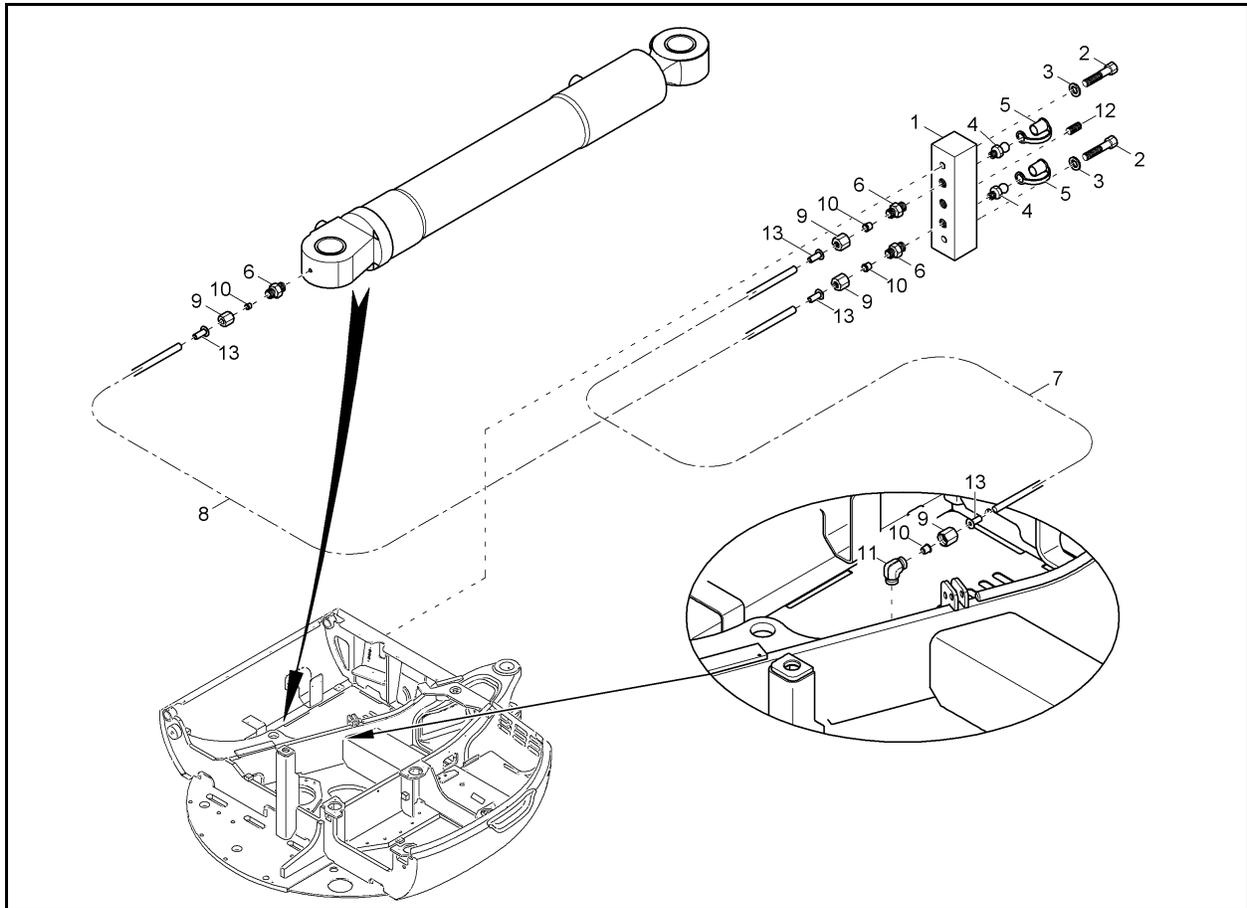
**603 - CHASSIS**  
**1000126281 & 1000180689**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177509	SWIVEL CONSOLE (Includes 11 and 25)	1	14	177905	PIN	1
2	206811	SEAL (2.5M)	1	15	177447	HEX SCREW	1
3	651418	HB M16-2 X 90 C10.9 ZY	24	16	177767	PIN	1
4	163645	WASHER	24	17	177913	BRACKET/AXLE	1
5	651458	LN INS M8-1.25 C8 ZY DIN6924	1	18	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	2
6	161570	O-RING	1	19	161669	LOCKWASHER S10	2
7	177466	TURNTABLE DRIVE UNIT (See page 56 for individual components)	1	20	161642	WASHER/GR A 13	2
8	651497	SHCS M16-1.5 X 50 F10.9 ZY DIN912	8	21	177492	STEEL BUSHING	2
9	161637	WASHER/NORD-LOCK NL 16	8	22	206121	SHIM (0.5MM)	AR
10	204033	BOOM OFFSET CYLINDER (See page 101 for individual components)	1		206124	SHIM (1.0MM)	AR
11	161531	BUSHING	2		206119	SHIM (1.5MM)	AR
12	162615	TURNTABLE	1		206120	SHIM (2.0MM)	AR
13	206811	SEAL (2.5M)	1	23	177491	PIN	2
				24	177928	COTTER PIN	2
				25	162613	PIN SEAL	2

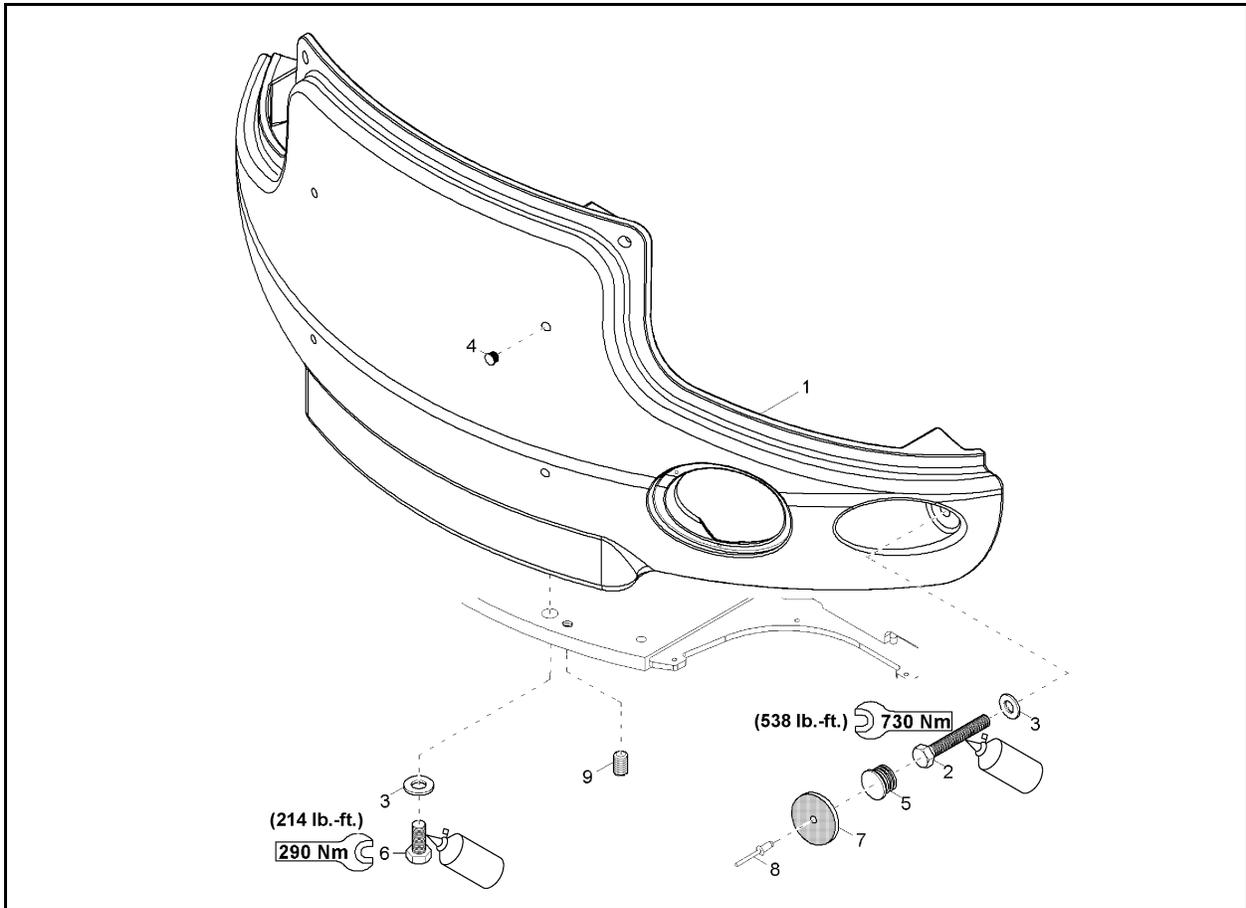
# 603 - CHASSIS LUBRICATION

1000115758 & 1000181360



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161722	LUBRICATION ZERK BLOCK	1	8	206824	LUBRICATION TUBE (1.2M)	1
2	656128	CS M6-1 X 30 C8.8 ZY DIN931	2	9	161468	NUT	4
3	161675	LOCKWASHER S6	2	10	161469	WASHER	4
4	161411	GREASE ZERK-7MM HEX HEAD	2	11	161457	ELBOW	1
5	161422	CAP	2	12	161401	SET SCREW	1
6	161461	SCREW JOINT	3	13	206094	PLUG SLEEVE (SN AC04159 and up)	4
7	205164	LUBRICATION TUBE (2.0M)	1				

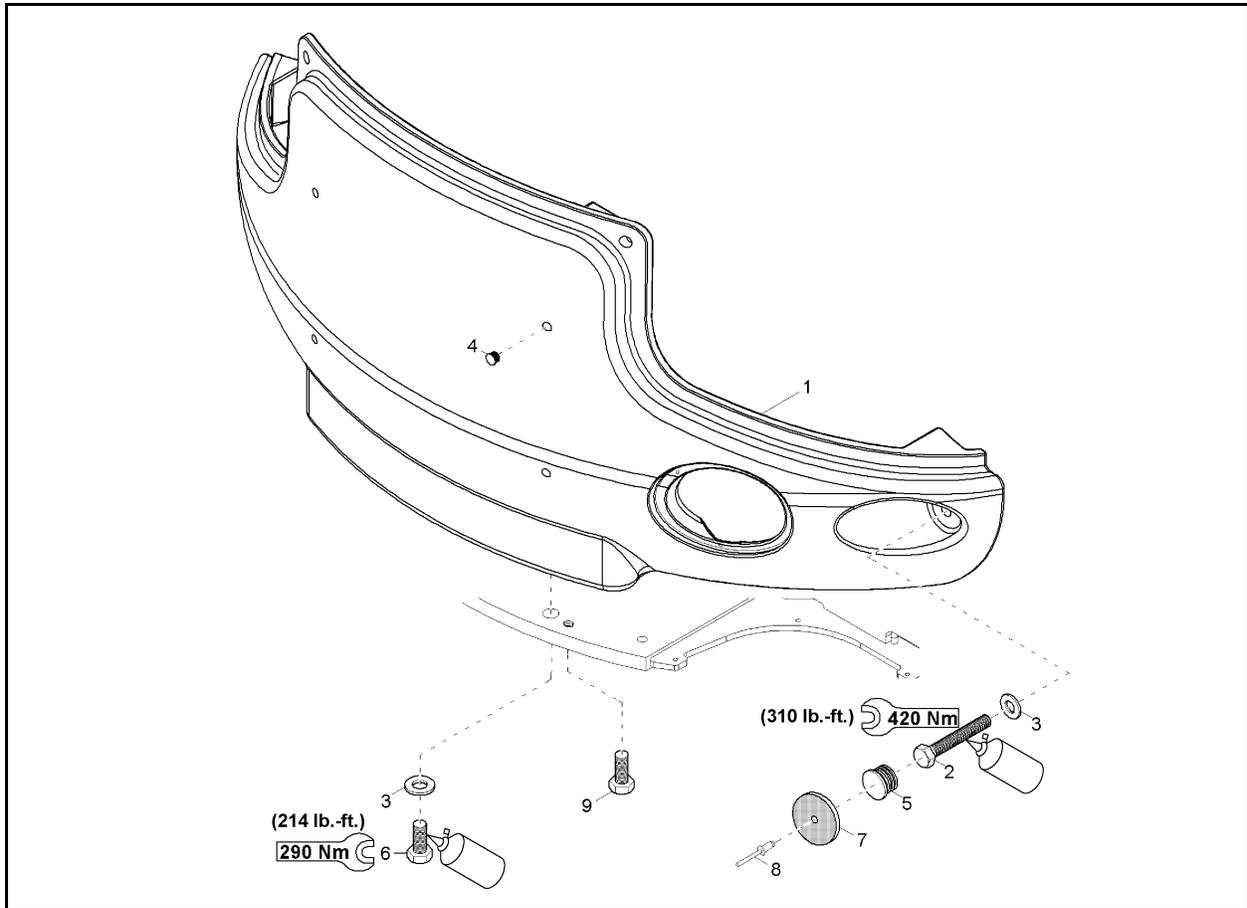
**603 - COUNTERWEIGHT**  
**1000161649 - (SN AD05367 AND UP)**



Ref. No.	Part No.	Description	Qty.
1	205090	COUNTERWEIGHT	1
2	205143	HEX SCREW	2
3	7469172005	WASHER	3
4	177660	PLUG	4
5	205144	COVER	2

Ref. No.	Part No.	Description	Qty.
6	205145	HEX SCREW	1
7	165222	REFLECTOR	2
8	161627	POP RIVET A4 X 12	2
9	205146	THREAD PIN	1

**603 - COUNTERWEIGHT**  
**1000115759 - (SN AC02513 - AD05366)**



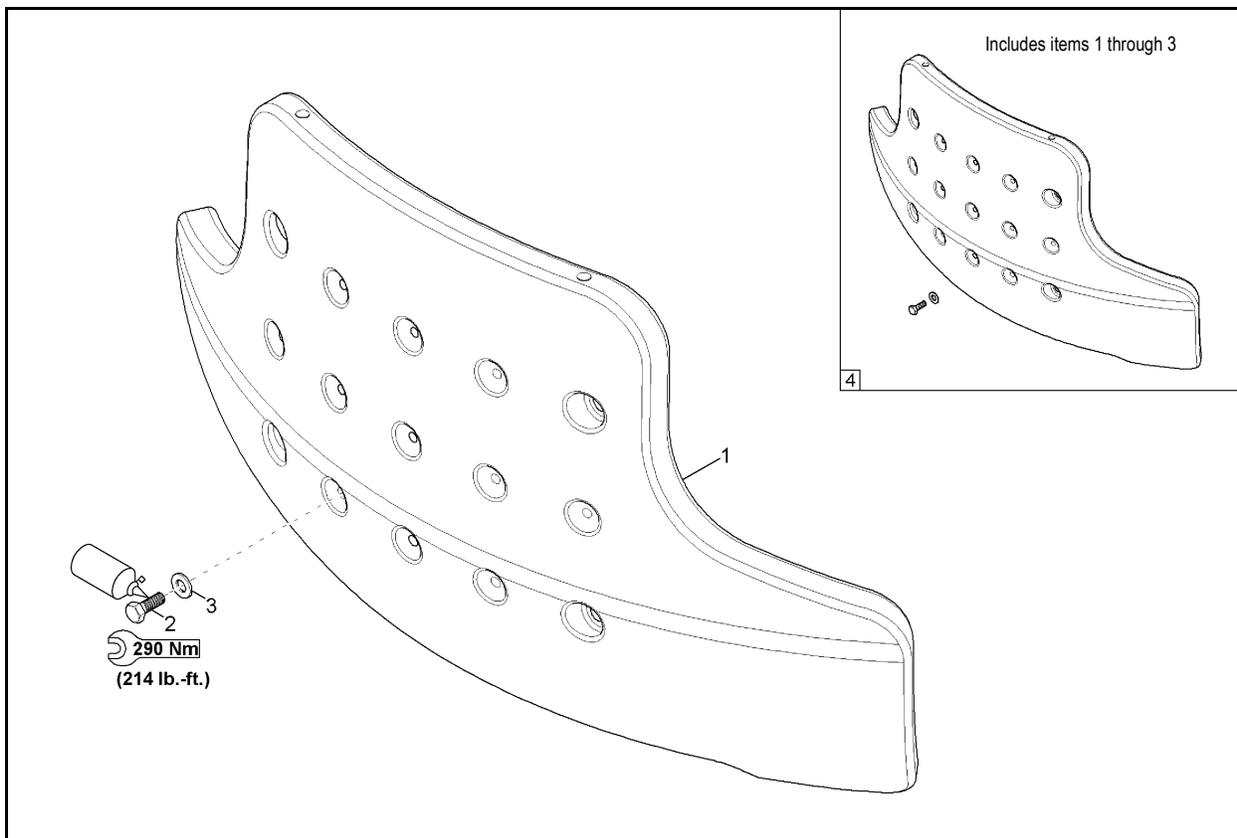
Ref. No.	Part No.	Description	Qty.
1	205089	KIT/ COUNTERWEIGHT REPLACEMENT*	1
2	177687	HEX SCREW	2
3	161653	WASHER/ROUND HI-TENS 21	3
4	177660	PLUG	4
5	177696	COVER	2

Ref. No.	Part No.	Description	Qty.
6	656040	CS M20-2.5 X 70 C8.8 ZY DIN931	1
7	165222	REFLECTOR	2
8	161627	POP RIVET A4 X 12	2
9	177657	HEX SCREW	1

\* Kit includes all parts required for installation.

# 603 - COUNTERWEIGHT, ADDITIONAL (OPTION)

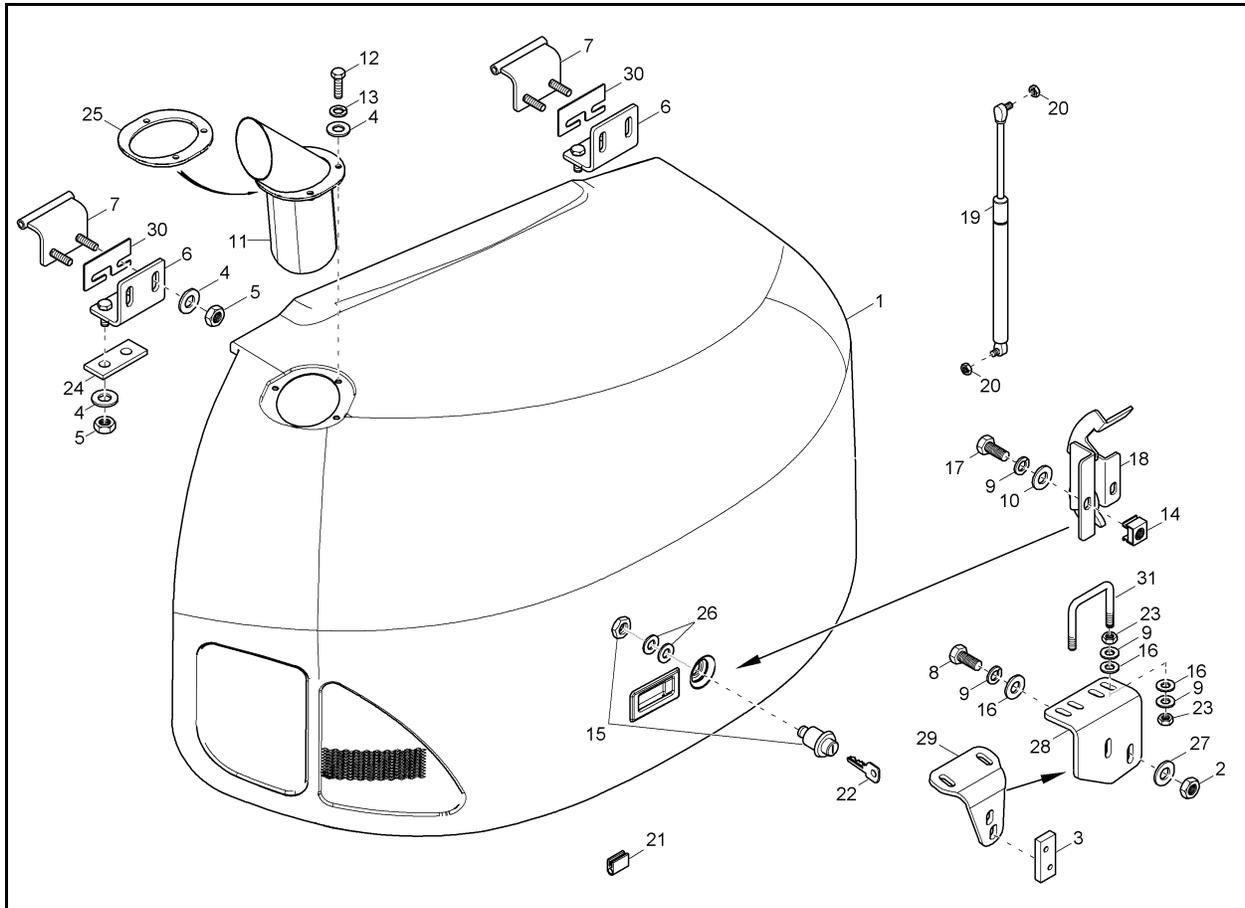
1000117216



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177713	COUNTERWEIGHT (660 LBS.)	1	3	161653	WASHER/ROUND HI-TENS 21	4
2	656040	CS M20-2.5 X 70 C8.8 ZY DIN931	4	4	809137	COUNTERWEIGHT COMPLETE	1

# 603 - ENGINE HOOD

## 1000180009 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.
1	202526	ENGINE HOOD	1
2	651448	LN INS M10-1.5 C8 ZY DIN6924 (SN AH00645 - AH00913)	2
3	162716	PLATE (SN AH00914 and up)	1
4	161640	WASHER/GR A 10.5	11
5	651448	LN INS M10-1.5 C8 ZY DIN6924	8
6	202527	BRACKET	2
7	202528	BRACKET	2
8	656094	CS M8-1.25 X 30 C8.8 ZY DIN931	2
9	163670	LOCKWASHER	8
10	163634	WASHER	2
11	205137	EXHAUST COVER	1
12	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	3
13	161669	LOCKWASHER S10	3
14	161615	NUT/CAGE M8	2
15	177678	LOCK W/O KEY	1
16	7462680011	WASHER/GR A 8.4	6
17	177648	HEX SCREW	2

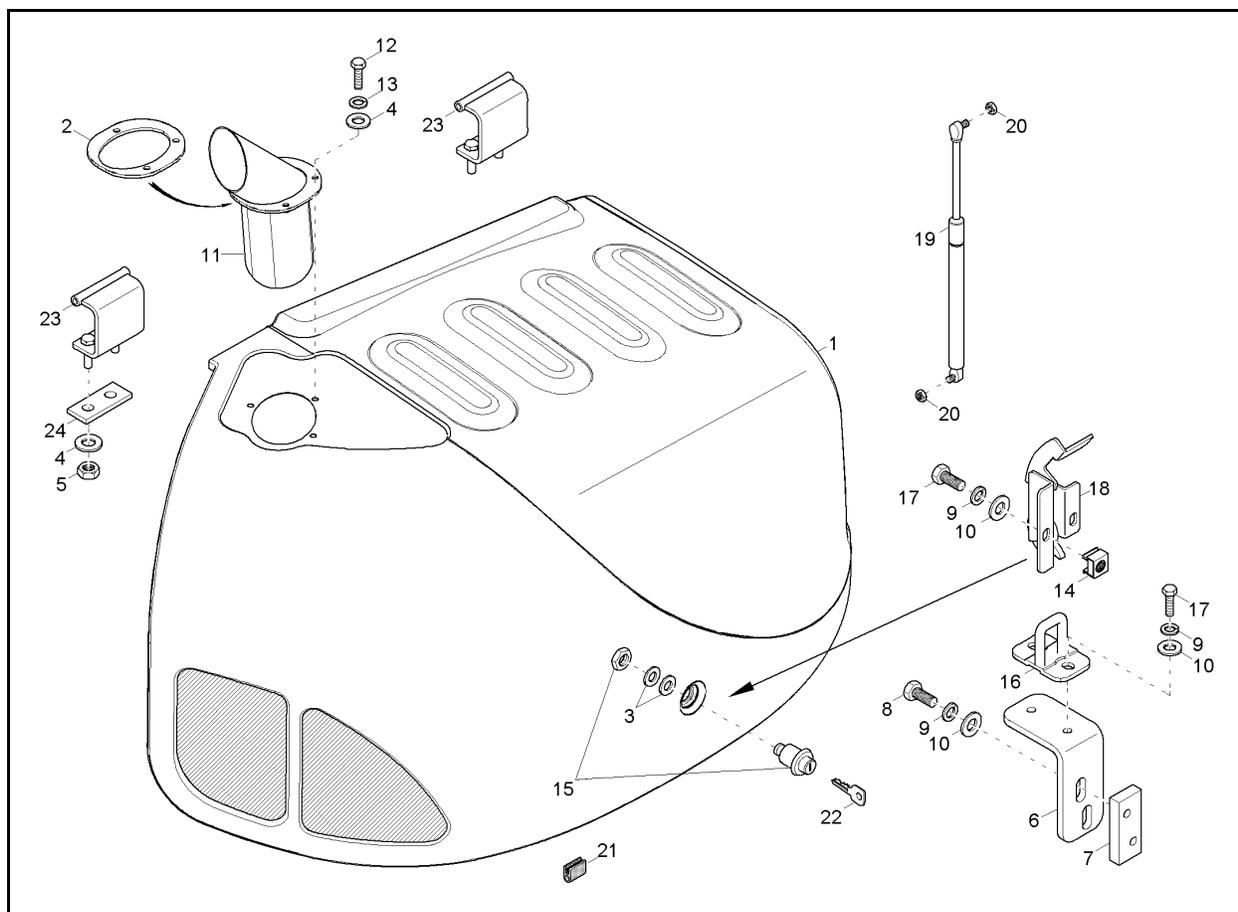
Ref. No.	Part No.	Description	Qty.
18	204993	HOOD LATCH	1
19	177044	GAS STRUT	1
20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
21	205400	RUBBER PROFILE (3.5M)	1
22	101792	KEY*	1
23	656048	HN M8-1.25 C8 ZY DIN934	4
24	177819	BRACKET	1
25	205526	ISOLATION MAT	1
26	206877	SPACER	2
27	163642	WASHER (SN AH00645 - AH00913)	2
28	**	BRACKET (SN AH00645 - AH00913)	1
29	203419	BRACKET (SN AH00914 and up)	1
30	177819	BRACKET	2
31	205777	U-BOLT	1

\* Same key(s) to start engine and operate all locks on unit.

\*\* For service use 203419 (Ref. No. 29 Bracket) to replace 202529 (Ref. No. 28 Bracket).

# 603 - ENGINE HOOD

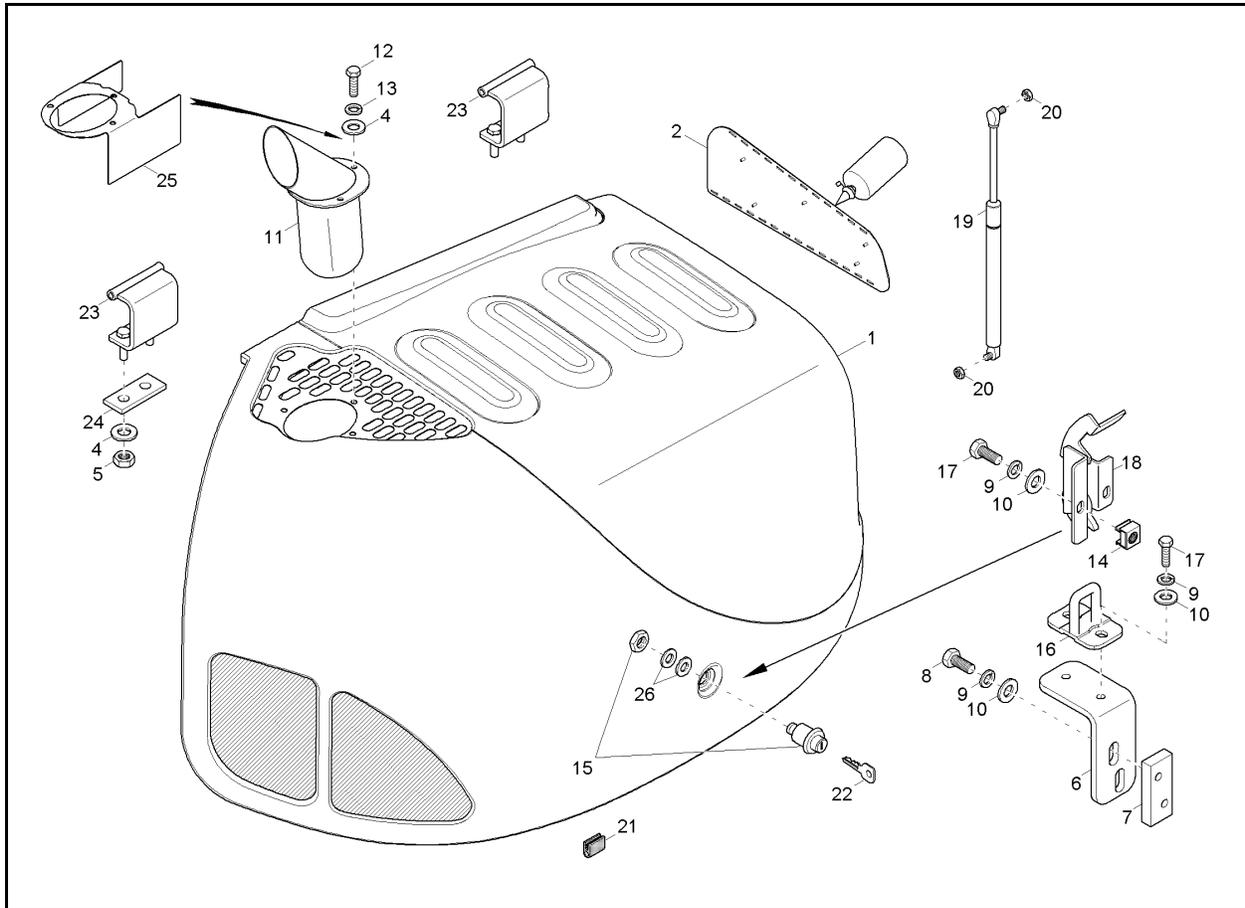
## 1000155826 - (SN AD04629 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	HOOD	1	14	161615	NUT/CAGE M8	2
2	205526	ISOLATION MAT (SN AC02513 - AC02780)	1	15	177678	LOCK W/O KEY	1
3	206877	SPACER	2	16	177677	LOCKING WEDGE	1
4	161640	WASHER/GR A 10.5	7	17	177648	HEX SCREW	4
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4	18	204993	HOOD LATCH	1
6	177858	ANGLE	1	19	177044	GAS STRUT	1
7	162716	PLATE	1	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
8	656094	CS M8-1.25 X 30 C8.8 ZY DIN931	2	21	205400	RUBBER PROFILE (3.5M)	1
9	163670	LOCKWASHER	6	22	101792	KEY**	1
10	163634	WASHER	6	23	177771	HINGE ANGLE	2
11	205137	EXHAUST COVER	1	24	177819	BRACKET	1
12	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	3				
13	161669	LOCKWASHER S10	3				

\* For service use 202651 (Kit) to replace 205522 (Hood).  
 \*\* Same key(s) to start engine and operate all locks on unit.

**603 - ENGINE HOOD**  
**1000152459 - (SN AC02513 - AD04628)**



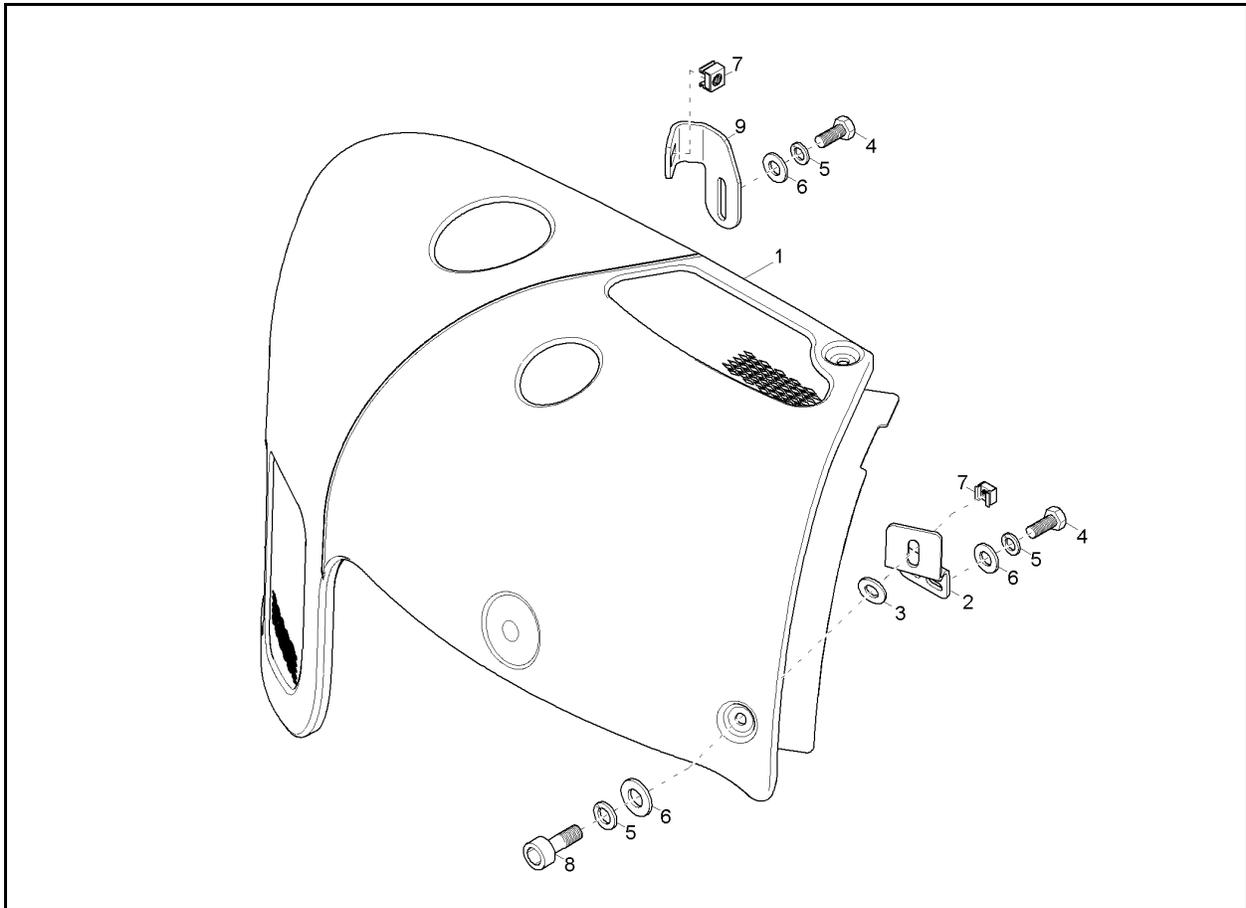
Ref. No.	Part No.	Description	Qty.
1	*	HOOD	1
2	205492	COVER PLATE (SN AC02776 - AC03658)	1
4	161640	WASHER/GR A 10.5	7
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4
6	177858	ANGLE	1
7	162716	PLATE	1
8	656094	CS M8-1.25 X 30 C8.8 ZY DIN931	2
9	163670	LOCKWASHER	6
10	163634	WASHER	6
11	177763	EXHAUST COVER	1
12	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	3
13	161669	LOCKWASHER S10	3
14	161615	NUT/CAGE M8	2
15	177678	LOCK W/O KEY	1

Ref. No.	Part No.	Description	Qty.
16	177677	LOCKING WEDGE	1
17	177648	HEX SCREW	4
18	204993	HOOD LATCH	1
19	177044	GAS STRUT	1
20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
21	205400	RUBBER PROFILE (3.5M)	1
22	101792	KEY**	1
23	177771	HINGE BRACKET	2
24	177819	BRACKET	2
25	206126	BRACKET	1
26	206877	SPACER	2

\* For service use 202651 (Kit) to replace 177506 (Hood).

\*\* Same key(s) to start engine and operate all locks on unit.

**603 - TANK COVER**  
**1000116501**

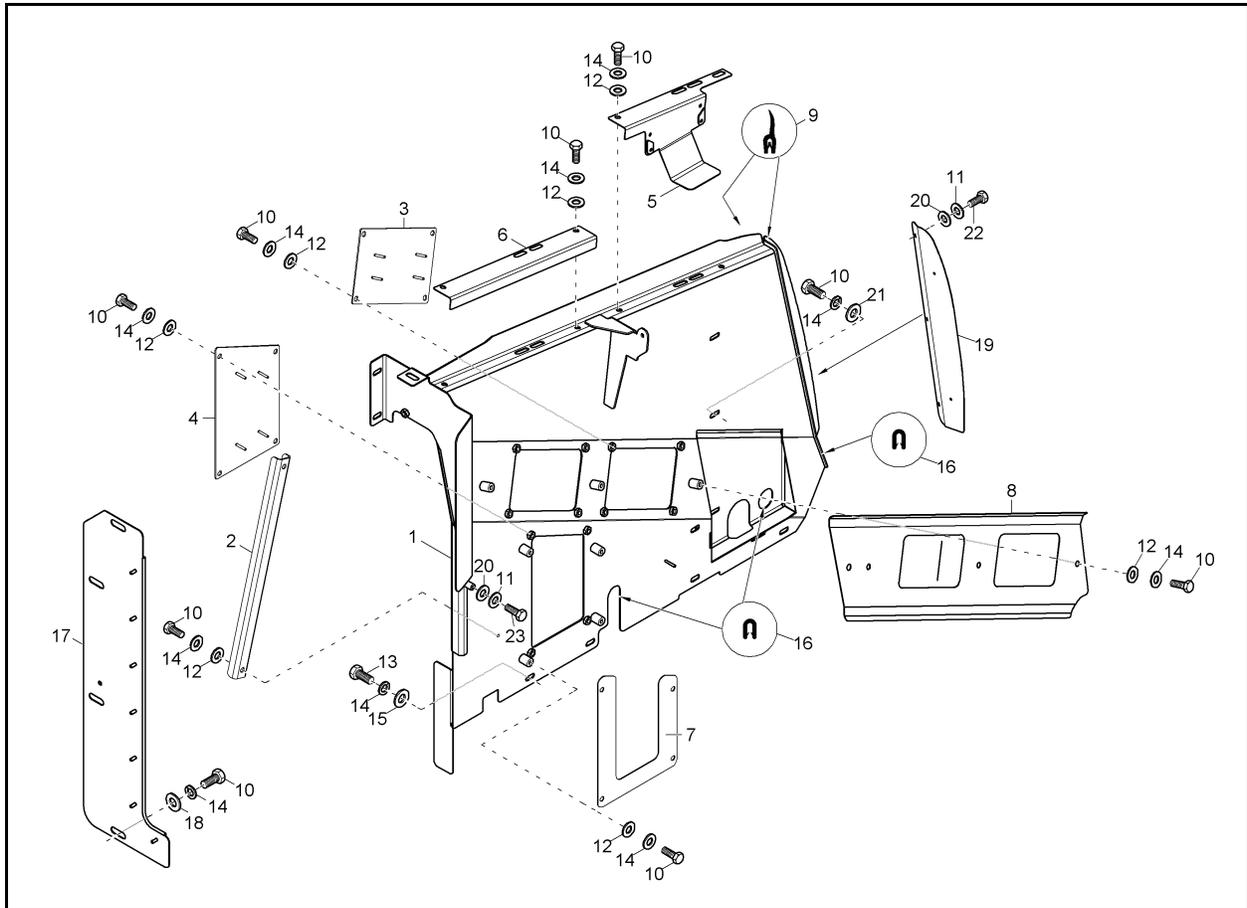


Ref. No.	Part No.	Description	Qty.
1	205523	TANK COVER	1
2	177785	BRACKET	1
3	178967	CORK WASHER	3
4	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	4
5	161669	LOCKWASHER S10	7

Ref. No.	Part No.	Description	Qty.
6	161663	WASHER/GR A 10.5 ZO	7
7	161610	NUT/CAGE M10	2
8	651475	SHCS M10-1.25 X 30 F8.8 ZY DIN912	3
9	177784	BRACKET	1

# 603 - PARTITION WALL

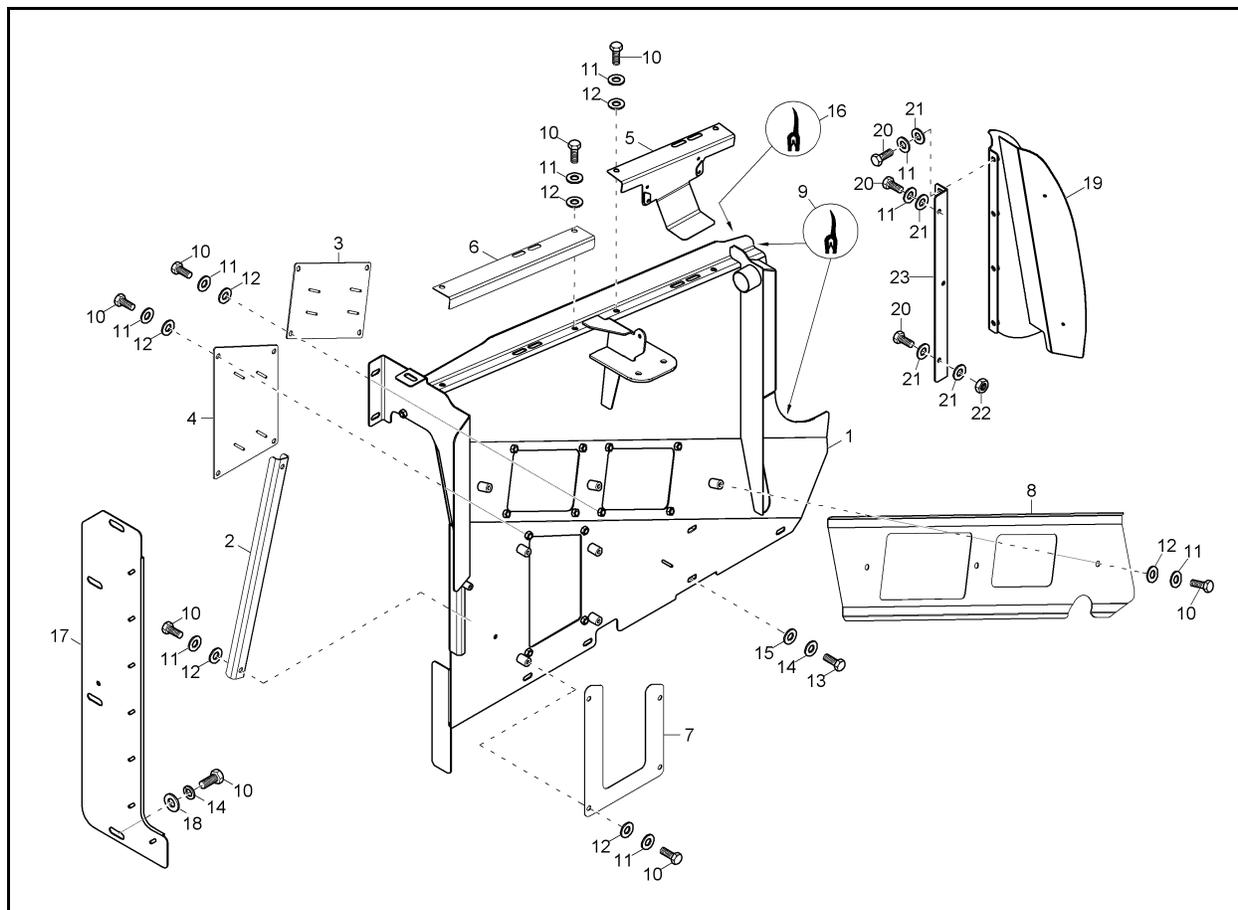
## 1000181264 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204138	SEPARATING PLATE	1	13	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	4
2	177498	CLAMP	1	14	161669	LOCKWASHER S10	33
3	177497	COVER	2	15	163642	WASHER	4
4	177496	COVER	1	16	207210	EDGE PROTECTION (0.5M)	1
5	177533	BRACKET	1	17	177820	PLATE	1
6	177818	BRACKET	1	18	161663	WASHER/GR A 10.5 ZO	4
7	177534	PROFILE	1	19	204154	SHIELD	1
8	204142	CLAMP PLATE	1	20	163634	WASHER	4
9	207163	RUBBER EXTRUSION (2.0M)	1	21	161640	WASHER/GR A 10.5	3
10	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	29	22	177648	HEX SCREW	3
11	163670	LOCKWASHER	25	23	651438	HB M8-1.25 X 70 C8.8 ZY	1
12	7462680011	WASHER/GR A 8.4	22				

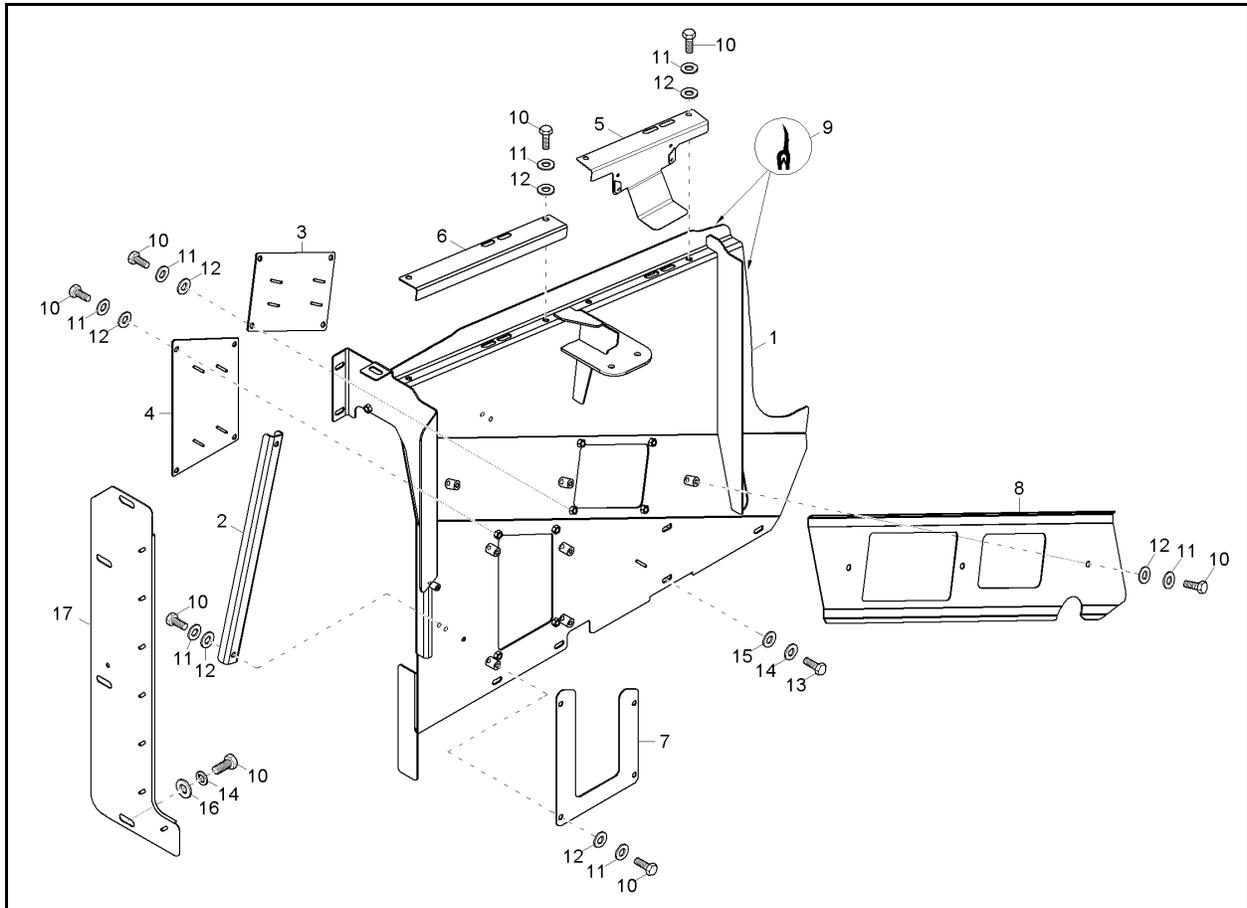
# 603 - PARTITION WALL

## 1000155830 - (SN AD04629 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205521	SEPARATING PLATE	1	13	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	5
2	177498	CLAMP	1	14	161669	LOCKWASHER S10	9
3	177497	COVER	2	15	163642	WASHER	5
4	177496	COVER	1	16	207160	RUBBER EXTRUSION (1.0M)	1
5	177533	BRACKET	1	17	177820	PLATE	1
6	177818	BRACKET	1	18	161663	WASHER/GR A 10.5 ZO	4
7	177534	PROFILE	1	19	202652	SHIELD	1
8	177499	CLAMP PLATE	1	20	177648	HEX SCREW	7
9	207163	RUBBER EXTRUSION (2.0M)	1	21	163634	WASHER	9
10	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	29	22	651458	LN INS M8-1.25 C8 ZY DIN6924	2
11	163670	LOCKWASHER	30	23	202654	BRACKET	1
12	7462680011	WASHER/GR A 8.4	25				

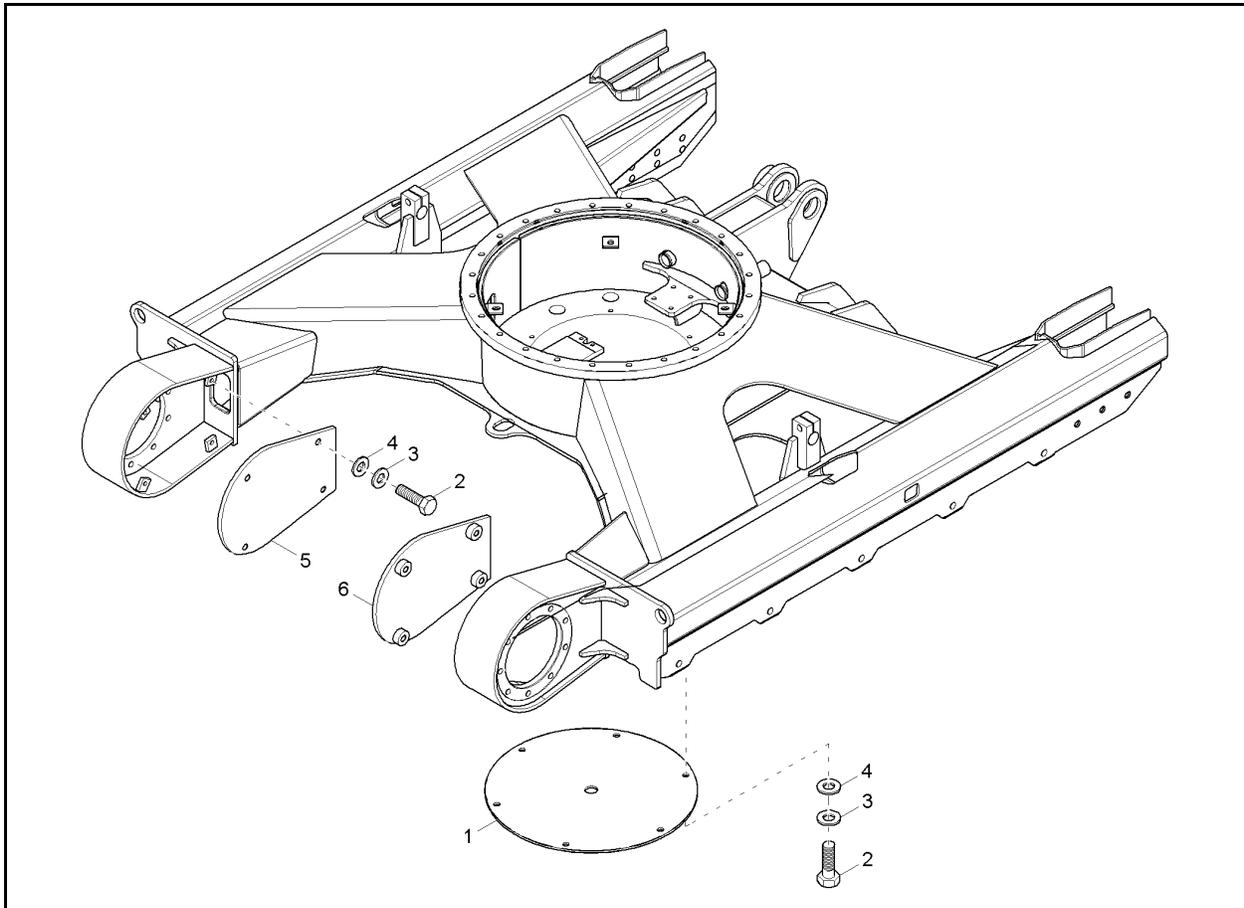
**603 - PARTITION WALL**  
**1000126282 - (SN AC02513 - AD04628)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177500	SEPARATING PLATE	1	10	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	21
2	177498	CLAMP	1	11	163670	WASHER	21
3	177497	COVER	1	12	7462680011	WASHER/GR A 8.4	21
4	177496	COVER	1	13	651395	CS M10-1.5 X 30 C10.9 ZY DIN931	5
5	177533	BRACKET	1	14	161669	LOCKWASHER S10	5
6	177818	BRACKET	1	15	163642	WASHER	5
7	177534	PROFILE	1	16	161663	WASHER/GR A 10.5 ZO	4
8	177499	CLAMP PLATE	1	17	177820	PLATE	1
9	207163	RUBBER PROFILE (2.0 M)	1				

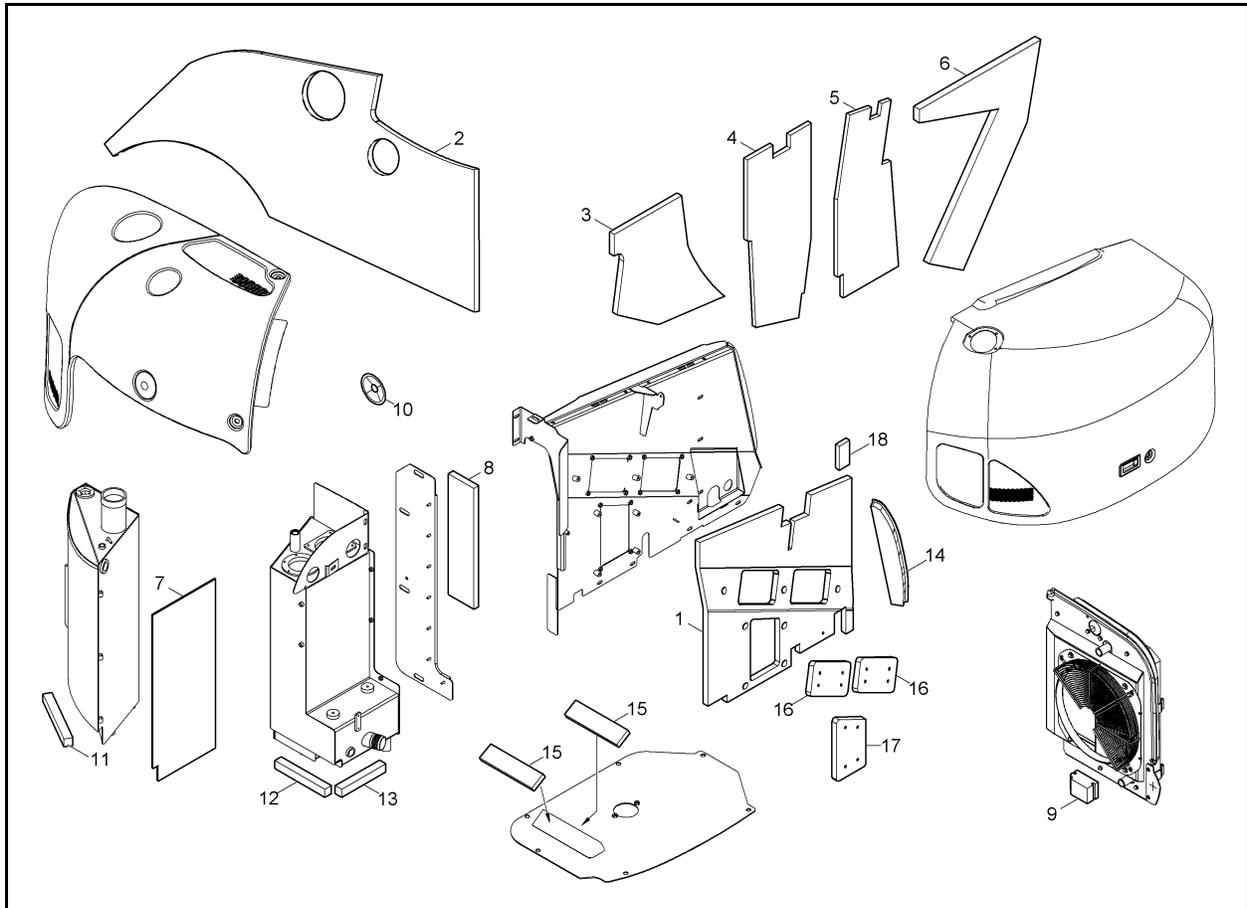
# 603 - UNDERCARRIAGE COVERS

1000126286



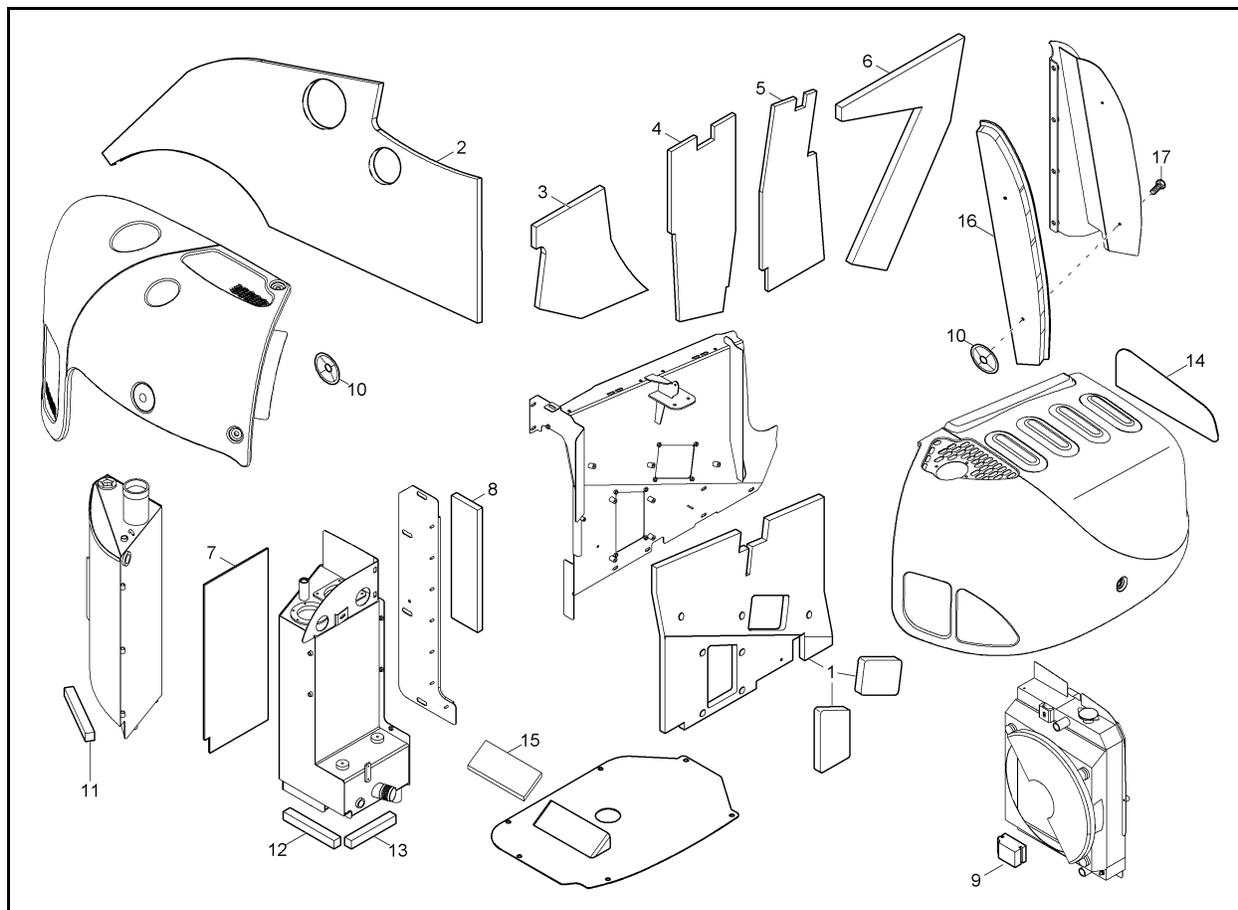
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179305	COVER	1	4	161642	WASHER/GR A 13	14
2	179757	SCREW	14	5	179304	COVER LT	1
3	163651	WASHER	14	6	179303	COVER RT	1

**603 - ISOLATION MATS**  
**1000181265 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204139	ISOLATION MAT	1	10	177934	CLAMP	50
2	177889	ISOLATION MAT	1	11	205496	ISOLATION MAT	1
3	177906	ISOLATION MAT	1	12	205497	ISOLATION MAT	1
4	177907	ISOLATION MAT	1	13	205495	ISOLATION MAT	1
5	177890	ISOLATION MAT	1	14	202653	ISOLATION MAT	1
6	177891	ISOLATION MAT	1	15	203427	ISOLATION MAT	2
7	177892	ISOLATION MAT/OIL TANK	1	16	204140	ISOLATION MAT	2
8	177970	ISOLATION MAT	1	17	204141	ISOLATION MAT	1
9	205489	ISOLATION MAT	1	18	204163	ISOLATION MAT	1

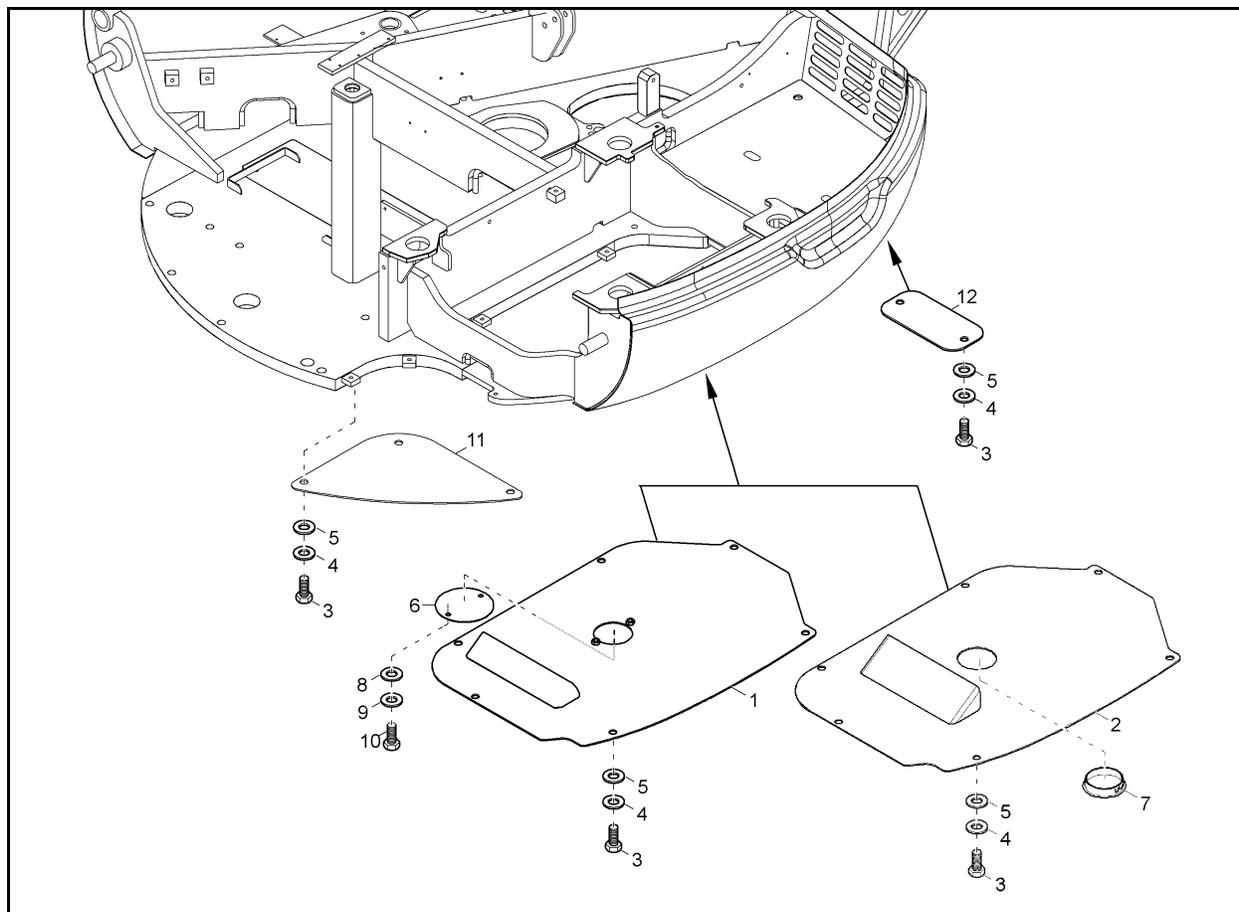
**603 - ISOLATION MATS**  
**1000126283 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty	Ref. No.	Part No.	Description	Qty
1	177549	ISOLATION MAT	1	11	205496	ISOLATION MAT (SN AC02776 - AD07207)	1
2	177889	ISOLATION MAT	1	12	205497	ISOLATION MAT (SN AC02776 - AD07207)	1
3	177906	ISOLATION MAT	1	13	205495	ISOLATION MAT (SN AC02776 - AD07207)	1
4	177907	ISOLATION MAT	1	14	205500	ISOLATION MAT (SN AC02776 - AC03658)	1
5	177890	ISOLATION MAT	1	15	205528	ISOLATION MAT (SN AD04629 - AD07207)	1
6	177891	ISOLATION MAT	1	16	202653	ISOLATION MAT	1
7	177892	ISOLATION MAT/OIL TANK	1	17	651423	CS M5-0.8 X 25 C8.8 ZY DIN931	2
8	177970	ISOLATION MAT	1				
9	205489	ISOLATION MAT	1				
10	177934	CLAMP	52				

# 603 - CHASSIS COVERS

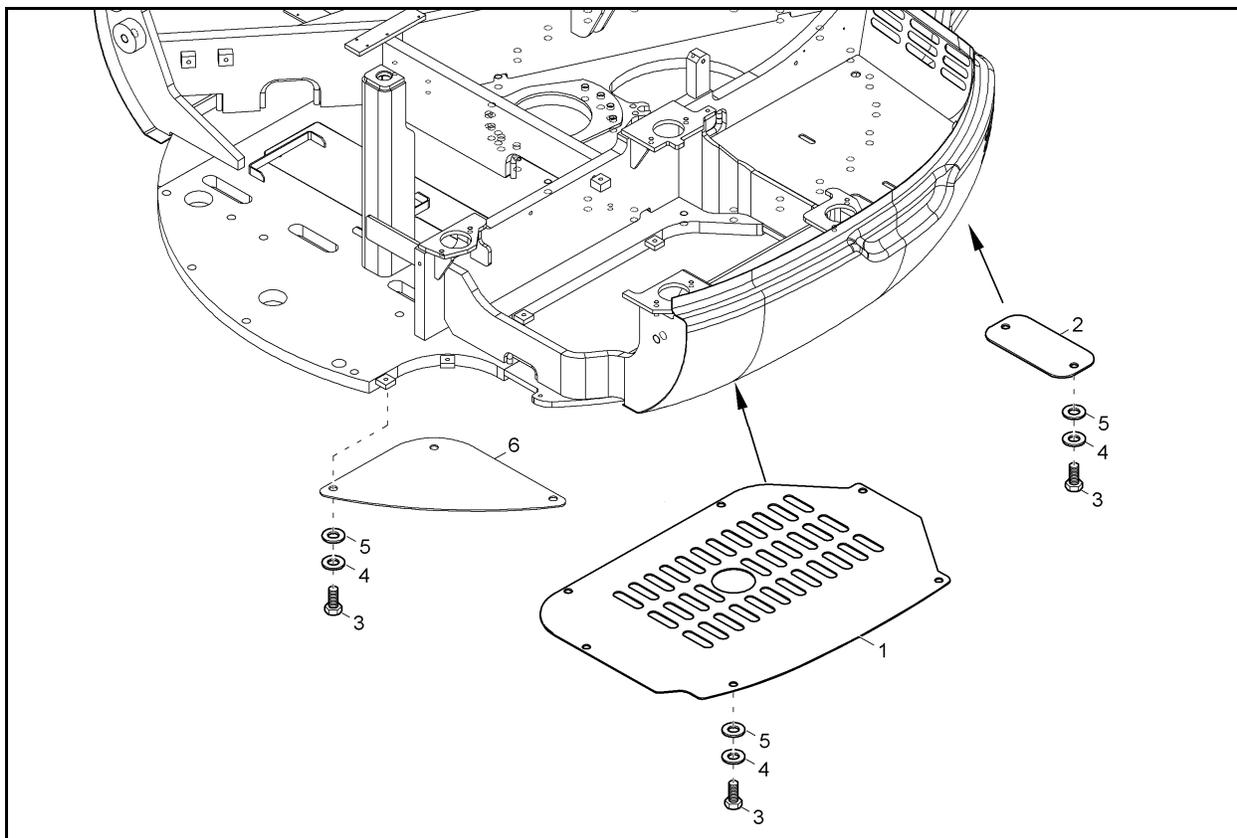
1000155829 & 1000180685 - (SN AD04629 AND UP)



Ref. No.	Part No.	Description	Qty.
1	204150	ENGINE ACCESS COVER (SN AH00645 and up)	1
2	205527	ENGINE ACCESS COVER (SN AD04629 - AD07207)	1
3	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	11
4	161669	LOCKWASHER S10	11
5	161640	WASHER/GR A 10.5	11
6	203431	COVER (SN AH00645 and up)	1

Ref. No.	Part No.	Description	Qty.
7	205972	PLUG (SN AD04629 - AD07207)	1
8	163634	WASHER (SN AH00645 and up)	2
9	163670	LOCKWASHER (SN AH00645 and up)	2
10	656093	CS M8-1.25 X 16 C8.8 ZY DIN931 (SN AH00645 and up)	2
11	205488	COVER	1
12	177504	RADIATOR DRAIN COVER	1

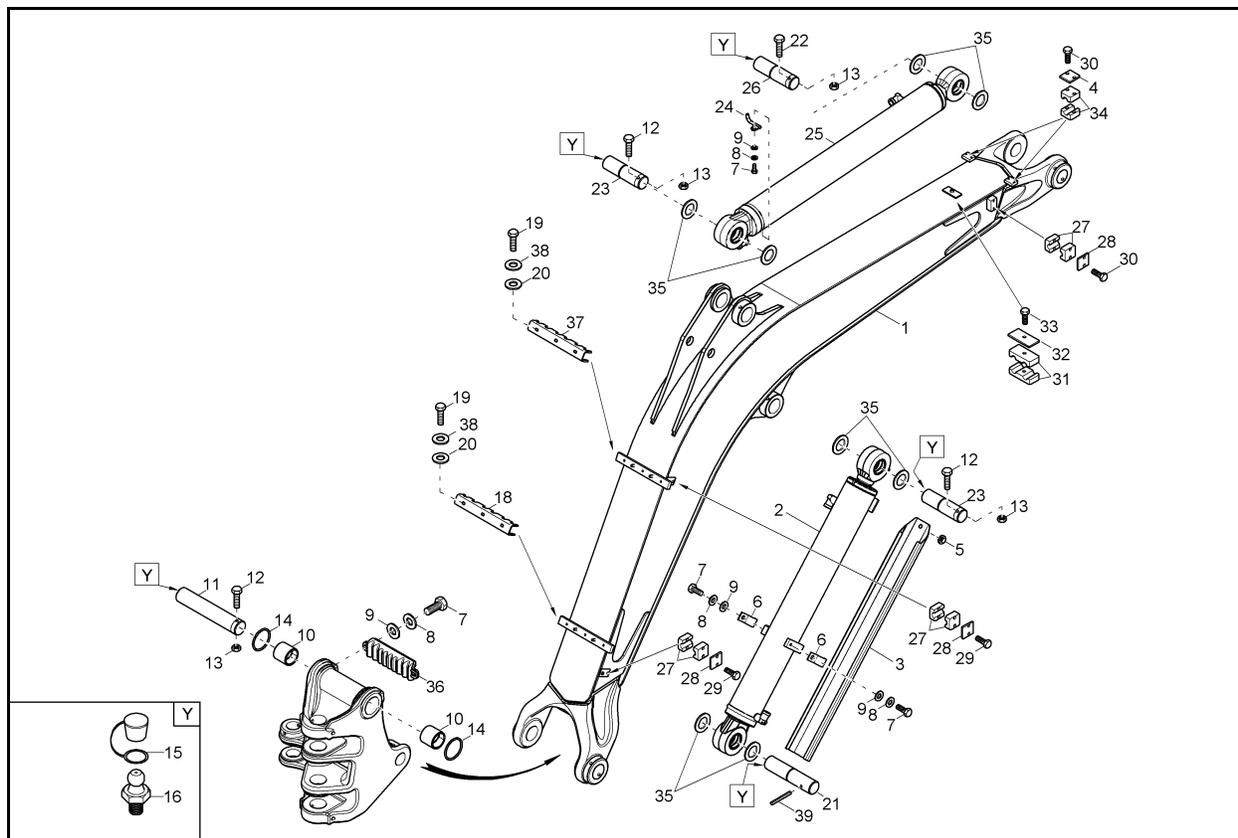
**603 - CHASSIS COVERS**  
**1000126285 - (SN AC02513 - AD04628)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204134	ENGINE ACCESS COVER	1	4	161669	LOCKWASHER S10	11
2	177504	RADIATOR DRAIN COVER	1	5	161640	WASHER/GR A 10.5	11
3	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	11	6	205488	COVER	1

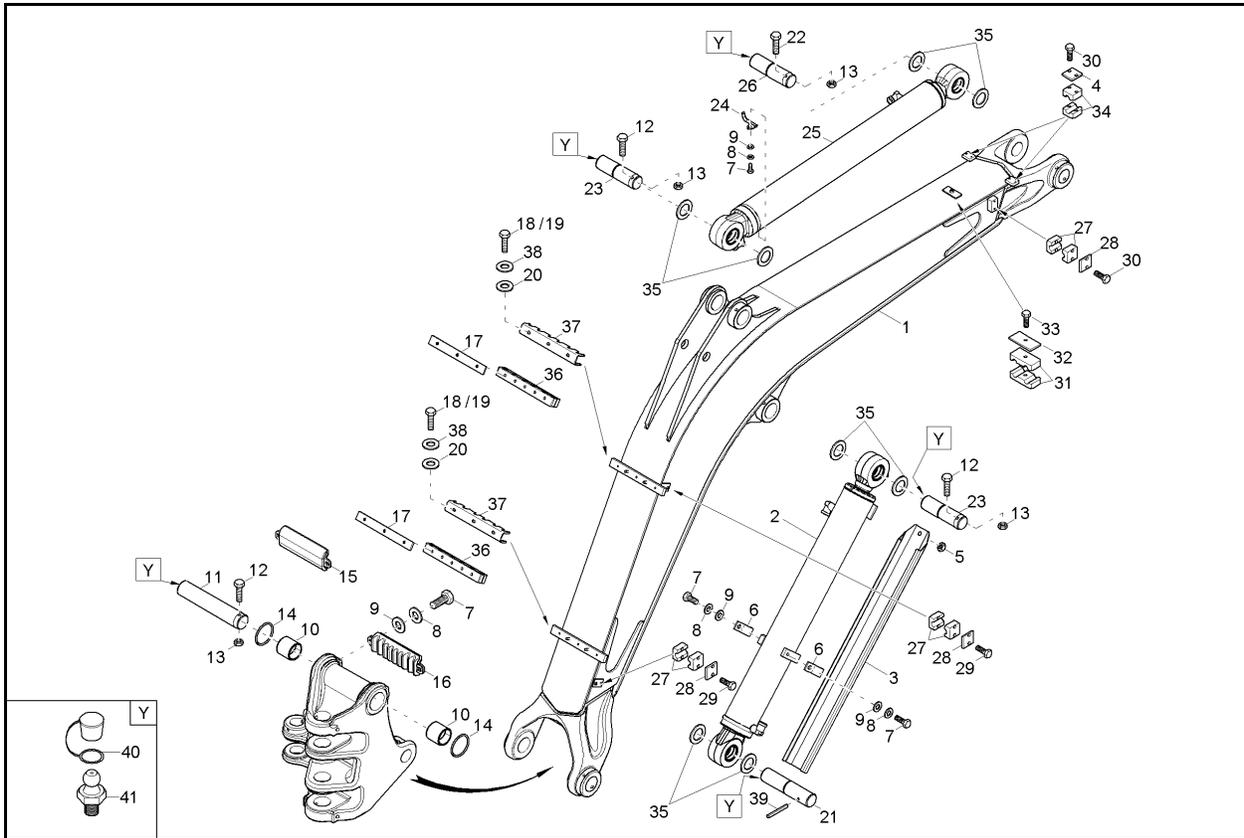
# 603 - BOOM

1000181366 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205486	BOOM	1	22	177693	HEX HEAD SCREW	1
2	204081	BOOM CYLINDER (See page 94 for individual components)	1	23	177477	PIN	2
3	177753	PROTECTING RAIL	1	24	177900	BRACKET HOSE	1
4	162066	COVER	2	25	204071	DIPPER ARM CYLINDER (See page 97 for individual components)	1
5	651457	LN INS M6-1 C8 ZY DIN6924	1	26	177478	PIN	1
6	163376	CLAMP	2	27	179857	CLAMP-1 SIDE	6
7	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	5	28	162609	COVER	3
8	161669	LOCKWASHER S10	5	29	179761	SCREW	4
9	161640	WASHER/GR A 10.5	5	30	656172	CS M6-1 X 45 C8.8 ZY DIN931	6
10	161531	BUSHING	2	31	177692	CLAMP BODY	2
11	206426	PIN	1	32	162502	COVER	1
12	162870	SCREW	3	33	656154	CS M8-1.25 X 45 C8.8 ZY DIN931	1
13	651458	LN INS M8-1.25 C8 ZY DIN6924	4	34	161554	TUBE CLAMP	4
14	162613	PIN SEAL	2	35	205510	SHIM (0.5MM)	AR
15	161422	CAP	5		205511	SHIM (1.0MM)	AR
16	161412	GREASE ZERK-9MM HEX HEAD	5		205518	SHIM (1.5MM)	AR
17	163670	LOCKWASHER	6		205516	SHIM (2.0MM)	AR
18	205490	CLAMP	2	36	204135	CLAMP	1
19	163024	SCREW	6	37	205490	CLAMP	1
20	163634	WASHER	6	38	163670	LOCKWASHER	6
21	177476	PIN	1	39	177658	COTTER PIN	1

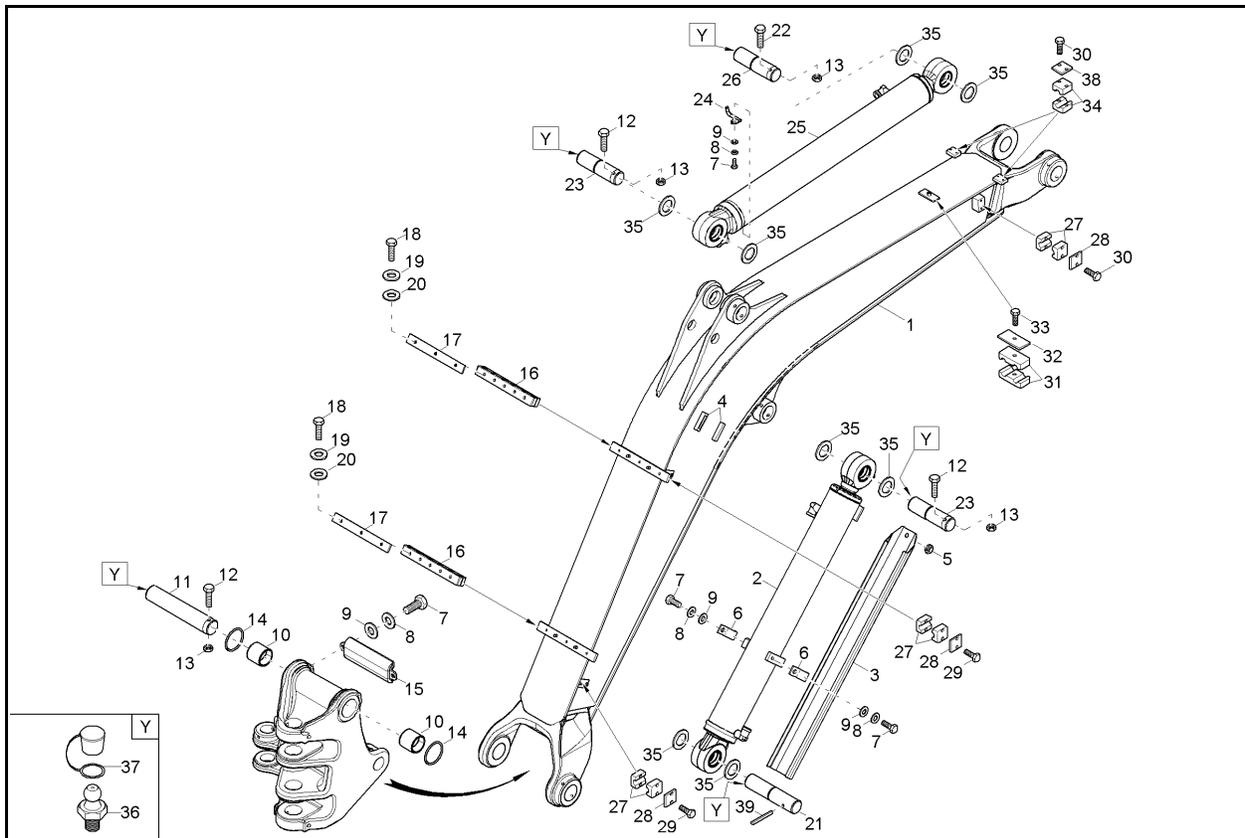
**603 - BOOM**  
**1000146674 - (SN AC02660 - AD07207)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205486	BOOM	1	22	177693	HEX HEAD SCREW	1
2	204081	BOOM CYLINDER (See page 94 for individual components)	1	23	177477	PIN	2
3	177753	PROTECTING RAIL	1	24	177900	BRACKET HOSE	1
4	162066	COVER	2	25	204071	DIPPER ARM CYLINDER (See page 97 for individual components)	1
5	651457	LN INS M6-1 C8 ZY DIN6924	1	26	177478	PIN	1
6	163376	CLAMP	2	27	179857	CLAMP-1 SIDE	6
7	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	5	28	162609	COVER	3
8	161669	LOCKWASHER S10	5	29	179761	SCREW	4
9	161640	WASHER/GR A 10.5	5	30	656172	CS M6-1 X 45 C8.8 ZY DIN931	6
10	161531	BUSHING	2	31	177692	CLAMP BODY	2
11	206426	PIN	1	32	162502	COVER	1
12	162870	SCREW	3	33	656154	CS M8-1.25 X 45 C8.8 ZY DIN931	1
13	651458	LN INS M8-1.25 C8 ZY DIN6924	4	34	161554	TUBE CLAMP	4
14	162613	PIN SEAL	2	35	205510	SHIM (0.5MM)	AR
15	177764	CLAMP (SN AC02513 - AC03584)	1		205511	SHIM (1.0MM)	AR
16	204135	CLAMP (SN AC03585 - AD07207)	1		205518	SHIM (1.5MM)	AR
17	177755	COVER PLATE (SN AC02513 - AC03552)	2		205516	SHIM (2.0MM)	AR
18	656004	CS M8-1.25 X 55 C8.8 ZY DIN931 (SN AC02513 - AC03552)	6	36	177754	CLAMP (SN AC02513 - AC03552)	2
19	163024	SCREW (SN AC03553 - AD07207)	6	37	205490	CLAMP (SN AC03553 - AD07207)	2
20	163634	WASHER	6	38	163670	LOCKWASHER	6
21	177476	PIN	1	39	177658	COTTER PIN	1
				40	161412	GREASE ZERK-9MM HEX HEAD	5
				41	161422	CAP	5

# 603 - BOOM

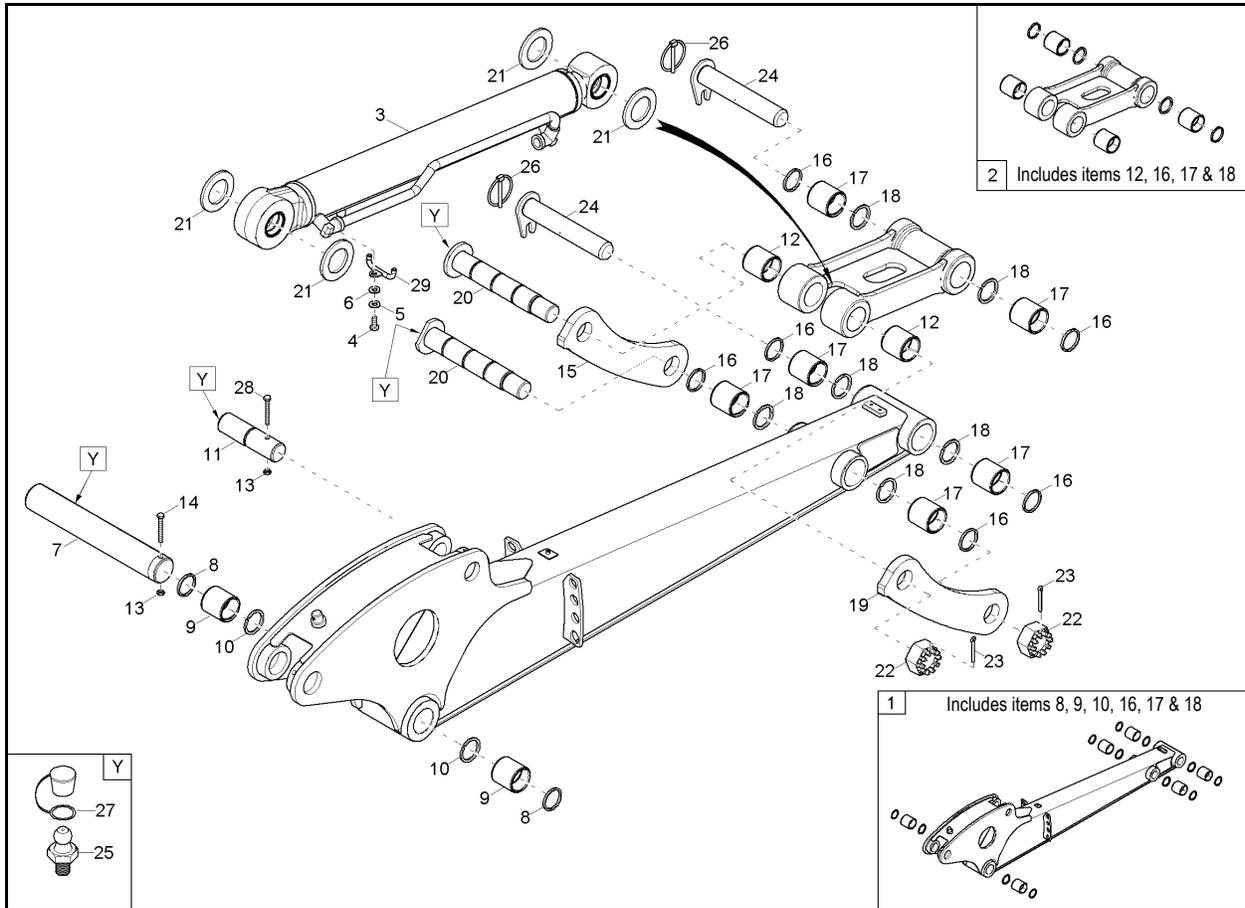
1000126287 - (SN AC02513 - AC02659)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205483	BOOM	1	22	177693	HEX HEAD SCREW	1
2	206016	BOOM CYLINDER (See page 94 for individual components)	1	23	177477	PIN	2
3	177753	PROTECTING RAIL	1	24	177900	BRACKET HOSE	1
4	161205	GUIDE	2	25	204071	DIPPER ARM CYLINDER (See page 97 for individual components)	1
5	651457	LN INS M6-1 C8 ZY DIN6924	1	26	177478	PIN	1
6	163376	CLAMP	2	27	179857	CLAMP-1 SIDE	6
7	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	5	28	162609	COVER	3
8	161669	LOCKWASHER S10	5	29	179761	SCREW	4
9	161640	WASHER/GR A 10.5	5	30	656172	CS M6-1 X 45 C8.8 ZY DIN931	6
10	161531	BUSHING	2	31	177692	CLAMP BODY	2
11	177742	PIN	1	32	162502	COVER	1
12	162870	SCREW	3	33	656154	CS M8-1.25 X 45 C8.8 ZY DIN931	1
13	651458	LN INS M8-1.25 C8 ZY DIN6924	4	34	161554	TUBE CLAMP	4
14	162613	PIN SEAL	2	35	205479	SHIM (2.0MM)	AR
15	177764	CLAMP	1		205480	SHIM (1.5MM)	AR
16	177754	PIPE CLAMP	2		205482	SHIM (1.0MM)	AR
17	177755	COVER PLATE	2		205481	SHIM (0.5MM)	AR
18	656004	CS M8-1.25 X 55 C8.8 ZY DIN931	6	36	161412	GREASE ZERK-9MM HEX HEAD	5
19	163670	LOCKWASHER	6	37	161422	CAP	5
20	163634	WASHER	6	38	162066	COVER	2
21	177476	PIN	1	39	177658	COTTER PIN	1

# 603 - DIPPER ARM, SHORT

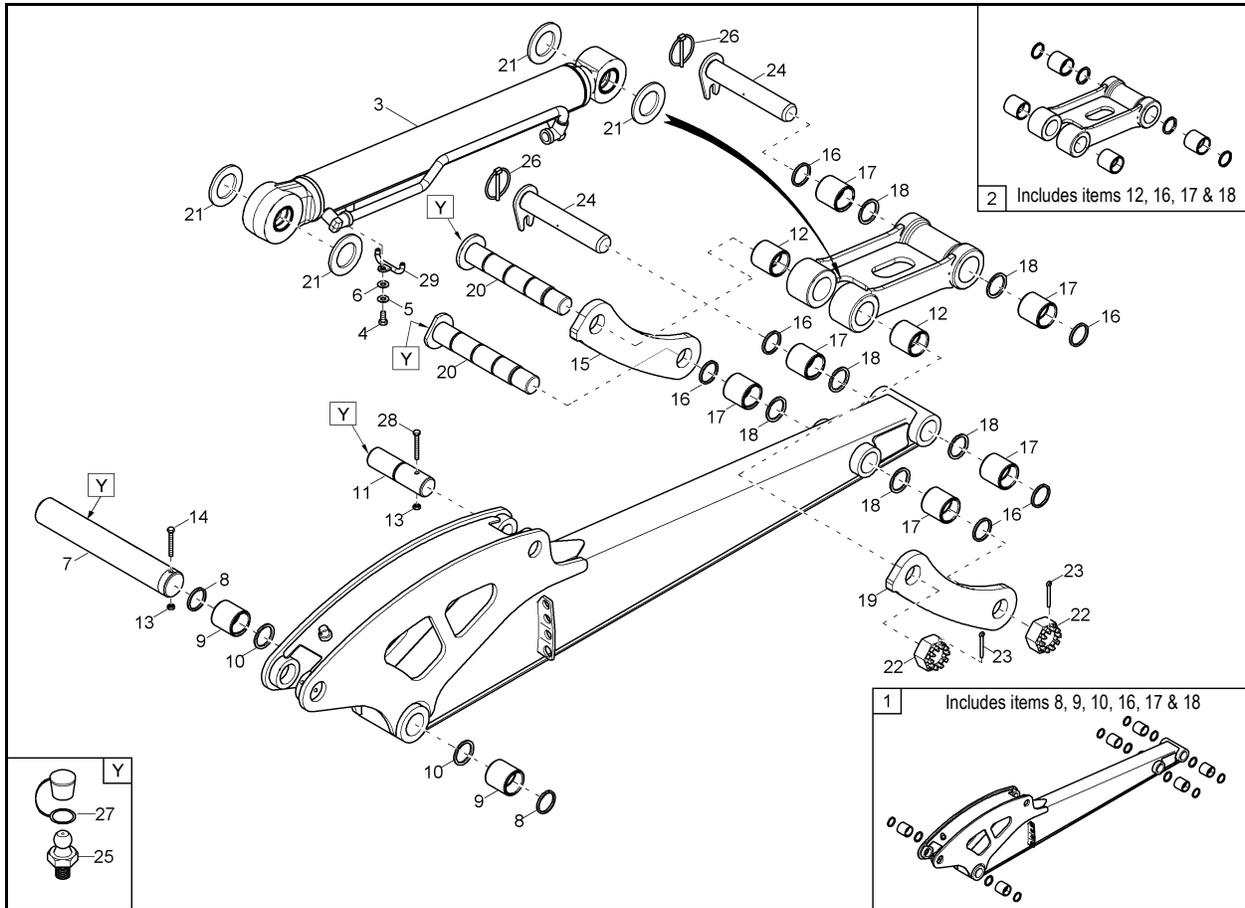
## 1000126288



Ref. No.	Part No.	Description	Qty.
1	204925	PRE-ASSEMBLED DIPPER ARM (See page 100 for required HP hoses)	1
2	177602	PRE-ASSEMBLED CONNECTING LINK	1
3	204072	BUCKET CYLINDER (See page 99 for individual components)	1
4	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	1
5	161669	LOCKWASHER S10	1
6	161640	WASHER/GR A 10.5	1
7	177741	PIN	1
8	161581	SEAL	2
9	161528	BUSHING	2
10	161409	WASHER	2
11	177744	PIN	1
12	177715	STEEL BUSHING	2
13	651458	LN INS M8-1.25 C8 ZY DIN6924	2
14	162870	SCREW	2
15	177474	PIVOT PLATE	1

Ref. No.	Part No.	Description	Qty.
16	161588	PIN SEAL	6
17	161529	BUSHING	6
18	161688	LOCKWASHER	6
19	177475	PIVOT PLATE	1
20	177512	PIN	2
21	205509	SHIM (0.5MM)	AR
	205512	SHIM (1.0MM)	AR
	205517	SHIM (1.5MM)	AR
	205515	SHIM (2.0MM)	AR
22	177968	CROWN NUT	2
23	161683	PIN/SPRING M8 X 80 ZO	2
24	177682	PIN	2
25	161412	GREASE ZERK-9MM HEX HEAD	4
26	161405	LYNCH PIN	2
27	161422	CAP	4
28	205477	HEX SCREW	1
29	177899	BRACKET/HOSE	1

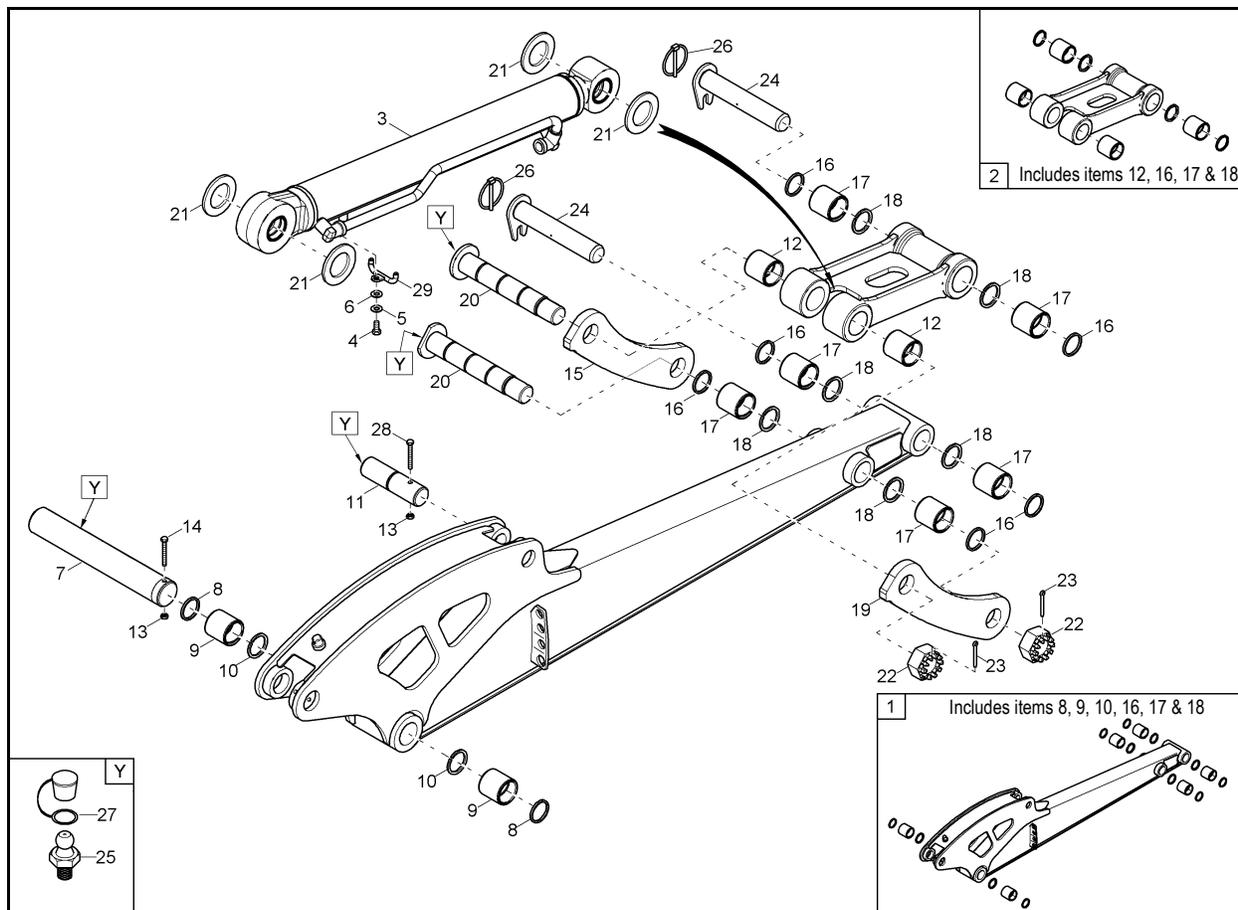
# 603 - DIPPER ARM, LONG (OPTION) 1000181347 - (SN AD06210 AND UP)



Ref. No.	Part No.	Description	Qty.
1	204888	PRE-ASSEMBLED DIPPER ARM) (See page 100 for required HP hoses)	1
2	177602	PRE-ASSEMBLED CONNECTING LINK	1
3	204072	BUCKET CYLINDER (See page 99 for individual components)	1
4	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	1
5	161669	LOCKWASHER S10	1
6	161640	WASHER/GR A 10.5	1
7	177741	PIN	1
8	161581	SEAL	2
9	161528	BUSHING	2
10	161409	WASHER	2
11	177744	PIN	1
12	177715	STEEL BUSHING	2
13	651458	LN INS M8-1.25 C8 ZY DIN6924	2
14	162870	SCREW	1
15	177474	PIVOT PLATE	1

Ref. No.	Part No.	Description	Qty.
16	161588	PIN SEAL	6
17	161529	BUSHING	6
18	161688	LOCKWASHER	6
19	177475	PIVOT PLATE	1
20	177512	PIN	2
21	205509	SHIM (0.5MM)	AR
	205512	SHIM (1.0MM)	AR
	205517	SHIM (1.5MM)	AR
	205515	SHIM (2.0MM)	AR
22	177968	CROWN NUT	2
23	161683	PIN/SPRING M8 X 80 ZO	2
24	177682	PIN	2
25	161412	GREASE ZERK-9MM HEX HEAD	4
26	161405	LYNCH PIN	2
27	161422	CAP	4
28	205477	HEX SCREW	1
29	177899	BRACKET/HOSE	1

# 603 - DIPPER ARM, LONG (OPTION) 1000127134 - (SN AC02513 - AD06209)

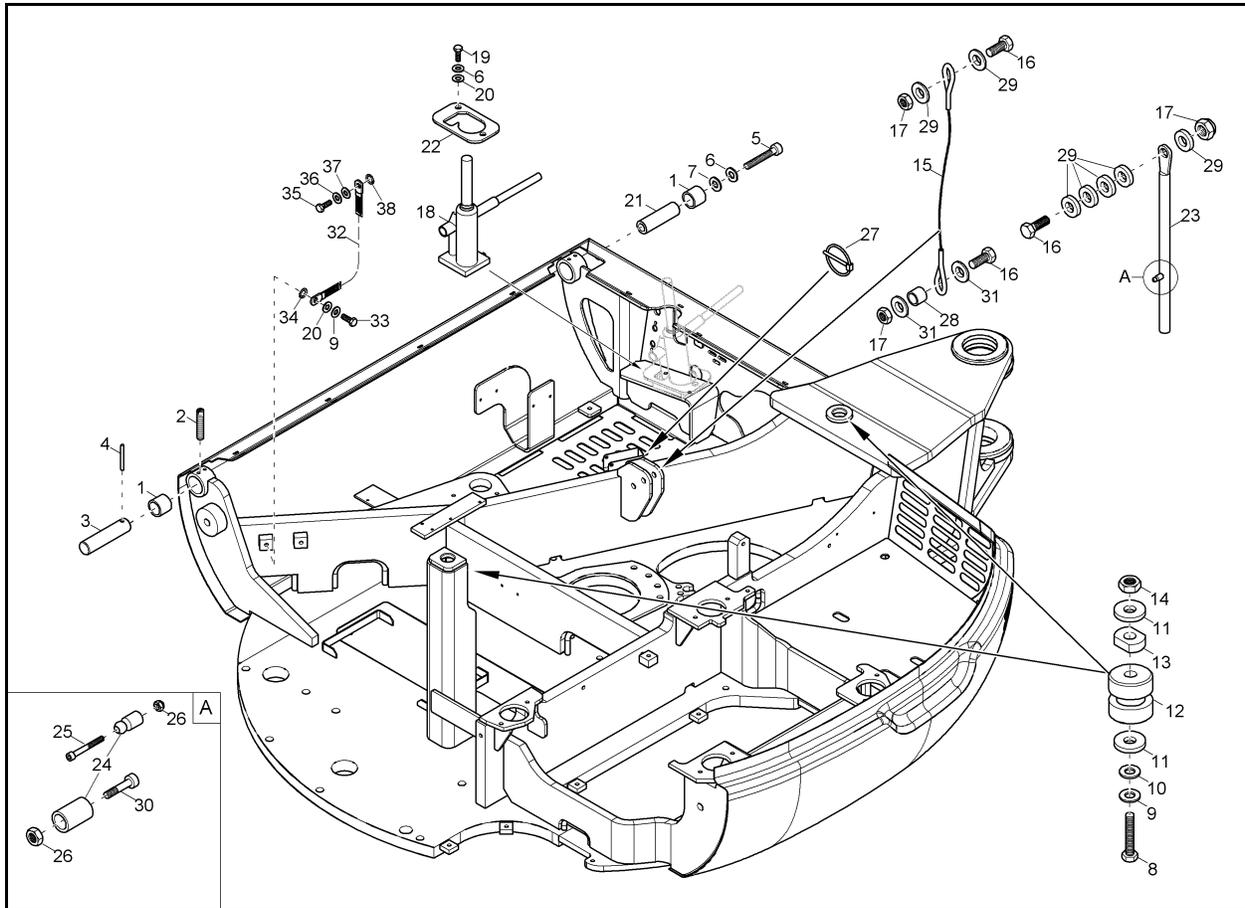


Ref. No.	Part No.	Description	Qty.
1	204888	PRE-ASSEMBLED DIPPER ARM (See page 100 for required HP hoses)	1
2	177602	PRE-ASSEMBLED CONNECTING LINK	1
3	204072	BUCKET CYLINDER (See page 99 for individual components)	1
4	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	1
5	161669	LOCKWASHER S10	1
6	161640	WASHER/GR A 10.5	1
7	177741	PIN	1
8	161581	SEAL	2
9	161528	BUSHING	2
10	161409	WASHER	2
11	177744	PIN	1
12	177715	STEEL BUSHING	2
13	651458	LN INS M8-1.25 C8 ZY DIN6924	2
14	162870	SCREW	1
15	177474	PIVOT PLATE	1

Ref. No.	Part No.	Description	Qty.
16	161588	PIN SEAL	6
17	161529	BUSHING	6
18	161688	LOCKWASHER	6
19	177475	PIVOT PLATE	1
20	177512	PIN	2
21	205509	SHIM (0.5MM)	AR
	205512	SHIM (1.0MM)	AR
	205517	SHIM (1.5MM)	AR
	205515	SHIM (2.0MM)	AR
22	177968	CROWN NUT	2
23	161683	PIN/SPRING M8 X 80 ZO	2
24	177682	PIN	2
25	161412	GREASE ZERK-9MM HEX HEAD	4
26	161405	LYNCH PIN	2
27	161422	CAP	4
28	205477	HEX SCREW	1
29	177899	BRACKET/HOSE	1

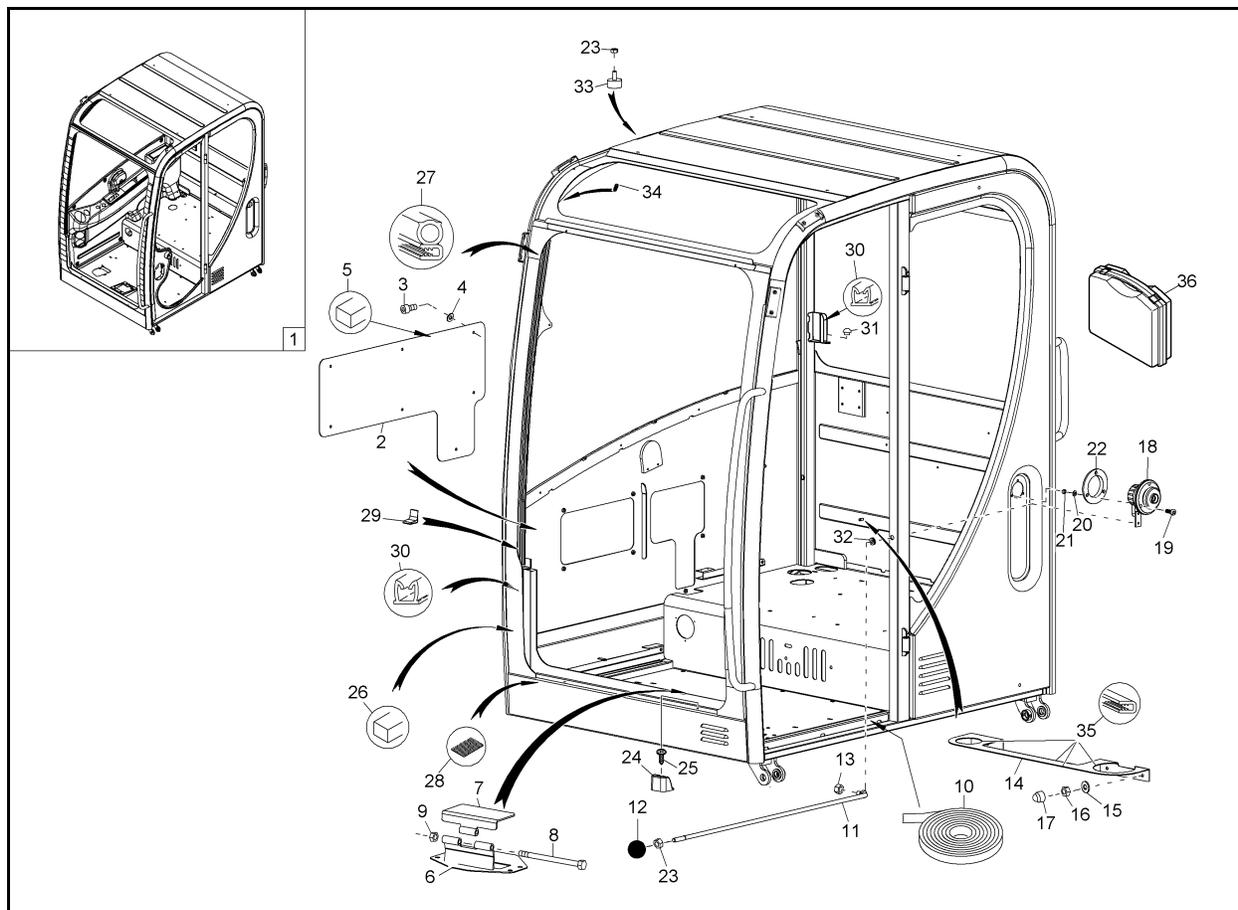
# 603 - CAB MOUNTING

## 1000155488



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177717	ISO MOUNT	2	20	161640	WASHER/GR A 10.5	3
2	651446	SHSS CP M8-1.25 X 12 C 45H	4	21	177792	BUSHING	1
3	177791	PIN	1	22	177782	FIXING PLATE	1
4	177695	COTTER PIN	1	23	177963	BRACKET	1
5	9901427G	SCREW	1	24	177964	RUBBER BUFFER	1
6	163651	WASHER	3	25	651501	SHCS M4-0.7 X 30 C8.8 ZY DIN912	1
7	161644	WASHER/GR A 13 DIN134	1	26	161402	NUT	2
8	177909	HEX SCREW	2	27	161405	LYNCH PIN	1
9	163651	WASHER	3	28	206112	BUSHING	1
10	161642	WASHER/GR A 13	2	29	161645	WASHER/GR A 13 DIN7349	7
11	177904	SHIM	AR	30	164908	SCREW	1
12	177718	ISO MOUNT	2	31	161644	WASHER/GR A 13 DIN134	2
13	161875	WASHER	2	32	179096	CORD	1
14	656050	HN M12-1.75 C8 ZY DIN934	2	33	656090	CS M10-1.5 X 16 C8.8 ZY DIN931	1
15	206110	CABLE/SAFETY	1	34	177460	SERRATED WASHER	1
16	651411	HB M12-1.7 X 60 C10.9 ZY	3	35	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	1
17	179793	NUT	3	36	163670	LOCKWASHER	1
18	177984	JACK	1	37	163634	WASHER	1
19	651400	CS M10-1.5 X 40 C10.9 ZY DIN931	2	38	177461	EXTERNAL TOOTH LOCKWASHER	1

**603 - CAB**  
**1000180186 - (SN AH00645 AND UP)**

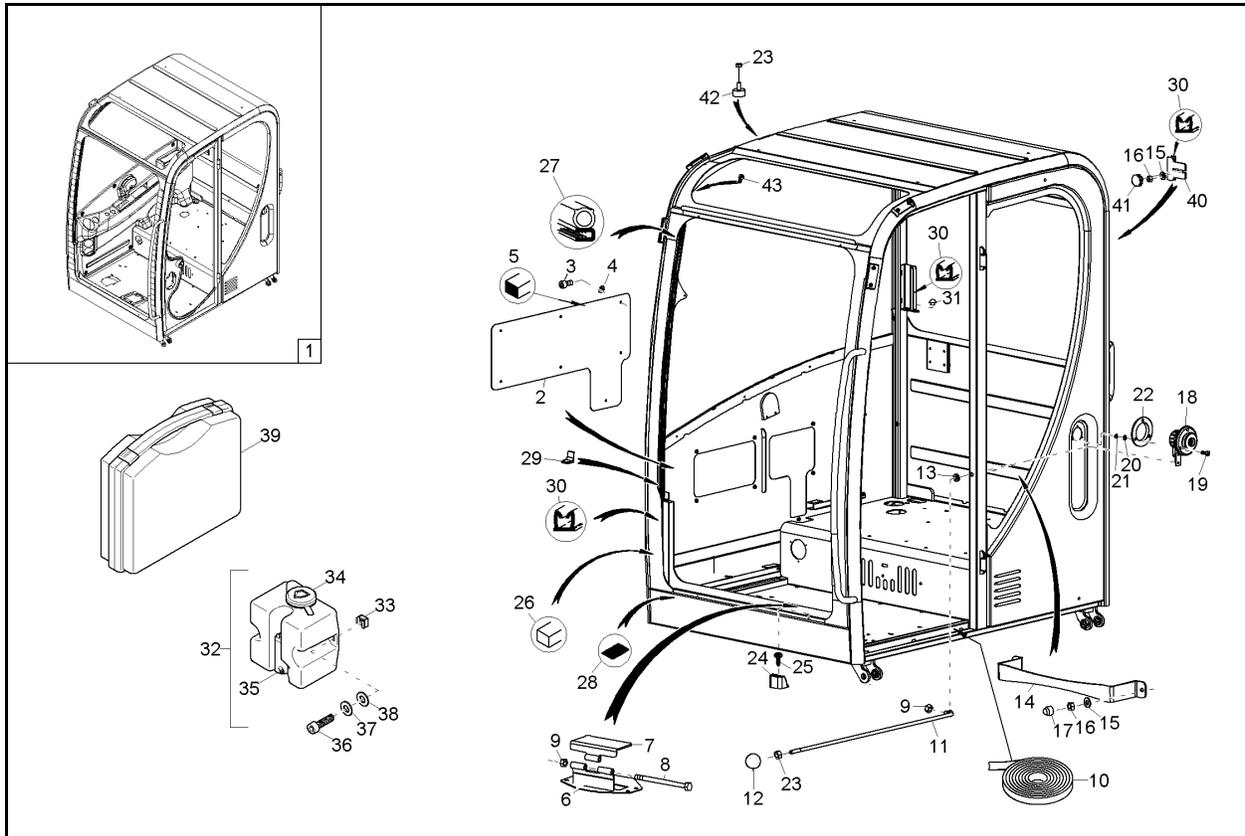


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203443	CAB*	1	20	162925	WASHER	3
2	178025	COVER SIDEWALL RT	1	21	651456	LN INS M5-0.8 C8 ZY DIN6924	3
3	201719	FHCS M6 X 12	7	22	178033	RUBBER DISC	1
4	162924	WASHER	7	23	9901152G	NUT	3
5	206155	TESAMOL (2.1M)	1	24	1423414G	COLLAR	2
6	178027	ADAPTER PLATE	1	25	162031	SCREW	4
7	178028	FLAP FOOTREST	1	26	205603	FOAM RUBBER/BLACK 10 X 15MM (1.9M)	1
8	162870	SCREW	1	27	205605	PROFILE (3.5M)	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2	28	206173	SEAL STRAP (0.8M)	1
10	206156	ANTI-SLIDE STRIP (0.7M)	1	29	206879	CLAMP SHOE	2
11	178029	ANTILOCK ROD	1	30	206799	WINDOW SEAL (1.0M)	2
12	178030	BALL HEAD	1	31	164686	RUBBER PLUG	2
13	651458	LN INS M8-1.25 C8 ZY DIN6924	1	32	178036	RUBBER SLEEVE	1
14	202537	BOTTLE HOLDER	1	33	205932	RUBBER BUMPER	2
15	162924	WASHER	2	34	205929	THREAD PIN	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	35	203439	EDGE PROTECTION SECTION (1.9M)	1
17	162737	COVER	2	36	177495	DOCUMENTS BOX	1
18	178032	DOOR LATCH	1				
19	178034	SCREW	3				

\* Contact Gehl Service for items included with 203443 cab.

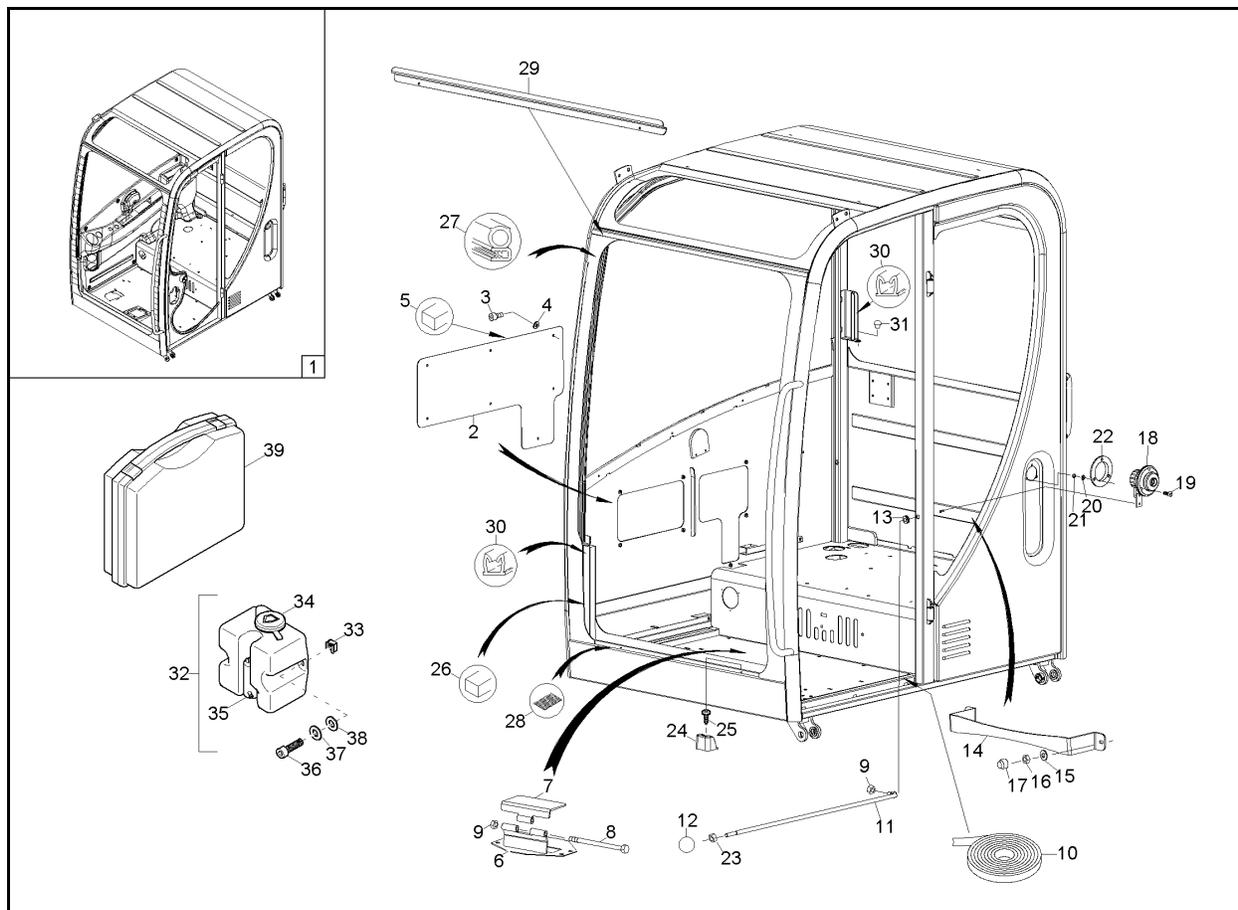
# 603 - CAB

1000144050 - (SN AC02988 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204084	CAB*	1	24	1423414G	COLLAR	2
2	178025	COVER SIDEWALL RT	1	25	162031	SCREW	4
3	201719	FHCS M6 X 12	7	26	205603	FOAM RUBBER/BLACK 10 X 15MM (1.9M)	1
4	162924	WASHER	7	27	204168	RUBBER PROFILE (1.0M)	1
5	206155	TESAMOL (2.1 M)	1	28	206797	SEAL STRAP (1.0M)	1
6	178027	ADAPTER PLATE	1	29	206879	CLAMP SHOE	1
7	178028	FLAP FOOTREST	1	30	206799	WINDOW SEAL (1.0M)	2
8	162870	SCREW	1	31	164686	RUBBER PLUG	2
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2	32	177821	WINDSHIELD WASHER RESERVOIR	1
10	206156	ANTI-SLIDE STRIP (0.7M)	1	33	161611	NUT/CAGE M5	2
11	178029	ANTI-LOCK ROD	1	34	178075	LOCKING CAP	1
12	178030	BALL HEAD	1	35	178074	PUMP/WASHTANK	1
13	178036	RUBBER SLEEVE	1	36	651504	SHCS M5-0.8 X 16 C8.8 ZY DIN912	2
14	178031	BRACKET	1	37	161674	LOCKWASHER S16	2
15	162924	WASHER	2	38	161665	WASHER/GR A 5.3	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	39	177495	DOCUMENTS BOX	1
17	162737	COVER	2	40	206427	BRACKET RT	2
18	178032	DOOR LATCH	1	41	206428	GROOVED SCREW	1
19	178034	SCREW	3	42	165215	RUBBER BUFFER	2
20	162925	WASHER	3	43	206429	SHCS	2
21	651456	LN INS M5-0.8 C8 ZY DIN6924	3				
22	178033	RUBBER DISC	1				
23	9901152G	NUT	1				

\* Contact Gehl Service for items included with 204084 cab.

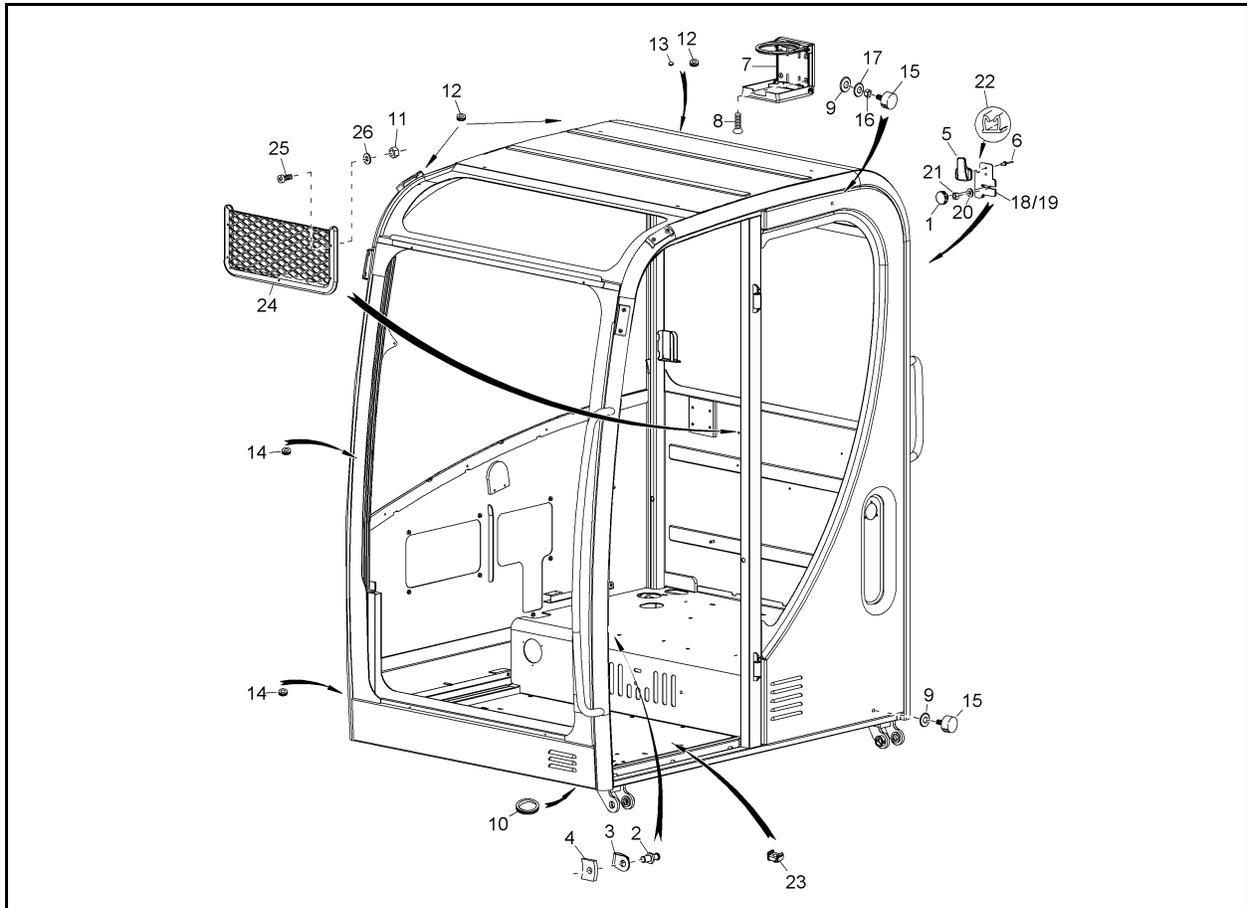


Ref. No.	Part No.	Description	Qty.
1	204084	CAB*	1
2	178025	COVER SIDEWALL RT	1
3	162860	SCREW	7
4	162924	WASHER	7
5	206155	TESAMOL (2.1M)	1
6	178027	ADAPTER PLATE	1
7	178028	FLAP FOOTREST	1
8	162870	SCREW	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2
10	206156	ANTI-SLIDE STRIP (0.7M)	1
11	178029	ANTI-LOCK ROD	1
12	178030	KNOB	1
13	178036	RUBBER SLEEVE	1
14	178031	BRACKET	1
15	162924	WASHER	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2
17	162737	COVER	2
18	178032	DOOR LATCH	1
19	178034	SCREW	3
20	162925	WASHER	3
21	651456	LN INS M5-0.8 C8 ZY DIN6924	3

Ref. No.	Part No.	Description	Qty.
22	178033	RUBBER DISC	1
23	9901152G	NUT	1
24	1423414G	COLLAR	2
25	162031	SCREW	4
26	205603	FOAM RUBBER/BLACK 10 X 15MM (1.9M)	2
27	204168	RUBBER PROFILE (1.0M)	1
28	206797	SEAL STRAP (1.0M)	1
29	178035	RAIL	1
30	206799	WINDOW SEAL (1.0M)	2
31	164686	RUBBER PLUG	2
32	177821	WINDSHIELD WASHER RESERVOIR	1
33	161611	NUT/CAGE M5	2
34	178075	LOCKING CAP	1
35	178074	PUMP WASHTANK	1
36	651504	SHCS M5-0.8 X 16 C8.8 ZY DIN912	2
37	161674	LOCKWASHER S16	2
38	161665	WASHER/GR A 5.3 ZO	2
39	177495	DOCUMENTS BOX	1

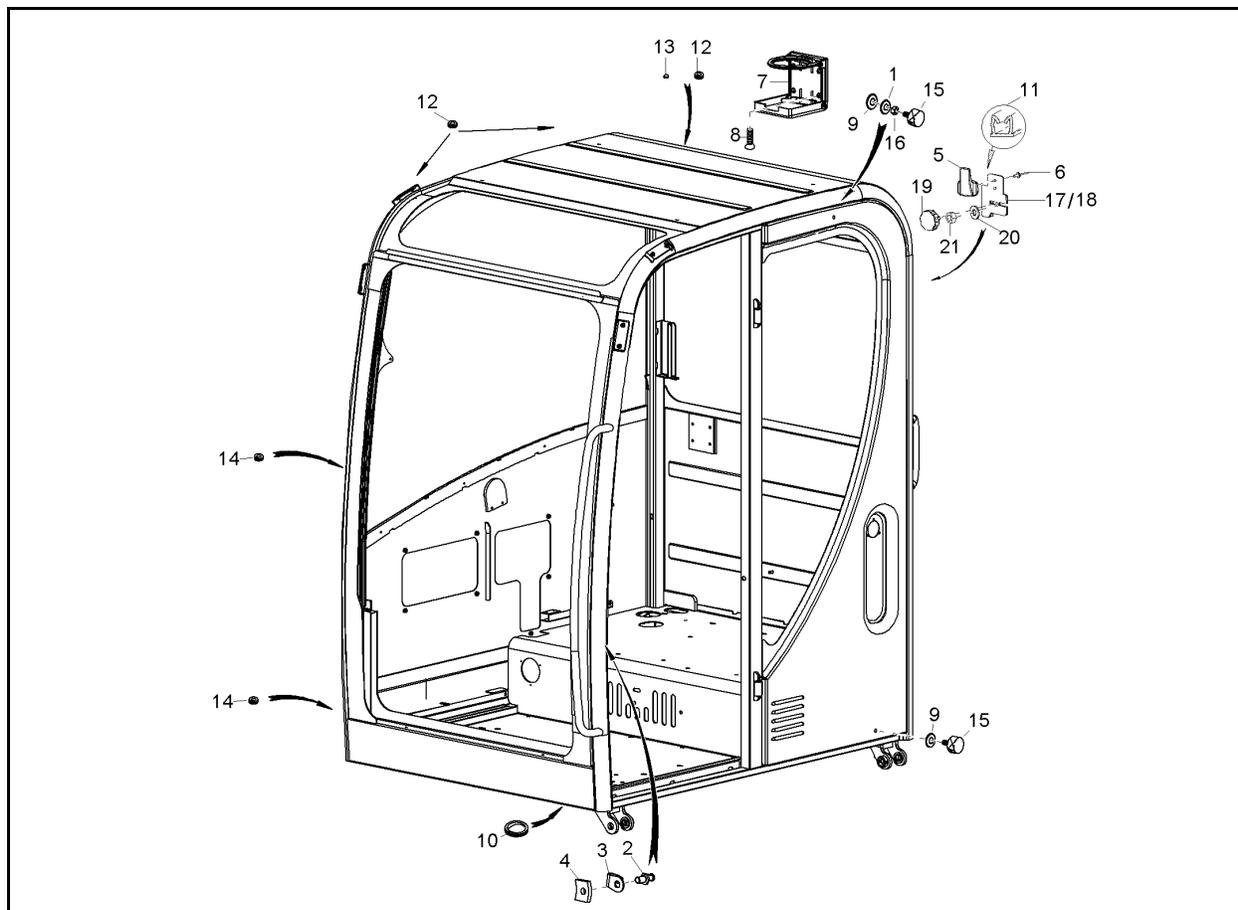
\* Contact Gehl Service for items included with 204084 cab.

**603 - CAB FRAME TRIM**  
**1000180015 - (SN AH00645 AND UP)**



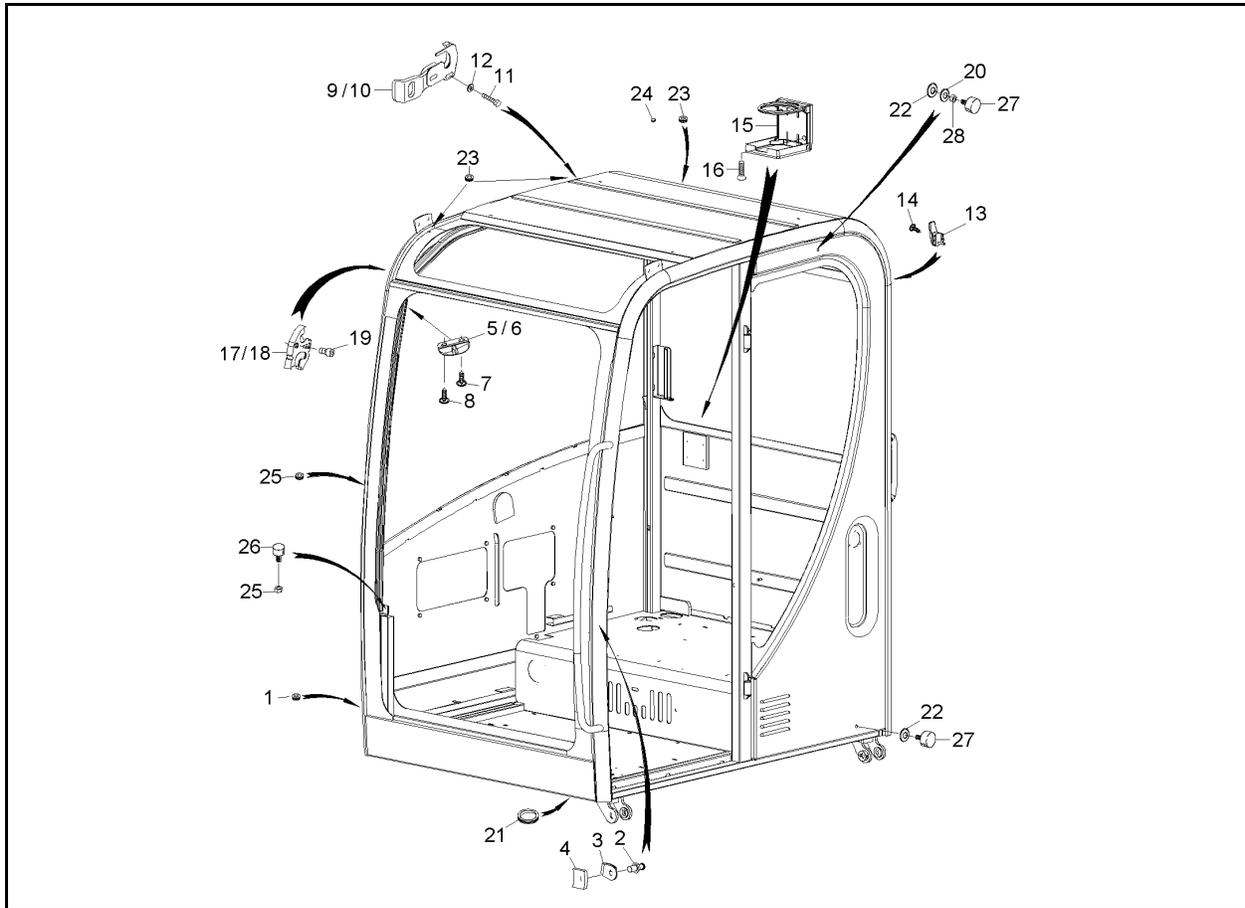
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206428	GROOVED SCREW	2	14	1424420G	RUBBER BUSHING	2
2	161921	PIN	1	15	165215	RUBBER BUFFER	2
3	164771	BRACKET	1	16	9901152G	NUT	1
4	164678	PLATE	1	17	162812	WASHER	1
5	178040	CLOTH HOOK	1	18	205150	BRACKET LT	1
6	205694	RIVET	1	19	206427	BRACKET RT	1
7	204906	BOTTLE BRACKET	1	20	162924	WASHER	2
8	203549	COUNTERSUNK SCREW	4	21	651457	LN INS M6-1 C8 ZY DIN6924	2
9	160639	RUBBER WASHER	2	22	205054	WINDOW SEAL (0.2M)	1
10	178037	HOSE SLEEVE	1	23	202538	CAGE NUT	16
11	161402	NUT	5	24	201706	GRATE	1
12	162797	PLUG	7	25	202539	OVALHEAD SCREW	5
13	164677	PLUG	2	26	202540	WASHER	5

**603 - CAB FRAME TRIM**  
**1000143232 - (SN AC02988 - AD07207)**



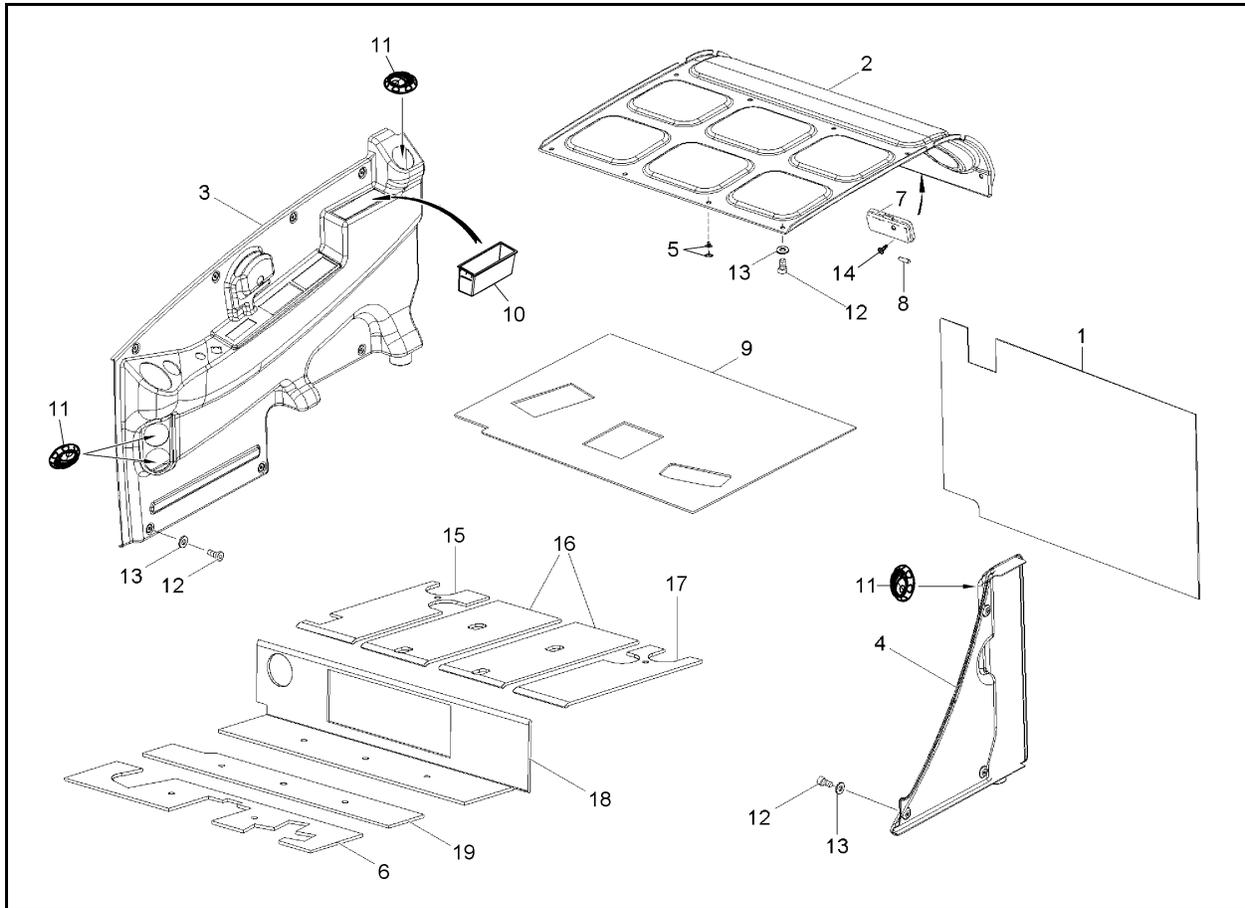
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162812	WASHER	1	12	162797	PLUG	7
2	161921	PIN	1	13	164677	PLUG	2
3	164771	BRACKET	1	14	1424420G	RUBBER BUSHING	2
4	164678	PLATE	1	15	165215	RUBBER BUFFER	2
5	178040	CLOTH HOOK	1	16	9901152G	NUT	1
6	205694	RIVET	1	17	205150	BRACKET LT	1
7	204906	BOTTLE BRACKET	1	18	206427	BRACKET RT	1
8	178044	SINKSCREW	4	19	206428	GROOVED SCREW	2
9	160639	RUBBER WASHER	2	20	162924	WASHER	2
10	178037	HOSE SLEEVE	1	21	651457	LN INS M6-1 C8 ZY DIN6924	2
11	205054	WINDOW SEAL (0.2M)	1				

**603 - CAB FRAME TRIM**  
**1000126115 - (SN AC02513 - AC02987)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424420G	RUBBER BUSHING	2	17	178042	LOCKING RT	1
2	161921	PIN	1	18	178045	LOCKING LT	1
3	164771	BRACKET	1	19	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	2
4	164678	PLATE	1	20	162812	WASHER (Cab SN 50623 and up)	1
5	178038	LOCK FRONT LT	1	21	178037	HOSE SLEEVE	1
6	178039	LOCK FRONT RT	1	22	160639	RUBBER WASHER (Cab SN 50623 and up)	2
7	162029	SCREW	2	23	162797	PLUG	7
8	162031	SCREW	2	24	164677	PLUG	2
9	164680	BRACKET RT	1	25	656047	HN M6-1 C8 ZY DIN934 (Cab SN 50623 and up)	2
10	164679	BRACKET LT	1	26	208218	RUBBER BUFFER (Cab SN 50623 and up)	2
11	656128	CS M6-1 X 30 C8.8 ZY DIN931	4	27	165215	RUBBER BUFFER (Cab SN 50623 and up)	2
12	178043	WASHER	4	28	9901152G	NUT (Cab SN 50623 and up)	1
13	178040	CLOTH HOOK	1				
14	162036	SCREW	1				
15	204906	BOTTLE BRACKET	1				
16	178044	SINKSCREW	4				

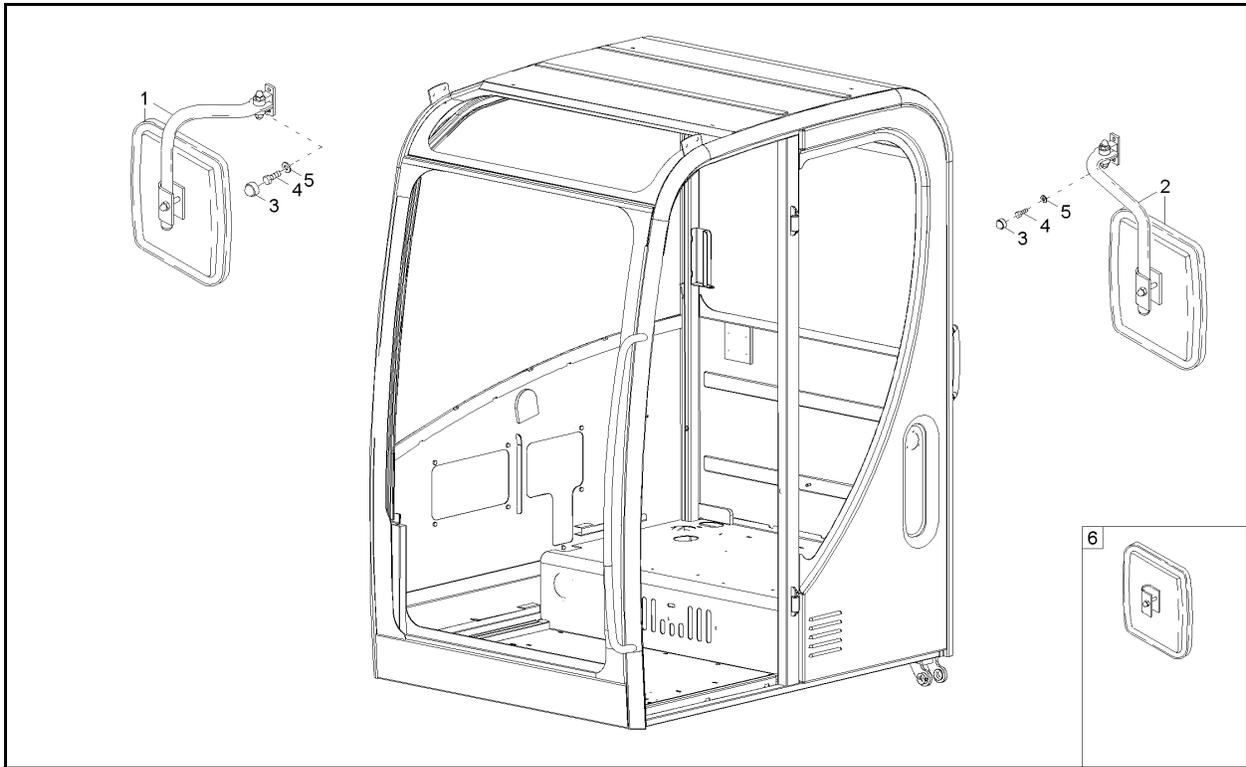
**603 - CAB TRIM**  
**1000126107 & 1000180385**



Ref. No.	Part No.	Description	Qty.
1	202544	REAR PLATE TRIM	1
2	177490	ROOF TRIM	1
3	203432	COVER MAT RT (SN AH00645 and up)	1
	177489	COVER MAT RT (SN AC02513 - AD07207)	1
4	177721	COVER MAT LT	1
5	164689	RIVET 11MM	6
6	208217	ISOLATION MAT	1
7	160488	DOME LIGHT	1
8	164182	BULB	1
9	208211	FLOOR RUBBER MAT (Cab SN 51638 and up)	1
	177574	FLOOR RUBBER MAT (Cab SN 51637 and before)	1
10	201720	TRAY	1

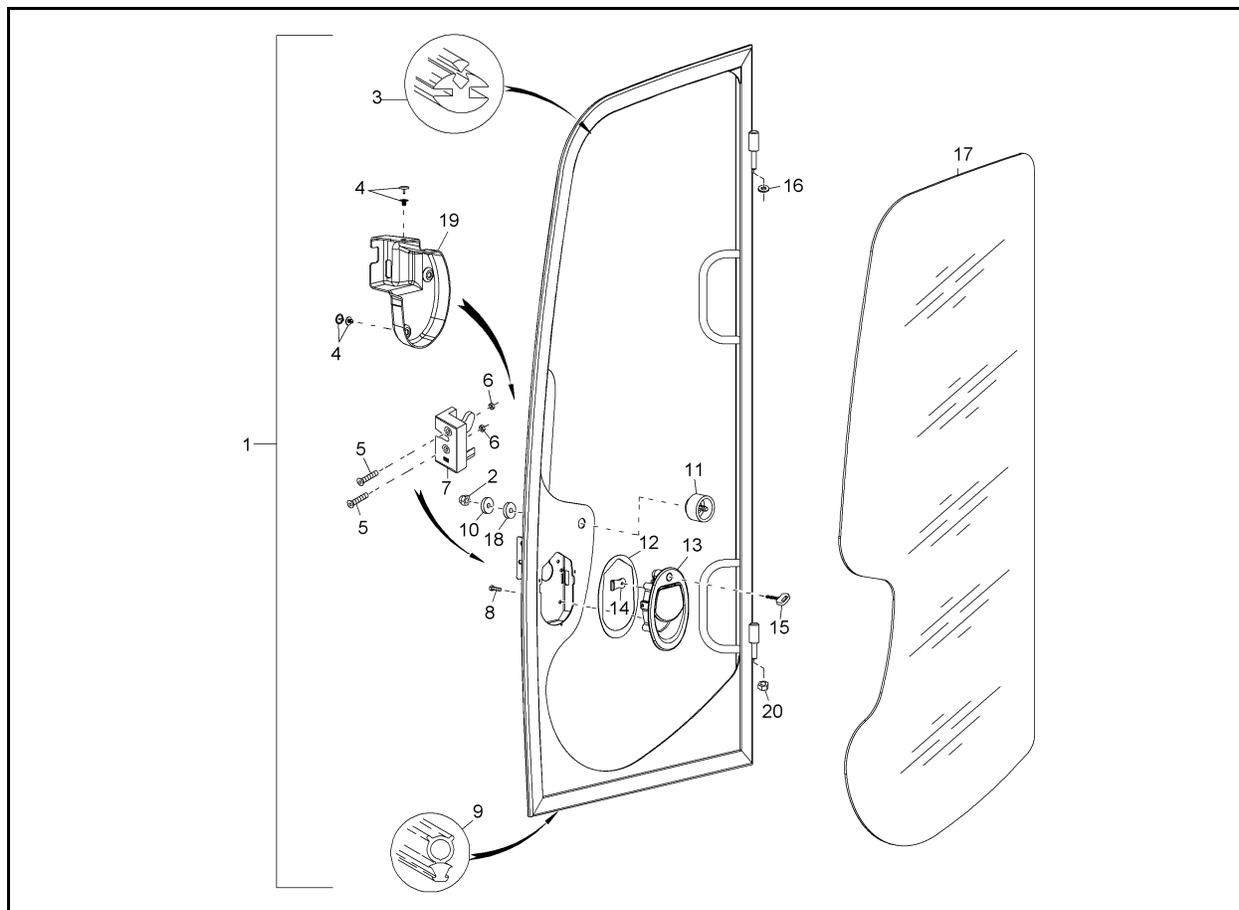
Ref. No.	Part No.	Description	Qty.
11	177655	AIR NOZZLE	4
12	201719	FHCS M6 X 12	16
13	204199	WASHER	16
14	162035	SCREW	2
15	208212	ISOLATION MAT	1
16	208213	ISOLATION MAT	2
17	208214	ISOLATION MAT	1
18	203433	ISOLATION MAT (SN AH00645 and up)	1
	208215	ISOLATION MAT (SN AC02513 - AD07207)	1
19	203434	ISOLATION MAT (SN AH00645 and up)	1
	208216	ISOLATION MAT (SN AC02513 - AD07207)	1

**603 - CAB MIRRORS**  
**1000131957**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	163213	MIRROR RT	1	4	656149	CS M6-1 X 16 C8.8 ZY DIN931	4
2	162607	MIRROR LT	1	5	162924	WASHER	4
3	162737	COVER	4	6	178890	MIRROR	2

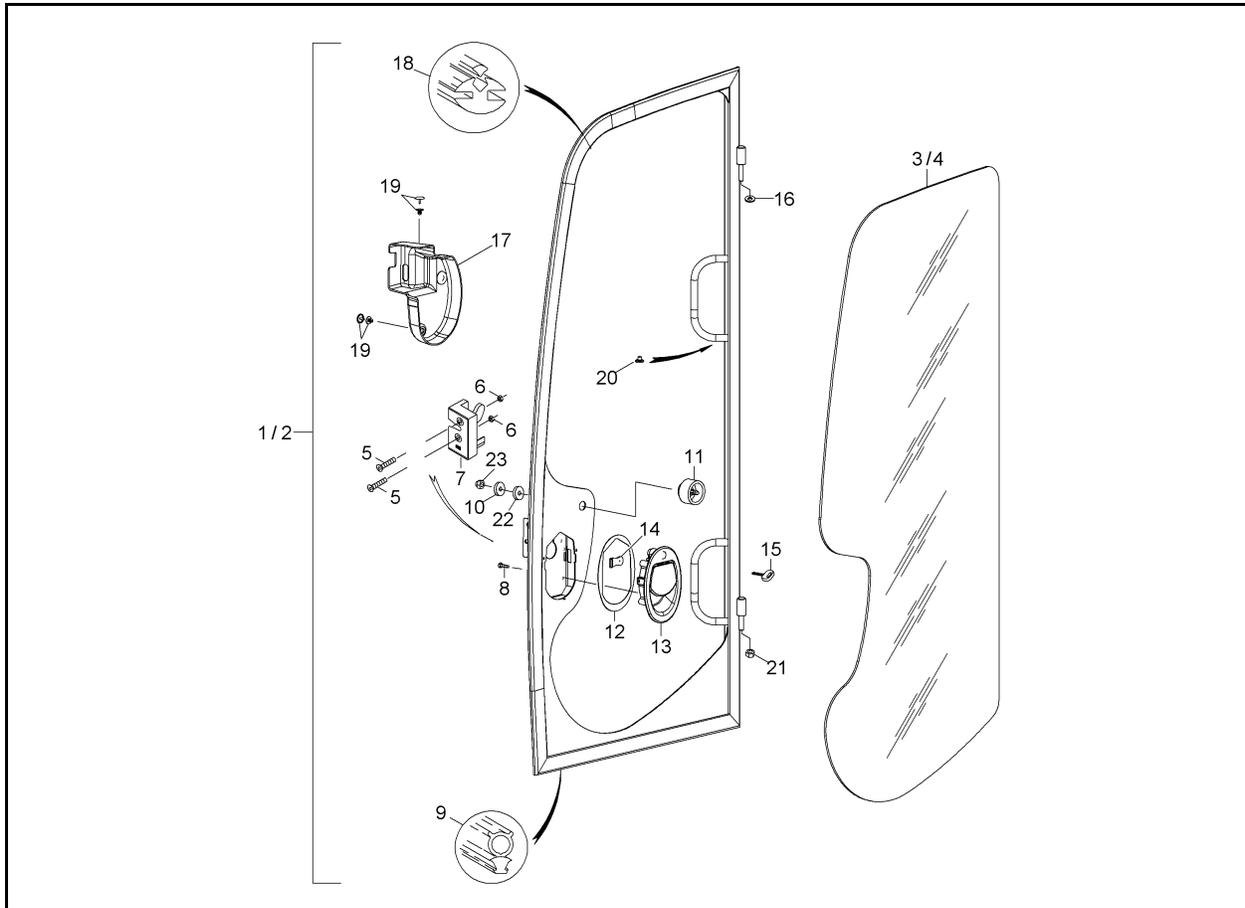
**603 - CAB DOOR**  
**1000180382 - (SN AH00645 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177611	CAB DOOR COMPLETE	1	12	1424432G	SHIM	AR
2	161618	NUT/HEX DOMED CAP M8	1	13	1424431G	HANDLE W/O KEY	1
3	206136	RUBBER PROFILE (4.3M)	1	14	1424433G	KEY BUTTON	1
4	164689	RIVET 11MM	3	15	101792	KEY*	2
5	162864	SCREW	2	16	164688	WASHER	2
6	651458	LN INS M8-1.25 C8 ZY DIN6924	2	17	177505	DOOR WINDOW	1
7	160525	LATCH	2	18	160639	RUBBER WASHER	1
8	656092	CS M6-1 X 12 C8.8 ZY DIN931	2	19	208219	COVERING	1
9	206834	SEALING PROFILE (4.3M)	1	20	651448	LN INS M10-1.5 C8 ZY DIN6924	1
10	162812	WASHER	1				
11	178061	DOOR FASTENER	1				

\* Same key(s) to start engine and operate all locks on unit.

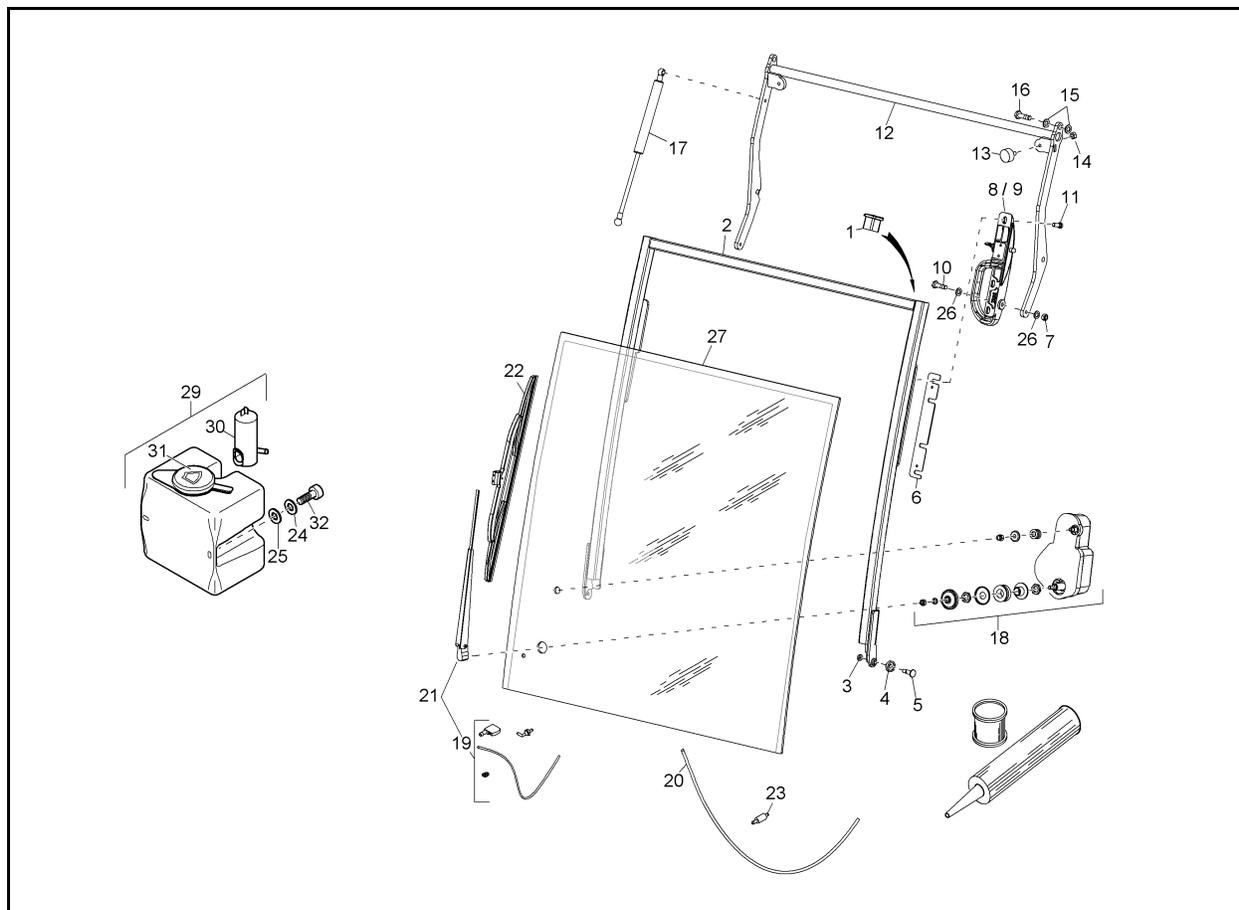
**603 - CAB DOOR**  
**1000126291 - (SN AC02513 - AD07207)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177611	CAB DOOR COMPLETE	1	13	1424431G	HANDLE W/O KEY	1
2	177610	CAB DOOR COMPLETE W/WINDOW TINTED	1	14	1424433G	KEY BUTTON	1
3	177505	DOOR WINDOW	1	15	101792	KEY*	1
4	177609	DOOR WINDOW TINTED	1	16	164688	WASHER	2
5	162864	SCREW	2	17	208219	COVERING	1
6	651458	LN INS M8-1.25 C8 ZY DIN6924	2	18	206136	RUBBER PROFILE (4.3M)	1
7	160525	LATCH	2	19	164689	RIVET 11MM	3
8	656092	CS M6-1 X 12 C8.8 ZY DIN931	2	20	201760	PLUG	2
9	206834	SEALING PROFILE (4.3M)	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	1
10	178060	DISC	1	22	160639	RUBBER WASHER	1
11	178061	DOOR FASTENER	1	23	161618	NUT/HEX DOMED CAP M8	1
12	1424432G	SHIM	AR				

\* Same key(s) to start engine and operate all locks on unit.

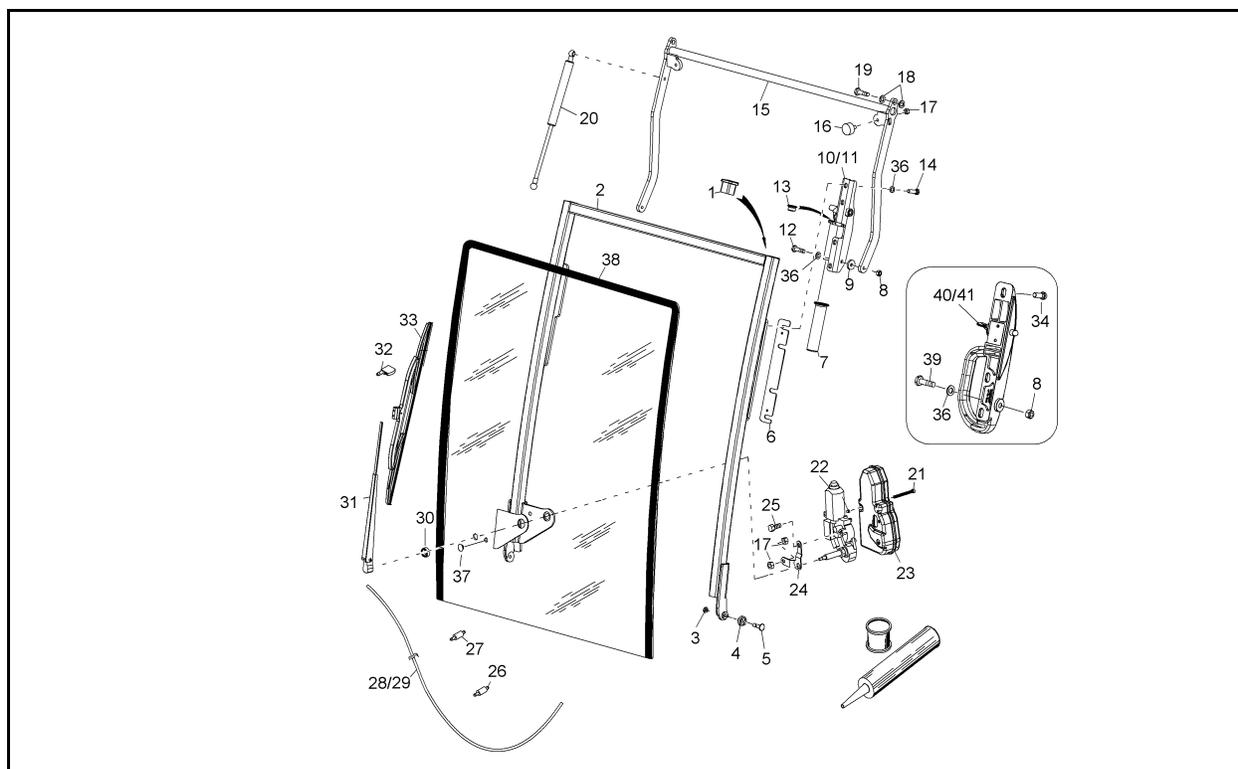
# 603 - CAB WINDSHIELD 1000180082 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207419	PLUG	4	17	207439	GAS SHOCK	1
2	202541	GLASS FRAME	1	18	201765	WIPER MOTOR	1
3	9901152G	NUT	2	19	201766	CONNECTION KIT	1
4	177914	PVC ROLLER	2	20	207293	WATER HOSE (4.0M)	1
5	177915	CATCH BOLT	2	21	201767	WIPER ARM	1
6	207421	PLATE	2	22	201768	WIPER BLADE	1
7	651458	LN INS M8-1.25 C8 ZY DIN6924	2	23	164673	NON RETURN VALVE	1
8	201762	LOCKING BRACKET RT	1	24	161674	LOCKWASHER S16	2
9	201763	LOCKING BRACKET LT	1	25	161665	WASHER/GR A 5.3	2
10	656002	CS M8-1.25 X 35 C8.8 ZY DIN931	2	26	161668	WASHER/GR A 8.4 ZO DIN134	4
11	201764	FHCS M8 X 16	6	27	202543	FRONT WINDOW	1
12	**	SUPPORT	1	29	177821	WINDSHIELD WASHER RESERVOIR	1
13	205932	RUBBER BUMPER	2	30	178074	PUMP WASHTANK	1
14	656048	HN M8-1.25 C8 ZY DIN934	4	31	178075	LOCKING CAP	1
15	164688	WASHER	4	32	651504	SHCS M5-0.8 X 16 C8.8 ZY DIN912	2
16	207428	HEX SCREW	2				

**\*\* Call for Availability**

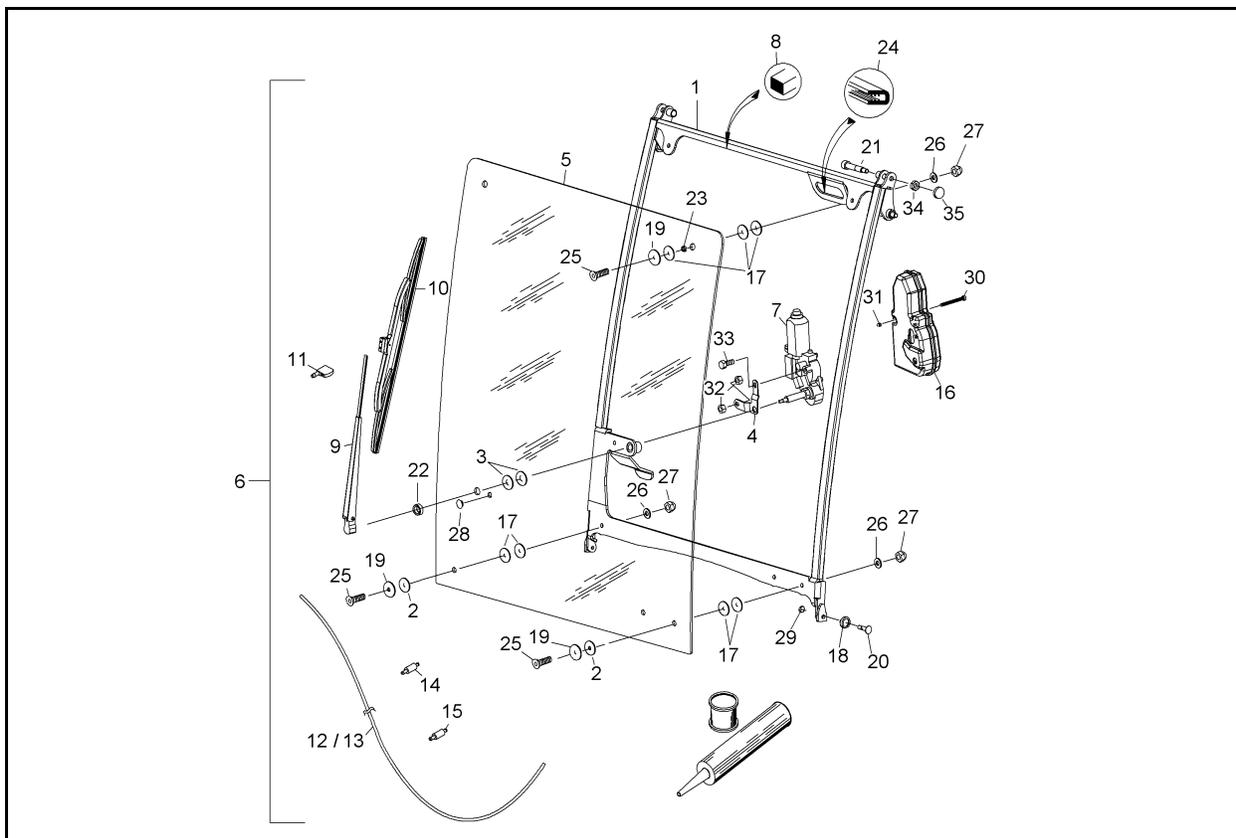
**603 - CAB WINDSHIELD**  
**1000143259 - (SN AC02988 - AD07207)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207419	PLUG	4	21	207430	CARRIAGE BOLT	2
2	207420	FRONT WINDOW FRAME	1	22	178053	WIPER MOTOR	1
3	9901152G	NUT	2	23	165159	COVER	1
4	177914	PVC ROLLER	2	24	165168	BAR LOCK	1
5	177915	CATCH BOLT	2	25	651430	CS M8-1.25 X 12 C8.8 ZY DIN931	1
6	207421	PLATE	2	26	164673	NON-RETURN VALVE	1
7	207422	HANDLE	2	27	161847	CONNECTOR	1
8	651458	LN INS M8-1.25 C8 ZY DIN6924	2	28	206835	WATER HOSE (1.35M)	1
9	207423	SHIM (SN AC02988 - AD06526)	AR	29	207293	WATER HOSE (4.0M)	1
10	207424	LOCKING BRACKET RT (SN AC02988 - AD06526)	1	30	207433	SHIM	AR
11	207425	LOCKING BRACKET LT (SN AC02988 - AD06526)	1	31	1424418G	WIPER ARM	1
12	656094	CS M8-1.25 X 30 C8.8 ZY DIN931 (SN AC02988 - AD06526)	2	32	161087	NOZZLE	1
13	207426	PIPE PLUG (SN AC02988 - AD06526)	2	33	1424419G	WIPER BLADE	1
14	177648	HEX SCREW (SN AC02988 - AD06526)	8	34	201764	FHCS M8 X 16 (SN AD06527 - AD07207)	6
15	206884	SUPPORT	1	36	161668	WASHER/GR A 8.4 ZO DIN134	10
16	205932	RUBBER BUMPER	2	37	1424420G	RUBBER BUSHING	1
17	656048	HN M8-1.25 C8 ZY DIN934	4	38	207435	FRONT WINDOW	1
18	164688	WASHER	4		207436	FRONT WINDOW TINTED	1
19	207428	HEX SCREW	2	39	656002	CS M8-1.25 X 35 C8.8 ZY DIN931 (SN AD06527 - AD07207)	2
20	207439	GAS SHOCK	1	40	201762	LOCKING BRACKET RT (SN AD06527 - AD07207)	1
				41	201763	LOCKING BRACKET LT (SN AD06527 - AD07207)	1

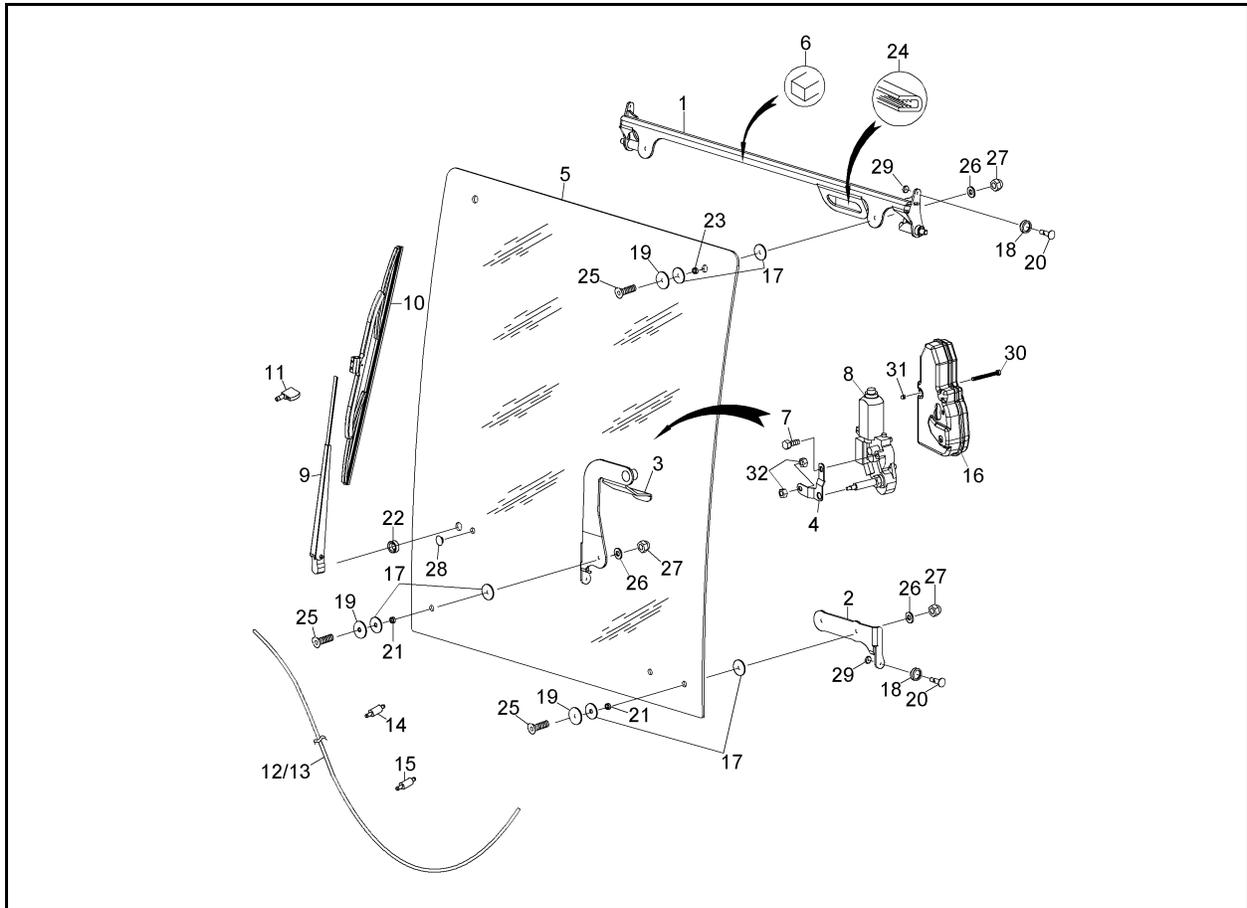
# 603 - CAB WINDSHIELD

## 1000125031A - (SN AC02700 - AC02987)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176929	FRONT WINDOW FRAME	1	19	1423440G	WASHER	5
2	160640	RUBBER WASHER	2	20	177915	CATCH BOLT	2
3	176928	RUBBER DISC	2	21	176926	SET SCREW	2
4	165168	BAR LOCK	1	22	177917	SPACER	1
5	177201	FRONT WINDOW	1	23	176925	RUBBER SLEEVE	2
	178103	FRONT WINDOW TINTED	1	24	206836	EDGE GUARD (0.25M)	1
7	178053	WIPER MOTOR	1	25	9901392G	SCREW	5
8	207167	FOAM STRIP (3.6M)	1	26	161668	WASHER/GR A 8.4 ZO DIN134	5
9	1424418G	WIPER ARM	1	27	161618	NUT/HEX DOMED CAP M8	5
10	1424419G	WIPER BLADE	1	28	1424420G	RUBBER BUSHING	1
11	161087	NOZZLE	1	29	9901152G	NUT	2
12	206835	WATER HOSE (1.35M)	1	30	207430	CARRIAGE BOLT	2
13	207293	WATER HOSE (4.0M)	1	31	165948	NUT	2
14	164673	NON RETURN VALVE	1	32	656048	HN M8-1.25 C8 ZY DIN934	2
15	161847	CONNECTOR	1	33	651430	CS M8-1.25 X 12 C8.8 ZY DIN931	1
16	165159	COVER	1	34	177219	HEXAGON NUT	2
17	160639	RUBBER WASHER	12	35	176930	WASHER	2
18	177914	PVC ROLLER	2				

**603 - CAB WINDSHIELD**  
**1000125031B - (SN AC02513 - AC02699)**

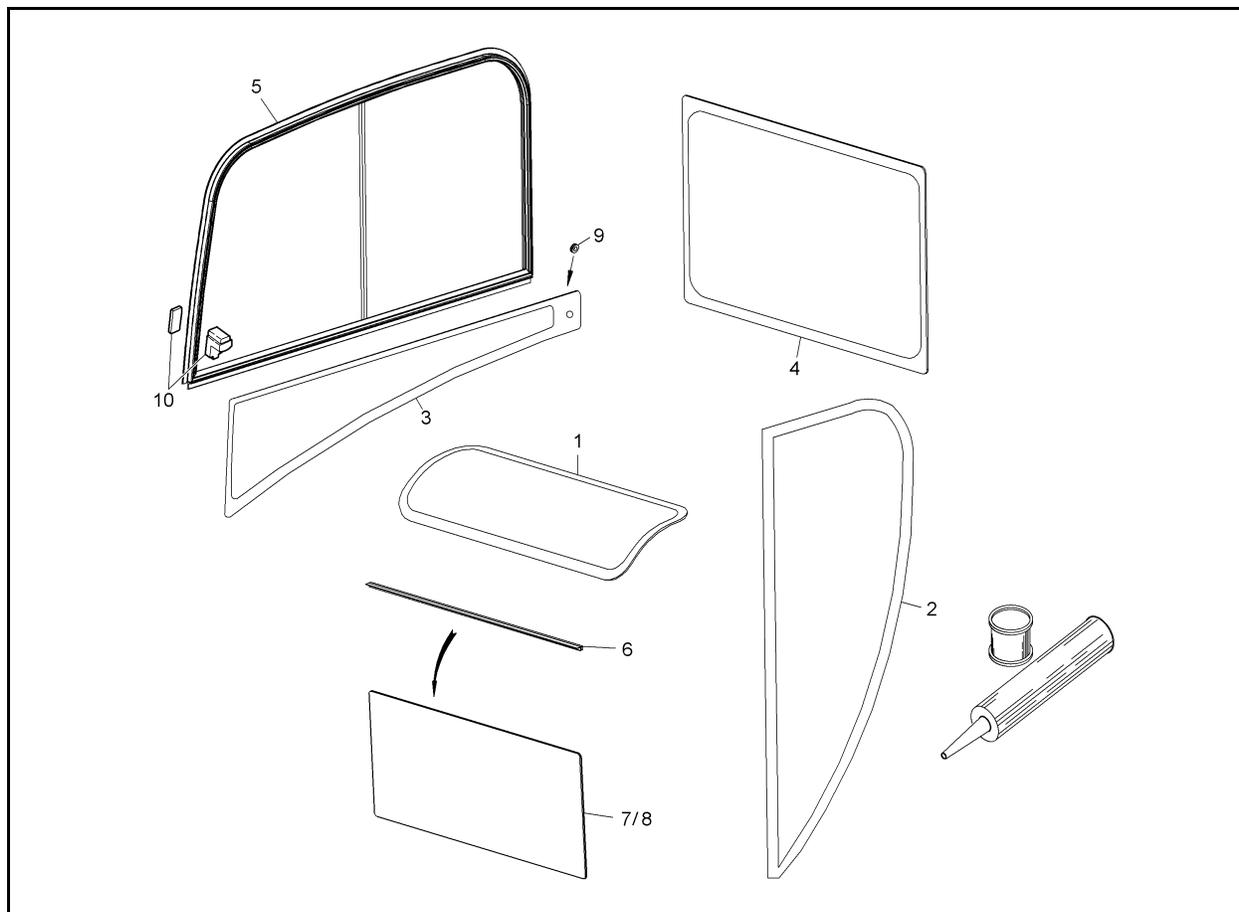


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BRACKET	1	17	160639	RUBBER WASHER	12
2	*	BRACKET LT	1	18	177914	PVC ROLLER	4
3	*	BRACKET RT	1	19	1423440G	WASHER	5
4	165168	BAR LOCK	1	20	177915	CATCH BOLT	4
5	177201	FRONT WINDOW	1	21	177916	SPACER	3
	178103	FRONT WINDOW TINTED	1	22	177917	SPACER	1
6	207166	TAPE (1.0M)	1	23	177918	SPACER	2
7	651430	CS M8-1.25 X 12 C8.8 ZY DIN931	1	24	206836	EDGE GUARD (0.25M)	1
8	178053	WIPER MOTOR	1	25	651466	SCREW	5
9	1424418G	WIPER ARM	1	26	161668	WASHER/GR A 8.4 ZO DIN134	5
10	1424419G	WIPER BLADE	1	27	161618	NUT/HEX DOMED CAP M8	5
11	161087	NOZZLE	1	28	1424420G	RUBBER BUSHING	1
12	206835	WATER HOSE (1.35M)	1	29	9901152G	NUT	4
13	207293	WATER HOSE (4.00M)	1	30	207430	CARRIAGE BOLT	2
14	164673	NON-RETURN VALVE	1	31	165948	NUT	2
15	161847	CONNECTION	1	32	656048	HN M8-1.25 C8 ZY DIN934	2
16	165159	COVER	1				

\* Order part #206860 for service.

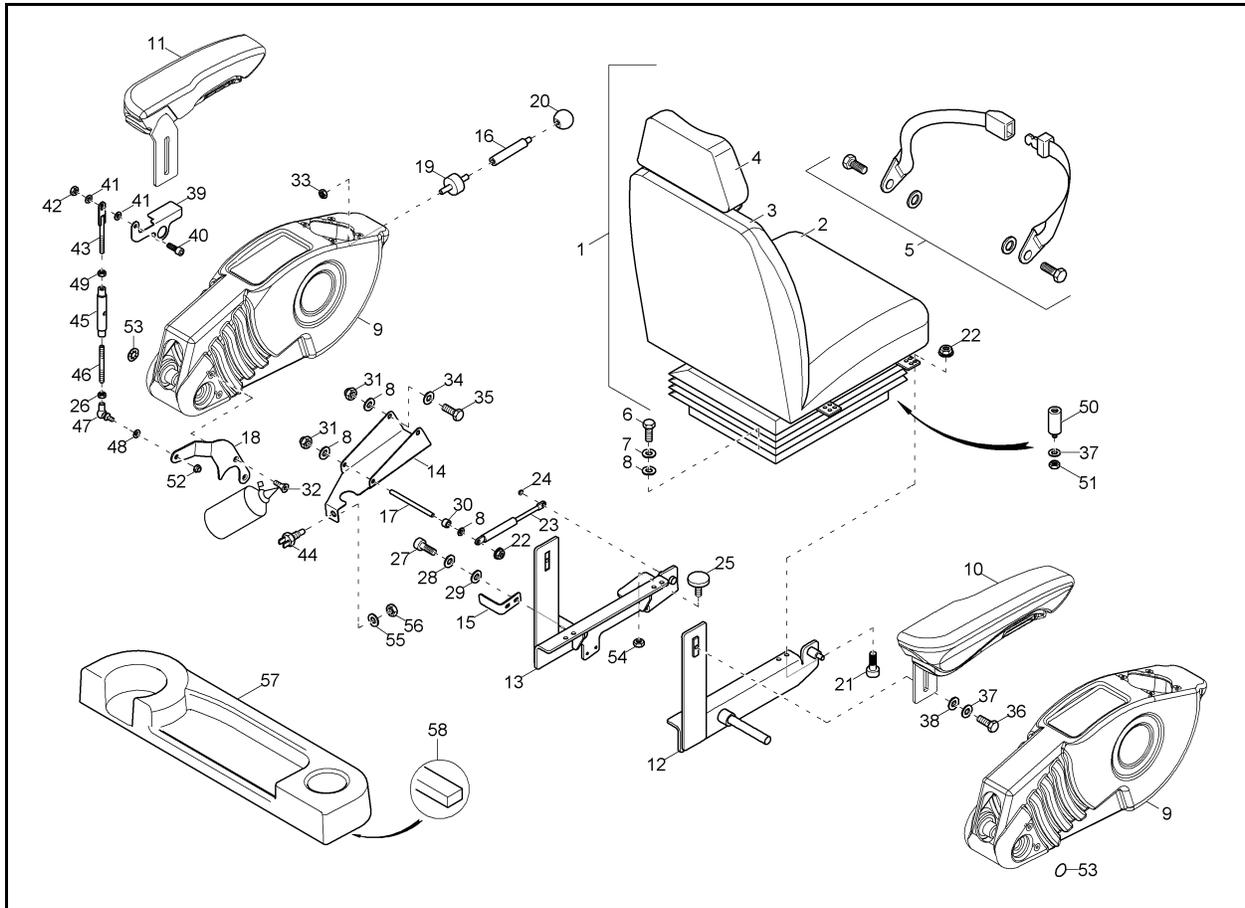
# 603 - CAB WINDOWS (EXCEPT WINDSHIELD)

1000126226 & 1000180381



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206432	FRONT WINDOW/TOP (SN AC02988 and up)	1	6	178059	STRAP	1
	177865	FRONT WINDOW/TOP (SN AC02513 - AD02987)	1	7	206979	FRONT WINDOW/LOWER (SN AC02988 and up)	1
2	177868	SIDEPANE LT	1		177866	FRONT WINDOW/LOWER (SN AC02513 - AD02987)	1
	177779	SIDEPANE LT TINTED (SN AC02513 - AD07207)	1	8	206953	FRONT WINDOW/LOWER TINTED (SN AC02988 - AD07207)	1
3	205555	SIDEPANE RT	1		177777	FRONT WINDOW/LOWER TINTED (SN AC02513 - AD02987)	1
	205554	SIDEPANE RT TINTED (SN AC02513 - AD07207)	1	9	162797	PLUG	1
4	177867	REAR WINDOW	1	10	164684	LOCK	1
	177780	REAR WINDOW TINTED (SN AC02513 - AD07207)	1				
5	177576	SLIDING WINDOW COMPLETE	1				
	177577	SLIDING WINDOW COMPLETE TINTED (SN AC02513 - AD07207)	1				

# 603 - OPERATOR'S SEAT 1000180359 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162738	OPERATOR'S SEAT (CLOTH)	1	21	651516	SHCS M8-1.25 X 25 C8.8 ZY DIN912	8
2	177448	SEAT UPHOLSTERY	1	22	165952	NUT	9
3	177458	CUSHION	1	23	160611	SPRING	1
4	177457	NECK SUPPORT	1	24	161848	LOCKWASHER	1
5	207060	SEAT BELT/2" RETRACTABLE	1	25	1429414G	ELEVATION ADJUSTMENT	1
	809306	KIT/3" RETRACTABLE SEAT BELT	1	26	656048	HN M8-1.25 C8 ZY DIN934	3
6	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	4	27	162860	SCREW	2
7	163670	LOCKWASHER	4	28	161675	LOCKWASHER S6	2
8	163634	WASHER	7	29	7462680008	WASHER	2
9	177884	CONTROL LEVER CARRIER	2	30	161805	TUBE	1
10	177826	ARMREST RT	1	31	161618	NUT/HEX DOMED CAP M8	2
11	177825	ARMREST LT	1	32	651461	FHSCS M6-1 X 12 C8.8 ZY DIN7991	2
12	177895	CONSOLE BRACKET RT	1	33	651448	LN INS M10-1.5 C8 ZY DIN6924	1
13	177896	CONSOLE BRACKET LT	1	34	7462680011	WASHER 8.4 ST A2C	1
14	177960	STRUT	1	35	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	1
15	177961	ANGLE	1	36	656090	CS M10-1.5 X 16 C8.8 ZY DIN931	2
16	177969	LEVER	1	37	161669	LOCKWASHER S10	4
17	177972	PIN	1	38	161663	WASHER/GR A 10.5 ZO	2
18	177965	BRACKET	1	39	177039	BRACKET	1
19	177971	RUBBER STUD	1	40	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	1
20	161631	KNOB D40MM	1	41	161660	WASHER GR A6.4 ZO DIN 125	2

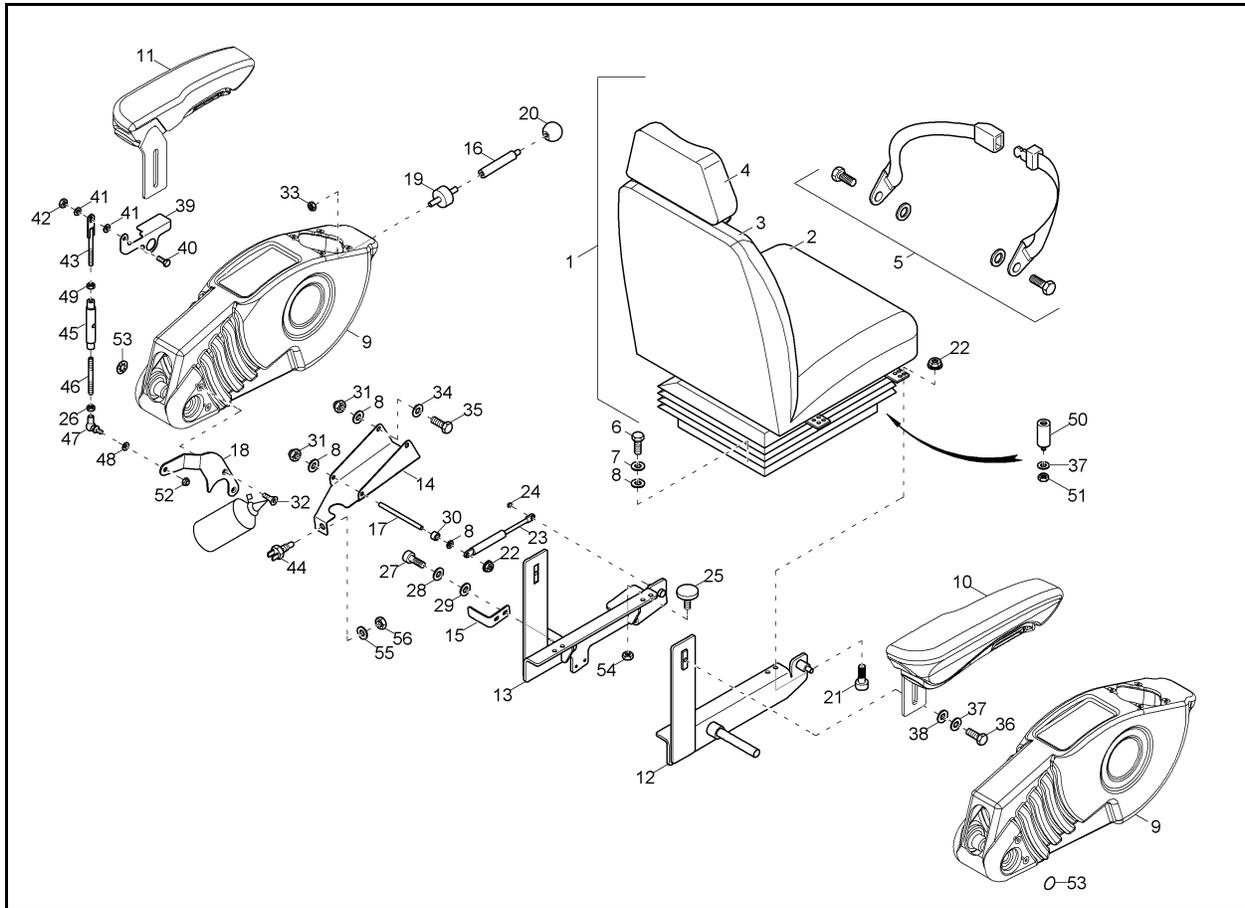
**603 - OPERATOR'S SEAT  
1000180359 - (SN AH00645 AND UP)**

Ref. No.	Part No.	Description	Qty.
42	651457	LN INS M6-1 C8 ZY DIN6924	1
43	177030	TENSION SCREW	1
44	164980	MICROSWITCH	1
45	177031	TENSION LOCKNUT	1
46	177029	THREAD ROD	1
47	162072	BALL AND SOCKET	1
48	161668	WASHER/GR A 8.4 ZO DIN134	1
49	177033	HEX NUT	1
50	164986	LIMIT	2

Ref. No.	Part No.	Description	Qty.
51	9902111G	HEX NUT	2
52	651458	LN INS M8-1.25 C8 ZY DIN6924	1
53	161730	PLUG	2
54	656102	HN M10-1.25 F8 ZY DIN934	1
55	164982	WASHER	1
56	164981	NUT	1
57	202545	TRIM	1
58	202554	ADHESIVE TAPE (1.2M)	1

# 603 - OPERATOR'S SEAT

## 1000126290 - (SN AC02513 - AC07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162738	OPERATOR'S SEAT (CLOTH)	1	21	651516	SHCS M8-1.25 X 25 C8.8 ZY DIN912	8
2	177448	SEAT UPHOLSTERY	1	22	165952	NUT	9
3	177458	CUSHION	1	23	160611	SPRING	1
4	177457	NECK SUPPORT	1	24	161848	LOCKWASHER	1
5	207060	SEAT BELT/2" RETRACTABLE	1	25	1429414G	ELEVATION ADJUSTMENT	1
	809306	KIT/3" RETRACTABLE SEAT BELT	1	26	656048	HN M8-1.25 C8 ZY DIN934	1
6	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	4	27	162860	SCREW	2
7	163670	LOCKWASHER	4	28	161675	LOCKWASHER S6	2
8	163634	WASHER	7	29	7462680008	WASHER	2
9	177884	CONTROL LEVER CARRIER	2	30	161805	TUBE	1
10	177826	ARMREST RT	1	31	161618	NUT/HEX DOMED CAP M8	2
11	177825	ARMREST LT	1	32	651461	FHSCS M6-1 X 12 C8.8 ZY DIN7991	2
12	177895	CONSOLE BRACKET RT	1	33	651448	LN INS M10-1.5 C8 ZY DIN6924	1
13	177896	CONSOLE BRACKET LT	1	34	7462680011	WASHER 8.4 ST A2C	1
14	177960	STRUT	1	35	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	1
15	177961	ANGLE	1	36	656090	CS M10-1.5 X 16 C8.8 ZY DIN931	2
16	177969	LEVER	1	37	161669	LOCKWASHER S10	4
17	177972	PIN	1	38	161663	WASHER/GR A 10.5 ZO	2
18	177965	BRACKET	1	39	177039	BRACKET	1
19	177971	RUBBER STUD	1	40	656149	CS M6-1 X 16 C8.8 ZY DIN931	1
20	161631	KNOB D40MM	1	41	161660	WASHER GR A6.4 ZO DIN 125	2

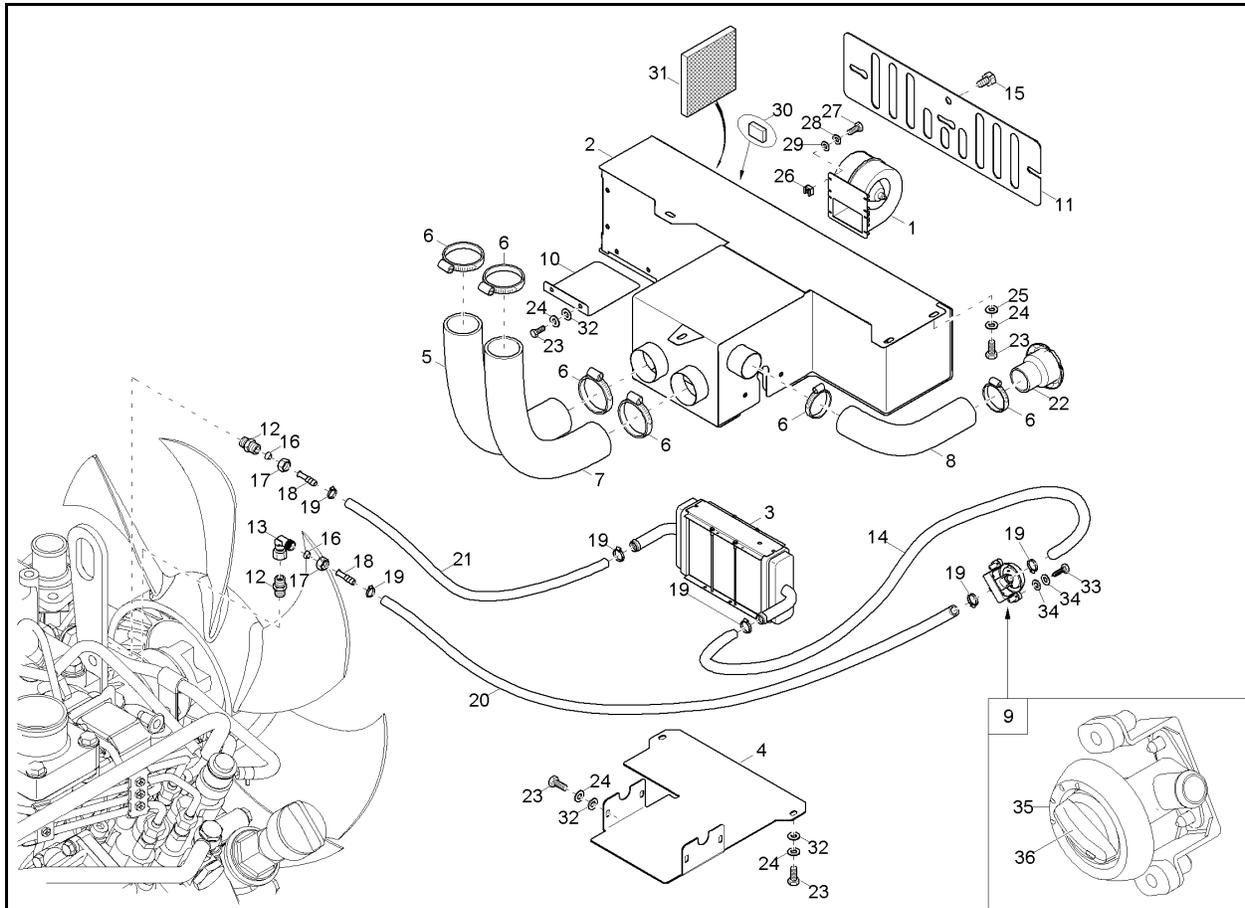
**603 - OPERATOR'S SEAT  
1000126290 - (SN AC02513 - AC07207)**

Ref. No.	Part No.	Description	Qty.
42	651457	LN INS M6-1 C8 ZY DIN6924	1
43	177030	TENSION SCREW	1
44	164980	MICROSWITCH	1
45	177031	TENSION LOCK NUT	1
46	177029	THREAD ROD	1
47	162072	BALL AND SOCKET	1
48	161668	WASHER/GR A 8.4 ZO DIN134	1
49	177033	HEX NUT	1

Ref. No.	Part No.	Description	Qty.
50	164986	LIMIT	2
51	9902111G	HEX NUT	2
52	651458	LN INS M8-1.25 C8 ZY DIN6924	1
53	161730	PLUG	2
54	656102	HN M10-1.25 F8 ZY DIN934	1
55	164982	WASHER	1
56	164981	NUT	1

# 603 - CAB HEATER

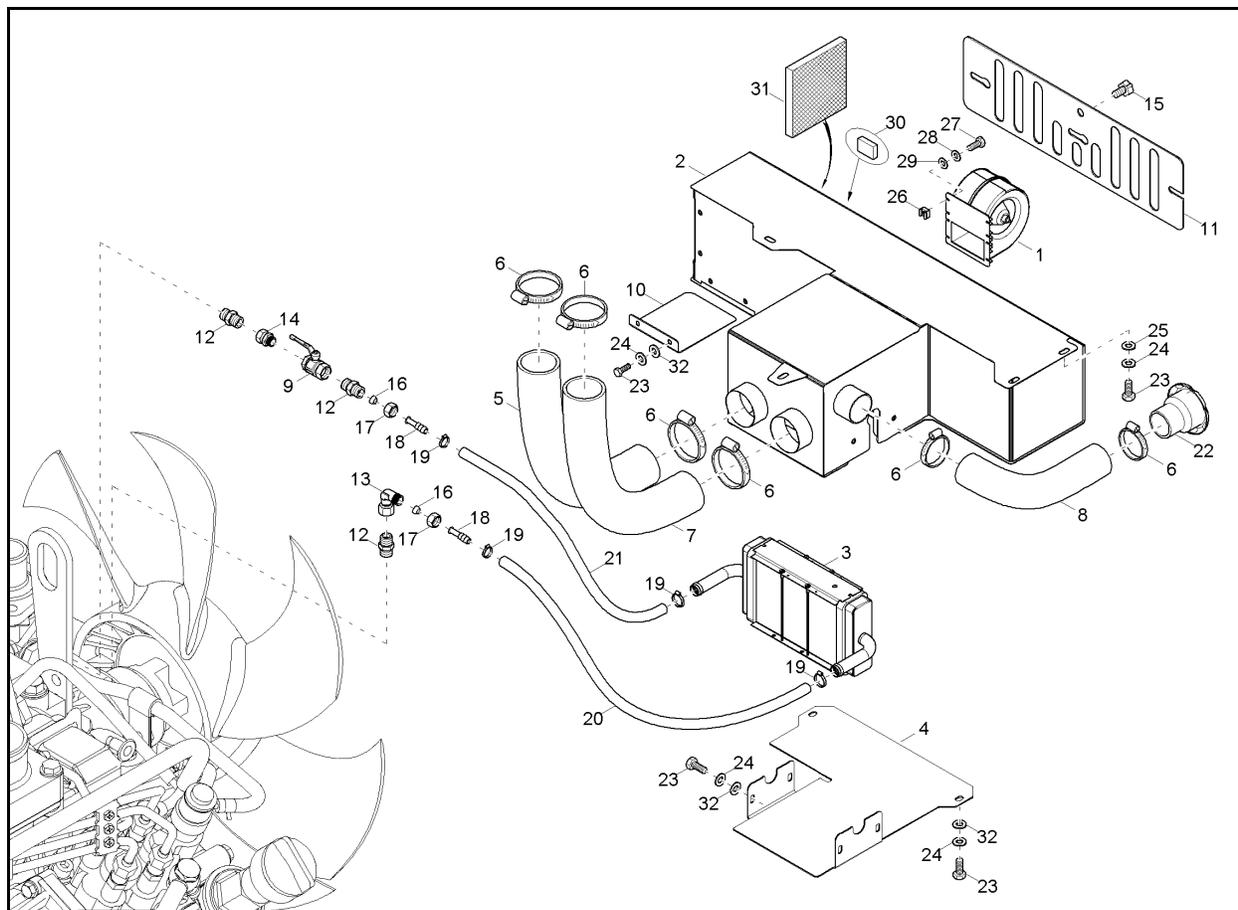
## 1000155675 - (SN AD04634 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177862	HEATER BLOWER	1	19	162064	HOSE CLAMP	6
2	177897	CONSOLE HEATER	1	20	205186	HEATER HOSE (5.0M)	1
3	177813	HEAT EXCHANGER	1	21	205186	HEATER HOSE (5.0M)	1
4	177901	COVER	1	22	177656	AIR NOZZLE	1
5	206838	AIR HOSE (0.75M)	1	23	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	12
6	162611	HOSE CLAMP	6	24	163670	LOCKWASHER	12
7	206838	AIR HOSE (0.75M)	1	25	7462680011	WASHER 8.4 ST A2C	4
8	206840	AIR HOSE (0.45M)	1	26	206433	CAGE NUT	6
9	205843	WATER VALVE	1	27	164908	SCREW	6
10	177787	SLIDE	1	28	161673	LOCKWASHER S4	6
11	177786	PERFORATED PLATE	1	29	161658	WASHER/GR A 4.3 ZO DIN125	6
12	161476	SCREW JOINT	2	30	206832	SEAL STRAP FOAM (2.0M)	1
13	161445	90° FITTING	1	31	177919	CABIN AIR FILTER	1
14	205609	HEATER HOSE (0.40M)	1	32	163634	WASHER	8
15	164983	KNOB M8 X 20	1	33	204966	HEX SCREW	2
16	161424	WASHER	2	34	161660	WASHER GR A6.4 ZO DIN 125	4
17	7788010663	NUT	2	35	205049	TRIM	1
18	160860	HOSE COVER	2	36	205050	KNOB	1

# 603 - CAB HEATER

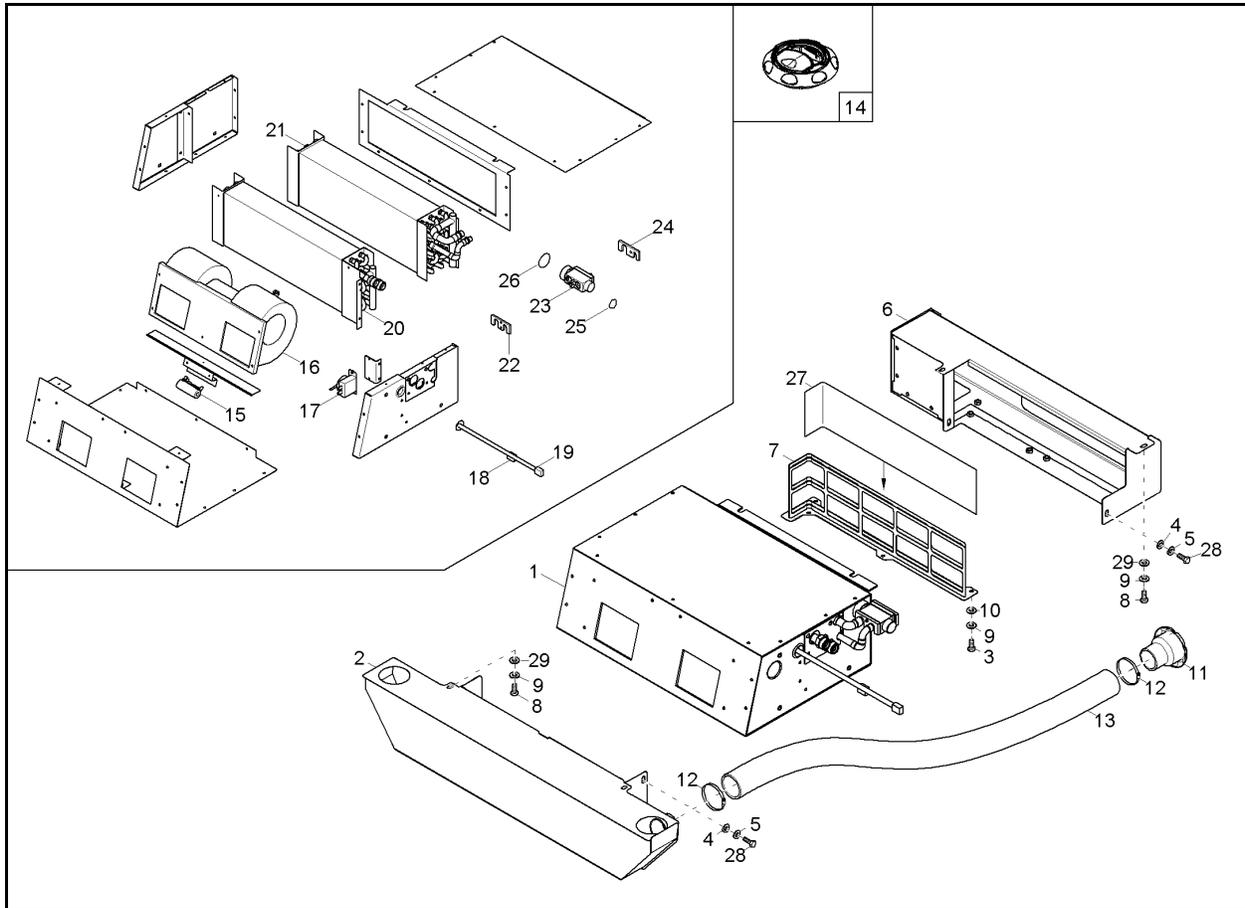
## 1000127010 - (SN AC02513 - AD04633)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177862	HEATER BLOWER	1	17	7788010663	NUT	2
2	177897	CONSOLE HEATER	1	18	160860	HOSE COVER	2
3	177813	HEAT EXCHANGER	1	19	162064	HOSE CLAMP	4
4	177901	COVER	1	20	205186	HEATER HOSE (5.0M)	1
5	206838	AIR HOSE (0.75M)	1	21	205186	HEATER HOSE (5.0M)	1
6	162611	HOSE CLAMP	6	22	177656	AIR NOZZLE	1
7	206838	AIR HOSE (0.75M)	1	23	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	12
8	206840	AIR HOSE (0.45M)	1	24	163670	LOCKWASHER	12
9	160950	BALL VALVE	1	25	7462680011	WASHER 8.4 ST A2C	4
10	177787	SLIDE	1	26	206433	CAGE NUT	6
11	177786	PERFORATED PLATE	1	27	164908	SCREW	6
12	161476	SCREW JOINT	3	28	161673	LOCKWASHER S4	6
13	161445	90° FITTING	1	29	161658	WASHER/GR A 4.3 ZO DIN125	6
14	161477	SCREW JOINT	1	30	206832	SEAL STRAP FOAM (2.0M)	1
15	164983	KNOB M8 X 20	1	31	177919	CABIN AIR FILTER	1
16	161424	WASHER	2	32	163634	WASHER	8

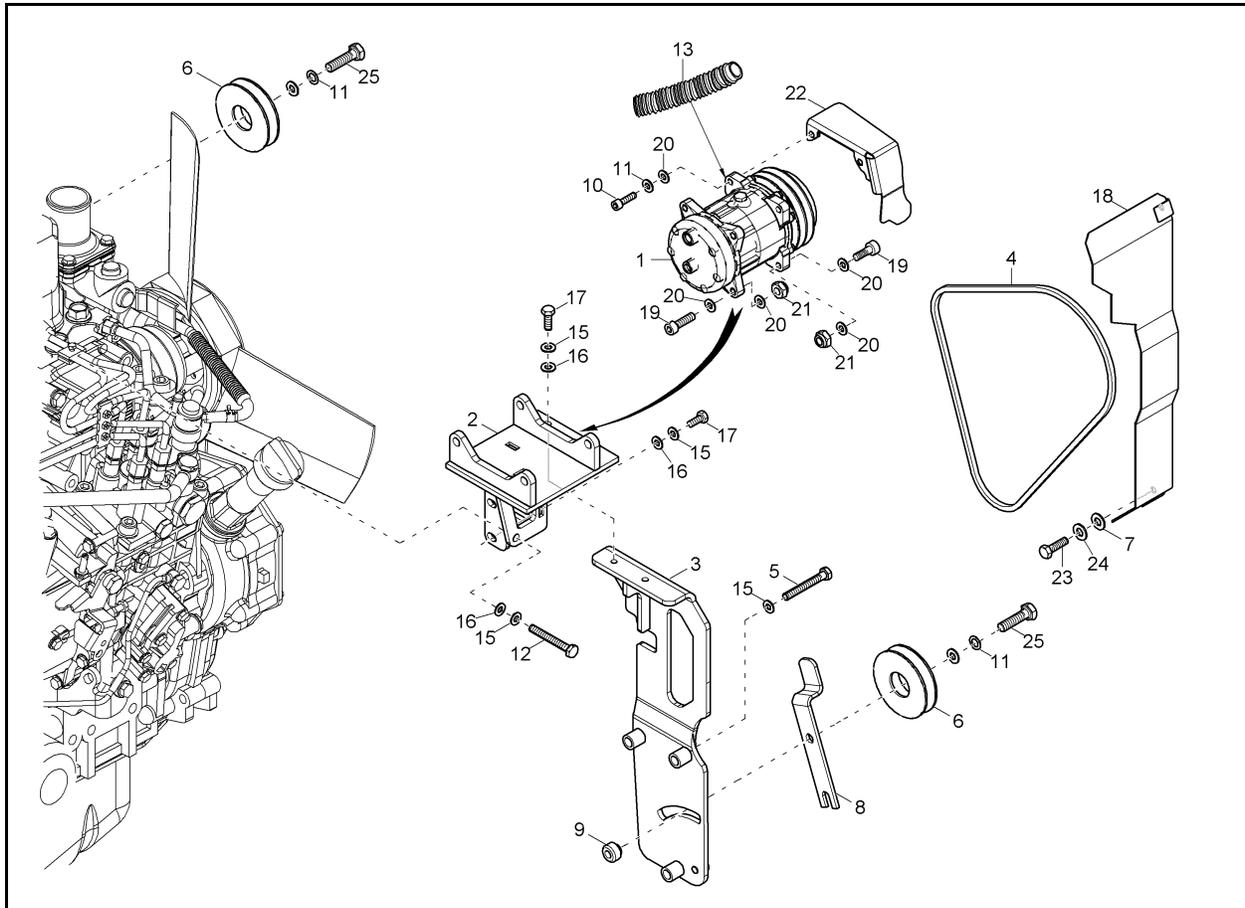
# 603 - AIR CONDITIONING (OPTION)

1000124551



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177943	AIR CONDITIONING SYSTEM	1	16	178007	FAN	1
2	177790	AIR CONDITIONING CONDUIT	1	17	177662	TEMPERATURE SWITCH	1
3	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	4	18	178008	CABLE	1
4	7462680008	WASHER	5	19	178009	CABLE	1
5	161675	LOCKWASHER S6	5	20	178010	HEAT EXCHANGER	1
6	177789	AIR CONDITIONING CONDUIT	1	21	178011	EVAPORATOR	1
7	177788	COVER	1	22	178012	BRACKET	1
8	651514	SHCS M8-1.25 X 16 C8.8 ZY DIN912	4	23	177704	EXPANSION VALVE	1
9	163670	LOCKWASHER	8	24	178013	BRACKET	1
10	163634	WASHER	4	25	177806	SEAL	1
11	177656	AIR NOZZLE	1	26	177807	SEAL	1
12	162611	HOSE CLAMP	2	27	177793	CIRCULATION FILTER	1
13	206840	AIR HOSE (0.45M)	1	28	162860	SCREW	5
14	177655	AIR NOZZLE	1	29	161662	WASHER/GR A 8.4 ZO	4
15	177697	DIODE	1				

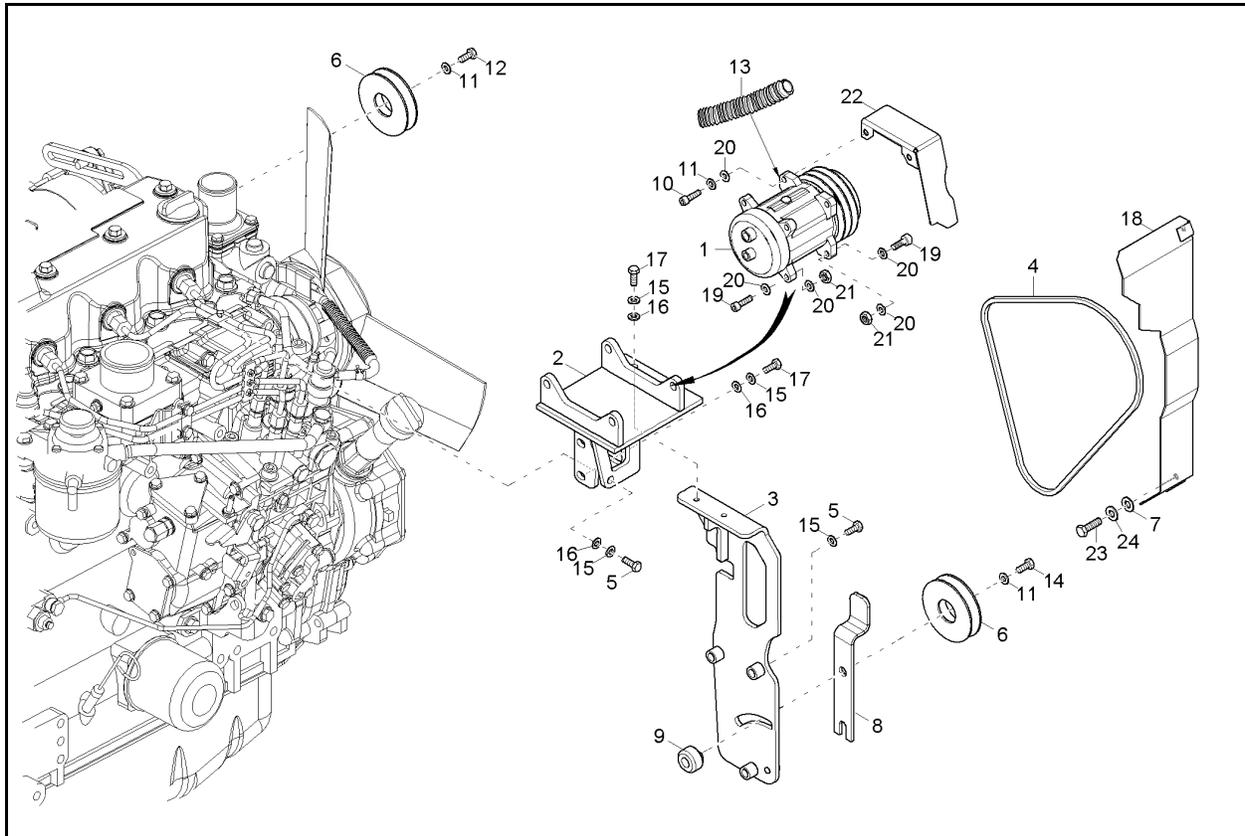
# 603 - AIR CONDITIONING COMPRESSOR (OPTION) 1000181269 - (SN AH00645 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177736	COMPRESSOR/AIR CONDITIONING	1	13	203440	CABLE HOSE (0.5M)	1
2	204143	MOUNTING BRACKET	1	15	163670	LOCKWASHER	8
3	204144	BRACKET	1	16	163634	WASHER	5
4	177508	V-BELT (AC COMPRESSOR)	1	17	177648	HEX SCREW	4
5	651438	HB M8-1.25 X 70 C8.8 ZY	3	18	204137	FAN GUARD	1
6	204989	TIGHTENER PULLEY	2	19	162858	SCREW	4
7	7462680008	WASHER	2	20	161640	WASHER/GR A 10.5	10
8	177794	CLAMPING STRAP	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	4
9	179400	NUT	1	22	177997	FAN COVER	1
10	651473	SHCS M10-1.25 X 25 F8.8 ZY DIN912	2	23	656149	CS M6-1 X 16 C8.8 ZY DIN931	2
11	161669	LOCKWASHER S10	4	24	161675	LOCKWASHER S6	2
12	163024	SCREW	1	25	205628	HEX SCREW	2

# 603 - AIR CONDITIONING COMPRESSOR (OPTION)

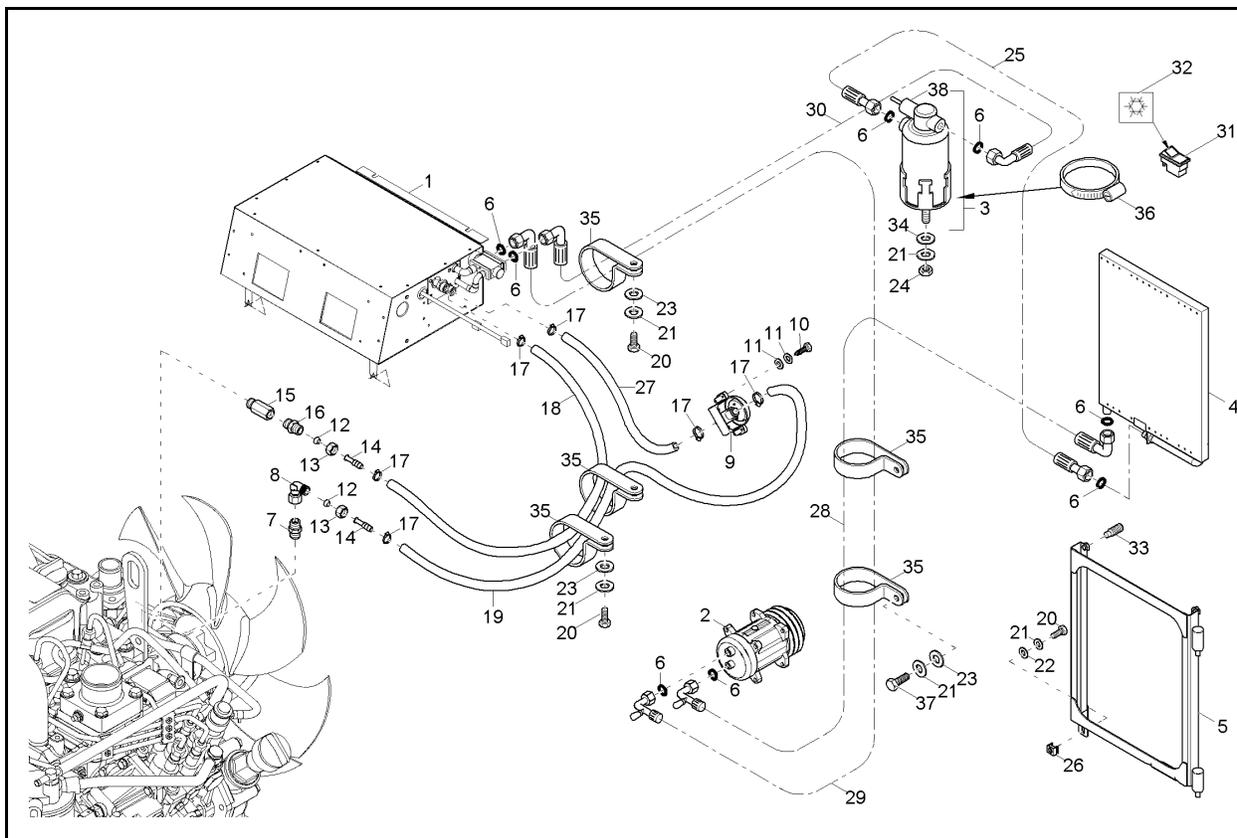
1000126292 - (SN AC02513 - AD07207)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177736	COMPRESSOR/AIR CONDITIONING	1	13	204972	CABLE HOSE (0.35M)	1
2	177480	MOUNTING BRACKET	1	14	205628	HEX SCREW	1
3	177548	BRACKET	1	15	163670	LOCKWASHER	8
4	177508	V-BELT (AC COMPRESSOR)	1	16	163634	WASHER	5
5	651437	HB M8-1.25 X 60 C8.8 ZY	4	17	177648	HEX SCREW	4
6	204989	TIGHTENER PULLEY	2	18	204137	FAN GUARD	1
7	7462680008	WASHER	2	19	162858	SCREW	4
8	177794	CLAMPING STRAP	1	20	161640	WASHER/GR A 10.5	10
9	179400	NUT	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	4
10	651473	SHCS M10-1.25 X 25 F8.8 ZY DIN912	2	22	177997	FAN COVER	1
11	161669	LOCKWASHER S10	4	23	656149	CS M6-1 X 16 C8.8 ZY DIN931	2
12	651397	CS M10-1.5 X 35 C8.8 ZY	1	24	161675	LOCKWASHER S6	2

# 603 - AIR CONDITIONING INSTALLATION

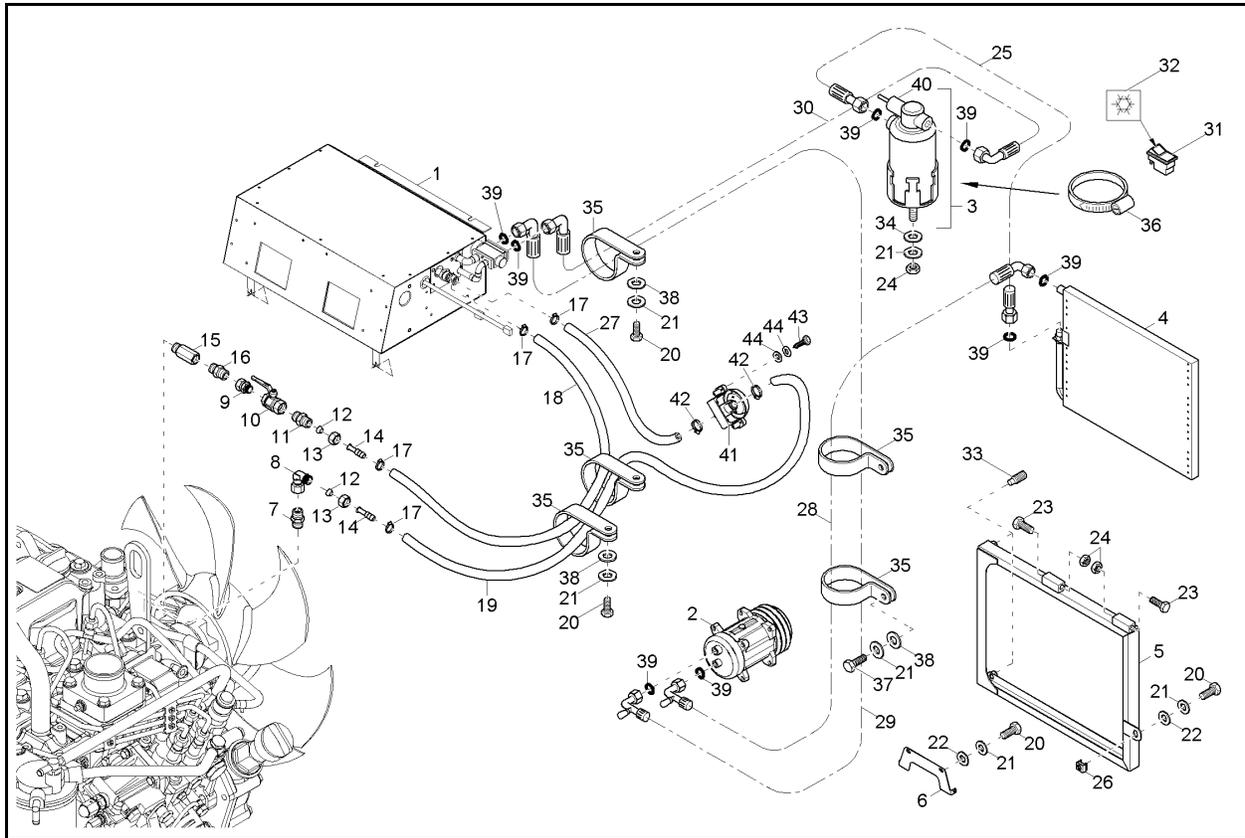
## 1000156676 & 1000181271 - (SN AD04739 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177943	AIR CONDITIONING SYSTEM (See page 186 for individual components)	1	19	205186	HEATER HOSE (5.0M)	1
2	177736	COMPRESSOR/AIR CONDITIONING	1	20	177648	HEX SCREW	4
3	177894	AIR-DRYER	1	21	163670	LOCKWASHER	7
4	177708	CONDENSER	1	22	7462680011	WASHER 8.4 ST A2C	1
5	204152	CONDENSER FRAME (SN AH00645 and up)	1	23	161668	WASHER/GR A 8.4 ZO DIN134	5
	204851	CONDENSER FRAME (SN AD04739 - AD07207)	1	24	651458	LN INS M8-1.25 C8 ZY DIN6924	1
6	206853	SEAL KIT/CLIMATE	1	25	177525	AIR CONDITIONING SYSTEM HOSE	1
7	161476	SCREW JOINT	1	26	161615	NUT/CAGE M8 (SN AD04739 - AD07207)	1
8	161445	90° FITTING	1	27	205609	HEATER HOSE (0.40M)	1
9	205843	WATER VALVE	1	28	177524	AIR CONDITIONING SYSTEM HOSE	1
10	204966	HEX SCREW	2	29	177523	AIR CONDITIONING SYSTEM HOSE	1
11	161660	WASHER GR A6.4 ZO DIN 125	4	30	177882	AIR CONDITIONING SYSTEM HOSE	1
12	161424	WASHER	2	31	164883	ROCKER SWITCH - 2 POSITION	1
13	7788010663	NUT	2	32	208247	AIR CONDITIONING SYMBOL	1
14	160860	HOSE COVER	2	33	162479	SCREW MOUNT	2
15	161357	CONNECTOR	1	34	163634	WASHER	1
16	161429	SCREW JOINT 12L	1	35	165983	PIPE CLAMP	5
17	162064	HOSE CLAMP	6	36	163210	HOSE CLAMP	1
18	205186	HEATER HOSE (5.0M)	1	37	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	2
				38	206806	PRESSURE SWITCH	1

# 603 - AIR CONDITIONING INSTALLATION

## 1000126293 - (SN AC02513 - AD04738)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177943	AIR CONDITIONING SYSTEM	1	23	651438	HB M8-1.25 X 70 C8.8 ZY	2
2	177736	COMPRESSOR/AIR CONDITIONING	1	24	651458	LN INS M8-1.25 C8 ZY DIN6924	3
3	177894	AIR-DRYER	1	25	177525	AIR CONDITIONING SYSTEM HOSE	1
4	177708	CONDENSER	1	26	161615	NUT/CAGE M8	1
5	177536	CONDENSER FRAME	1	27	205609	HEATER HOSE (0.40M) (SN AD04634 - AD04738)	1
6	177537	HINGE	1	28	177524	AIR CONDITIONING SYSTEM HOSE	1
7	161476	SCREW JOINT	1	29	177523	AIR CONDITIONING SYSTEM HOSE	1
8	161445	90° FITTING	1	30	177882	AIR CONDITIONING SYSTEM HOSE	1
9	161477	SCREW JOINT (SN AC02513 - AD04633)	1	31	164883	ROCKER SWITCH - 2 POSITION	1
10	160950	BALL VALVE (SN AC02513 - AD04633)	1	32	208247	AIR CONDITIONING SYMBOL	1
11	161476	SCREW JOINT (SN AC02513 - AD04633)	1	33	162479	SCREW MOUNT	2
12	161424	WASHER	2	34	163634	WASHER	1
13	7788010663	NUT	2	35	165983	PIPE CLAMP	5
14	160860	HOSE COVER	2	36	163210	HOSE CLAMP	1
15	161357	CONNECTOR	1	37	656105	CS M8-1.25 X 25 C8.8 ZY DIN931	2
16	161429	SCREW JOINT 12L	1	38	161668	WASHER/GR A 8.4 ZO DIN134	5
17	162064	HOSE CLAMP	4	39	206853	SEAL KIT/CLIMATE	1
18	205186	HEATER HOSE (5.0M)	1	40	206806	PRESSURE SWITCH	1
19	205186	HEATER HOSE (5.0M)	1	41	205843	WATER VALVE (SN AD04634 - AD04738)	1
20	177648	HEX SCREW	6	42	162064	HOSE CLAMP (SN AD04634 - AD04738)	2
21	163670	LOCKWASHER	9	43	204966	HEX SCREW	2
22	7462680011	WASHER 8.4 ST A2C	3	44	161660	WASHER GR A6.4 ZO DIN 125	4

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161443	72	8	161450	72	7	161531	158	10
161443	73	11	161450	73	10	161531	159	10
161443	75	11	161450	75	10	161531	160	10
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161443	81	21	161450	81	22	161550	102	13
161443	83	5	161450	83	7	161550	103	13
161443	84	5	161450	89	7	161554	158	34
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161615	148	14	161640	99	11	161653	145	3
161615	189	26	161640	107	5	161658	184	29
161615	190	26	161640	112	14	161658	185	29
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161618	174	23	161640	146	4	161659	44	5
161618	177	27	161640	147	4	161659	45	5
161618	178	27	161640	148	4	161659	52	30
161618	180	31	161640	150	21	161659	53	17
161618	182	31	161640	156	5	161659	54	17
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161627	144	8	161640	159	9	161660	11	11
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161636	134	24	161640	162	6	161660	49	6
161636	135	29	161640	163	6	161660	53	31
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161660	182	41	161669	62	19	161674	45	4
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161660	189	11	161669	67	14	161674	89	5
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161665	112	10	161669	141	19	161675	78	5
161665	113	10	161669	146	13	161675	79	5
161665	166	38	161669	147	13	161675	85	6
161665	167	38	161669	148	13	161675	87	5
161665	175	25	161669	149	5	161675	91	6
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161805	182	30	162064	25	7	162481	99	6
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161847	177	15	162064	185	19	162481	102	7
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162797	168	12	162924	167	15	163634	64	11
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177473	52	7	177496	151	4	177524	190	28
177473	53	7	177496	152	4	177525	189	25
177473	54	7	177497	150	3	177525	190	25
177474	161	15	177497	151	3	177528	39	8
177474	162	15	177497	152	3	177528	40	8
177474	163	15	177498	150	2	177529	14	4
177475	161	19	177498	151	2	177529	15	4
177475	162	19	177498	152	2	177530	14	2
177475	163	19	177499	151	8	177530	15	5
177476	158	21	177499	152	8	177532	39	10
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177534	150	7	177571	47	21	177598	76	1
177534	151	7	177572	70	7	177599	73	13
177534	152	7	177572	71	7	177599	75	13
177536	190	5	177573	108	2	177600	59	4
177537	190	6	177574	171	9	177602	161	2
177538	52	5	177575	108	3	177602	162	2
177538	53	4	177576	179	5	177602	163	2
177538	54	4	177577	179	5	177605	94	2
177539	11	6	177579	97	3	177605	95	2
177540	11	9	177580	97	4	177606	95	3
177541	58	5	177581	97	5	177607	94	4
177541	59	5	177582	99	3	177607	95	4
177542	58	8	177583	99	4	177608	94	5
177542	59	8	177584	99	5	177608	95	5
177543	106	1	177585	97	2	177609	174	4
177544	106	2	177586	99	2	177610	174	2
177545	67	12	177587	56	11	177611	173	1
177545	68	12	177587	57	11	177611	174	1
177546	64	6	177588	56	14	177615	69	18
177547	53	6	177588	57	14	177616	69	7
177547	54	6	177589	74	28	177617	98	1
177548	188	3	177589	76	28	177619	140	1
177549	155	1	177590	74	27	177646	109	13
177555	52	6	177590	76	27	177646	110	13
177555	53	5	177591	74	2	177646	111	13
177555	54	5	177591	76	2	177646	131	6
177556	96	2	177592	74	6	177647	112	5
177557	96	1	177592	76	6	177647	113	5
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177563	100	3	177595	74	15	177648	81	8
177566	9	11	177595	76	15	177648	83	2
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177648	151	20	177672	86	5	177709	60	1
177648	176	14	177672	90	6	177709	134	3
177648	187	17	177673	61	6	177709	135	3
177648	188	17	177675	58	3	177709	136	3
177648	189	20	177675	59	3	177713	145	1
177648	190	20	177677	147	16	177715	99	7
177652	78	12	177677	148	16	177715	161	12
177652	79	8	177678	146	15	177715	162	12
177654	63	37	177678	147	15	177715	163	12
177654	64	37	177678	148	15	177717	164	1
177655	171	11	177679	46	5	177718	164	12
177655	186	14	177679	47	5	177721	171	4
177656	184	22	177682	161	24	177727	135	23
177656	185	22	177682	162	24	177727	136	23
177656	186	11	177682	163	24	177728	135	26
177657	144	9	177686	89	4	177728	136	26
177658	158	39	177687	144	2	177730	66	4
177658	159	39	177688	101	11	177730	86	1
177658	160	39	177688	102	11	177730	88	4
177659	9	6	177688	103	11	177733	43	2
177659	10	6	177689	64	14	177733	44	2
177659	46	17	177691	82	11	177733	45	2
177659	47	17	177692	158	31	177736	187	1
177660	143	4	177692	159	31	177736	188	1
177660	144	4	177692	160	31	177736	189	2
177662	186	17	177693	158	22	177736	190	2
177664	9	5	177693	159	22	177741	161	7
177664	10	5	177693	160	22	177741	162	7
177664	46	7	177695	164	4	177741	163	7
177664	47	7	177696	144	5	177742	160	11
177666	117	16	177697	186	15	177744	161	11
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177668	61	7	177700	52	23	177747	133	1
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177753	160	3	177798	82	15	177858	147	6
177754	159	36	177803	82	20	177858	148	6
177754	160	16	177804	82	16	177862	184	1
177755	159	17	177805	82	18	177862	185	1
177755	160	17	177806	186	25	177863	92	1
177757	64	1	177807	186	26	177865	179	1
177760	64	15	177809	124	1	177866	179	7
177762	73	14	177810	125	1	177867	179	4
177762	75	14	177812	128	1	177868	179	2
177763	148	11	177813	184	3	177871	4	26
177764	159	15	177813	185	3	177873	64	23
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177771	147	23	177818	152	6	177878	57	4
177771	148	23	177819	146	24	177882	189	30
177777	179	8	177819	146	30	177882	190	30
177779	179	2	177819	147	24	177884	180	9
177780	179	4	177819	148	24	177884	182	9
177782	164	22	177820	150	17	177887	112	2
177784	149	9	177820	151	17	177887	113	2
177785	149	2	177820	152	17	177889	154	2
177786	184	11	177821	166	32	177889	155	2
177786	185	11	177821	167	32	177890	154	5
177787	184	10	177821	175	29	177890	155	5
177787	185	10	177824	111	1	177891	154	6
177788	186	7	177825	180	11	177891	155	6
177789	186	6	177825	182	11	177892	154	7
177790	186	2	177826	180	10	177892	155	7
177791	164	3	177826	182	10	177893	46	14
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177906	154	3	177943	189	1	177976	110	7
177906	155	3	177943	190	1	177976	111	7
177907	154	4	177944	104	5	177977	109	8
177907	155	4	177944	105	5	177977	110	8
177909	164	8	177944	106	5	177977	111	8
177910	82	23	177950	66	8	177982	60	4
177911	82	22	177950	96	7	177984	164	18
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177914	176	4	177952	66	2	177998	60	5
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177919	10	13	177963	164	23	178017	133	5
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178023	133	11	178040	170	13	178084	76	9
178024	133	12	178042	170	17	178086	74	32
178025	165	2	178043	170	12	178086	76	11
178025	166	2	178044	169	8	178087	74	12
178025	167	2	178044	170	16	178087	76	12
178027	165	6	178045	170	18	178088	74	13
178027	166	6	178046	130	1	178088	76	13
178027	167	6	178047	130	2	178091	74	19
178028	165	7	178048	130	3	178091	76	19
178028	166	7	178051	46	8	178092	74	20
178028	167	7	178051	47	8	178092	76	20
178029	165	11	178053	176	22	178093	74	21
178029	166	11	178053	177	7	178093	76	21
178029	167	11	178053	178	8	178094	74	22
178030	165	12	178059	179	6	178094	76	22
178030	166	12	178060	174	10	178095	74	23
178030	167	12	178061	173	11	178095	76	23
178031	166	14	178061	174	11	178096	74	24
178031	167	14	178063	119	6	178096	76	24
178032	165	18	178064	119	7	178097	74	26
178032	166	18	178067	137	3	178097	76	26
178032	167	18	178067	138	3	178098	74	25
178033	165	22	178067	139	3	178098	76	25
178033	166	22	178073	117	14	178100	74	17
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178034	165	19	178074	167	35	178103	177	5
178034	166	19	178074	175	30	178103	178	5
178034	167	19	178075	166	34	178107	115	7
178035	167	29	178075	167	34	178111	101	12
178036	165	32	178075	175	31	178111	102	12
178036	166	13	178078	74	3	178111	103	12
178036	167	13	178078	76	3	178456	101	16
178037	168	10	178080	74	4	178512	66	6
178037	169	10	178080	76	4	178517	82	2
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178563	81	14	179173	139	7	179843	60	2
178627	54	8	179174	139	1	179843	73	3
178646	62	16	179302	134	1	179843	75	3
178646	64	16	179302	135	1	179850	78	11
178708	118	5	179302	136	1	179850	79	10
178708	119	5	179303	153	6	179850	79	13
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178834	15	16	179306	135	22	179865	64	34
178890	172	6	179306	136	22	183877	8	5
178930	113	7	179400	187	9	183935	4	12
178947	80	1	179400	188	9	184043	4	13
178947	81	1	179544	58	7	184467	8	3
178959	56	17	179544	59	7	184472	8	6
178959	57	17	179544	77	4	184473	8	7
178961	56	16	179544	90	2	184474	8	10
178961	57	16	179544	98	9	184475	8	8
178967	149	3	179733	8	2	184476	8	9
178979	84	9	179740	117	4	186011	8	4
179096	164	32	179757	153	2	186302	30	10
179117	56	12	179761	158	29	186302	31	3
179117	57	12	179761	159	29	186314	17	30
179122	9	2	179761	160	29	186314	19	28
179122	10	2	179776	134	14	186335	17	61
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179135	69	9	179784	12	15	186337	19	47
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179138	134	10	179793	94	16	186340	10	4
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186389	19	56	186499	29	23	186532	19	4
186390	17	57	186500	29	12	186533	17	24
186390	19	57	186501	28	14	186533	19	9
186391	17	58	186501	29	14	186534	17	27
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186406	19	3	186508	31	6	186538	36	1
186407	34	10	186512	21	17	186538	37	2
186407	35	10	186513	21	1	186539	26	3
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186411	17	20	186518	17	54	186542	29	8
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186421	30	13	186519	19	1	186545	33	1
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186466	23	24	186522	19	15	186551	33	39
186466	23	25	186523	17	32	186552	35	3
186468	30	8	186523	19	30	186553	35	20
186468	31	17	186524	17	33	186556	35	15
186473	34	19	186524	19	31	186557	35	16
186473	35	22	186525	17	34	186558	35	17
186473	35	23	186525	19	32	186559	35	18
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186590	26	8	186662	29	5	195348	8	20
186590	27	8	186663	28	21	195387	8	21
186596	26	9	186663	29	21	195388	8	22
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186598	19	64	188448	34	9	195393	8	27
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186602	19	11	188573	23	47	197462	41	6
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186607	23	26	188596	17	42	197591	21	10
186611	28	6	188596	19	36	197592	21	11
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186617	37	4	188742	23	31	197598	29	1
186618	36	12	188742	23	32	197601	17	52
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186624	19	43	188814	40	6	197620	22	45
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197632	28	8	201764	176	34	202655	53	30
197633	30	7	201765	175	18	203046	53	22
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197635	32	19	201767	175	21	203322	12	1
197636	32	40	201768	175	22	203323	12	2
197637	32	44	201775	117	2	203324	12	8
197638	32	18	201832	78	16	203325	12	9
197646	34	18	201838	80	5	203326	12	17
197648	34	13	201838	81	6	203335	24	1
197649	34	14	202487	46	1	203342	30	1
197650	34	15	202489	46	15	203346	32	15
197651	34	16	202490	46	20	203352	34	1
197698	17	60	202501	62	1	203353	34	3
197743	30	5	202502	62	13	203360	38	3
197767	34	17	202503	62	15	203361	38	10
197779	17	62	202504	63	34	203362	38	11
197783	28	11	202505	9	8	203363	38	12
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197826	22	32	202526	146	1	203374	41	11
197827	21	12	202527	146	6	203384	48	1
197828	28	9	202528	146	7	203385	48	6
197829	28	18	202537	165	14	203406	109	1
201591	52	2	202538	168	23	203407	109	2
201679	131	3	202539	168	25	203408	112	1
201706	168	24	202540	168	26	203409	112	3
201719	48	2	202541	175	2	203410	122	1
201719	165	3	202543	175	27	203411	121	1
201719	166	3	202544	171	1	203413	126	1
201719	171	12	202545	181	57	203419	146	29
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203440	187	13	204131	58	6	204245	81	7
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203913	139	2	204137	188	18	204681	82	7
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204034	107	1	204146	38	14	204851	189	5
204034	140	10	204147	52	10	204888	162	1
204071	97	1	204148	52	8	204888	163	1
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204071	159	25	204150	156	1	204906	169	7
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205145	143	6	205477	163	28	205503	106	1
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7788010663	185	17	420-34913	8	12	425-34745	22	25
7788010663	189	13	420-34914	8	13	425-34745	22	31
7788010663	190	13	425-34656	26	11	425-34745	23	39
1408450G	89	1	425-34656	27	11	425-34746	22	21
1410401G	49	2	425-34666	34	5	425-34746	22	27
1423029G	80	12	425-34666	35	5	425-34746	23	30
1423029G	81	12	425-34722	21	3	425-34747	22	22
1423030G	80	13	425-34726	21	6	425-34747	22	28
1423030G	81	13	425-34727	32	31	425-34747	23	33
1423414G	165	24	425-34727	33	28	425-34747	36	5
1423414G	166	24	425-34727	33	33	425-34748	26	16
1423414G	167	24	425-34729	25	4	425-34748	27	16
1423440G	177	19	425-34729	30	11	425-34748	32	13
1423440G	178	19	425-34729	30	16	425-34748	32	17
1424418G	176	31	425-34729	30	18	425-34748	33	13
1424418G	177	9	425-34729	31	11	425-34748	33	18
1424418G	178	9	425-34729	31	21	425-34748	37	3
1424419G	176	33	425-34729	31	23	425-34750	30	9
1424419G	177	10	425-34729	32	32	425-34750	30	14
1424419G	178	10	425-34729	33	34	425-34750	30	17
1424420G	168	14	425-34733	17	2	425-34750	31	18
1424420G	169	14	425-34733	19	2	425-34750	31	20
1424420G	170	1	425-34733	22	20	425-34750	31	22
1424420G	176	37	425-34733	22	38	425-34756	22	3
1424420G	177	28	425-34733	23	28	425-34756	22	42
1424420G	178	28	425-34733	23	29	425-34761	37	7
1424431G	173	13	425-34733	23	36	425-34775	17	66
1424431G	174	13	425-34733	23	43	425-34775	19	65
1424432G	173	12	425-34733	26	14	425-34776	17	29

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425-34776	19	27	425-35164	35	24	9901152G	168	16
425-34776	19	66	425-35165	32	12	9901152G	169	16
425-34779	17	10	425-35165	33	12	9901152G	170	28
425-34779	19	13	425-35188	17	14	9901152G	175	3
425-34780	36	4	425-35188	19	16	9901152G	176	3
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425-34808	27	2	425-36111	32	25	9910346G	99	12
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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)

# **GEHL**®

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