

GEHL®

Form No.
918071
Revision F
Mar. 2008

503Z

Compact Excavator

Beginning Serial Number: AC02471



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 cabin.

"Right" and "left" are determined from a position sitting on the 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 the various fastener descriptions.

Standard attaching hardware torque values are also provided on the inside back cover. Metric torque values shown in the illustrations are in Newton-meters and can be 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 inclusions are indicated as follows:

- (SN 999 and before except 997) - indicates serial numbers up to and including 999, EXCEPT 997.

- (SN 1000 - 2000 except 1996 including 997) - indicates serial numbers between 1000 and 2000, INCLUDING 997 EXCEPT 1996.
- (SN 2001 and up including 1996) - indicates serial numbers including 2001 and after, INCLUDING 1996.

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

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

ASSD.....	Assembled
ASSY.....	Assembly
AR	As Required
CB.....	Carriage Bolt
CP	Cotter Pin
CS	Cap Screw (Hexagon Head)
CYL.....	Cylinder
DIA.....	Diameter
FHCS.....	Flat Head Cap Screw
GR	Grade
HB	Hex Bolt
HLN.....	Hex Lock Nut
HN	Hex Nut
HP	High Pressure
HYD	Hydraulic
INS	Insert
LN.....	Lock Nut
LT	Left
LW.....	Lock Washer
M	Meter or Meters
MM/mm	Millimeter
NPT.....	National Pipe Thread
RH	Right Hand
RT	Right
SHCS.....	Socket Head Cap Screw
SLTD	Slotted
SN.....	Serial Number or Slotted Nut
SQ.....	Square
W/	With
W/O	Without

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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 the machine.

PAINT NOTICE

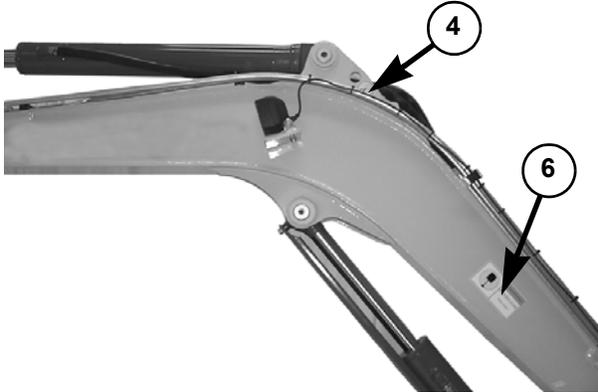
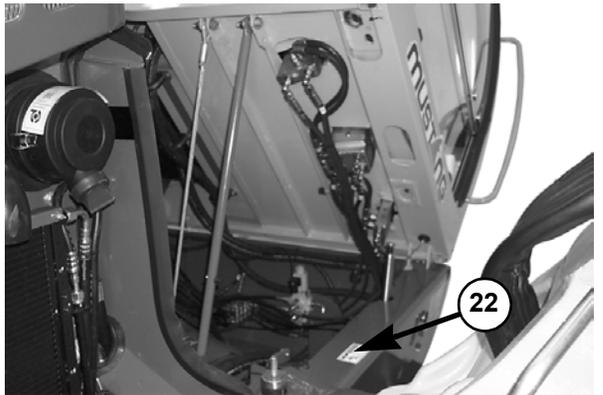
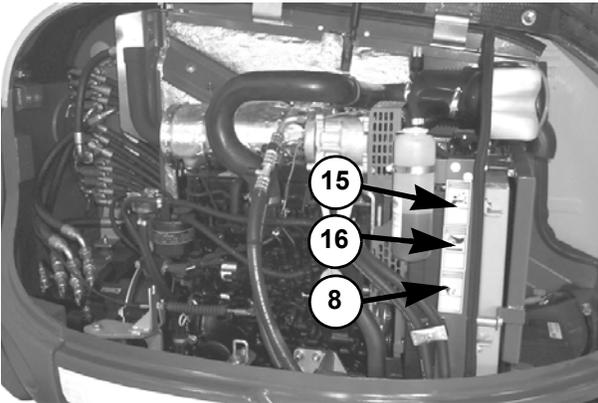
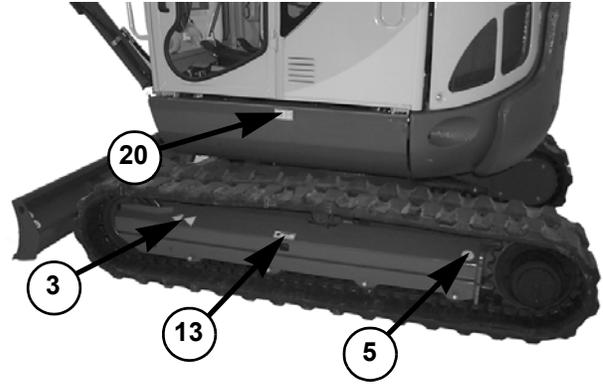
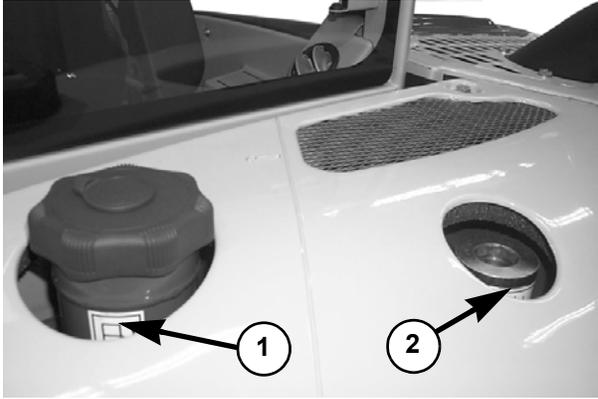
Use this list to order paint for refinishing:

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

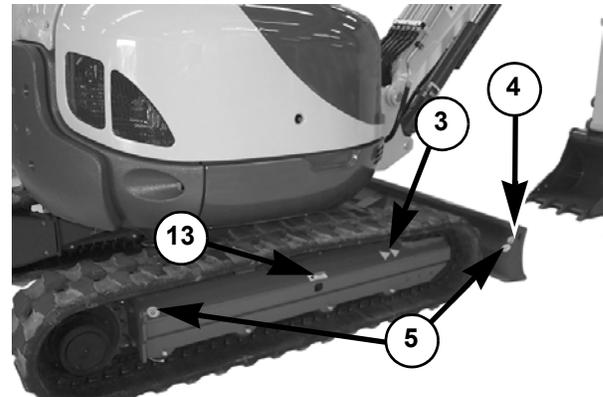
The decal kit for the model 503Z Compact Excavator is listed below:

Ref. No.	Part No.	Description & Quantity
	177436	Decal Kit - 503Z
1	161965	Decal/Diesel Fuel
2	161966	Decal/Hydraulic Oil
3	161970	Decal/Arrow (2 places)
4	161981	Decal/Lift Point(4 places)
5	161982	Decal/Tiedown Point (4 places)
6	161985	Decal/Warning Keep Away (2 places)
7	161986	Decal/Warning Read Manual
8	161987	Decal/Warning Rotating Fan (2 places)
9	162450	Decal/Travel Left
10	162451	Decal/Travel Right
11	163973	Decal/Warning Mandatory Shutdown
12	163974	Decal/Throttle Speed
13	163975	Decal/Warning Avoid Injury (2 places)
14	163976	Decal/Warning Avoid Injury
15	163977	Decal/Warning Entanglement Hazard
16	163978	Decal/Warning Hot Surface
17	164854	Decal/Warning Avoid Injury
18	173330	Decal/Zero Tail
19	173331	Decal/503Z (2 places)
20	177442	Decal SAE/ISO Control
21	177871	Decal/Dozer Blade Up/Down
22	177441	Decal/Warning Avoid Injury
23	177443	Decal/Controls SAE/ISO Lt
24	177444	Decal/Controls SAE/ISO Rt
25	206028	Decal/Lift Capacity
26	205842	Lube Chart
27	184043	Decal/Gehl 3.75 x 15.92 (white)
28	183963	Decal/Gehl 3.75 x 15.92
29	184306	Decal/Gehl 4.75 X 20.16 (2 Places)
30	177765	Reflector (2 places)

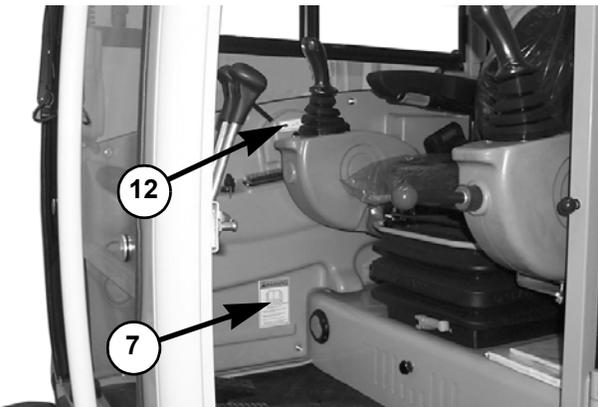
DECAL LOCATIONS



Both Sides



Both Sides



503Z
ME5003ZT

LIFTING CAPACITY ISO 10567

A/B	13,1ft			9,8ft			6,6ft		
	13,1ft	9,8ft	6,6ft	13,1ft	9,8ft	6,6ft	13,1ft	9,8ft	6,6ft
13,1ft	2337	1786							
9,8ft	2200	1290	2227	1720					
6,6ft	2304	1080	2613	1600	3483	2636			
3,3ft	2403	1003	3120	1477	4606	2183			
0,0ft	2524	1014	3428	1378	5368	2028			
13,3ft	2869	1135	3329	1346	5049	2017	3073	3946	
6,6ft	2767	1554		3234	2004	6614	4101		

capacity with standard dipperarm

AUXILIARY HYDRAULIC FLOW and PRESSURE

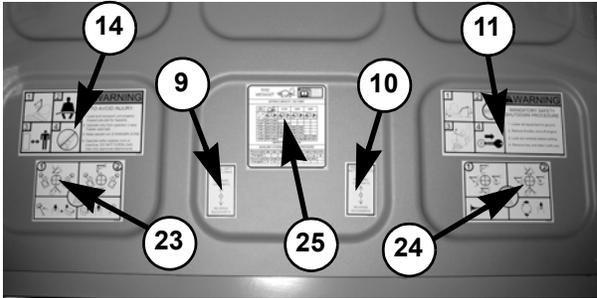
	268	290	435	580	553	870	1305	1740	2176
Pressure [psi]	268	290	435	580	553	870	1305	1740	2176
Flow [gpm]	-	-	25	25	25	24	22	22	19
Pressure [psi]	2811	3046	3336	3481	3771	3916	4134	4351	
Flow [gpm]	17	15	8						

DECAL LOCATIONS

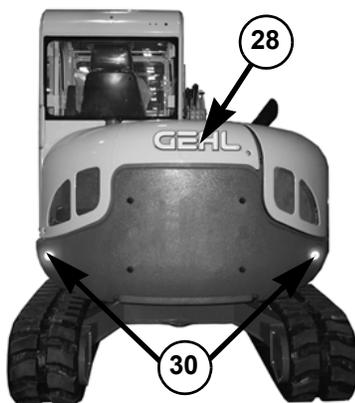
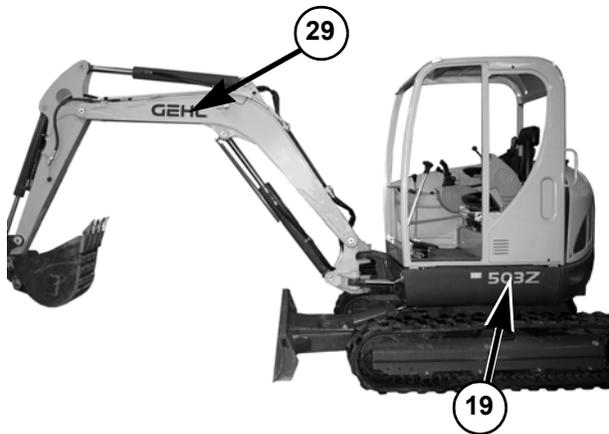
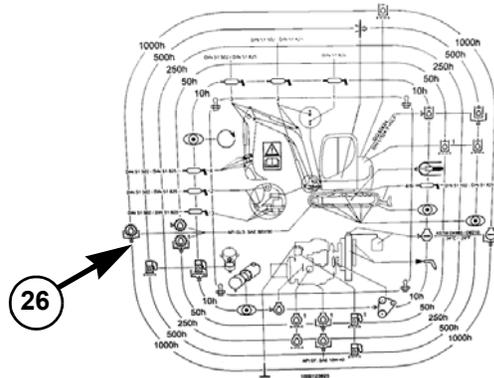
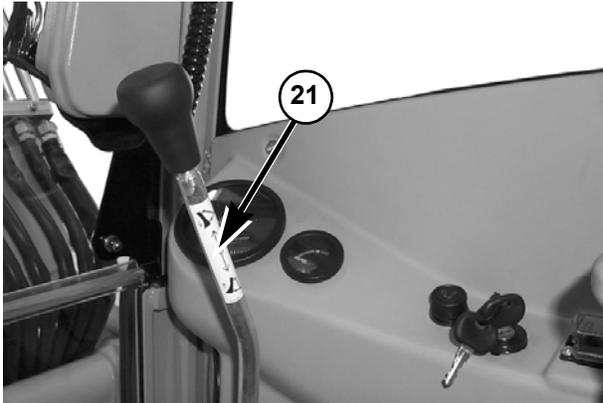
The decal listing has been repeated for your convenience

Ref. No.	Part No.	Description & Quantity	
	177436	Decal Kit - 503Z	
1	161965	Decal/Diesel Fuel	
2	161966	Decal/Hydraulic Oil	
3	161970	Decal/Arrow (2 places)	
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	15	163977	Decal/Warning Entanglement Hazard
	16	163978	Decal/Warning Hot Surface
	17	164854	Decal/Warning Avoid Injury
	18	173330	Decal/Zero Tail
	19	173331	Decal/503Z (2 places)
	20	177442	Decal SAE/ISO Control
	21	177871	Decal/Dozer Blade Up/Down
	22	177441	Decal/Warning Avoid Injury
	23	177443	Decal/Controls SAE/ISO Lt
	24	177444	Decal/Controls SAE/ISO Rt
	25	206028	Decal/Lift Capacity
	26	205842	Lube Chart
	27	184043	Decal/Gehl 3.75 x 15.92 (white)
	28	183963	Decal/Gehl 3.75 x 15.92
	29	184306	Decal/Gehl 4.75 X 20.16 (2 places)
	30	177765	Reflector (2 places)

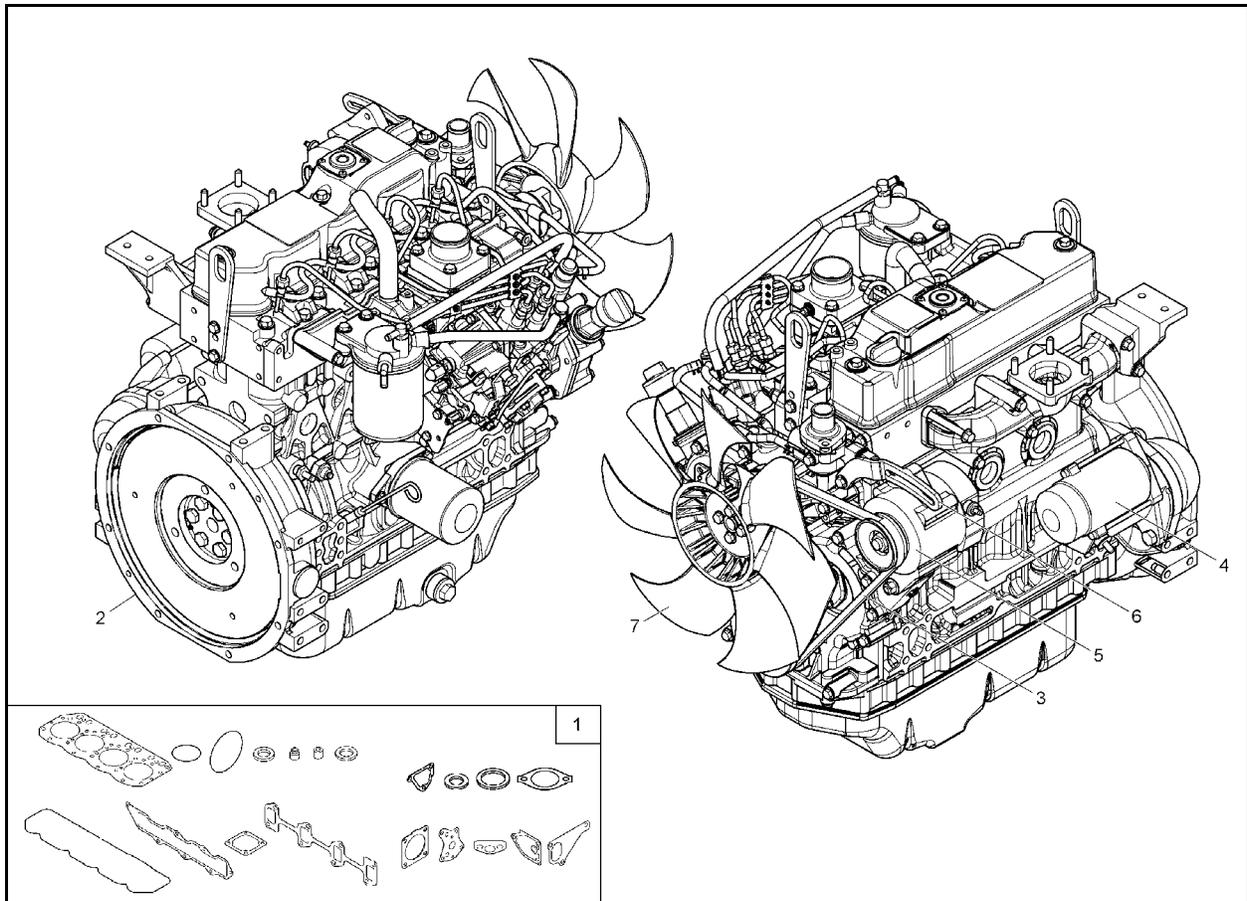
DECAL LOCATIONS



Overhead Panel Decals - positioning may vary by model and cabin style



503Z - DIESEL ENGINE
1000180006 - (SN AH00579 AND UP)



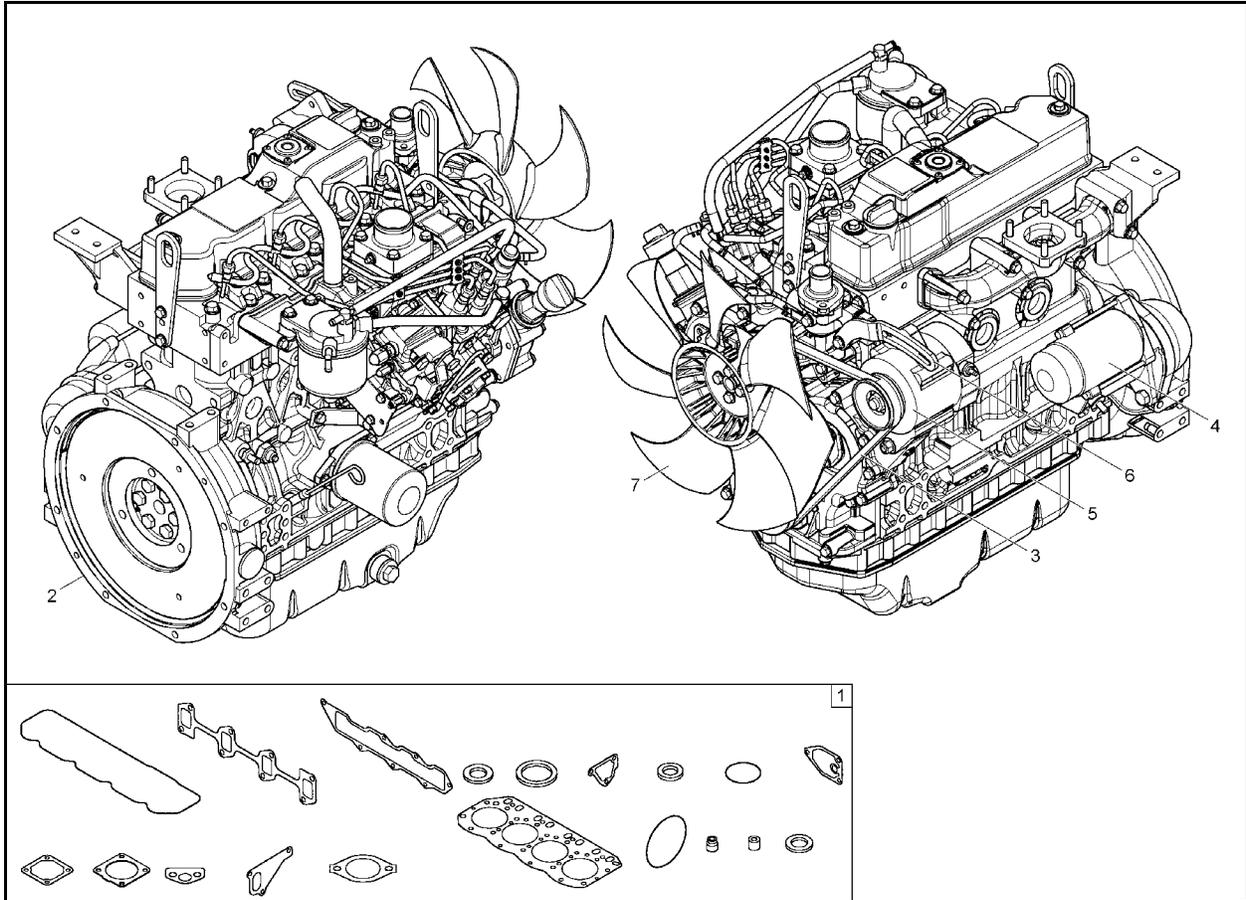
Ref. No.	Part No.	Description	Qty.
1	202461	SEAL KIT	1
2	202462	BASIC ENGINE	1
3	202477	V-BELT (NON A/C)*	1
4	177637	STARTER	1

Ref. No.	Part No.	Description	Qty.
5	177631	ALTERNATOR	1
6	205853	ALTERNATOR BRACKET	1
7	177632	RADIATOR FAN	1

* For A/C Belt, see page 168.

503Z - DIESEL ENGINE

1000124273 - (SN AC02471 - AD07125)

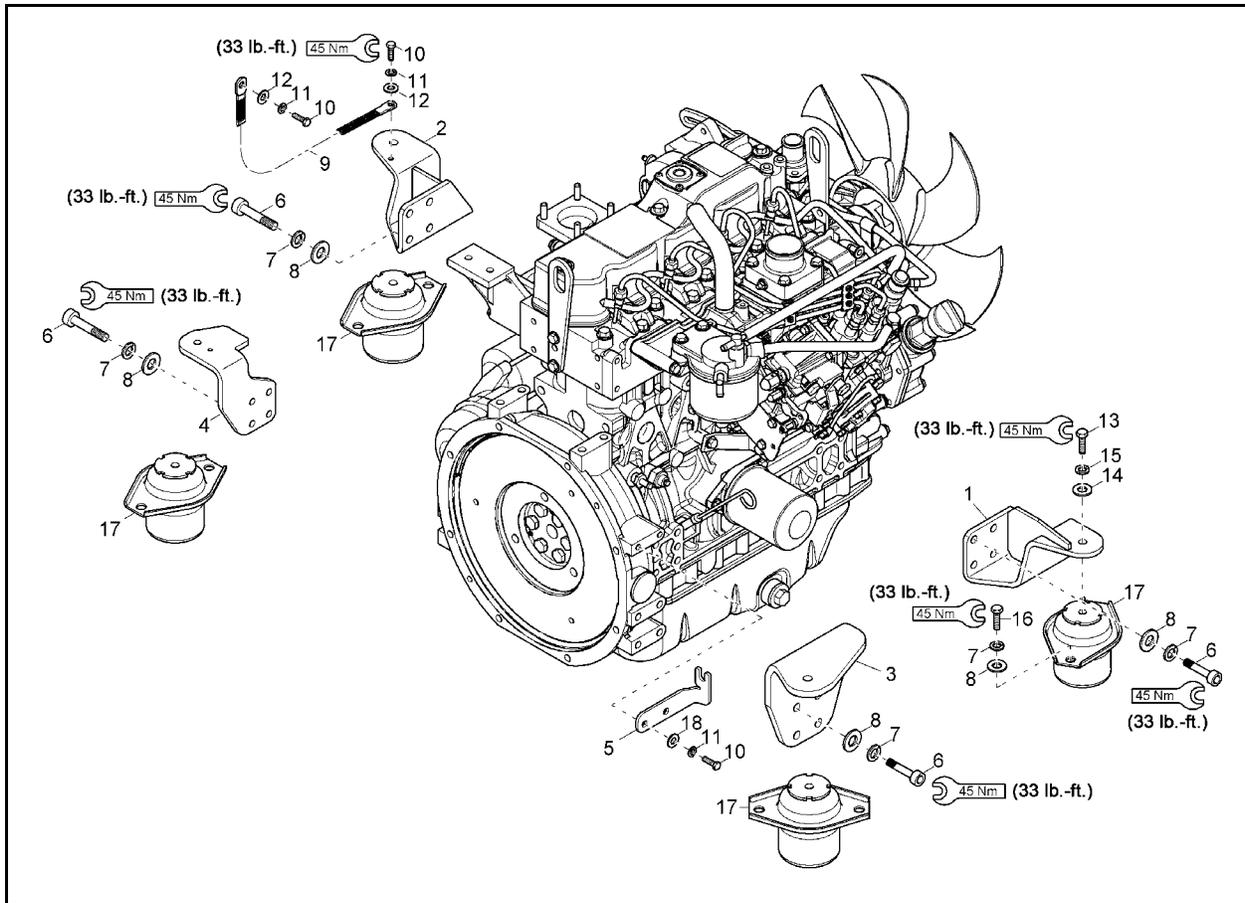


Ref. No.	Part No.	Description	Qty.
1	177633	SEAL KIT	1
2	206117	BASIC ENGINE	1
3	202477	V-BELT (NON A/C)* (SN AD04629 and up)	1
	177630	V-BELT (NON A/C)* (SN AD04628 and before)	1

Ref. No.	Part No.	Description	Qty.
5	177631	ALTERNATOR	1
6	177638	ALTERNATOR BRACKET	1
7	177632	RADIATOR FAN	1
8	177637	STARTER	1

* For A/C Belt, see page 169.

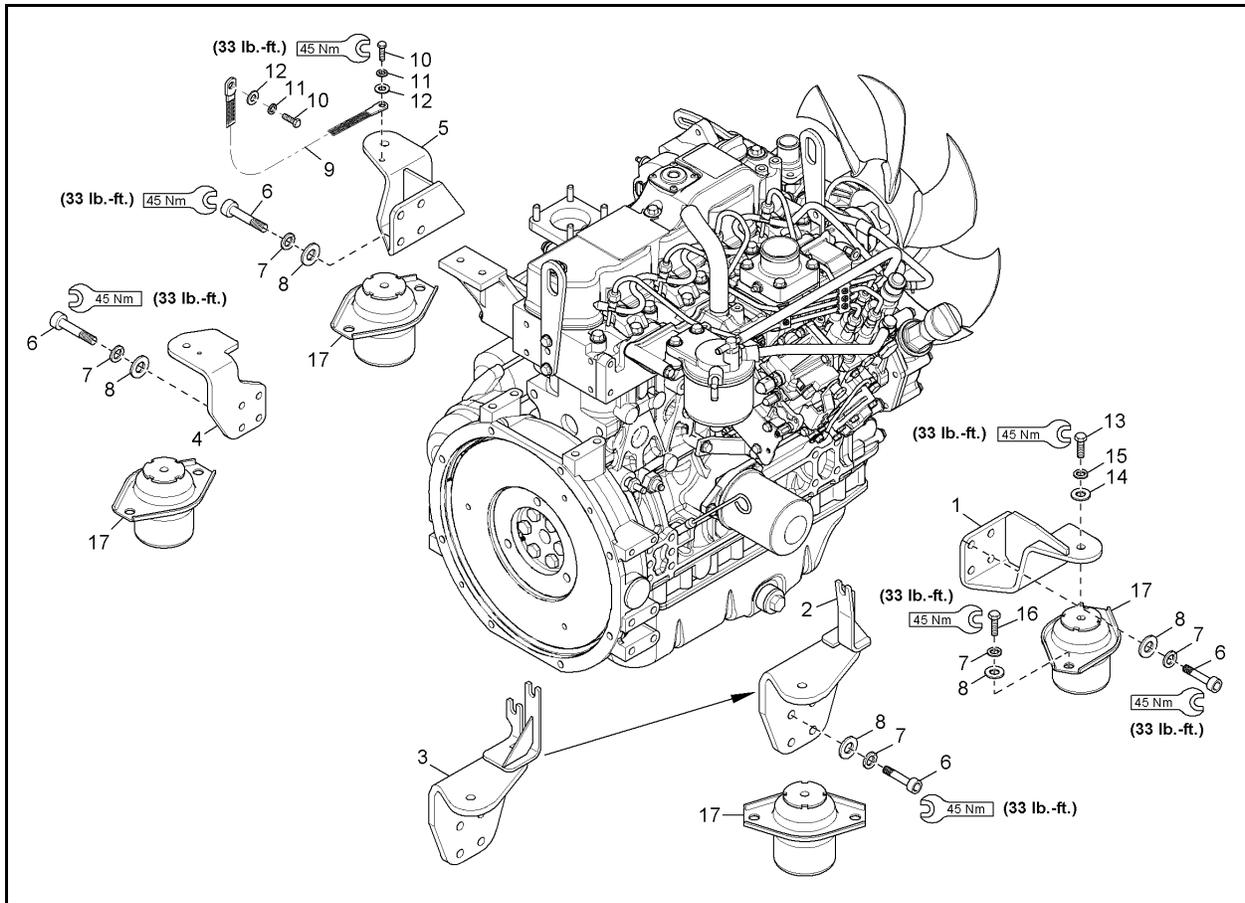
503Z - ENGINE MOUNTS 1000180018 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162392	ENGINE MOUNT-FRONT	1	10	177648	HEX SCREW	4
2	162393	ENGINE MOUNT-FRONT	1	11	163670	LOCKWASHER	4
3	202463	ENGINE MOUNT-REAR	1	12	163634	WASHER	2
4	177936	ENGINE MOUNT-REAR	1	13	651397	CS M10-1.5X35 C8.8 ZY	4
5	202464	THROTTLE CABLE BRACKET	1	14	161646	WASHER/GR A 15 DIN125	4
6	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	16	15	163651	WASHER	4
7	161669	LOCKWASHER S10	24	16	656090	CS M10-1.5X16 C8.8 ZY DIN931	8
8	161640	WASHER/GR A 10.5	24	17	160645	MOTOR MOUNT	4
9	165224	GROUND CABLE	1	18	161668	WASHER/GR A 8.4 ZO DIN134	2

503Z - ENGINE MOUNTS

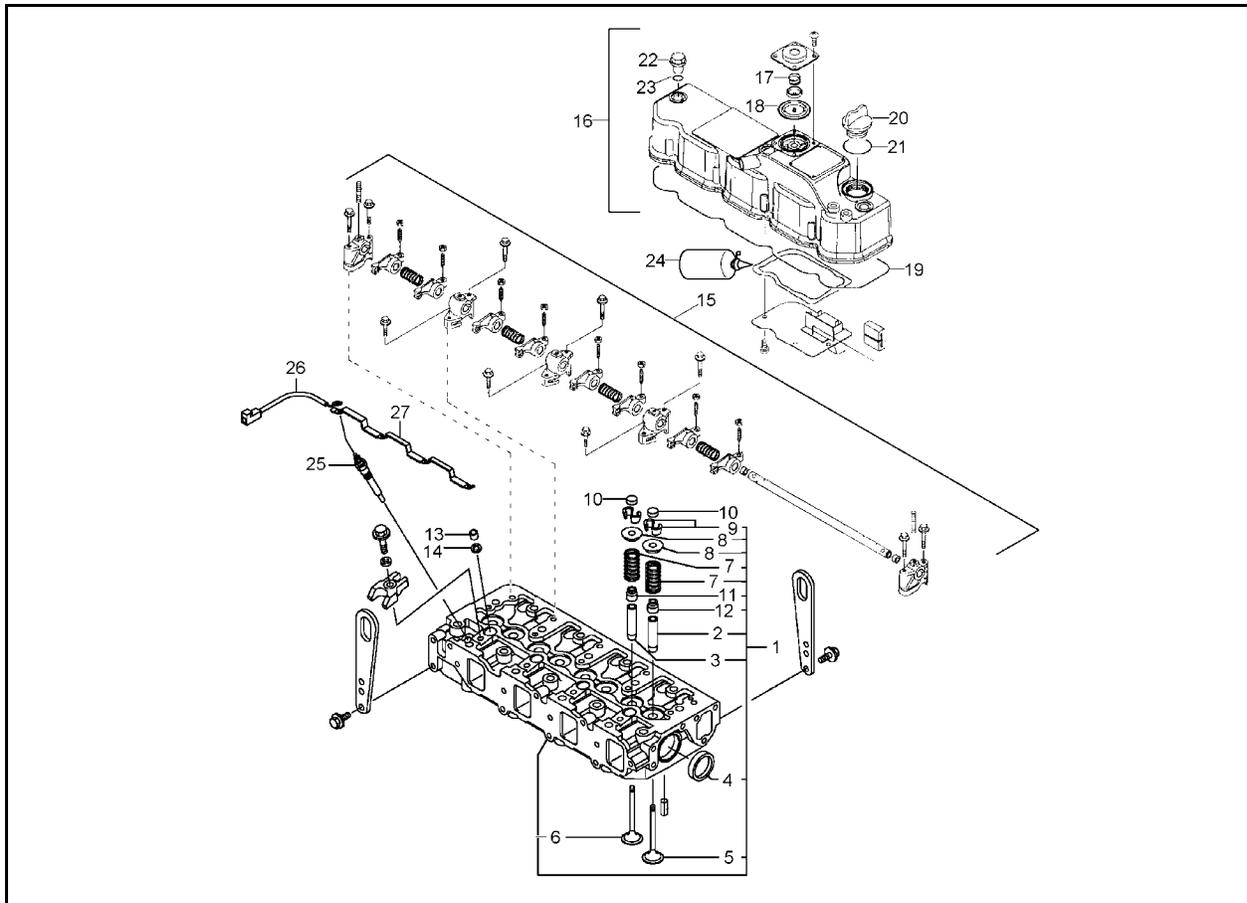
1000116004 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162392	ENGINE MOUNT-FRONT	1	9	165224	GROUND CABLE	1
2	202465	ENGINE MOUNT-REAR (SN AD04651 and up)	1	10	177648	HEX SCREW	2
3	177756	ENGINE MOUNT-REAR (SN AD04650 and before)	1	11	163670	LOCKWASHER	2
4	177936	ENGINE MOUNT-REAR	1	12	163634	FLATWASHER	2
5	162393	ENGINE MOUNT-FRONT	1	13	651397	CS M10-1.5X35 C8.8 ZY	4
6	651473	SHCS M10-1.2 X 25 8.8 ZO	16	14	161646	WASHER/GR A 15 DIN125	4
7	161669	LOCKWASHER S10	24	15	163651	WASHER	4
8	161640	SPACER	24	16	656090	CS M10-1.50X16 C8.8 ZO	8
				17	160645	MOTOR MOUNT	4

503Z - CYLINDER HEAD, VALVE COVER

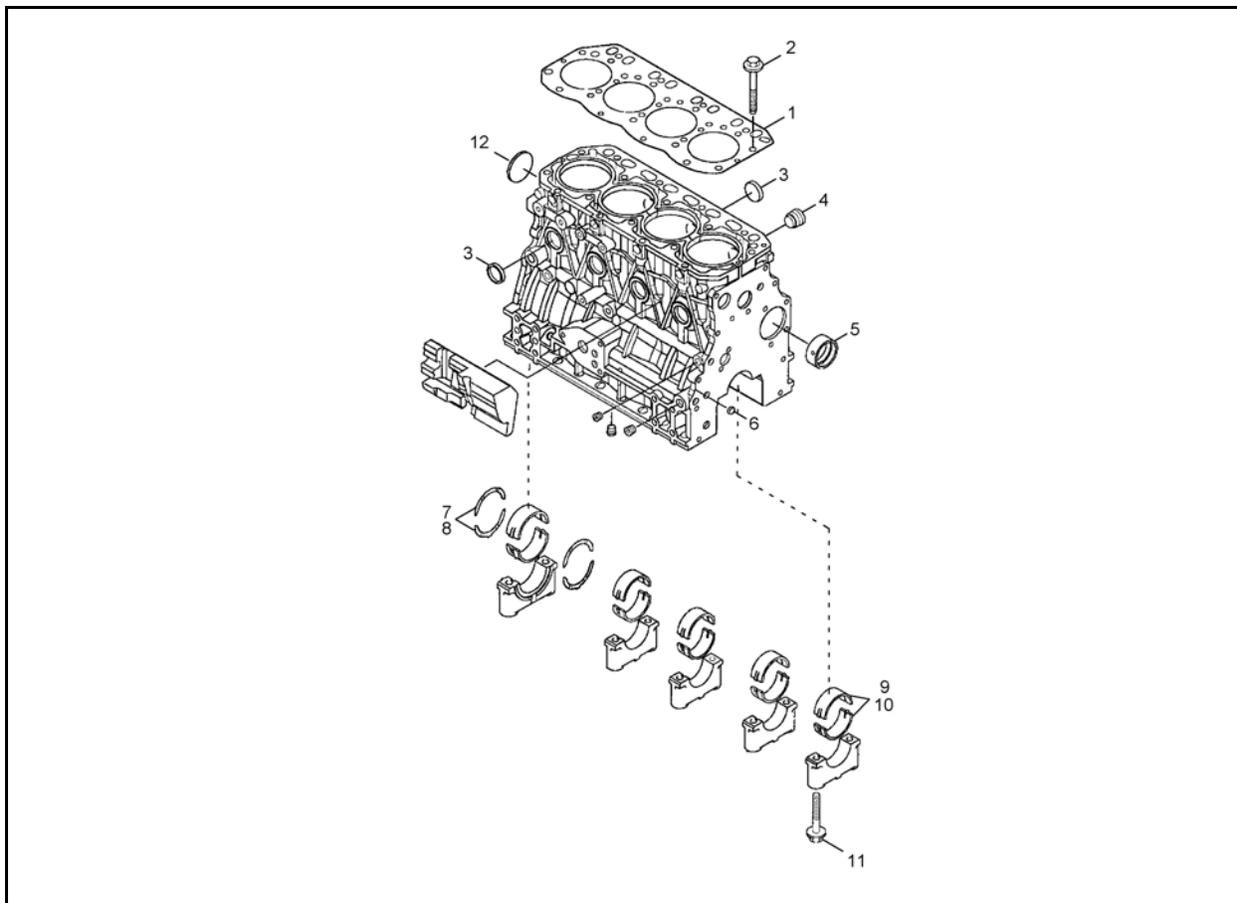
1000181478, 1000124263



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202466	CYLINDER HEAD	1	13	177350	SHIELD	4
	177630	CYLINDER HEAD (SN AC02471 - AD07125)	1	14	206380	SEAL RING	4
2	177293	GUIDE	4	15	206381	SHAFT	1
3	177255	VALVE	4	16	177278	VALVE COVER	1
4	177236	PLUG	2	17	206382	SPRING	1
5	202467	INTAKE VALVE	4	18	206383	DIAPHRAM	1
	177292	INTAKE VALVE (SN AC02471 - AD07125)	4	19	177729	VALVE COVER SEAL	1
6	177291	EXHAUST VALVE	4	20	164662	FILLER CAP	1
7	177295	SPRING	8	21	177242	O-RING	1
8	177296	SPACER	8	22	206385	HEADNUT	3
9	177297	CLAMP	8	23	164666	O-RING	3
10	206069	CAP	8	25	202468	GLOW PLUG	4
11	177246	SEAL KIT	4	26	202469	CABLE	1
12	177246	SEAL KIT	4	27	202470	CONNECTION	1

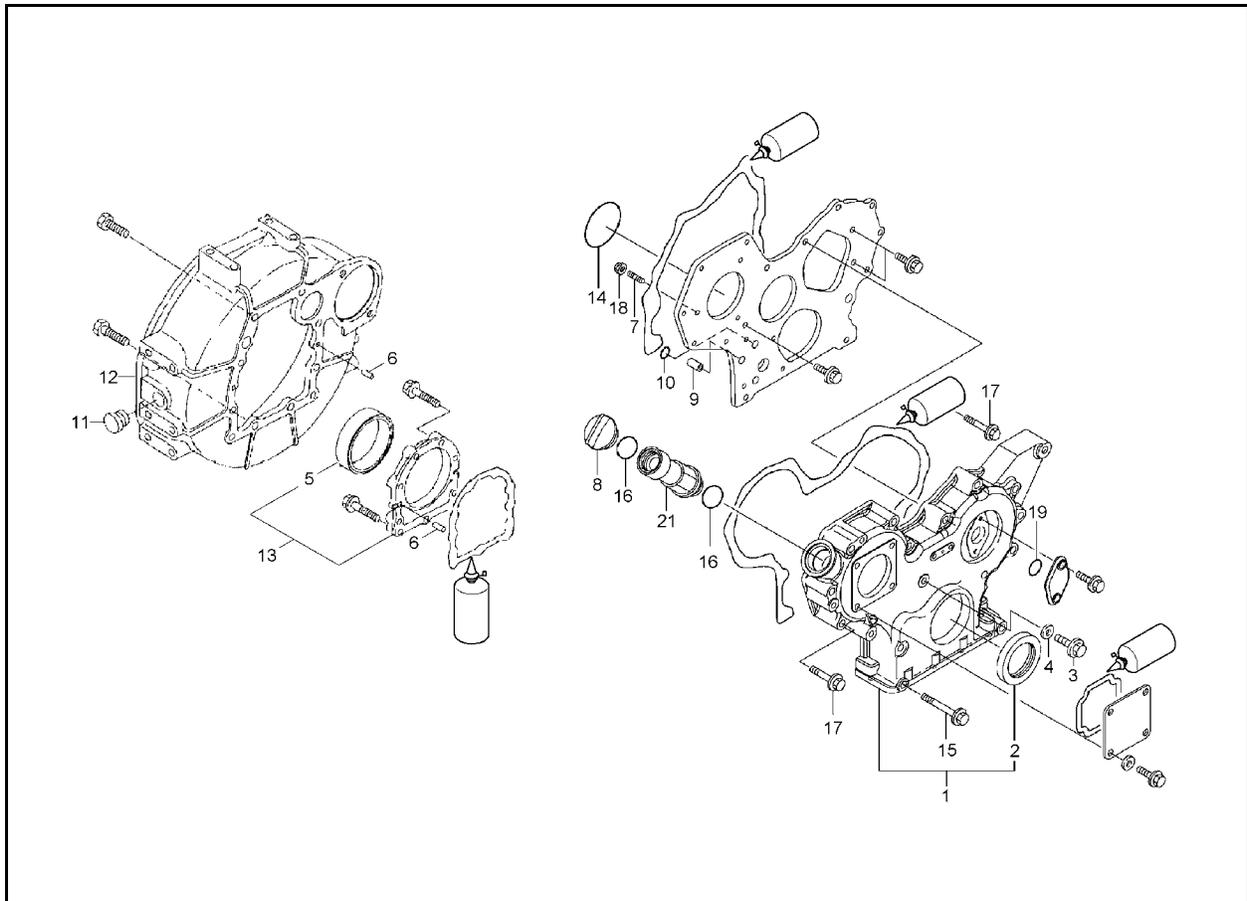
503Z - CYLINDER BLOCK

1000124408



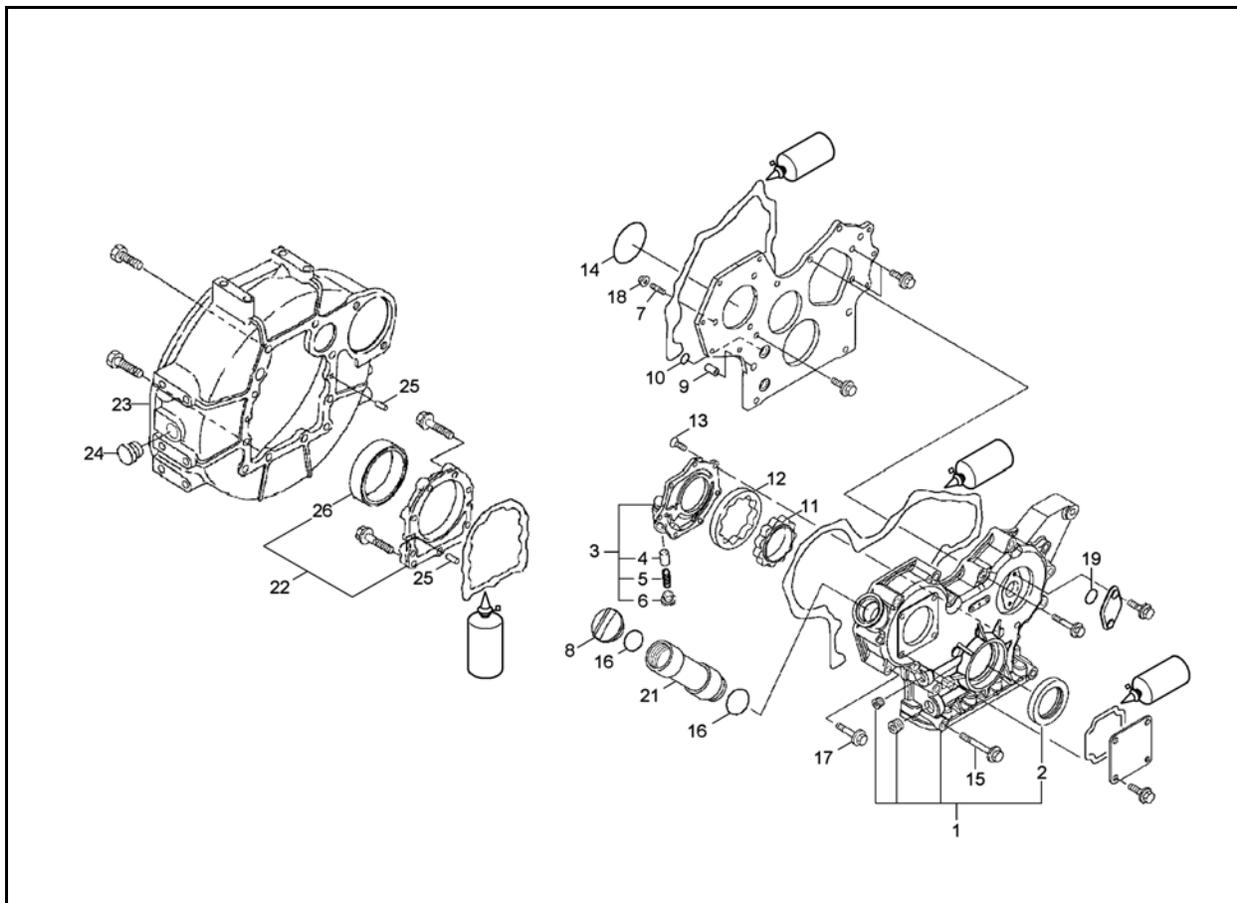
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36006	CYLINDER HEAD GASKET	1	7	177240	AXIAL BEARING	2
2	206387	CYLINDER HEAD SCREW	18	8	177362	AXIAL BEARING (OS=0.25)	2
3	0210110506	COVER	8	9	177288	MAIN BEARING SET	5
4	206388	PLUG	1	10	177241	MAIN BEARING SET (US=0.25)	5
5	177290	BUSHING	1	11	206389	SCREW	10
6	177260	PLUG	2	12	177252	PLUG	1

503Z - SEAL - CRANKSHAFT
1000181480 - (SN AH00579 AND UP)



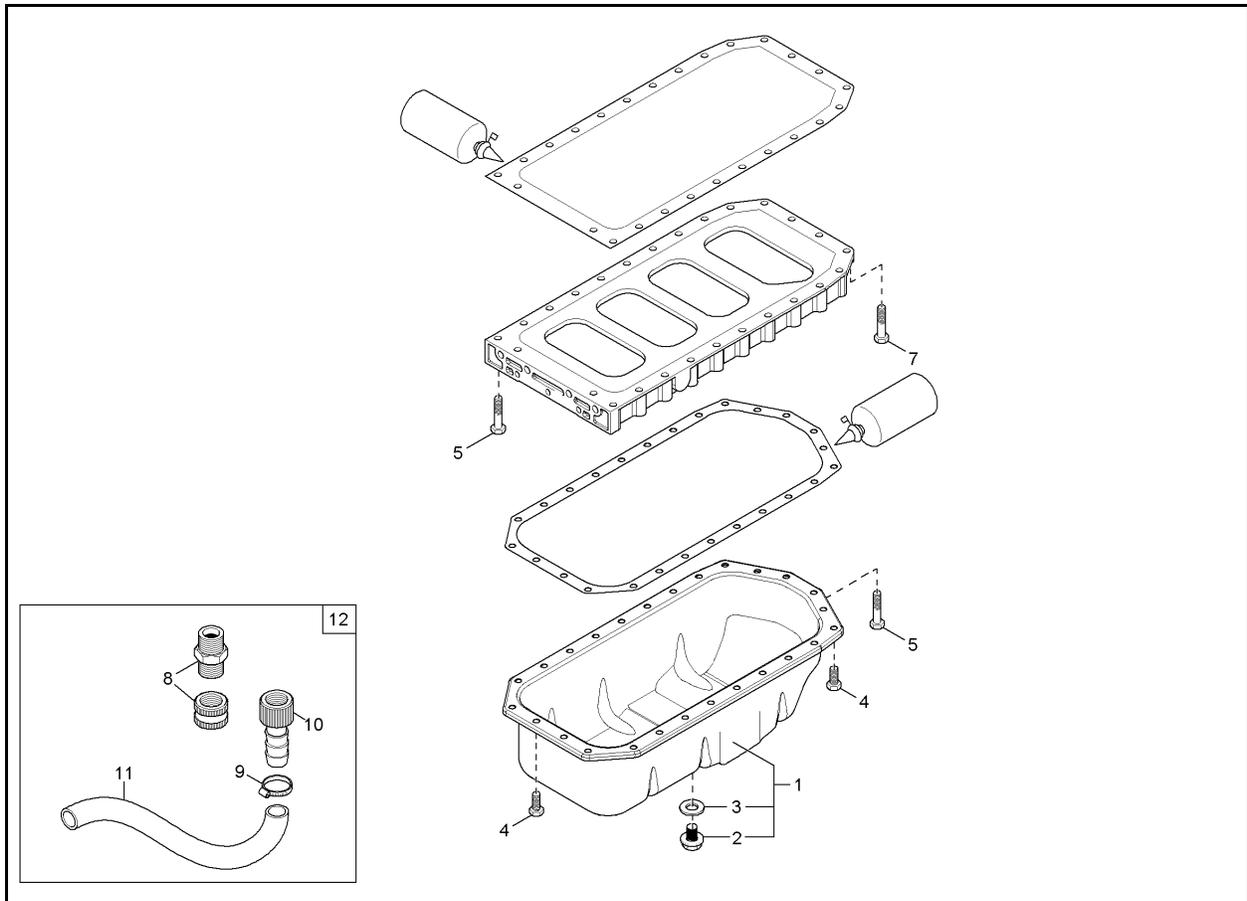
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202471	GEARBOX	1	11	177249	RUBBER PLUG	1
2	202472	SHAFT SEAL	1	12	177326	FLYWHEEL HOUSING	1
3	206251	SCREW	1	13	177323	COVER	1
4	177462	SEAL RING	1	14	177263	O-RING	1
5	177324	SHAFT SEAL	1	15	177322	SCREW	3
6	208161	FITTING PIN	4	16	177242	O-RING	2
7	177372	STUD BOLT	3	17	164434	SCREW	12
8	164662	FILLER CAP	1	18	177400	HEXAGON NUT	3
9	207031	PIPELINE	2	19	164779	O-RING	1
10	206391	O-RING	2	21	177250	OIL FILLER PIPE	1

503Z - SEAL - CRANKSHAFT
1000124554 - (SN AC02471 - AD07125)



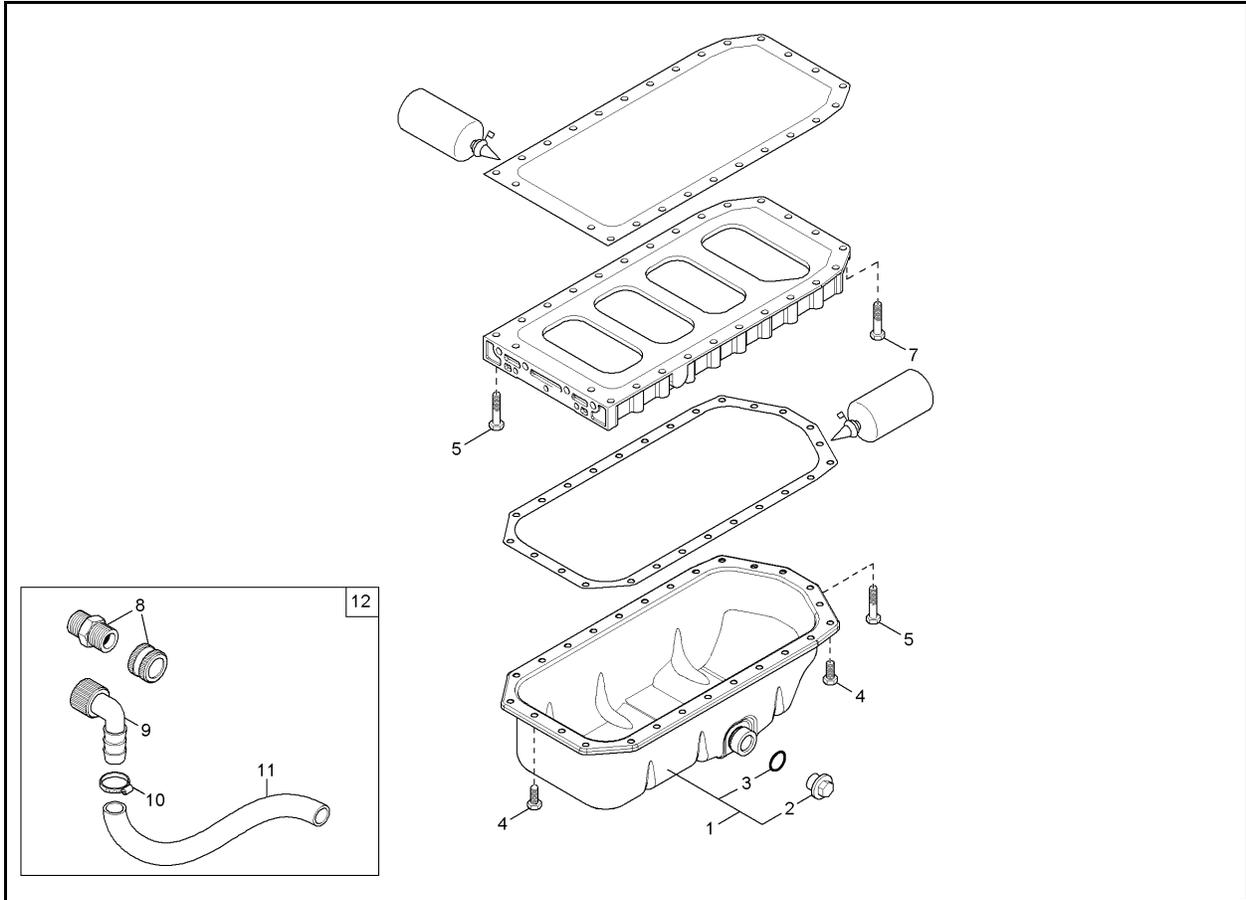
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177321	GEARBOX	1	14	177263	O-RING	1
2	177238	SHAFT SEAL	1	15	177322	SCREW	3
3	177368	COVER	1	16	177242	O-RING	2
4	177369	VALVE	1	17	164434	SCREW	12
5	177370	SPRING	1	18	177400	HEXAGON NUT	3
6	177371	PLUG	1	19	164779	O-RING	1
7	177372	STUD BOLT	3	21	177250	OIL FILLER PIPE	1
8	164662	FILLER CAP	1	22	177323	COVER	1
9	207031	PIPELINE	2	23	177326	FLYWHEEL HOUSING	1
10	206391	O-RING	4	24	177249	RUBBER PLUG	1
11	177374	GEAR	1	25	208161	FITTING PIN	4
12	177375	GEAR	1	26	177324	SHAFT SEAL	1
13	177367	SCREW	7				

503Z - OIL PAN
1000128093 - (SN AC02514 AND UP)



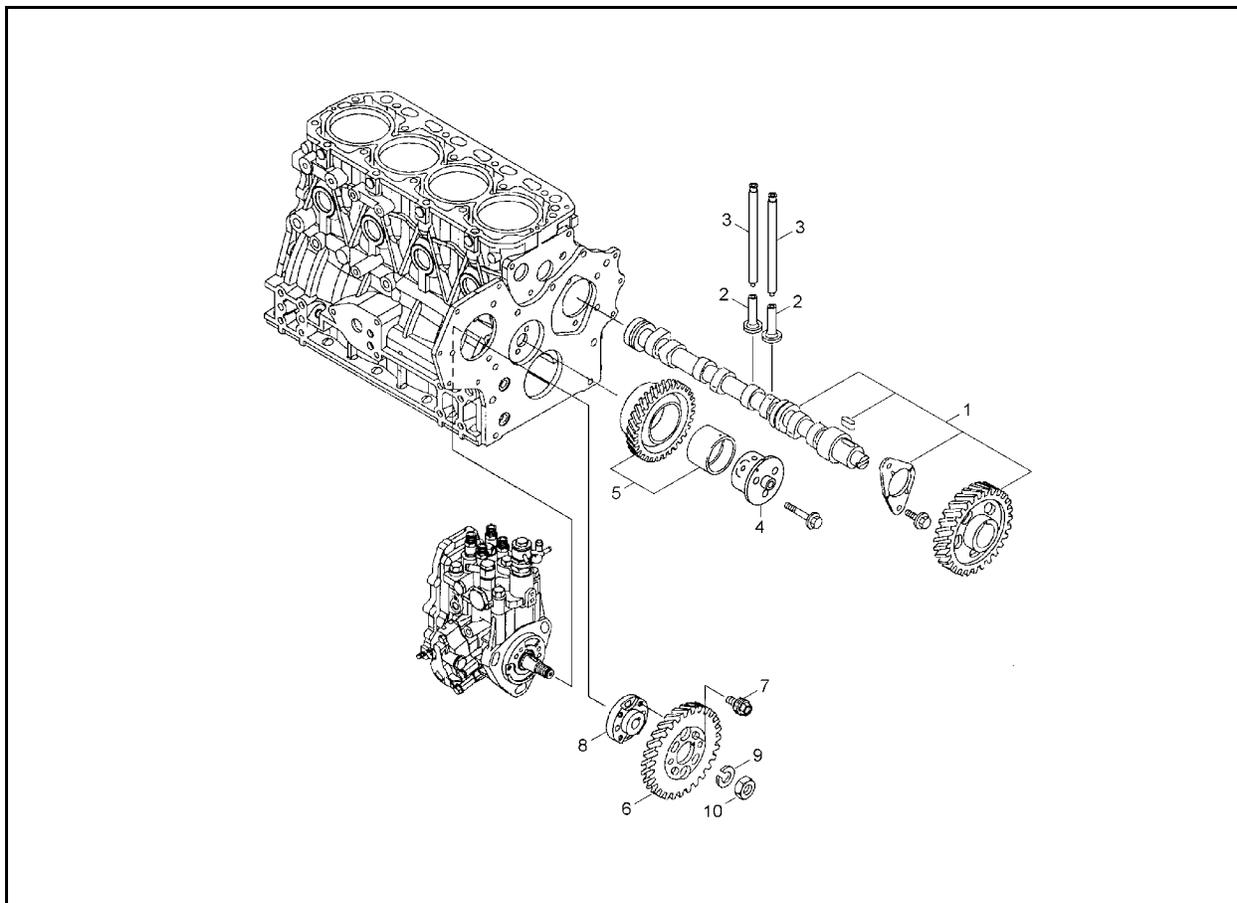
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206393	OIL PAN ASSEMBLY	1	8	177239	DRAIN COUPLER	1
2	425-34753	PLUG/OIL DRAIN	1	9	162064	HOSE CLAMP	1
3	177665	O-RING	1	10	0003634062	DRAIN COUPLING	1
4	164316	SCREW M8X16 PLATED	4	11	207290	FLEXIBLE TUBE (0.5M)	1
5	177402	SCREW	24	12	177021	DRAIN KIT	1
7	164438	SCREW	2				

503Z - OIL PAN
1000124247 - (SN AC02513 AND BEFORE)



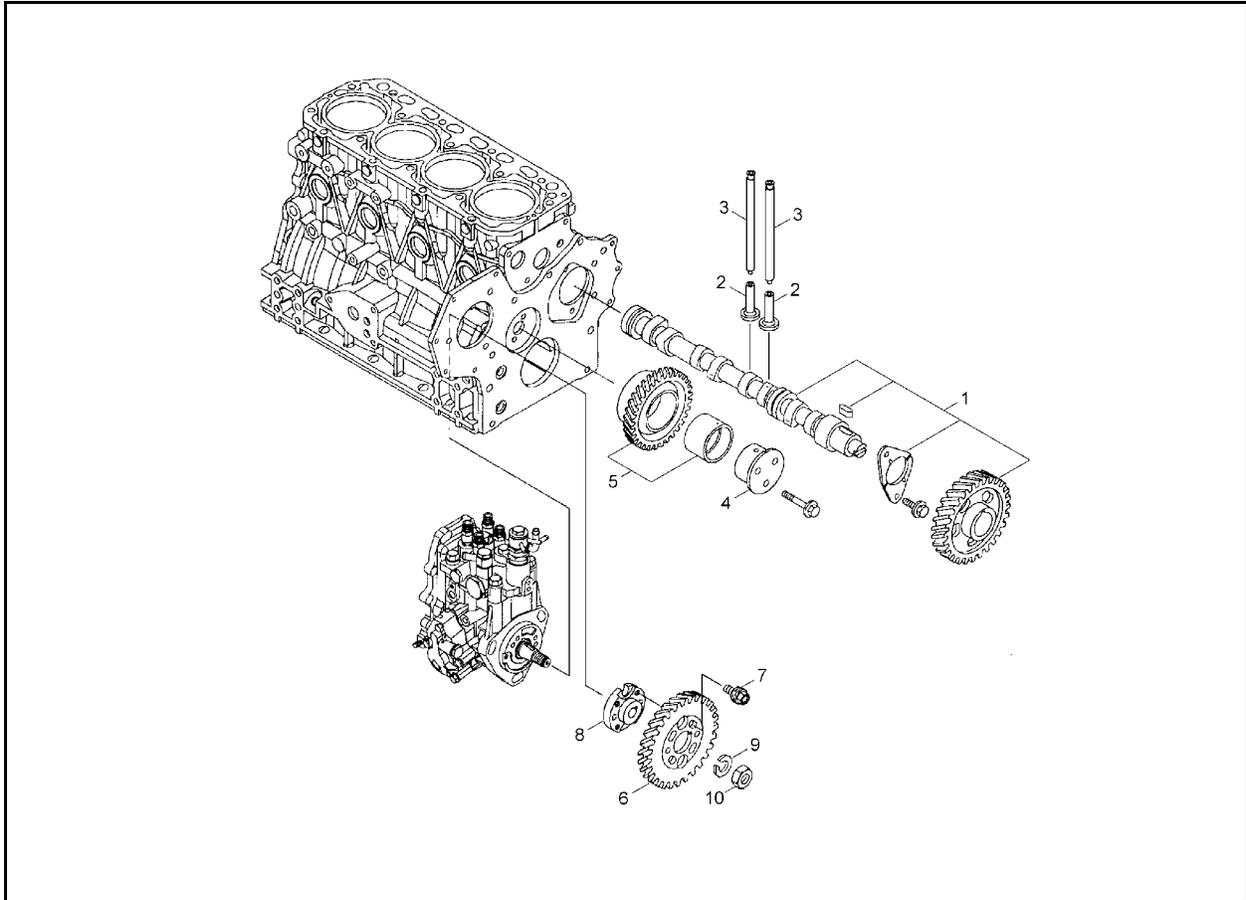
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	425-36087	OIL PAN ASSEMBLY	1	8	177239	DRAIN COUPLER	1
2	425-34753	OIL DRAIN PLUG	1	9	177267	DRAIN COUPLING	1
3	177665	O-RING	1	10	162064	HOSE CLAMP	1
4	164316	HEX SCREW	4	11	207290	FLEXIBLE TUBE (0.5M)	1
5	177402	SCREW	24	12	207443	DRAIN KIT	1
7	164438	HEX SCREW	2				

503Z - CAMSHAFT
1000181481 - (SN AH00579 AND UP)



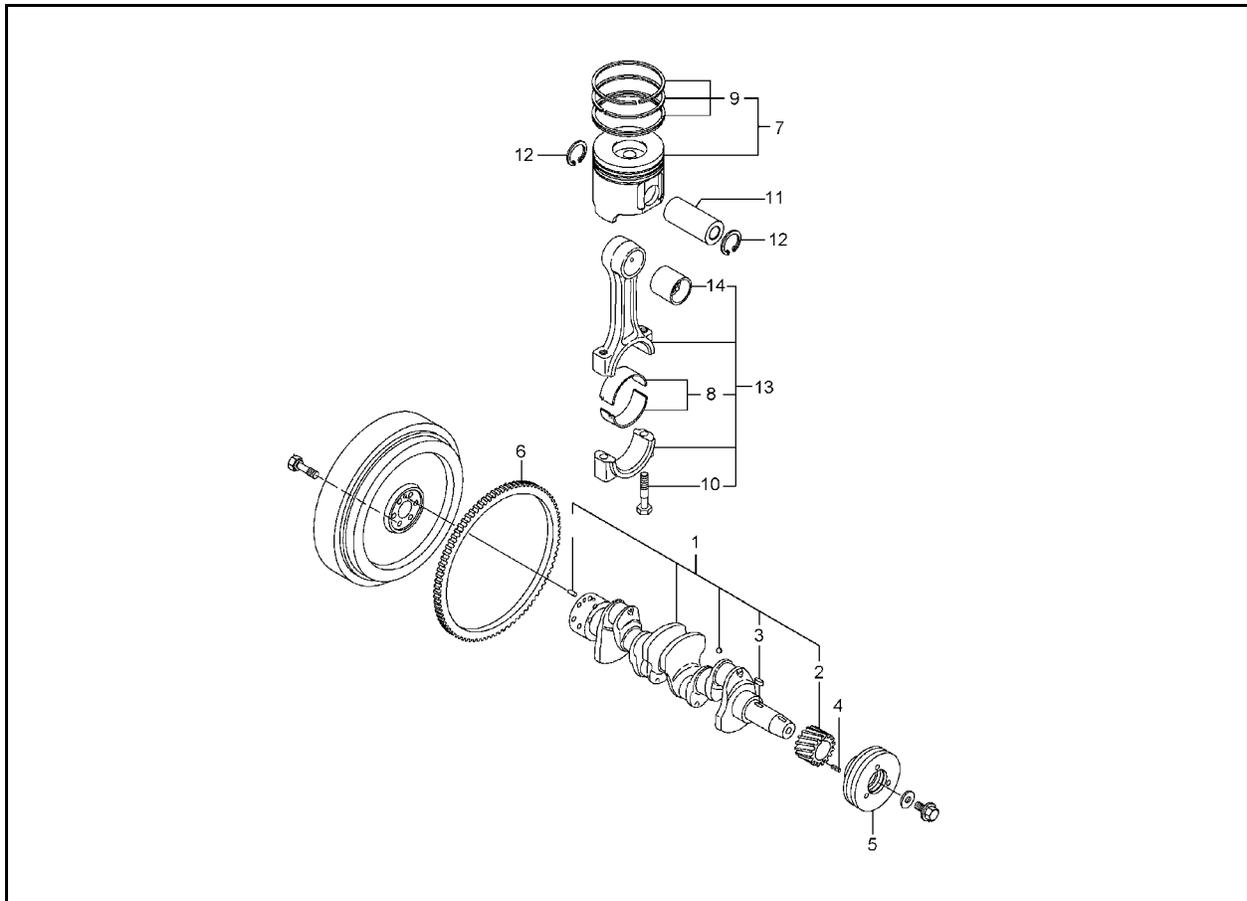
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206394	CAMSHAFT ASSEMBLY	1	6	177300	GEAR	1
2	177346	LIFTER	8	7	207036	SCREW	4
3	177270	PUSH ROD	8	8	177364	FLANGE	1
4	202473	BRACKET	1	9	177365	SPRING RING	1
5	177303	GEAR	1	10	177366	NUT	1

503Z - CAMSHAFT
1000124410 - (SN AC02471 - AD07125)



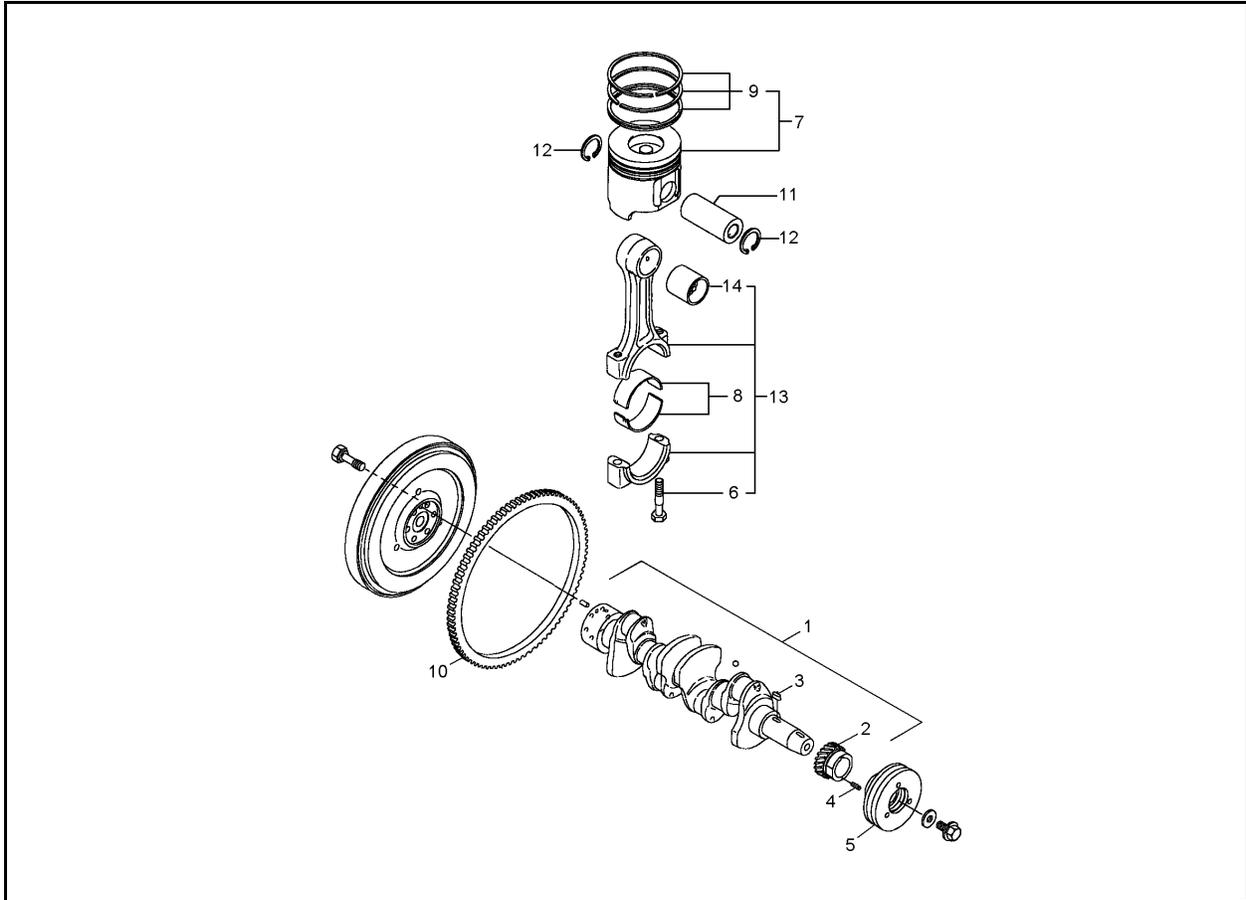
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206394	CAMSHAFT ASSEMBLY	1	6	177300	GEAR	1
2	177346	LIFTER	8	7	207036	SCREW	4
3	177270	PUSH ROD	8	8	177364	FLANGE	1
4	177302	BRACKET	1	9	177365	SPRING RING	1
5	177303	GEAR	1	10	177366	NUT	1

503Z - CRANKSHAFT, PISTON 1000181482 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202474	CRANK SHAFT	1	9	177314	PISTON RING SET	4
2	202475	GEAR	1		177356	PISTON RING SET (OS=0.25)	4
3	177301	FITTING KEY	1	10	206909	SCREW	8
4	177313	SPRING PIN	1	11	177317	PIN	4
5	205009	BELT PULLEY	1	12	177315	LOCK RING	8
6	209482	RING GEAR	1	13	177258	CONNECTING ROD	4
7	177316	PISTON	4	14	177318	BUSHING	4
	177357	PISTON (OS=0.25)	4				
8	177319	CONN. ROD BEARING	4				
	177269	CONN. ROD BEARING (US=0.25)	4				

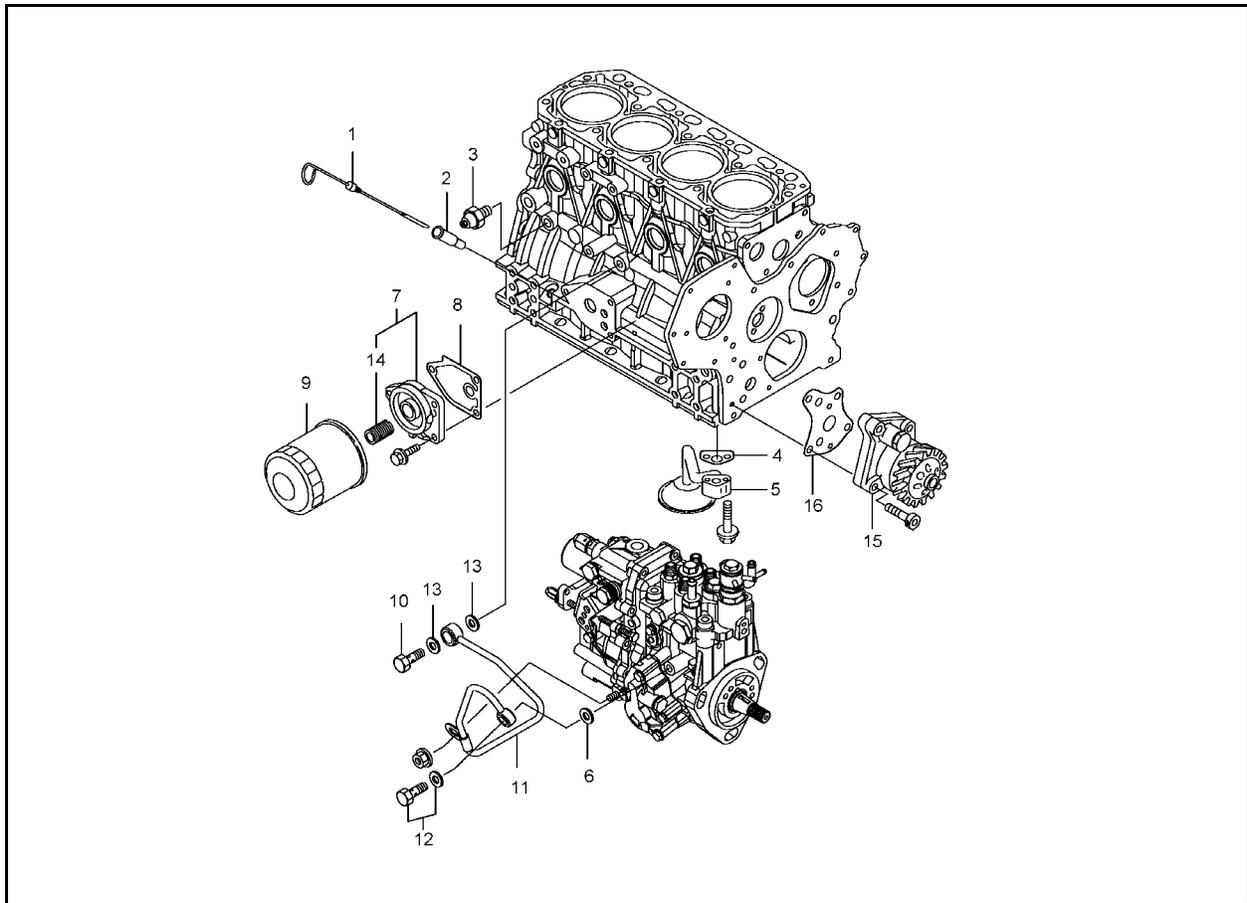
503Z - CRANKSHAFT, PISTON
1000156124 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177353	CRANK SHAFT	1	8	177319	BEARING	4
2	177354	GEAR	1		177269	BEARING (US=0.25)	4
3	177301	FITTING KEY	1	9	177314	PISTON RING SET	4
4	177313	SPRING PIN	1		177356	PISTON RING SET (OS=0.25)	4
5	205009	BELT PULLEY (SN AD04629 and up)	1	10	209482	RING GEAR	1
	177280	BELT PULLEY (SN AD04628 and before)	1	11	177317	PIN	4
6	206909	SCREW	8	12	177315	LOCK RING	8
7	177316	PISTON	4	13	177258	CONNECTING ROD	4
	177357	PISTON (OS=0.25)	4	14	177318	BUSHING	4

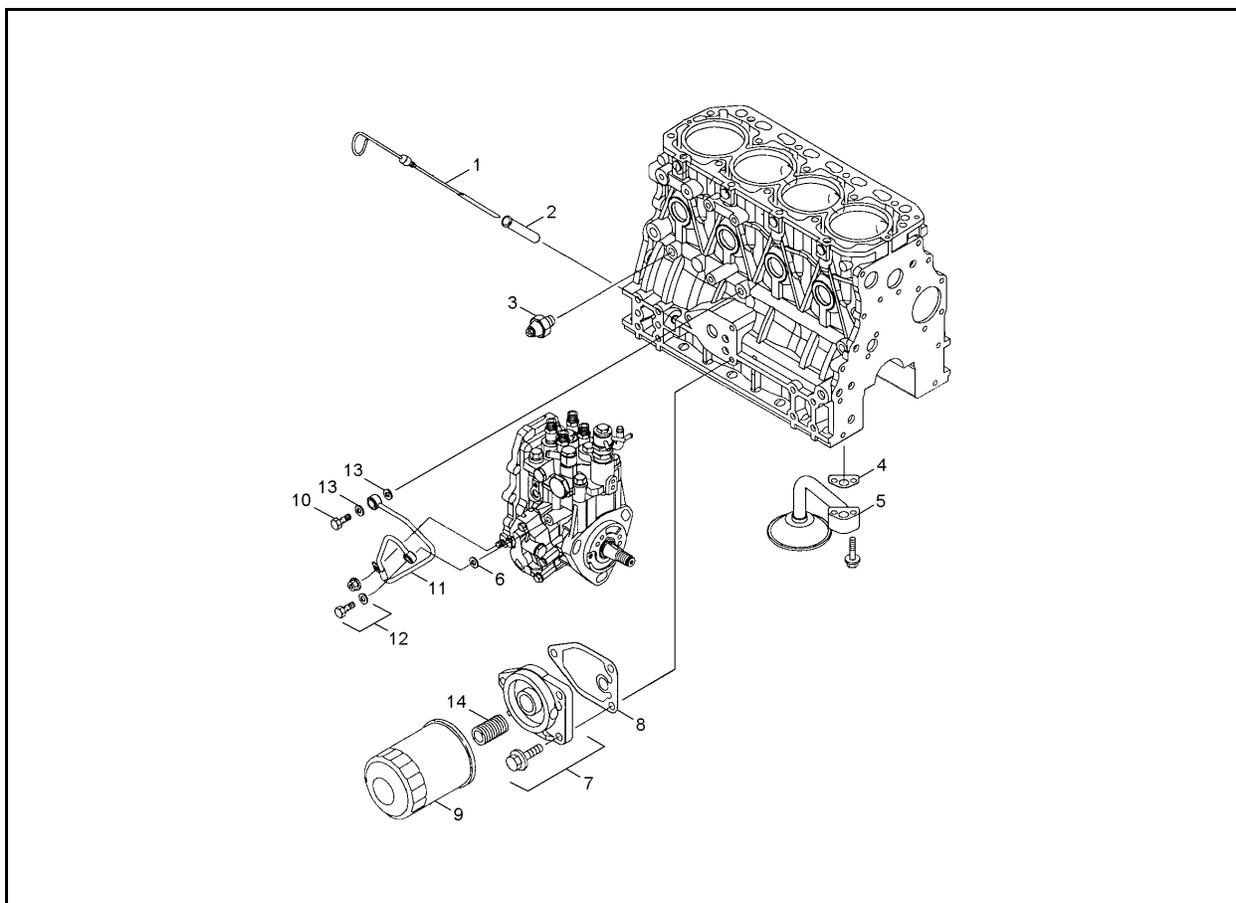
503Z - LUBRICATION

1000181487 - (SN AH00579 AND UP)



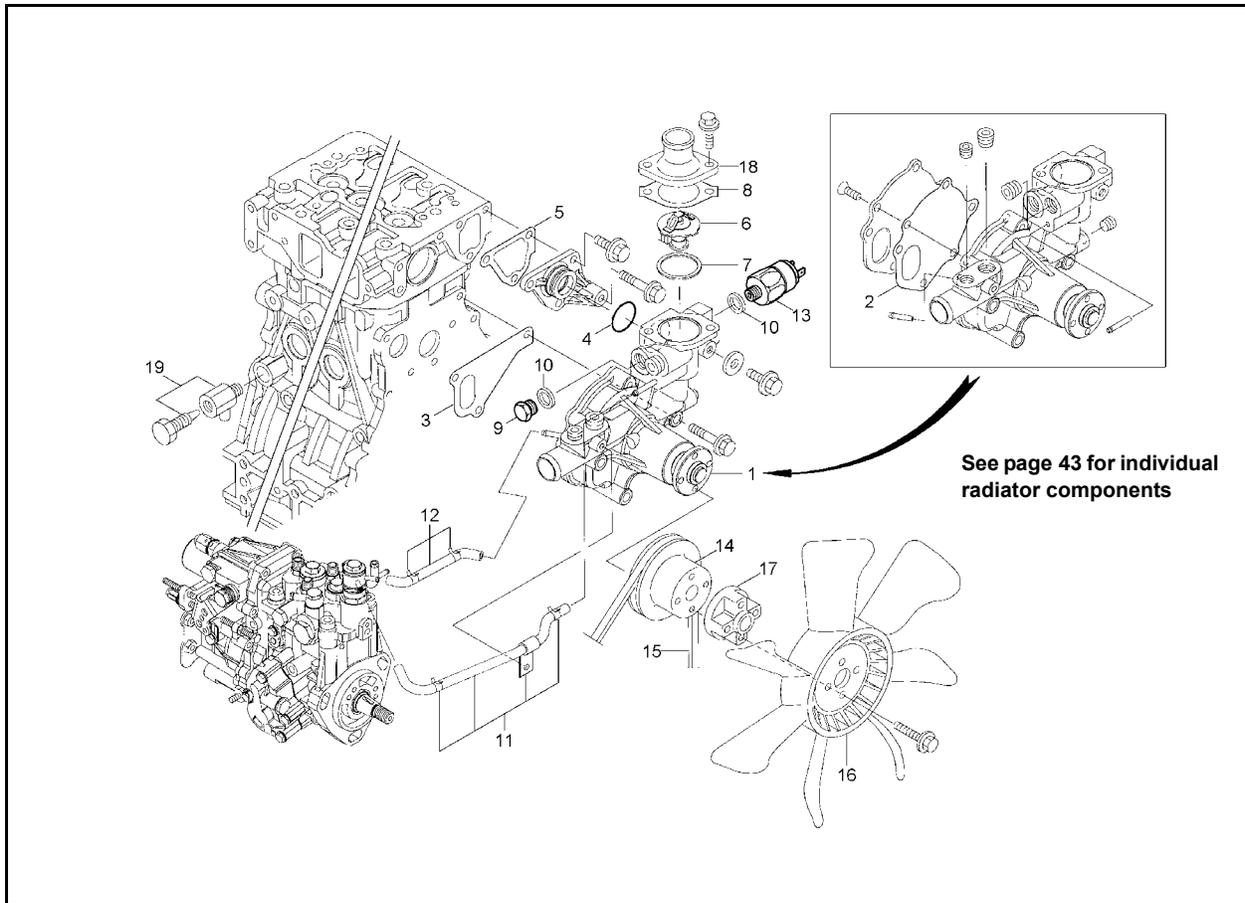
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177359	DIPSTICK	1	9	137500	ENGINE OIL FILTER	1
2	177234	DIPSTICK TUBE	1	10	209922	BANJO BOLT	1
3	425-36085	SENDER/OIL PRESSURE	1	11	177328	PIPE LINE	1
4	177251	OIL SUMP GASKET	1	12	177100	BANJO BOLT	1
5	177281	OIL SUMP	1	13	209549	SEAL RING	2
6	177462	SEAL RING	1	14	206395	SCREW JOINT	1
7	177360	FILTER HOUSING ASSY	1	15	204795	LUBRICATION OIL PUMP	1
8	177257	FILTER BASE GASKET	1	16	202476	SEAL	1

503Z - LUBRICATION
1000124481 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177359	DIPSTICK	1	8	177257	FILTER BASE GASKET	1
2	177234	DIPSTICK TUBE	1	9	137500	ENGINE OIL FILTER	1
3	425-36085	SENDER/OIL PRESSURE	1	10	209922	BANJO BOLT	1
4	177251	OIL SUMP GASKET	1	11	177328	PIPE LINE	1
5	177281	OIL SUMP	1	12	177100	BANJO BOLT	1
6	177462	SEAL RING	1	13	209549	SEAL RING	2
7	177360	FILTER HOUSING ASSY	1	14	206395	SCREW JOINT	1

503Z - COOLING SYSTEM
1000181488 - (SN AH00579 AND UP)

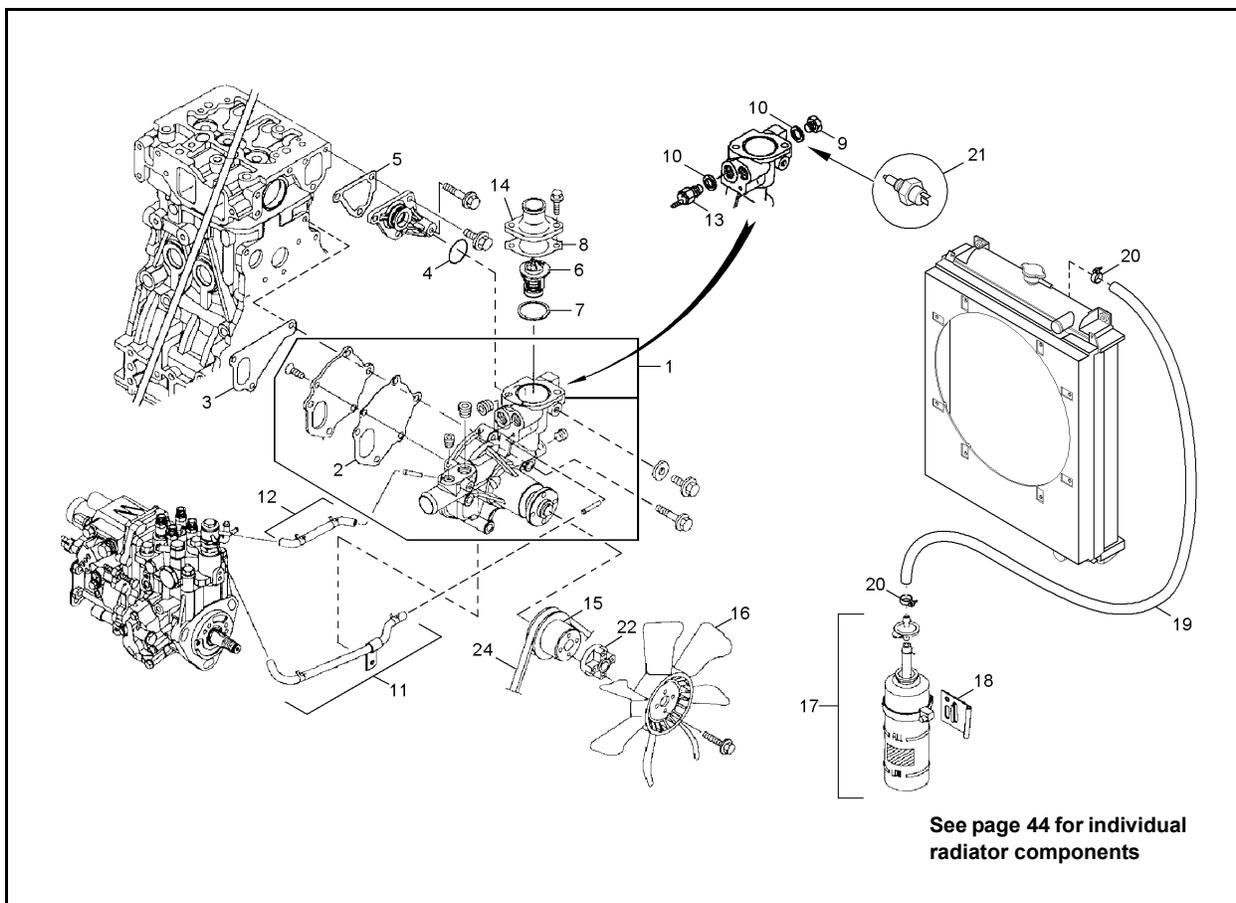


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177274	WATER PUMP	1	11	177335	PIPE LINE	1
2	177275	WATER PUMP GASKET	1	12	177339	PIPE LINE	1
3	177273	WATER PUMP SEAL	1	13	208209	TEMPERATURE SENSOR	1
4	177271	O-RING	1	14	209474	BELT PULLEY	1
5	177253	GASKET THERMOSTAT	1	15	202477	V-BELT (NON A/C)*	1
6	425-34661	THERMOSTAT	1	16	177632	RADIATOR FAN	1
7	177237	GASKET THERMOSTAT	1	17	202478	FAN SPACER	1
8	425-34704	GASKET/UPPER	1	18	177254	THERMOSTAT HOUSING	1
9	164441	PLUG	1	19	202479	DRAIN VALVE	1
10	160427	SEAL	2				

* For A/C Belt, see page 168.

503Z - COOLING SYSTEM

1000124324 - (SN AC02471 - AD07125)



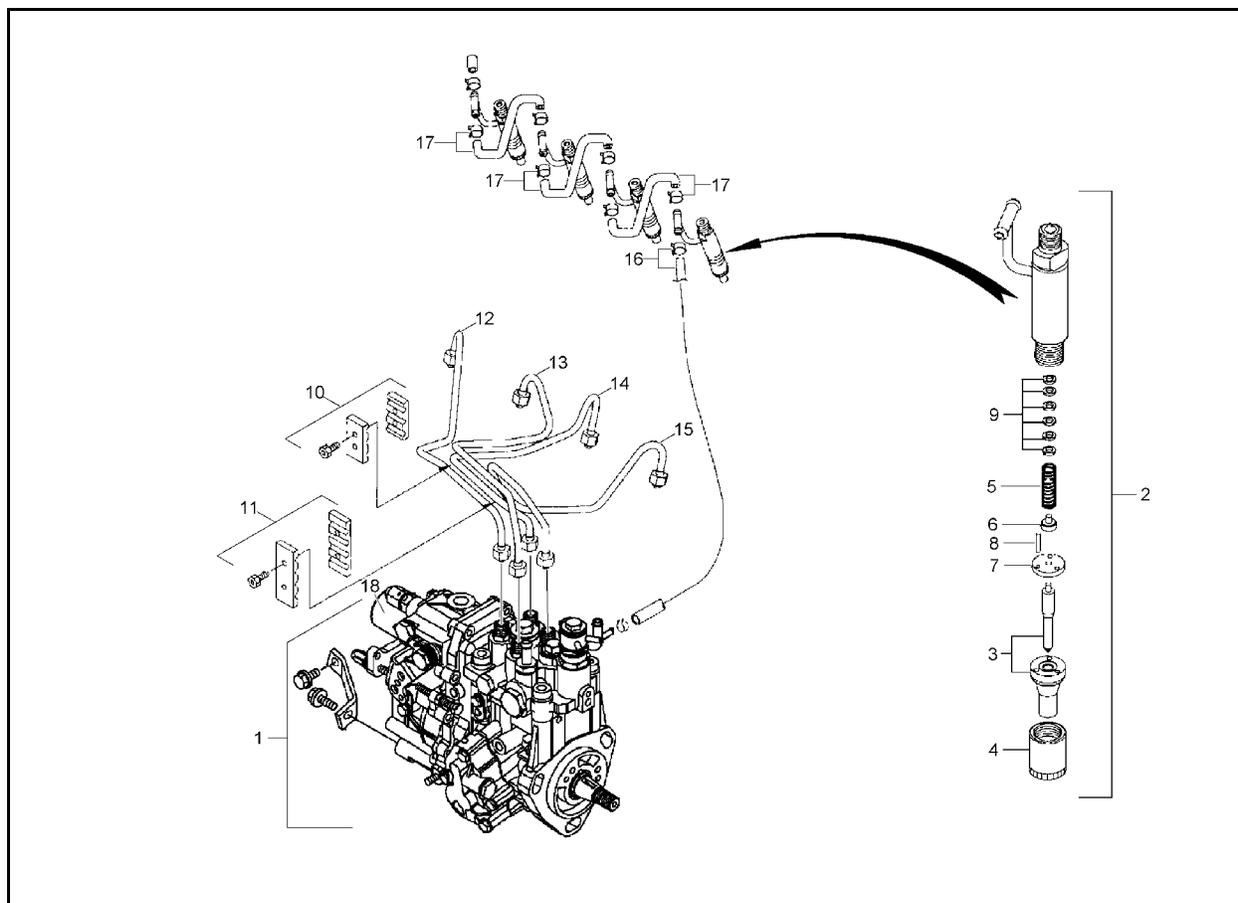
Ref. No.	Part No.	Description	Qty.
1	177274	WATER PUMP	1
2	177275	WATER PUMP GASKET	1
3	177273	WATER PUMP SEAL	1
4	177271	O-RING	1
5	177253	GASKET/THERMOSTAT	1
6	425-34661	THERMOSTAT	1
7	177237	GASKET/THERMOSTAT	1
8	425-34704	GASKET/THERMOSTAT	1
9	164441	PLUG	1
10	160427	SEAL RING	2
11	177335	PIPE LINE	1
12	177339	PIPE LINE	1
13	425-34683	SENSOR/THERMOSTAT 110° C	1
14	177254	THERMOSTAT HOUSING	1

Ref. No.	Part No.	Description	Qty.
15	209474	BELT PULLEY (SN AD04629 and up)	1
	177248	BELT PULLEY (SN AD04628 and before)	1
16	177632	RADIATOR FAN	1
17	177415	EXPANSION TANK ASSY	1
18	425-36152	BRACKET/SUB-TANK	1
19	207270	FUEL LINE (0.40M)	1
20	162065	CLAMP	2
21	208209	TEMPERATURE SENSOR	1
22	177265	FAN SPACER	1
24	202477	V-BELT (NON A/C)* (SN AD04629 and up)	1
	177630	V-BELT (NON A/C)* (SN AD04628 and before)	1

* For A/C Belt, see page 169.

503Z - FUEL INJECTION SYSTEM

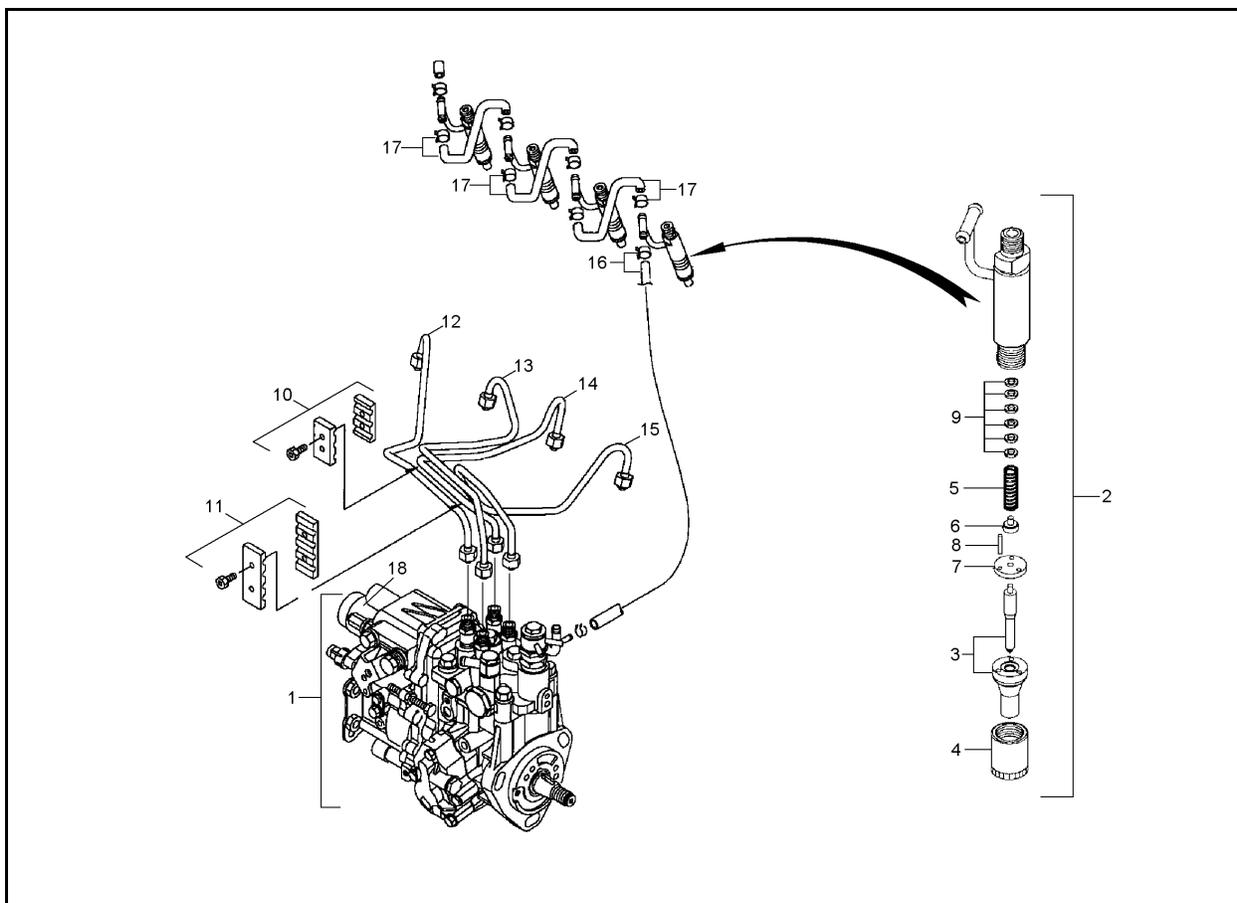
1000181486 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202480	INJECTION PUMP	1	10	177344	CLAMP	1
2	202481	INJECTION NOZZLE	4	11	177348	CLAMP	1
3	202482	NOZZLE	4	12	177285	INJECTION LINE	1
4	164368	NUT	4	13	177284	INJECTION LINE	1
5	164370	SPRING - NOZZLE	4	14	177283	INJECTION LINE	1
6	164371	SEAT- NOZZLE SPRING	4	15	177282	INJECTION LINE	1
7	164372	PLATE - STOP	4	16	177358	TUBE	1
8	164373	PIN	8	17	209933	BLEED LINE	3
9	202483	ADJUSTING WASHER	4	18	189575	SOLENOID/STOP	1

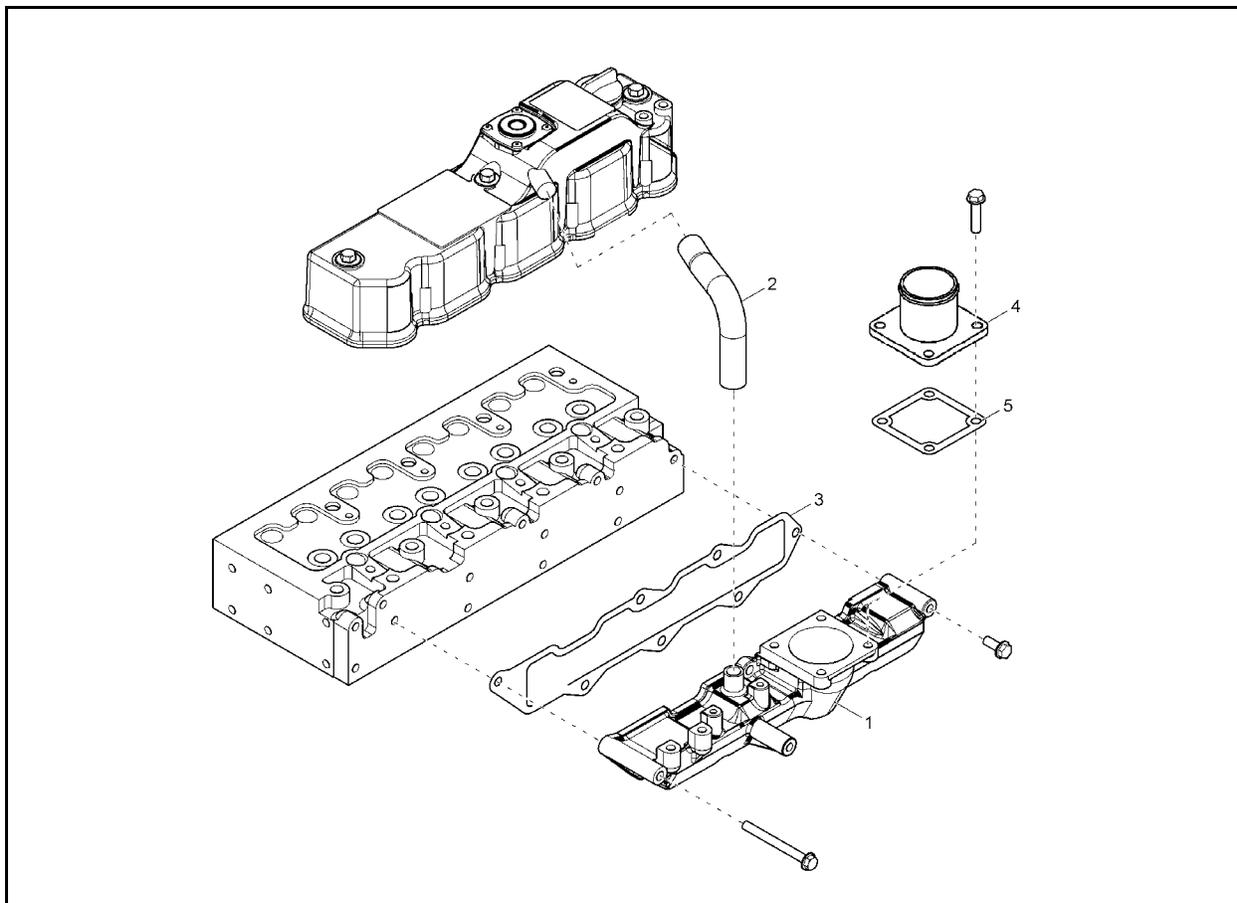
503Z - FUEL INJECTION SYSTEM

1000124477 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206396	INJECTION PUMP	1	10	177344	CLAMP	1
2	207382	INJECTION NOZZLE	4	11	177348	CLAMP	1
3	206397	NOZZLE	4	12	177285	INJECTION LINE	1
4	164368	NUT	4	13	177284	INJECTION LINE	1
5	164370	SPRING NOZZLE	4	14	177283	INJECTION LINE	1
6	164371	SEAT-NOZZLE SPRING	4	15	177282	INJECTION LINE	1
7	164372	PLATE-STOP	4	16	177358	TUBE	1
8	164373	PIN	8	17	209933	BLEED LINE	3
9	164663	ADJUSTING WASHER	4	18	189575	SOLENOID/STOP	1

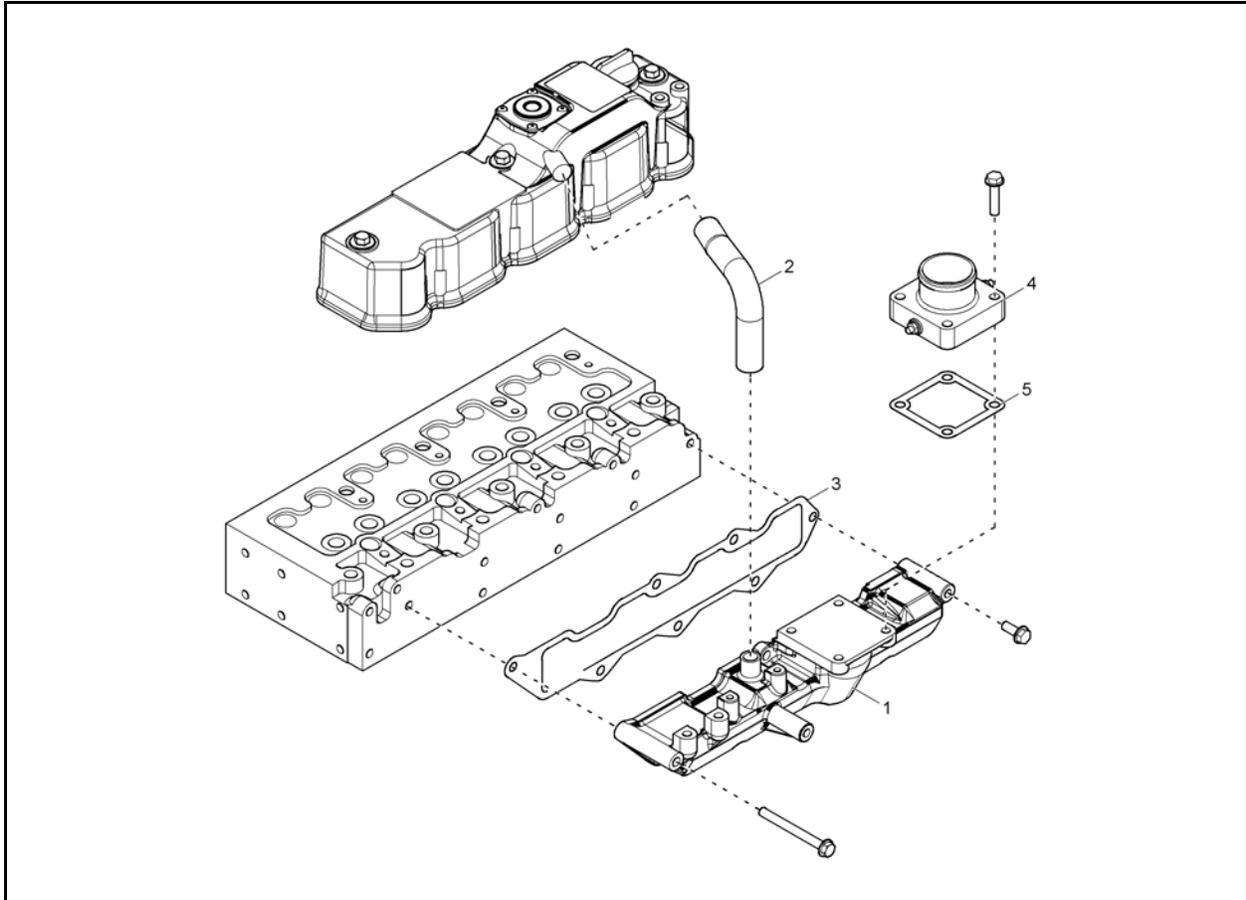
503Z - INTAKE MANIFOLD
1000181489 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.
1	177279	INTAKE MANIFOLD	1
2	177304	BREATHER	1
3	177286	INTAKE MANIFOLD GASKET	1

Ref. No.	Part No.	Description	Qty.
4	202484	INTAKE FLANGE	1
5	177268	GASKET	1

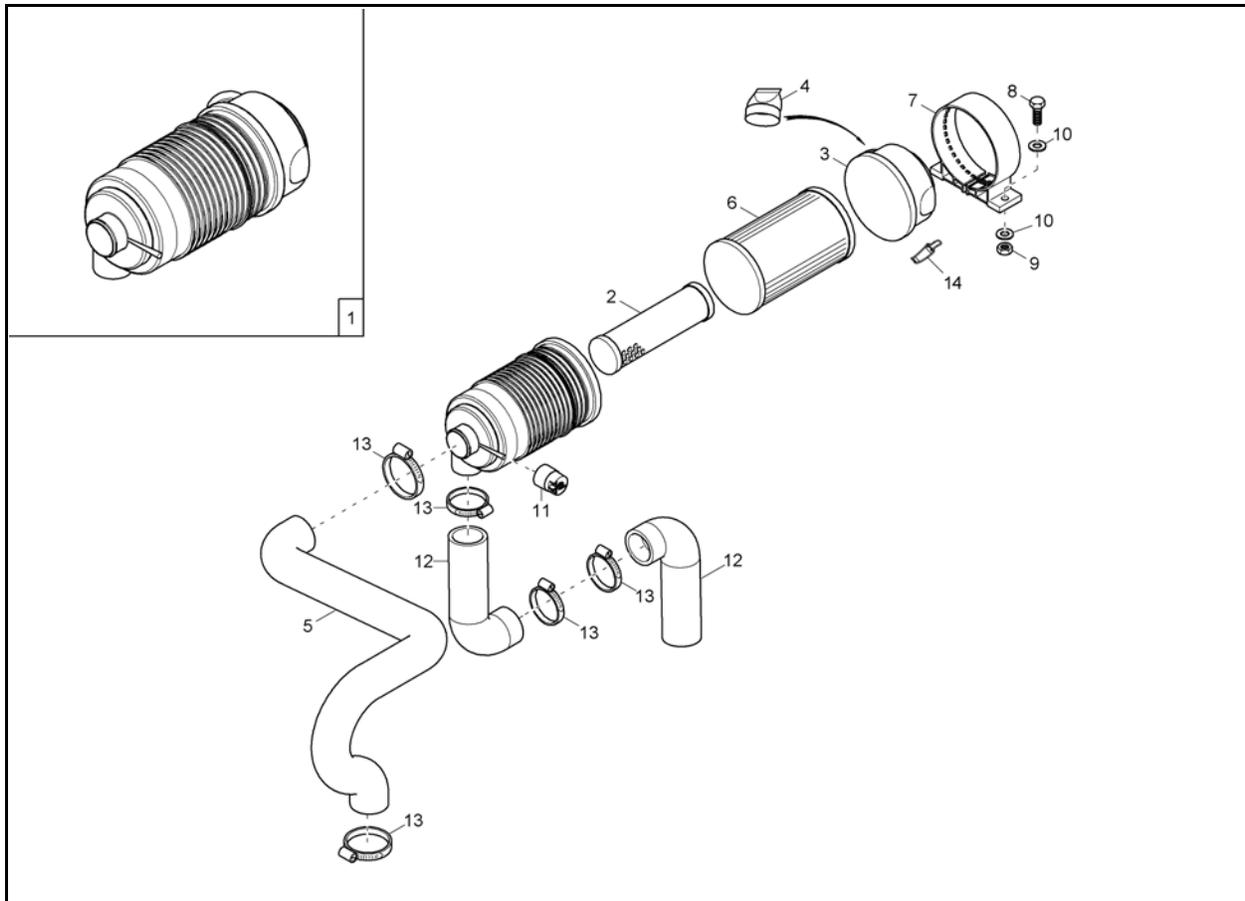
503Z - INTAKE MANIFOLD
1000124249 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177279	INTAKE MANIFOLD	1	4	425-35492	INTAKE FLANGE	1
2	177304	BREATHER	1	5	177268	GASKET	1
3	177286	INTAKE MANIFOLD GASKET	1				

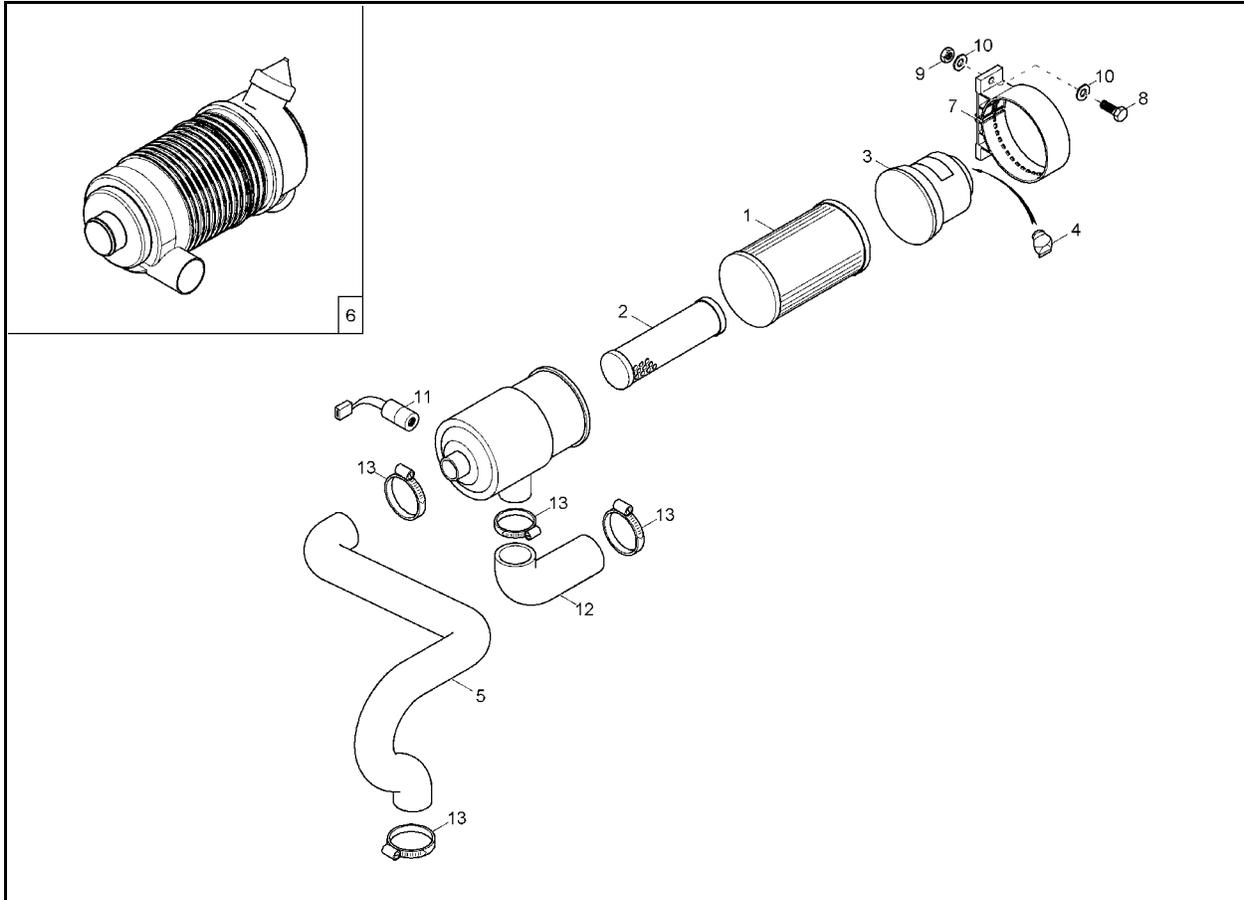
503Z - ENGINE AIR FILTER

1000180032 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165272	AIR FILTER COMPLETE	1	8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2
2	165294	AIR FILTER - INNER	1	9	651458	LN INS M8-1.25 C8 ZY DIN6924	2
3	165295	COVER	1	10	7462680011	WASHER 8.4 ST A2C	4
4	165296	DUST VALVE	1	11	164337	DIRT INDICATOR	1
5	177874	HOSE AIR SUCTION	1	12	202485	AIR INTAKE HOSE	2
6	165293	AIR FILTER - OUTER	1	13	162611	HOSE CLAMP	5
7	165273	COLLAR	1	14	270738	LATCH	3

503Z - ENGINE AIR FILTER
1000179297 - (SN AD04629 - AD07125)

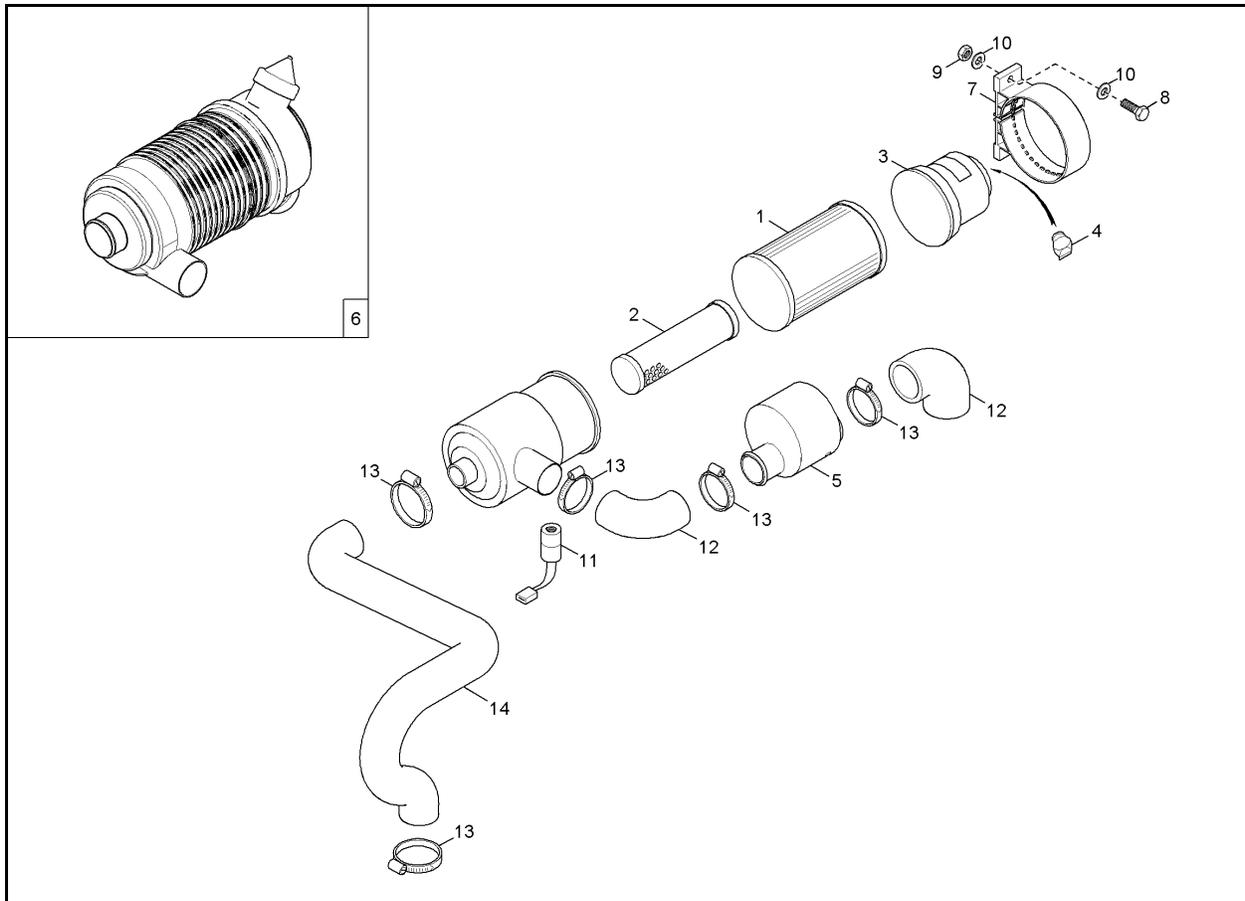


Ref. No.	Part No.	Description	Qty.
1	165293	AIR FILTER - OUTER	1
2	165294	AIR FILTER - INNER	1
3	165295	COVER	1
4	165296	DUST VALVE	1
5	177874	HOSE AIR SUCTION	1
6	165272	AIR FILTER COMPLETE	1
7	165273	COLLAR	1

Ref. No.	Part No.	Description	Qty.
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2
10	7462680011	WASHER 8.4 ST A2C	4
11	164337	DIRT INDICATOR	1
12	202486	AIR INTAKE HOSE	1
13	162611	HOSE CLAMP	4

503Z - ENGINE AIR FILTER

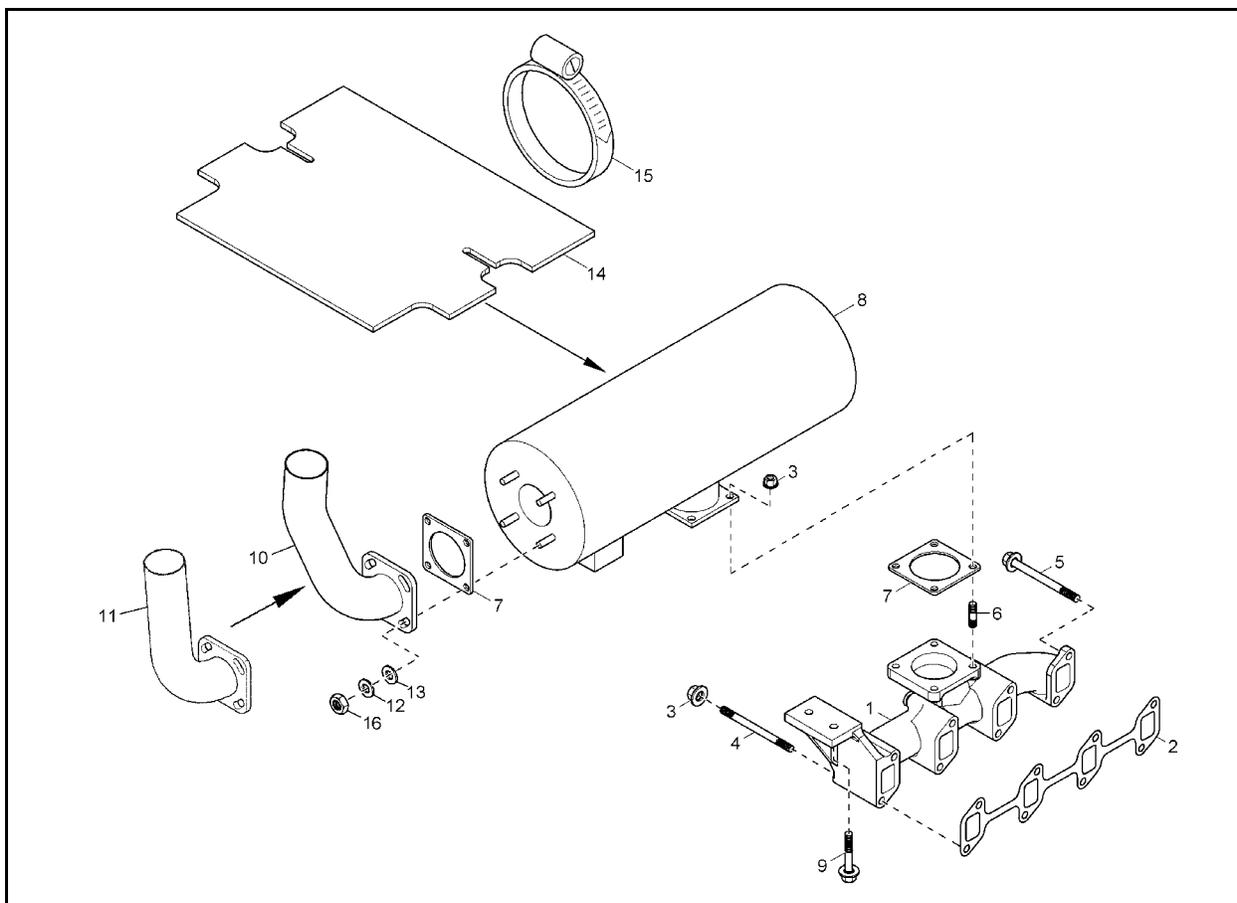
1000124113 - (SN AD04628 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165293	AIR FILTER - OUTER	1	8	656094	HEX SCREW	2
2	165294	AIR FILTER - INNER	1	9	651458	LN INS M8-1.25 C8 ZY	2
3	165295	COVER	1	10	7462680011	WASHER/GR A 8.4 ZO	4
4	165296	DUST VALVE	1	11	164337	DIRT INDICATOR	1
5	425-36101	MUFFLER/INLET	1	12	177875	HOSE/AIR INTAKE	2
6	165272	AIR FILTER - COMPLETE	1	13	162611	HOSE CLAMP	5
7	165273	COLLAR	1	14	177874	HOSE/AIR INTAKE	1

503Z - EXHAUST COMPONENTS

1000180763, 1000124155

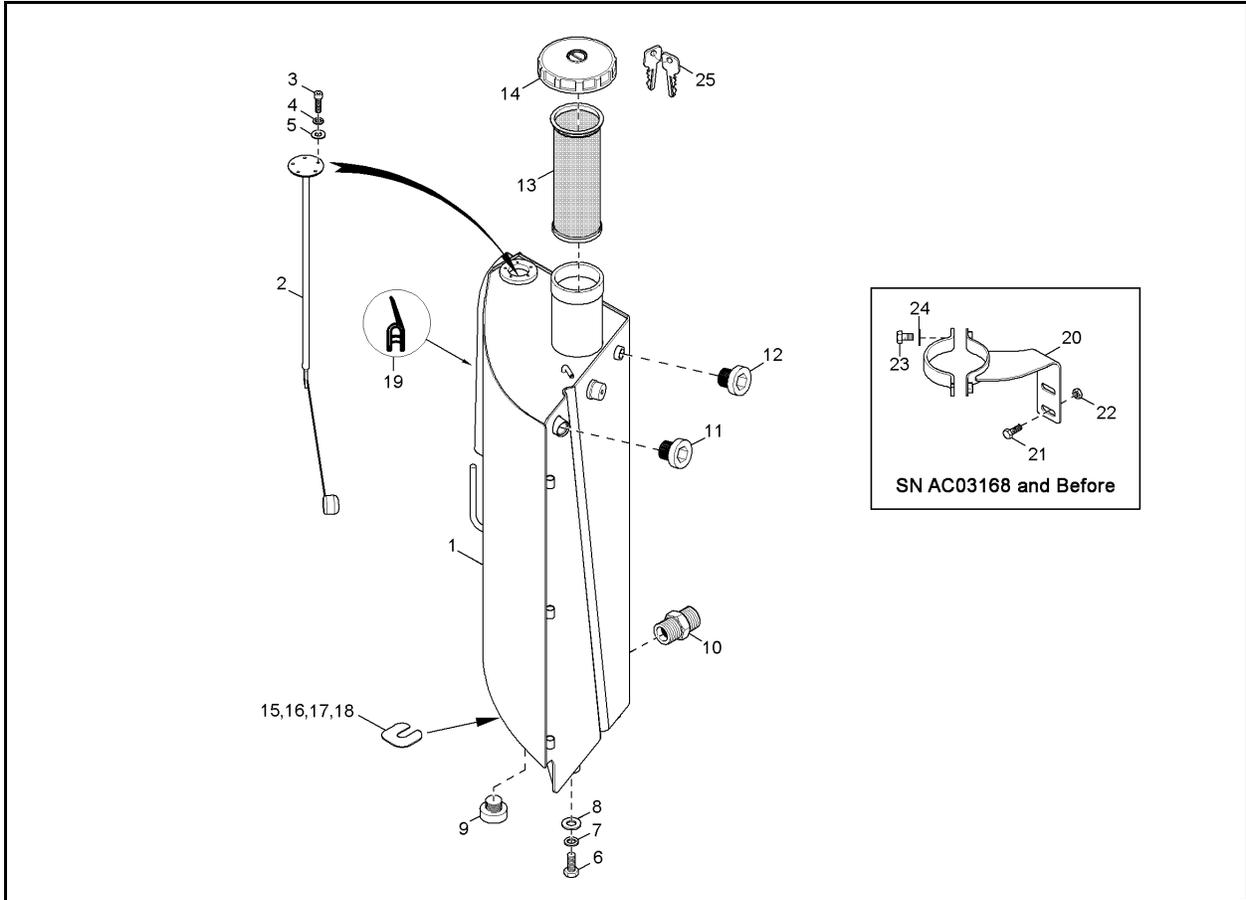


Ref. No.	Part No.	Description	Qty.
1	207046	EXHAUST MANIFOLD	1
2	209475	EXHAUST MANIFOLD GASKET	1
3	177400	HEXAGON NUT	6
4	164350	STUD BOLT	2
5	177205	SCREW	6
6	177401	STUD BOLT	4
7	177112	GASKET	2
8	177410	MUFFLER	1
9	164438	SCREW	2

Ref. No.	Part No.	Description	Qty.
10	205010	EXHAUST PIPE (SN AD04907 and up)	1
11	206400	EXHAUST PIPE (SN AD04906 and before)	1
12	163670	LOCKWASHER	4
13	163634	FLATWASHER	4
14	177181	ISOLATION MAT/EXHAUST	1
15	165269	HOSE CLAMP	4
16	656048	HN M8-1.25 C8 ZY	4

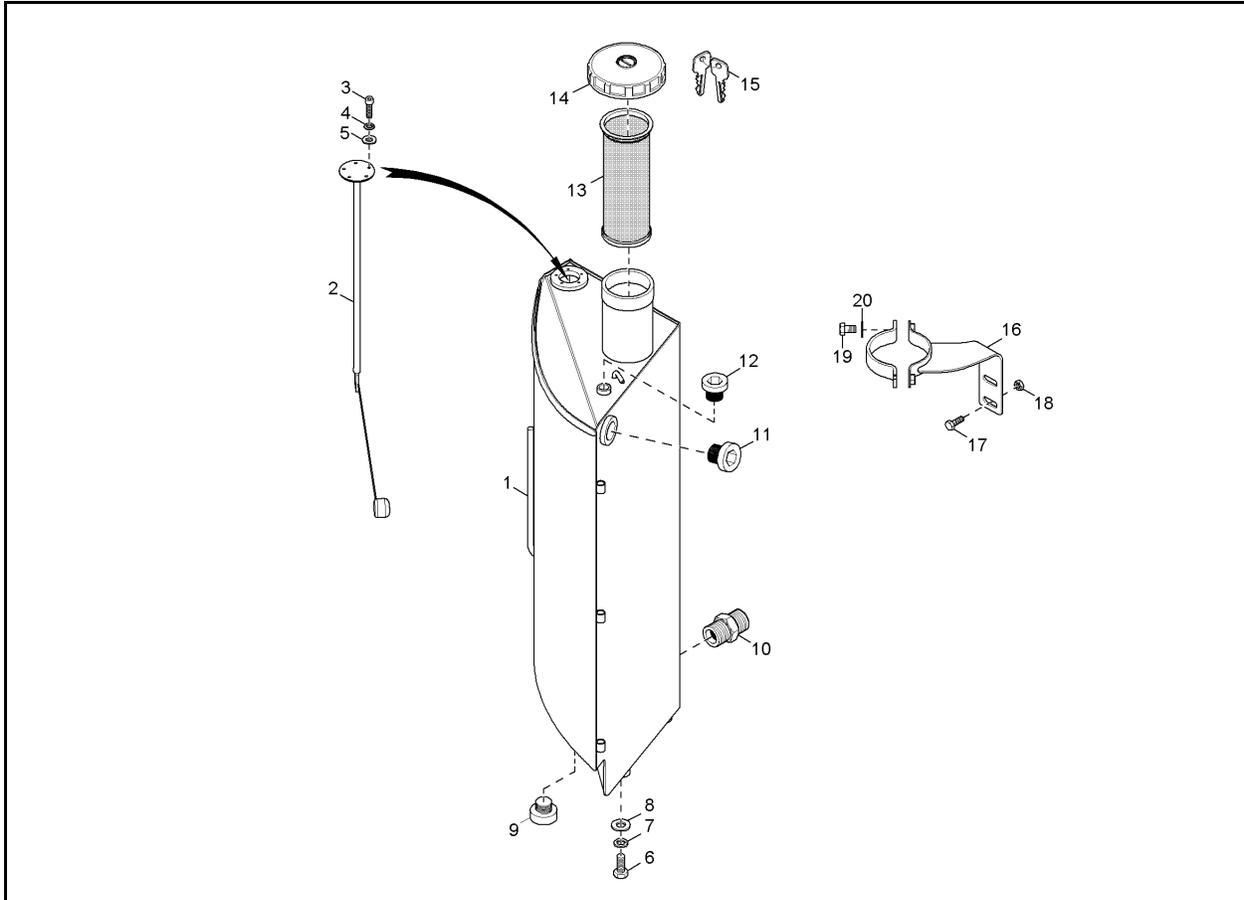
503Z - FUEL TANK

1000180774, 1000130365 - (SN AC02651 AND UP)



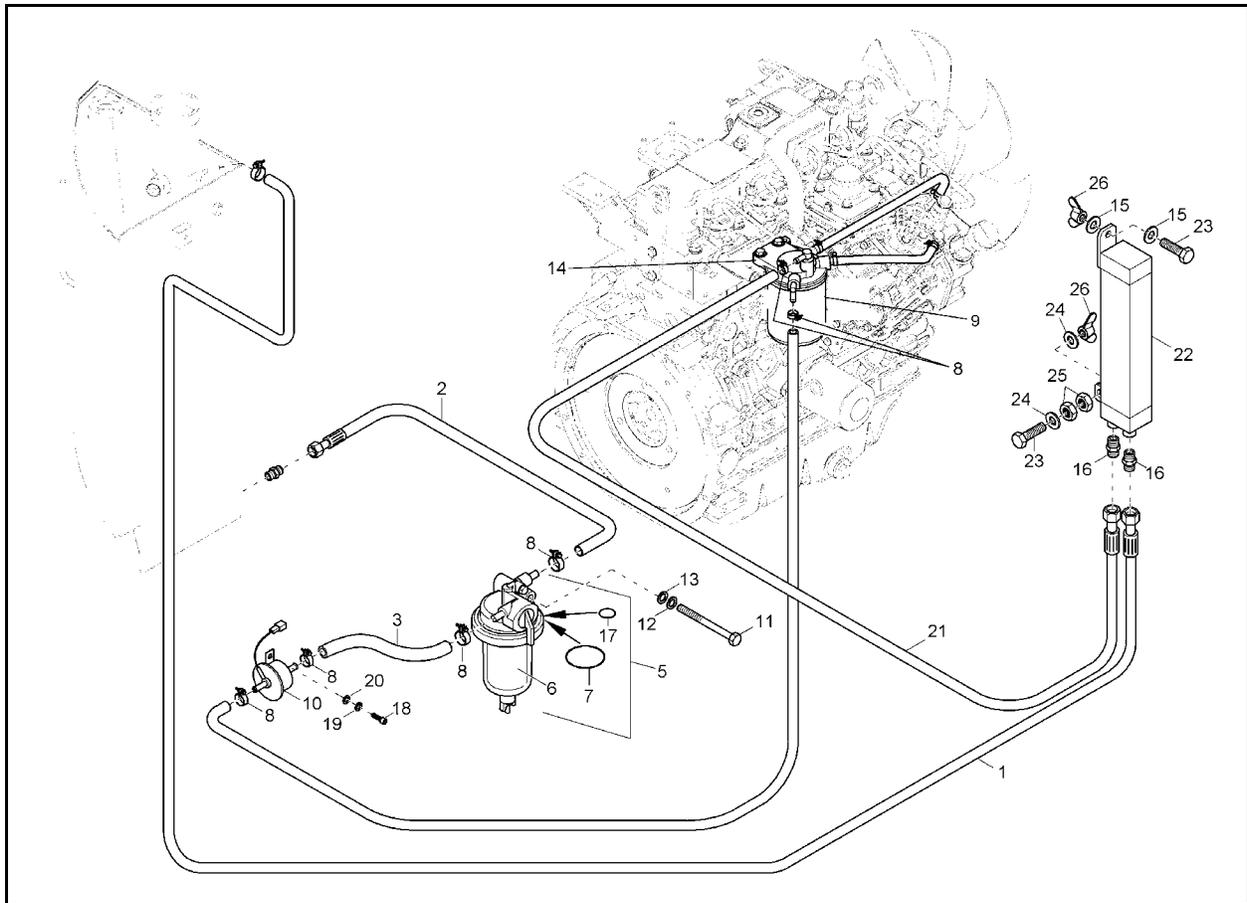
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205000	FUEL TANK KIT (Includes 11 and 15-19)	1	15	206849	SHIM - 0.5 MM	AR
2	177733	FUEL LEVEL SENDER W/GASKET	1	16	208224	SHIM - 1.0 MM	AR
3	651503	SHCS M5-0.8 X 12 8.8 ZO	5	17	208225	SHIM - 2.0 MM	AR
4	161674	LOCKWASHER S16	5	18	208226	SHIM - 3.0 MM	AR
5	161659	WASHER/GR A 5.3 ZO DIN125	5	19	207162	RUBBER EXTRUSION (1.5M) (SN AC02811 and up)	1
6	162480	SCREW	3	20	207532	BRACKET (SN AC03168 and before)	1
7	163651	WASHER	3	21	206403	SINK SCREW (SN AC03168 and before)	2
8	161645	WASHER/GR A 13 DIN7349	3	22	651448	LN INS M10-1.5 L8 ZY (SN AC03168 and before)	2
9	161415	PLUG	1	23	206125	HEX SCREW (SN AC03168 and before)	2
10	161427	SCREW JOINT	1	24	177207	SPACER (SN AC03168 and before)	2
11	179799	HEX HEAD SOCKET PIPE PLUG	1	25	101792	KEYS (W/O LOCK)	1
12	164924	PLUG	1				
13	161059	FUEL STRAINER	1				
14	164714	TANK CAP/PLASTIC W/O KEYS	1				

503Z - FUEL TANK 1000116133 - (SN AC02650 AND BEFORE)



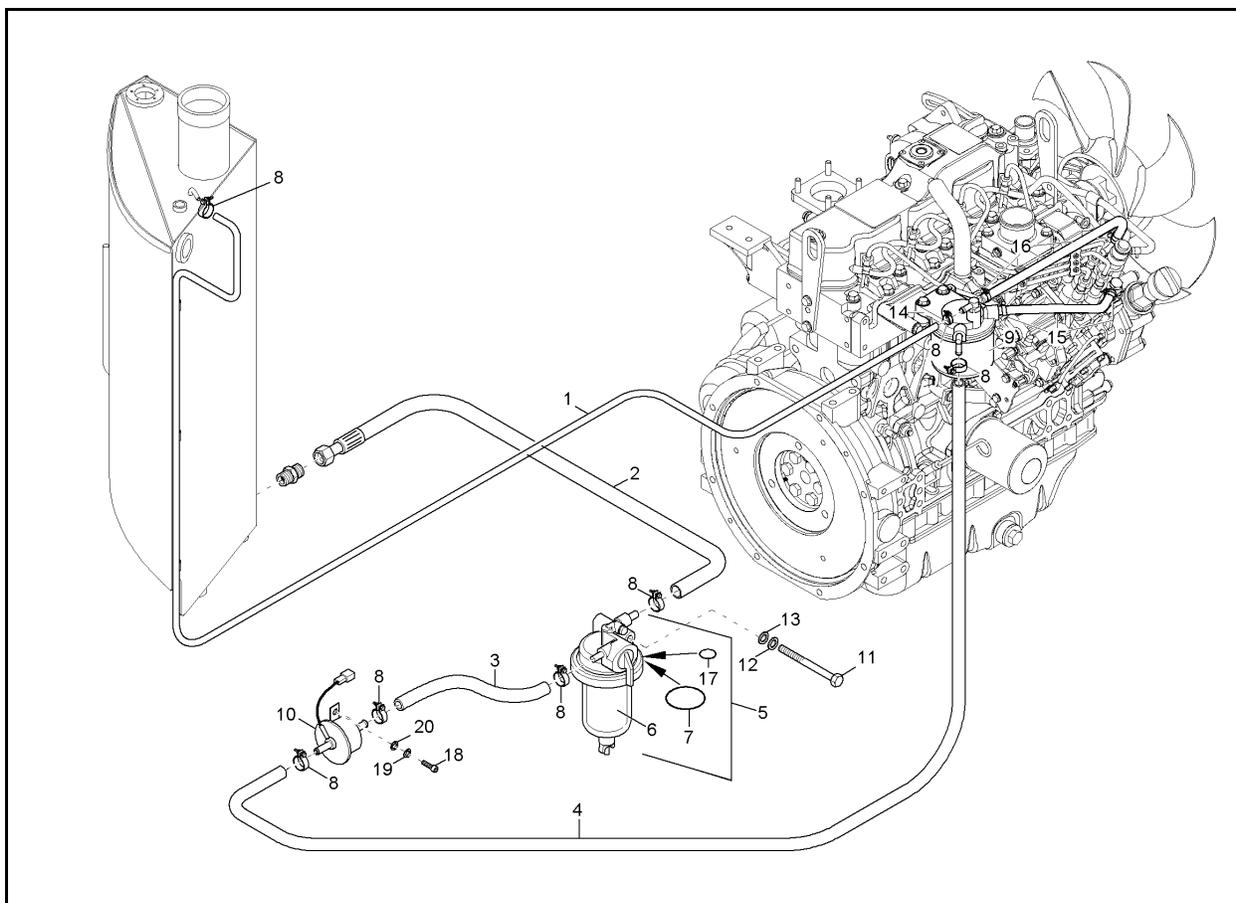
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205000	FUEL TANK KIT (Includes 11 and 15-19 from page 34)	1	11	162929	SCREW	1
2	177733	FUEL LEVEL SENDER W/GASKET	1	12	164924	PLUG	1
3	651503	SHCS M5-0.8 X 12 8.8 ZO	5	13	161059	FUEL STRAINER	1
4	161674	RING/SNAP S16	5	14	164714	TANK CAP/PLASTIC W/O KEYS	1
5	161659	WASHER/GR A 5.3 ZO DIN125	5	15	101792	KEYS (W/O LOCK)	1
6	162480	SCREW	3	16	207532	BRACKET	1
7	163651	WASHER	3	17	206403	SINK SCREW	2
8	161645	WASHER/GR A 13 DIN7349	3	18	651448	LN INS M10-1.5 L8 ZY	2
9	161415	PLUG	1	19	206125	HEX SCREW	2
10	161427	SCREW JOINT	1	20	177207	SPACER	2

503Z - FUEL SUPPLY
1000180014 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202487	FUEL LINE	1	14	177893	BRACKET/FUEL FILTER	1
2	205499	FUEL LINE	1	15	161663	WASHER/GR A 10.5 ZO	2
3	207263	FUEL LINE (0.6M)	1	16	161426	SCREW JOINT	2
4	207269	FUEL LINE (1.6M)	1	17	177659	O-RING	1
5	177679	WATER SEPARATOR	1	18	162860	SCREW	2
6	186340	FILTER	1	19	161675	LOCKWASHER S6	2
7	177664	GASKET/FILTER HOUSING	1	20	7462680008	WASHER	2
8	178051	HOSE CLAMP	7	21	202489	FUEL LINE	1
9	202488	FUEL FILTER	1	22	202490	DIESEL COOLER	1
10	177699	FUEL PUMP	1	23	651397	CS M10-1.5X35 C8.8 ZY	2
11	651438	HB M8-1.25X70 C8.8 ZY	1	24	161640	WASHER/GR A 10.5	2
12	163670	LOCKWASHER	1	25	656102	HN M10-1.25 F8 ZY DIN934	2
13	163634	WASHER	1	26	164918	NUT	2

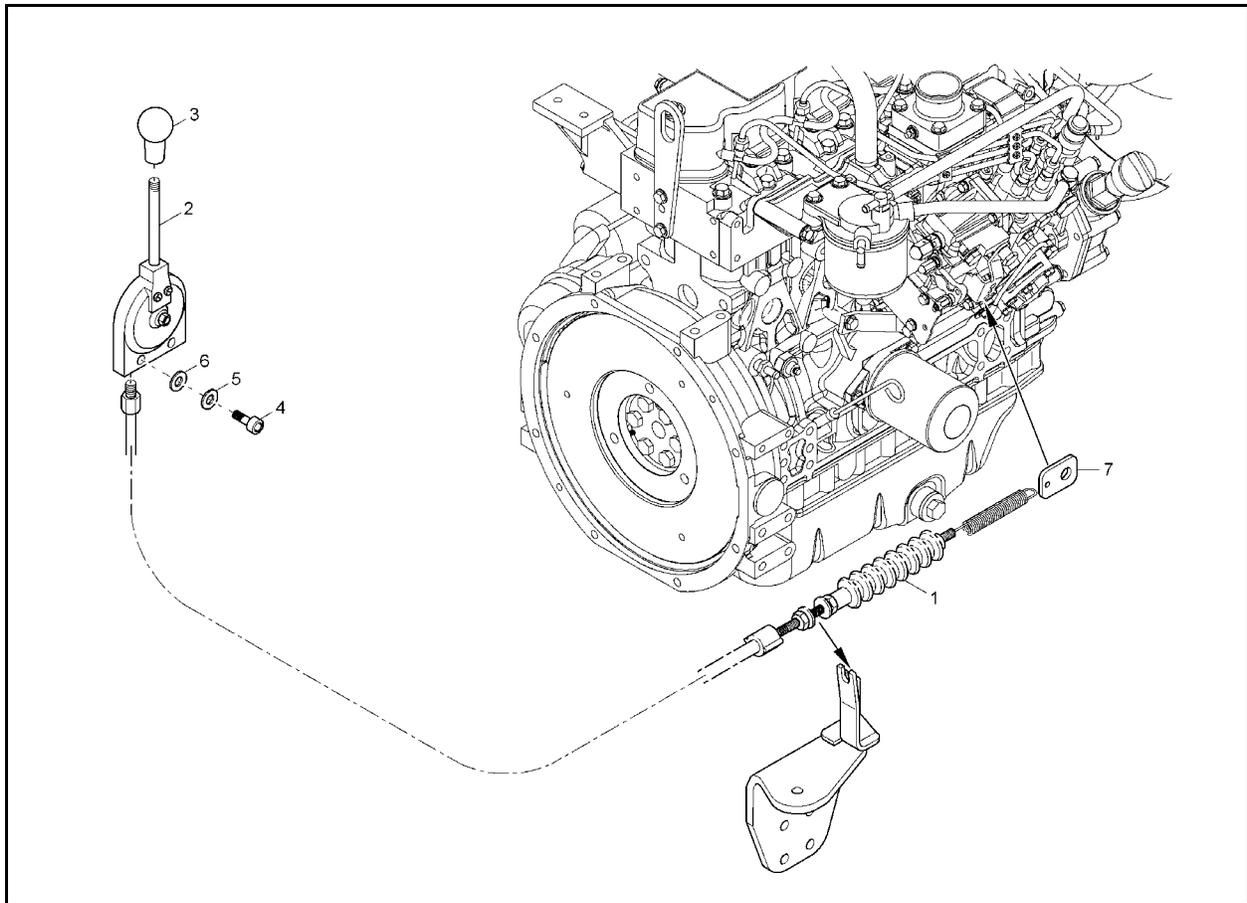
503Z - FUEL SUPPLY
1000117410 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207271	FUEL LINE (3.0M)	1	11	651438	HB M8-1.2 X 70 C 8.8 ZO	1
2	205499	FUEL LINE	1	12	163670	LOCKWASHER	1
3	207270	FUEL LINE (0.6M)	1	13	163634	FLATWASHER	1
4	207270	FUEL LINE (1.6M)	1	14	177893	BRACKET/FUEL FILTER	1
5	177679	WATER SEPARATOR (Includes Ref. No. 6)	1	15	177983	PIPE	1
6	186340	FILTER	1	16	177903	PIPE ASSY/FUEL OIL	1
7	177664	GASKET/FILTER HOUSING	1	17	177659	O-RING	1
8	178051	HOSE CLAMP	7	18	162860	SCREW	1
9	137499	FUEL FILTER	1	19	161675	LOCKWASHER S6	1
10	177699	FUEL PUMP	1	20	7462680008	WASHER	1

503Z - THROTTLE LEVER (CAB)

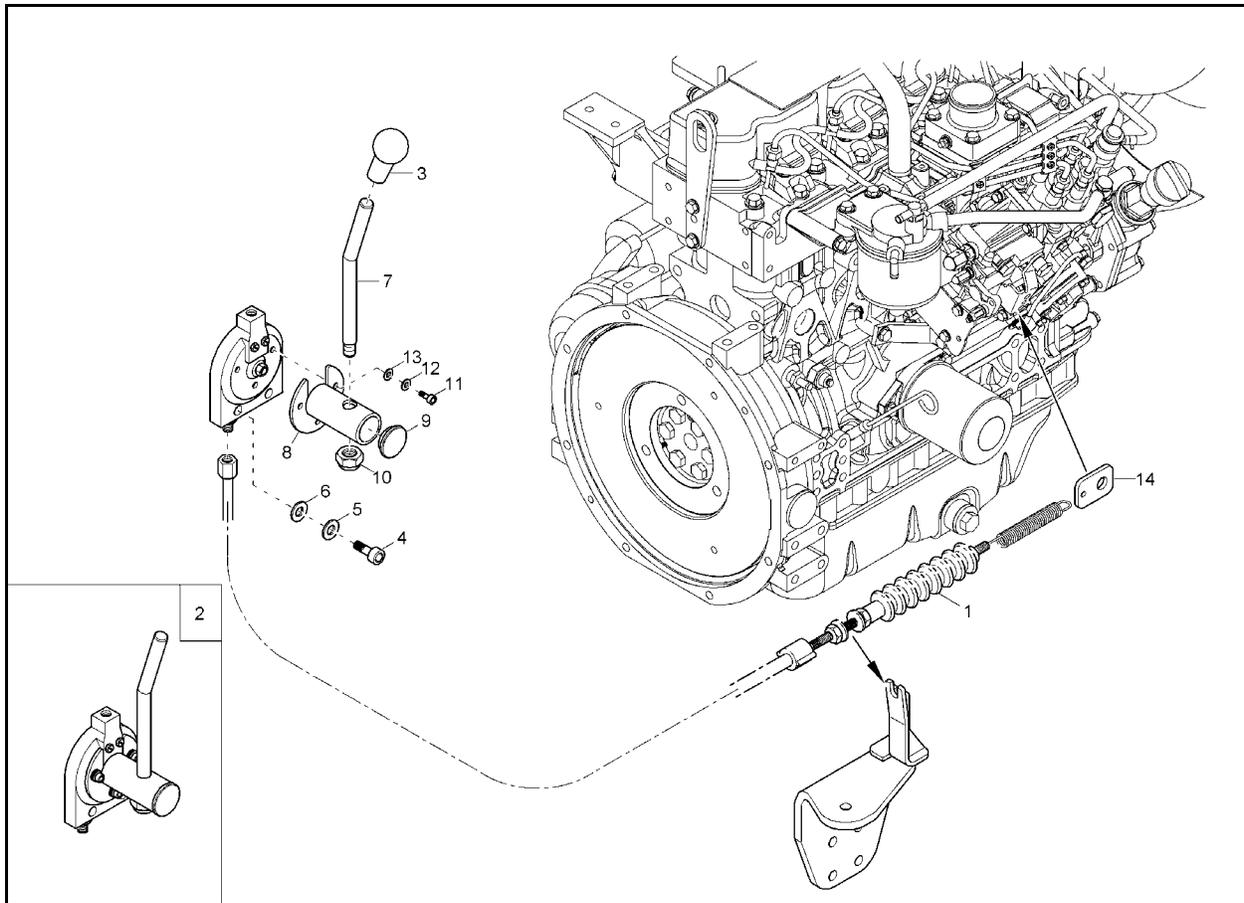
1000124009



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177795	THROTTLE CABLE	1	5	161675	LOCKWASHER S6	2
2	1410401G	THROTTLE LEVER	1	6	161660	WASHER GR A6.4 ZO DIN 125	2
3	162398	KNOB	1	7	162355	BRACKET	1
4	651508	SHCS M6-1X25 C8.8 ZY	2				

503Z - THROTTLE LEVER (CANOPY)

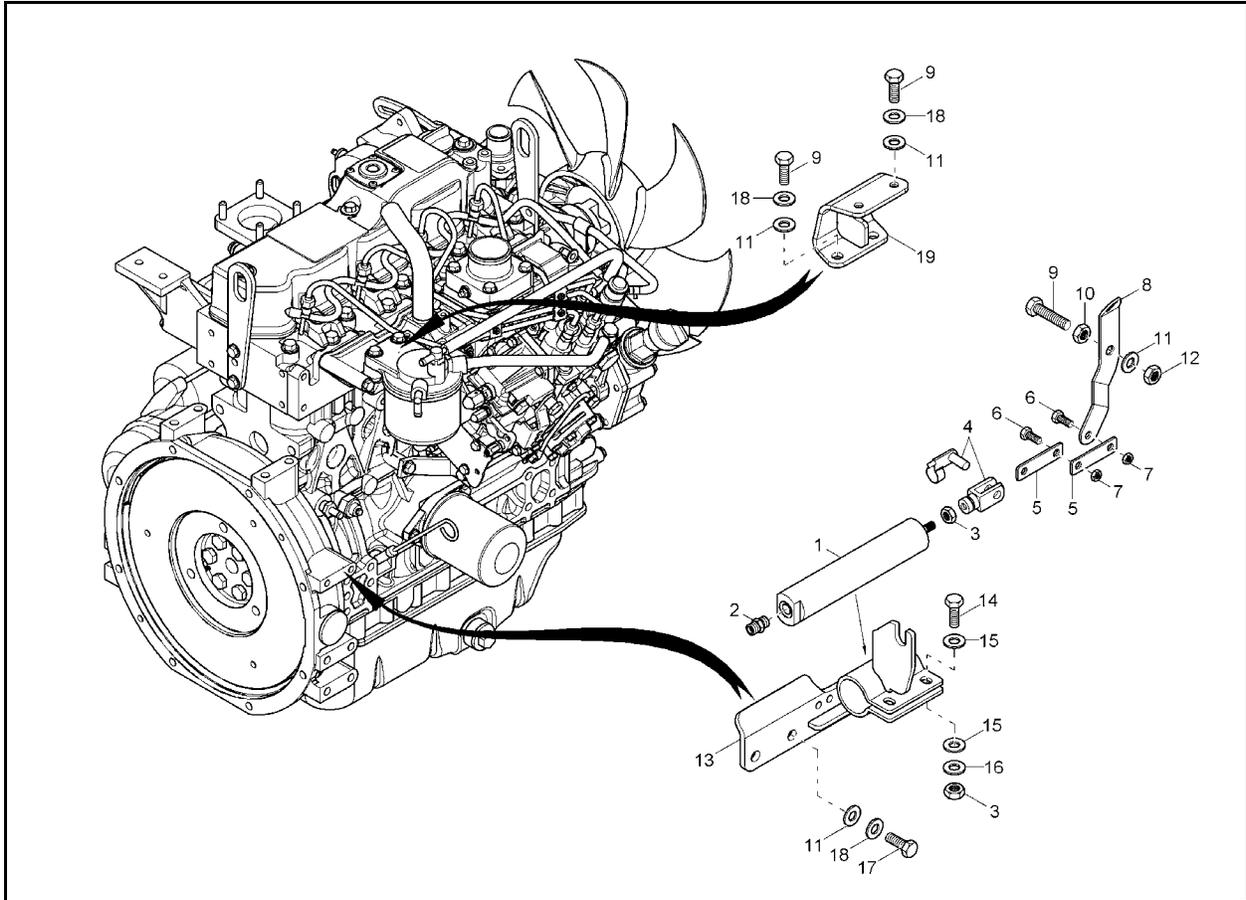
1000165681



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177795	THROTTLE CABLE	1	8	205019	BRACKET	1
2	205017	THROTTLE LEVER - COMPLETE	1	9	207064	CLUTCH DISC PLUG	1
3	162398	KNOB	1	10	205020	HEX NUT	1
4	651508	SHCS M6-1X25 C8.8 ZY	2	11	651502	SHCS M5-0.8X10 C8.8 ZY	3
5	161675	LOCKWASHER S6	2	12	161674	LOCKWASHER S16	3
6	161660	WASHER GR A6.4 ZO DIN 125	2	13	161659	WASHER/GR A 5.3 ZO DIN125	3
7	205018	THROTTLE LEVER	1	14	162355	BRACKET	1

503Z - AUTO-IDLE (OPTION)

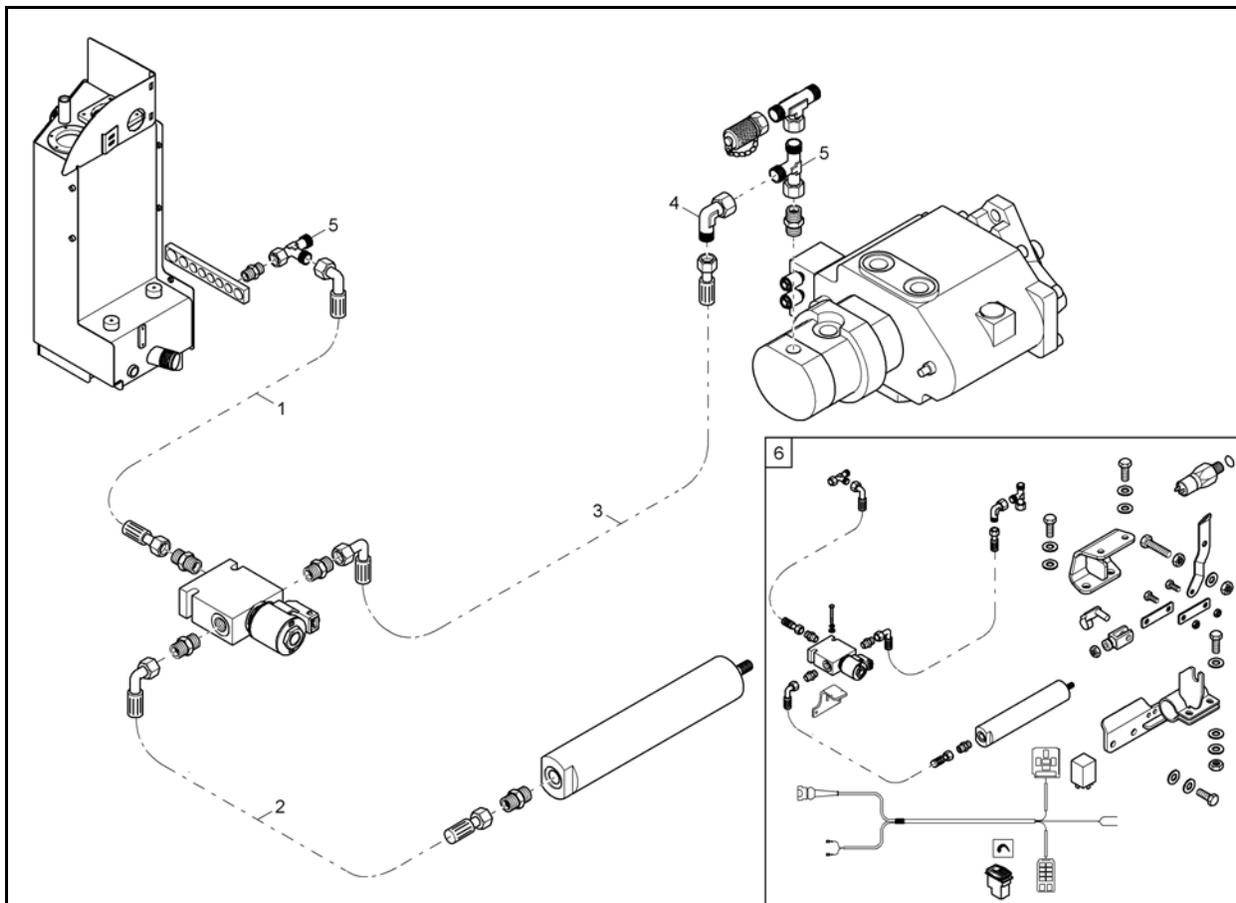
1000180020



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202491	CYLINDER	1	10	656048	HN M8-1.25 C8 ZY DIN934	1
2	161458	SCREW JOINT	1	11	163634	WASHER	7
3	656047	HN M6-1 C8 ZY DIN934	3	12	651458	LN INS M8-1.25 C8 ZY DIN6924	1
4	206347	CLEVIS	1	13	202494	BRACKET	1
5	202492	PLATE	2	14	651424	CS M6-1X20 C8.8 ZY DIN931	2
6	656092	CS M6-1X12 C8.8 ZY DIN931	2	15	161660	WASHER GR A6.4 ZO DIN 125	4
7	651457	LN INS M6-1 C8 ZY DIN6924	2	16	161675	LOCKWASHER S6	2
8	202493	JOINT	1	17	177648	HEX SCREW	2
9	656105	CS M8-1.25X25 C8.8 ZY DIN931	5	18	163670	LOCKWASHER	6

503Z - AUTO-IDLE INSTALLATION (OPTION)

1000180017



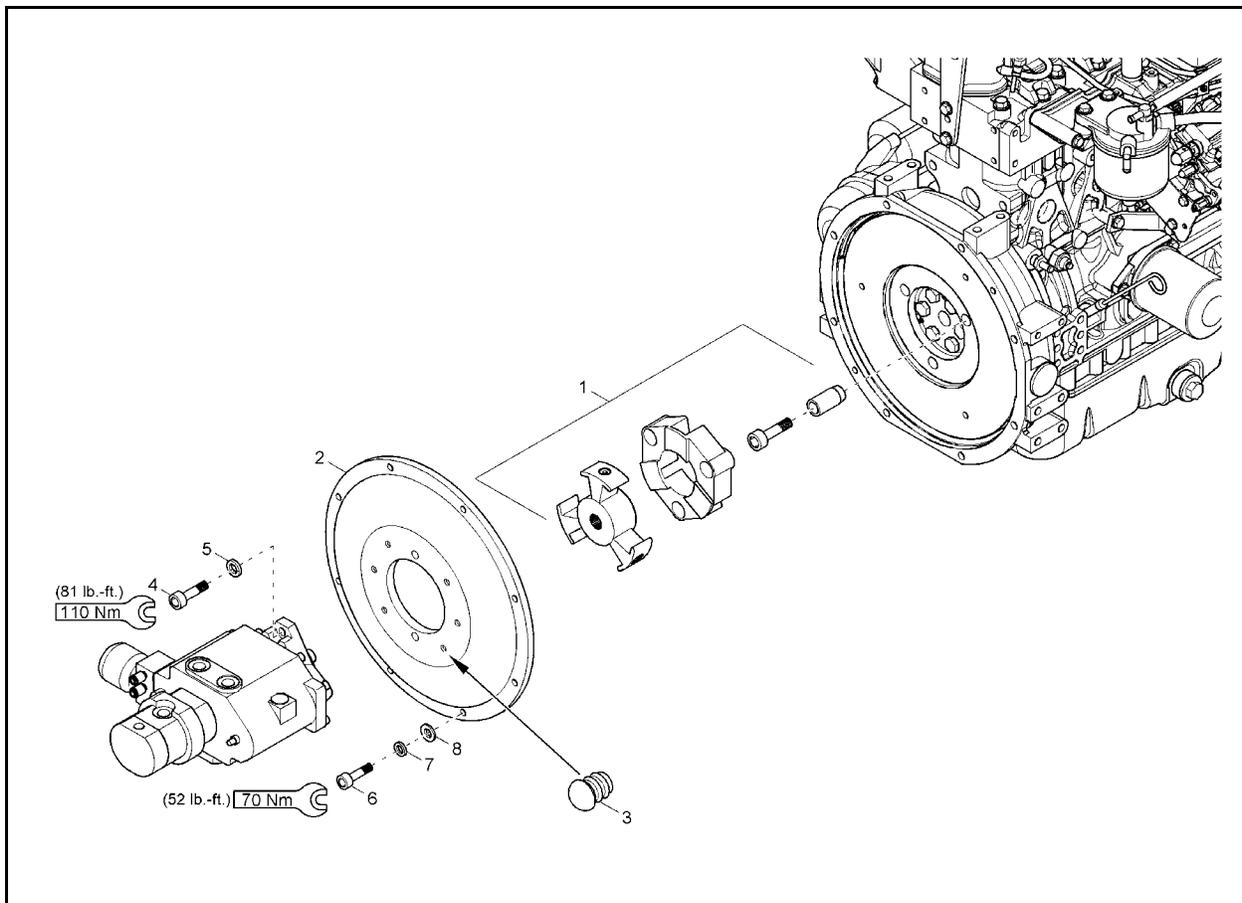
Ref. No.	Part No.	Description	Qty.
1	163335	HP HOSE	1
2	162445	HP HOSE	1
3	177730	HP HOSE	1
4	161443	90° FITTING	1

Ref. No.	Part No.	Description	Qty.
5	161448	TEE	2
6	*	AUTO IDLE RETROFIT KIT	1

* To be provided at a later time.

503Z - HYDRAULIC PUMP DRIVE

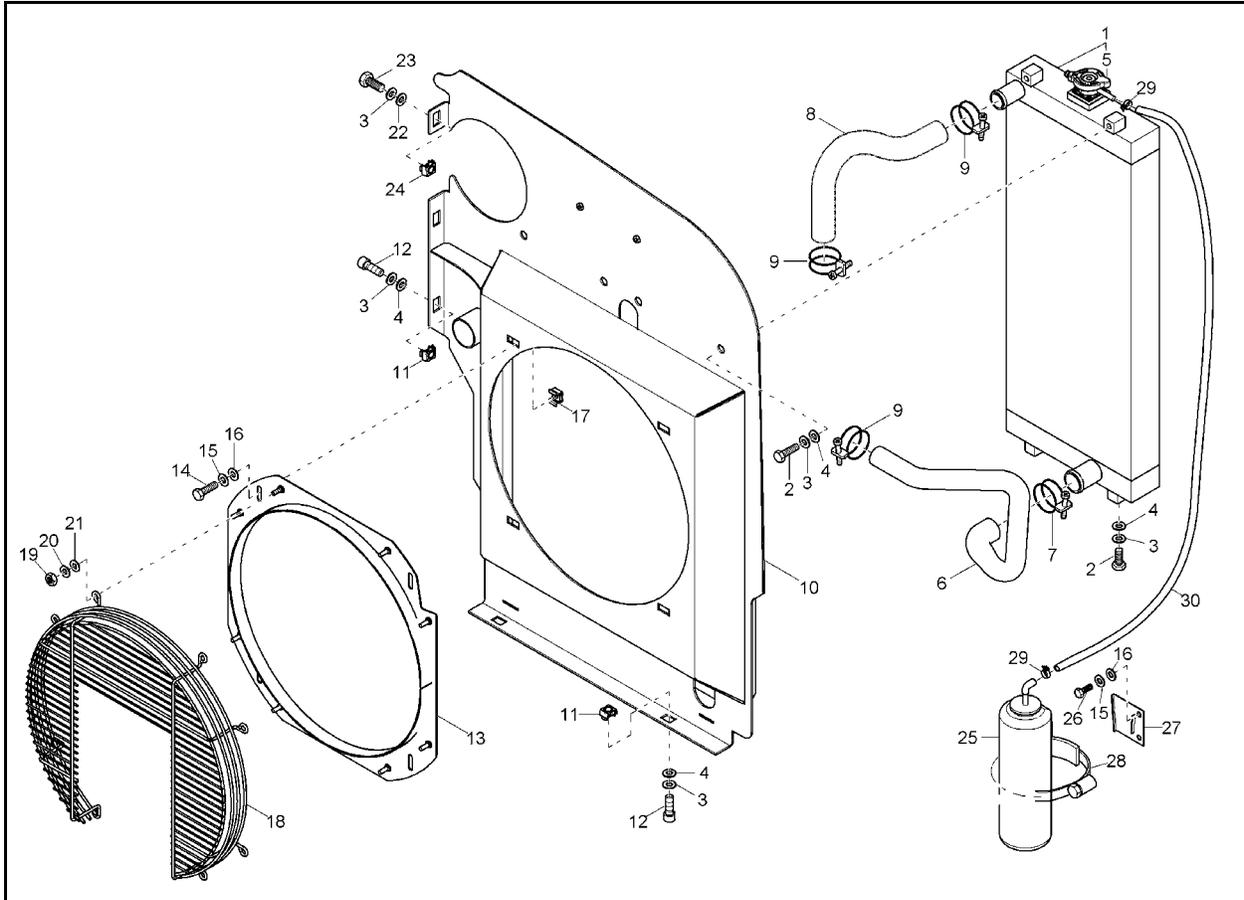
1000123985



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178934	COUPLER COMPLETE	1	5	163651	WASHER	2
2	178964	PUMP BRACKET	1	6	162022	SCREW	8
3	164928	PLUG	1	7	161669	LOCKWASHER S10	8
4	651480	SHCS M12-1.7 X 30 10.9 ZO	2	8	161640	WASHER/GR A 10.5	8

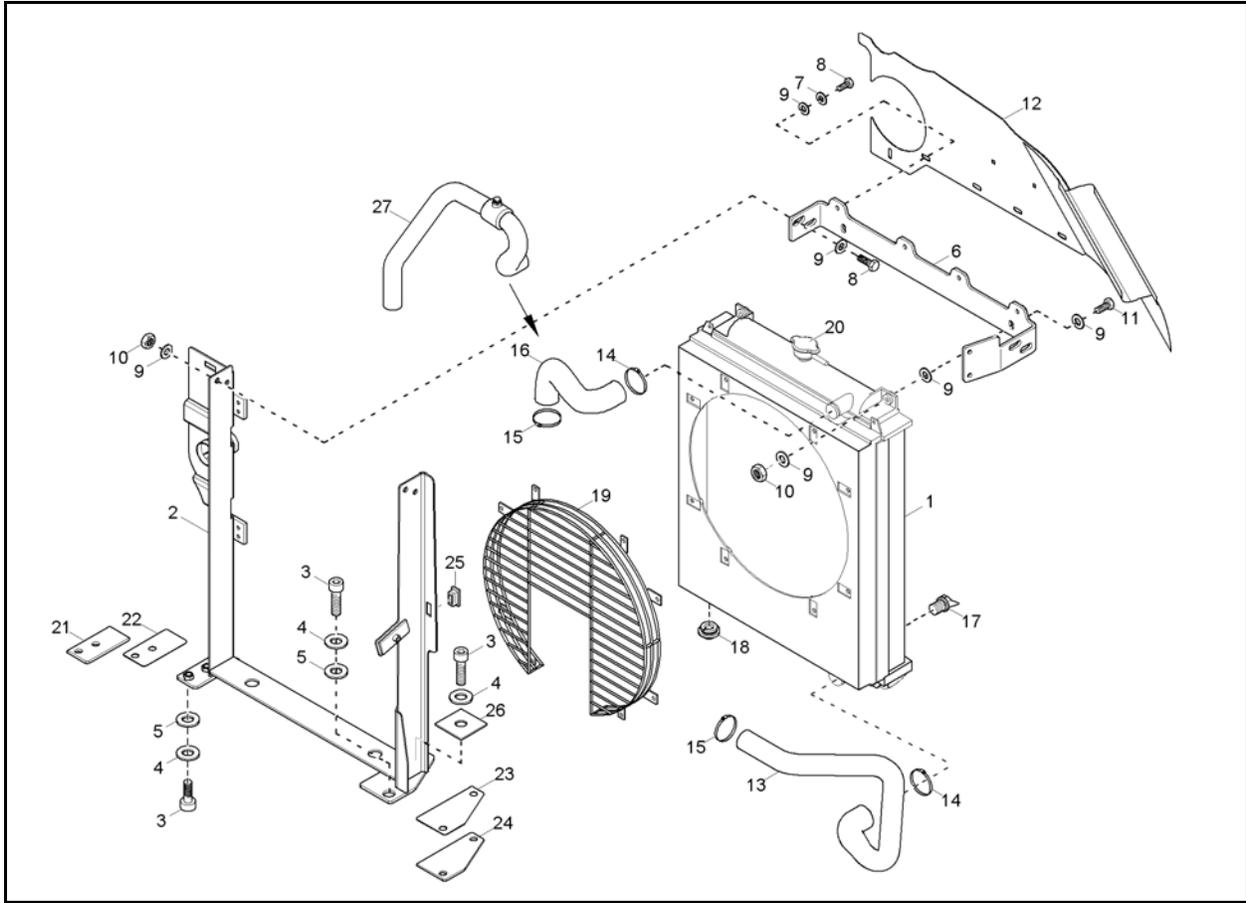
503Z - RADIATOR

1000180007 - (SN AH00579 AND UP)



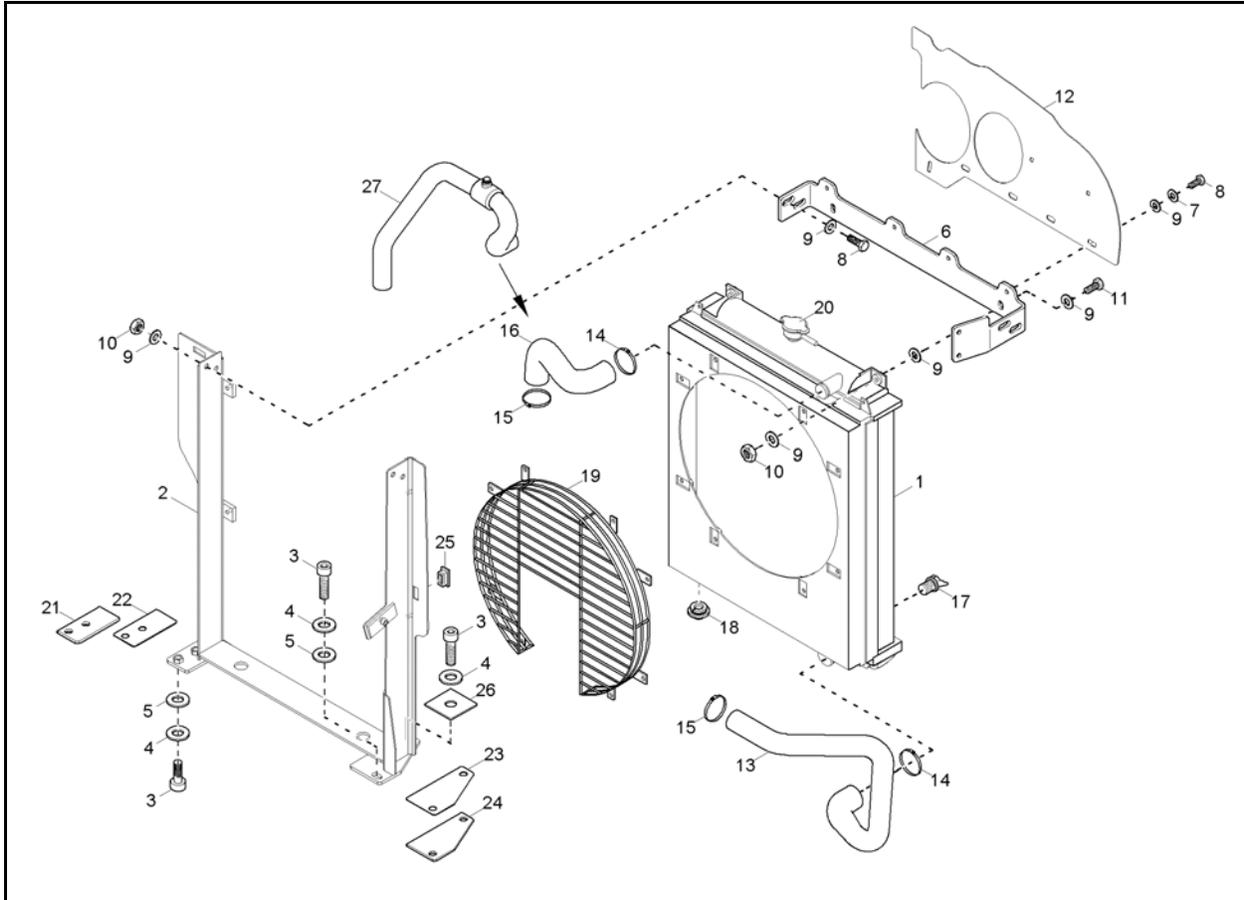
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202496	RADIATOR	1	16	7462680011	WASHER 8.4 ST A2C	4
2	656006	CS M10-1.5X20 C8.8 ZY DIN931	4	17	161615	NUT/CAGE M8	4
3	161669	LOCKWASHER S10	8	18	207466	PROTECTING SCREEN	1
4	161640	WASHER/GR A 10.5	8	19	656047	HN M6-1 C8 ZY DIN934	8
5	201591	RADIATOR CAP	1	20	161660	WASHER GR A6.4 ZO DIN 125	8
6	177990	RADIATOR HOSE W/O AC	1	21	161675	LOCKWASHER S6	8
7	177991	CLAMP	1	22	161663	WASHER/GR A 10.5 ZO	1
8	202497	RADIATOR HOSE	1	23	651393	CS M10-1.5X25 C8.8 ZY	1
9	425-34853	CLAMP 38	3	24	161610	NUT/CAGE M10	1
10	202498	RADIATOR SHROUD	1	25	209909	RESERVOIR	1
11	177700	CAGE NUT	4	26	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
12	162858	SCREW	4	27	425-36152	BRACKET/SUB-TANK	1
13	202499	RING	1	28	161856	COLLAR	1
14	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	29	178051	HOSE CLAMP	2
15	163670	LOCKWASHER	4	30	207263	FUEL LINE (0.6M)	1

503Z - RADIATOR
1000156087 - (SN AD04629 - AD07125)



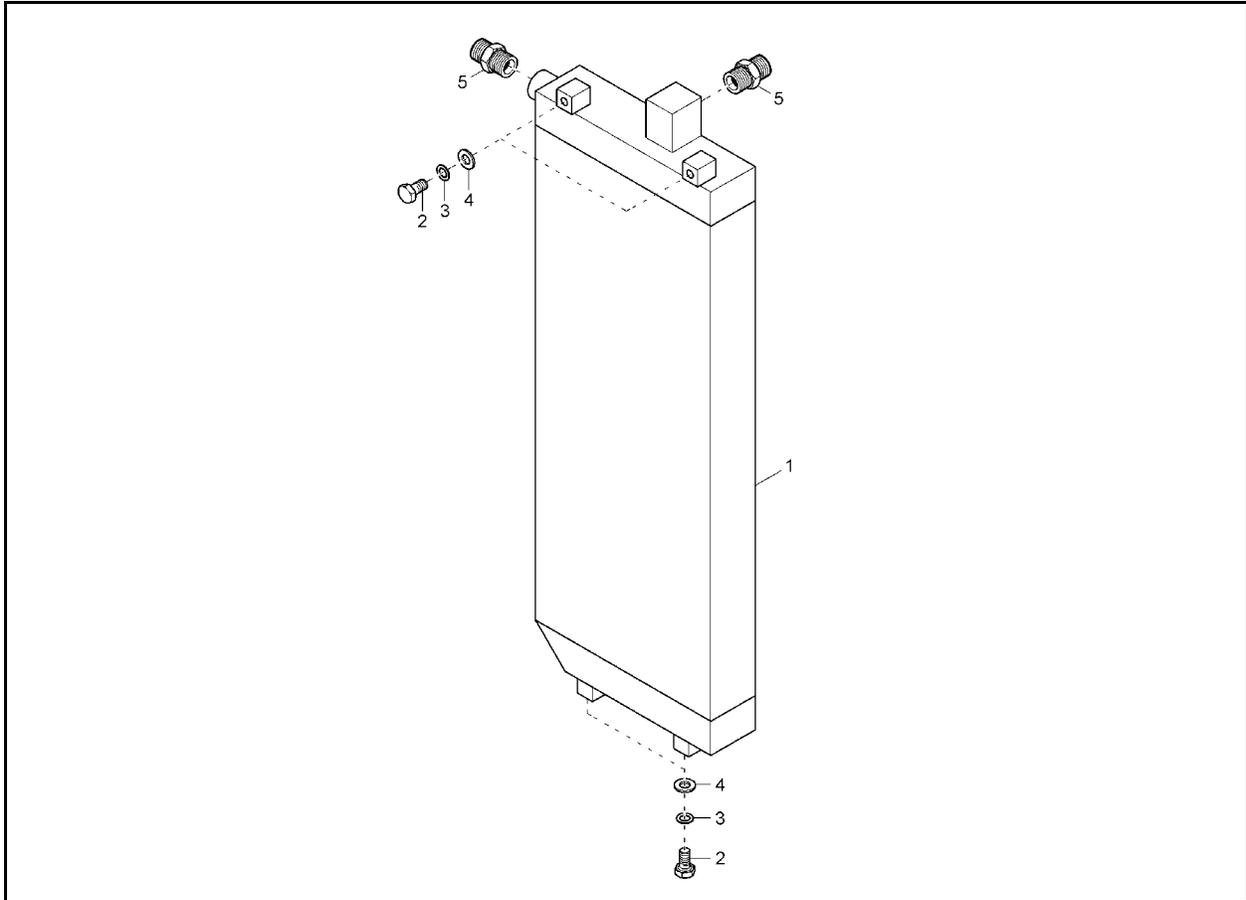
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177705	RADIATOR	1	15	425-34853	CLAMP 38	2
2	204945	RADIATOR BRACKET	1	16	177993	RADIATOR HOSE	1
3	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	4	17	177994	DRAIN SCREW	1
4	161669	LOCKWASHER S10	4	18	177710	RUBBER BUFFER	1
5	161640	WASHER/GR A 10.5	4	19	207466	PROTECTING SCREEN	1
6	177773	CROSS BAR	1	20	177996	RADIATOR CAP	1
7	163670	LOCKWASHER	5	21	177942	PLATE	1
8	177648	HEX SCREW	9	22	177941	PLATE	1
9	7462680011	WASHER 8.4 ST A2C	19	23	177940	PLATE	1
10	651458	LN INS M8-1.25 C8 ZY DIN6924	6	24	177939	PLATE	1
11	656002	CS M8-1.25X35 C8.8 ZY DIN931	2	25	206405	PLUG	2
12	204946	AIR GUIDE PLATE	1	26	206850	SPACER	1
13	177990	RADIATOR HOSE W/O AC	1	27	206435	RADIATOR HOSE - A/C (See page 167)	1
14	177991	CLAMP	2				

503Z - RADIATOR
1000124434 - (SN AD04628 AND BEFORE)



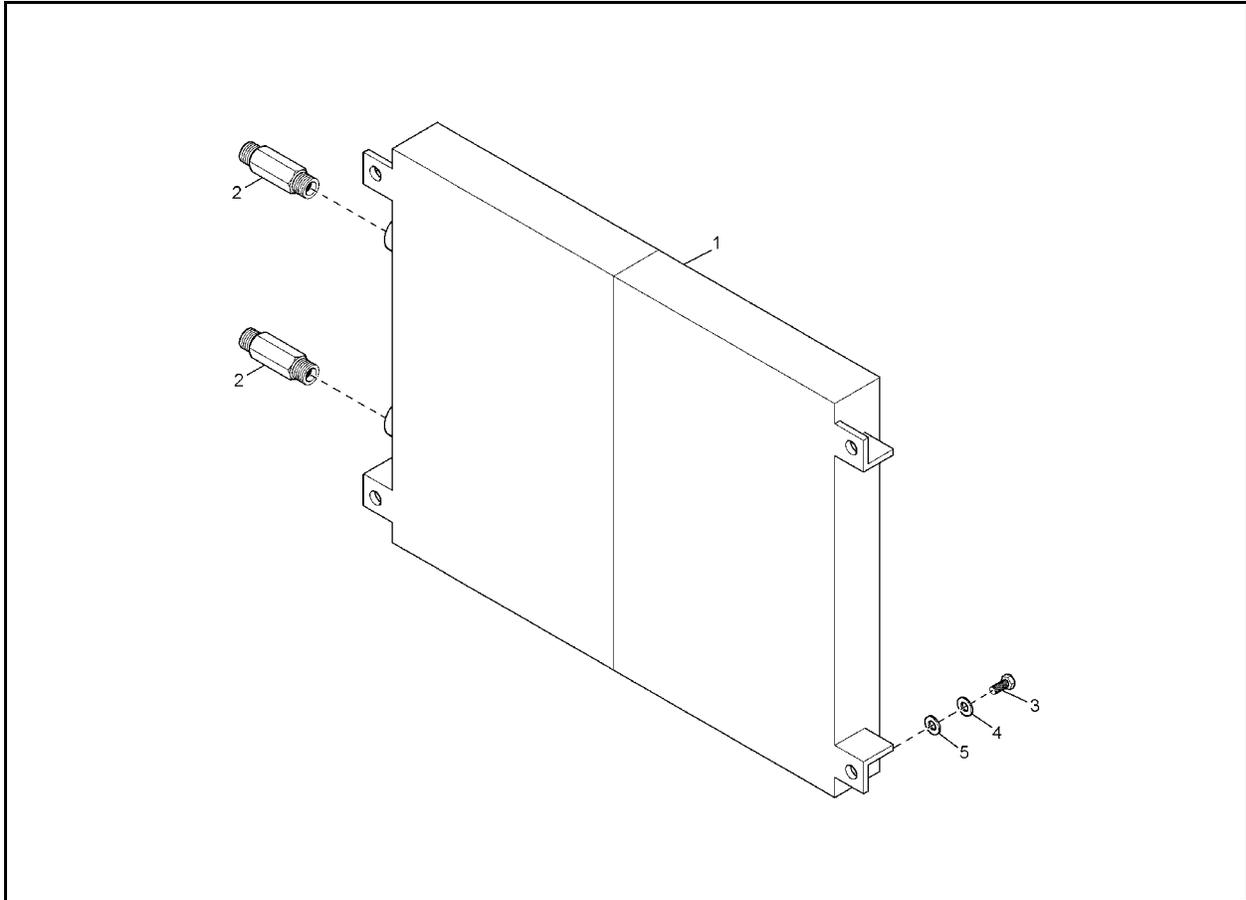
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177705	RADIATOR	1	15	425-34853	CLAMP 38	2
2	177938	BRACKET/RADIATOR	1	16	177993	RADIATOR HOSE	1
3	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	4	17	177994	DRAIN SCREW	1
4	161669	LOCKWASHER S10	4	18	177710	RUBBER BUFFER	1
5	161640	WASHER/GR A 10.5	4	19	207466	PROTECTING SCREEN	1
6	177773	CROSS BAR	1	20	177996	RADIATOR CAP	1
7	163670	LOCKWASHER	5	21	177942	PLATE	1
8	177648	HEX SCREW	9	22	177941	PLATE	1
9	7462680011	WASHER 8.4 ST A2C	19	23	177940	PLATE	1
10	651458	LN INS M8-1.25 C8 ZY DIN6924	6	24	177939	PLATE	1
11	656002	CS M8-1.25X35 C8.8 ZY DIN931	2	25	206405	PLUG	2
12	177783	AIR GUIDE PLATE	1	26	206850	SPACER (SN AC03732 and up)	1
13	177990	RADIATOR HOSE W/O AC	1	27	206435	RADIATOR HOSE - A/C (See page 167)	1
14	177991	CLAMP	2				

503Z - OIL COOLER
1000180008 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202500	OIL COOLER	1	4	161640	WASHER/GR A 10.5	4
2	656006	CS M10-1.5X20 C8.8 ZY DIN931	4	5	161464	SCREW JOINT	2
3	161669	LOCKWASHER S10	4				

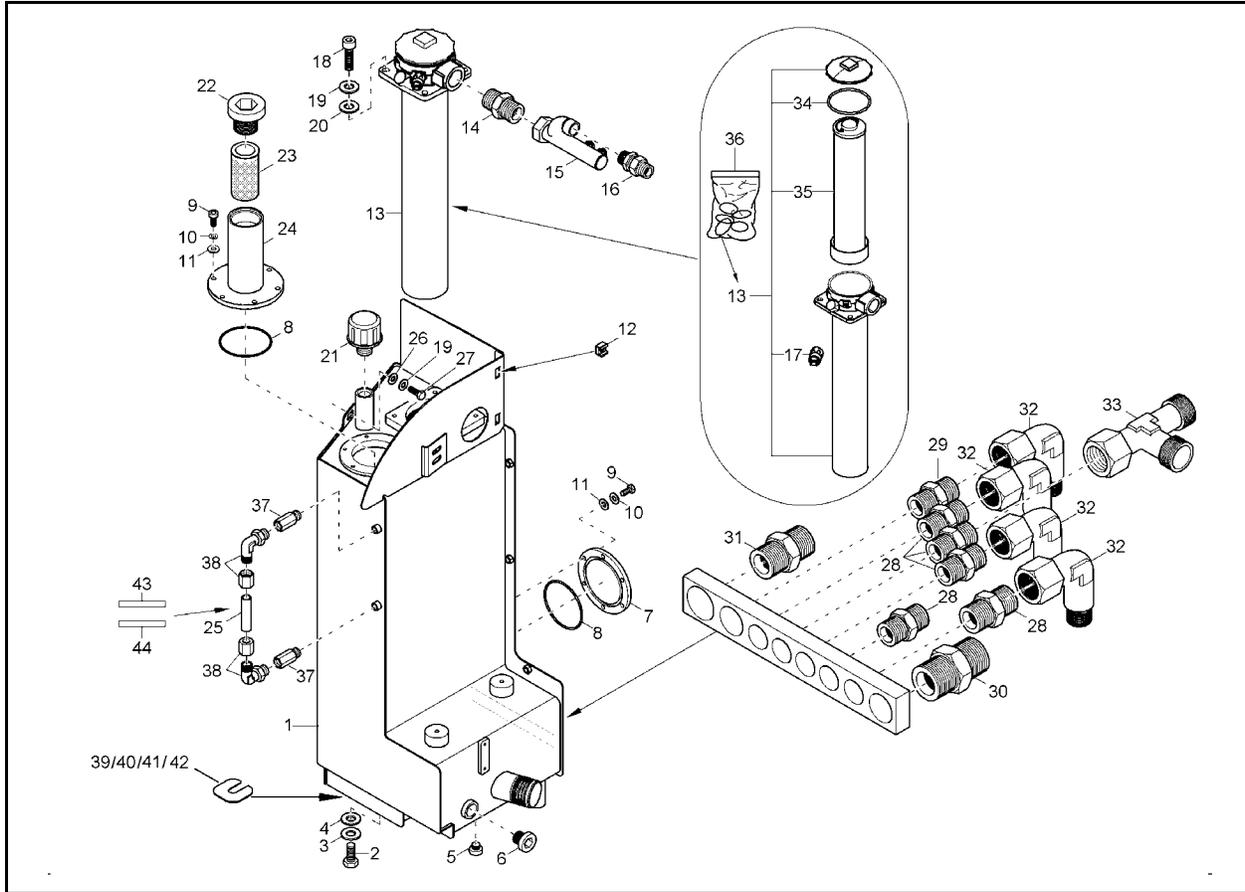
503Z - OIL COOLER
1000124146 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.
1	177902	OIL COOLER	1
2	177877	SCREW CONNECTION	2
3	651515	SHCS M8-1.25X20 C8.8 ZY	4

Ref. No.	Part No.	Description	Qty.
4	163670	LOCKWASHER	4
5	163634	FLATWASHER	4

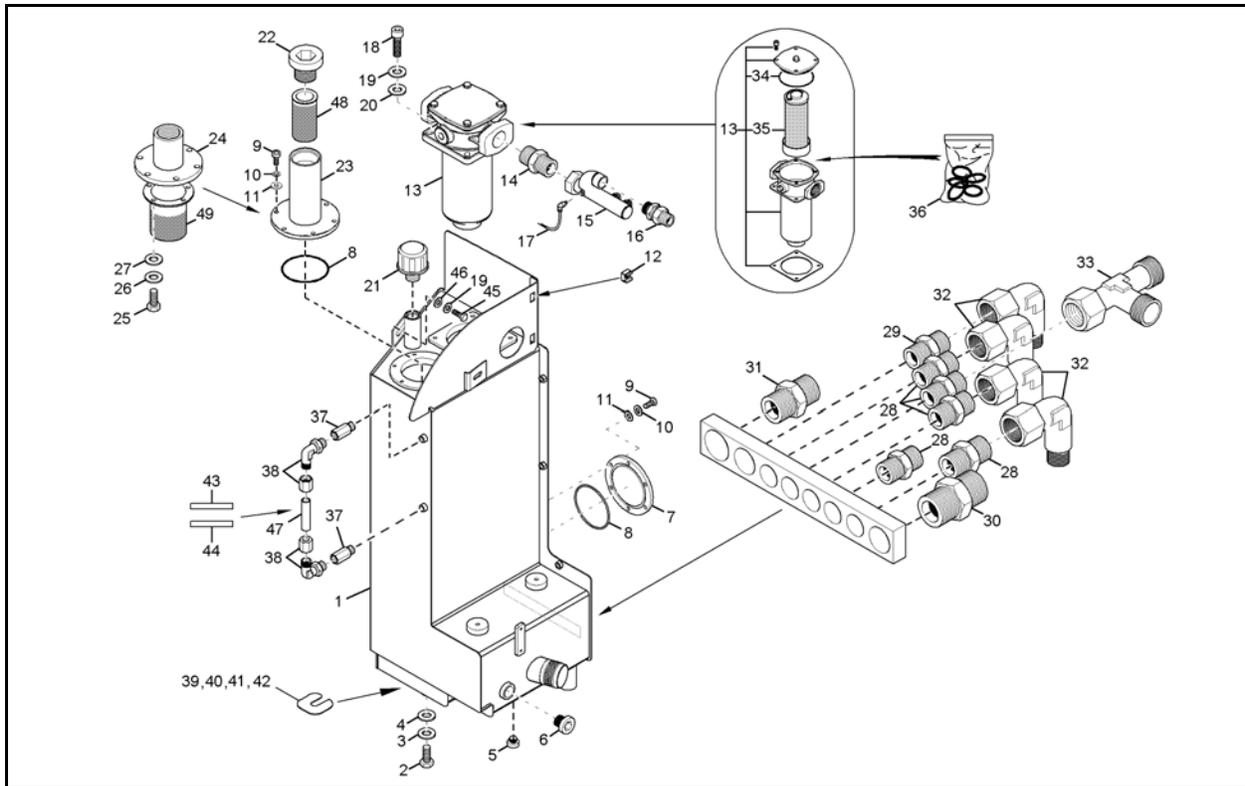
503Z - HYDRAULIC OIL TANK 1000180010 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202501	HYDRAULIC TANK	1	23	205505	HYDRAULIC OIL ELEMENT	1
2	162480	SCREW	3	24	204947	OIL TANK CAP	1
3	163651	WASHER	3	25	206157	PIPE LINE (0.40M)	1
4	161645	WASHER/GR A 13 DIN7349	3	26	161663	WASHER/GR A 10.5 ZO	1
5	161415	PLUG	1	27	651393	CS M10-1.5X25 C8.8 ZY	1
6	164925	SCREW	1	28	161426	SCREW JOINT	5
7	177816	COVER PLATE	1	29	161427	SCREW JOINT	1
8	161573	O-RING	2	30	161429	SCREW JOINT 12L	1
9	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	12	31	161430	SCREW JOINT	1
10	163670	LOCKWASHER	12	32	161443	90° FITTING	4
11	163634	WASHER	12	33	161448	TEE	1
12	177700	CAGE NUT	2	34	202504	O-RING	1
13	202502	RETURN FILTER	1	35	202505	HYDRAULIC OIL FILTER ELEMENT	1
14	179808	SCREW JOINT	1	36	207894	SEAL KIT	1
15	202503	MANIFOLD	1	37	177654	SCREW JOINT	2
16	178646	NON RETURN VALVE	1	38	177974	ANGLE SCREW JOINT	2
17	202553	PRESSURE SWITCH	1	39	206849	SHIM - 0.5 MM	AR
18	162022	SCREW	4	40	208224	SHIM - 1.0 MM	AR
19	161669	LOCKWASHER S10	5	41	208225	SHIM - 2.0 MM	AR
20	161640	WASHER/GR A 10.5	4	42	208226	SHIM - 3.0 MM	AR
21	1528425G	BREATHER	1	43	206406	DECAL MARKING	1
22	177930	FILLER CAP	1	44	206407	DECAL MARKING	1

503Z - HYDRAULIC OIL TANK

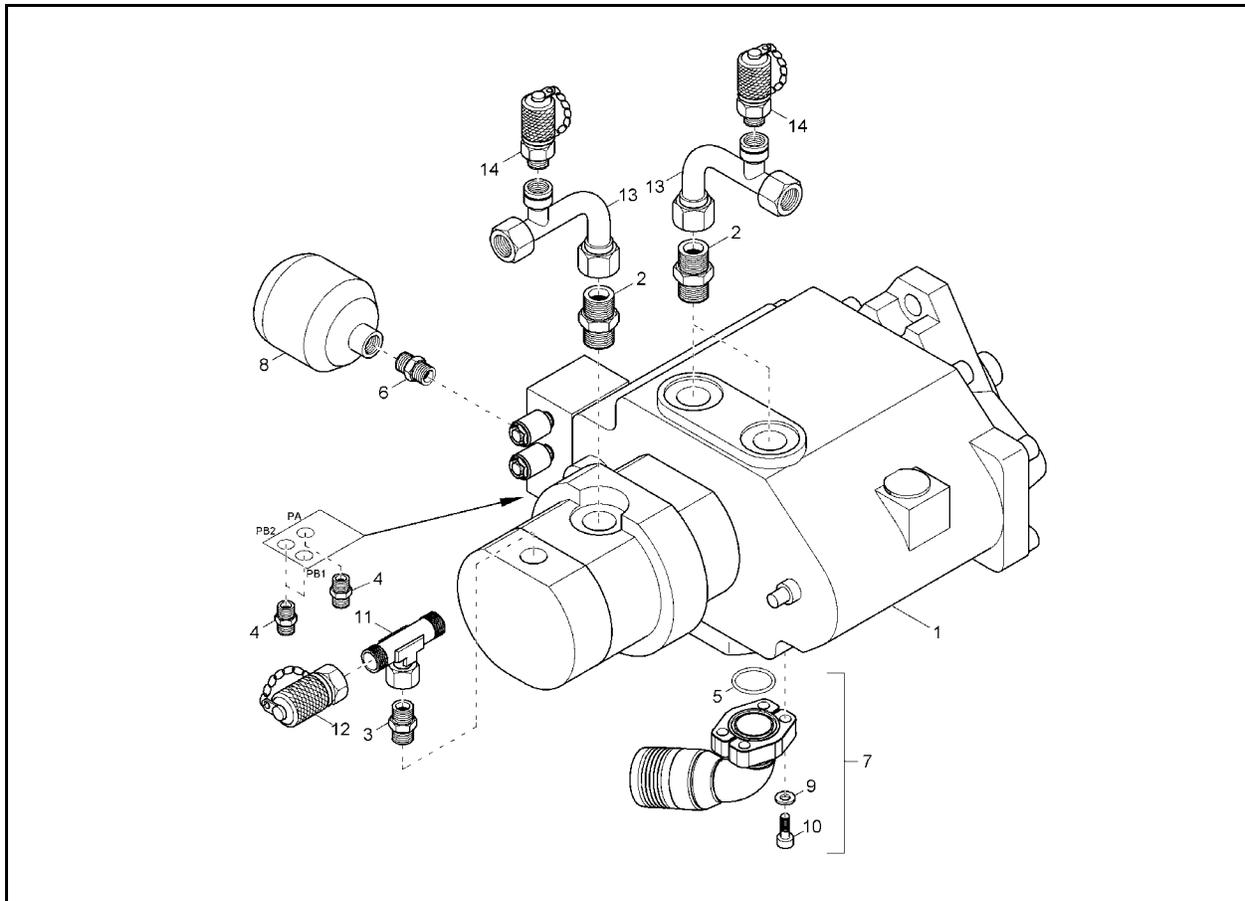
1000116304 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177757	HYDRAULIC TANK	1	26	161674	LOCKWASHER S16	6
2	162480	SCREW	3	27	161659	WASHER/GR A 5.3 ZO DIN125	6
3	163651	WASHER	3	28	161426	SCREW JOINT	5
4	161645	WASHER/GR A 13 DIN7349	3	29	161427	SCREW JOINT	1
5	161415	PLUG	1	30	161429	SCREW JOINT 12L	1
6	164925	SCREW	1	31	161430	SCREW JOINT	1
7	177816	COVER PLATE	1	32	161443	90° FITTING	4
8	161573	O-RING	2	33	161448	ELBOW	1
9	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	12	34	179865	O-RING	1
10	163670	LOCKWASHER	12	35	161067	HYDRAULIC OIL FILTER ELEMENT	1
11	163634	FLATWASHER	12	36	160996	SEAL KIT	1
12	177700	CAGE NUT	2	37	177654	SCREW JOINT	2
13	177959	RETURN FILTER	1	38	177974	ANGLE SCREW JOINT	2
14	177689	SCREW JOINT	1	39	206849	SHIM - 0.5 MM	AR
15	177760	MANIFOLD	1	40	208224	SHIM - 1.0 MM	AR
16	178646	NON RETURN VALVE	1	41	208225	SHIM - 2.0 MM	AR
17	163001	PRESSURE SWITCH	1	42	208226	SHIM - 3.0 MM	AR
18	162022	SCREW	4	43	206406	DECAL MARKING (SN AC02925 and up)	1
19	161669	LOCKWASHER S10	4	44	206407	DECAL MARKING (SN AC02925 and up)	1
20	161640	WASHER/GR A 10.5	4	45	651393	CS M10-1.5 X 25 C8.8 ZY	2
21	1528425G	BREATHER	1	46	161663	WASHER/GR. A 10.5 ZO	2
22	177930	FILLER CAP	1	47	206157	PIPE LINE (0.40 M)	1
23	204947	OIL TANK CAP (SN AD04680 and up)	1	48	205505	HYDRAULIC OIL ELEMENT (SN AD04680 and up)	1
24	177873	OIL TANK CAP (SN AD04679 and before)	1	49	161397	HYDRAULIC OIL ELEMENT (SN AD04679 and before)	1
25	206436	HEX SCREW	6				

503Z - HYDRAULIC PUMP EXTERNAL COMPONENTS

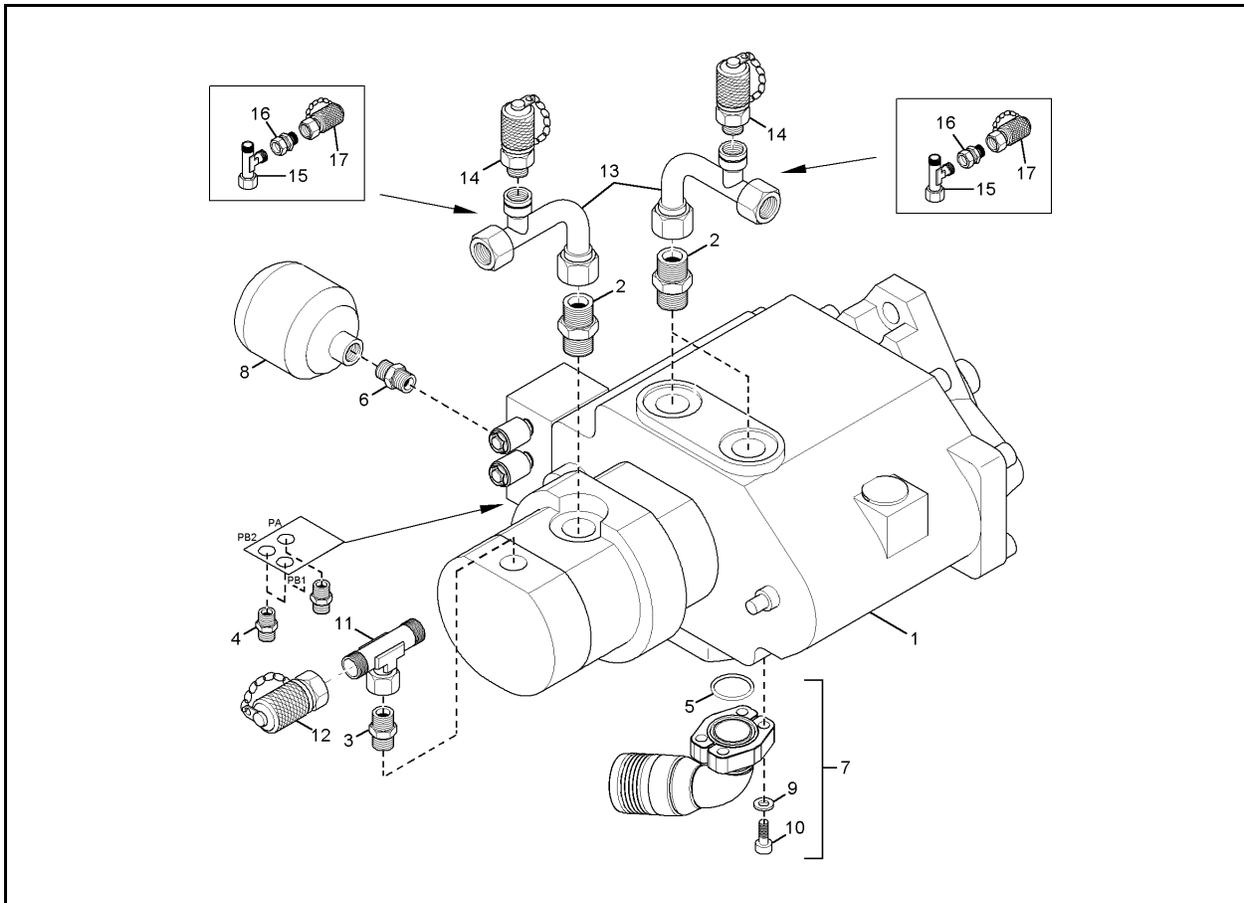
1000179996 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202506	HYDRAULIC PUMP	1	8	160437	ACCUMULATOR	1
2	179843	SCREW JOINT	3	9	161669	LOCKWASHER S10	4
3	165970	SCREW JOINT	1	10	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	4
4	164945	SCREW JOINT	3	11	161450	TEE	1
5	161565	O-RING	1	12	0003638466	TEST CONNECTION 8 L A3C	1
6	206375	ADAPTOR	1	13	207405	ELBOW	3
7	177759	SUCTION FLANGE	1	14	204847	TEST PORT	3

503Z - HYDRAULIC PUMP EXTERNAL COMPONENTS

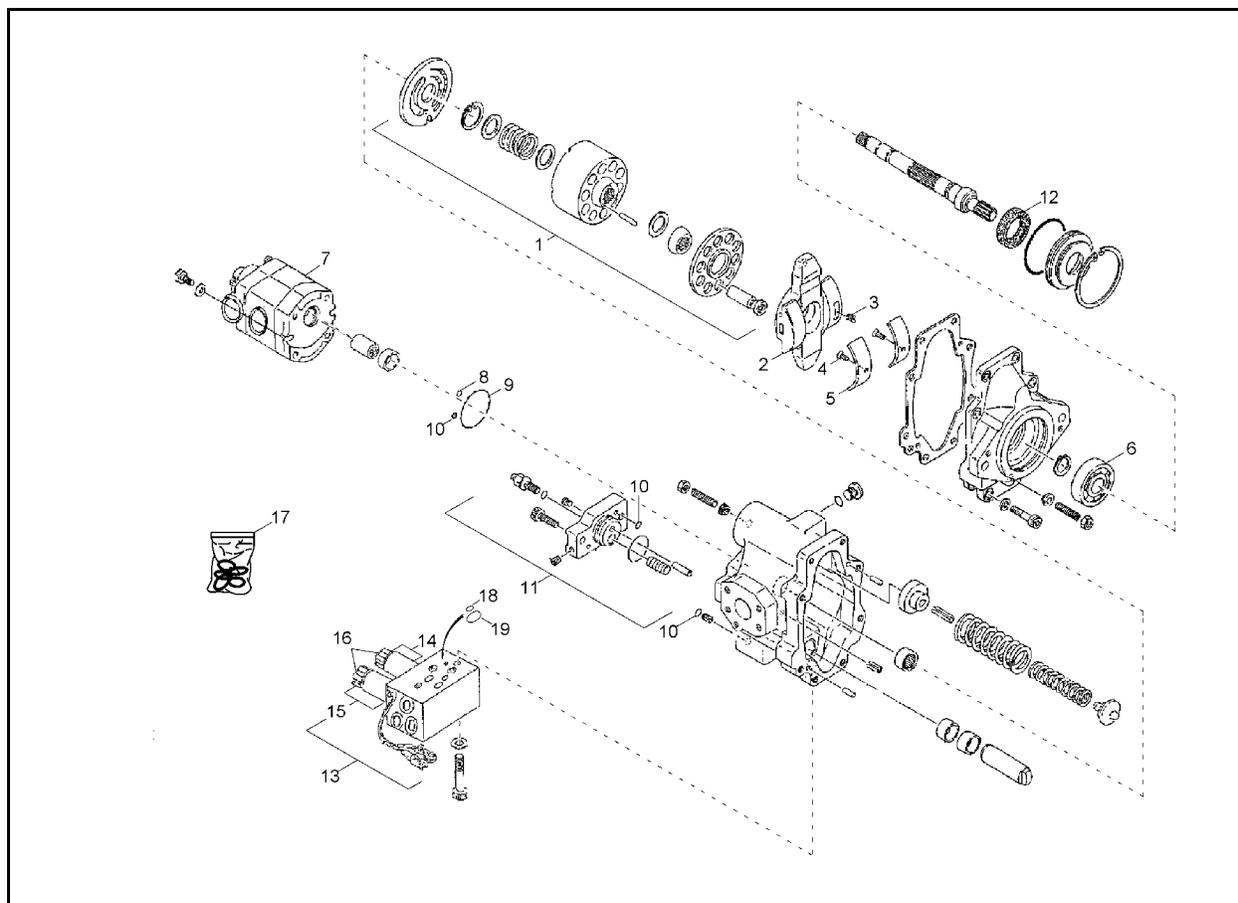
1000124116 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202506	HYDRAULIC PUMP	1	10	651473	SHCS M10-1.2 X 25 8.8 ZO	4
	177706	HYDRAULIC PUMP	1	11	161450	TEE	1
2	179843	SCREW JOINT	3	12	0003638466	TEST CONNECTION 8 L A3C	1
3	165970	SCREW JOINT	1	13	207405	ELBOW (SN AC03368 and up)	3
4	164945	SCREW JOINT	3	14	204847	TEST PORT (SN AC03368 and up)	3
5	161565	O-RING	1	15	161449	ELBOW	3
6	206375	ADAPTER	1	16	161460	REDUCTION JOINT (SN AC03367 and before)	3
7	177759	SUCTION FLANGE	1	17	0003638466	TEST PORT	3
8	160437	ACCUMULATOR	1				
9	161669	LOCKWASHER S10	4				

503Z - HYDRAULIC PUMP INTERNAL COMPONENTS

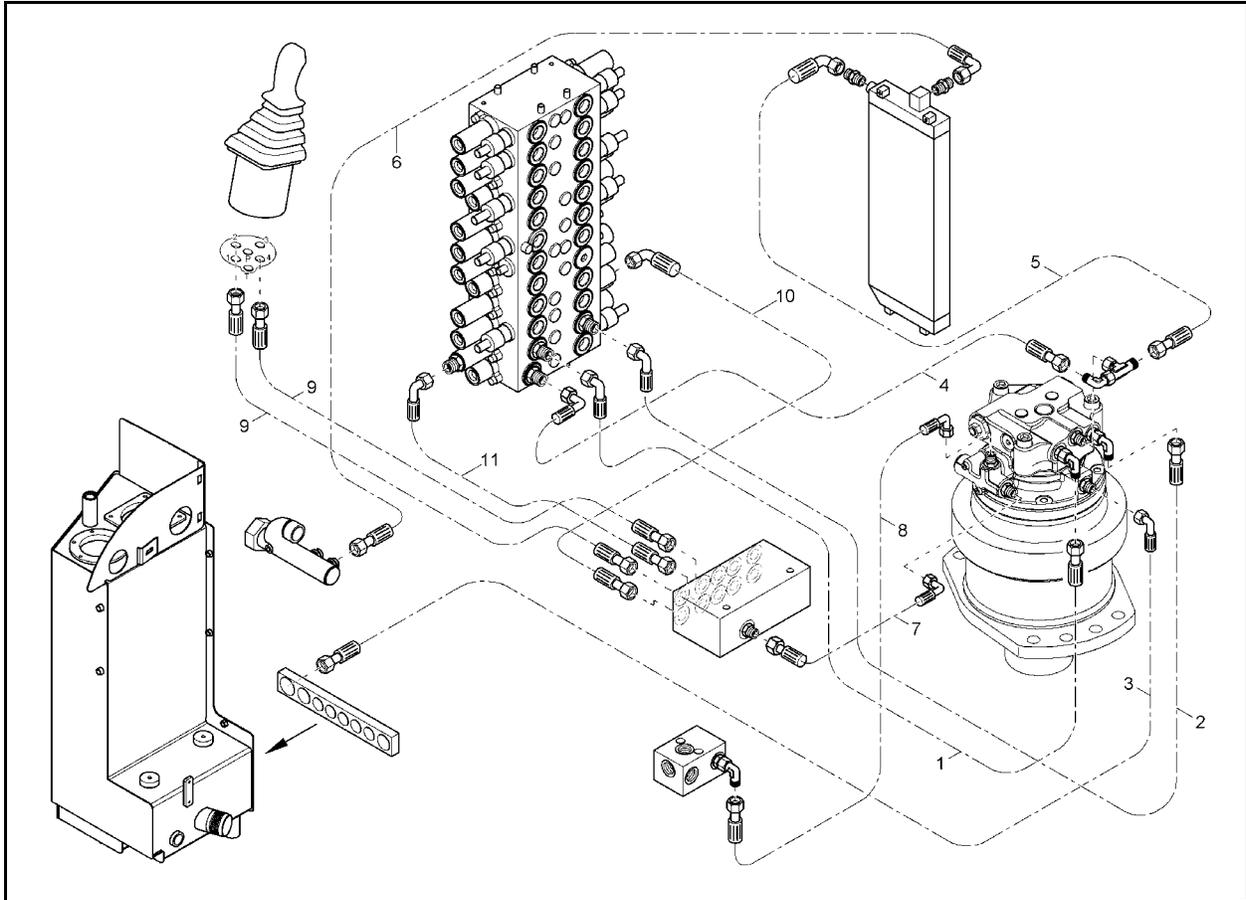
1000124512



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204948	DRIVE UNIT	1	11	202509	CONTROL HOUSING	1
2	204970	SWASH PLATE	1	12	205702	ROTARY SHAFT SEAL	1
3	205475	SCREW	1	13	178001	VALVE	1
4	204949	SCREW	2	14	1528406G	SOLENOID SWITCH	1
5	204950	BEARING	2	15	1528407G	SOLENOID SWITCH	1
6	204951	BEARING	1	16	178811	SCREW	2
7	178006	GEAR PUMP	1	17	178066	HYDRAULIC PUMP SEAL KIT	1
8	178812	O-RING	1	18	205701	O-RING	1
9	179135	O-RING	1	19	204952	O-RING	1
10	205701	O-RING	3				

503Z - TURNTABLE DRIVE UNIT INSTALLATION

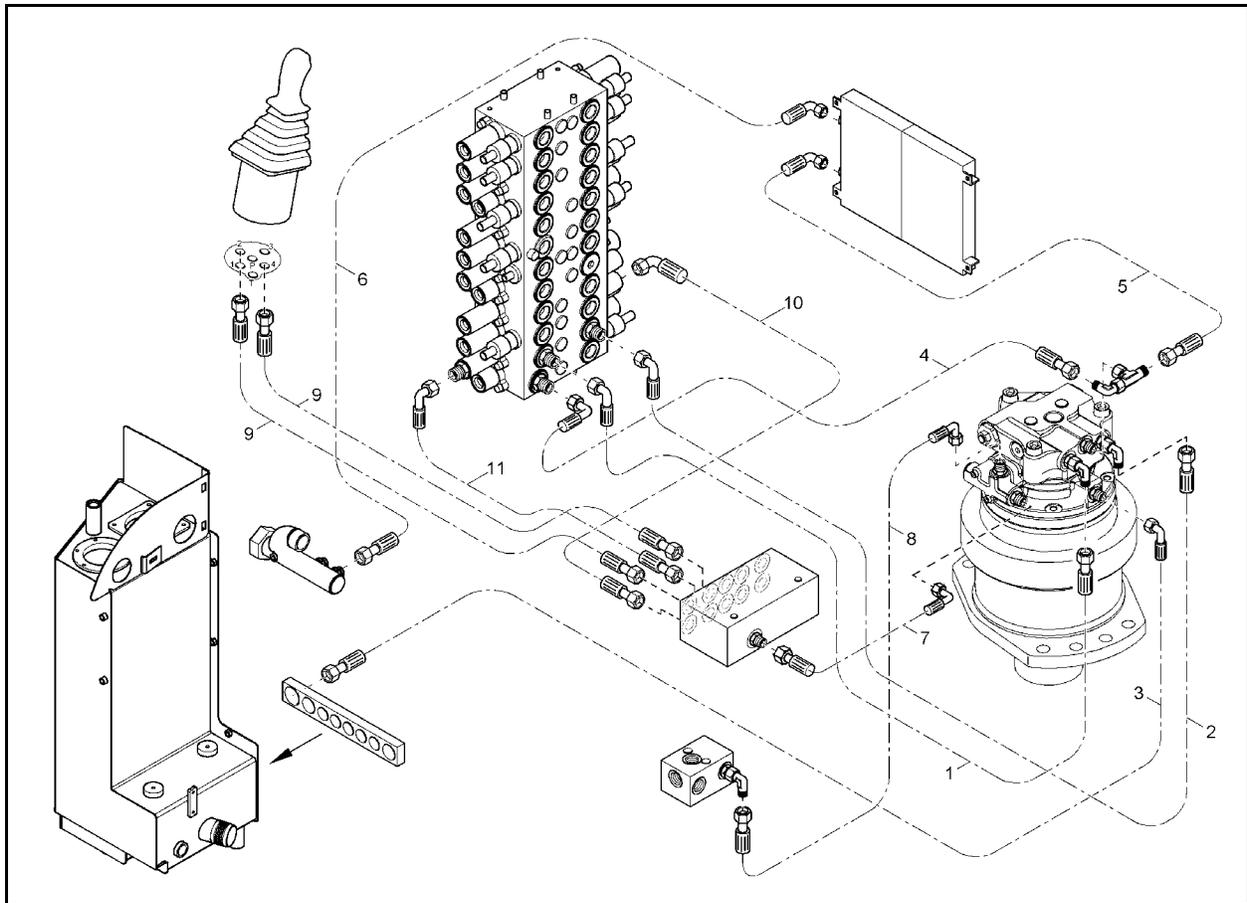
1000180049 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177828	HP HOSE	1	7	177671	HP HOSE	1
2	177829	HP HOSE	1	8	177670	HP HOSE	1
3	177830	HP HOSE	1	9	179544	HP HOSE	2
4	177835	HP HOSE	1	10	164795	HP HOSE	1
5	202507	HP HOSE	1	11	161350	HP HOSE	1
6	202508	HP HOSE	1				

503Z - TURNTABLE DRIVE UNIT INSTALLATION

1000125132 - (SN AC02471 - AD07125)

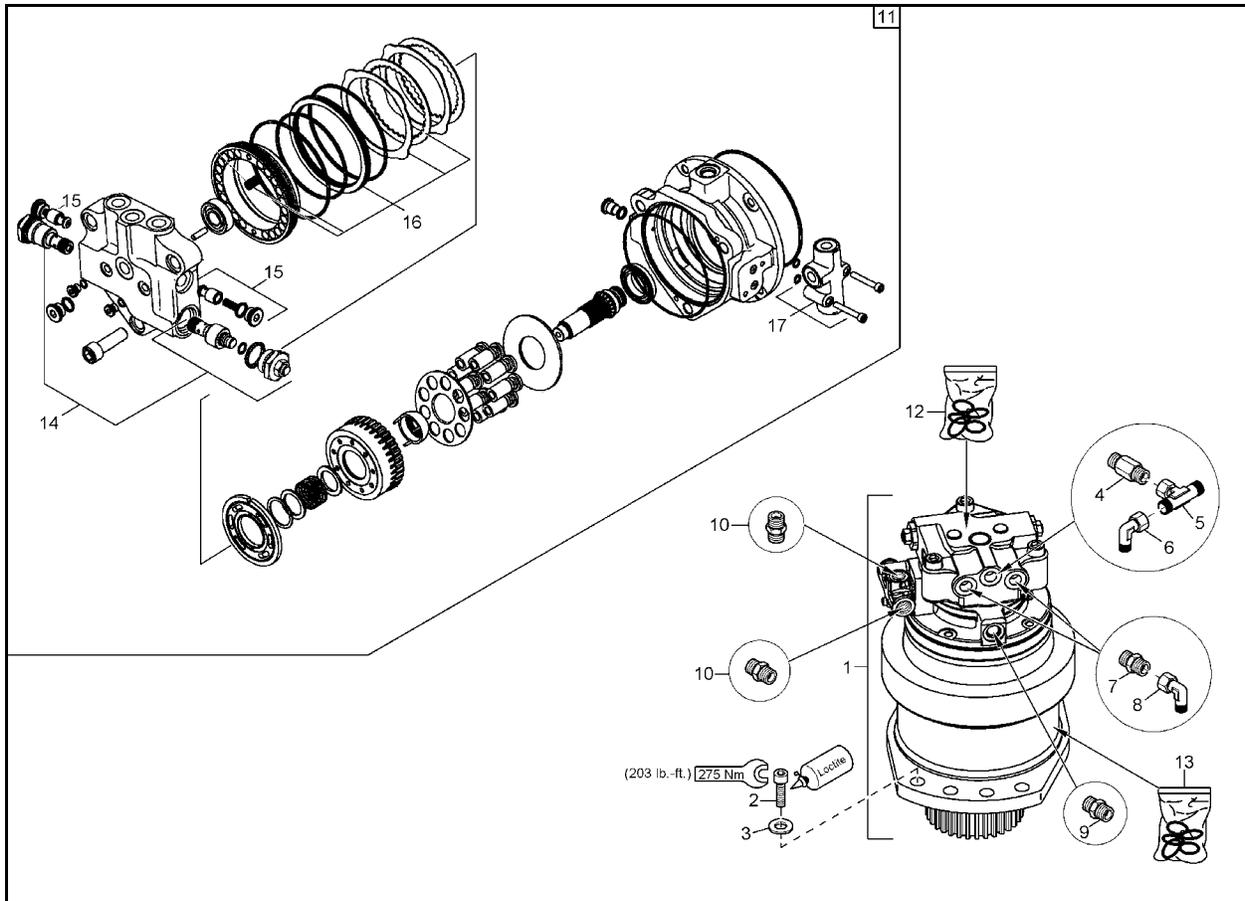


Ref. No.	Part No.	Description	Qty.
1	177828	HP HOSE	1
2	177829	HP HOSE	1
3	177830	HP HOSE	1
4	177835	HP HOSE	1
5	177946	HP HOSE	1
6	177947	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
7	177671	HP HOSE	1
8	177670	HP HOSE	1
9	179544	HP HOSE	2
10	164795	HP HOSE	1
11	161350	HP HOSE	1

503Z - TURNTABLE DRIVE UNIT

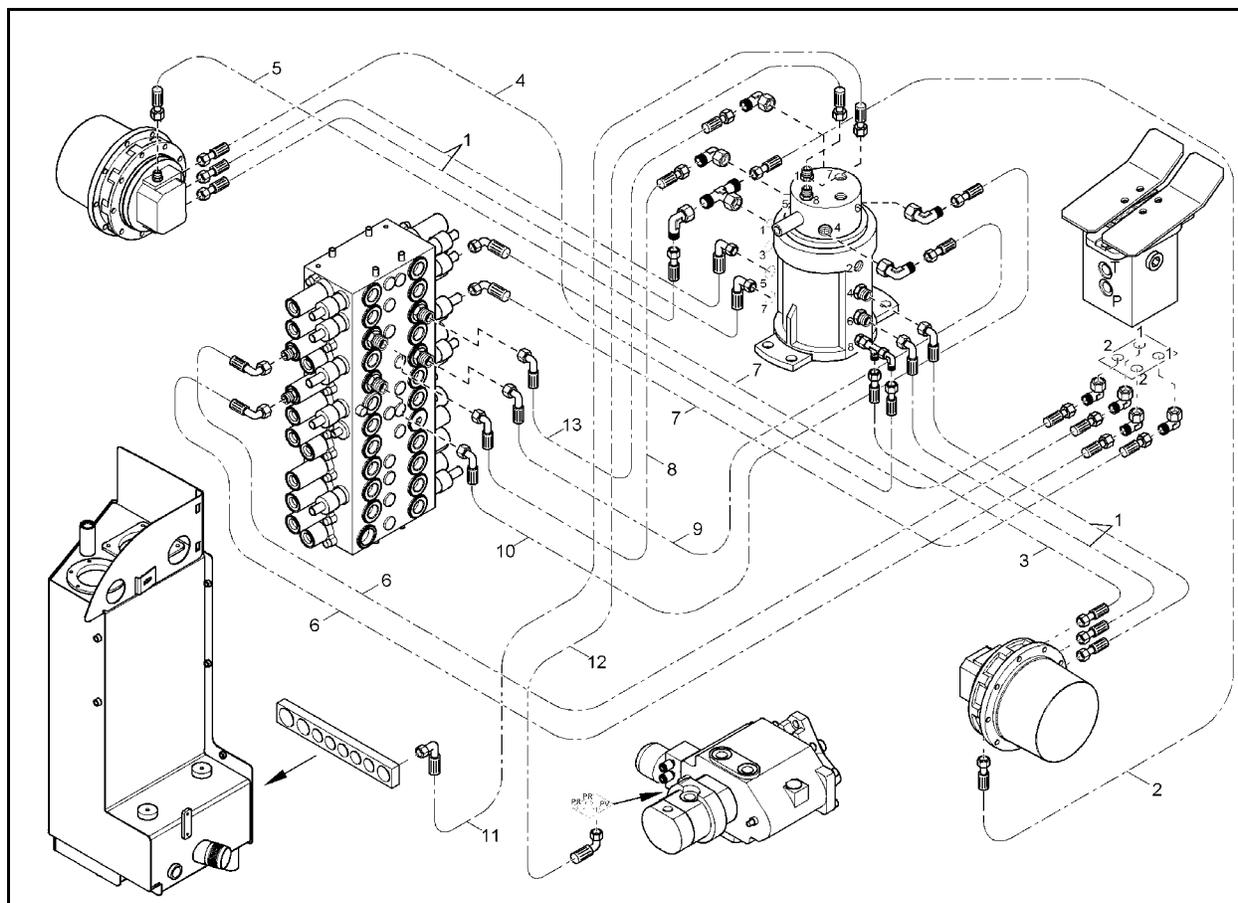
1000117919



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177711	SWIVEL DRIVE	1	10	164945	SCREW JOINT	2
2	651497	SHCS M16-1.5 X 50 10.9 ZO	8	11	178656	TORQUE MOTOR	1
3	161637	WASHER/NORD-LOCK NL 16	8	12	179117	SEAL KIT	1
4	177878	SCREW CONNECTION	1	13	177955	SEAL KIT	1
5	161451	TEE	1	14	179116	SHOCK VALVE	1
6	161447	90° FITTING	1	15	162284	ANTICAVITATION VALVE KIT	1
7	165971	SCREW JOINT	2	16	178961	BRAKE ASSY	1
8	161446	90° FITTING	2	17	178959	TIMER VALVE	1
9	165966	SCREW JOINT	1				

503Z - DRIVE MOTOR INSTALLATION

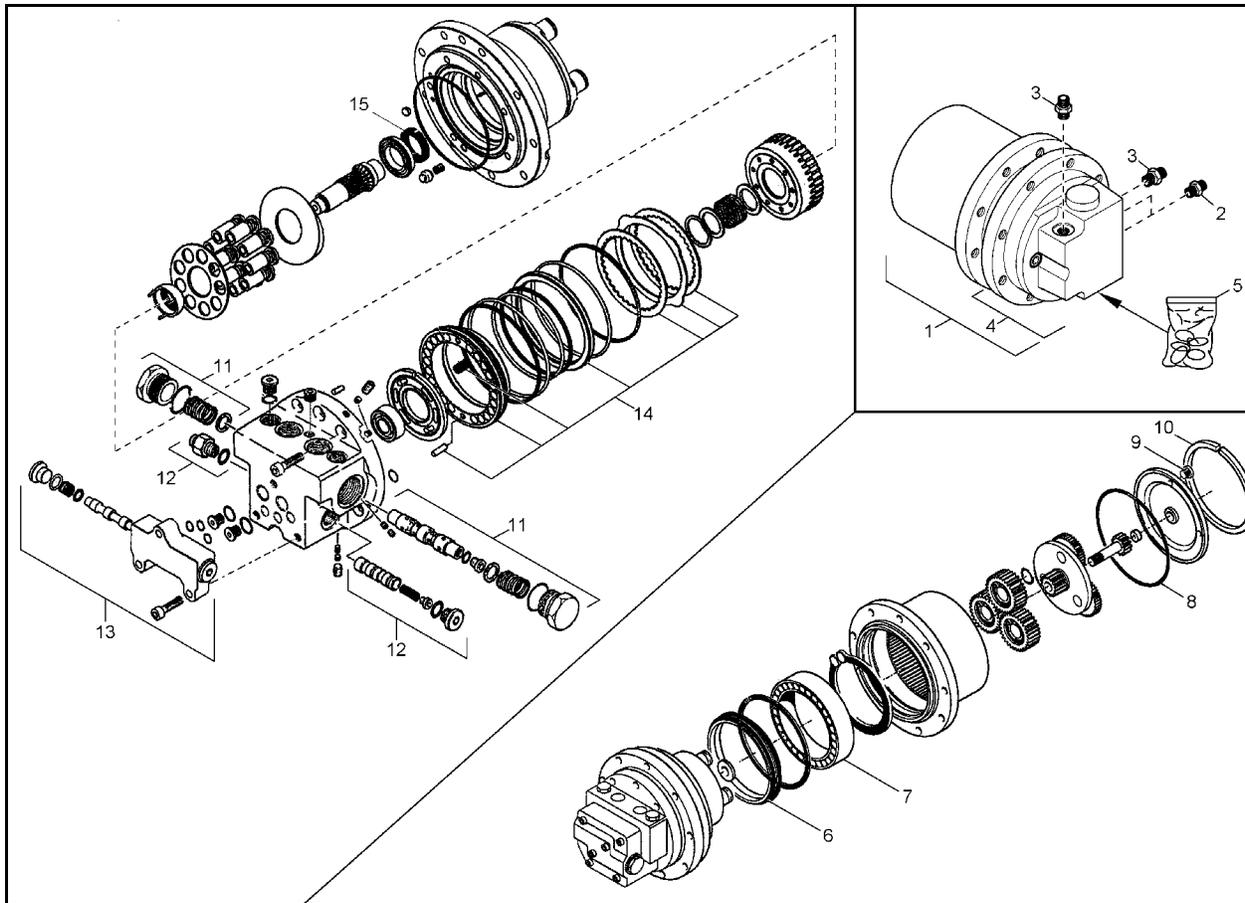
1000125120



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177853	HP HOSE	4	8	177846	HP HOSE	1
2	161256	HP HOSE	1	9	177845	HP HOSE	1
3	161253	HP HOSE	1	10	178070	HP HOSE	1
4	161254	HP HOSE	1	11	177675	HP HOSE	1
5	161255	HP HOSE	1	12	179527	HP HOSE	1
6	177673	HP HOSE	2	13	178069	HP HOSE	1
7	177668	HP HOSE	2				

503Z - DRIVE MOTOR

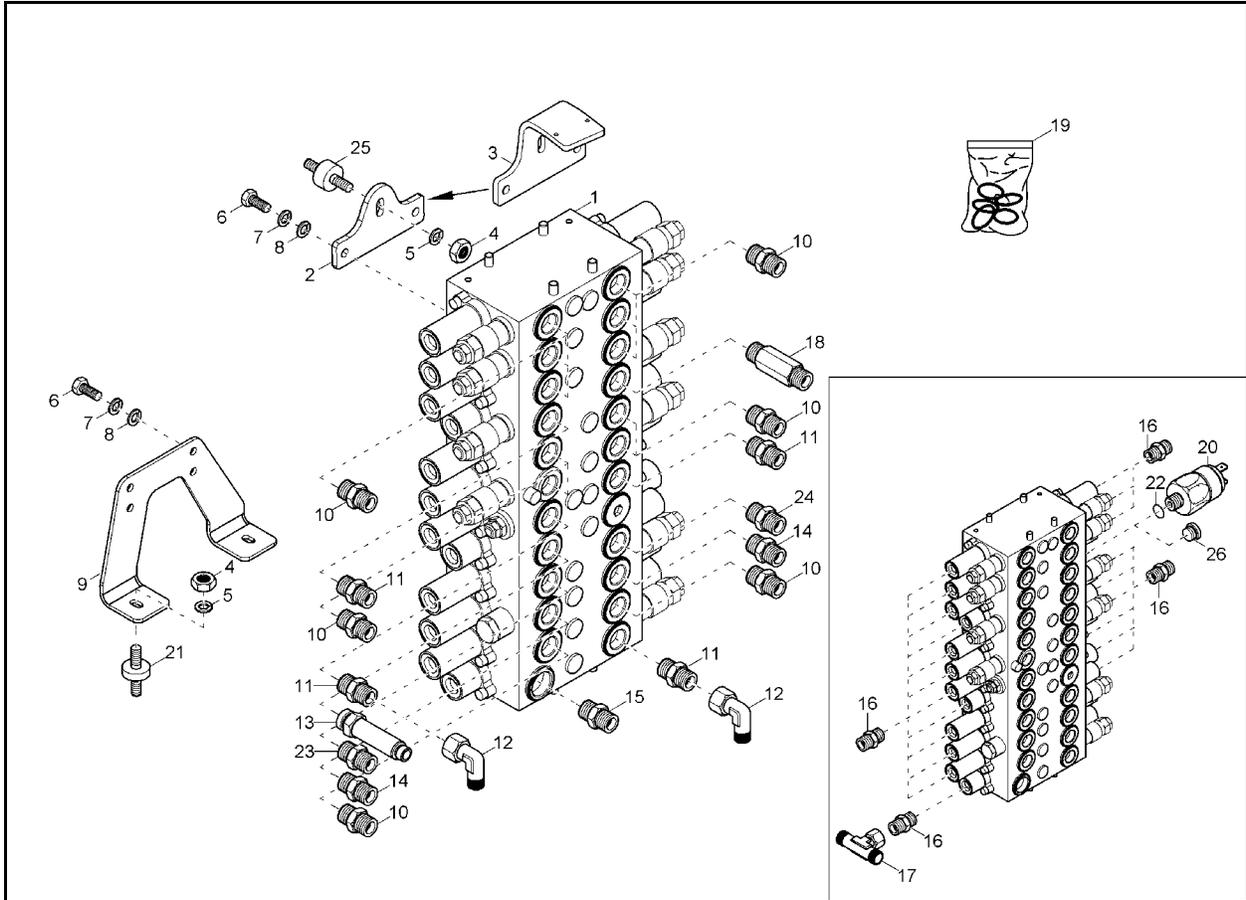
1000124409



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177709	DRIVE MOTOR COMPLETE	2	9	176943	PLUG	2
2	179843	SCREW JOINT	4	10	176944	LOCK RING	2
3	165970	SCREW JOINT	4	11	206132	BRAKE VALVE	2
4	177982	TRAVEL MOTOR	2	12	206133	CONTROL PLUNGER	2
5	177998	SEAL KIT DRIVE MOTOR	2	13	206134	ANTICAVITATION VALVE	2
6	206128	SEAL	2	14	206135	ENGINE BRAKE KIT	2
7	206129	BEARING	2	15	162186	SEAL RING	2
8	176945	O-RING	2				

503Z - CONTROL VALVE FITTINGS

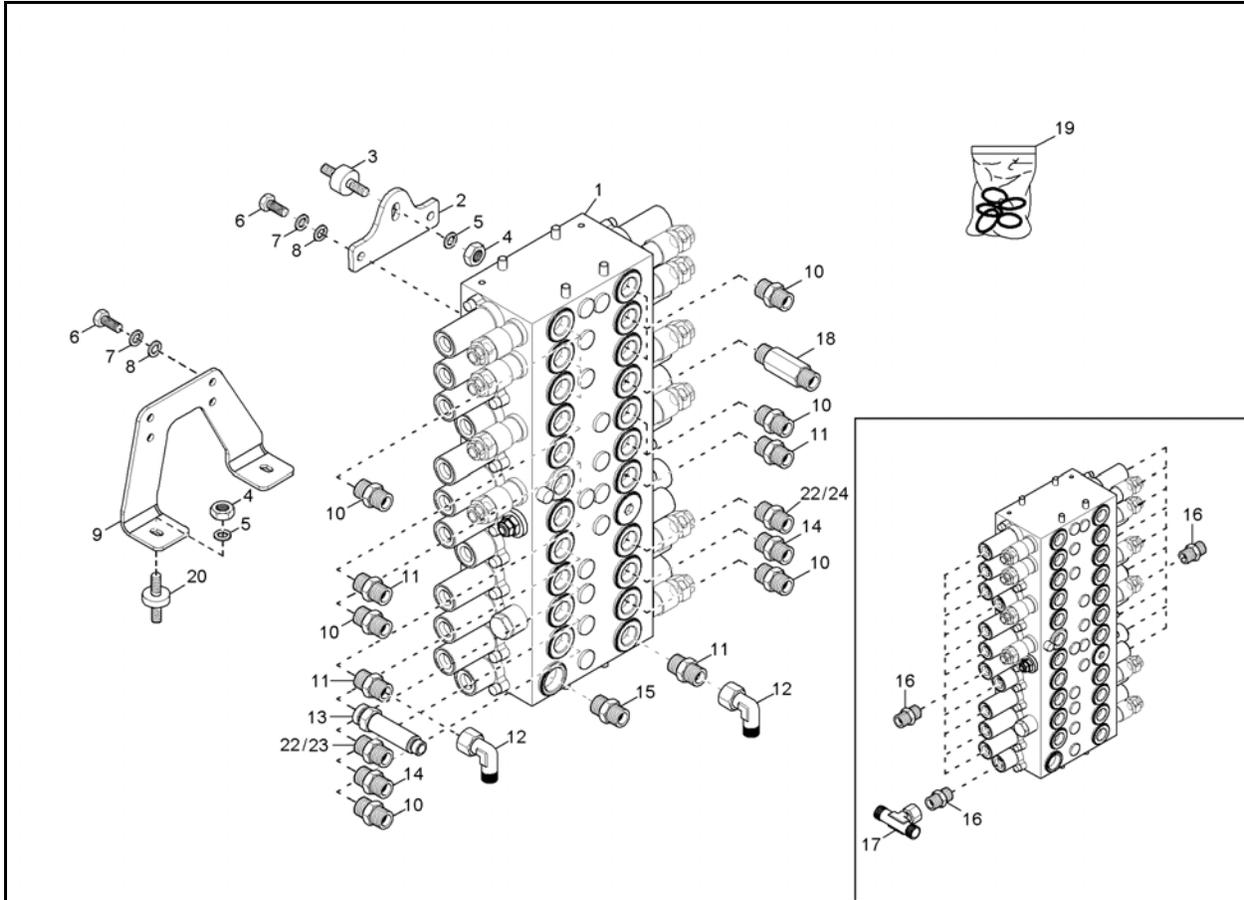
1000180042 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176103	CONTROL BLOCK	1	14	165967	SCREW JOINT	2
2	177762	FASTEN PLATE	1	15	164947	SCREW JOINT	1
3	202510	FASTEN PLATE (OPTION)	1	16	164945	SCREW JOINT	22
4	651448	LN INS M10-1.5 C8 ZY DIN6924	3	17	161450	TEE	1
5	163642	WASHER	3	18	179817	SCREW JOINT	1
6	656006	CS M10X20	4	19	178116	SEAL KIT/CONTROL VALVE	1
7	161669	LOCKWASHER S10	4	20	202511	PRESSURE SWITCH (OPTION)	1
8	161640	WASHER/GR A 10.5	4	21	206409	RUBBER BUFFER	2
9	206408	FASTEN PLATE	1	22	202512	O-RING (OPTION)	1
10	165965	SCREW JOINT	12	23	206410	SCREW JOINT	1
11	179843	SCREW JOINT	4	24	208305	SCREW JOINT	1
12	161447	90° FITTING	2	25	164851	RUBBER METAL BUFFER	1
13	177876	SCREW CONNECTION	1	26	205708	PLUG	1

503Z - CONTROL VALVE FITTINGS

1000117855 - (SN AC02471 - AD07125)

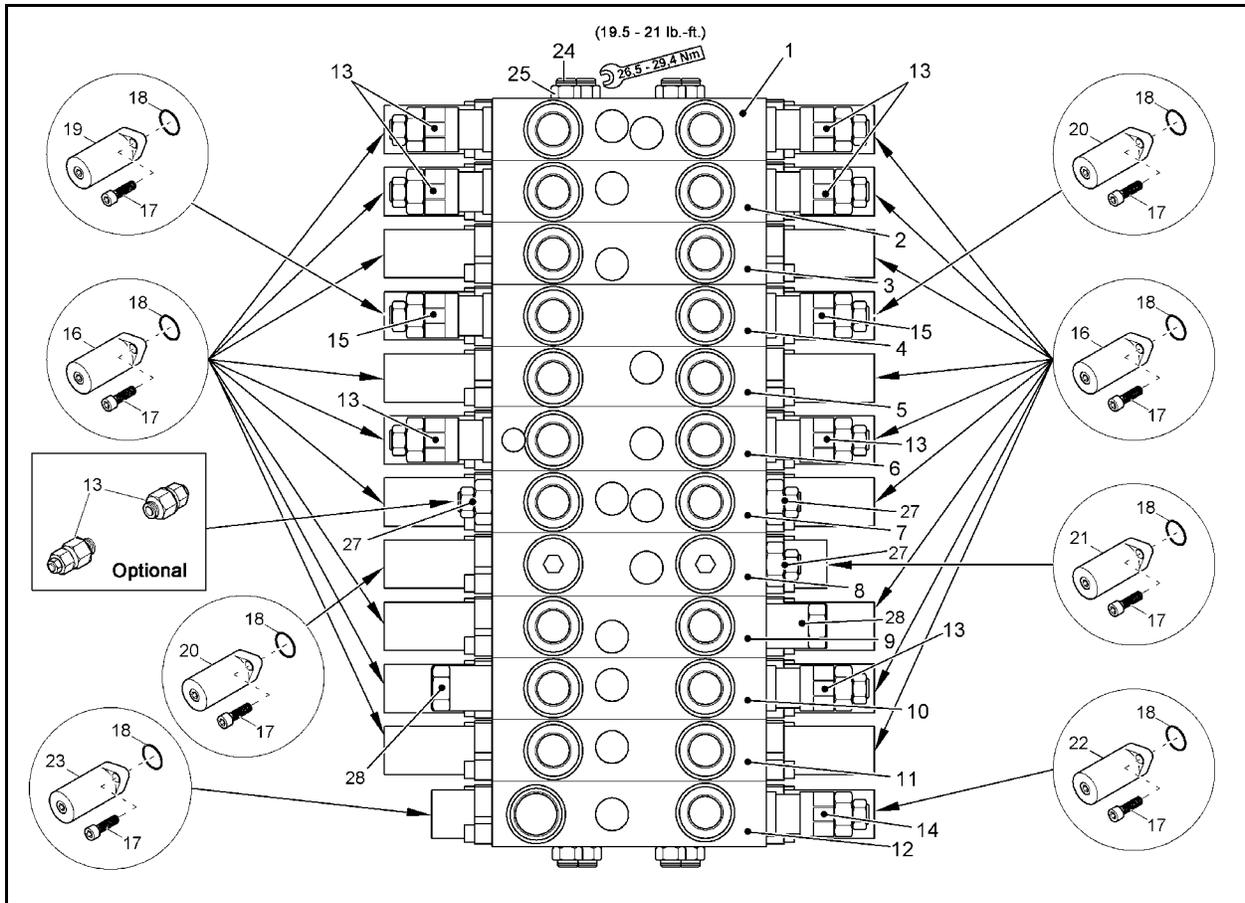


Ref. No.	Part No.	Description	Qty.
1	176103	CONTROL BLOCK	1
2	177762	FASTEN PLATE	1
3	164851	RUBBER METAL BUFFER	1
4	651448	HLN INST M10-1.50 C8 ZO	3
5	163642	WASHER	3
6	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
7	161669	LOCKWASHER S10	4
8	161640	WASHER/GR A 10.5	4
9	206408	FASTEN PLATE	1
10	165965	SCREW JOINT	12
11	179843	SCREW JOINT	4
12	161447	90° FITTING	2
13	177876	SCREW CONNECTION	1
14	165967	SCREW JOINT	2

Ref. No.	Part No.	Description	Qty.
15	164947	SCREW JOINT	1
16	164945	SCREW JOINT	22
17	161450	TEE	1
18	179817	SCREW JOINT	1
19	178116	SEAL KIT CONTROL VALVE	1
20	206409	RUBBER BUFFER (SN AC02943 and up)	2
	164851	RUBBER BUFFER (SN AC02942 and before)	2
22	165967	SCREW JOINT (SN AC03330 and before)	2
23	206410	SCREW JOINT (SN AC03331 and up)	1
24	208305	SCREW JOINT (SN AC03331 and up)	1

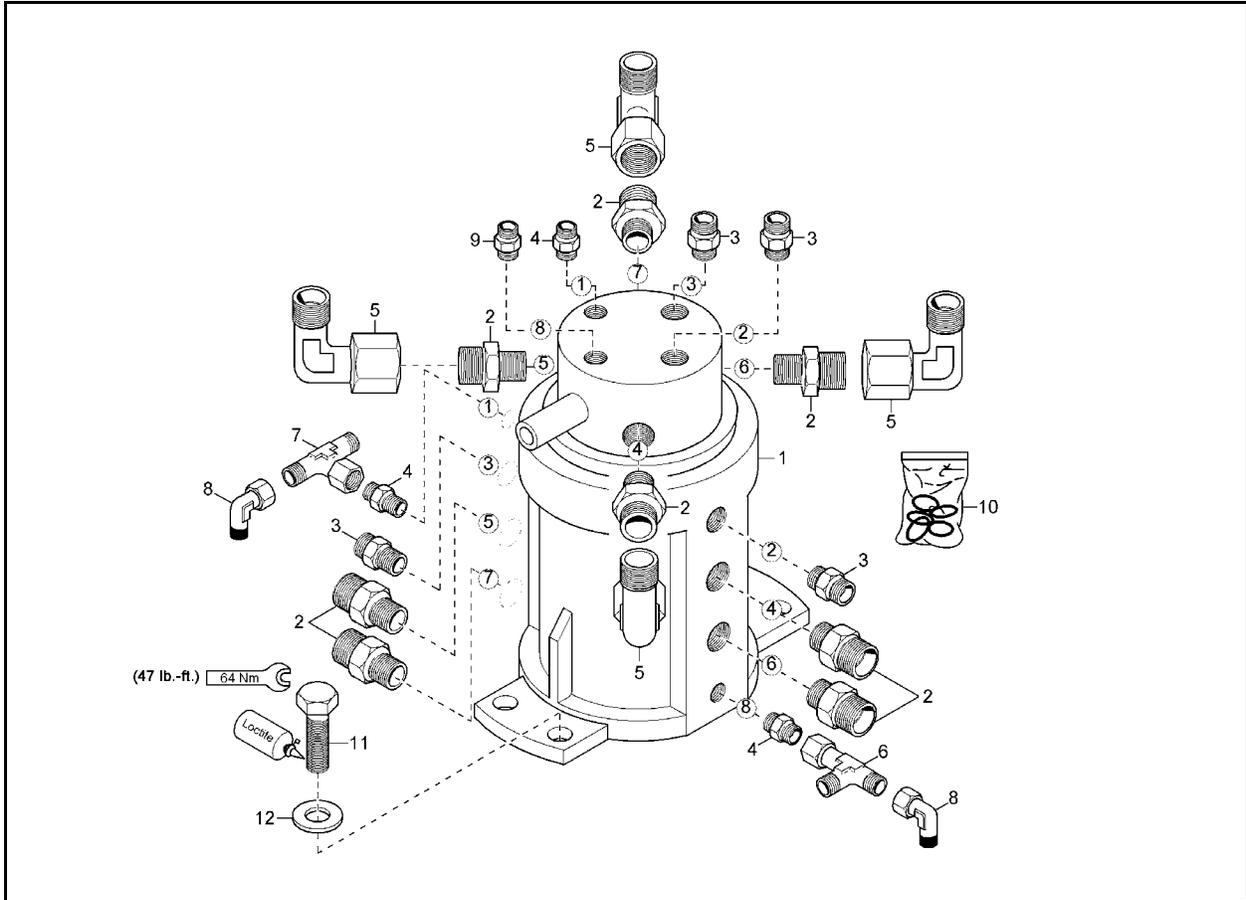
503Z - CONTROL VALVE ASSEMBLY

1000124552



Ref. No.	Part No.	Description	Qty.
1	178077	BUCKET SEGMENT	1
2	178079	LIFTING BOOM SEGMENT	1
3	178078	SEGMENT (LEFT)	1
4	178080	INPUT SEGMENT	1
5	178081	SEGMENT (RIGHT)	1
6	178082	SEGMENT	1
7	178083	SUPPL. HYDRAULIC SEGMENT	1
8	178084	EXIT SEGMENT	1
9	178085	SEGMENT	1
10	178086	DOZER BLADE SEGMENT	1
11	178087	ROTARY SEGMENT	1
12	178088	AUXILIARY SEGMENT	1
13	165536	PRESSURE RELIEF VALVE	9
14	178089	MAIN PRESSURE LIMITER	1

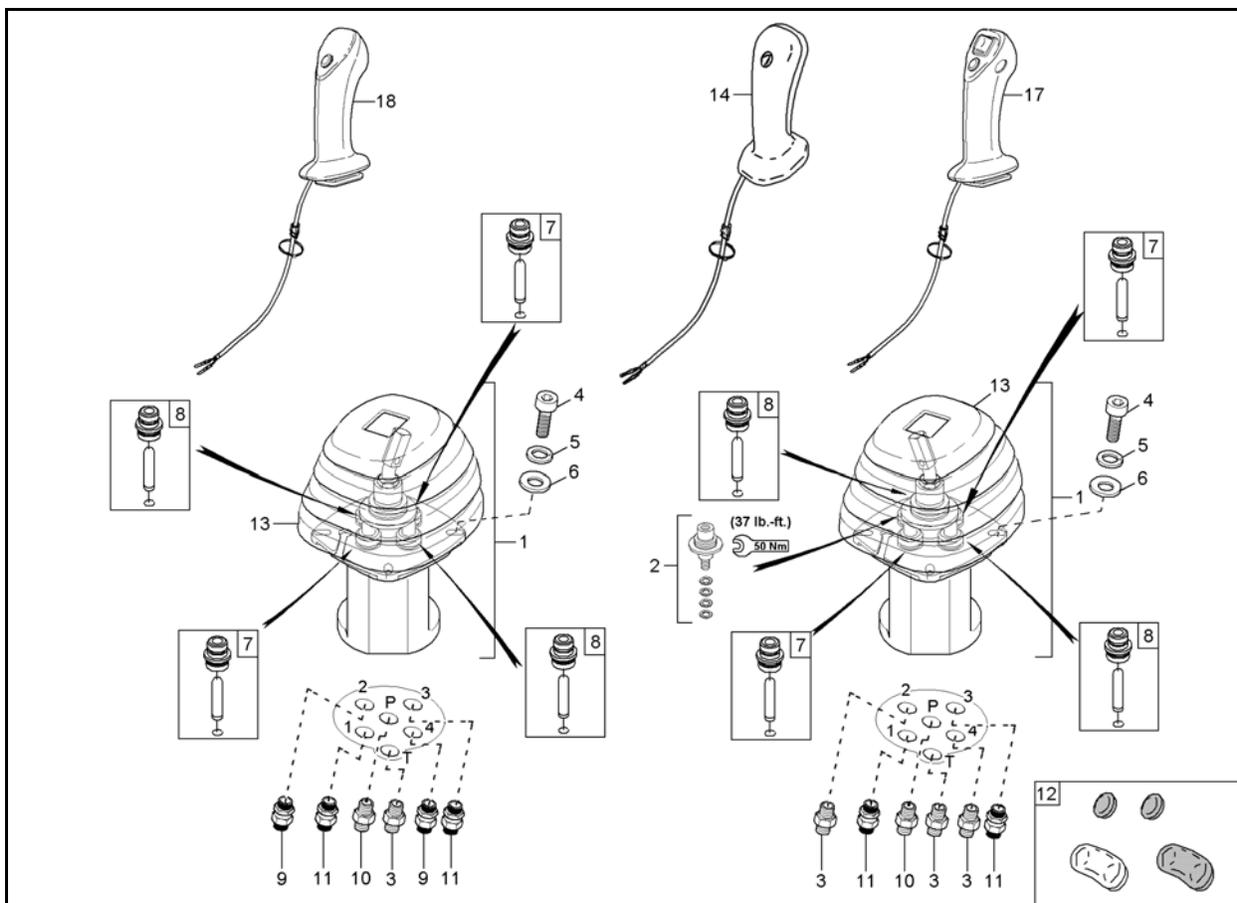
Ref. No.	Part No.	Description	Qty.
15	178090	MAIN PRESSURE LIMITER	2
16	178091	VALVE CAP	18
17	178092	SCREW	48
18	178093	O-RING	24
19	178094	VALVE CAP	1
20	178095	VALVE CAP	2
21	178096	VALVE CAP	1
22	178097	VALVE CAP	1
23	178098	VALVE CAP	1
24	178099	TIE ROD	4
25	178100	NUT	8
27	205117	SHUT OFF VALVE	3
28	165543	NON RETURN VALVE	2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179138	SWIVEL JOINT II	1	7	161450	TEE	1
2	9910346G	SCREW JOINT	8	8	161443	90° FITTING	2
3	161429	SCREW JOINT	4	9	161459	SCREW JOINT	1
4	161426	SCREW JOINT	3	10	179139	SEAL KIT (For Ref. 1 only)	1
5	161447	90° FITTING	4	11	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
6	161448	ELBOW	1	12	163641	WASHER	4

503Z - JOYSTICKS

1000161744 - (SN AD05132 AND UP)

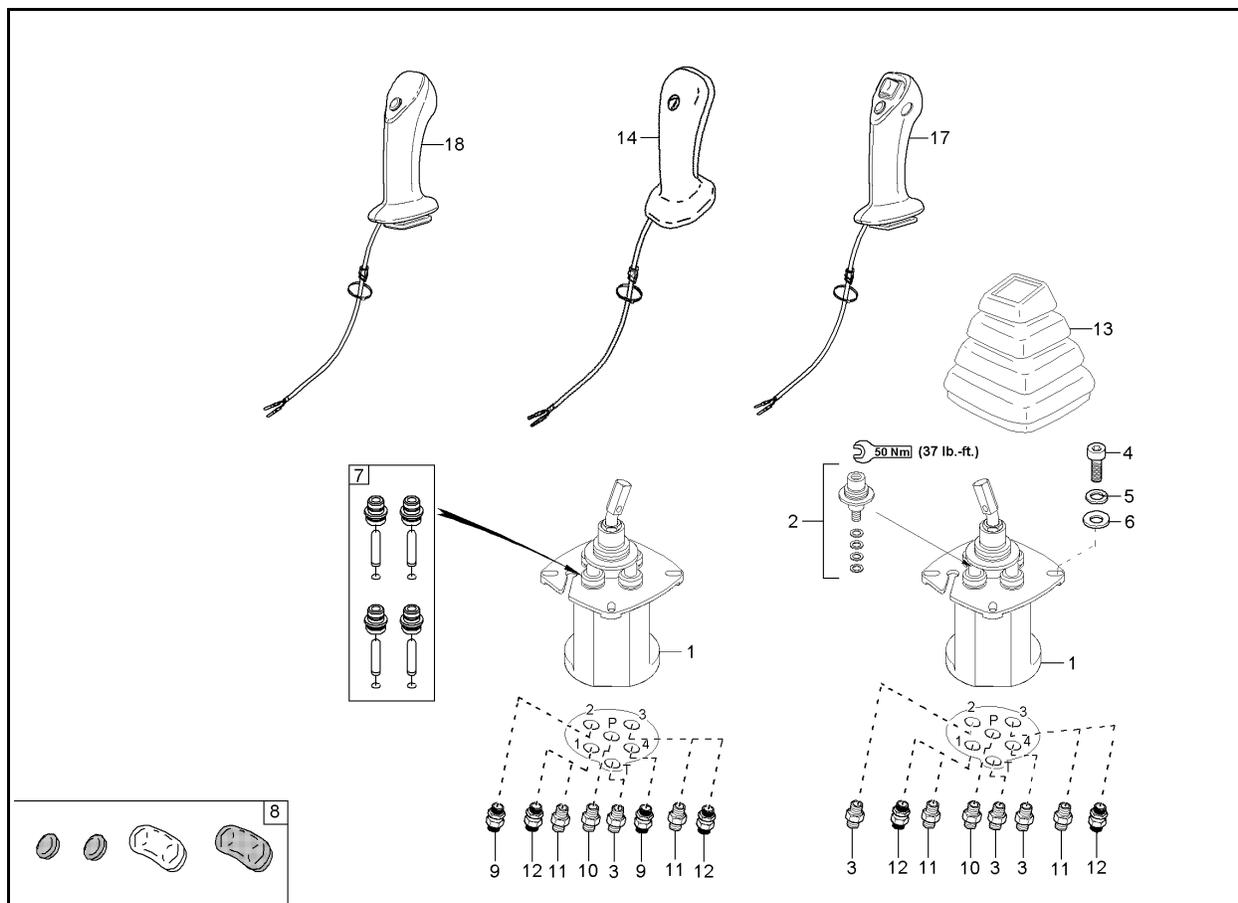


Ref. No.	Part No.	Description	Qty.
1	205869	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	4
4	651507	SHCS M6-1 X 20 C8.8 ZY	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A 6.4 ZO DIN 125	8
7	205999	PLUNGER KIT	4
8	205998	PLUNGER KIT	4

Ref. No.	Part No.	Description	Qty.
9	165976	RESTRICTOR	2
10	164535	PILOT CONTROL RESTRICTOR	2
11	179850	RESTRICTOR	4
12	177652	RUBBER CAP SET	2
13	206002	BELLOWS	2
14	165039	JOYSTICK	1
17	201832	KIT/JOYSTICK LT/PROPORTIONAL	1
18	201830	KIT/JOYSTICK RT	1

503Z - JOYSTICKS

1000161741 - (SN AD05131 AND BEFORE)

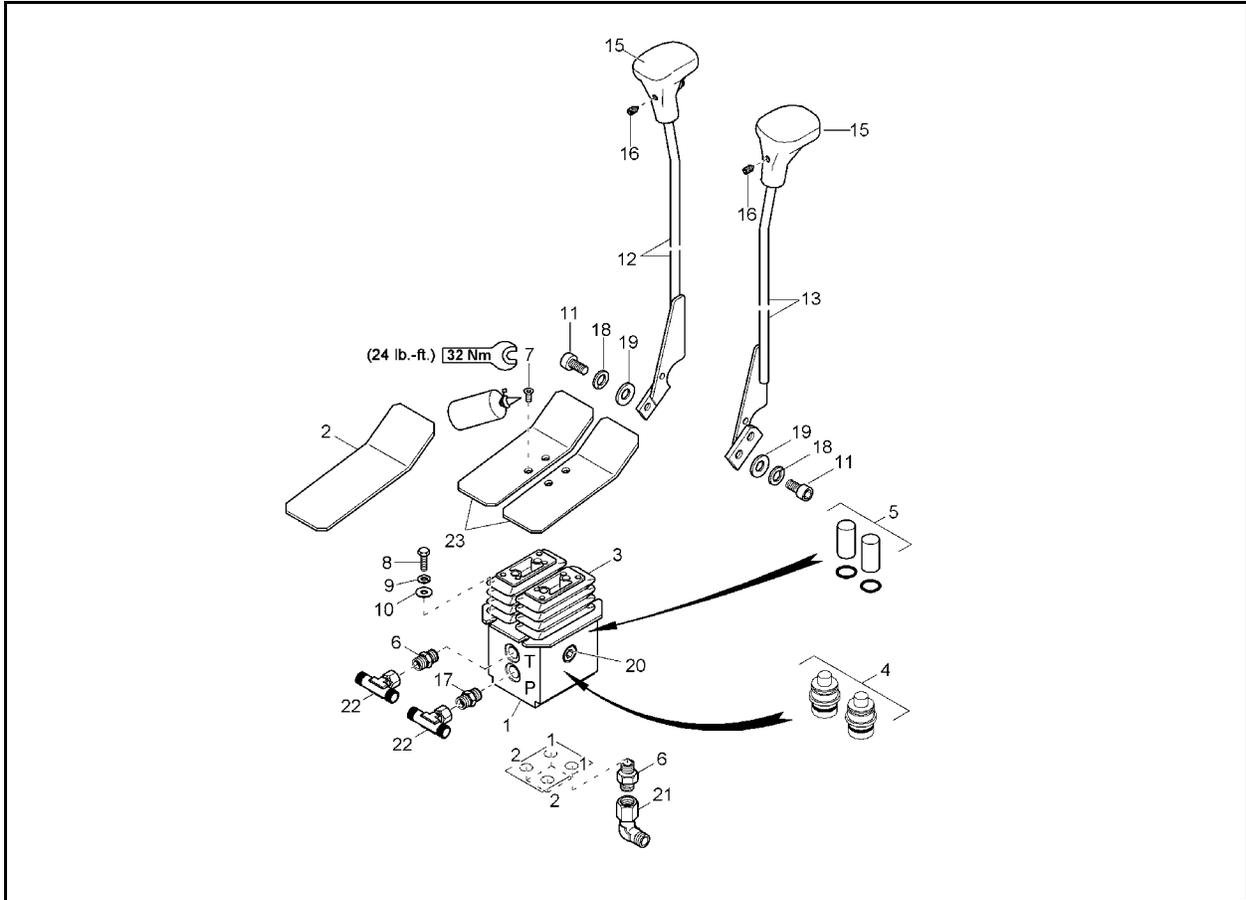


Ref. No.	Part No.	Description	Qty.
1	205531	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	4
4	651507	SHCS M6-1 X 20 C8.8 ZY	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A 6.4 ZO DIN 125	8
7	165040	PILOT VALVE SEAL KIT	2
8	177652	RUBBER CAP SET	2
9	165976	RESTRICTOR	2

Ref. No.	Part No.	Description	Qty.
10	164535	PILOT CONTROL RESTRICTOR	2
11	161426	SCREW JOINT (SN AC02873 and before)	4
12	179850	RESTRICTOR (SN AC02874 and up)	4
13	165038	BELLOWS	2
14	165039	JOYSTICK	1
17	201832	KIT/JOYSTICK LT/PROPORTIONAL	1
18	201830	KIT/JOYSTICK RT	1

503Z - TRAVEL PILOT VALVE

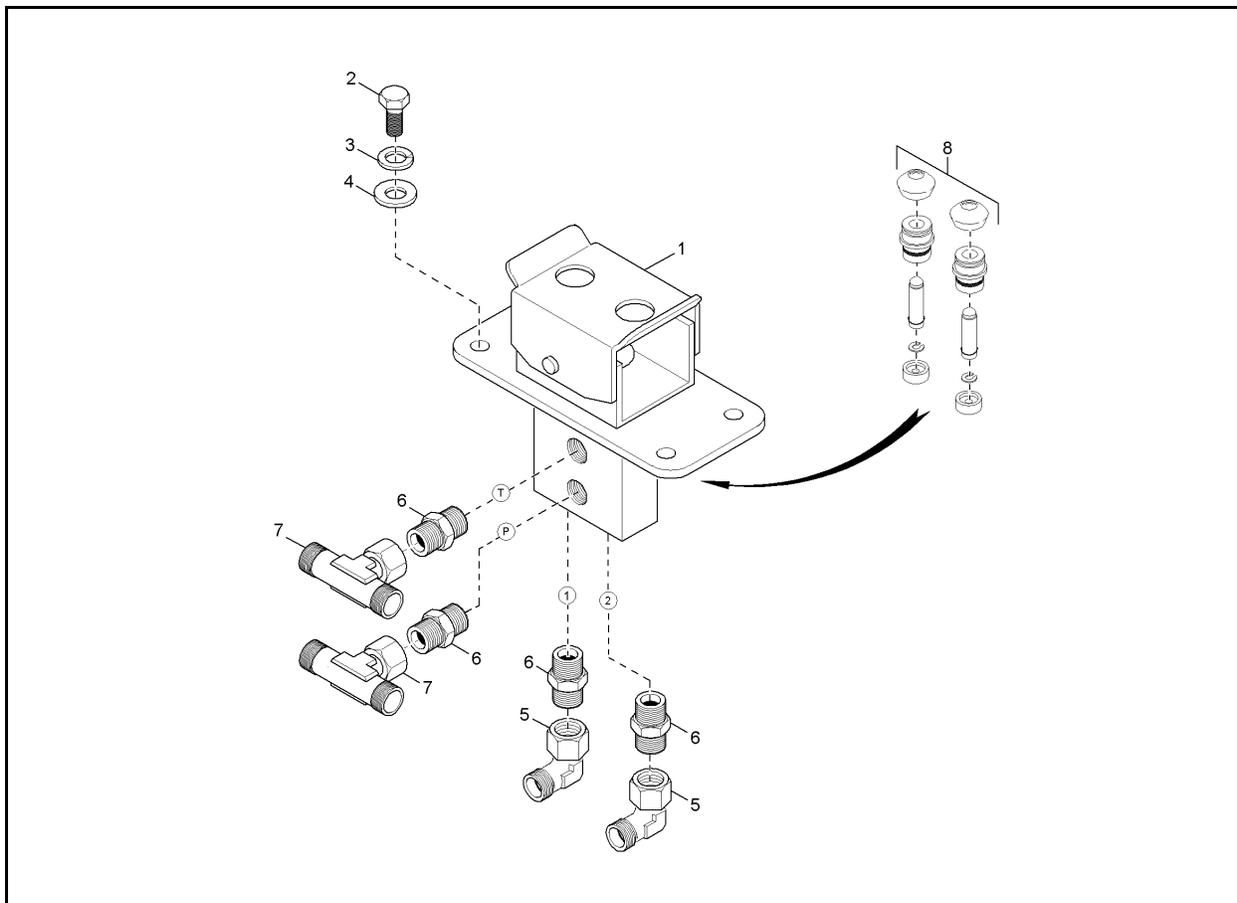
1000181072



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178947	TRAVEL PILOT VALVE COMPLETE	1	12	1423029G	TRAVEL JOYSTICK LT	1
2	165523	RUBBER	2	13	1423030G	TRAVEL JOYSTICK RT	1
3	165522	BELLOWS	1	15	161764	KNOB	2
4	165521	SEAL KIT LT/RT	1	16	162027	SET SCREW	2
5	165520	SEAL KIT	1	17	164535	PILOT CONTROL RESTRICTOR	1
6	161426	SCREW JOINT	5	18	161669	LOCKWASHER S10	4
7	179775	SCREW	4	19	161640	WASHER/GR A 10.5	4
8	177648	HEX SCREW	4	20	165514	SCREW	2
9	163670	LOCKWASHER	4	21	161443	90° FITTING	4
10	163634	FLATWASHER	4	22	161450	TEE	2
11	651472	SHCS M10-1.2 X 20 8.8 ZO	4	23	178563	KIT/PEDAL PLATE	1

503Z - AUXILIARY HYDRAULICS PILOT VALVE

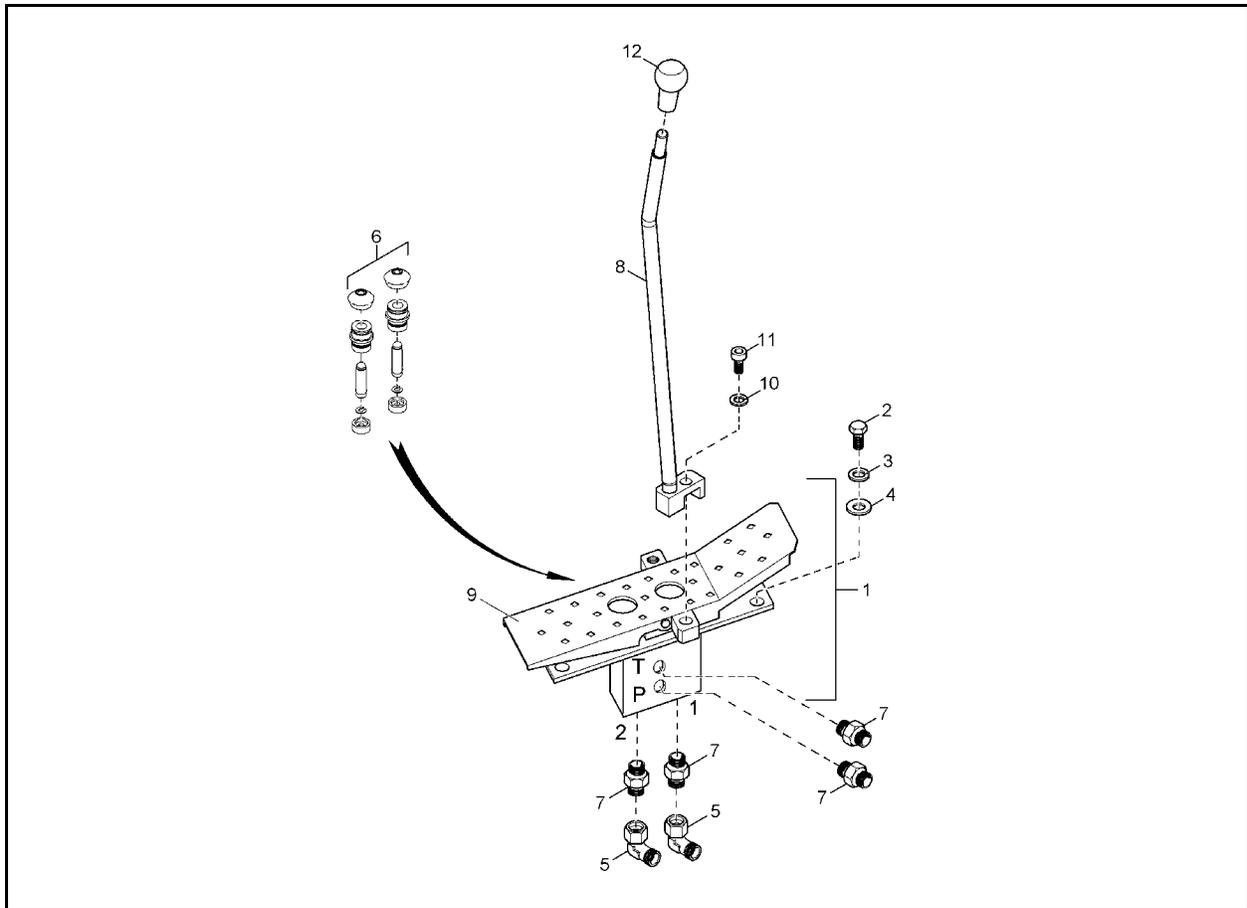
1000116870



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	ELBOW	2
4	163634	FLATWASHER	4	8	160918	PLUNGER KIT	1

503Z - DOZER BLADE VALVE

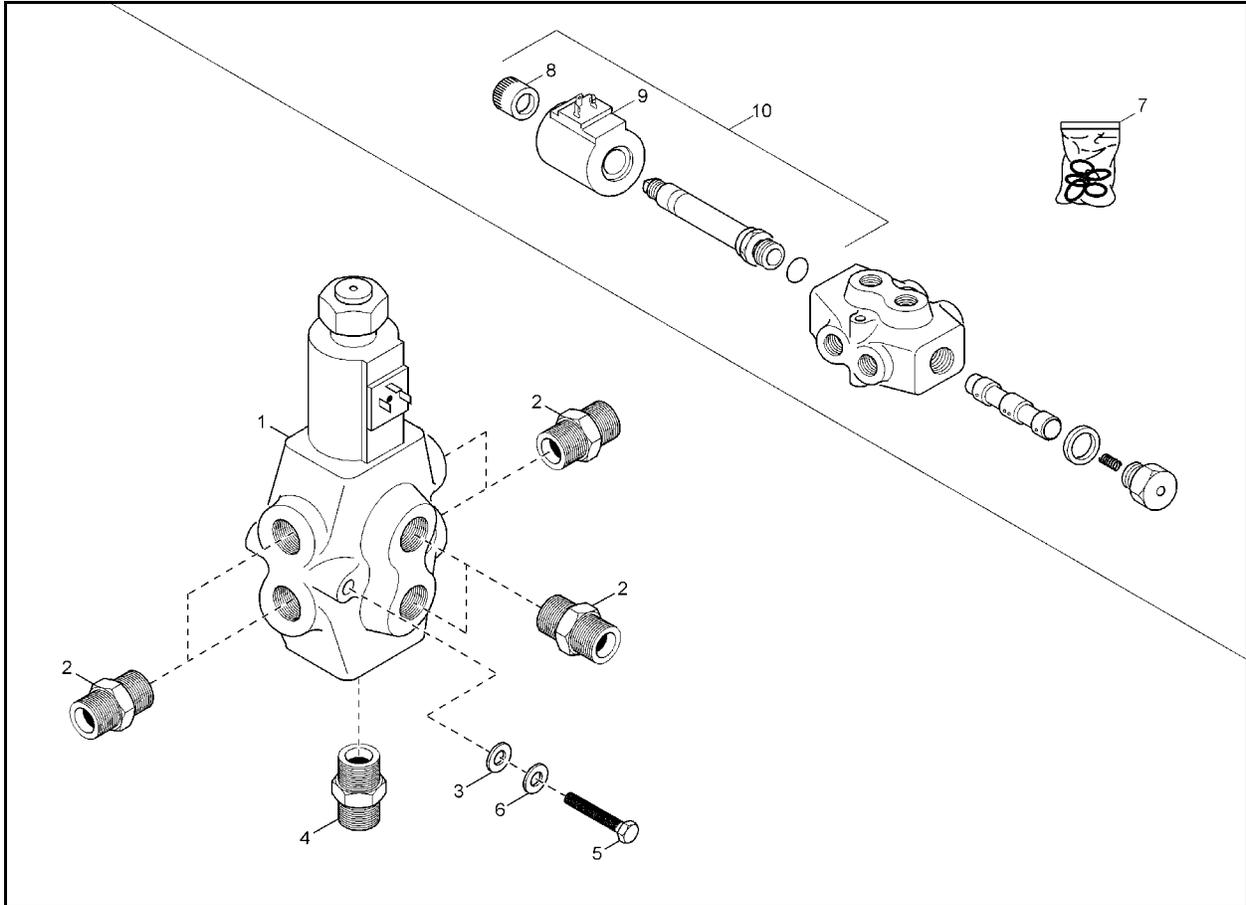
1000124147



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206413	DOZER BLADE VALVE COMPLETE	1	7	161426	SCREW JOINT	4
2	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	8	177962	DOZER BLADE LEVER	1
3	163670	LOCKWASHER	4	9	178979	PEDAL	1
4	163634	FLATWASHER	4	10	163651	WASHER	1
5	161443	90° FITTING	2	11	651483	SHCS M12-1.75X35 C10.9 ZY DIN912	1
6	160918	PLUNGER KIT	2	12	162398	KNOB	1

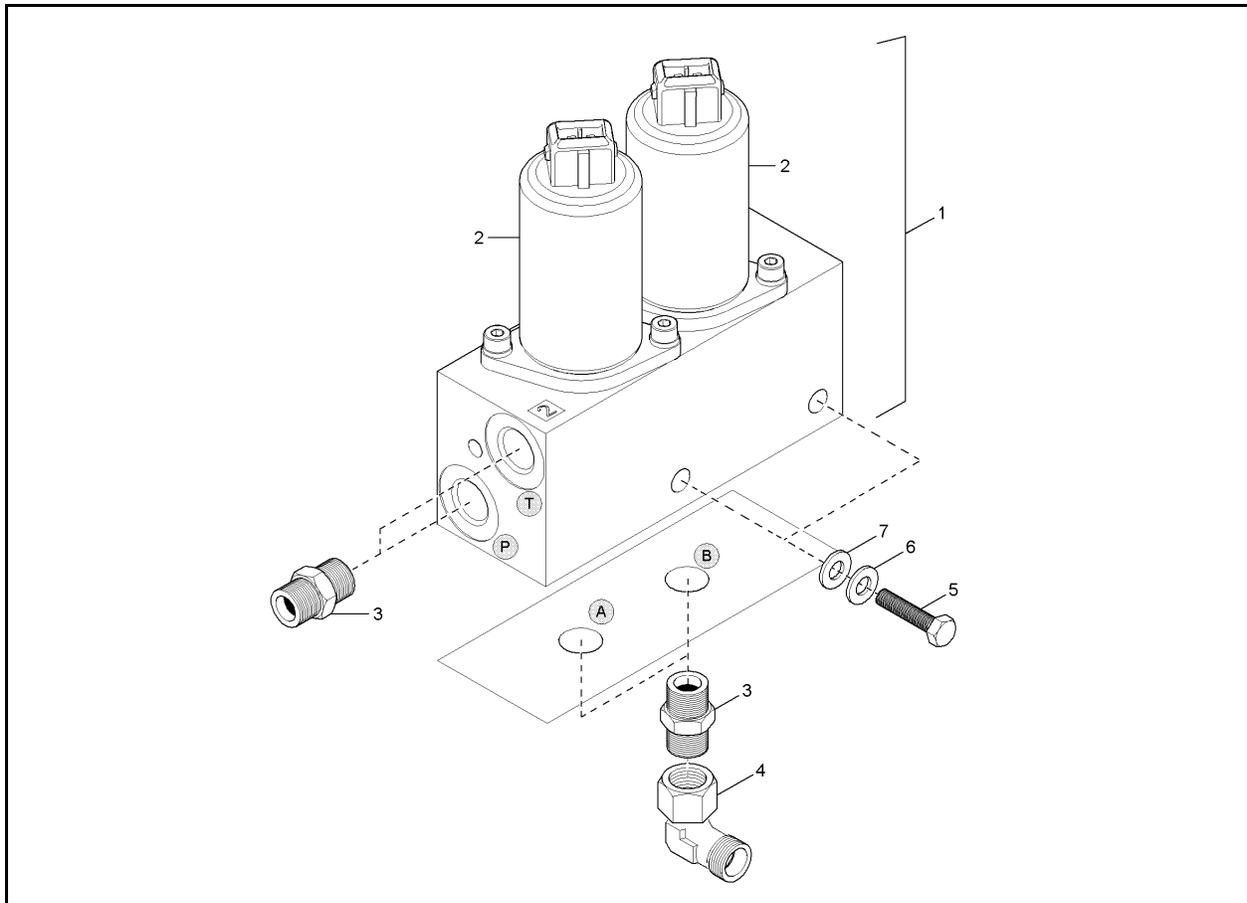
503Z - SELECTION VALVE

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 M6-1.00X50 C8.8 ZO	2	10	162243	SOLENOID ASSY	1

503Z - PROPORTIONAL VALVE (OPTION)
1000158439 - (SN AD04690 AND UP)

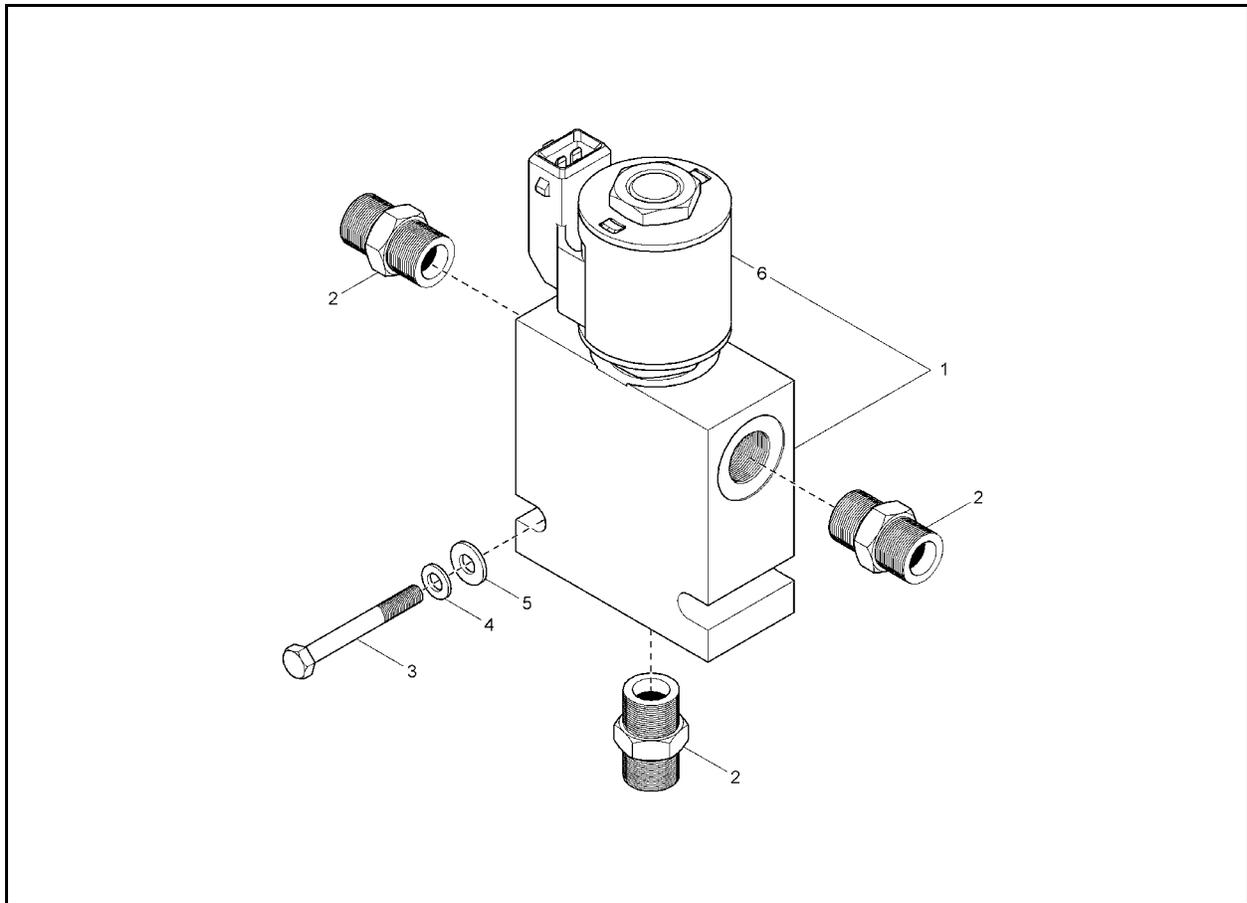


Ref. No.	Part No.	Description	Qty.
1	205930	PROPORTIONAL VALVE	1
2	205724	SOLENOID	2
3	161426	SCREW JOINT	4
4	161443	90° FITTING	2

Ref. No.	Part No.	Description	Qty.
5	656172	CS M6-1X45 C8.8 ZY DIN931	2
6	161675	LOCKWASHER S6	2
7	161660	WASHER GR A6.4 ZO DIN 125	2

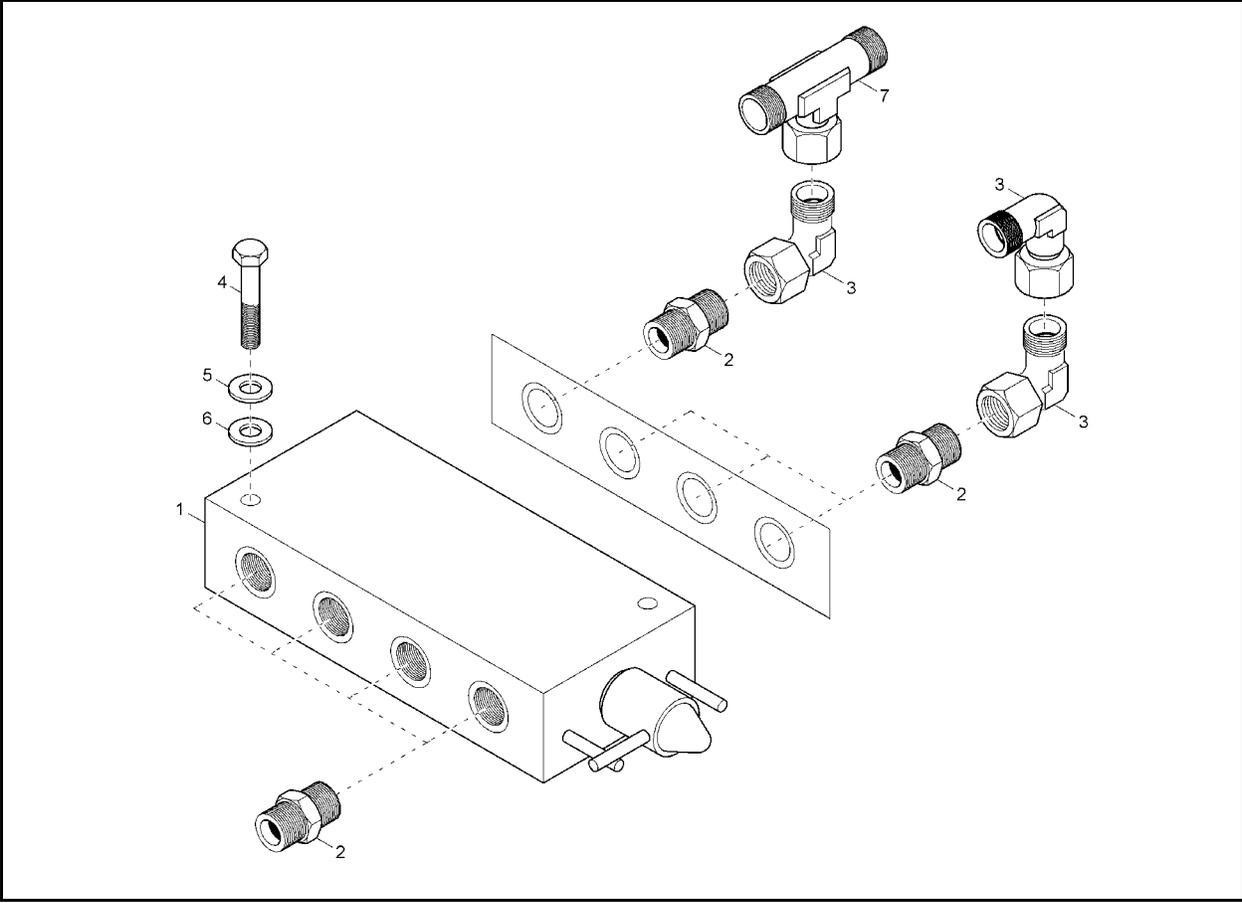
503Z - 3/2 VALVE (OPTION)

1000179622



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202513	SOLENOID VALVE (Includes Ref. No. 6)	1	4	161675	LOCKWASHER S6	2
2	161426	SCREW JOINT	3	5	7462680008	WASHER	2
3	179761	SCREW	2	6	202514	SOLENOID	1

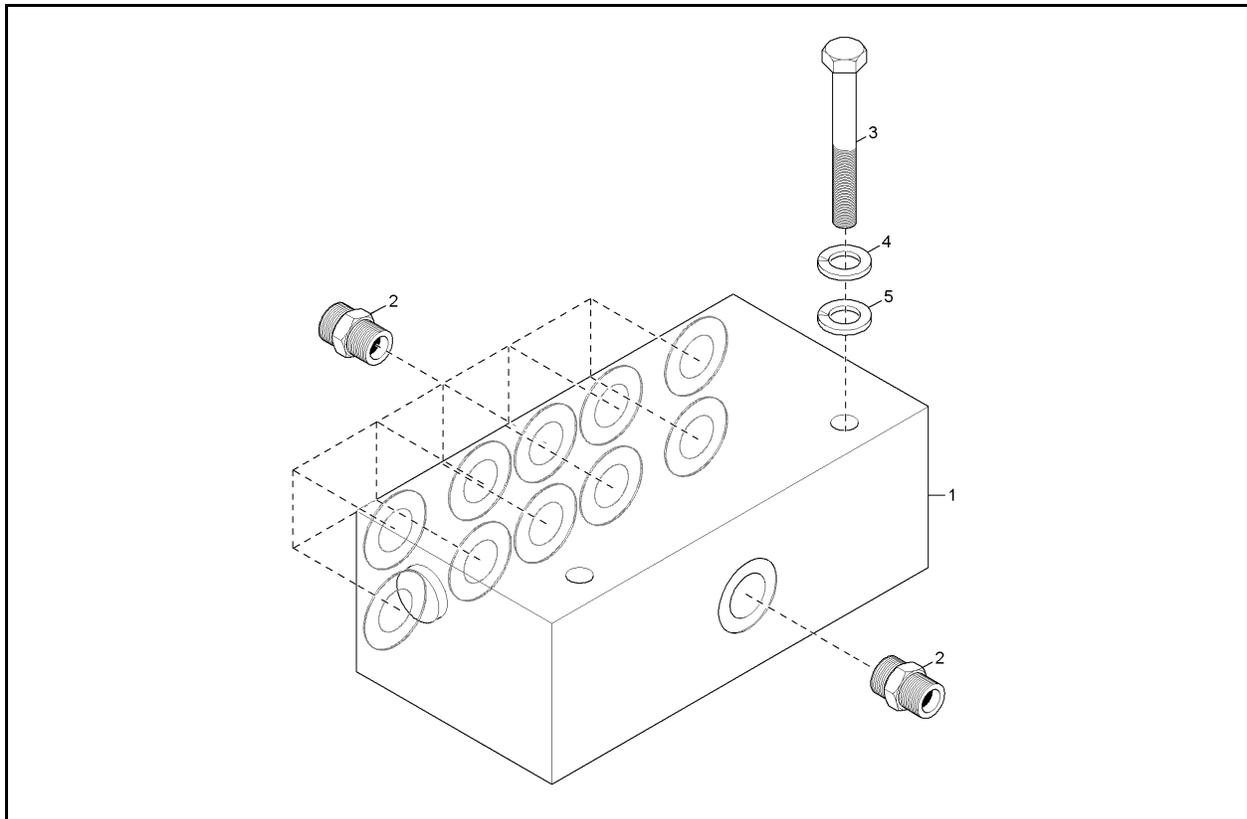
503Z - ISO/SAE VALVE
1000124595



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1408450G	ISO/SAE VALVE	1	5	161674	LOCKWASHER S16	2
2	161426	SCREW JOINT	8	6	161659	WASHER/GR A 5.3 ZO DIN125	2
3	161443	90° FITTING	7	7	161450	TEE	1
4	177686	HEX SCREW	2				

503Z - VALVE BLOCK

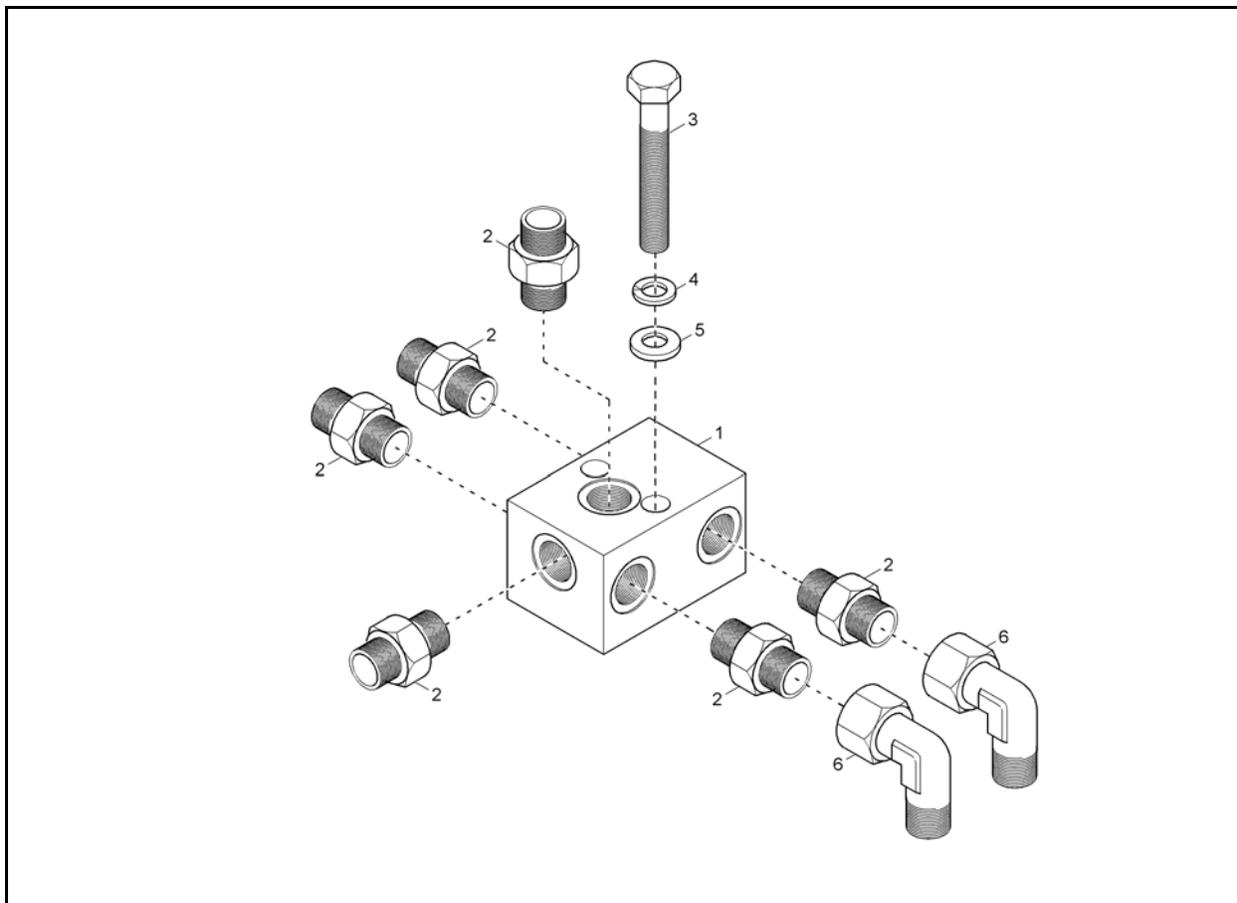
1000135357



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177863	VALVE BLOCK	1	4	161675	LOCKWASHER S6	2
2	161426	SCREW JOINT	11	5	161660	WASHER GR A6.4 ZO DIN 125	2
3	164913	SCREW	2				

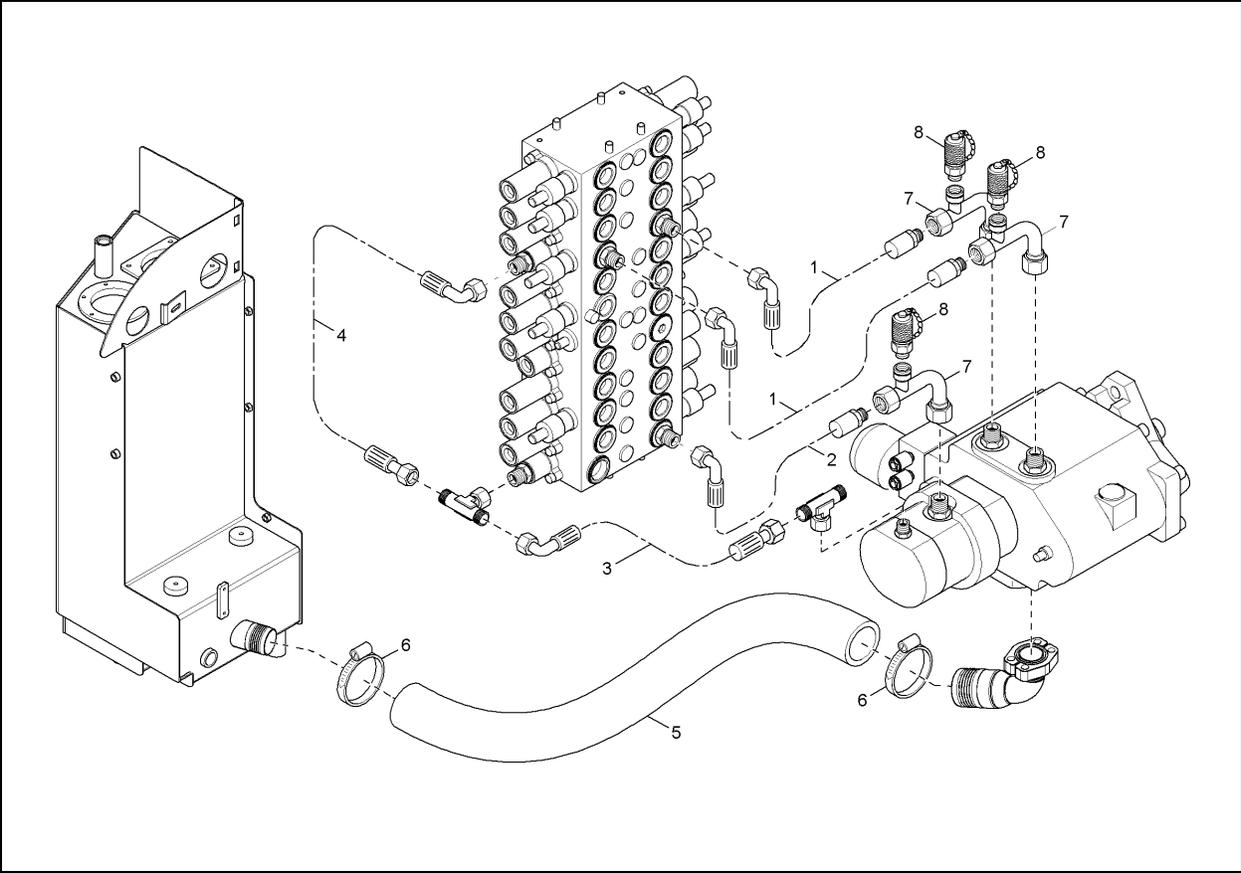
503Z - DISTRIBUTION BLOCK

1000117869



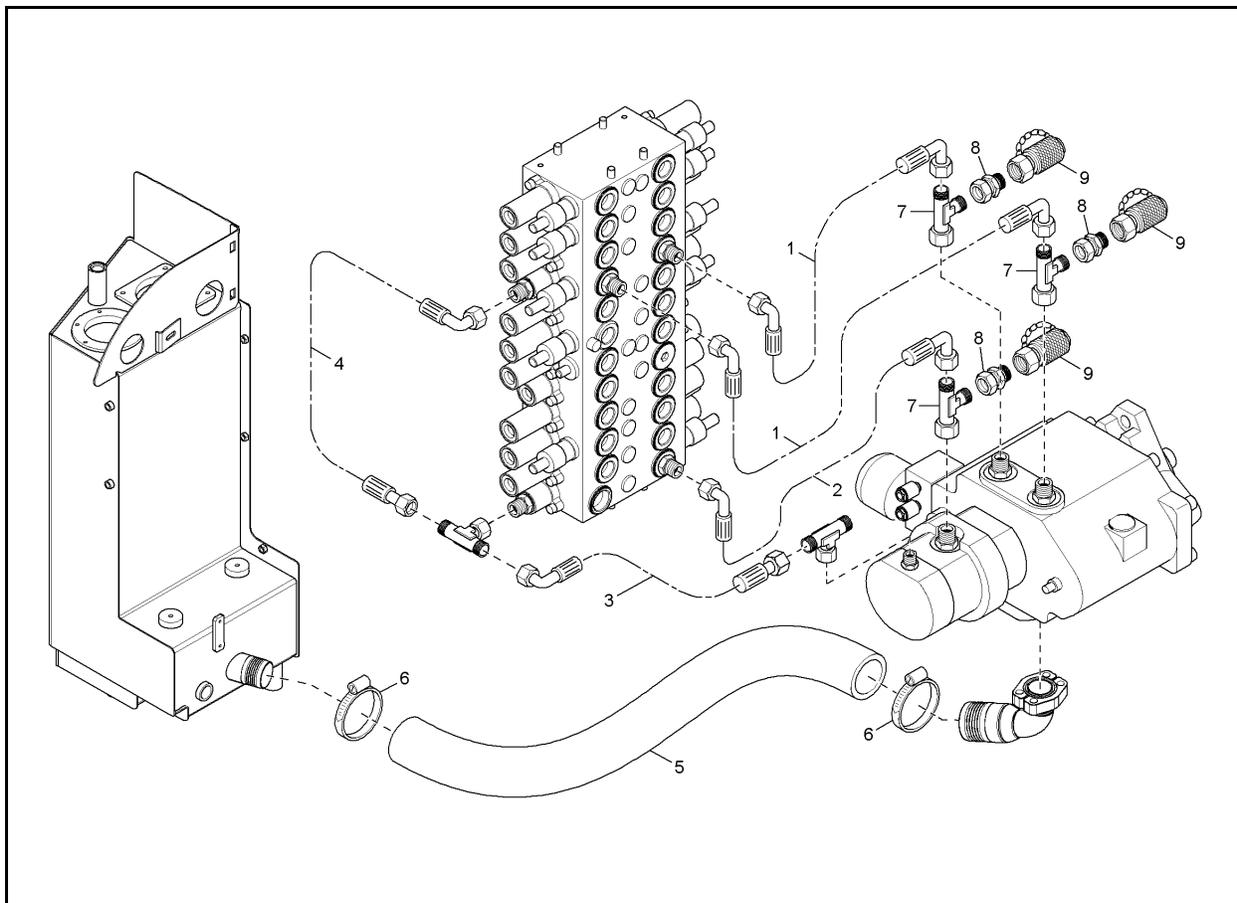
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	165089	DISTRIBUTION BLOCK	1	4	161675	LOCKWASHER S6	2
2	161426	SCREW JOINT	6	5	161660	WASHER GR A6.4 ZO DIN 125	2
3	165946	SCREW	2	6	161443	90° FITTING	2

503Z - HYDRAULIC PUMP INSTALLATION
1000124857 - (SN AC03368 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207351	HP HOSE	2	5	177130	SUCTION HOSE	1
2	207358	HP HOSE	1	6	162610	HOSE CLAMP	2
3	177672	HP HOSE	1	7	207405	ELBOW	3
4	177950	HP HOSE	1	8	204847	TEST PORT	3

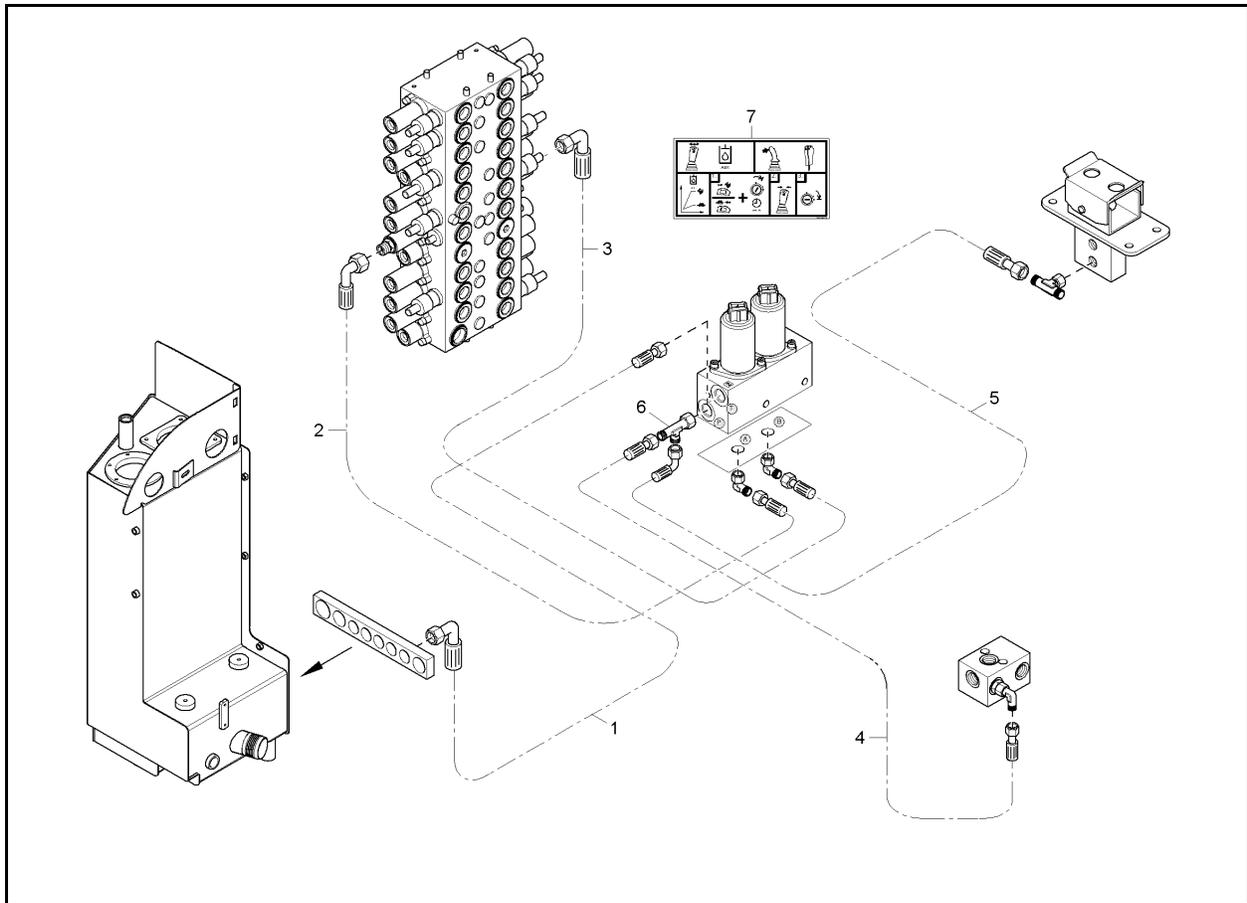
503Z - HYDRAULIC PUMP INSTALLATION 1000150942 - (SN AC03367 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207028	HP HOSE	2	6	162610	HOSE CLAMP	2
2	202515	HP HOSE	1	7	161449	ELBOW	3
3	177672	HP HOSE	1	8	161460	REDUCTION JOINT	3
4	177950	HP HOSE	1	9	0003638466	TEST CONNECTION 8 L A3C	3
5	177130	SUCTION HOSE	1				

503Z - PROPORTIONAL CONTROL (OPTION)

1000166078

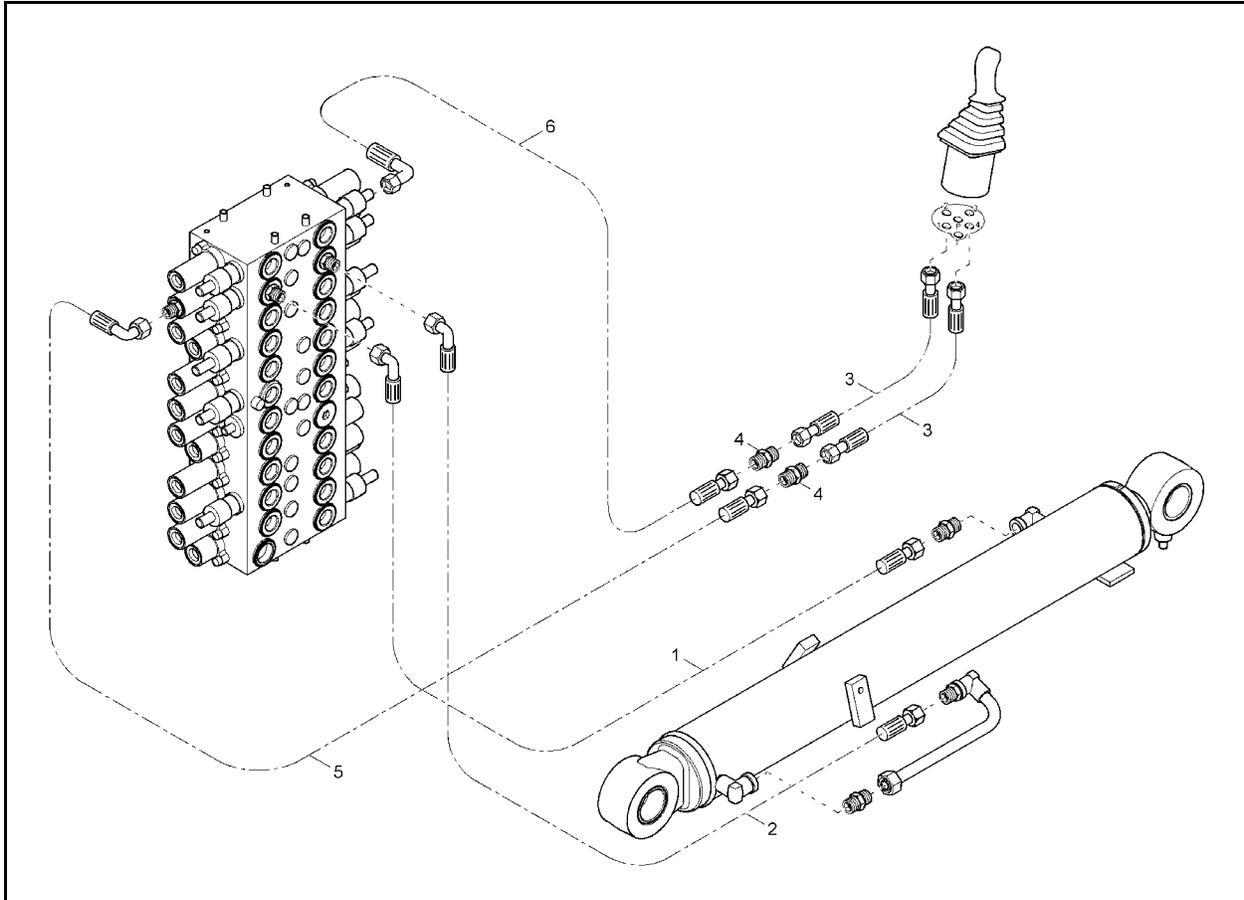


Ref. No.	Part No.	Description	Qty.
1	177730	HP HOSE	1
2	161276	HP HOSE	1
3	160647	HP HOSE	1
4	162959	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
5	177672	HP HOSE	1
6	161450	TEE	1
7	205172	PROPORTIONAL CONTROL DECAL	1

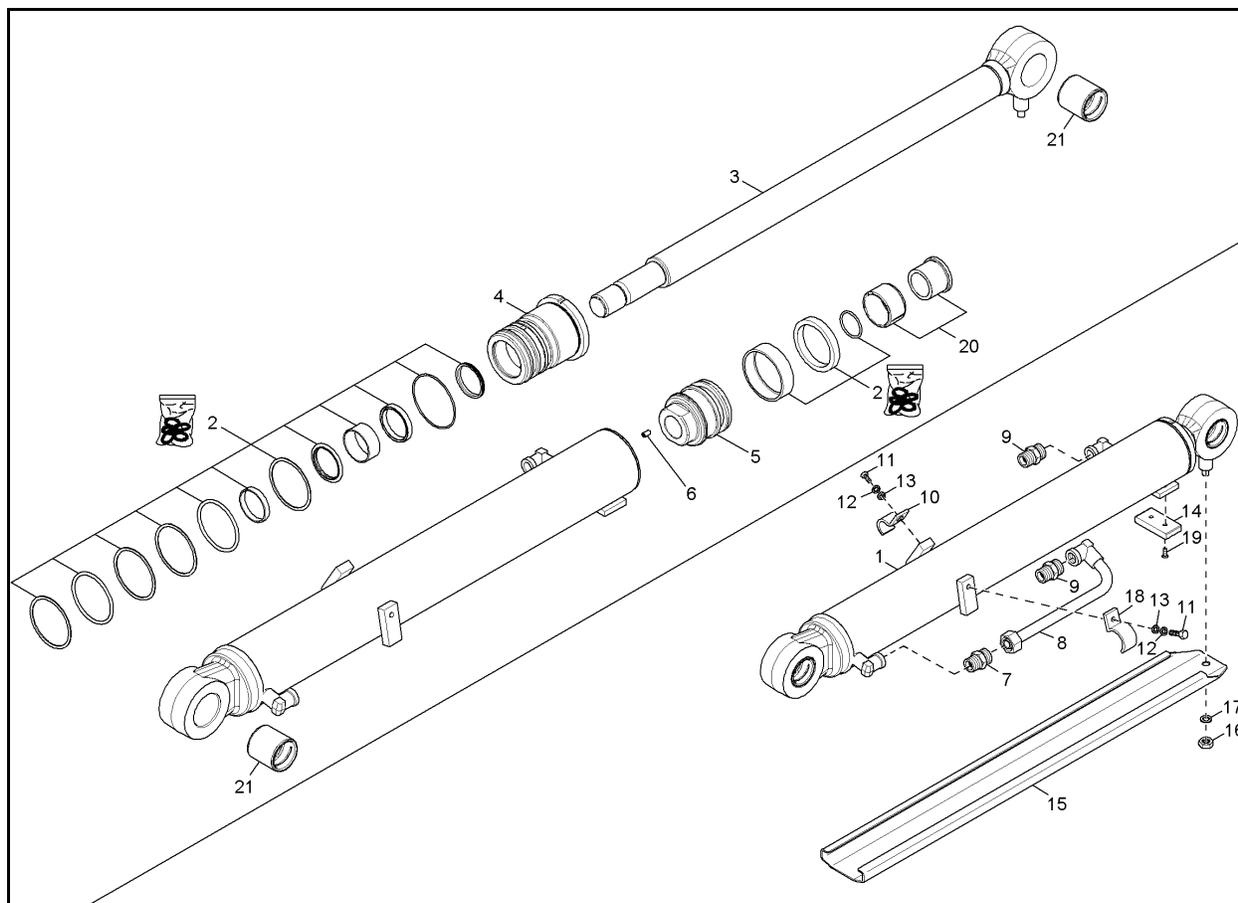
503Z - BOOM INSTALLATION

1000124606



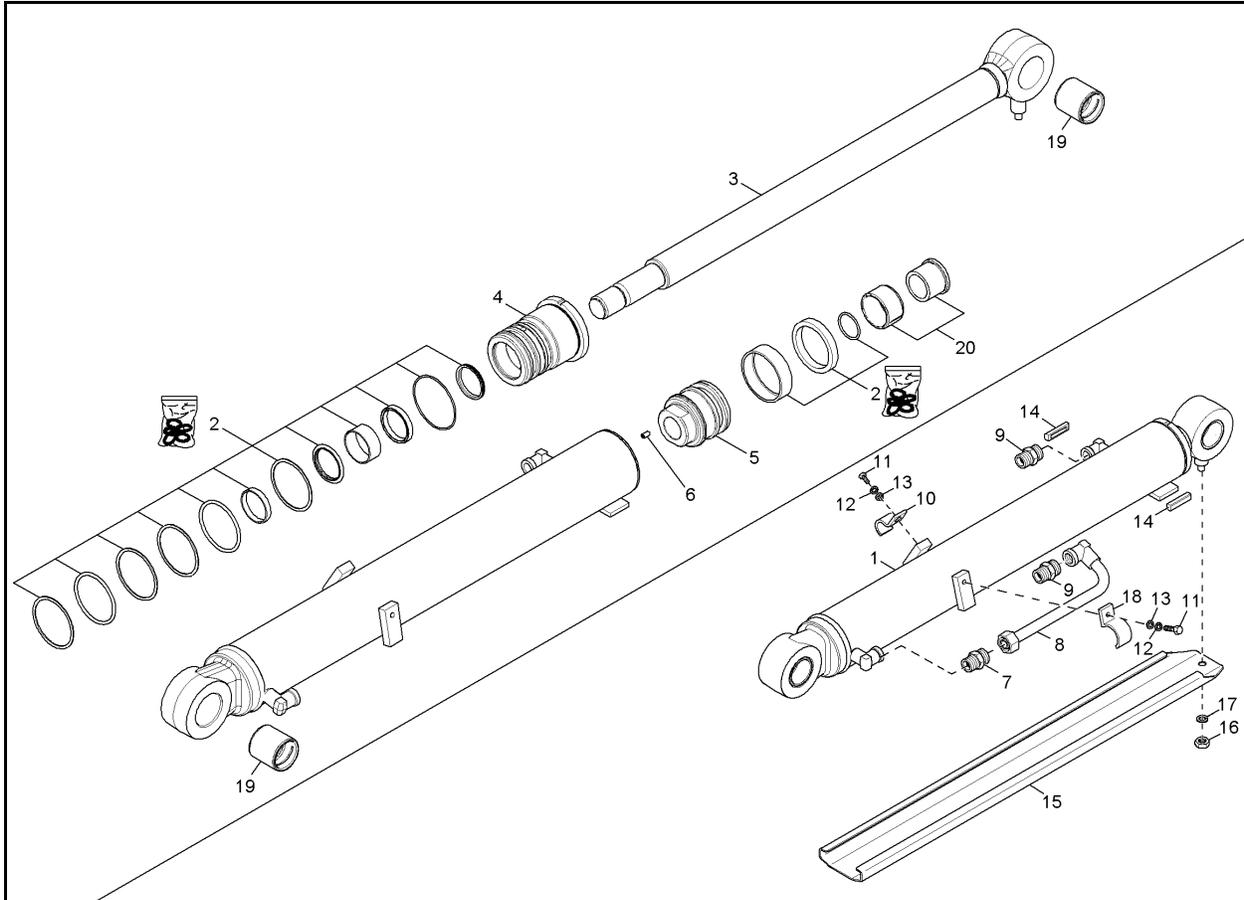
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202516	HP HOSE	1	4	161479	SCREW JOINT	2
2	202517	HP HOSE	1	5	161350	HP HOSE	1
3	177856	HP HOSE	2	6	161276	HP HOSE	1

503Z - BOOM CYLINDER 1000156131 - (SN AC04085 AND UP)



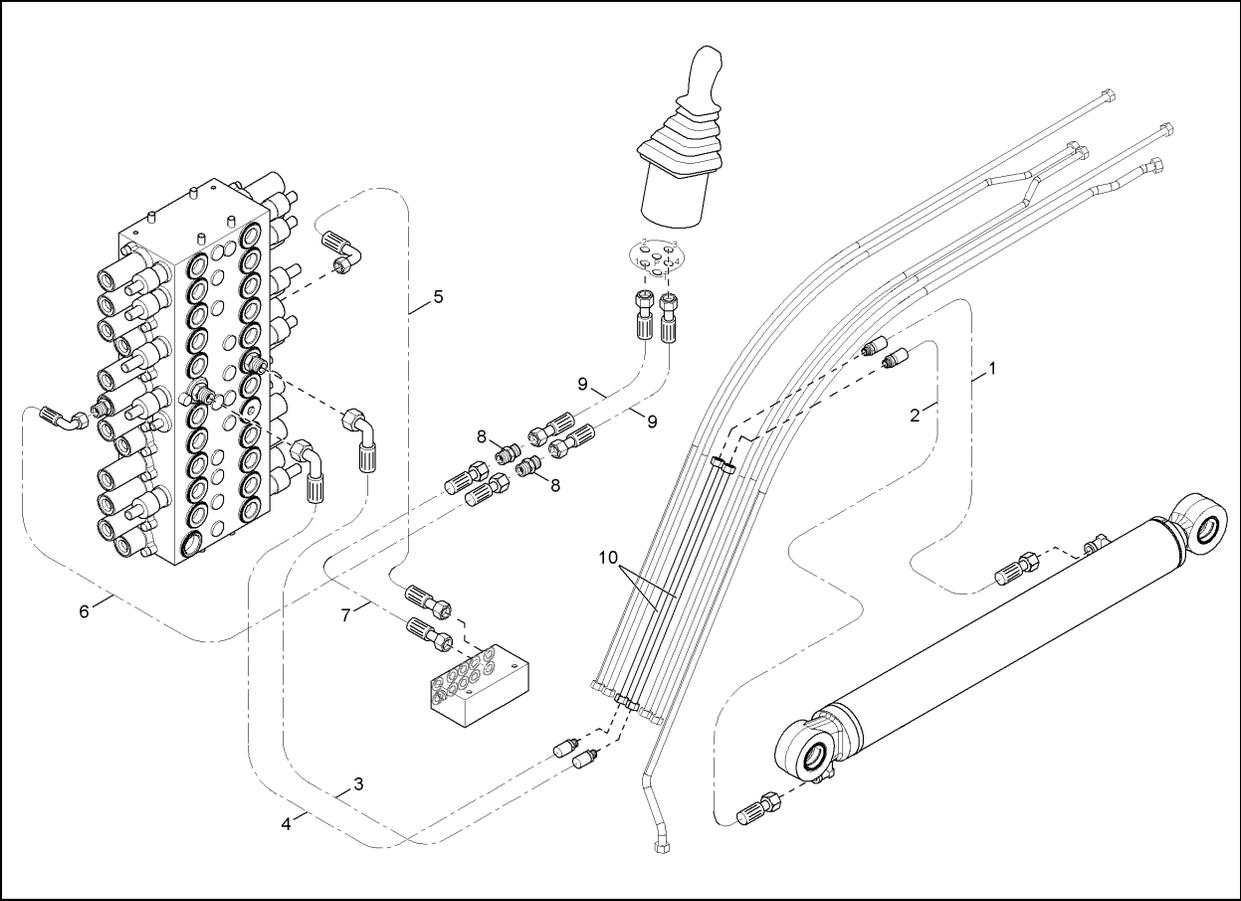
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204995	BOOM CYLINDER	1	12	161669	LOCKWASHER S10	2
2	177985	CYLINDER SEAL KIT	1	13	161640	WASHER/GR A 10.5	2
3	204955	PISTON ROD	1	14	205838	GUIDE	2
4	177987	GUIDE BUSHING	1	15	177753	PROTECTING RAIL	1
5	177988	PISTON	1	16	179793	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	FHSCS M8-1.25X20 C8.8 ZY DIN7991	2
9	161431	SCREW JOINT	2	20	204956	SHOCK ABSORBER	1
10	163376	CLAMP	1	21	177715	STEEL BUSHING	2
11	656006	CS M10-1.5X20 C8.8 ZY DIN931	2				

503Z - BOOM CYLINDER 1000124298 - (SN AC04084 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206015	REPAIR SET - BOOM CYLINDER	1	11	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
2	177985	CYLINDER SEAL KIT	1	12	161669	LOCKWASHER S10	2
3	177986	PISTON ROD	1	13	161640	WASHER/GR A 10.5	2
4	177987	GUIDE BUSHING	1	14	161205	GUIDE	2
5	177988	PISTON	1	15	177753	PROTECTING RAIL	1
6	162481	SET SCREW	1	16	179793	NUT	1
7	9910346G	SCREW JOINT	1	17	161642	WASHER/GR A 13	1
8	177932	HYDRAULIC PIPE	1	18	163377	COLLAR	1
9	161431	SCREW JOINT	2	19	177715	STEEL BUSHING	2
10	163376	CLAMP	1	20	204956	SHOCK ABSORBER	1

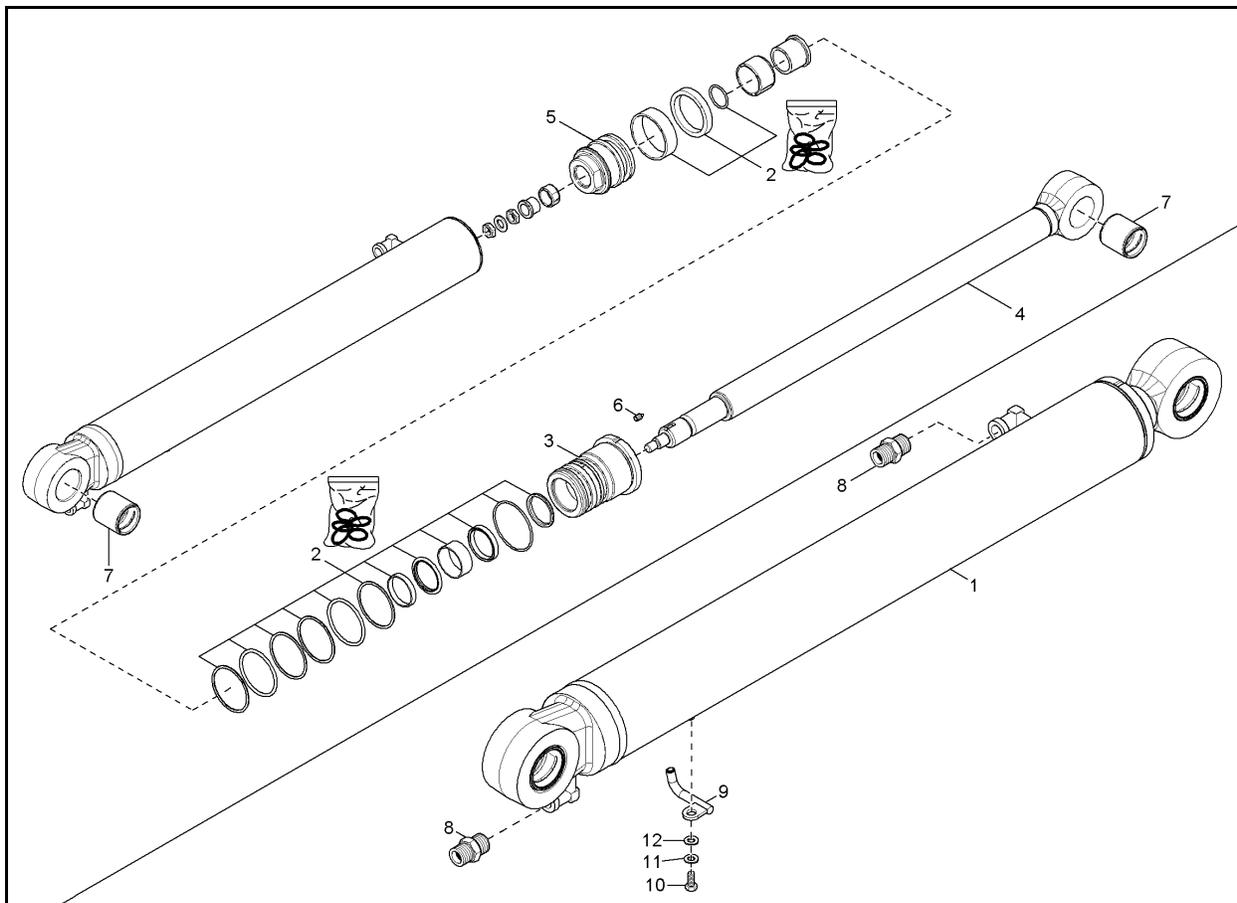
503Z - DIPPER ARM INSTALLATION
1000124559



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206416	HP HOSE	1	6	161350	HP HOSE	1
2	178068	HP HOSE	1	7	177672	HP HOSE	1
3	177838	HP HOSE	1	8	161479	SCREW JOINT	2
4	177839	HP HOSE	1	9	179544	HP HOSE	2
5	163335	HP HOSE	1	10	178071	PIPE LINE	2

503Z - DIPPER ARM CYLINDER

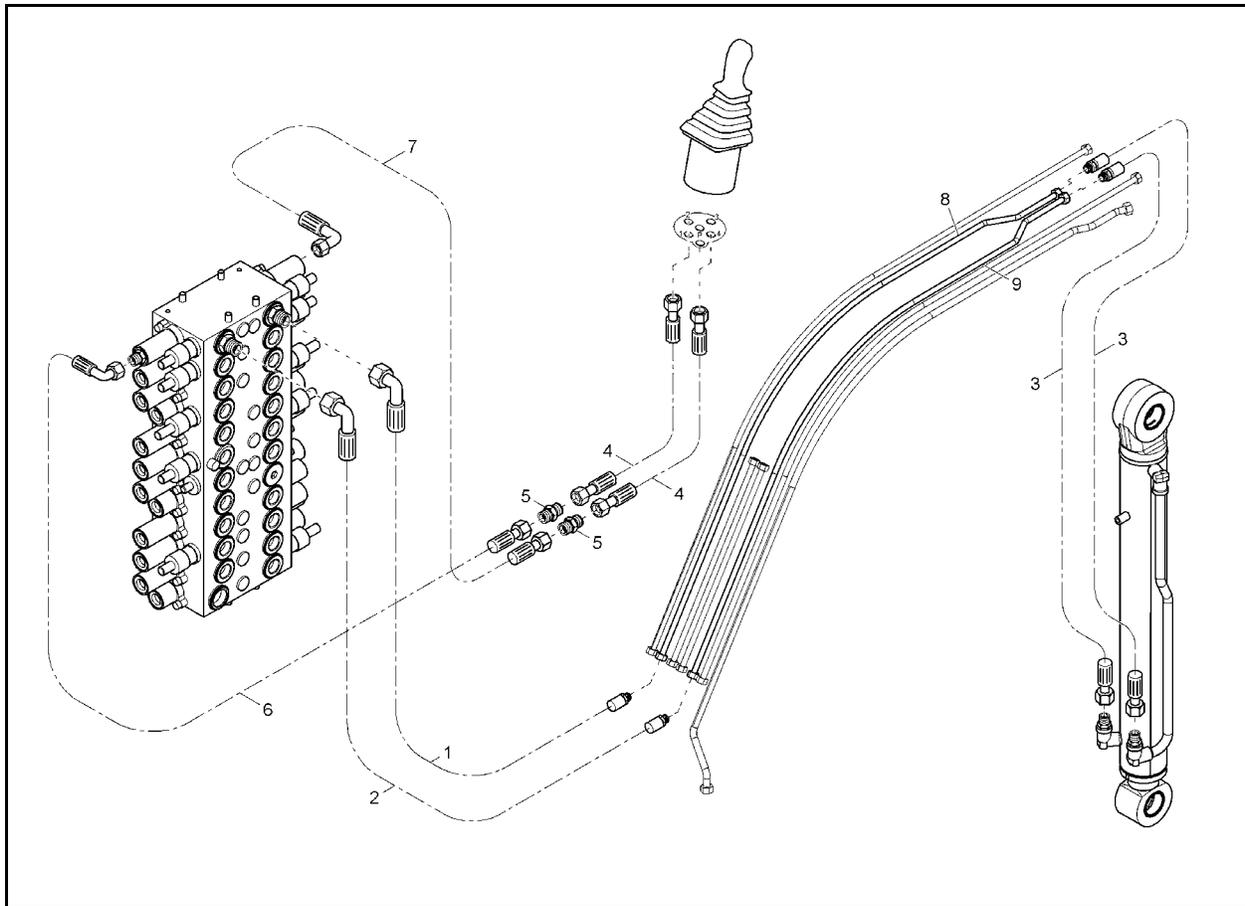
1000124560



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177886	DIPPER ARM CYLINDER	1	7	177715	STEEL BUSHING	2
2	177999	SEAL KIT	1	8	161431	SCREW JOINT	2
3	178000	CYLINDER HEAD GLAND	1	9	177900	BRACKET/HOSE	1
4	178002	PISTON ROD	1	10	656006	CS M10-1.5X20 C8.8 ZY DIN931	1
5	178003	PISTON	1	11	161669	LOCKWASHER S10	1
6	162481	SET SCREW	1	12	161640	WASHER/GR A 10.5	1

503Z - BUCKET INSTALLATION

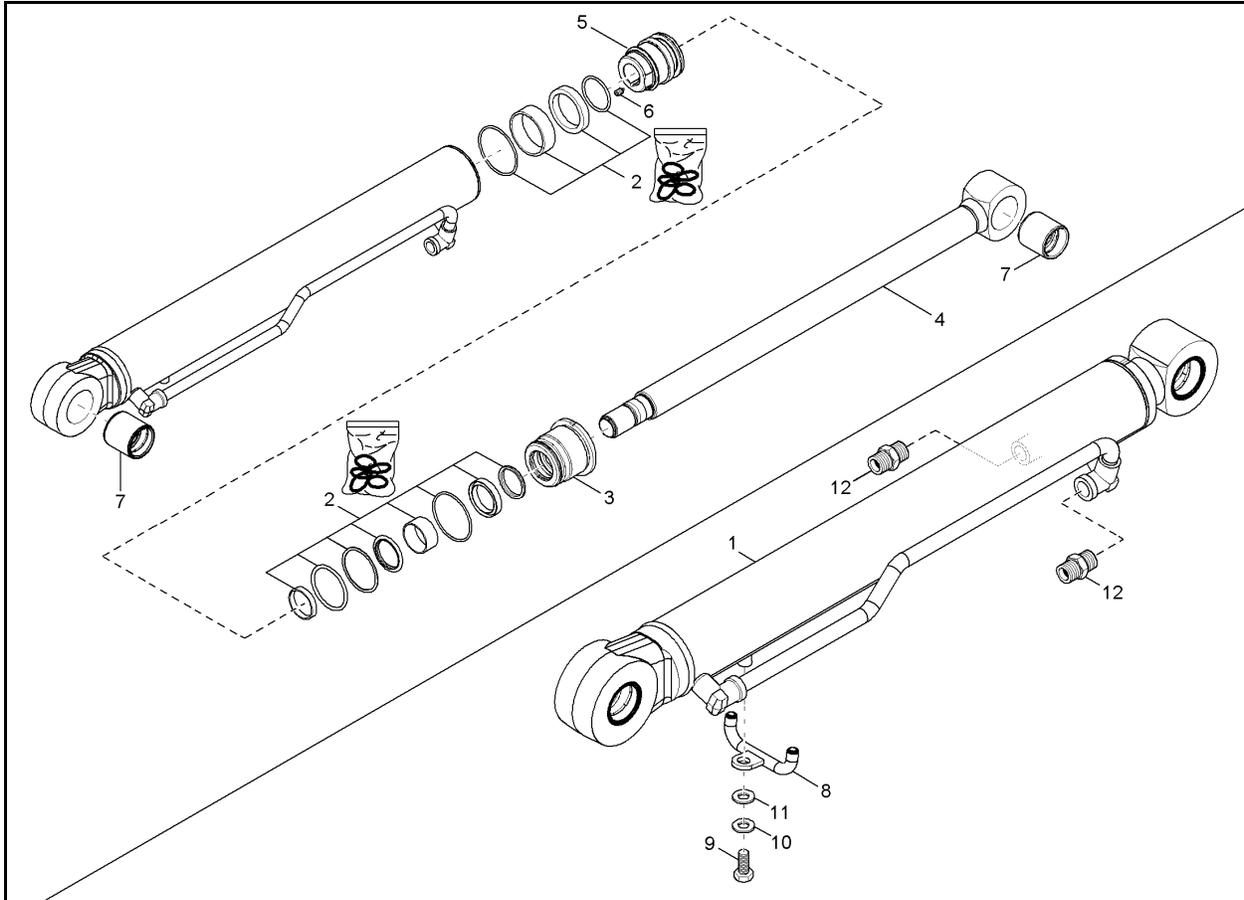
1000180799, 1000180800



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177838	HP HOSE	1	8	204957	PIPE LINE (SN AC04073 and up)	1
2	177839	HP HOSE	1		178004	PIPE LINE (SN AC04072 and before)	1
3	206418	HP HOSE (SHORT DIPPER ARM)	2	10	204958	PIPE LINE (SN AC04073 and up)	1
	206419	HP HOSE (LONG DIPPER ARM)	2		178005	PIPE LINE (SN AC04072 and before)	1
4	177856	HP HOSE	2				
5	161479	SCREW JOINT	2				
6	161350	HP HOSE	1				
7	161220	HP HOSE	1				

503Z - BUCKET CYLINDER

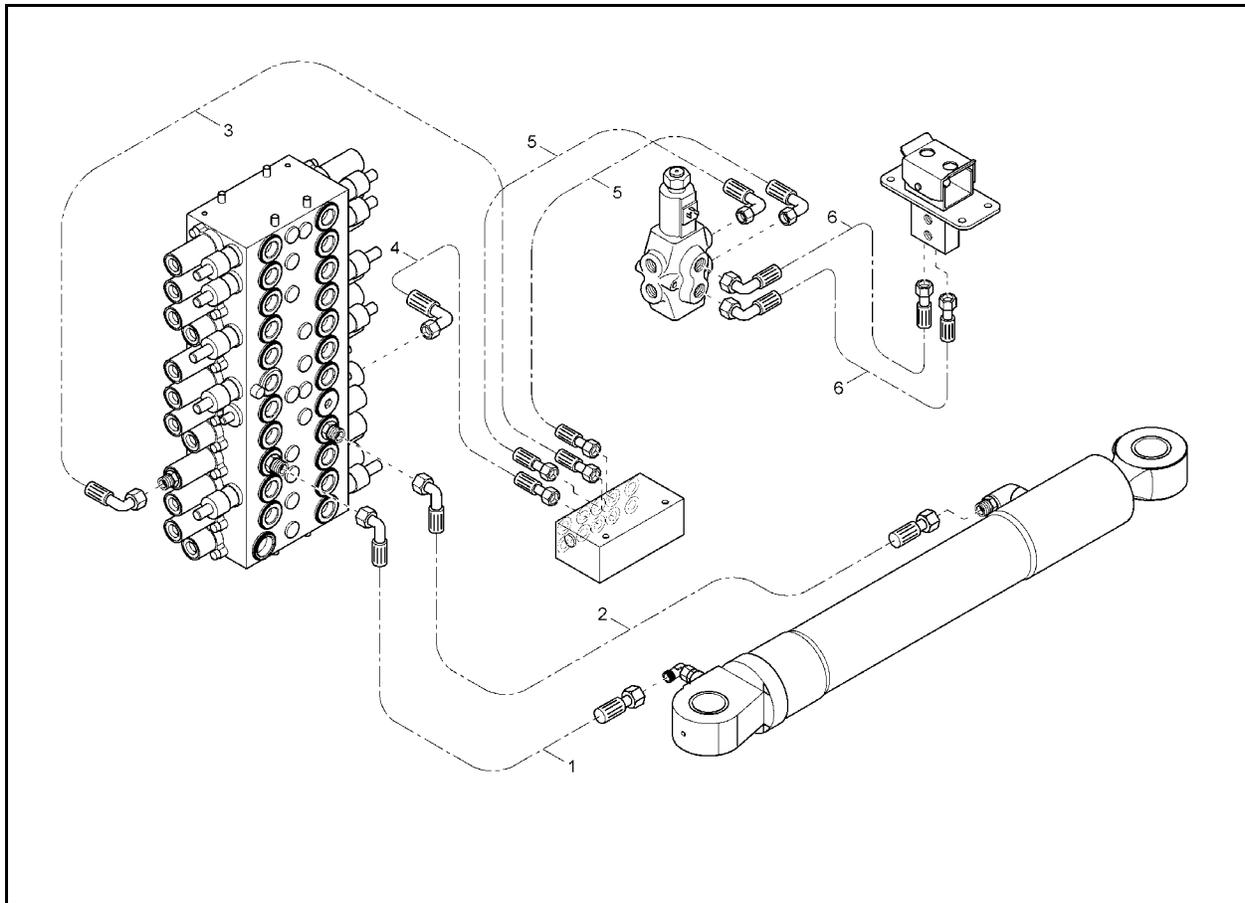
1000124132



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177750	BUCKET CYLINDER	1	7	177714	STEEL BUSHING	2
2	177978	CYLINDER SEAL KIT	1	8	177899	BRACKET/HOSE	1
3	177979	GUIDE BUSHING	1	9	656006	CS M10-1.5X20 C8.8 ZY DIN931	1
4	177980	PISTON ROD	1	10	161669	LOCKWASHER S10	1
5	177981	PISTON	1	11	161640	WASHER/GR A 10.5	1
6	162481	SET SCREW	1	12	161431	SCREW JOINT	2

503Z - BOOM OFFSET CYLINDER INSTALLATION

1000180801

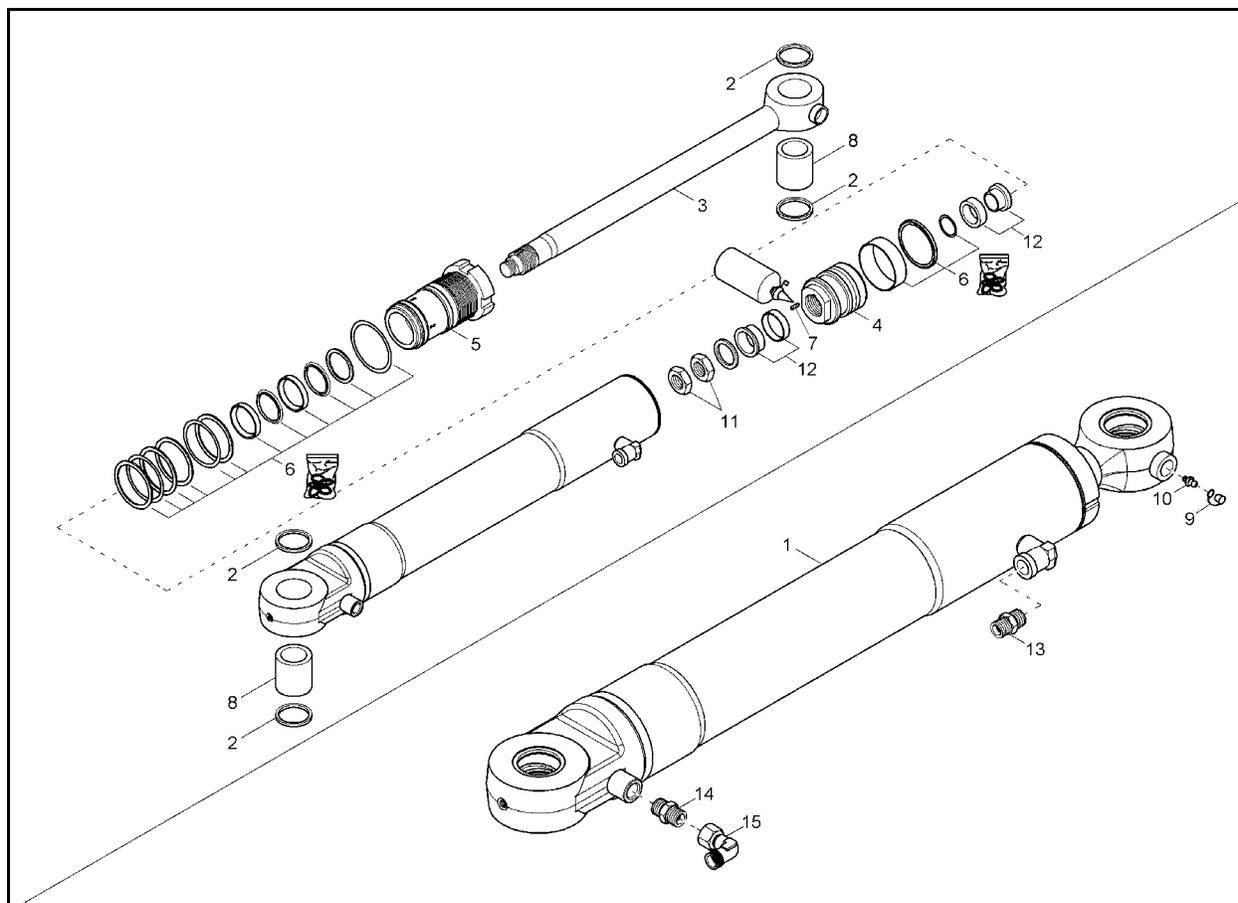


Ref. No.	Part No.	Description	Qty.
1	206420	HP HOSE (SN AC03331 and up)	1
	177841	HP HOSE (SN AC03330 and before)	1
2	206421	HP HOSE (SN AC03331 and up)	1
	177842	HP HOSE (SN AC03330 and before)	1

Ref. No.	Part No.	Description	Qty.
3	161350	HP HOSE	1
4	164795	HP HOSE	1
5	177944	HP HOSE	2
6	177671	HP HOSE	2

503Z - BOOM OFFSET CYLINDER

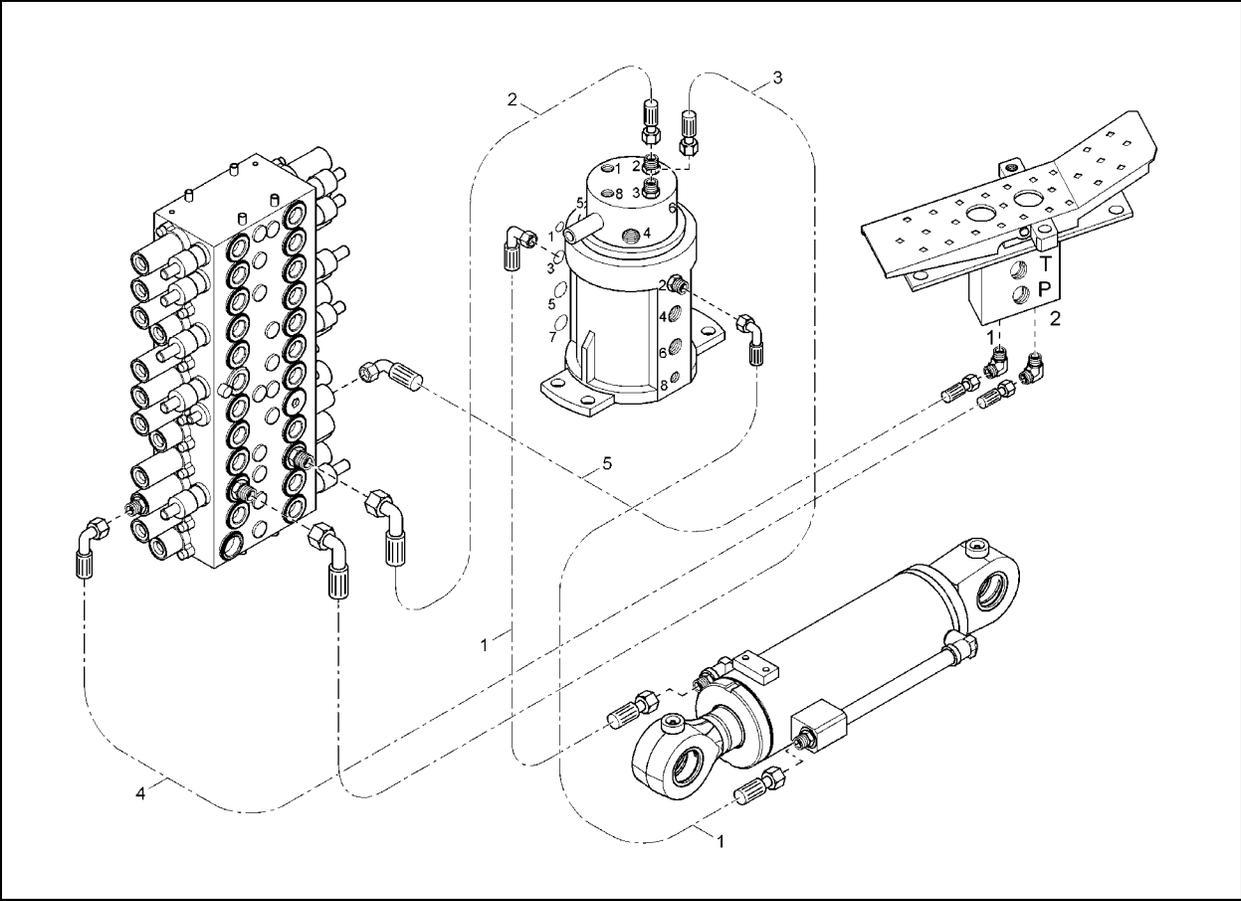
1000180802



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161003	BOOM OFFSET CYLINDER	1	13	177456	SCREW JOINT (SN AC03331 and up)	1
2	161588	PIN SEAL	4		161430	SCREW JOINT (SN AC03330 and before)	1
3	161018	PISTON ROD	1	14	165961	SCREW JOINT (SN AC03331 and up)	1
4	161022	PISTON	1		161430	SCREW JOINT (SN AC03330 and before)	1
5	161027	DRIVE MOTOR COMPLETE	1	15	161444	90° FITTING (SN AC03331 and up)	1
6	162895	SEAL KIT	1		161445	90° FITTING (SN AC03330 and before)	1
7	162481	SET SCREW	1				
8	161550	BUSHING	2				
9	161422	CAP	1				
10	161412	GREASE ZERK-9MM HEX HEAD	1				
11	177688	HEXAGON NUT	2				
12	178111	DAMPING	1				

503Z - DOZER BLADE INSTALLATION

1000124565

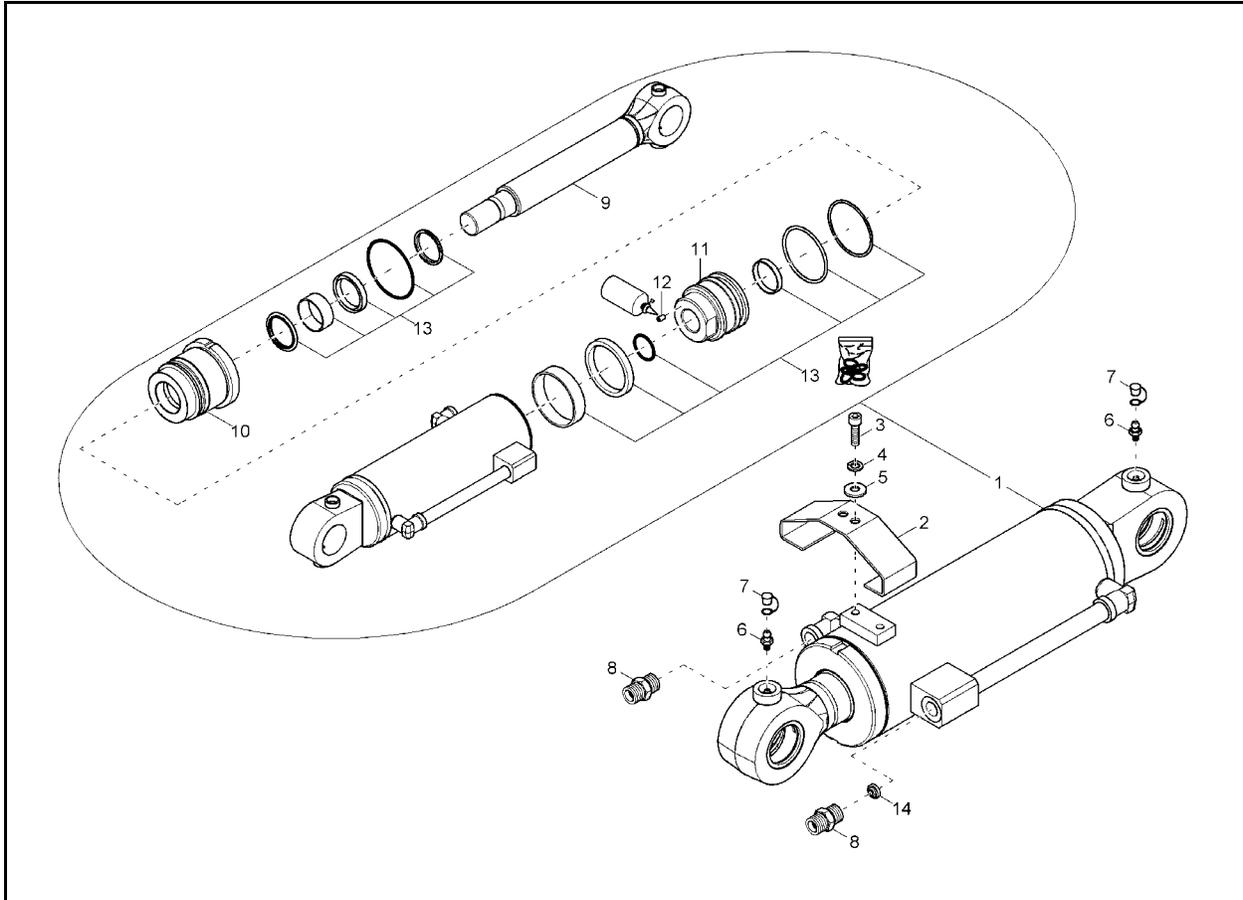


Ref. No.	Part No.	Description	Qty.
1	177854	HP HOSE	2
2	177843	HP HOSE	1
3	177844	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
4	177954	HP HOSE	1
5	177953	HP HOSE	1

503Z - DOZER BLADE CYLINDER

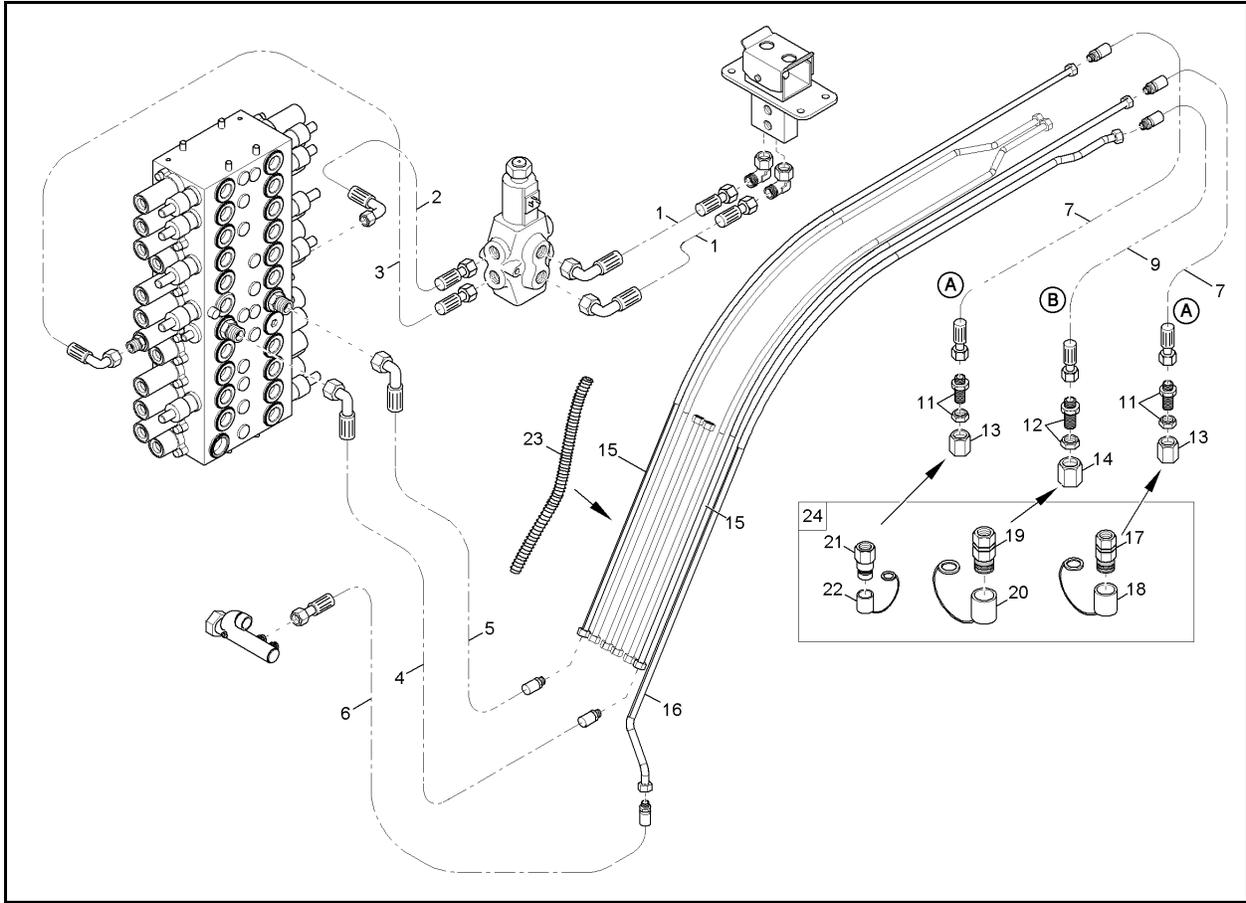
1000124243



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160911	DOZER BLADE CYLINDER COMPLETE	1	8	161430	SCREW JOINT	2
2	162704	SHIELD	1	9	160922	PISTON ROD	1
3	651472	SHCS M10-1.2 X 20 8.8 ZO	2	10	160921	PISTON	1
4	161669	LOCKWASHER S10	2	11	160946	GLAND	1
5	161640	WASHER/GR A 10.5	2	12	162481	SET SCREW	1
6	161412	GREASE ZERK-9MM HEX HEAD	2	13	160423	SEAL KIT	1
7	161422	CAP	2	14	162732	RESTRICTOR	1

503Z - AUXILIARY HYDRAULICS INSTALLATION

1000173094



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177671	HP HOSE	2	16	204954	HYDRAULIC PIPE (SN AC04073 and up)	1
2	160647	HP HOSE	1		177931	HYDRAULIC PIPE (SN AC04072 and before)	1
3	161276	HP HOSE	1	17	177798	COUPLING/FEMALE A13 BG3	1
4	177850	HP HOSE	1	18	177804	CAP	1
5	177850	HP HOSE	1	19	177796	COUPLING/FEMALE A17 3/4	1
6	202518	HP HOSE	1	20	177805	CAP	1
7	*	HP HOSE	2	21	177797	COUPLING/MALE A13 BG3	1
9	*	HP HOSE	1	22	177803	CAP	1
11	177911	LOCK SCREW CONNECTION	2	23	205494	CABLE HOSE (SN AC02780 and up)	1
12	177910	LOCK SCREW CONNECTION	1	24	202519	COUPLING KIT	1
13	177691	LOCKING CAP	2				
14	164944	PLUG	1				
15	204953	HYDRAULIC PIPE (SN AC04073 and up)	2				
	178062	HYDRAULIC PIPE (SN AC04072 and before)	2				

***See the following page for proper hose identification.**

503Z - AUXILIARY HYDRAULICS INSTALLATION

1000173094

Use the following tables to determine proper hose identification.

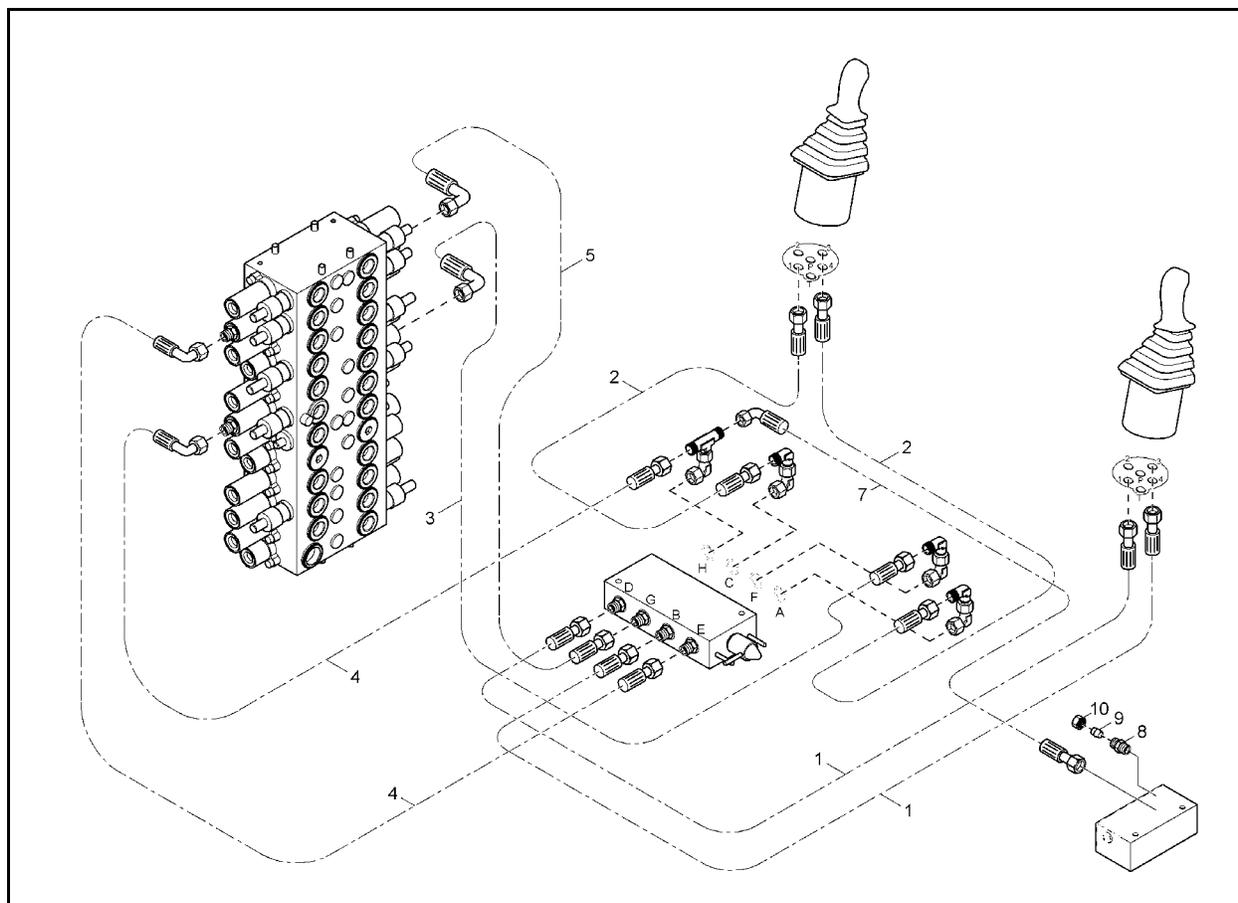
LONG DIPPER ARM			
Position	Hose Length	Part No.	Description
A	33"	204669	HP HOSE
A	43"	204678	HP HOSE
B	37"	204668	HP HOSE
B	43"	204679	HP HOSE

SHORT DIPPER ARM			
Position	Hose Length	Part No.	Description
A	33"	204669	HP HOSE
B	37"	204668	HP HOSE
B	34"	204677	HP HOSE

A - Pressure Hose B - Return Hose

503Z - ISO/SAE VALVE INSTALLATION

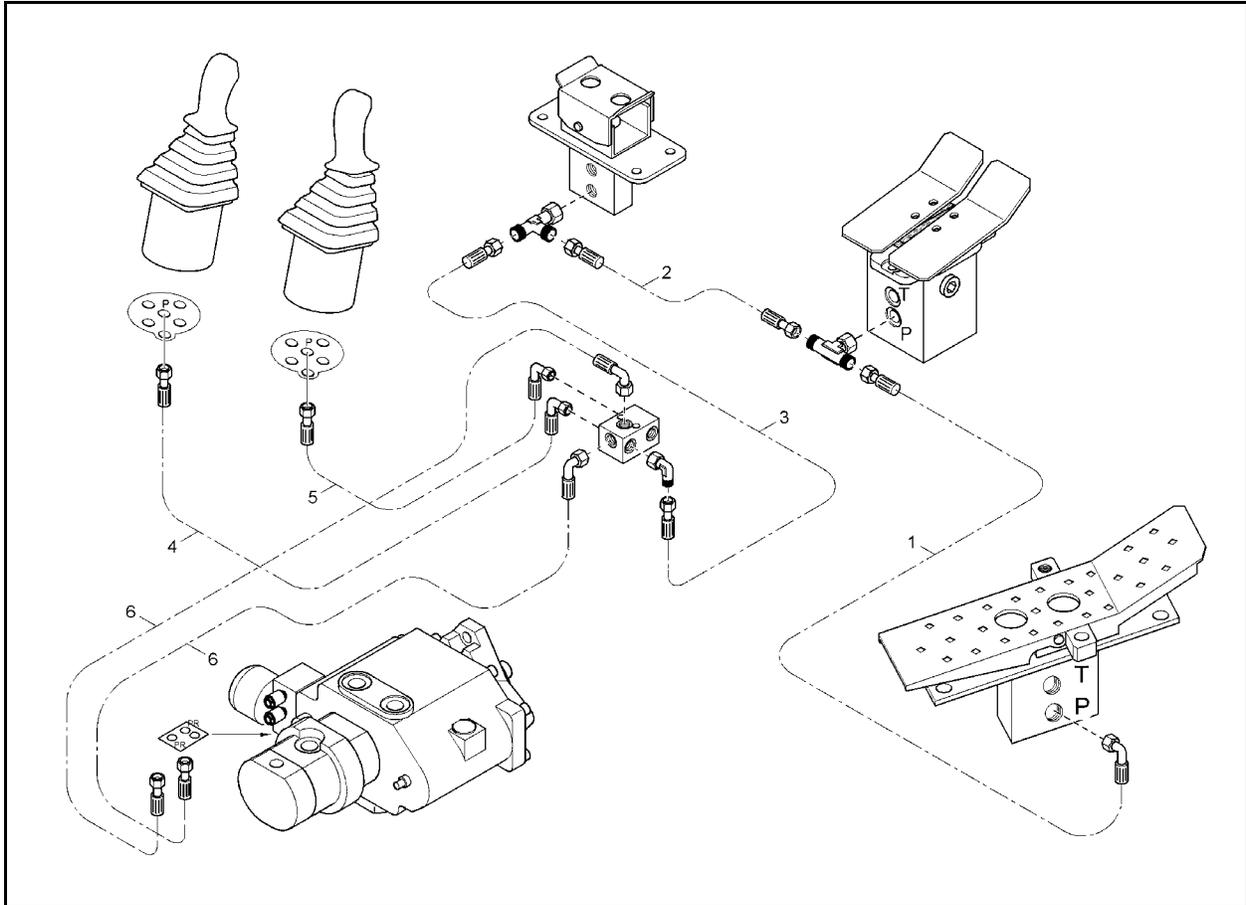
1000124605



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177856	HP HOSE	2	7	177672	HP HOSE	1
2	179544	HP HOSE	2	8	161426	SCREW JOINT	1
3	163335	HP HOSE	1	9	164927	PLUG	1
4	161350	HP HOSE	2	10	164929	NUT	1
5	161276	HP HOSE	1				

503Z - PILOT PRESSURE HOSES

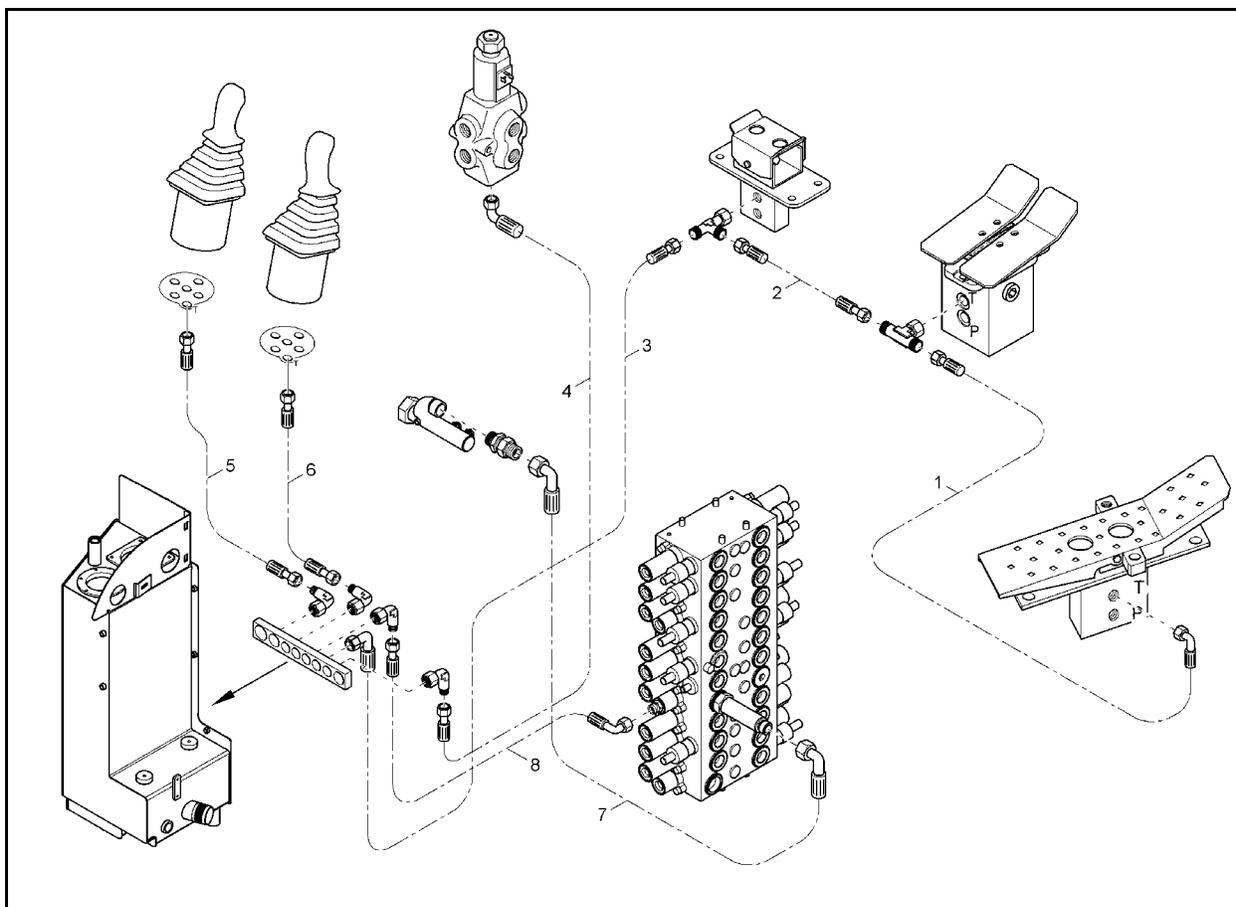
1000125090



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	162959	HP HOSE	1	6	161350	HP HOSE	2

503Z - HYDRAULIC TANK HOSES

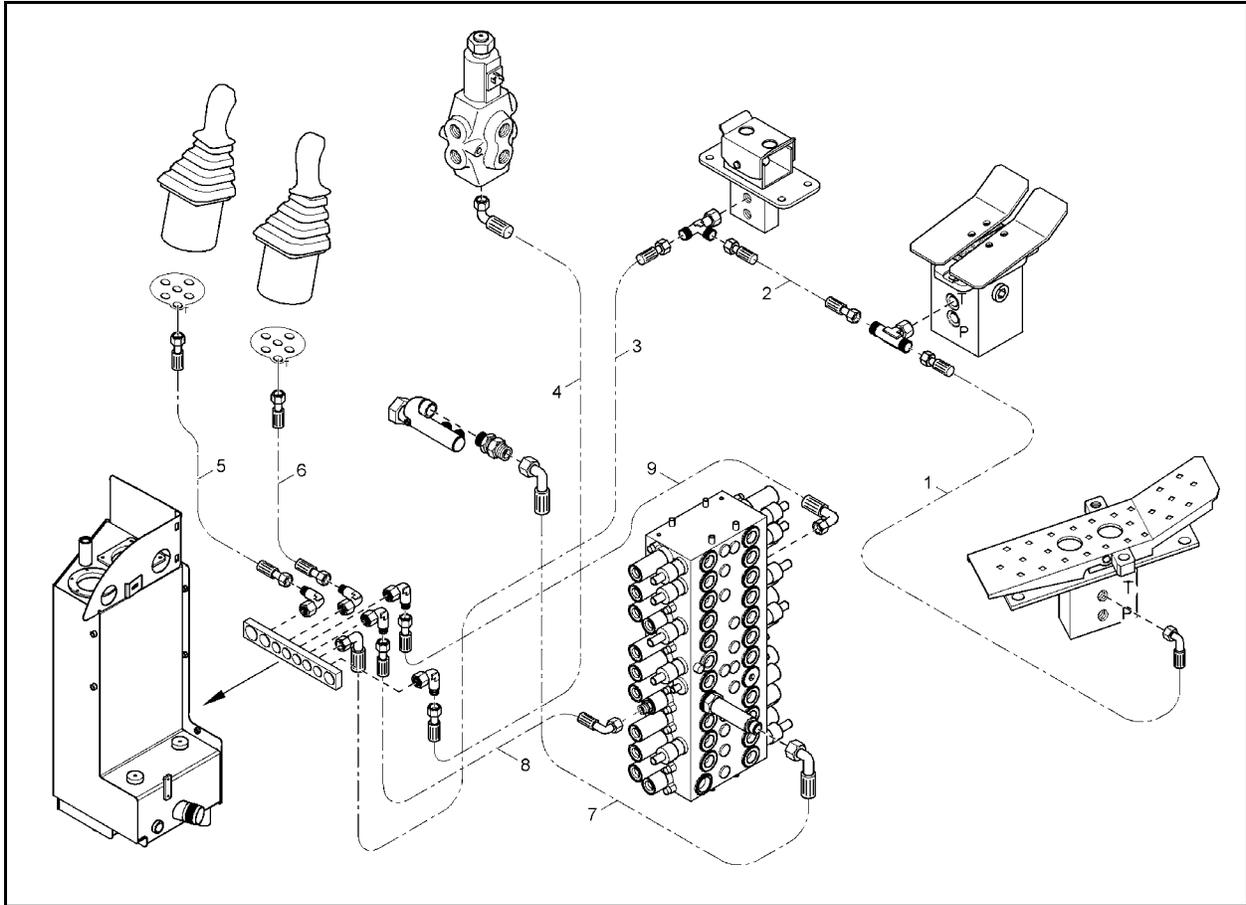
1000180050 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177951	HP HOSE	1	5	177856	HP HOSE	1
2	177952	HP HOSE	1	6	178512	HP HOSE	1
3	162445	HP HOSE	1	7	177957	HP HOSE	1
4	177730	HP HOSE	1	8	161350	HP HOSE	1

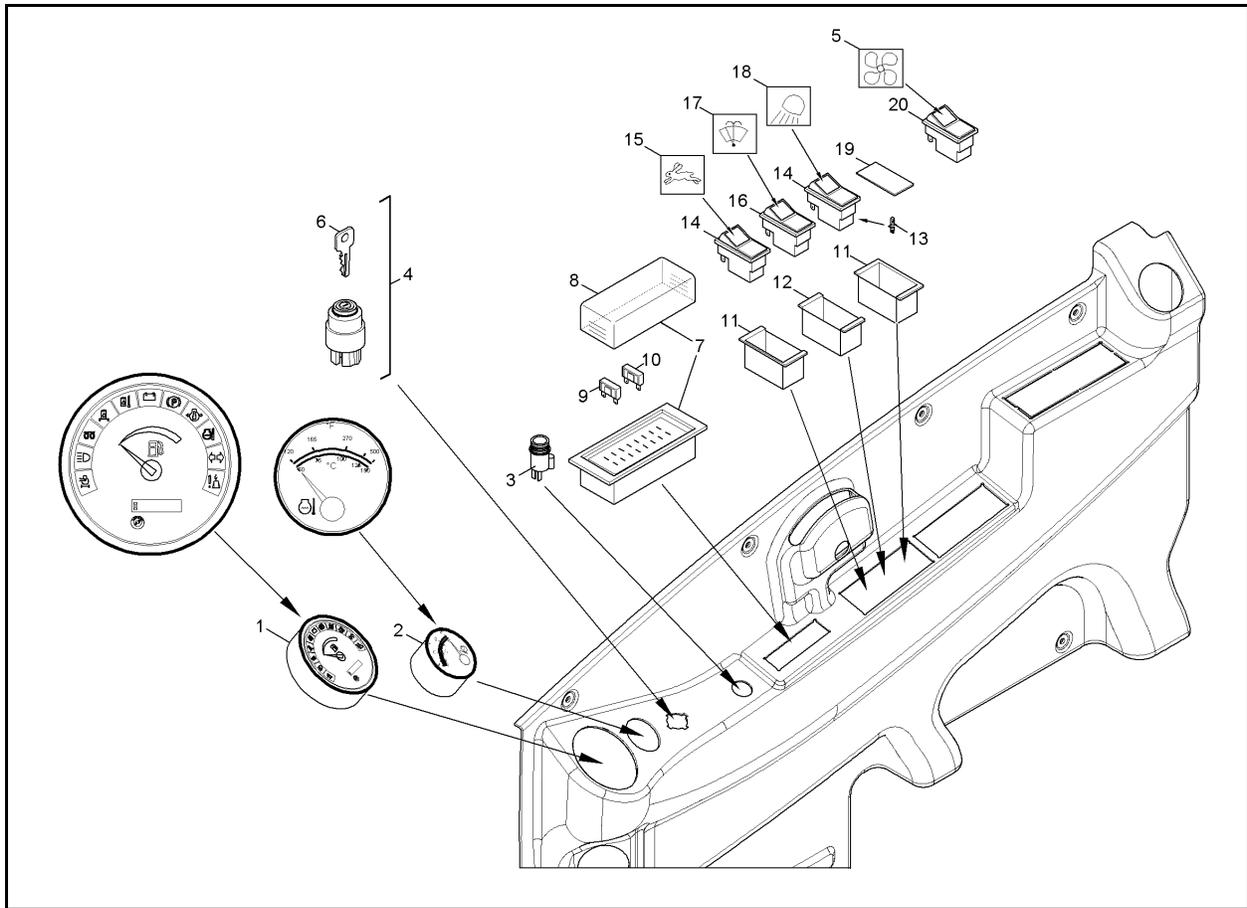
503Z - HYDRAULIC TANK HOSES

1000125001 - (SN AC02471 - AD07125)



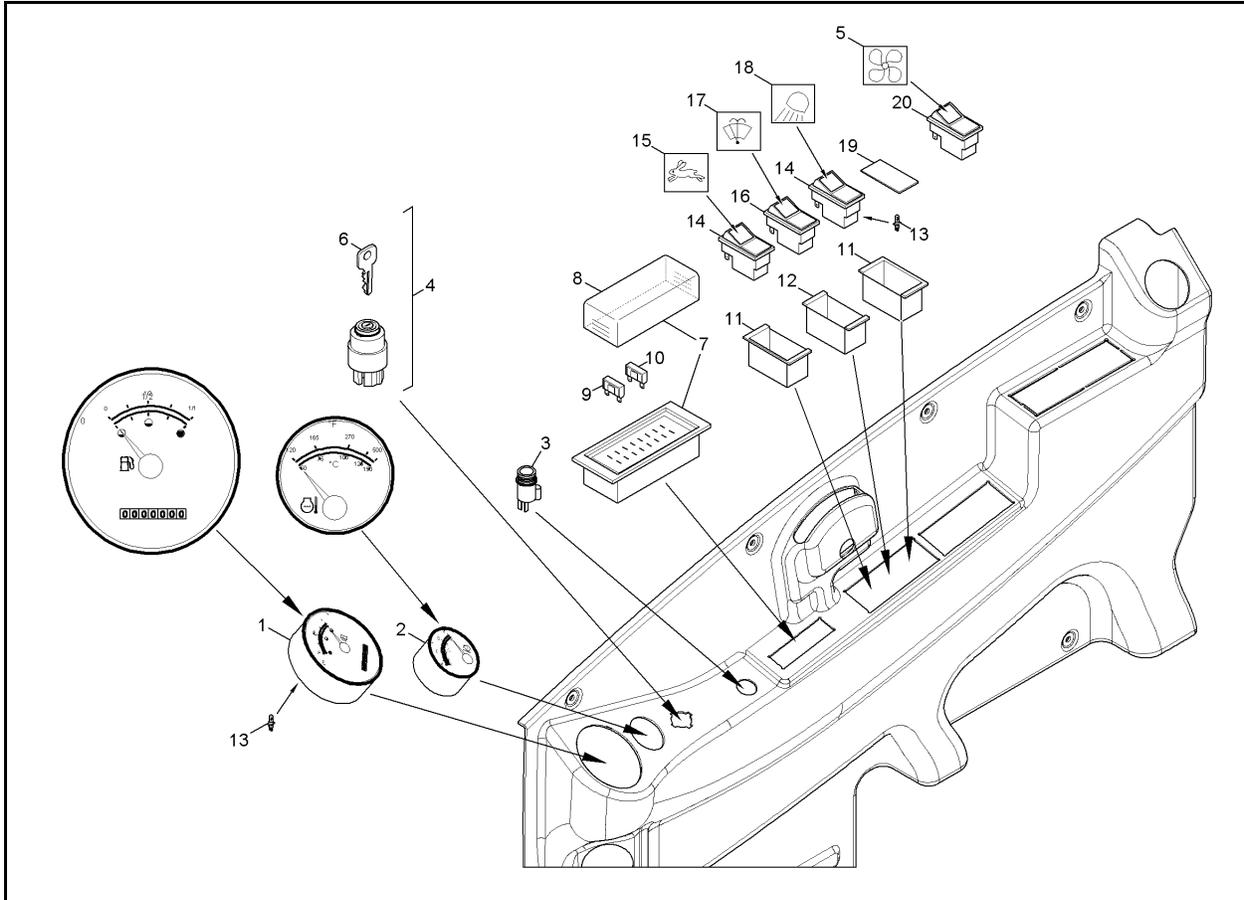
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177951	HP HOSE	1	6	178512	HP HOSE	1
2	177952	HP HOSE	1	7	177957	HP HOSE	1
3	162445	HP HOSE	1	8	161350	HP HOSE	1
4	177730	HP HOSE	1	9	163335	HP HOSE	1
5	177856	HP HOSE	1				

**503Z - DASHBOARD (CAB)
1000129519 - (SN AC02890 AND UP)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177095	INSTRUMENT CLUSTER	1	11	209196	FRAME	4
2	177667	TEMPERATURE GAUGE	1	12	209197	FRAME	6
3	164696	CIGARETTE LIGHTER	1	13	177646	BULB	4
4	0003331306	PREHEATING START SWITCH W/KEY	1	14	164883	LIGHT SWITCH	2
5	164708	VENTILATION FAN SYMBOL	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY	1	16	164881	WINDSHIELD WIPER SWITCH	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 - 2 POSITION	1

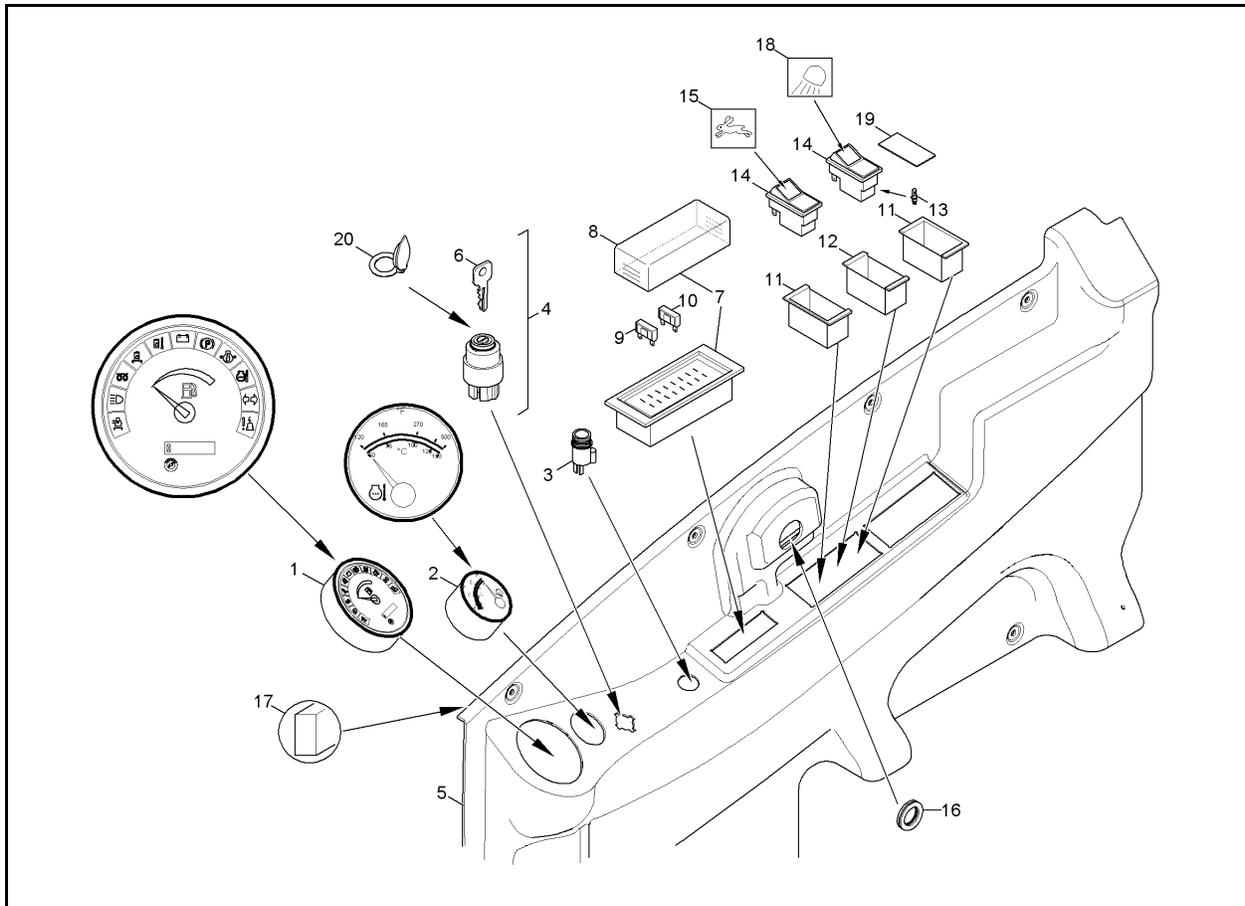
**503Z - DASHBOARD (CAB)
1000124295 - (SN AC02889 AND BEFORE)**



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	4
4	0003331306	PREHEATING START SWITCH W/KEY	1	14	164883	LIGHT SWITCH	2
5	164708	VENTILATION FAN SYMBOL	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY	1	16	164881	WINDSHIELD WIPER SWITCH	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 - 2 POSITION	1

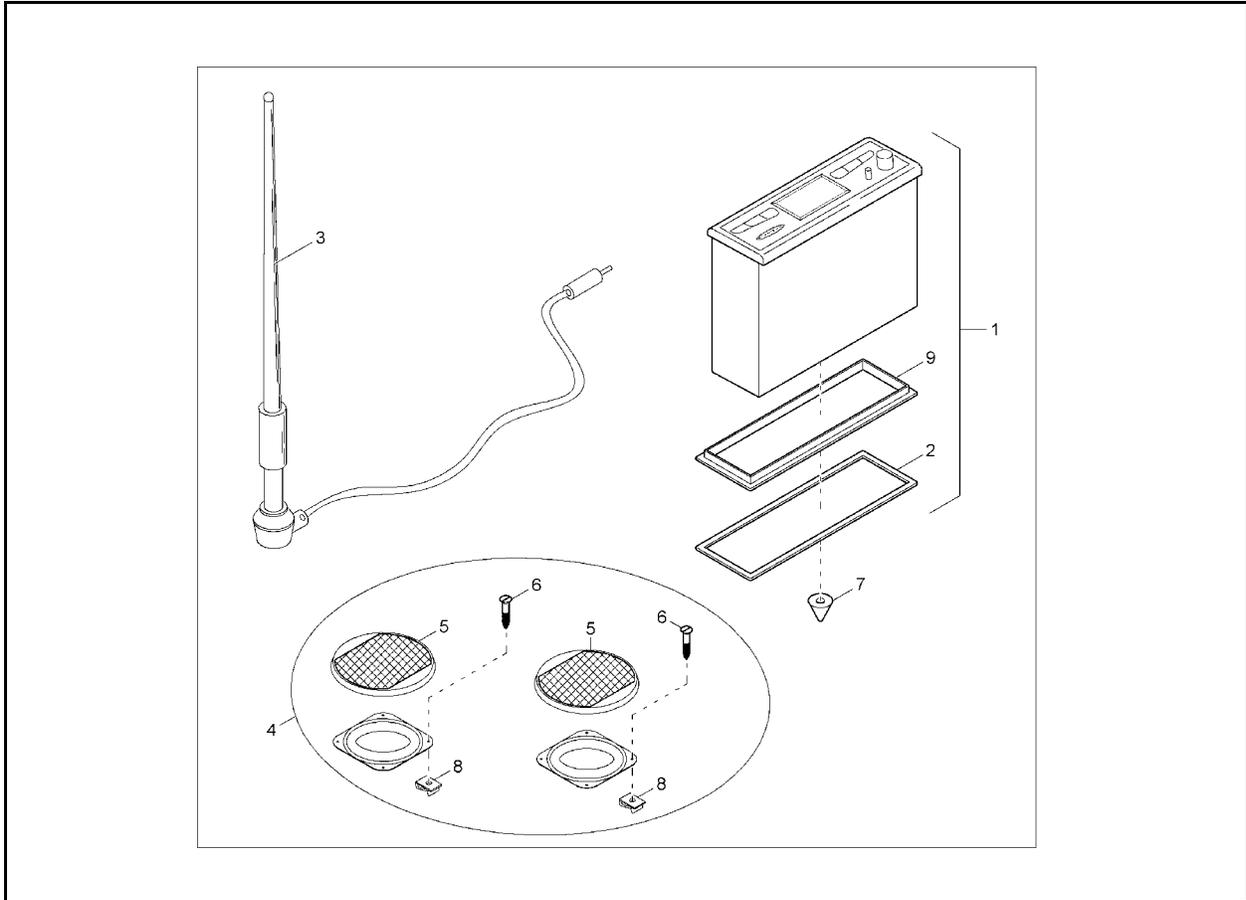
503Z - DASHBOARD (CANOPY)

1000159138



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177095	INSTRUMENT CLUSTER	1	11	209196	FRAME	4
2	205021	TEMPERATURE GAUGE	1	12	209197	FRAME	6
3	164696	CIGARETTE LIGHTER	1	13	177646	BULB	4
4	0003331306	PREHEATING START SWITCH W/KEY	1	14	164883	LIGHT SWITCH	2
5	205015	SIDE TRIM	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY	1	16	205022	DIAPHRAGM	1
7	177976	FUSE BOX	1	17	205025	RUBBER FOAM (6.60M)	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	161368	COVER	1

503Z - RADIO (OPTION)
1000124557

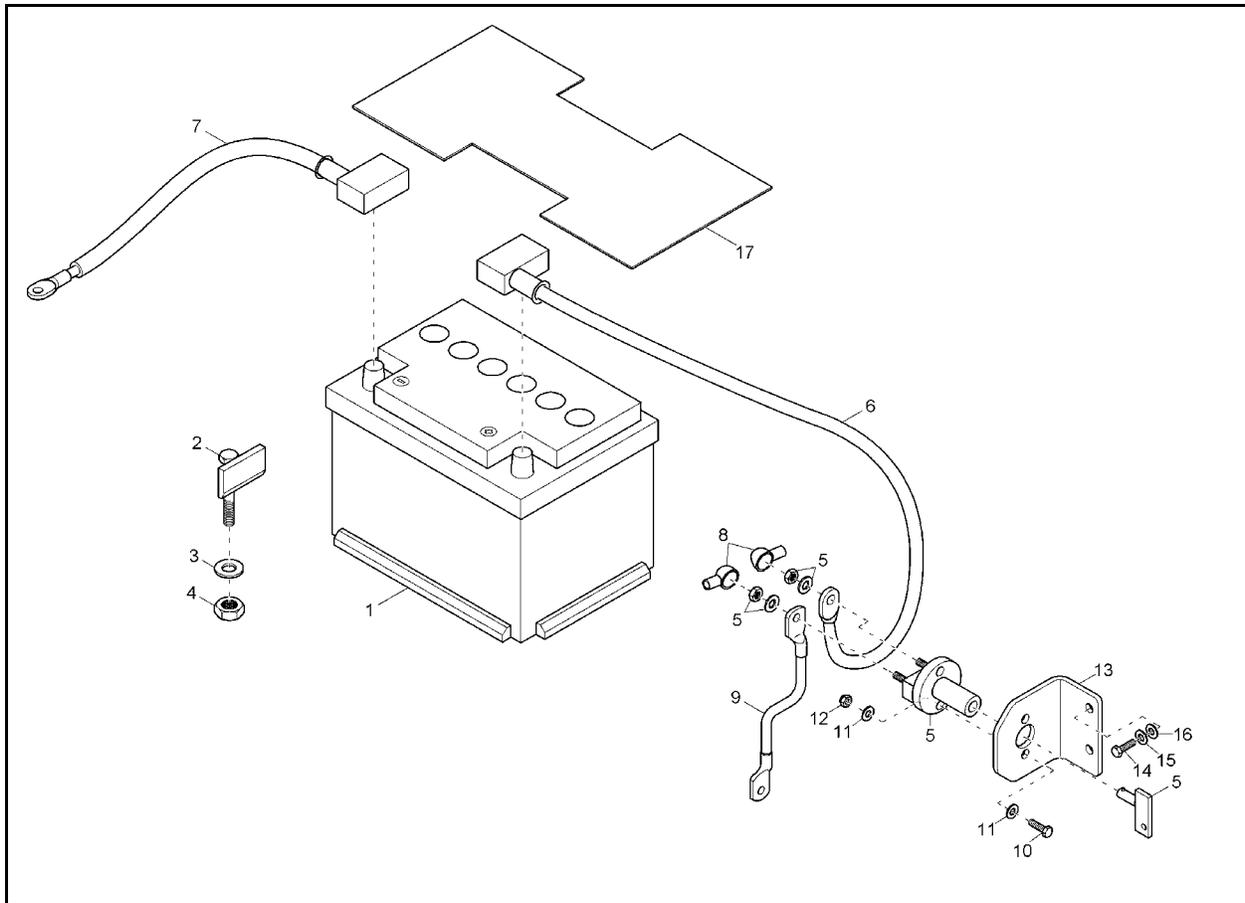


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	201839	RADIO	1	6	162035	SCREW	8
2	164187	FRAME	1	7	178107	RUBBER BUFFER	1
3	162839	ANTENNA	1	8	164683	NUT	8
4	165204	SPEAKER KIT*	1	9	205940	FRAME	1
5	206003	SPEAKER COVER	2				

* Includes quantity of 2 speakers.

503Z - BATTERY

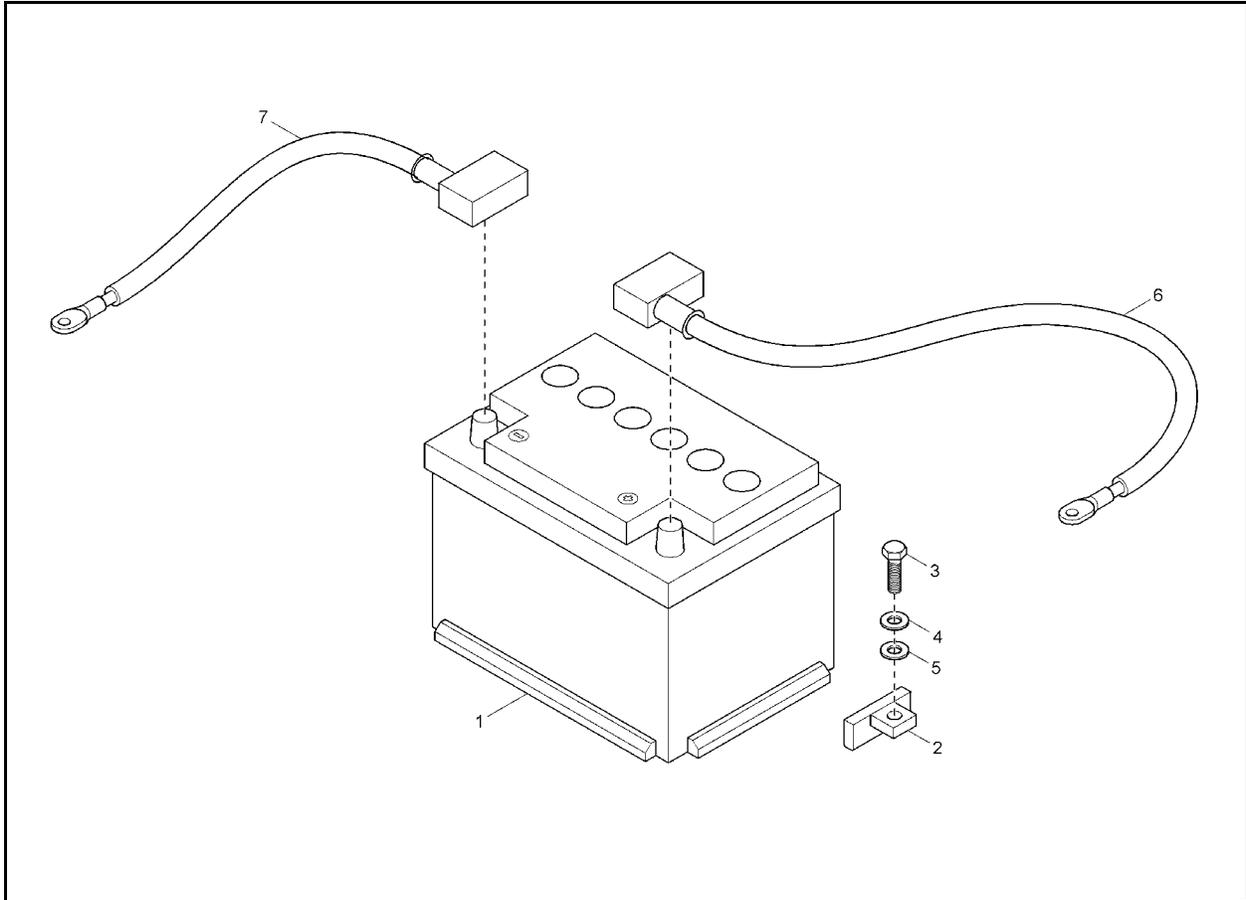
1000180081 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BATTERY	1	10	651424	CS M6-1X20 C8.8 ZY DIN931	2
2	162735	SCREW	1	11	161660	WASHER GR A6.4 ZO DIN 125	4
3	7462680011	WASHER 8.4 ST A2C	1	12	651457	LN INS M6-1 C8 ZY DIN6924	2
4	651458	LN INS M8-1.25 C8 ZY DIN6924	1	13	202521	BRACKET	1
5	160549	SHUT OFF SWITCH & KEY	1	14	177648	HEX SCREW	2
6	202520	CABLE/POSITIVE	1	15	163670	LOCKWASHER	2
7	164273	CABLE/GROUND	1	16	163634	WASHER	2
8	161994	CAP	2	17	202522	COVER	1
9	177540	BATTERY CABLE - SHORT POS.	1				

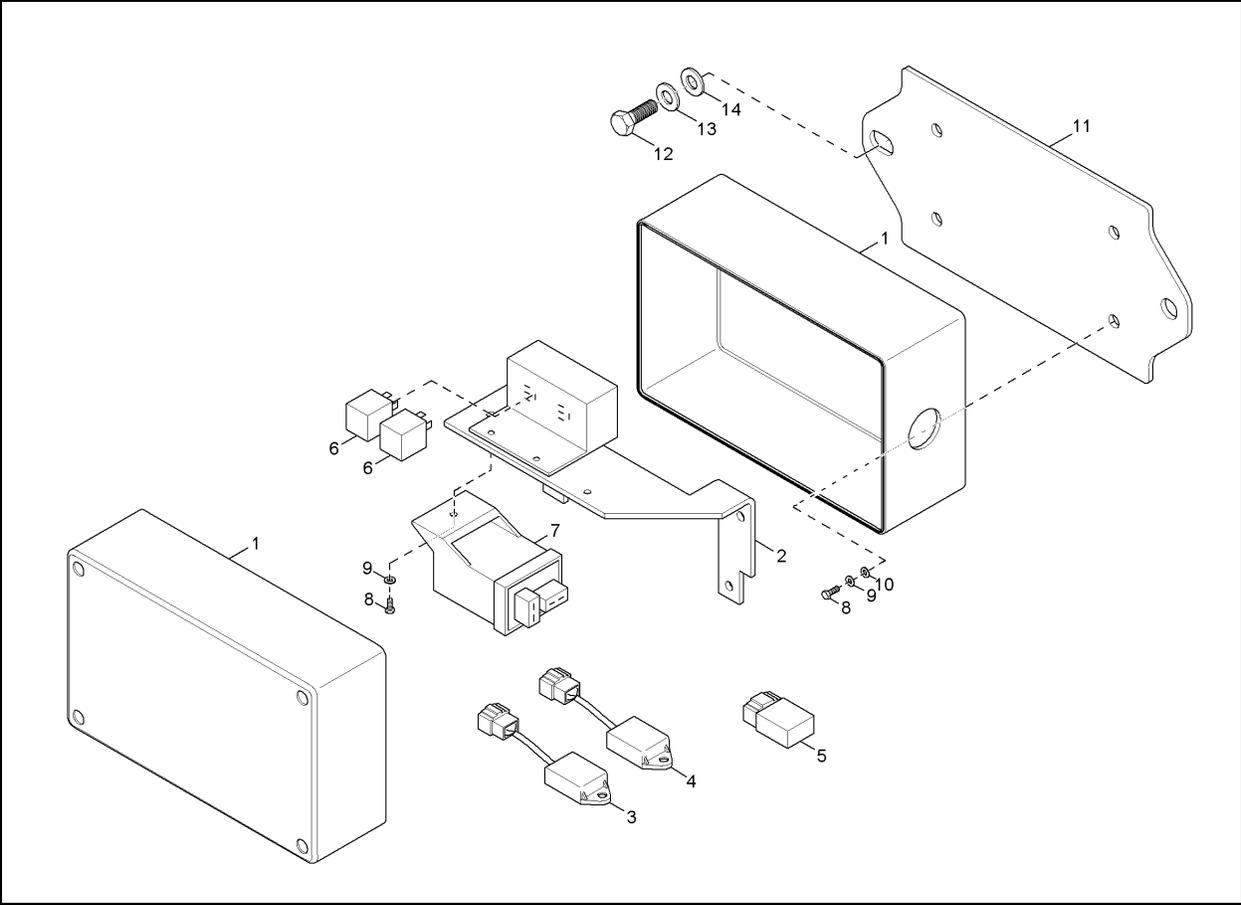
* Purchase locally. Group size 49 (alt. 93); 680 CCA.

503Z - BATTERY
1000124022 - (SN AC02471 - AD07125)

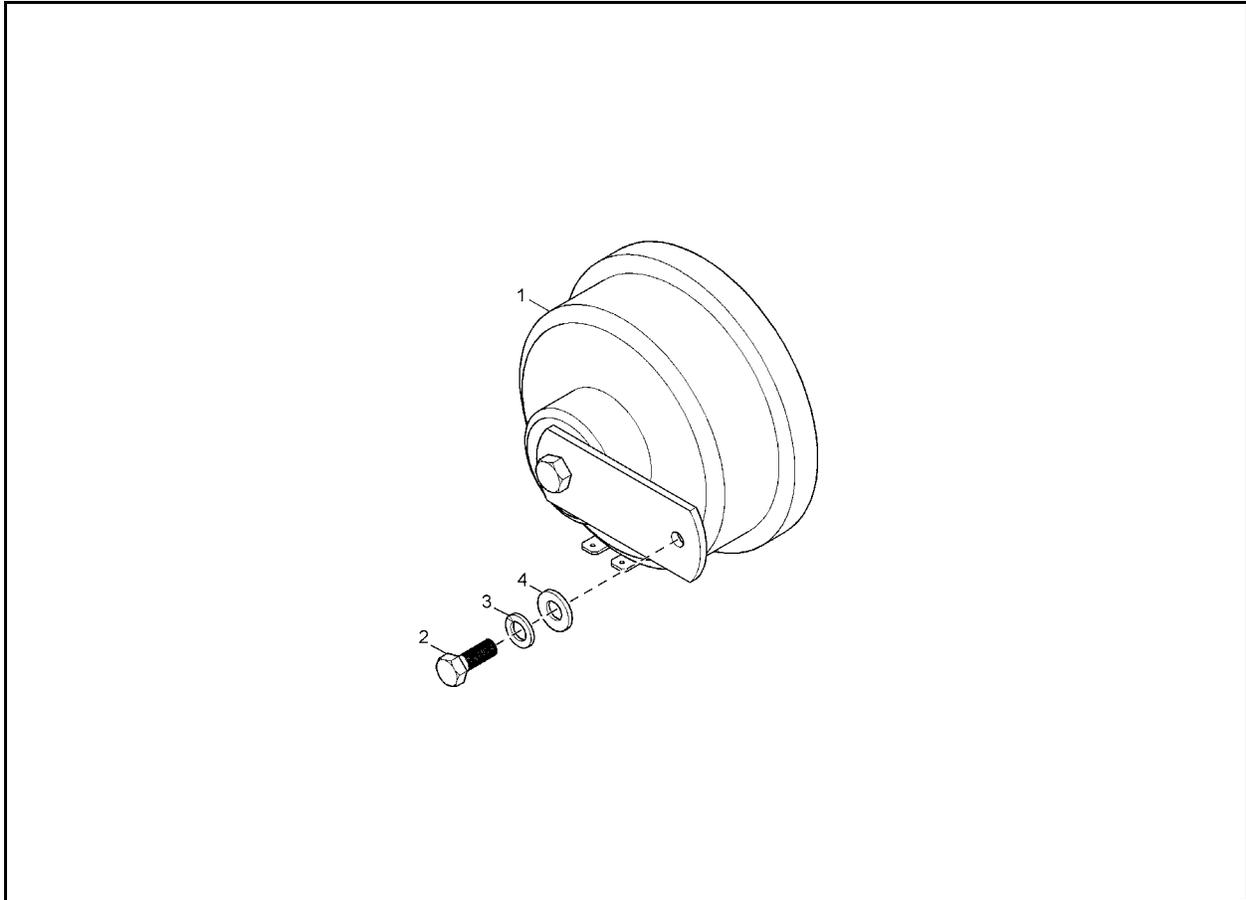


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BATTERY		5	163634	FLATWASHER	1
2	178463	CARRIER	1	6	164274	CABLE/POSITIVE	1
3	656094	CS M8-1.25X30 C8.8 ZO	1	7	164273	CABLE/GROUND	1
4	163670	LOCKWASHER	1	* Purchase locally. Group size 49 (alt. 93); 680 CCA.			

503Z - RELAY BOX
1000124561

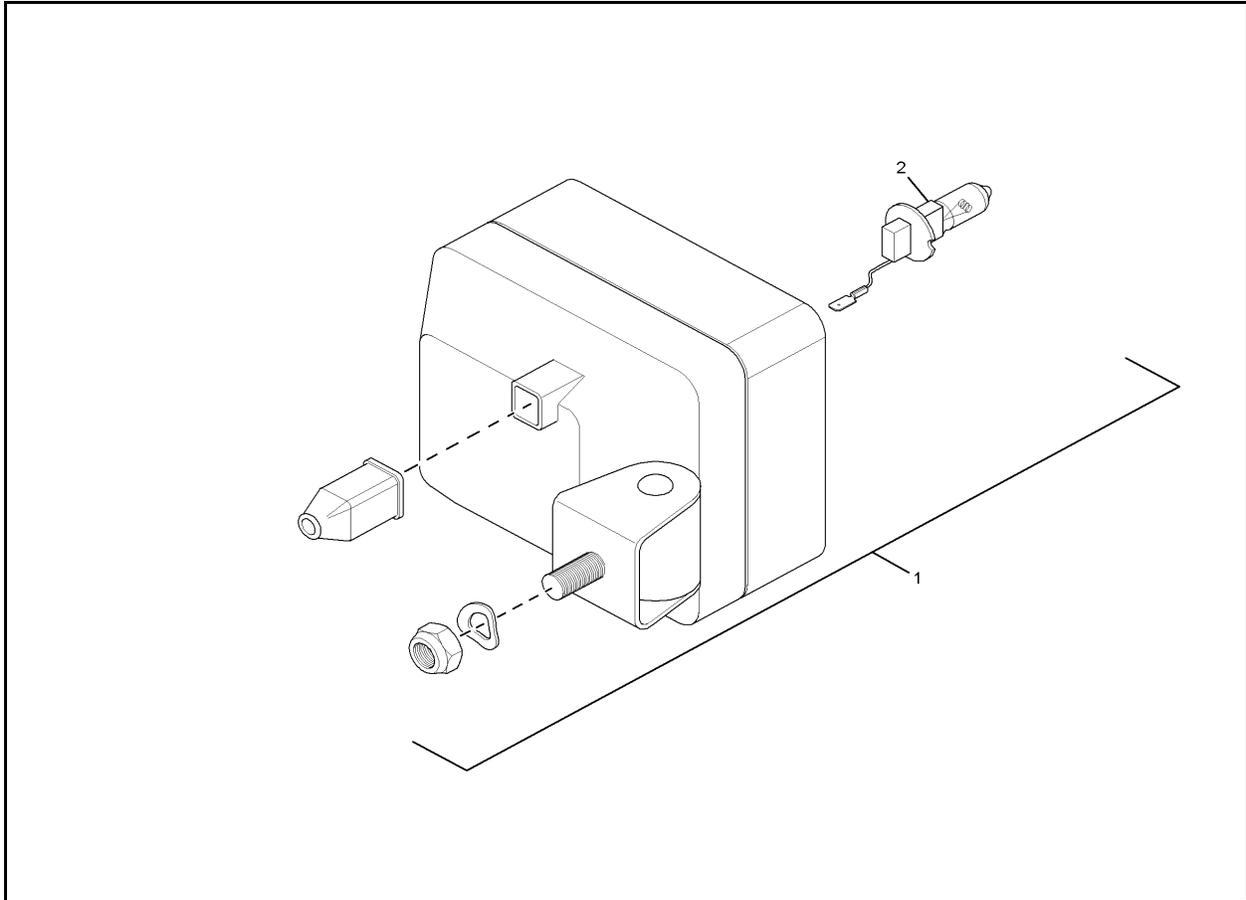


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177748	HOUSING	1	8	206436	HEX SCREW	5
2	177887	BRACKET/RELAY	1	9	161674	LOCKWASHER S16	5
3	160821	RELAY 10 A - WHITE CABLE	1	10	161665	WASHER/GR A 5.3	4
4	160891	RELAY 10 A - BLACK CABLE	1	11	205101	RELAY BOX BRACKET	1
5	177647	DIODE	1	12	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
6	177222	RELAY 70 A	2	13	161669	LOCKWASHER S10	2
7	178930	RELAY 15 A	1	14	161640	WASHER/GR A 10.5	2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161366	HORN	1	3	163670	LOCKWASHER	1
2	656093	CS M8-1.25X16 C8.8 ZO	1	4	163634	FLATWASHER	1

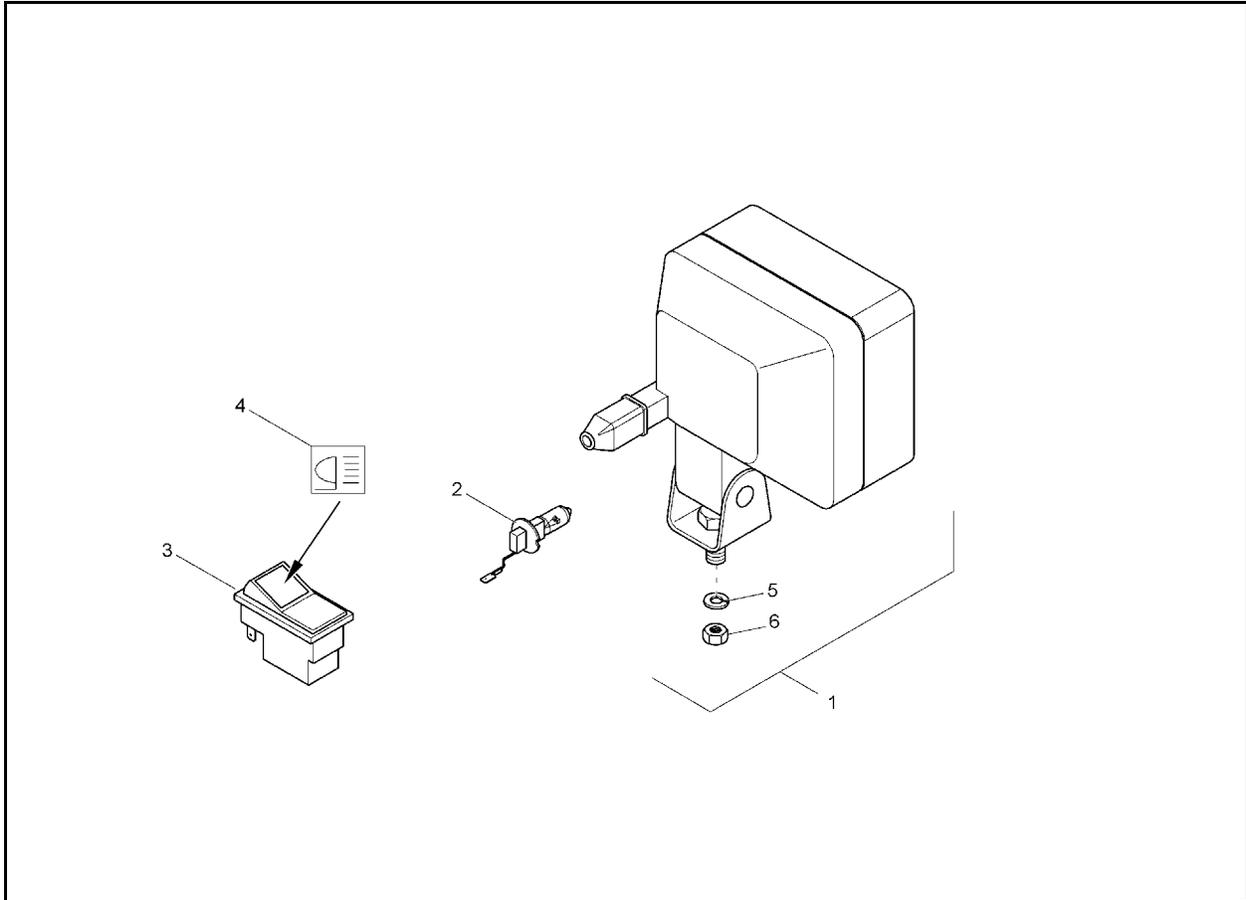
503Z - BOOM WORK LIGHT
1000157935



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 BULB	1
	160537	WORK LIGHT COMPLETE (SN AC03288 and before)	1				

503Z - CAB WORK LIGHT - REAR (OPTION)

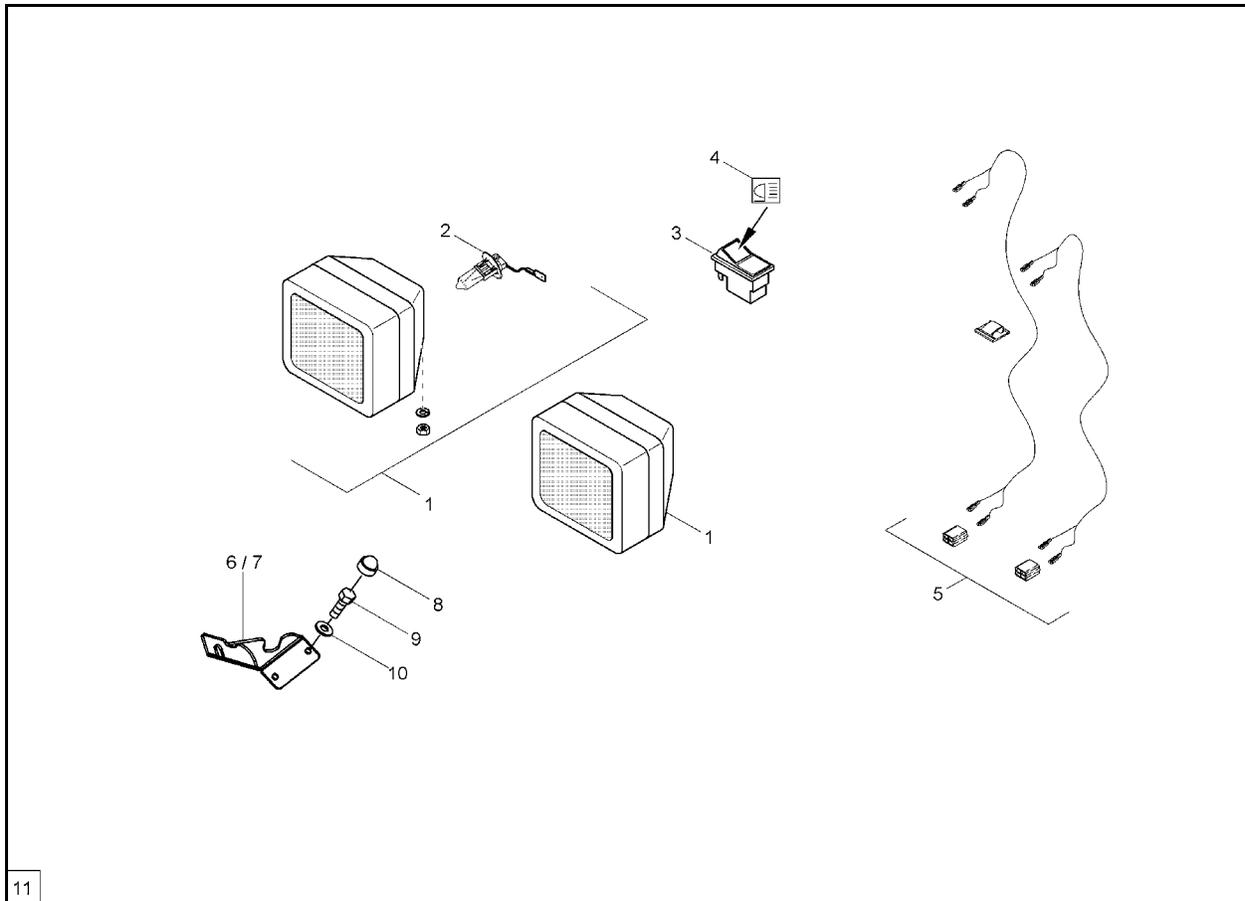
1000124310



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

503Z - CAB WORK LIGHTS - FRONT (OPTION)

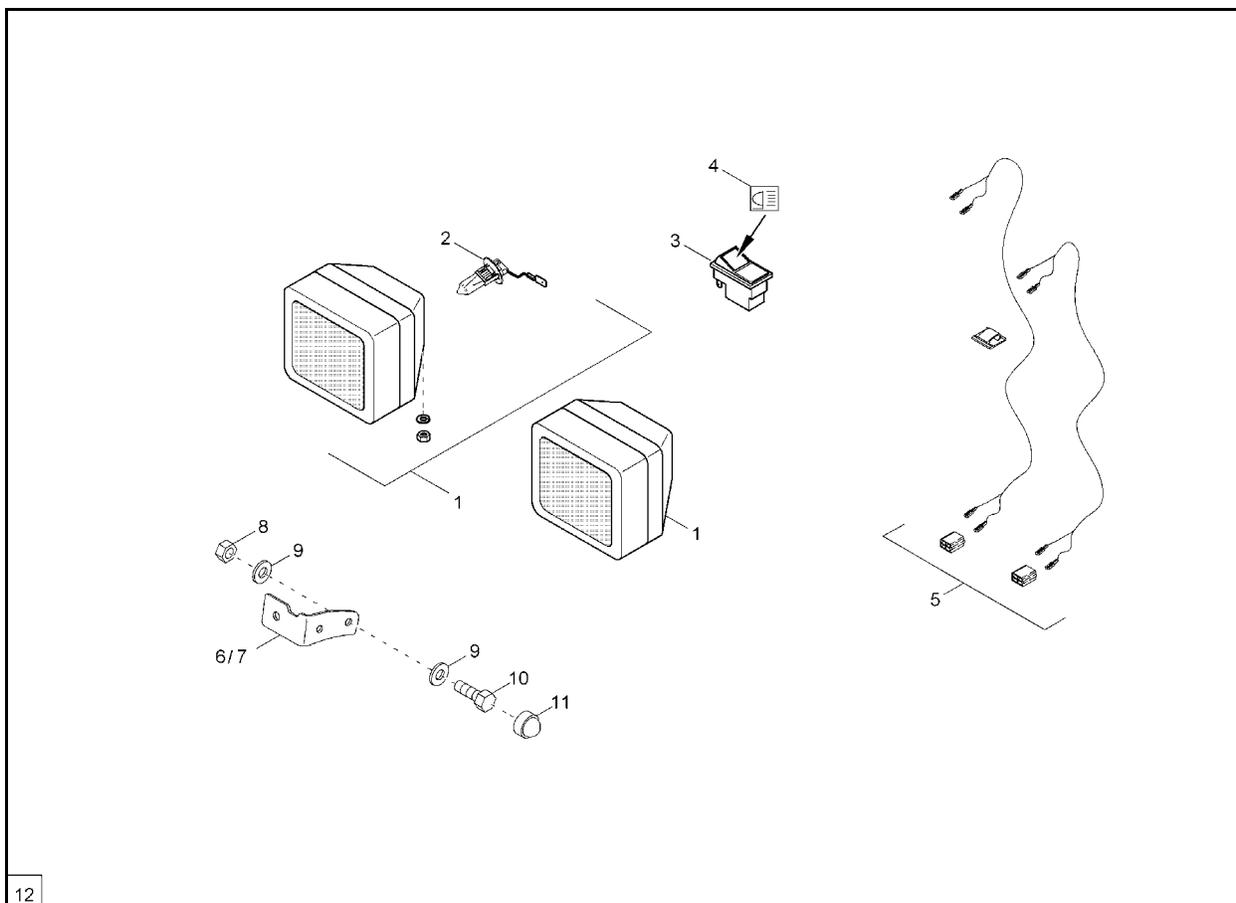
1000135614 - (CAB SN 50947 AND UP)



Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	2
2	161367	HALOGEN BULB	2
3	164884	ROCKER SWITCH - 2 POSITION	1
4	164871	WORK LIGHT SYMBOL	1
5	178708	CABLE	1
6	208279	BRACKET/HEADLIGHT LT	1

Ref. No.	Part No.	Description	Qty.
7	208280	BRACKET/HEADLIGHT RT	1
8	162737	COVER	4
9	656092	CS M6-1X12 C8.8 ZY	4
10	162924	WASHER	4
11	809345	WORK LIGHT KIT	1

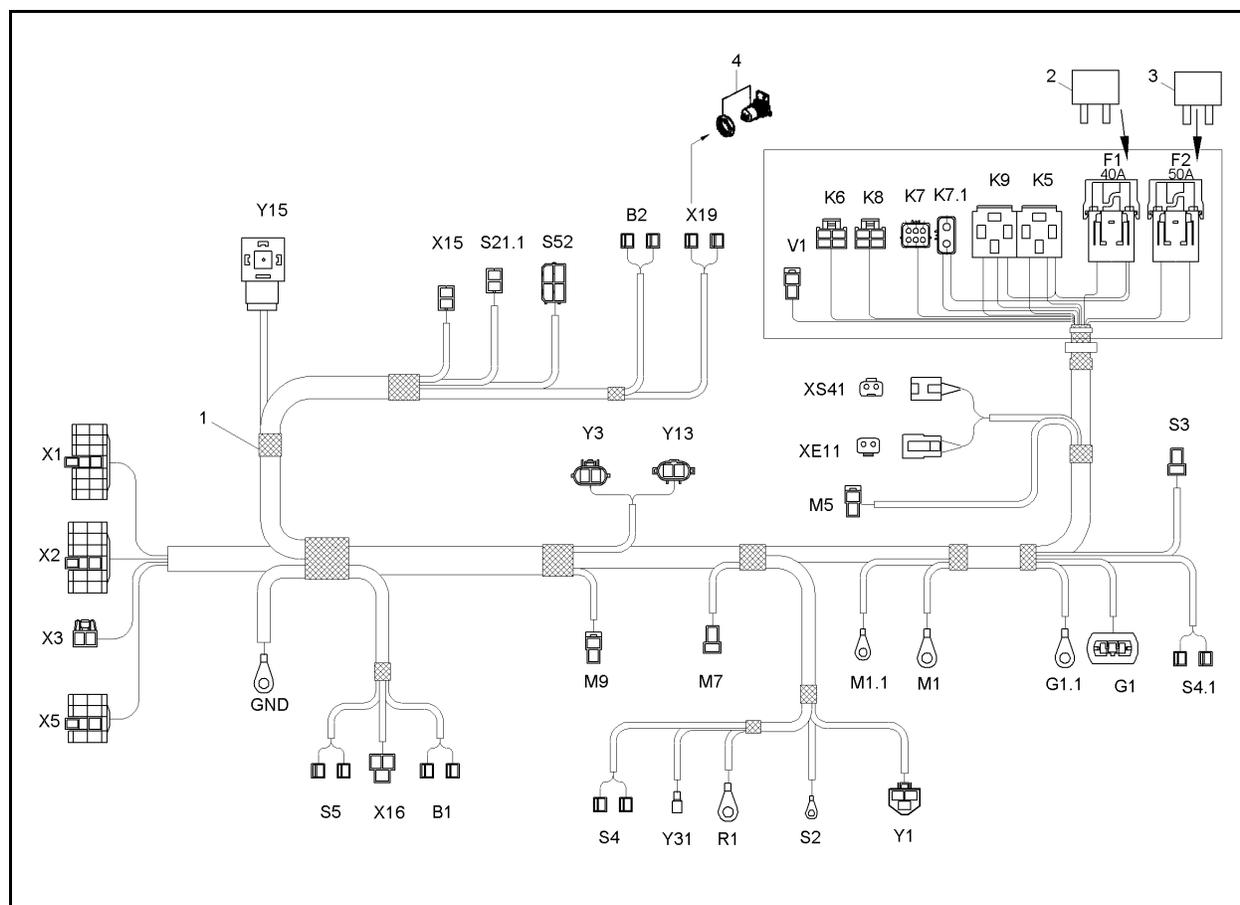
**503Z - CAB WORK LIGHTS - FRONT (OPTION)
1000124321 - (CAB SN 50946 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE	2	7	178064	WORK LIGHT BRACKET/RT	1
2	161367	HALOGEN BULB	2	8	651458	LN INS M8-1.25 C8 ZY	4
3	164884	ROCKER SWITCH - 2 POSITION	1	9	161668	WASHER/GR A 8.4 ZO DIN134	4
4	164871	WORK LIGHT SYMBOL	1	10	177648	HEX SCREW	4
5	178708	CABLE	1	11	165052	COVER	4
6	178063	WORK LIGHT BRACKET/LT	1	12	809345	WORK LIGHT KIT	1

503Z - WIRE HARNESS - CHASSIS, ENGINE

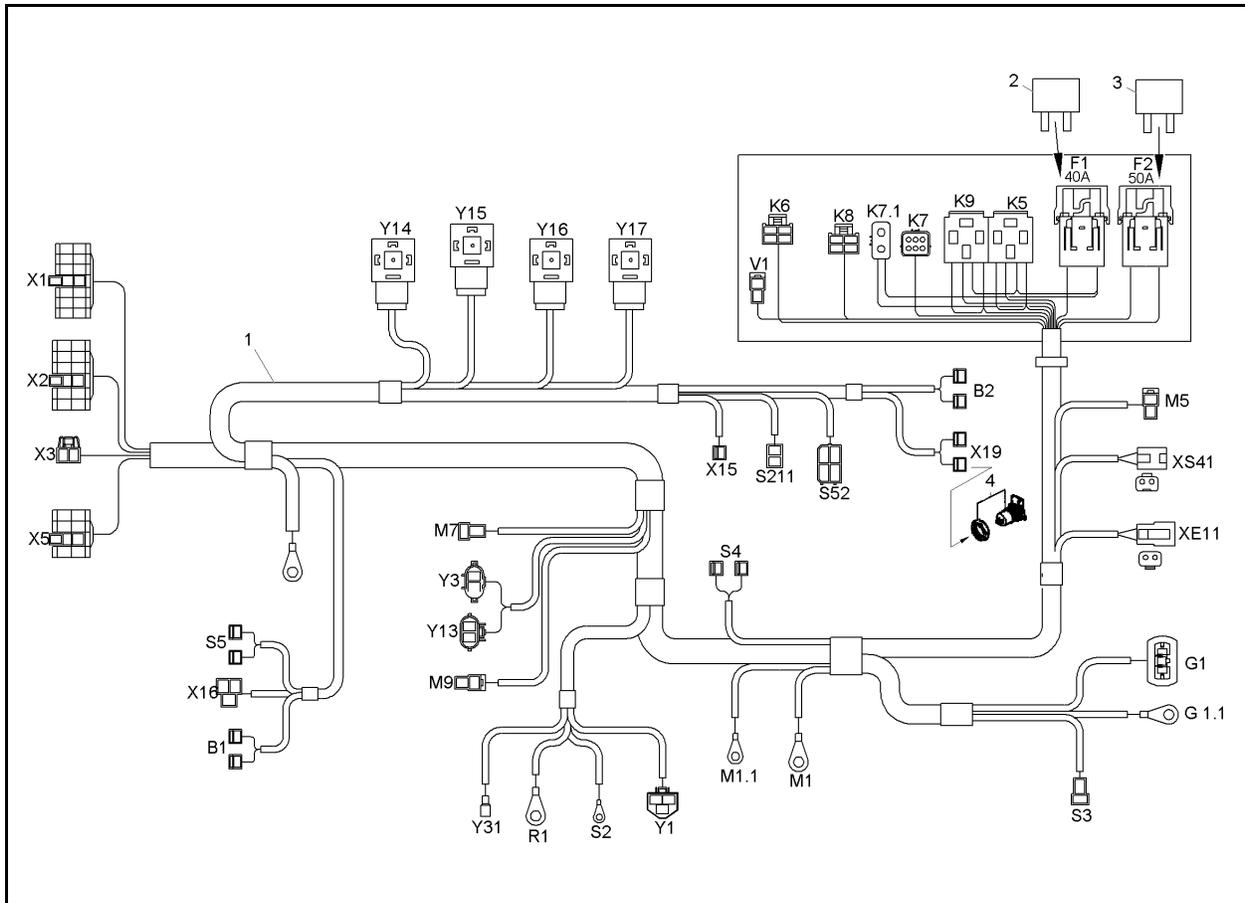
1000158042 - (SN AD04931 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205544	WIRE HARNESS/ENGINE	1	3	161998	FUSE 50A	1
2	162838	FUSE 40A	1	4	161732	SOCKET	1

503Z - WIRE HARNESS - CHASSIS, ENGINE

1000124112 - (SN AD04930 AND BEFORE)

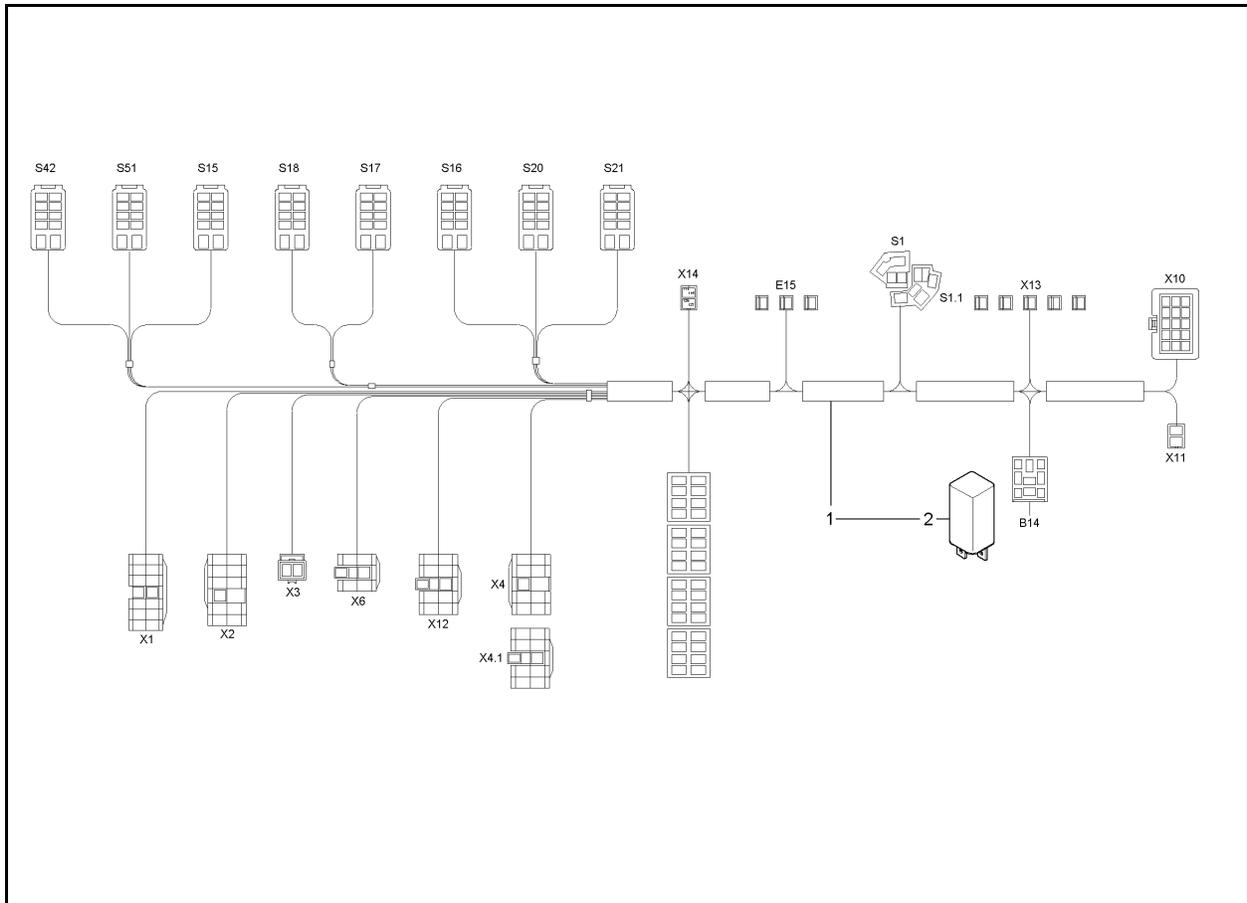


Ref. No.	Part No.	Description	Qty.
1	177809	WIRE HARNESS/ENGINE	1
2	162838	FUSE 40A	1

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

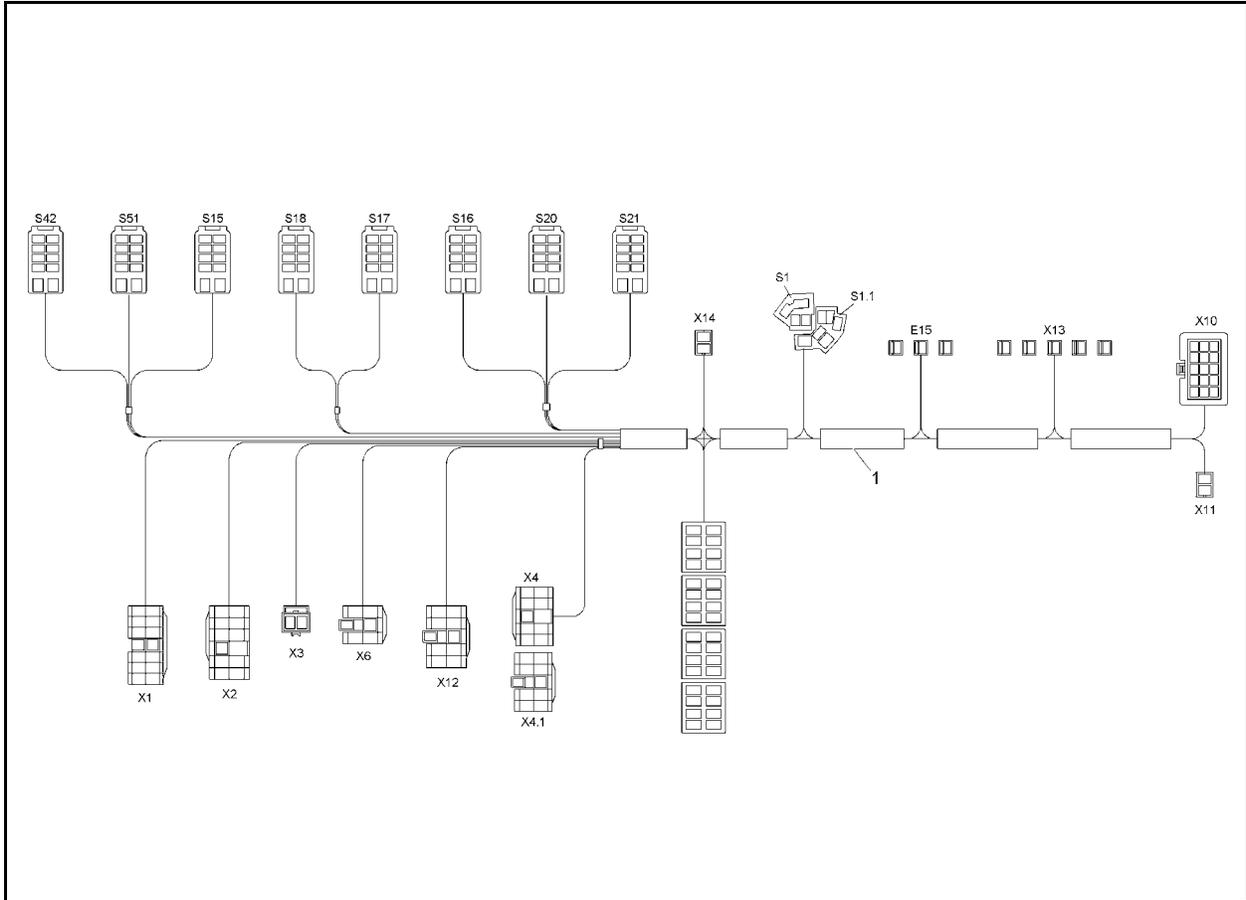
503Z - WIRE HARNESS - SWITCH

1000129544 - (SN AC02890 AND UP)



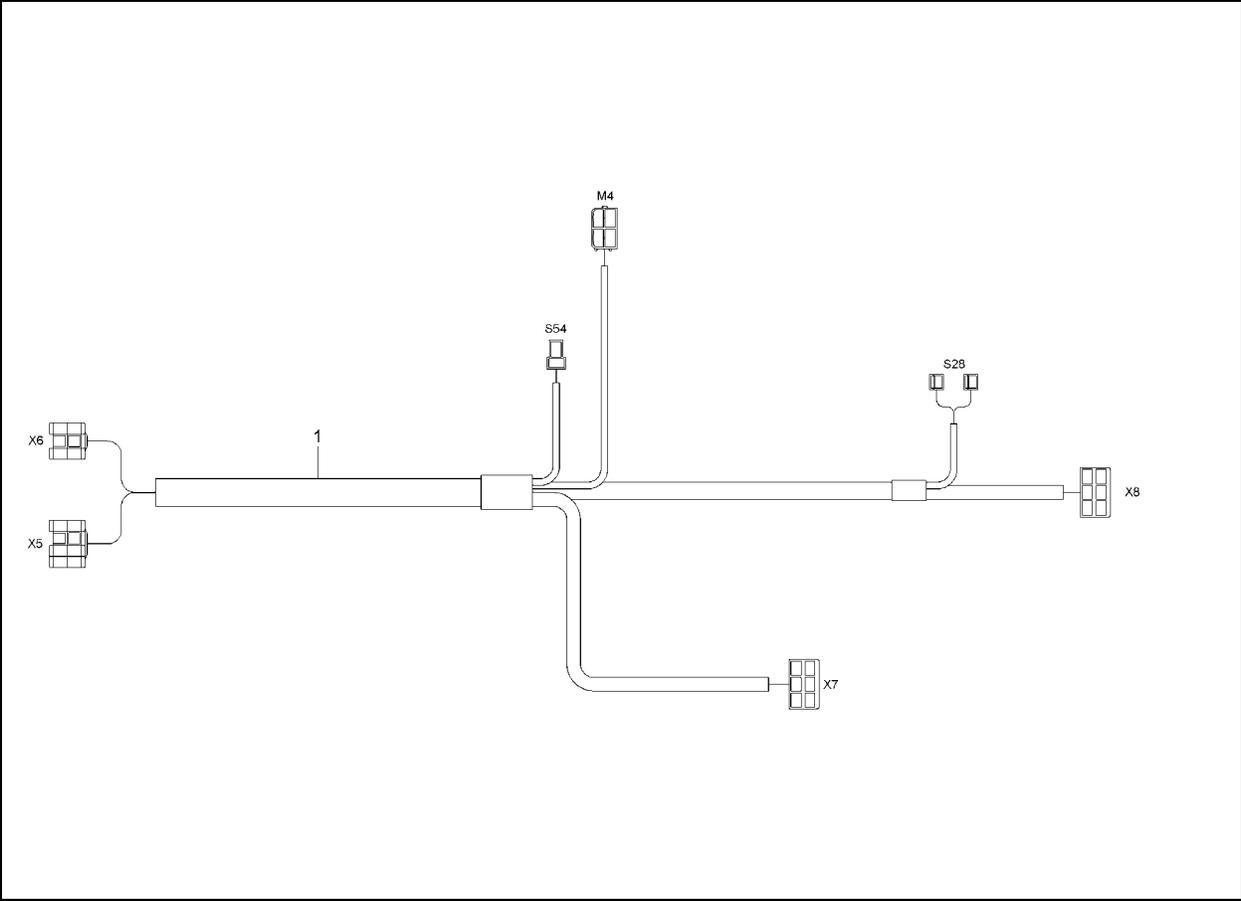
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205545	WIRE HARNESS/SWITCH	1	2	207057	SIGNAL	1

503Z - WIRE HARNESS - SWITCH
1000124173 - (SN AC02889 AND BEFORE)



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

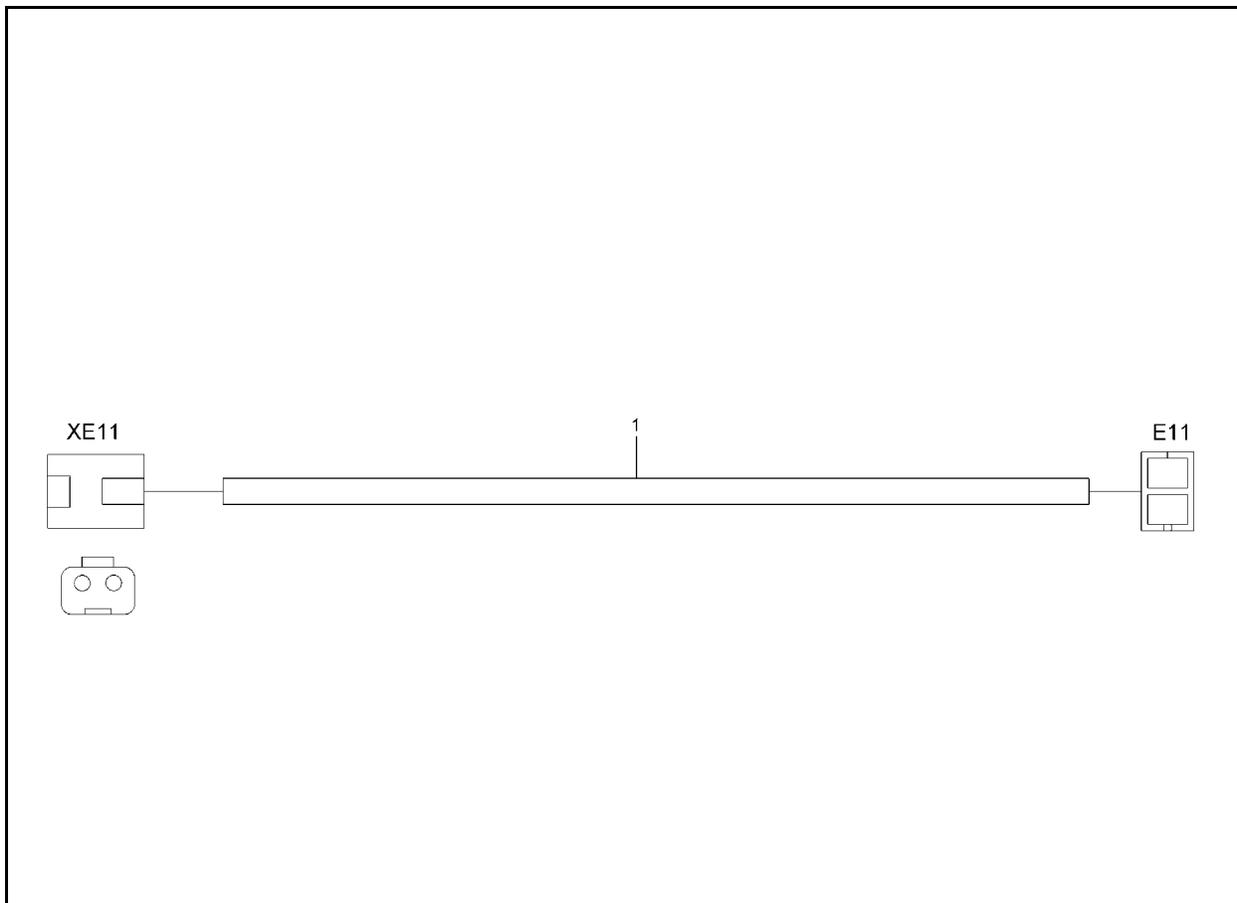
503Z - WIRE HARNESS - ARMREST
1000124101



Ref. No.	Part No.	Description	Qty.
1	177810	WIRE HARNESS/CABIN	1

503Z - WIRE HARNESS - WORK LIGHT - FRONT (OPTION)

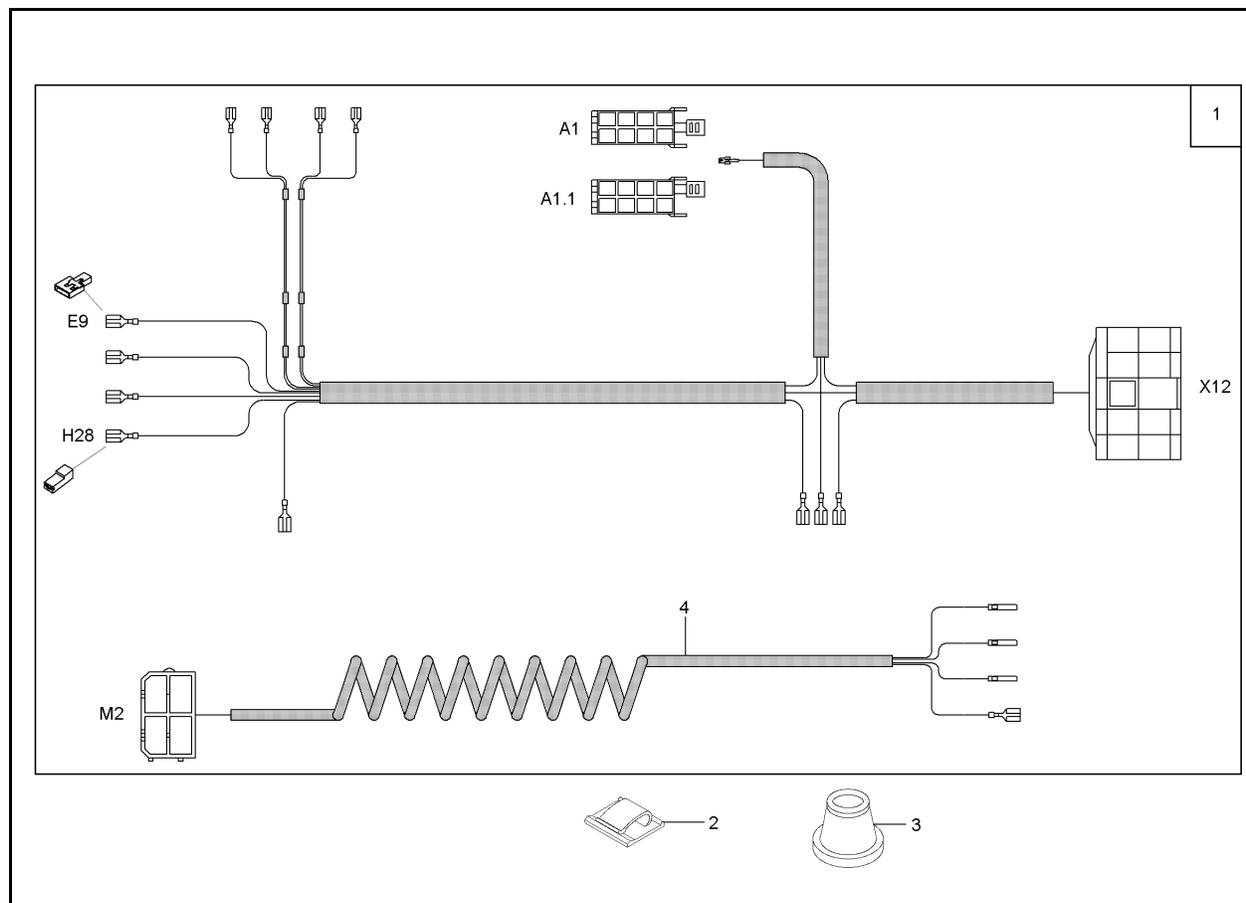
1000124093



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

503Z - WIRE HARNESS - WORK LIGHT - REAR (OPTION)

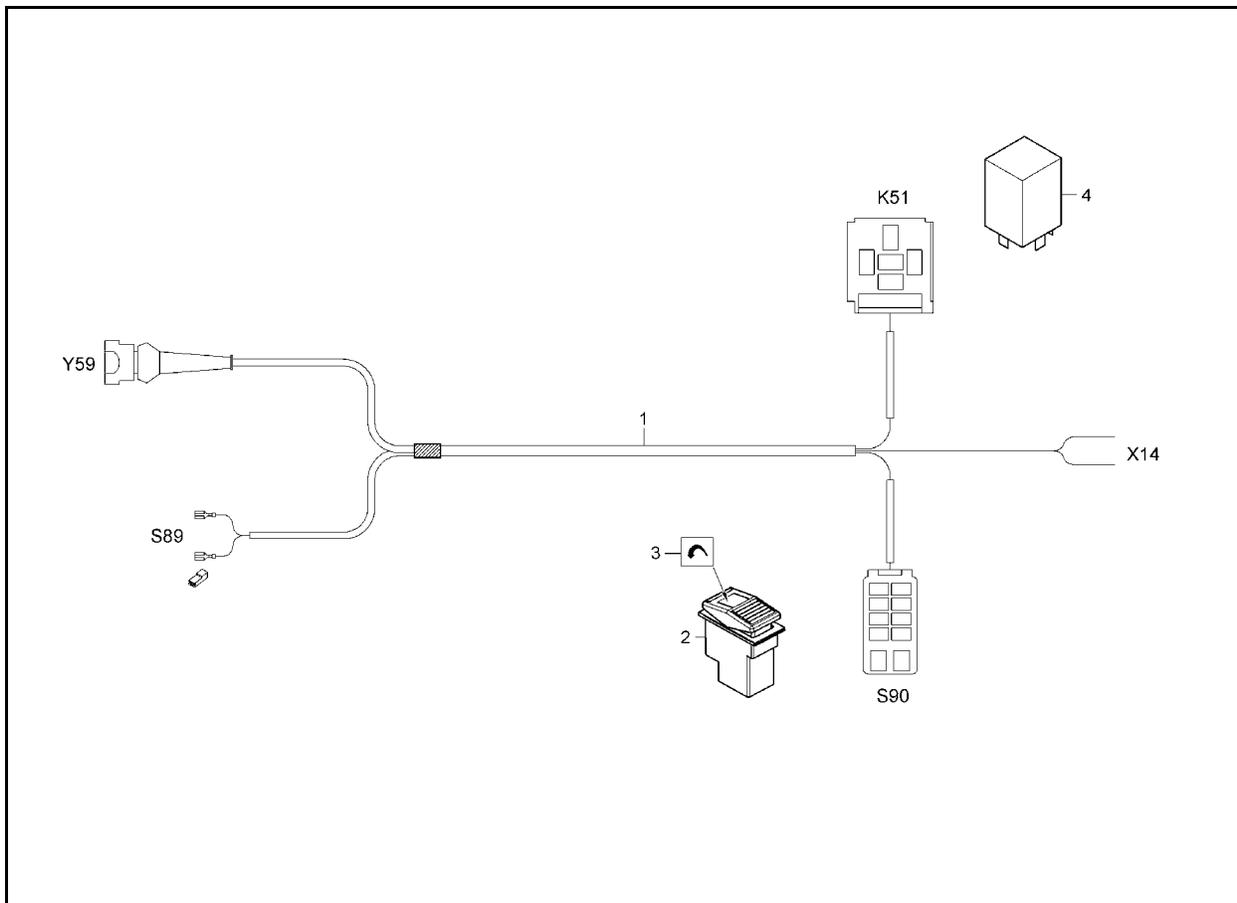
1000124076



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

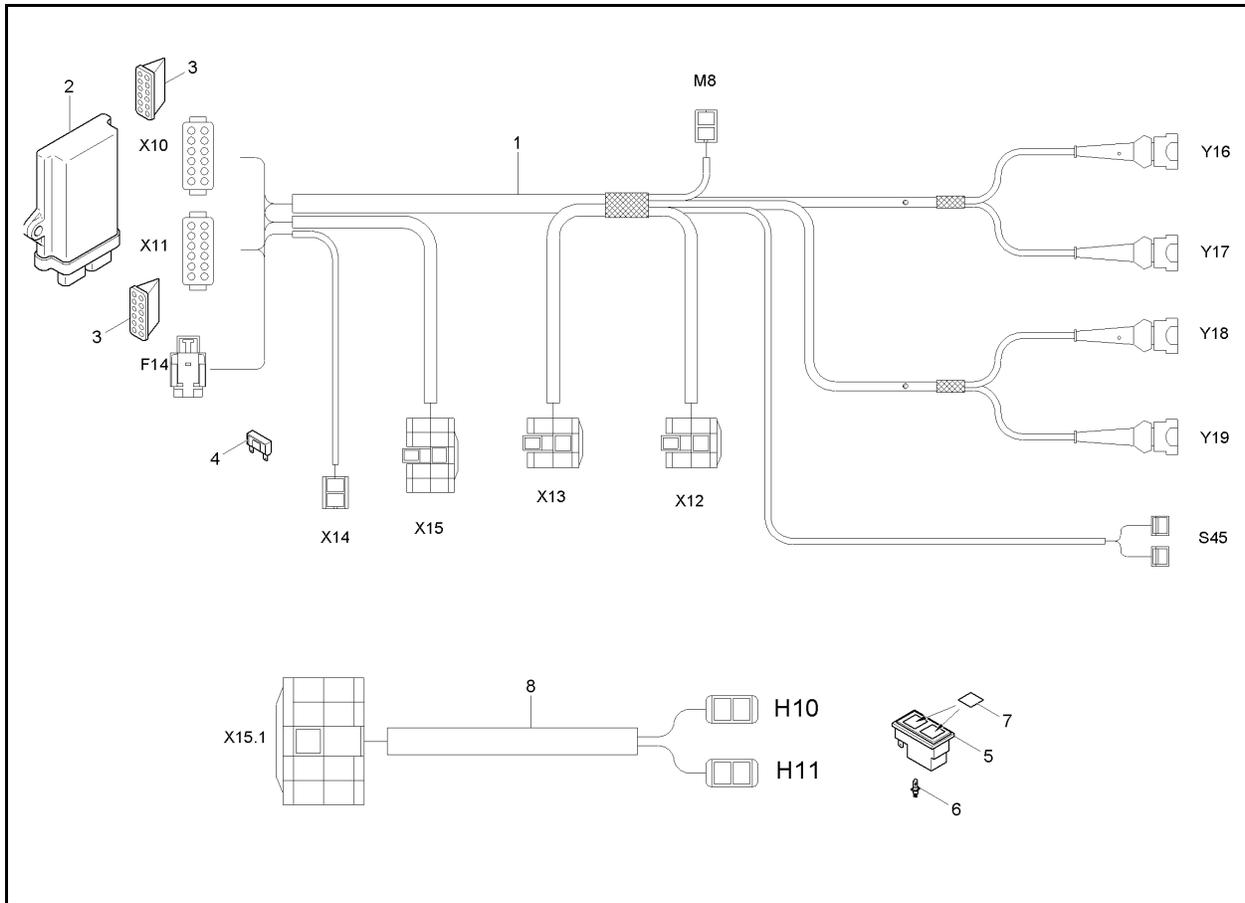
503Z - WIRE HARNESS - AUTO-IDLE (OPTION)

1000179592

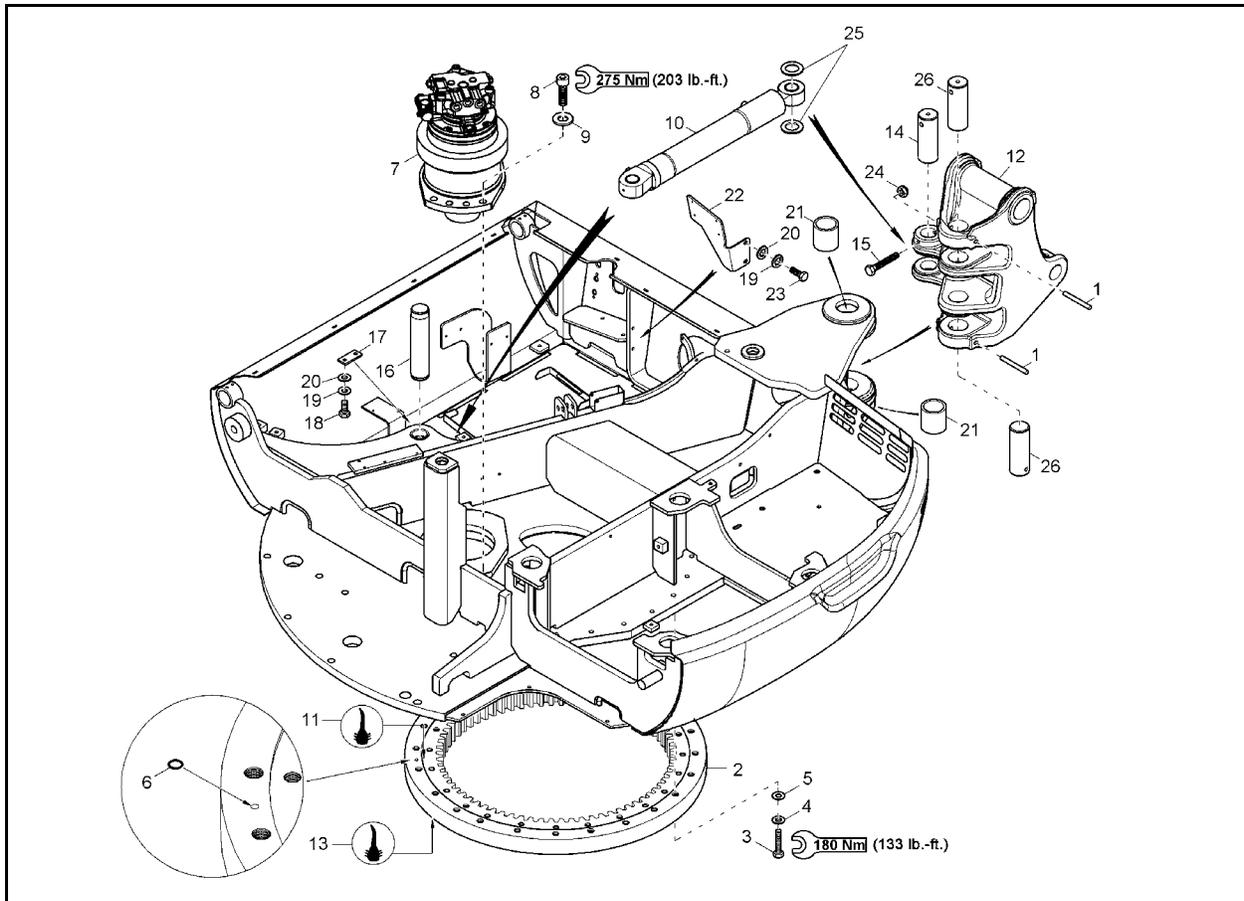


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202523	WIRE HARNESS	1	3	202524	LIGHT SWITCH SYMBOL	1
2	164883	LIGHT SWITCH	5	4	202525	RELAY	1

503Z - WIRE HARNESS - PROPORTIONAL CONTROL (OPTION) 1000158434 - (SN AD04690 AND UP)



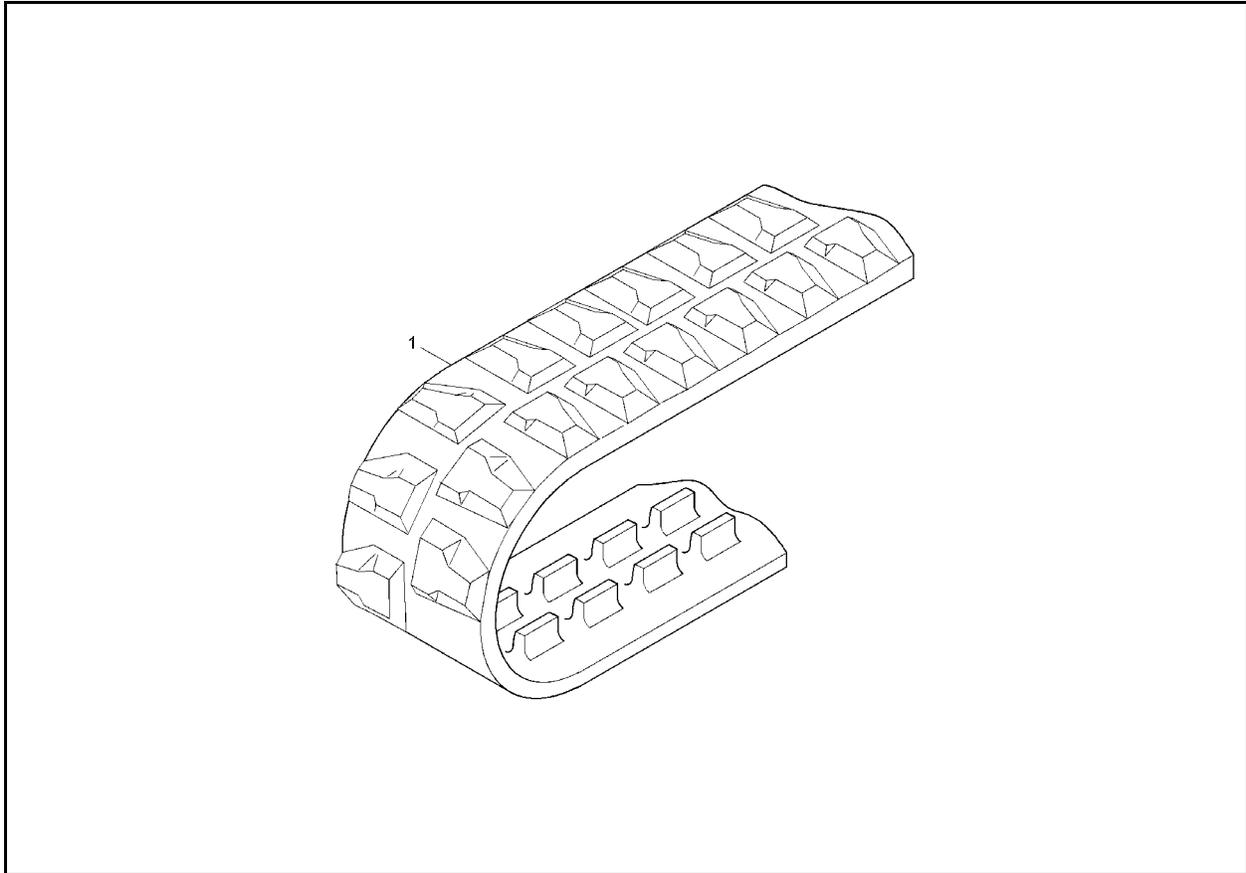
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205169	WIRING HARNESS/ PROPORTIONAL CONTROL	1	5	0003325912	INDICATOR 12V	1
2	205170	PROPORTIONAL ECU	1	6	177646	BULB	2
3	0003330467	PIN HOUSING (BLACK)	2	7	205671	SYMBOL/RED	2
4	7733661603	FLAT FUSE - 5 A	1	8	205173	WIRE HARNESS PROP-CONTROL INDICATOR	1



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177928	ROLL PIN	2	15	177814	ROLL PIN	1
2	177861	SLEWING RING	1	16	177767	PIN	1
3	162485	SCREW	24	17	177913	BRACKET/AXLE	1
4	161671	LOCKWASHER S14	24	18	656008	CS M10-1.5X30 C8.8 ZY DIN931	2
5	161646	WASHER/GR A 15 DIN125	24	19	161669	RING/SNAP S10	4
6	161570	O-RING	1	20	161640	WASHER/GR A 10.5	4
7	177711	SWIVEL DRIVE See page 55 for individual components	1	21	177808	STEEL BUSHING	2
8	651497	SHCS M16-1.5X50 F10.9 ZY DIN912	8	22	177958	CONSOLE	1
9	161637	WASHER/NORD-LOCK NL 16	8	23	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
10	161003	BOOM OFFSET CYLINDER See page 85 for individual components	1	24	651458	LN INS M8-1.25 C8 ZY DIN6924	1
11	201543	SEAL (2.2M)	1	25	206121	SHIM - 0.5 MM	AR
12	177883	SWIVEL CONSOLE	1		206124	SHIM - 1.0 MM	AR
13	201543	SEAL (2.2M)	1		206119	SHIM - 1.5 MM	AR
14	177905	PIN	1		206120	SHIM - 2.0 MM	AR
				26	177768	PIN	2

503Z - RUBBER TRACK

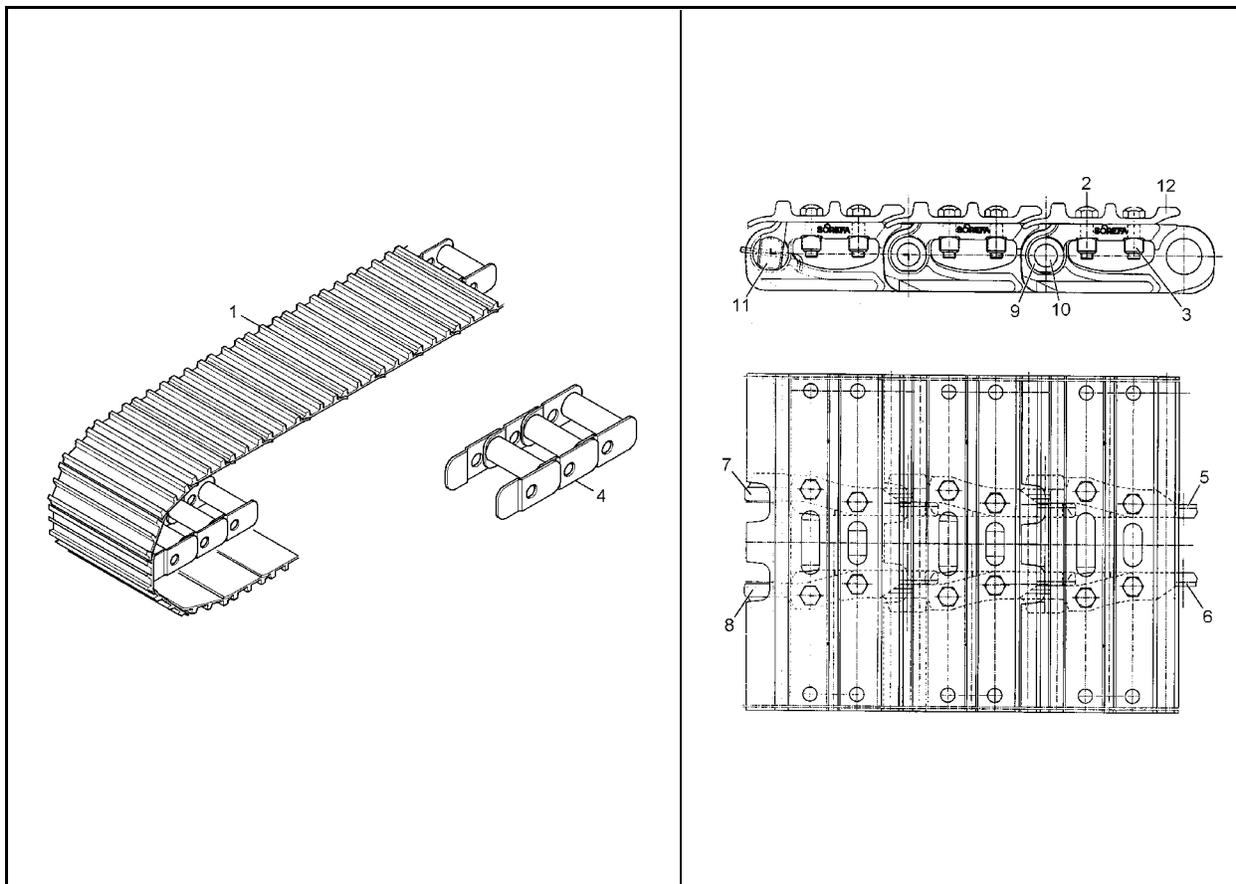
1000125380



Ref.	No.	Part No.	Description	Qty.
1	160885		RUBBER TRACK	2

503Z - STEEL TRACK (OPTION)

1000124563

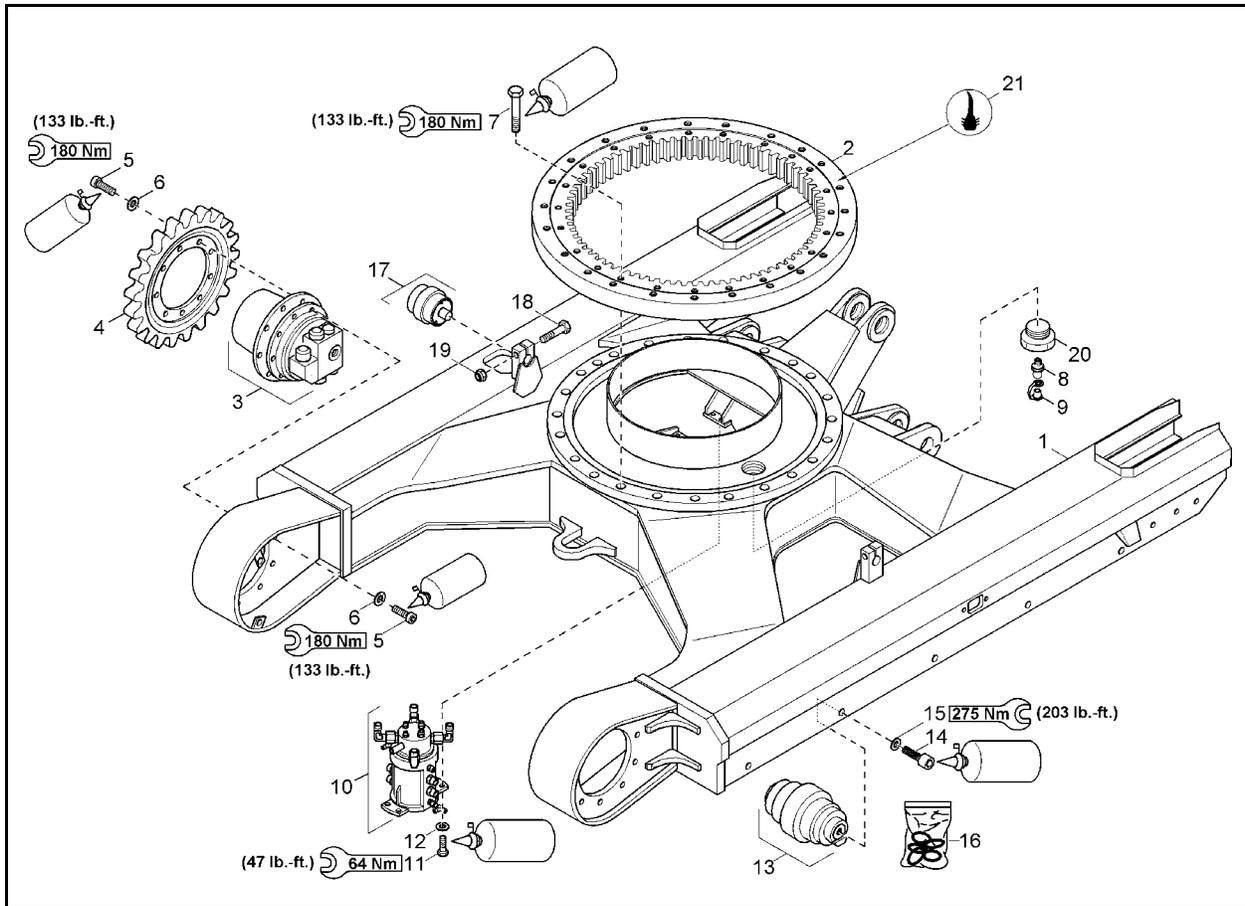


Ref. No.	Part No.	Description	Qty.
1	177747	STEEL TRACK	2
2	178014	SCREW	156
3	178015	NUT	156
4	178016	STEEL TRACK	2
5	178017	TRACK LINK/RT	76
6	178018	TRACK LINK/LT	76
7	178019	TRACK LINK	2

Ref. No.	Part No.	Description	Qty.
8	178020	TRACK LINK	2
9	178021	BUSHING	78
10	178022	TRACK ELEMENT PIN	76
11	178023	TRACK ELEMENT PIN (CONNECTING)	2
12	178024	FLOOR PLATE	78

503Z - UNDERCARRIAGE, RUBBER TRACK

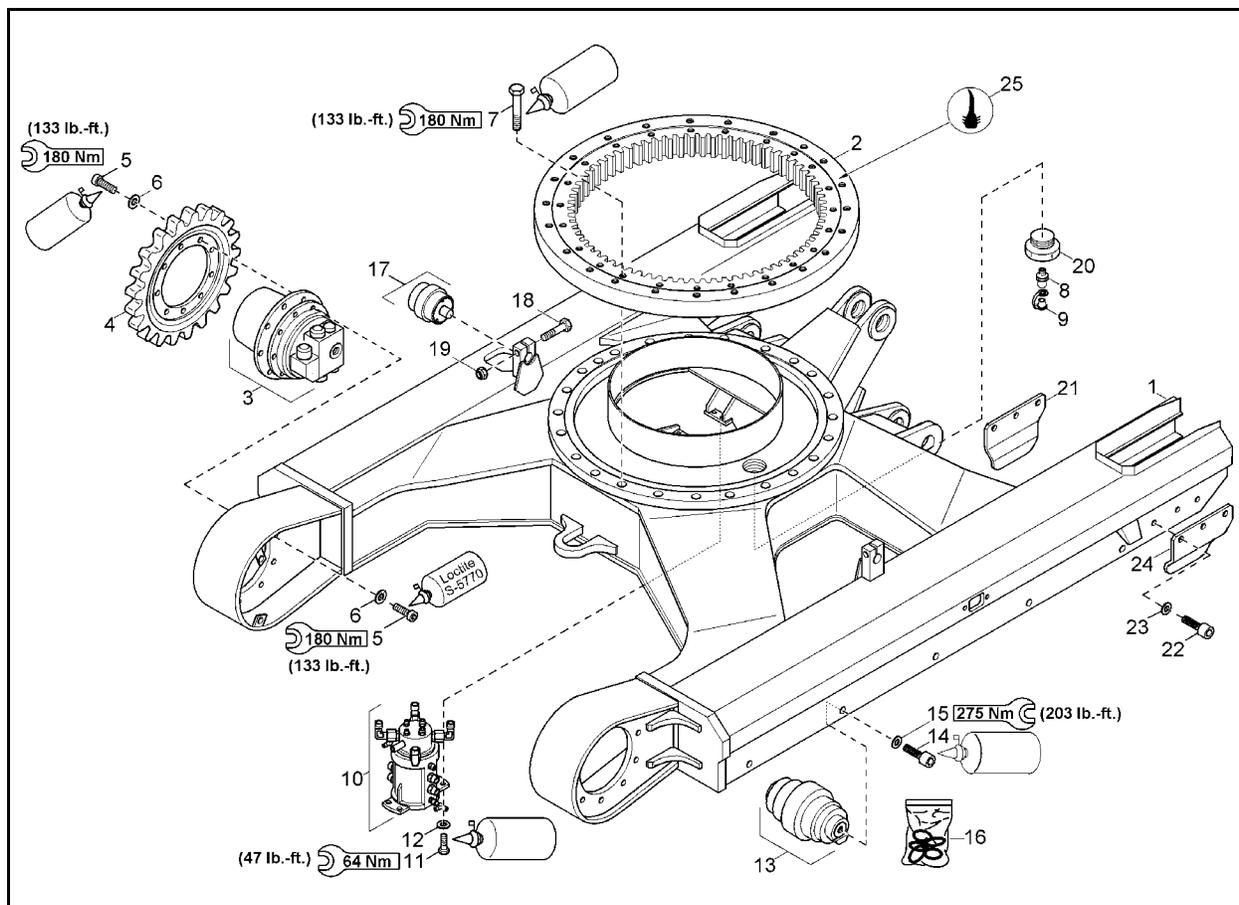
1000115751



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177723	UNDERCARRIAGE	1	11	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
2	177861	SLEWING RING	1	12	163641	WASHER	4
3	177709	DRIVE MOTOR COMPLETE See page 57 for individual components	2	13	179166	BOTTOM ROLLER COMPLETE	8
4	160978	SPROCKET	2	14	179776	SCREW	16
5	651490	SHCS M14-1.5 X 40 10.9 ZO	36	15	161637	WASHER/NORD-LOCK NL 16	16
6	164920	LOCKWASHER	36	16	179168	SEAL KIT	8
7	162485	SCREW	24	17	177719	TOP ROLLER	2
8	161412	GREASE ZERK	1	18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
9	161416	CAP	1	19	651451	HLN INS M16-2.0 ZO	2
10	179138	SWIVEL JOINT II See page 61 for individual components	1	20	161417	PLUG	1
				21	206811	SEAL (2.8 M)	1

503Z - UNDERCARRIAGE, STEEL TRACK (OPTION)

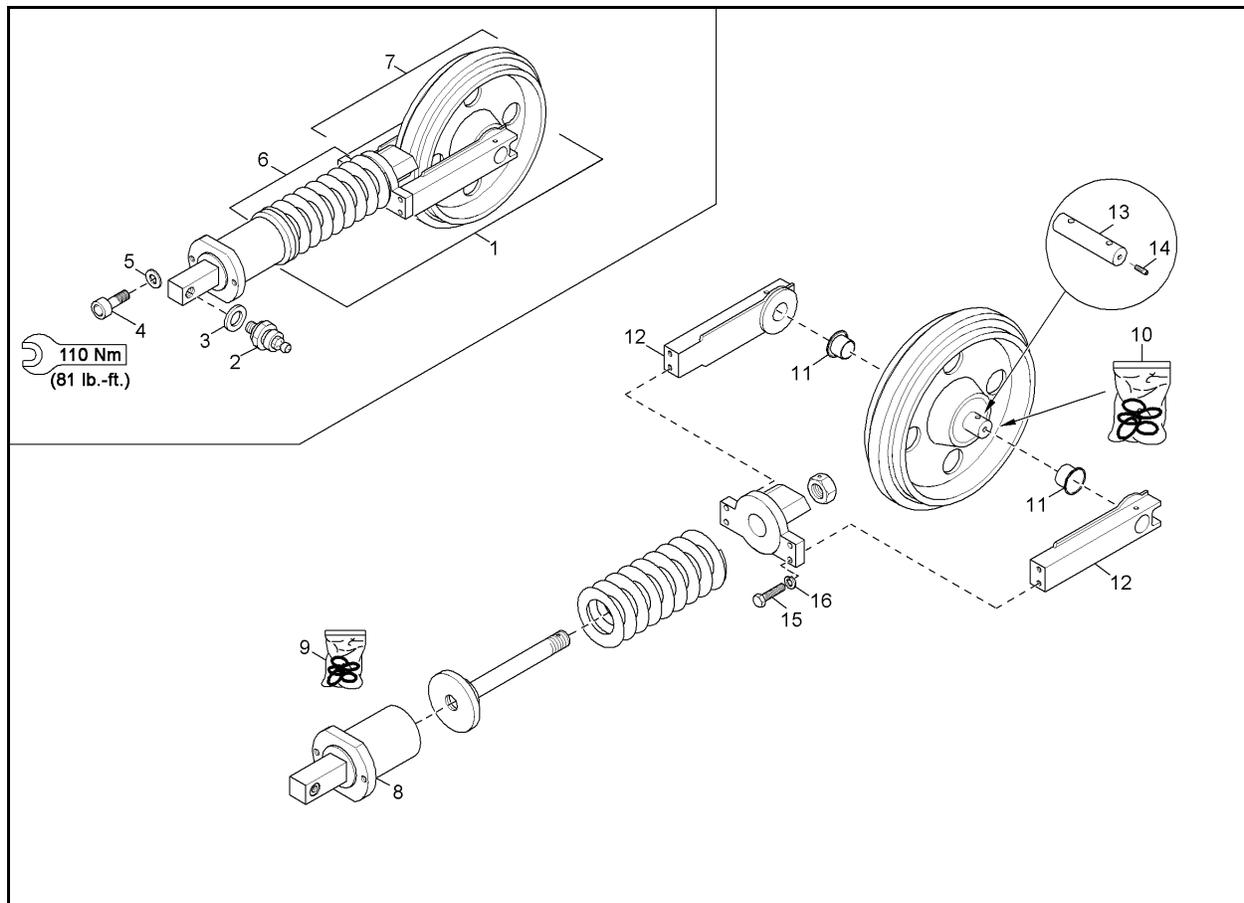
1000115752



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177723	UNDERCARRIAGE	1	13	179166	BOTTOM ROLLER COMPLETE	8
2	177861	SLEWING RING	1	14	179776	SCREW	16
3	177709	DRIVE MOTOR COMPLETE See page 57 for individual components	2	15	161637	WASHER/NORD-LOCK NL 16	16
4	160978	SPROCKET	2	16	179168	SEAL KIT	8
5	651490	SHCS M14-1.5 X 40 10.9 ZO	36	17	177719	TOP ROLLER	1
6	164920	LOCKWASHER	36	18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
7	162485	SCREW	24	19	651451	HLN INS M16-2.0 ZO	2
8	161412	GREASE ZERK	1	20	161417	PLUG	1
9	161416	CAP	1	21	177727	TRACK GUARD	2
10	179138	SWIVEL JOINT II See page 61 for individual components	1	22	651495	SHCS M16-1.5 X 40 10.9 ZO	12
11	651395	CS M10-1.5X30 C10.9 ZY DIN931	4	23	163645	WASHER	12
12	163641	WASHER	4	24	177728	TRACK GUARD	2
				25	206811	SEAL (2.8 M)	1

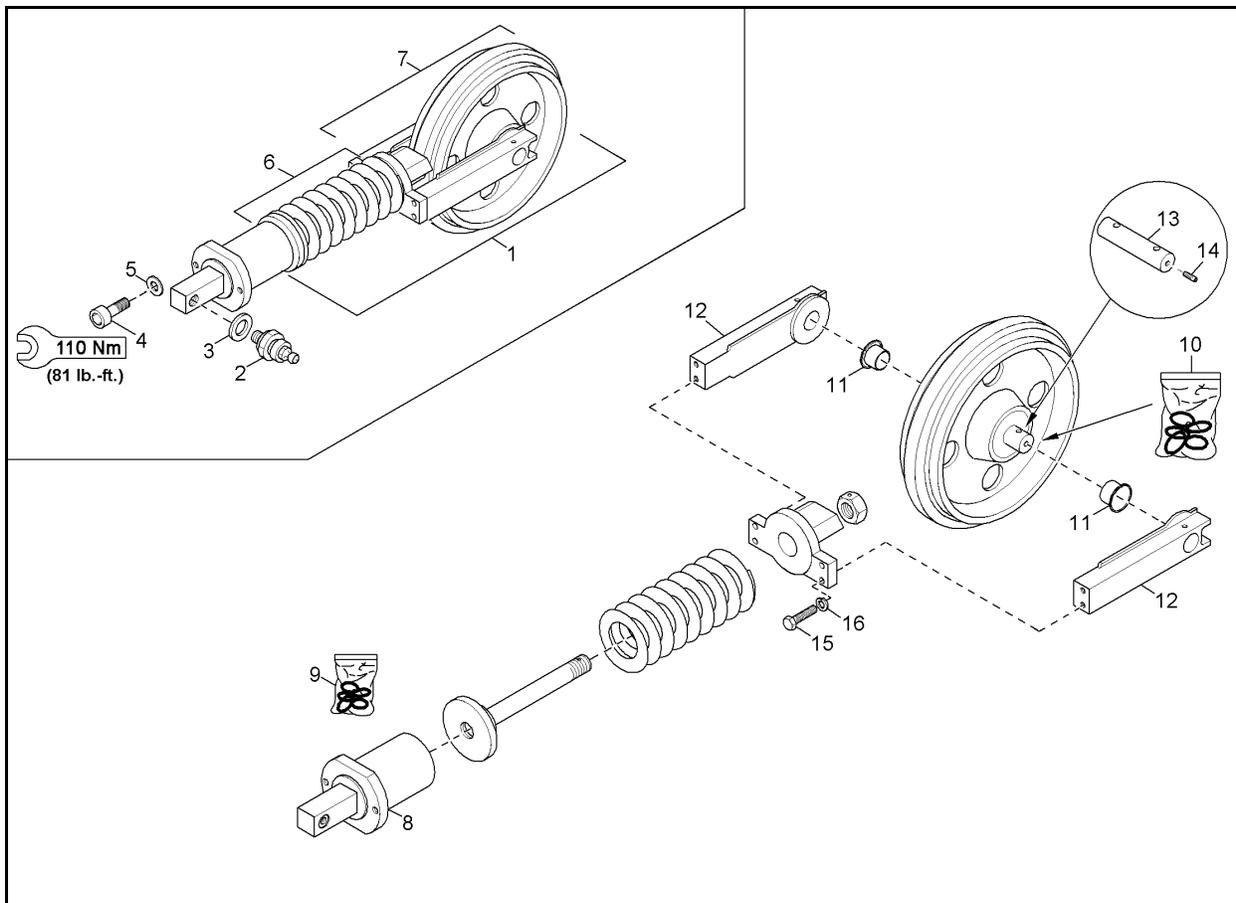
503Z - TRACK TENSIONER, RUBBER TRACK

1000143817 - (SN AC03217 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206422	TRACK TENSIONER COMPLETE	2	9	160945	SEAL KIT	2
2	160638	VALVE	2	10	160983	SEAL KIT	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.75X45 C10.9 ZY DIN912	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160981	SPRINGS	2	14	162750	PLUG	2
7	206423	TENSION ROLLER	2	15	177923	SCREW	8
8	160886	TENSION CYLINDER	2	16	162751	WASHER	8

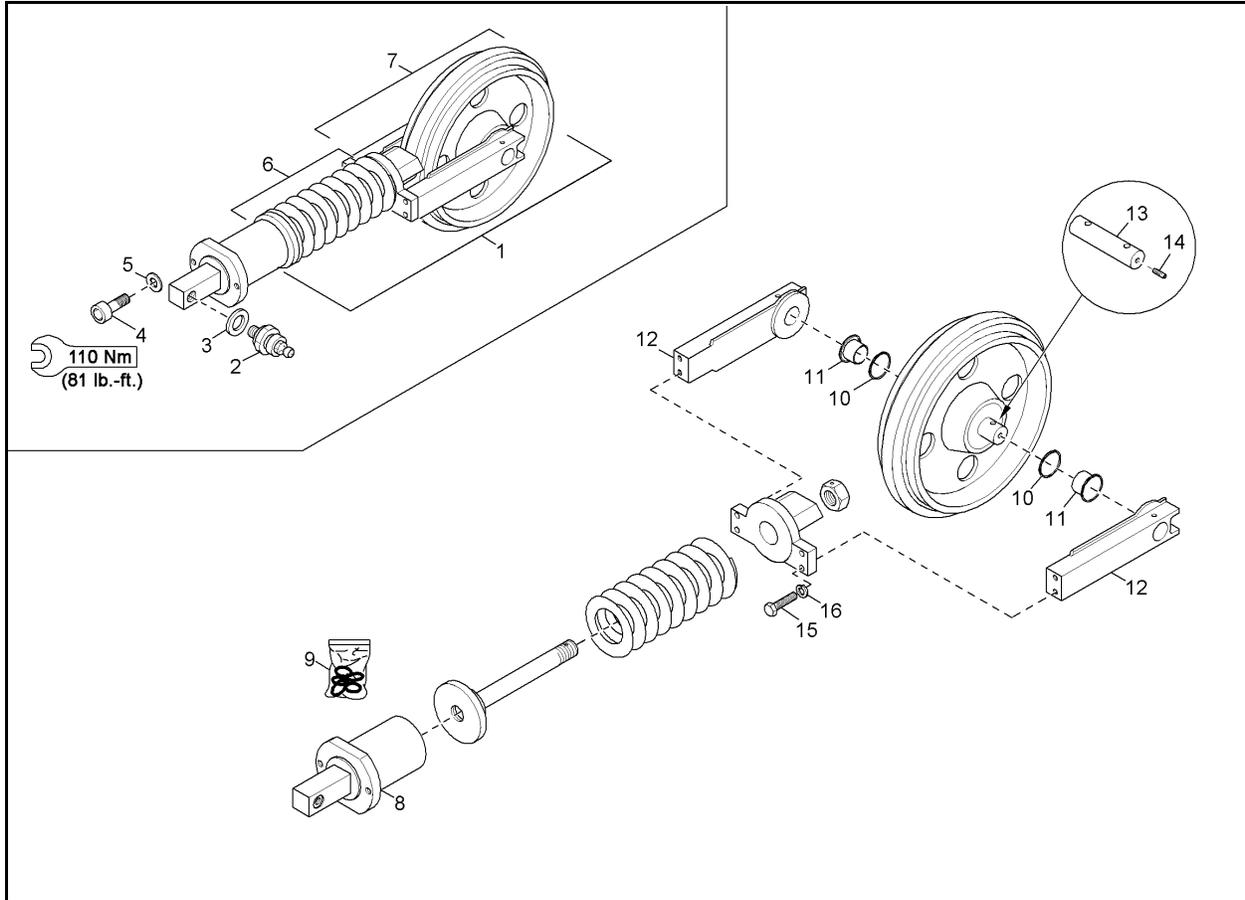
503Z - TRACK TENSIONER, RUBBER TRACK 1000115753 - (SN AC03216 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160979	TRACK TENSIONER COMPLETE	2	9	160945	SEAL KIT	2
2	160638	VALVE	2	10	160983	SEAL KIT	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.7 X 45 10.9 ZO	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160981	SPRINGS	2	14	162750	PLUG	2
7	160980	TENSION ROLLER	2	15	177923	SCREW	8
8	160886	TENSION CYLINDER	2	16	162751	WASHER	8

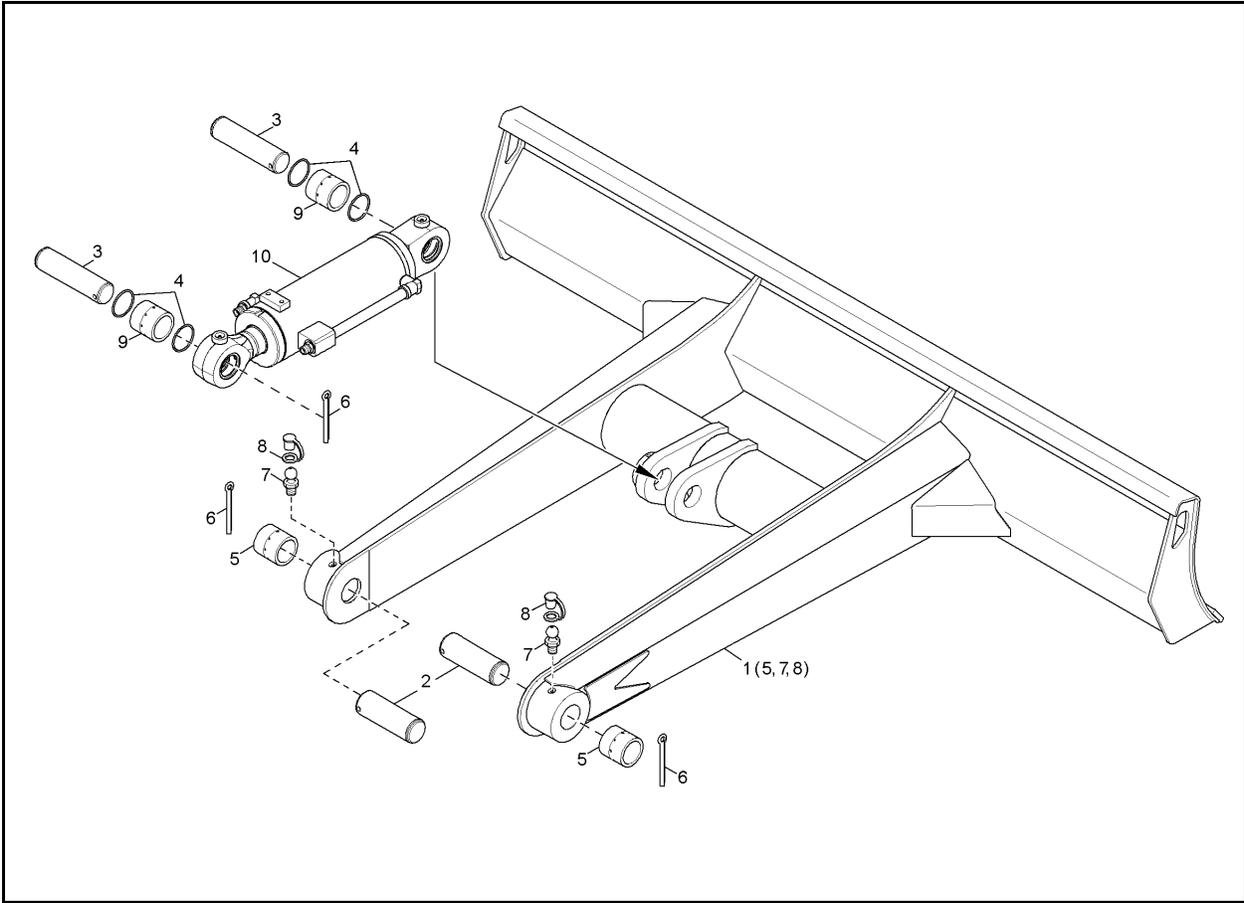
503Z - TRACK TENSIONER, STEEL TRACK (OPTION)

1000115754



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179174	TRACK TENSIONING COMPLETE	2	9	160945	SEAL KIT	2
2	160638	VALVE	2	10	160983	SEAL KIT	2
3	178067	SEALING RING	2	11	162754	BUSHING	4
4	651485	SHCS M12-1.75X45 C10.9 ZY DIN912	4	12	162749	BRACKET	4
5	161643	WASHER/ROUND HI-TENS	4	13	177922	SHAFT	2
6	160416	SPRINGS	2	14	162750	PLUG	2
7	179173	TENSION WHEEL	2	15	177924	SCREW	8
8	160886	TENSION CYLINDER	2	16	162751	WASHER	8

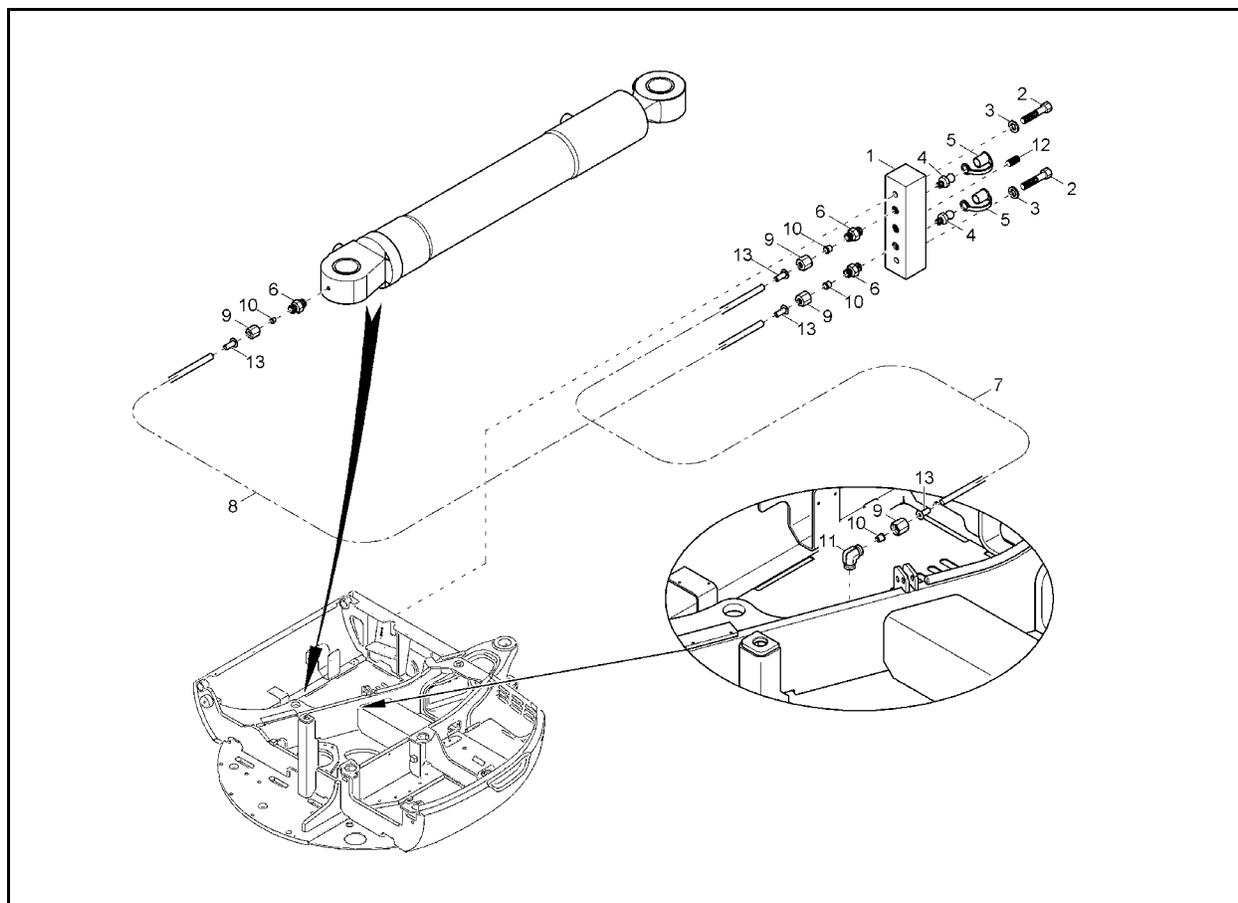
503Z - DOZER BLADE
1000115755



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178112	PRE-ASSEMBLED DOZER BLADE (Includes Ref. Nos. 5, 7 & 8)	1	6	161683	PIN/SPLIT 8 X 80 ZO D94	4
2	177726	PIN	2	7	161412	GREASE ZERK	2
3	177725	PIN	2	8	161422	CAP	2
4	161588	PIN SEAL	4	9	161550	BUSHING	2
5	161532	BUSHING	2	10	160911	DOZER BLADE CYLINDER See page 87 for individual components	1

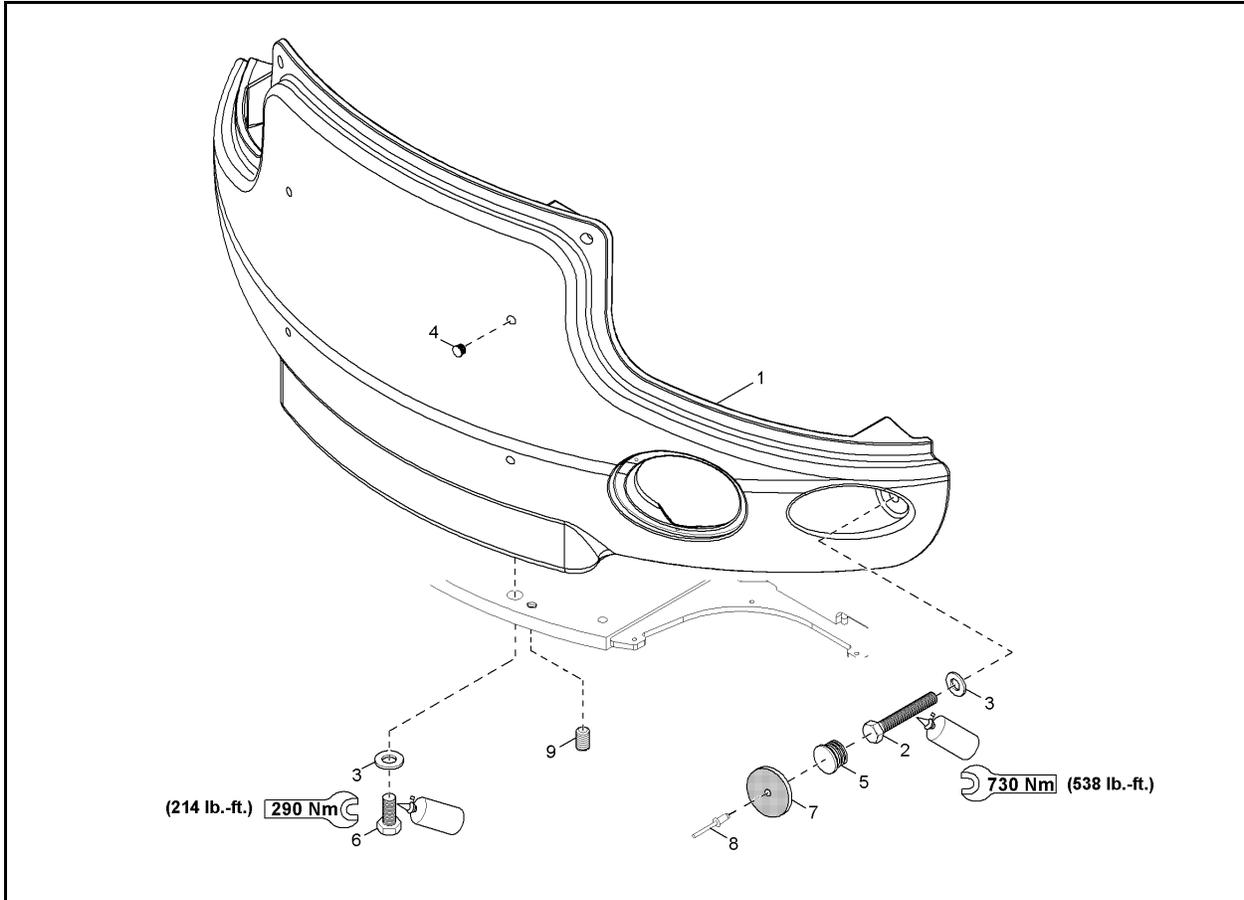
503Z - LUBRICATION

1000180843



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 M6-1X30 C8.8 ZY DIN931	2	9	161468	NUT	4
3	161675	LOCKWASHER S6	2	10	161469	WASHER	4
4	161411	GREASE ZERK	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 (2.0 M)	1				

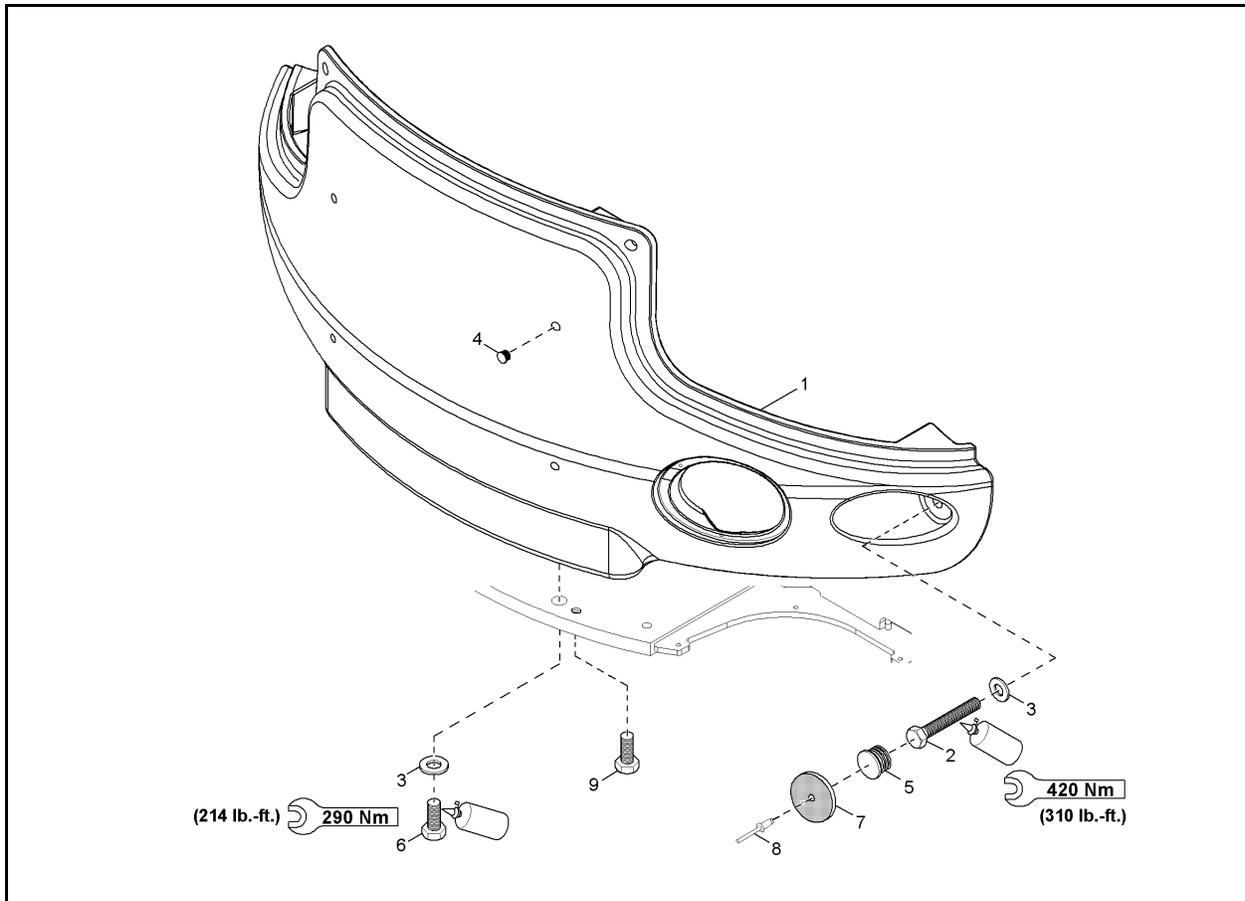
503Z - COUNTERWEIGHT
1000161649 - (SN AD05356 AND UP)



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

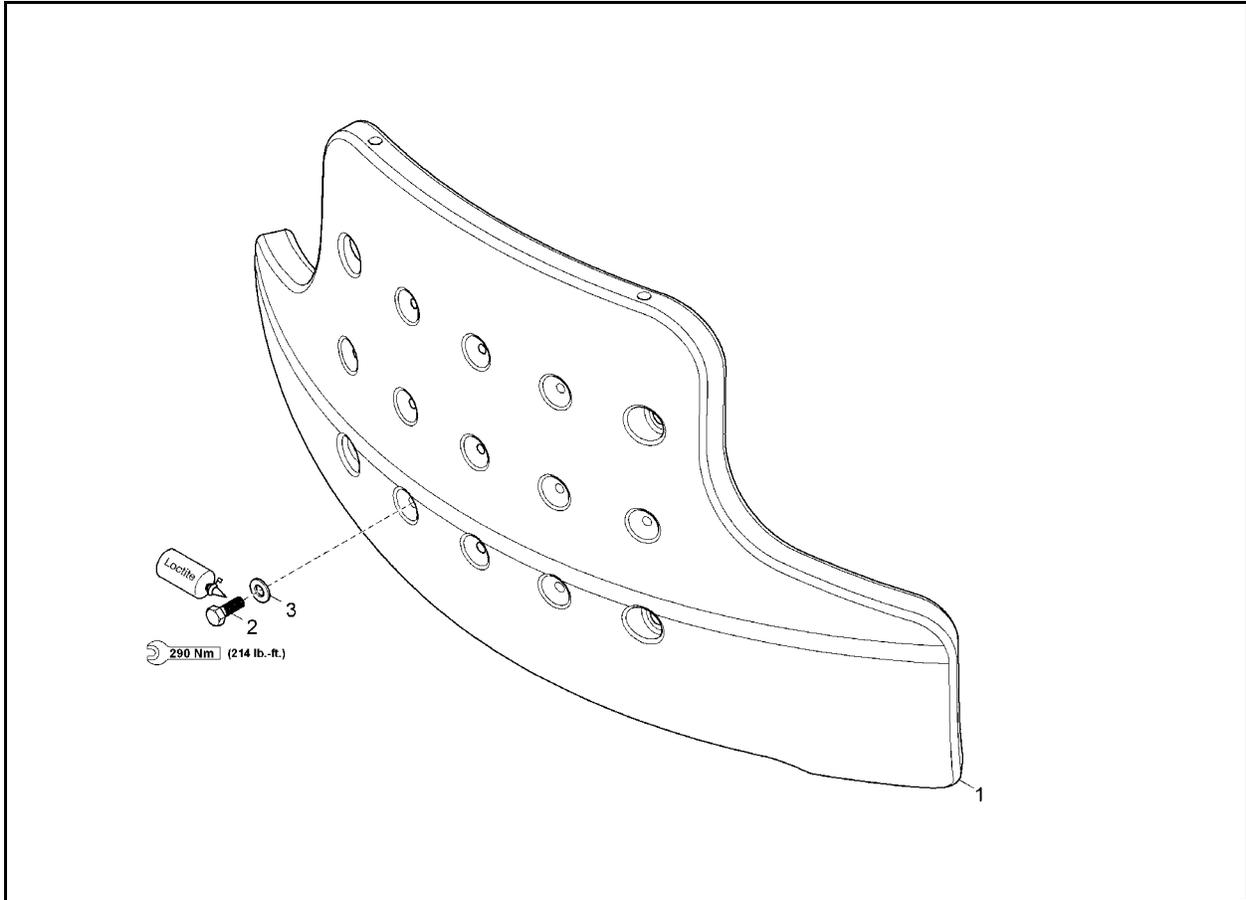
**503Z - COUNTERWEIGHT
1000115759 - (SN AD05355 AND BEFORE)**



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205089	COUNTERWEIGHT REPLACEMENT KIT	1	5	177696	COVER	2
2	177687	HEX SCREW	2	6	656040	CS M20-2.5X70 C8.8 ZY	1
3	161653	WASHER/ROUND HI-TENS 21	3	7	165222	REFLECTOR	2
4	177660	PLUG	4	8	161627	POP RIVET A4 X 12	2
				9	177657	HEX SCREW	1

503Z - COUNTERWEIGHT (OPTION)

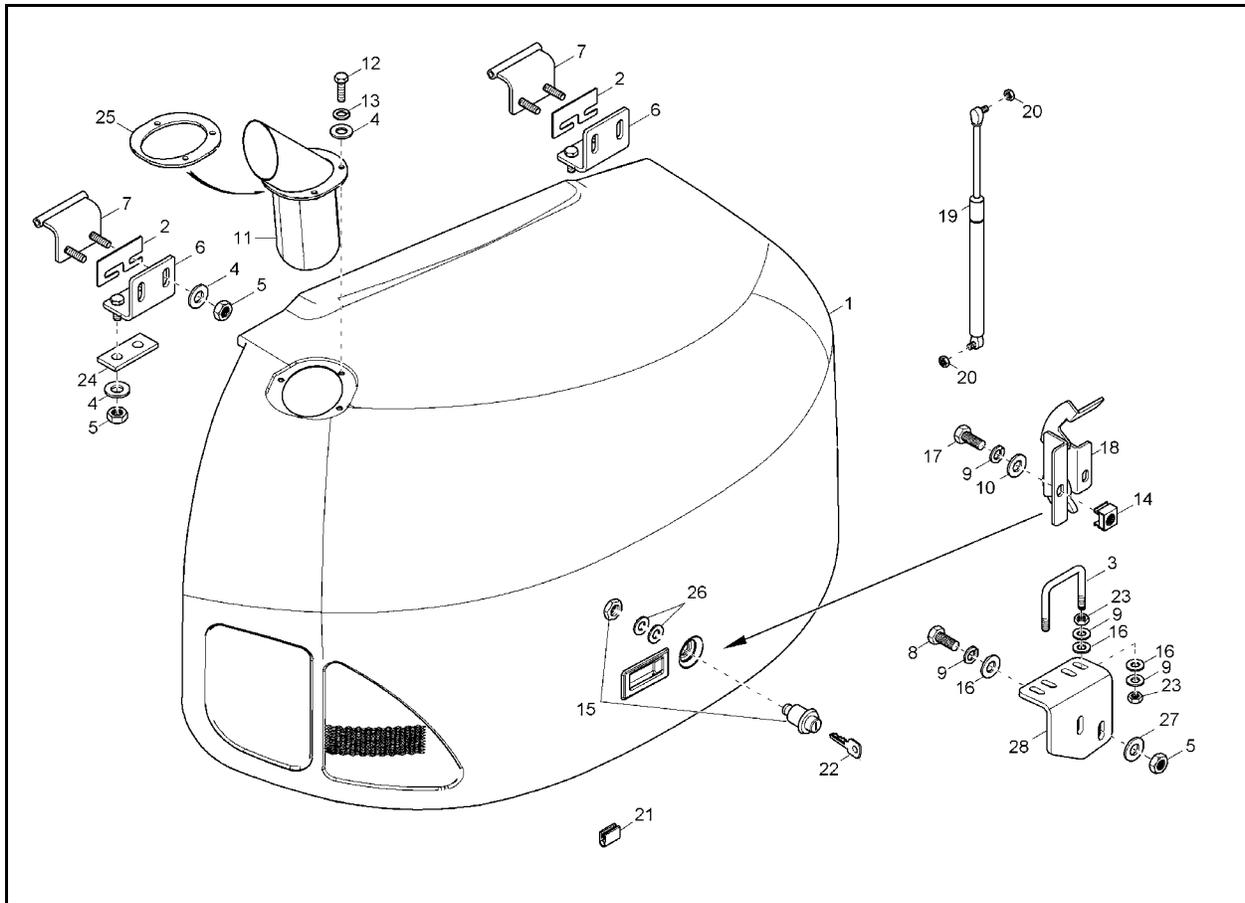
1000117216



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177713	COUNTERWEIGHT	1	3	161653	WASHER/ROUND HI-TENS 21	4
2	656040	CS M20-2.5X70 C8.8 ZY DIN931	4				

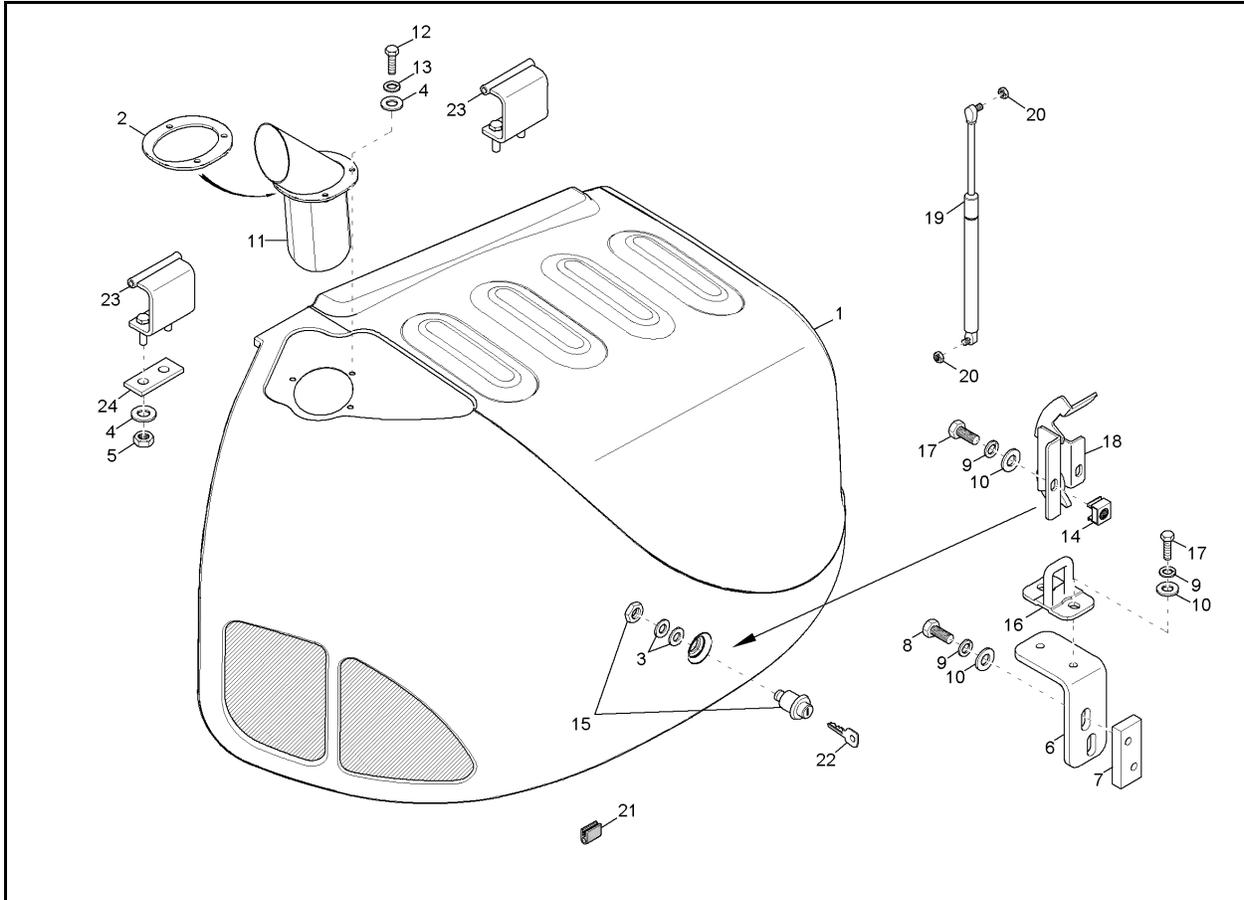
503Z - HOOD

1000180009 - (SNAH00579 AND UP)



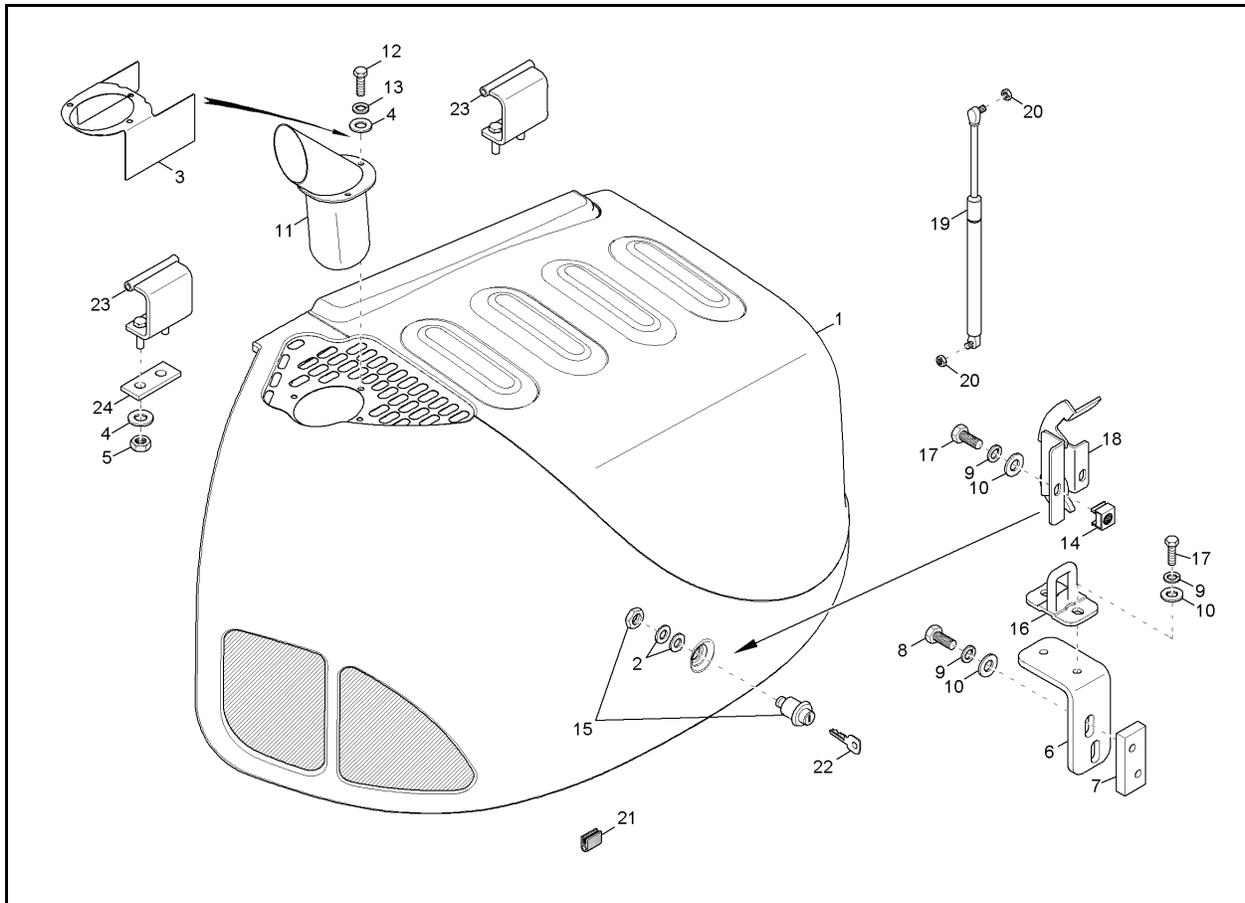
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202526	ENGINE HOOD	1	15	177678	LOCK W/O KEY	1
2	177819	BRACKET	2	16	7462680011	WASHER 8.4 ST A2C	6
3	205777	U-BOLT	1	17	177648	HEX SCREW	2
4	161640	WASHER/GR A 10.5	11	18	204993	HOOD LATCH	1
5	651448	LN INS M10-1.5 C8 ZY DIN6924	10	19	177044	GAS STRUT	1
6	202527	BRACKET	2	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
7	202528	BRACKET	2	21	205400	RUBBER PROFILE (3.50M)	1
8	656105	CS M8-1.25X25 C8.8 ZY DIN931	2	22	101792	KEY	1
9	163670	LOCKWASHER	8	23	656048	HN M8-1.25 C8 ZY DIN934	4
10	163634	WASHER	2	24	177819	BRACKET	1
11	205137	EXHAUST COVER	1	25	205526	ISOLATION MAT	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	26	206877	SPACER	2
13	161669	LOCKWASHER S10	3	27	163642	WASHER	2
14	161615	NUT/CAGE M8	2	28	202529	BRACKET	1

503Z - HOOD
1000155826 - (SN AD04629 - AD07125)



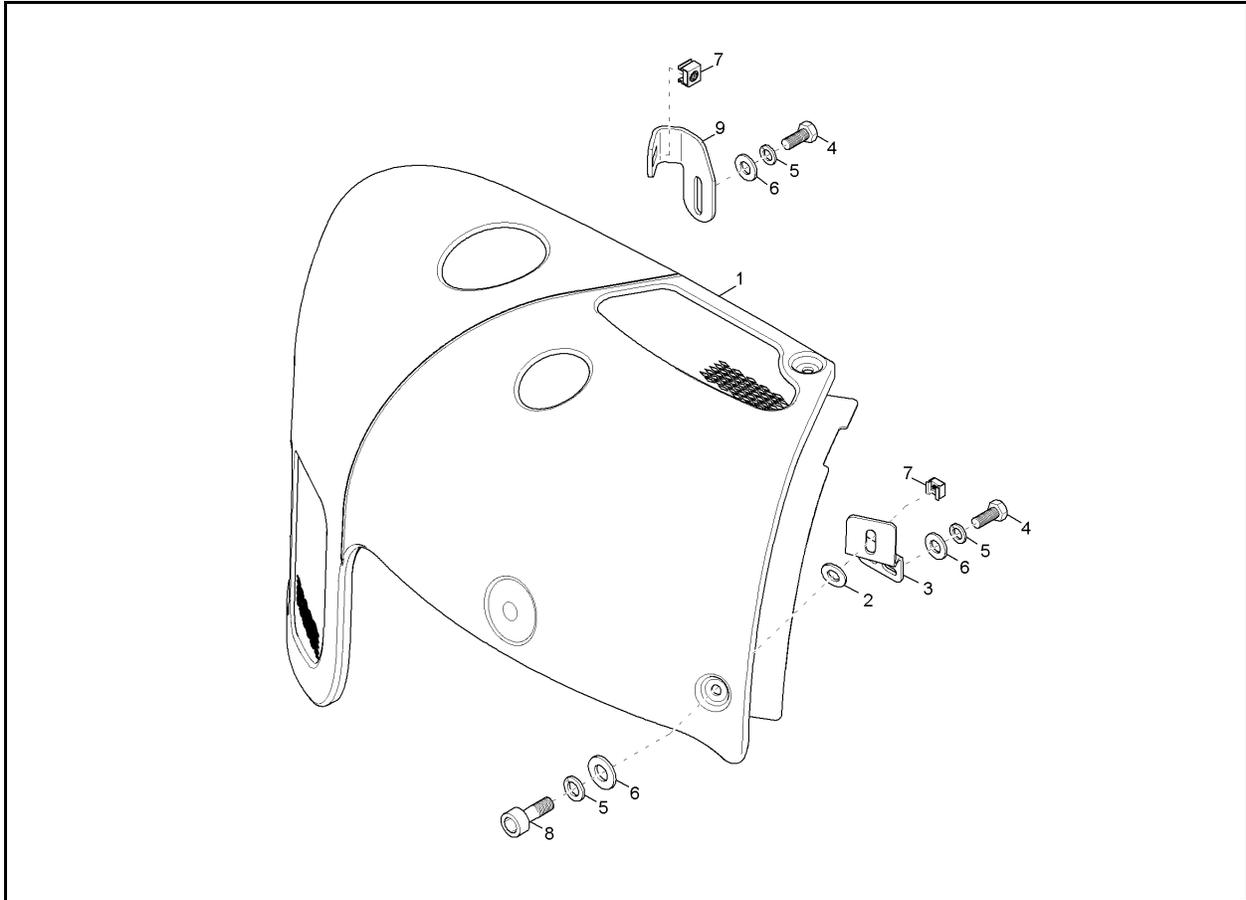
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205522	ENGINE HOOD	1	13	161669	LOCKWASHER S10	3
2	205526	ISOLATION MAT (SN AC02780 and up)	1	14	161615	NUT/CAGE M8	2
3	206877	SPACER	2	15	177678	LOCK (W/O KEY)	1
4	161640	WASHER/GR A 10.5	7	16	177677	LOCKING WEDGE	1
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4	17	177648	HEX SCREW	4
6	177858	ANGLE	1	18	204993	HOOD LATCH	1
7	162716	PLATE	1	19	177044	GAS STRUT	1
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
9	163670	LOCKWASHER	6	21	205400	RUBBER PROFILE (3.50 M)	1
10	163634	FLATWASHER	6	22	101792	KEY	1
11	205137	EXHAUST COVER	1	23	177771	BRACKET	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	24	177819	BRACKET	1

503Z - HOOD
1000116632 - (SN AD04628 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177506	ENGINE HOOD	1	13	161669	LOCKWASHER S10	3
2	206877	SPACER	2	14	161615	NUT/CAGE M8	2
3	206126	BRACKET (SN AC02780 and up)	1	15	177678	LOCK (W/O KEY)	1
4	161640	WASHER/GR A 10.5	7	16	177677	LOCKING WEDGE	1
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4	17	177648	HEX SCREW	4
6	177858	ANGLE	1	18	204993	HOOD LATCH	1
7	162716	PLATE	1	19	177044	GAS STRUT	1
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
9	163670	LOCKWASHER	6	21	205400	RUBBER PROFILE (3.50 M)	1
10	163634	FLATWASHER	6	22	101792	KEY	1
11	177763	EXHAUST COVER	1	23	177771	BRACKET	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	24	177819	BRACKET	1

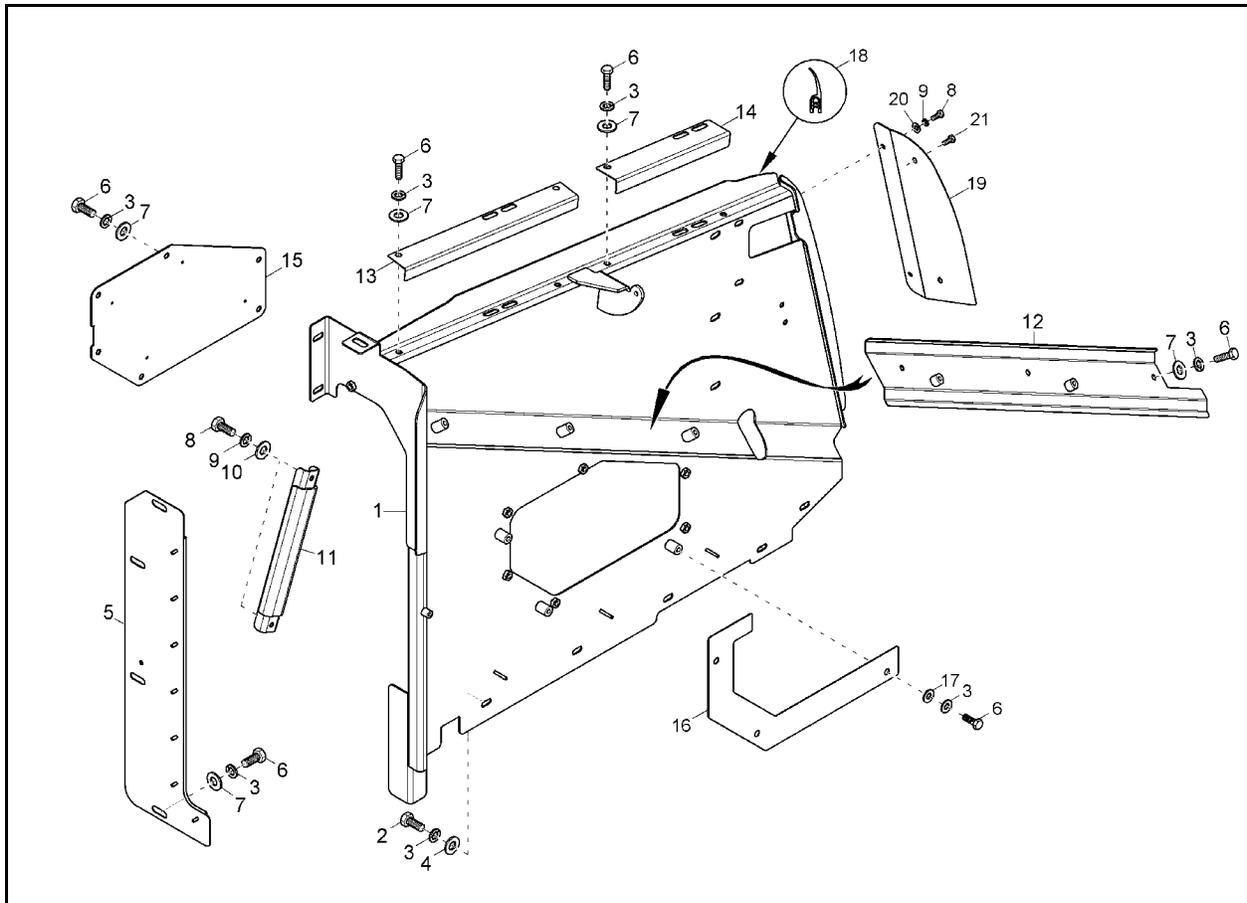
503Z - TANK COVER
1000116501



Ref. No.	Part No.	Description	Qty.
1	205523	TANK COVER	1
2	178967	CORK WASHER	3
3	177785	BRACKET	1
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
5	161669	LOCKWASHER S10	7

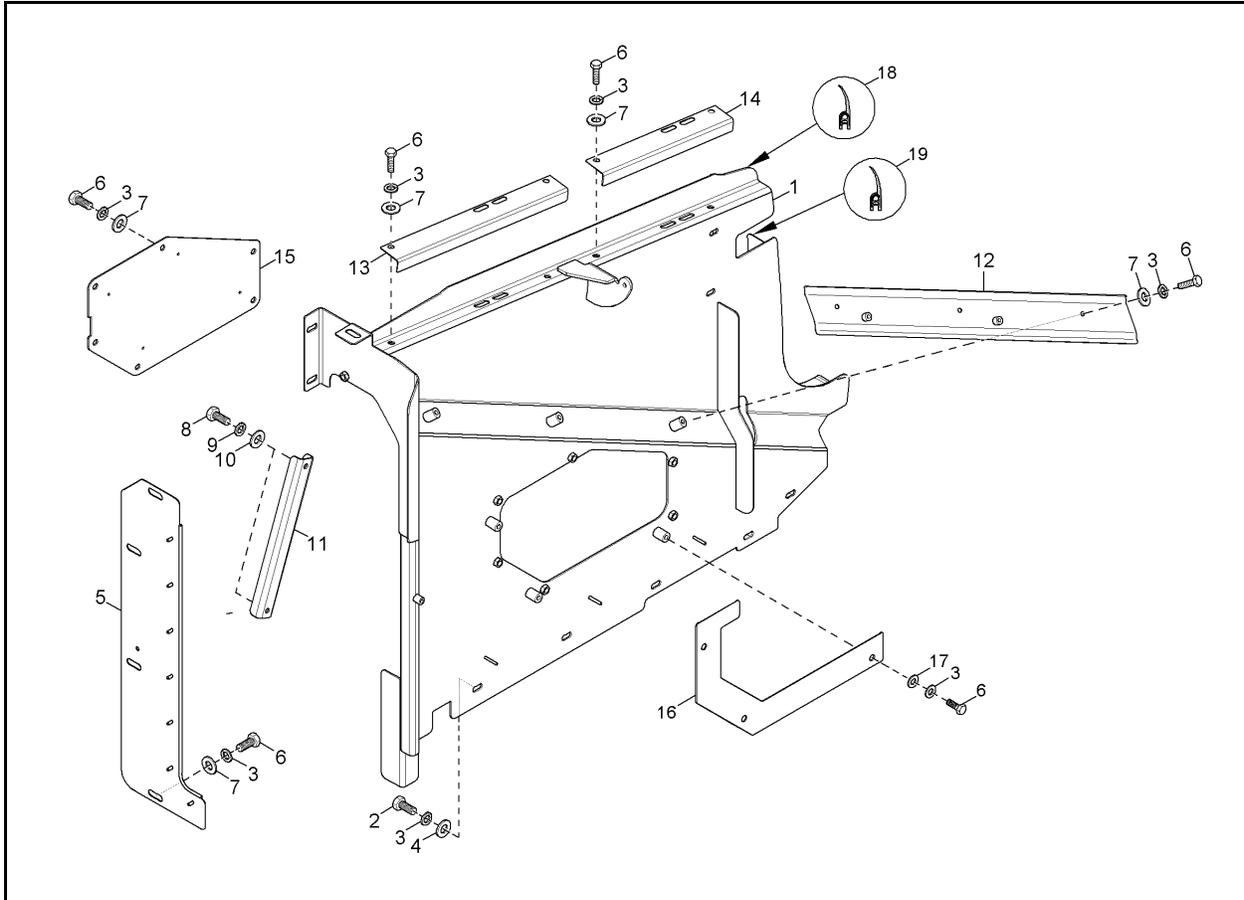
Ref. No.	Part No.	Description	Qty.
6	161663	WASHER/GR A 10.5 ZO	7
7	161610	NUT/CAGE M10	2
8	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	3
9	177784	BRACKET	1

503Z - PARTITION WALL
1000180048 - (SN AH00579 AND UP)



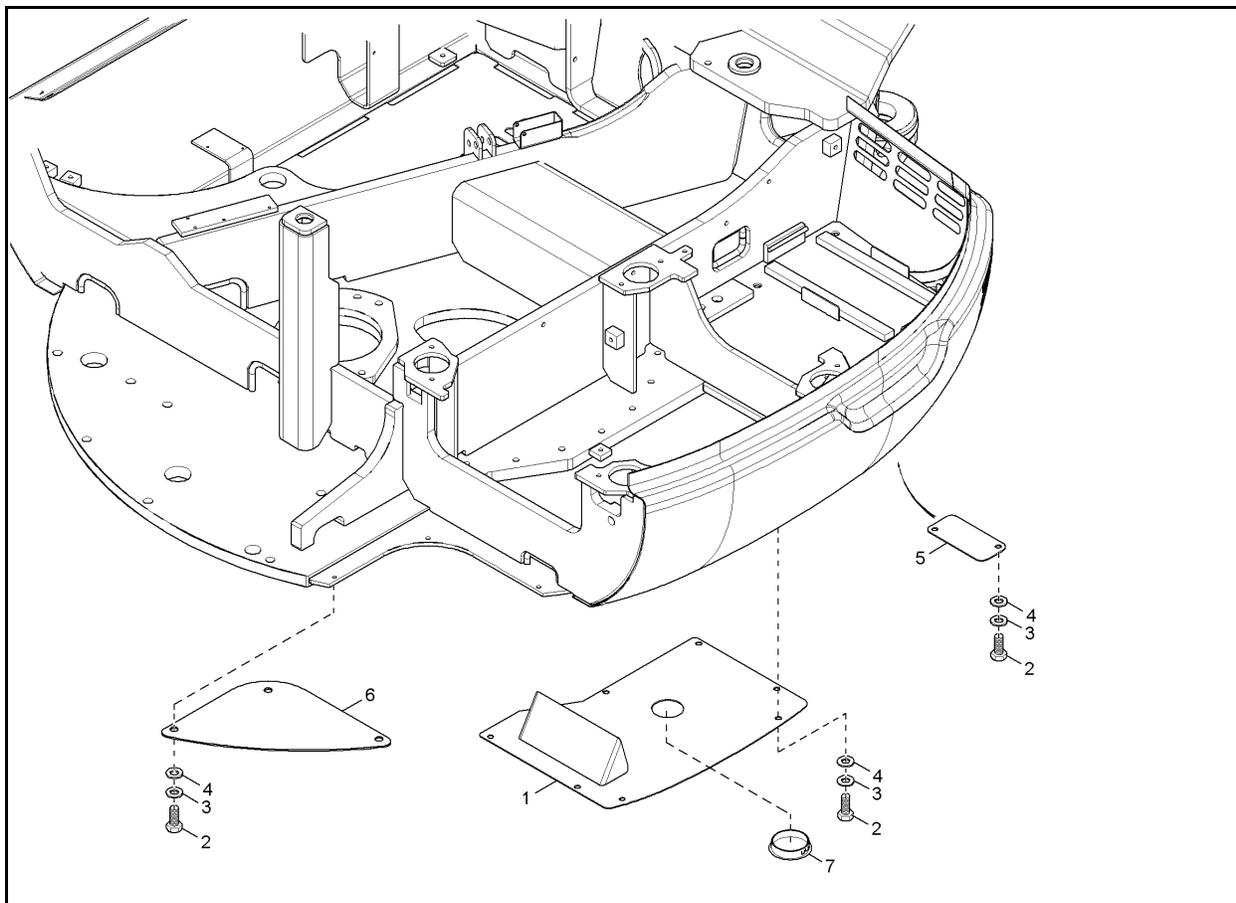
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202530	SEPARATING PLATE	1	12	202531	BRACKET	1
2	651393	CS M10-1.5X25 C8.8 ZY	5	13	177818	BRACKET	1
3	161669	LOCKWASHER S10	25	14	202532	BRACKET	1
4	163642	WASHER	5	15	177823	COVER	1
5	177820	PLATE	1	16	177885	BRACKET	1
6	656006	CS M10-1.5X20 C8.8 ZY DIN931	20	17	161642	WASHER/GR A 13	3
7	161663	WASHER/GR A 10.5 ZO	17	18	207163	RUBBER EXTRUSION (2.0M)	1
8	177648	HEX SCREW	4	19	202533	SHIELD	1
9	163670	LOCKWASHER	4	20	163634	WASHER	2
10	7462680011	WASHER 8.4 ST A2C	2	21	651423	CS M5-0.8X25 C8.8 ZY DIN931	2
11	177815	CLAMP	1				

503Z - PARTITION WALL
1000116105 - (SN AC02471 - AD07125)



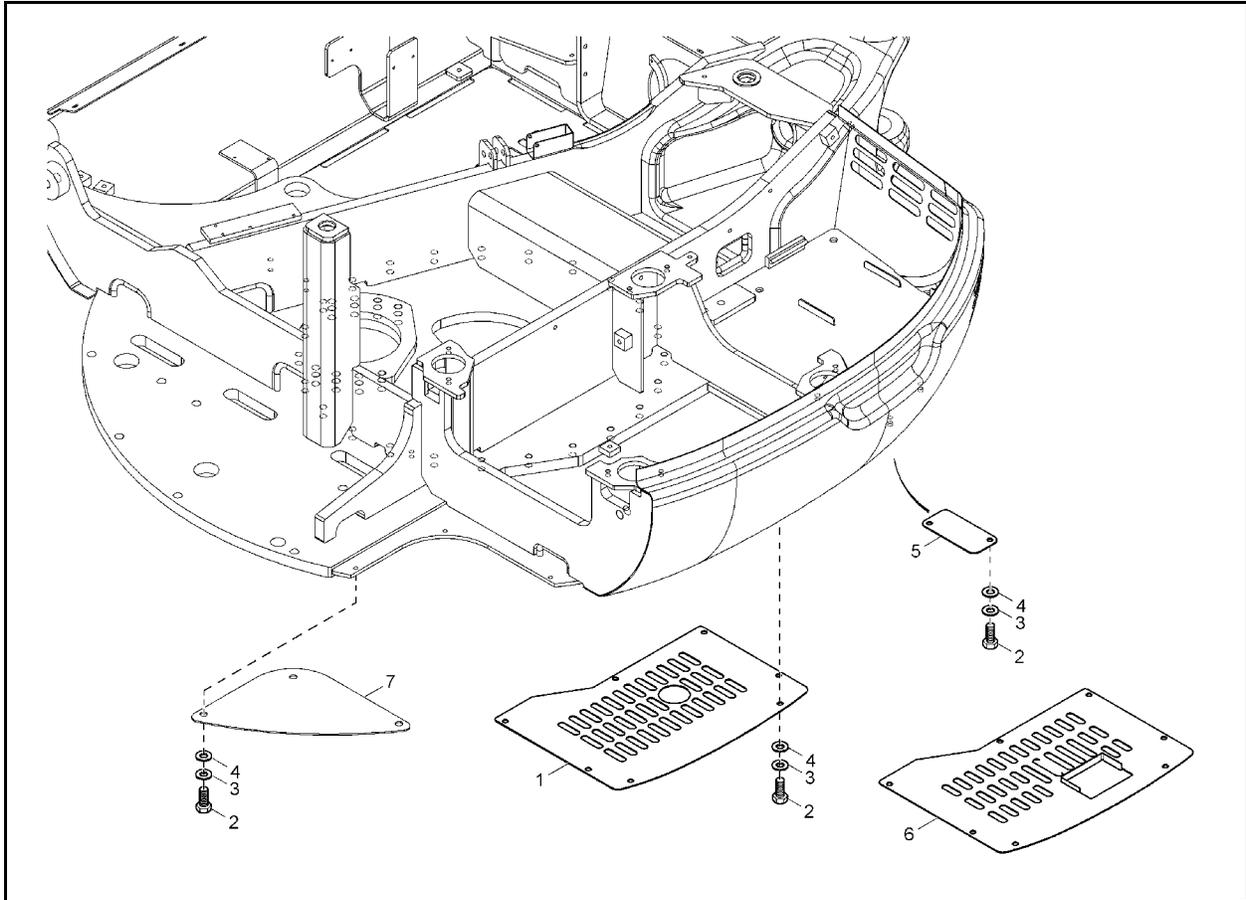
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177772	SEPARATING PLATE	1	11	177815	CLAMP	1
2	651393	CS M10-1.50X25 C8.8 ZO	5	12	177817	BRACKET	1
3	161669	LOCKWASHER S10	25	13	177818	BRACKET	1
4	163642	WASHER	5	14	177859	BRACKET	1
5	177820	PLATE	1	15	177823	COVER	1
6	656006	CS M10-1.5X20 C8.8 ZY DIN931	20	16	177885	BRACKET	1
7	161663	WASHER/GR A 10.5 ZO	17	17	161642	WASHER/GR A 13	3
8	177648	HEX SCREW	2	18	207160	RUBBER PROFILE (1.10 M)	1
9	163670	LOCKWASHER	2	19	207160	RUBBER PROFILE (1.0 M) (SN AD04629 and up)	1
10	7462680011	WASHER 8.4 ST A2C	2				

503Z - CHASSIS COVER
1000156125 - (SN AD04629 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204961	ENGINE COVER	1	5	177937	RADIATOR DRAIN COVER	1
2	656006	CS M10-1.5X20 C8.8 ZY DIN931	9	6	206122	COVER	1
3	161669	LOCKWASHER S10	9	7	205972	PLUG	1
4	161640	WASHER/GR A 10.5	9				

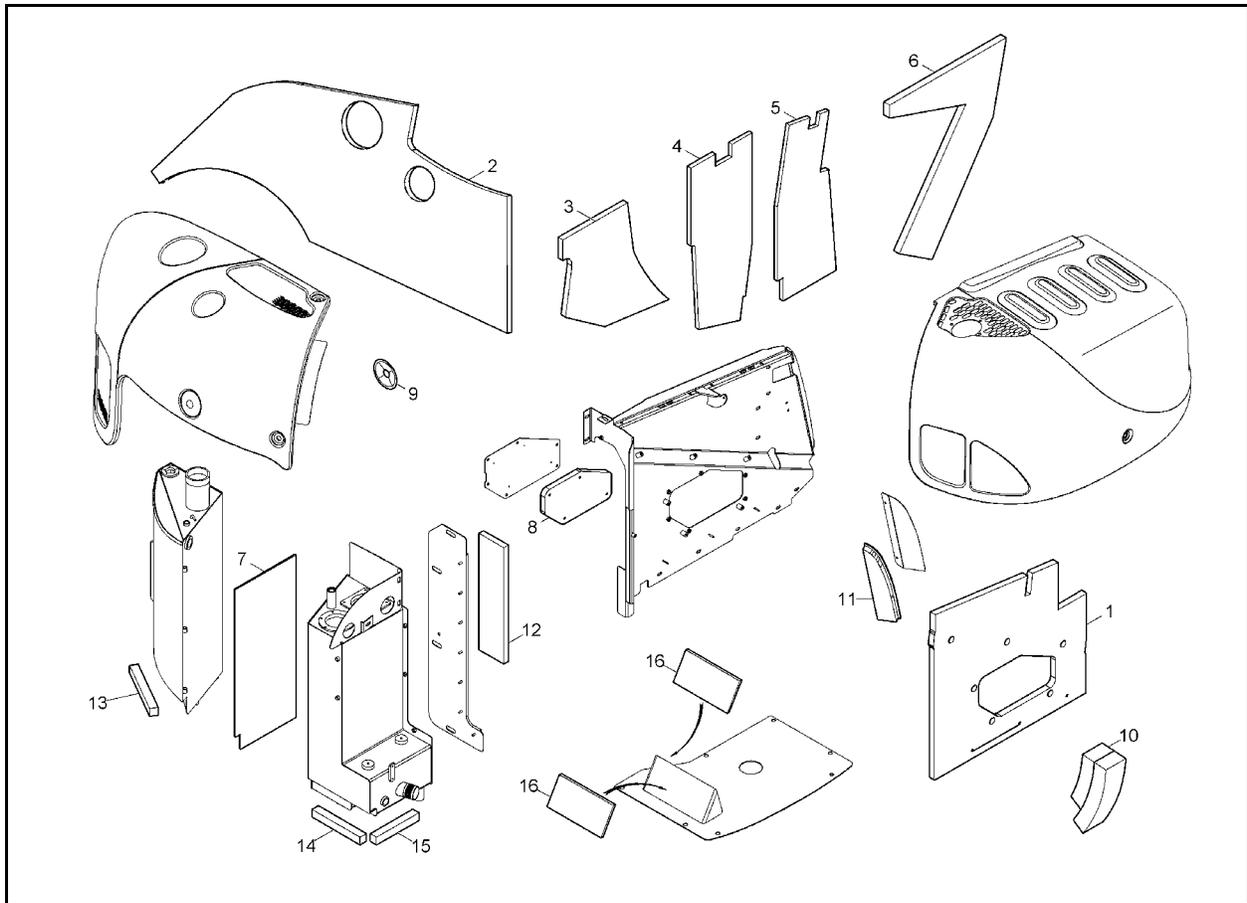
503Z - CHASSIS COVER
1000117678 - (SN AD04628 AND BEFORE)



Ref. No.	Part No.	Description	Qty.
1	177822	ENGINE COVER (SN AC02514 - AD04628)	1
2	656006	CS M10X20	9
3	161669	LOCKWASHER S10	9
4	161640	WASHER/GR A 10.5	9

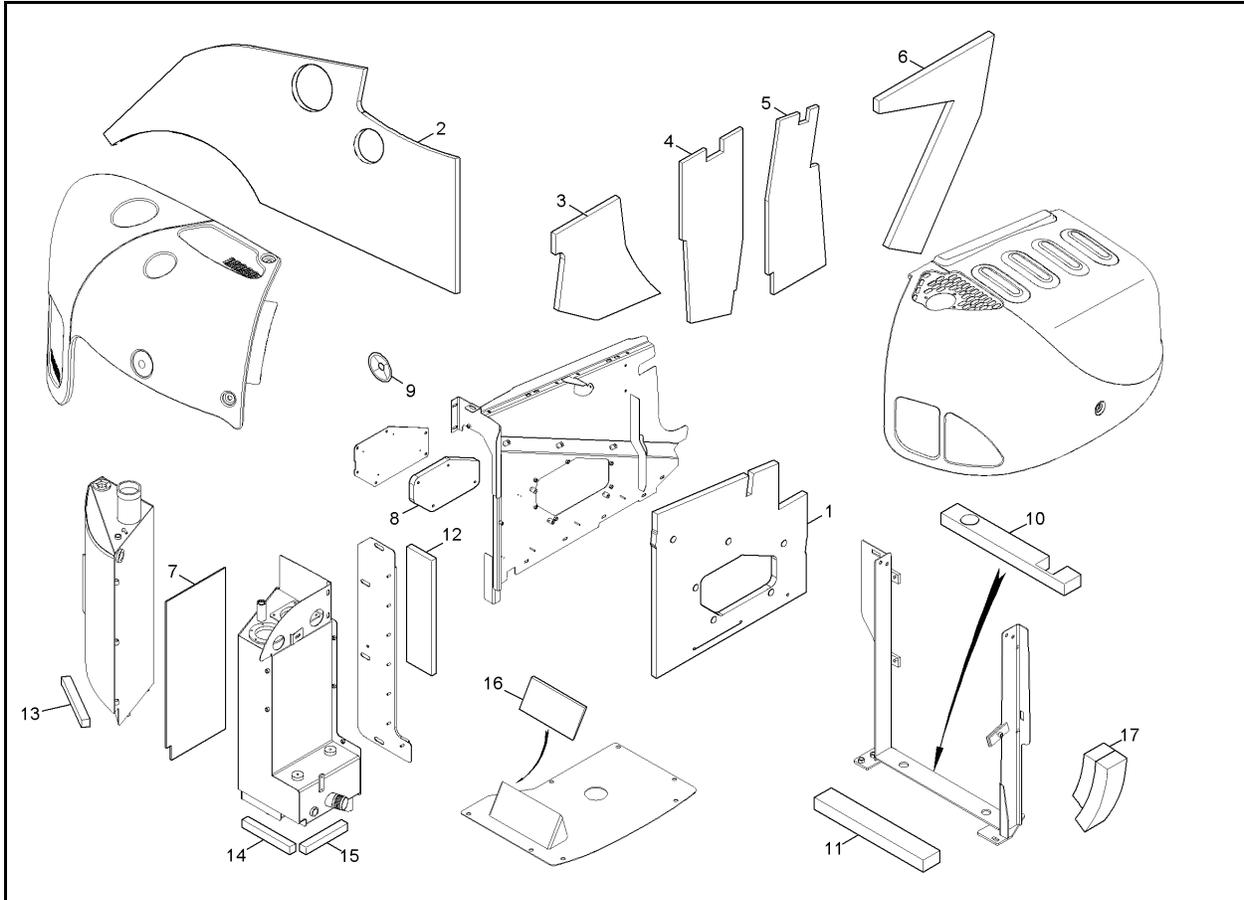
Ref. No.	Part No.	Description	Qty.
5	177937	RADIATOR DRAIN COVER	1
6	206424	ENGINE COVER (SN AC02513 and before)	1
7	206122	COVER	1

503Z - ISOLATION MATS
1000180044 - (SN AH00579 AND UP)



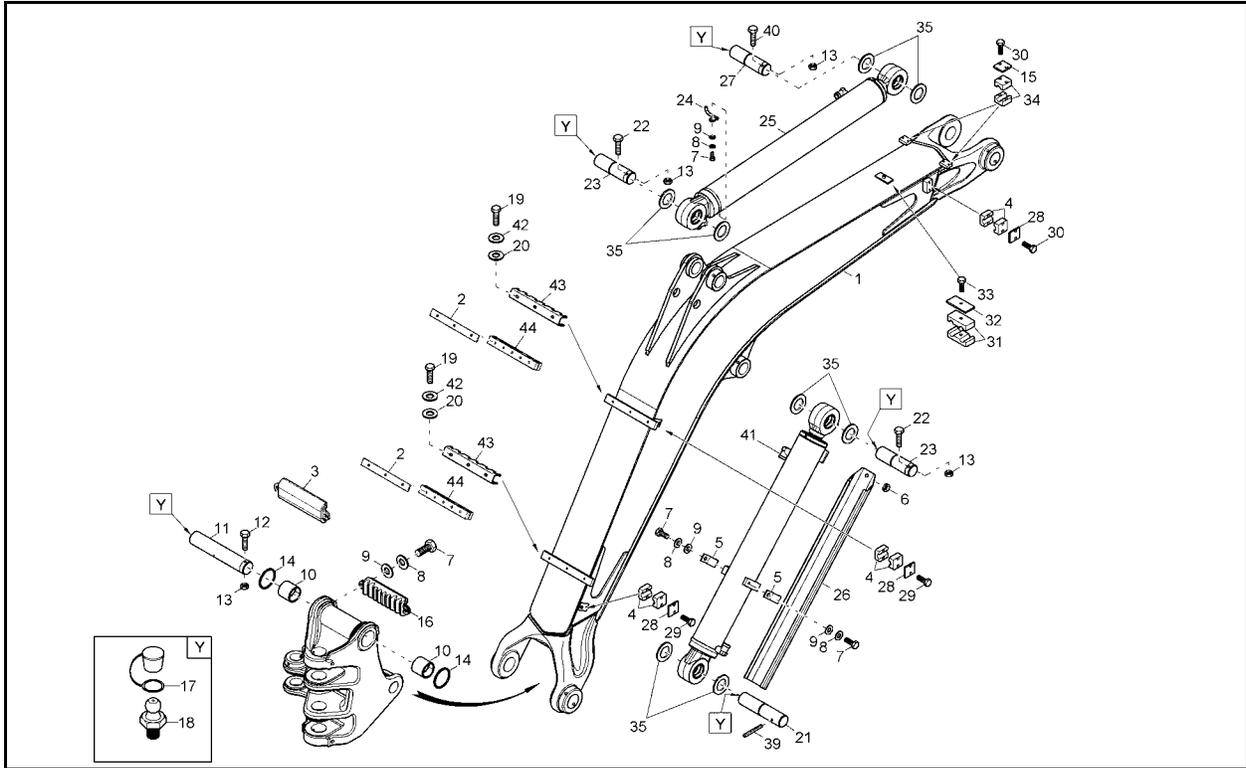
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202534	ISOLATION MAT	1	9	177934	CLAMP	60
2	177889	ISOLATION MAT	1	10	204960	ISOLATION MAT (CANOPY)	1
3	177906	ISOLATION MAT	1	11	202535	ISOLATION MAT	1
4	177907	ISOLATION MAT	1	12	177970	ISOLATION MAT	1
5	177890	ISOLATION MAT	1	13	205496	ISOLATION MAT	1
6	177891	ISOLATION MAT	1	14	205497	ISOLATION MAT	1
7	177892	ISOLATION MAT/OIL TANK	1	15	205495	ISOLATION MAT	1
8	177908	ISOLATION MAT	1	16	204959	ISOLATION MAT	2

503Z - ISOLATION MATS
1000124143 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177888	ISOLATION MAT	1	11	177967	ISOLATION MAT/RADIATOR	1
2	177889	ISOLATION MAT	1	12	177970	ISOLATION MAT	1
3	177906	ISOLATION MAT	1	13	205496	ISOLATION MAT (SN AC02780 and up)	1
4	177907	ISOLATION MAT	1	14	205497	ISOLATION MAT (SN AC02780 and up)	1
5	177890	ISOLATION MAT	1	15	205495	ISOLATION MAT (SN AC02780 and up)	1
6	177891	ISOLATION MAT	1	16	204959	ISOLATION MAT (SN AD04629 and up)	1
7	177892	ISOLATION MAT/OIL TANK	1	17	204960	ISOLATION MAT (CANOPY)	1
8	177908	ISOLATION MAT	1				
9	177934	COATING CLAMP	58				
10	177966	ISOLATION MAT/RADIATOR	1				

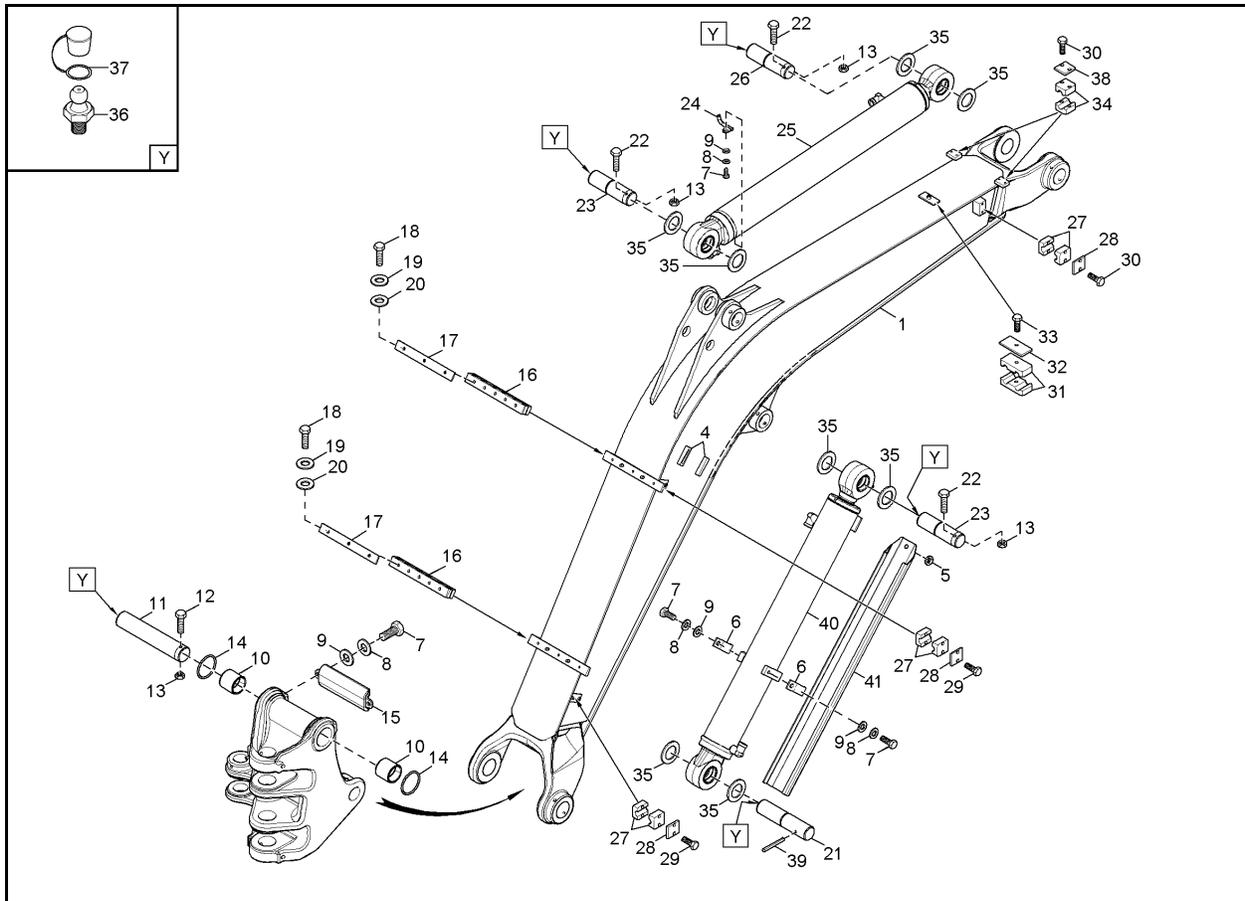
503Z - BOOM
1000180803 - (SN AC02652 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204962	LIFT ARM (SN AC04073 and before)	1	23	177740	PIN	2
	177737	LIFT ARM (SN AC02651 - AC04072)	1	24	177900	BRACKET HOSE	1
2	177755	COVER PLATE (SN AC03552 and before)	2	25	177886	DIPPER ARM CYLINDER See page 81 for individual components	1
3	177764	CLAMP (SN AC03562 and before)	1	26	177753	PROTECTING RAIL	1
4	179857	CLAMP - 1 SIDE	6	27	204964	PIN	1
5	163376	CLAMP	2	28	162609	COVER	3
6	651457	LN INS M6-1 C8 ZY DIN6924	1	29	179761	SCREW	4
7	656006	CS M10-1.5X20 C8.8 ZY DIN931	5	30	165946	SCREW	6
8	161669	LOCKWASHER S10	5	31	177692	CLAMP BODY	2
9	161640	WASHER/GR A 10.5	5	32	162502	COVER	1
10	161531	BUSHING	2	33	651433	HB M8-1.25X 40 C8.8 ZY	1
11	206426	PIN	1	34	161554	TUBE CLAMP	4
12	162870	SCREW	1	35	205509	SHIM - 0.5 MM	AR
13	651458	LN INS M8-1.25 C8 ZY DIN6924	4		205512	SHIM - 1.0 MM	AR
14	162613	PIN SEAL	2		205517	SHIM - 1.5 MM	AR
15	162066	COVER	2		205515	SHIM - 2.0 MM	AR
16	204963	CLAMP (SN AC03563 and before)	1	39	177658	COTTER PIN	1
17	161422	CAP	5	40	651440	HB M8-1.25X90 C8.8 ZY	1
18	161412	GREASE ZERK-9MM HEX HEAD	5	41	204995	BOOM CYLINDER (SN AC04085 and before) See page 78 for individual components	1
19	163024	SCREW (SN AC03553 and up)	6		206015	REPAIR SET - BOOM CYLINDER (SN AC04084 and before) See page 79 for individual components	1
	656004	CS M8-1.25X55 C8.8 ZY DIN931 (SN AC03552 and before)	6	42	163670	LOCKWASHER	6
20	163634	WASHER	6	43	205490	CLAMP (SN AC03552 and up)	2
21	177743	PIN	1	44	177754	PIPE CLAMP (SN AC03553 and before)	2
22	177693	HEXAGON HEAD SCREW	2				

503Z - BOOM

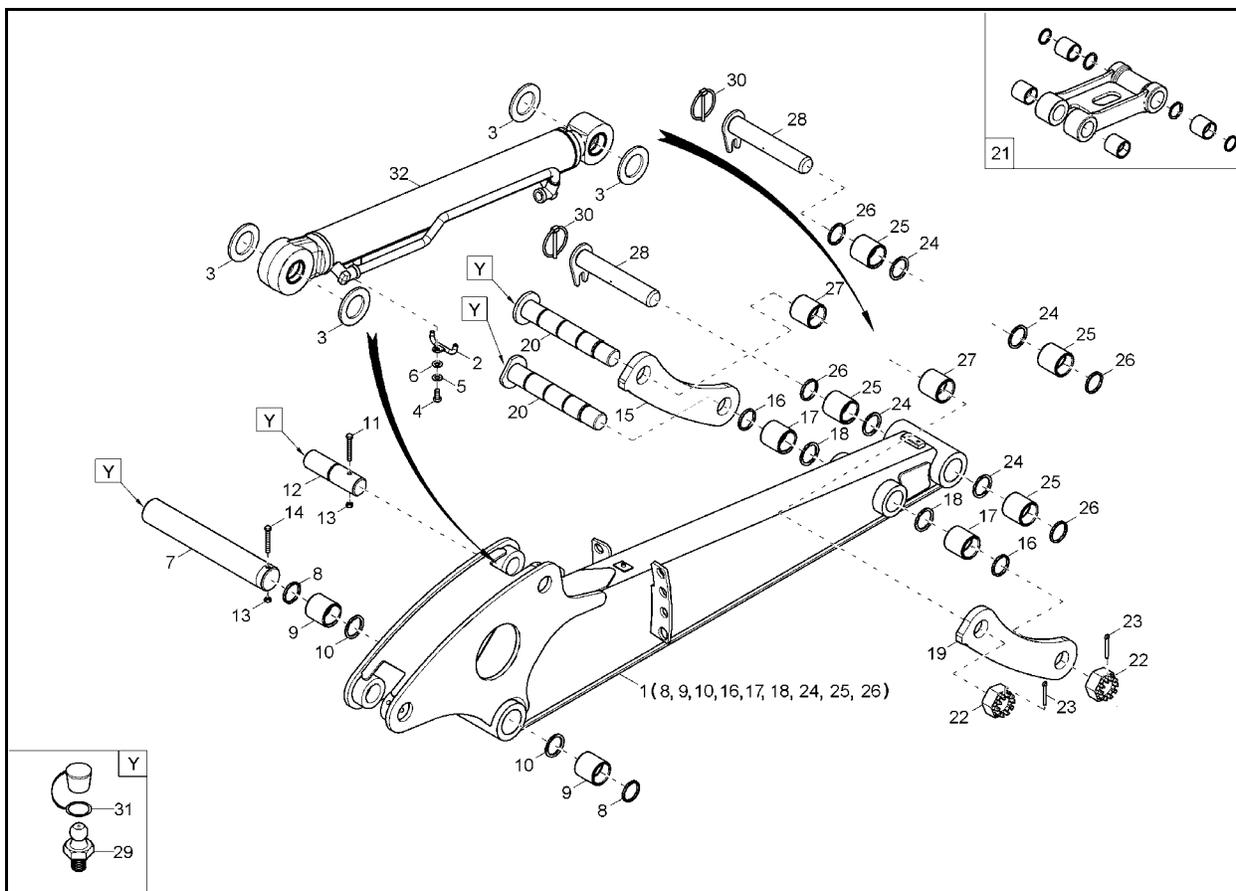
1000116136 - (SN AC02651 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206376	LIFT ARM REPAIR KIT	1	25	177886	DIPPER ARM CYLINDER See page 81 for individual components	1
4	161205	GUIDE	2	26	177744	PIN	1
5	651457	LN INST M6-1.00 C8 ZO	1	27	179857	CLAMP - 1 SIDE	6
6	163376	CLAMP	2	28	162609	COVER	5
7	656006	CS M10-1.5X20 C8.8 ZY DIN931	5	29	179761	SCREW	4
8	161669	LOCKWASHER S10	5	30	165946	SCREW	6
9	161640	WASHER/GR A 10.5	5	31	177692	CLAMP BODY	2
10	161531	BUSHING	2	32	162502	COVER	1
11	177742	PIN	1	33	651433	HB M8-1.25X 40 C8.8 ZY	1
12	162870	SCREW	1	34	161554	TUBE CLAMP	4
13	651458	LN INST M8-1.25 C8 ZO	3	35	206121	SHIM - 0.5 MM	AR
14	162613	PIN SEAL	2		206124	SHIM - 1.0 MM	AR
15	177764	CLAMP	1		206119	SHIM - 1.5 MM	AR
16	177754	PIPE CLAMP	2		206120	SHIM - 2.0 MM	AR
17	177755	COVER PLATE	2	36	161412	GREASE ZERK-9MM HEX HEAD	5
18	656004	CS M8-1.25X55 C8.8 ZY DIN931	6	37	161422	CAP	5
19	163670	LOCKWASHER	6	38	162066	COVER PLATE	2
20	163634	FLATWASHER	6	39	177658	ROLL PIN	1
21	177743	PIN	1	40	206015	REPAIR SET - BOOM CYLINDER See page 79 for individual components	1
22	177693	HEXAGON HEAD SCREW	2	41	177753	PROTECTING RAIL	1
23	177740	PIN	2				
24	177900	BRACKET/HOSE	1				

503Z - DIPPER ARM - SHORT

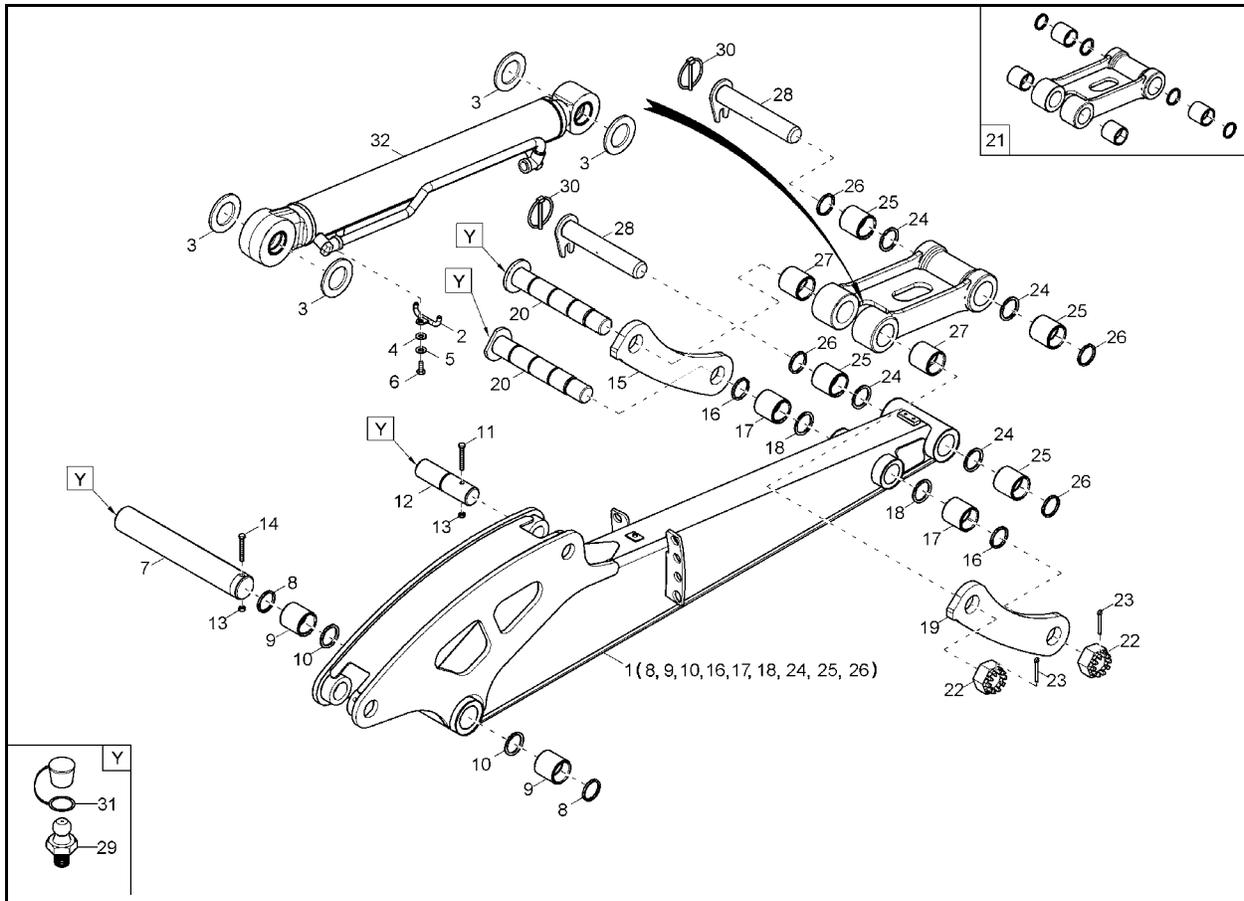
1000180746



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204886	PRE-ASSMBLD DIPPER ARM SHORT (Includes Ref. Nos. 8-10, 16-18 and 24-26). See page 82, ref. 3 for required HP hoses	1	15	177738	PIVOT PLATE	1
2	177899	BRACKET/HOSE	1	16	177746	PIN GASKET	2
3	205509	SHIM - 0.5 MM	AR	17	161542	BUSHING	2
	205512	SHIM - 1.0 MM	AR	18	177920	LOCK RING	2
	205517	SHIM - 1.5 MM	AR	19	177739	PIVOT PLATE	1
	205515	SHIM - 2.0 MM	AR	20	177860	PIN	2
4	656006	CS M10-1.5X20 C8.8 ZY	1	21	178109	PRE-ASSEMBLED CONNECTING LINK (Includes Ref. Nos. 24-27)	1
5	161669	LOCKWASHER S10	1	22	177968	CROWN NUT	2
6	161640	WASHER/GR A 10.5	1	23	161683	PIN/SPLIT 8 X 80 ZO D94	2
7	177741	PIN	1	24	161688	RING SNAP SB60	4
8	161581	SEAL	2	25	161529	BUSHING	4
9	161528	BUSHING	2	26	161588	PIN SEAL	4
10	161409	WASHER	2	27	177714	STEEL BUSHING	2
11	651440	HB M8-1.25X90 C8.8 ZY	1	28	177682	PIN	2
12	204965	PIN (SN AC04073 and up)	1	29	161412	GREASE ZERK-9MM HEX HEAD	4
	177745	PIN (SN AC04072 and before)	1	30	161405	LYNCH PIN	2
13	651458	LN INST M8-1.25 C8 ZO	2	31	161422	CAP	4
14	162870	SCREW	1	32	177750	BUCKET CYLINDER See page 83 for individual components	1

503Z - DIPPER ARM - LONG (OPTION)

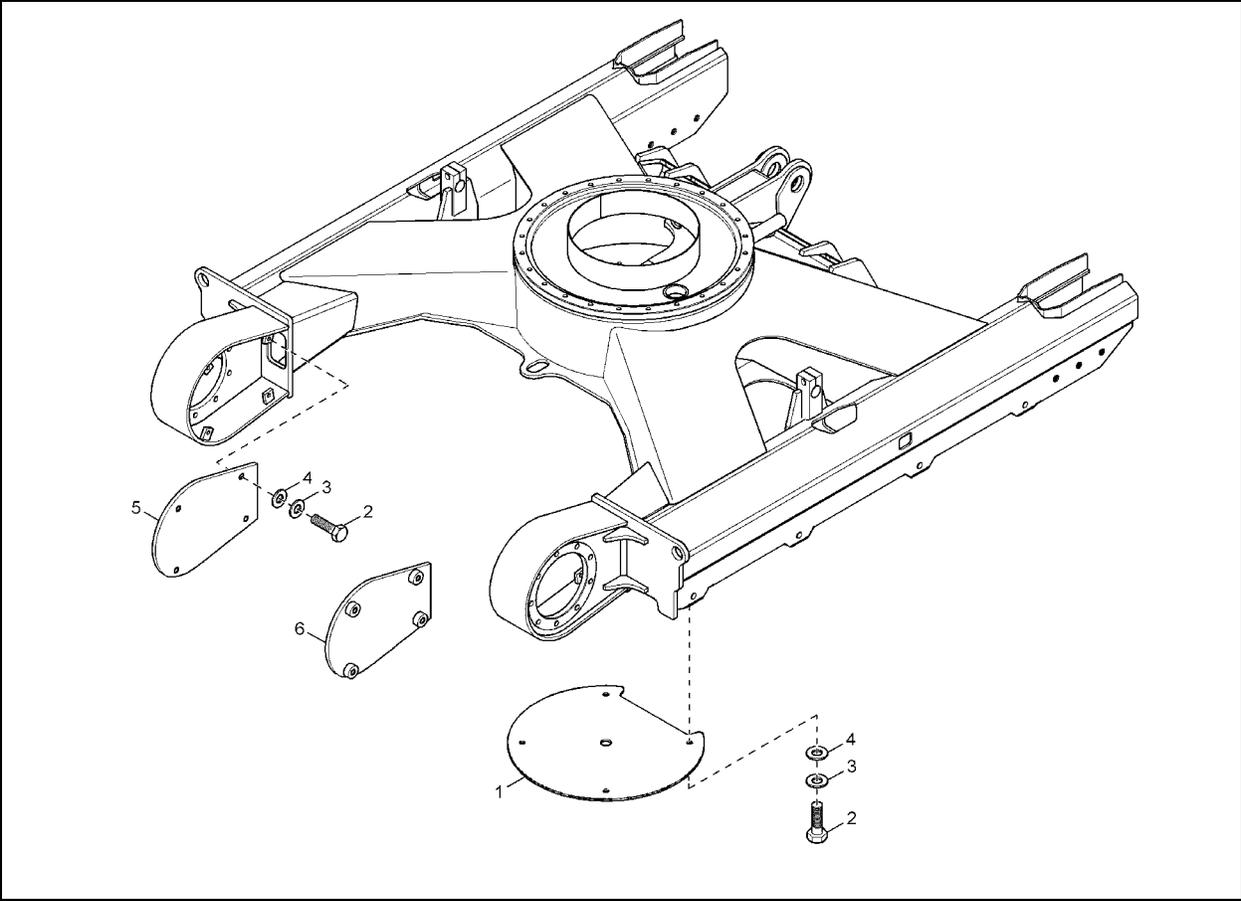
1000180814



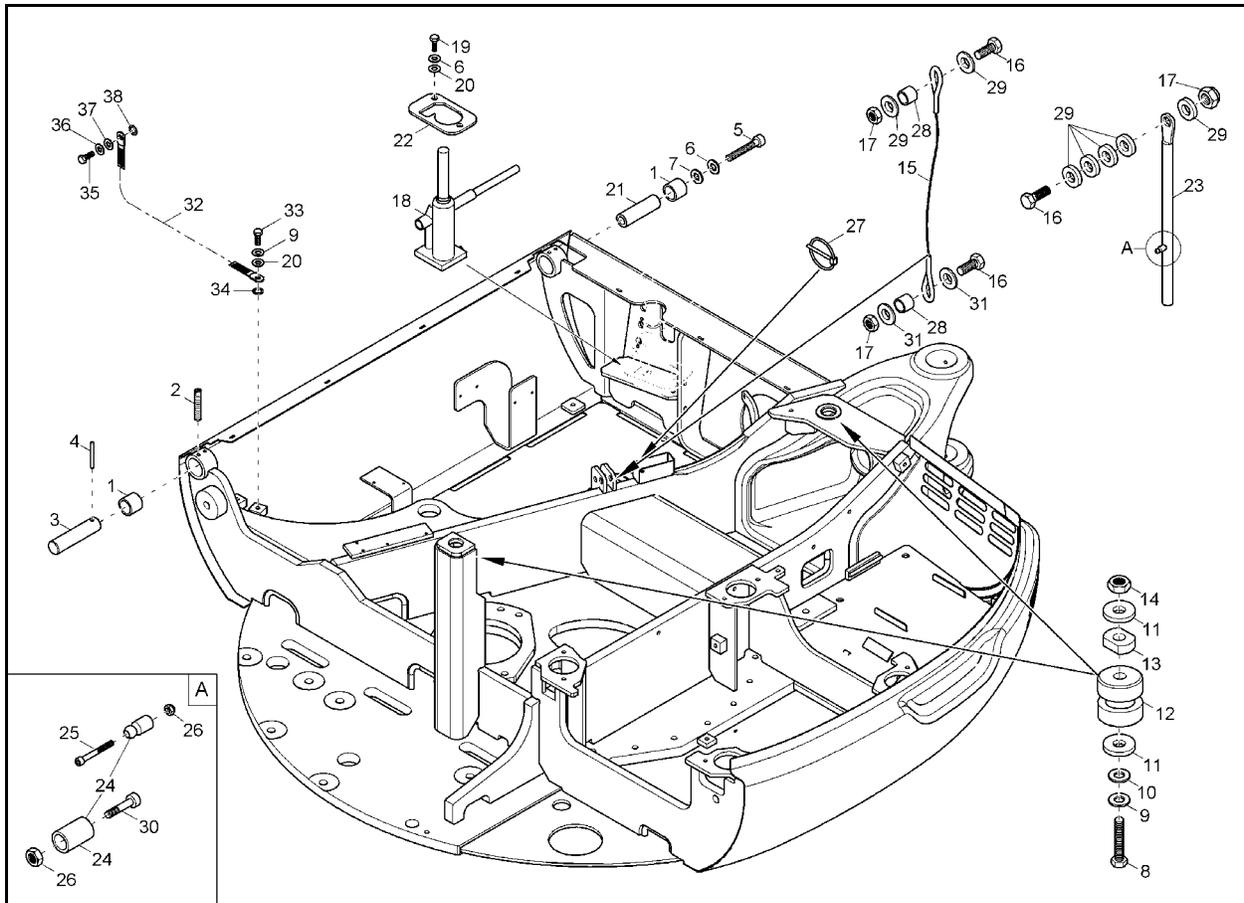
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202536	PRE-ASSMBLD DIPPER ARM LONG (SN AD06214 and up) (Includes Ref. Nos. 8-10, 16-18 and 24-26). See page 82, ref. 3 for required HP hoses	1	14	162870	SCREW	1
	204887	PRE-ASSMBLD DIPPER ARM LONG (SN AD06213 and before) See page 82, ref. 3 for required HP hoses	1	15	177738	PIVOT PLATE	1
2	177899	BRACKET/HOSE	1	16	177746	PIN GASKET	2
3	205509	SHIM - 0.5 MM	AR	17	161542	BUSHING	2
	205512	SHIM - 1.0 MM	AR	18	177920	LOCK RING	2
	205517	SHIM - 1.5 MM	AR	19	177739	PIVOT PLATE	1
	205515	SHIM - 2.0 MM	AR	20	177860	PIN	2
4	656006	CS M10-1.5X20 C8.8 ZY	1	21	178109	PRE-ASSEMBLED CONNECTING LINK (Includes Ref. Nos. 24-27)	1
5	161669	LOCKWASHER S10	1	22	177968	CROWN NUT	2
6	161640	WASHER/GR A 10.5	1	23	161683	PIN/SPLIT 8 X 80 ZO D94	2
7	177741	PIN	1	24	161688	RING SNAP SB60	4
8	161581	SEAL	2	25	161529	BUSHING	4
9	161528	BUSHING	2	26	161588	PIN SEAL	4
10	161409	WASHER	2	27	177714	STEEL BUSHING	2
11	651440	HB M8-1.25X90 C8.8 ZY	1	28	177682	PIN	2
12	204965	PIN (SN AC04073 and up)	1	29	161412	GREASE ZERK-9MM HEX HEAD	4
	177745	PIN (SN AC04072 and before)	1	30	161405	LYNCH PIN	2
13	651458	LN INST M8-1.25 C8 ZO	2	31	161422	CAP	4
				32	177750	BUCKET CYLINDER See page 83 for individual components	1

503Z - UNDERCARRIAGE COVER

1000117867



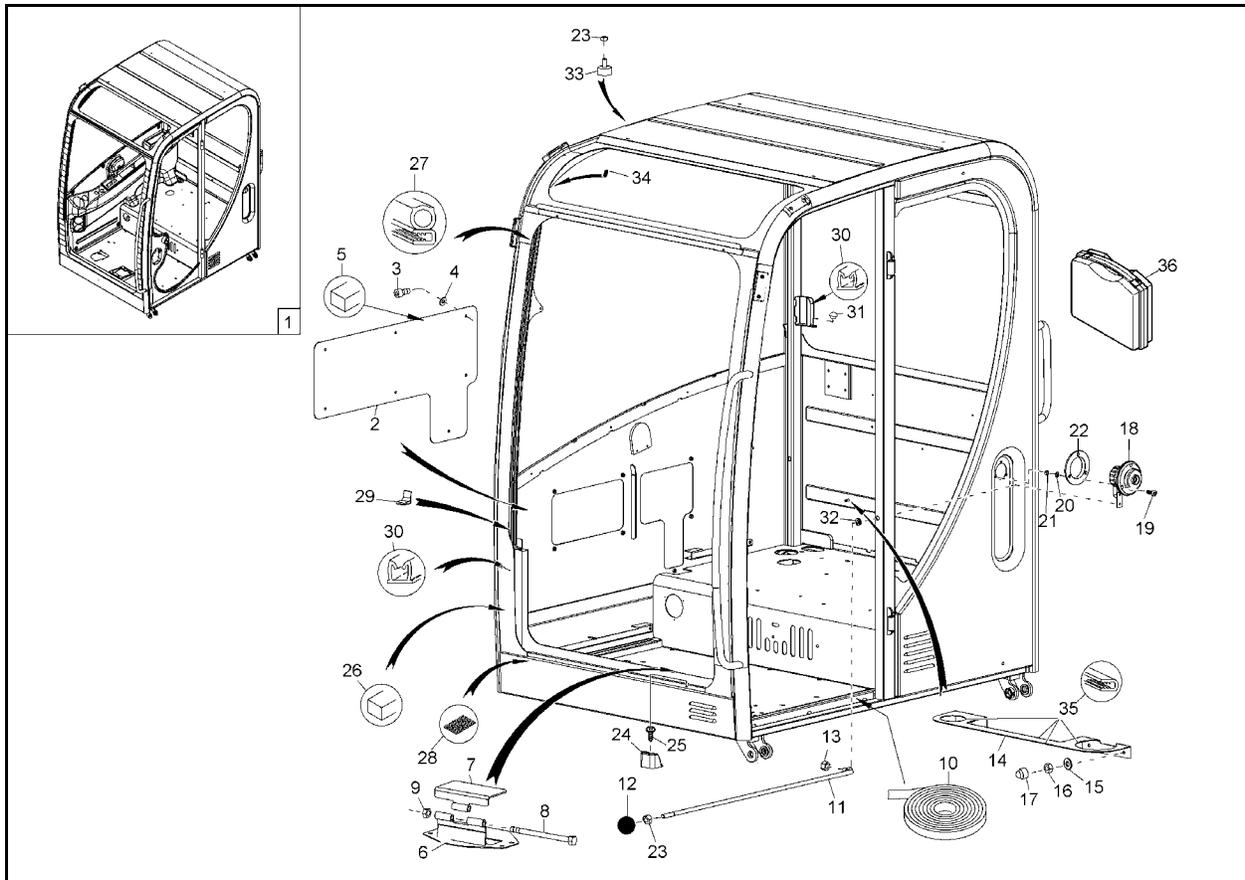
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177724	COVER/UNDERCARRIAGE	1	4	161642	WASHER/GR A 13	12
2	651404	CS M12-1.75X20 C8.8 ZO	12	5	179304	COVER/LT	1
3	163651	WASHER	12	6	179303	COVER/RT	1



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 M8-1.25X12 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 M4-0.7X30 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	206111	BUSHING	1
10	161642	WASHER/GR A 13	2	29	161645	WASHER/GR A 13 DIN7349	7
11	177904	SHIM	4	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 M10-1.5X16 C8.8 ZY DIN931	1
15	206110	CABLE/SAFETY	1	34	177460	SERRATED WASHER	1
16	651411	HB M12-1.7X 60 C10.9 ZY	3	35	656093	CS M8-1.25X16 C8.8 ZY DIN931	1
17	179793	NUT	3	36	163670	LOCKWASHER	1
18	177984	JACK	1	37	163634	WASHER	1
19	651400	CS M10-1.5X40 C10.9 ZY DIN931	2	38	177461	EXTERNAL TOOTH LOCKWASHER	1

503Z - CAB FRAME 1

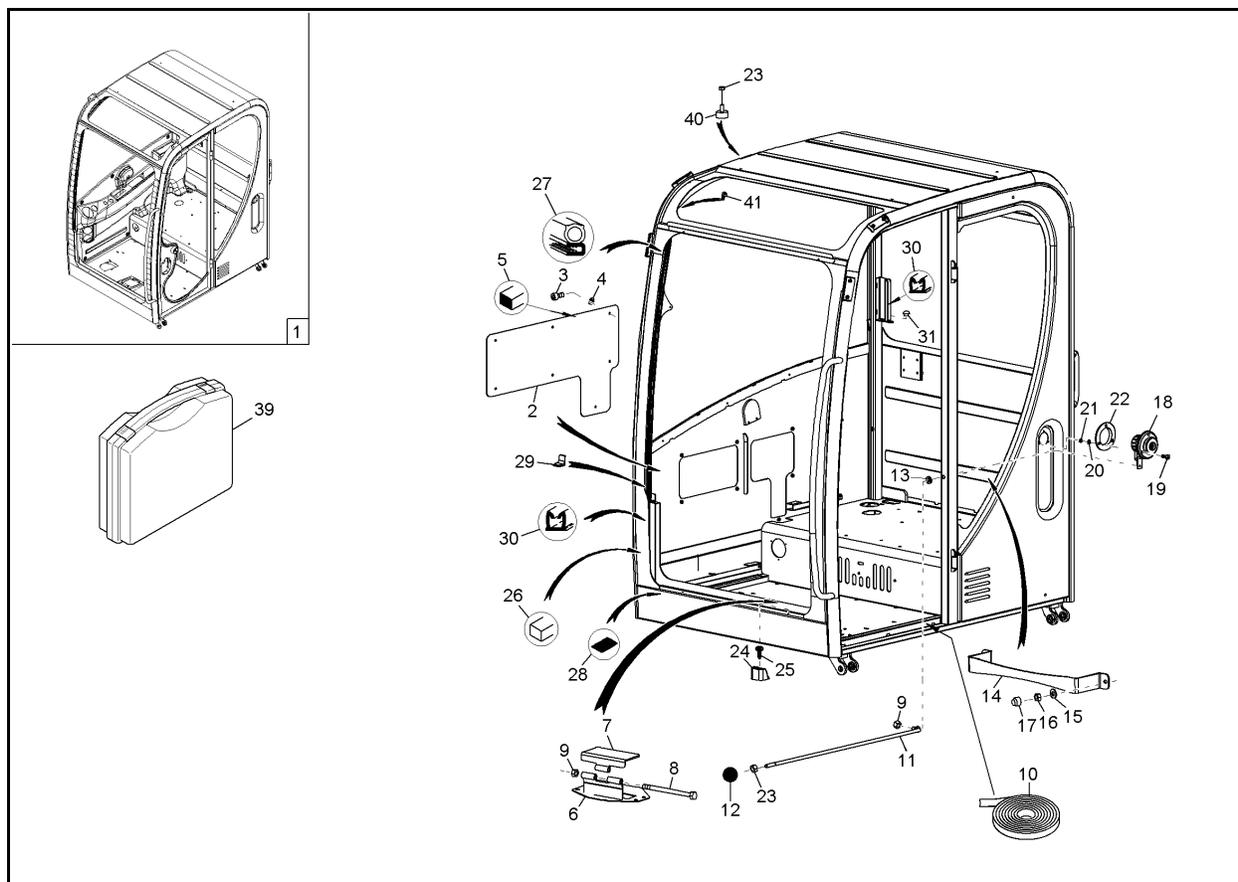
1000179735 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206878	CABIN	1	20	162925	WASHER	3
2	178025	COVER/SIDE WALL 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 (2.10M)	1	24	1423414G	COLLAR	2
6	178027	ADAPTER PLATE	1	25	162031	SCREW	4
7	178028	FLAP/FOOTREST	1	26	207113	FOAM RUBBER BLACK 10X15MM (1.90M)	1
8	162870	SCREW	1	27	205605	PROFILE (3.50M)	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	1	28	206173	SEAL STRAP (0.80M)	1
10	206156	ANTI-SLIDE STRIP (0.70M)	1	29	206879	CLAMP SHOE	2
11	178029	ANTILOCK ROD	1	30	206799	WINDOW SEAL (1.0M)	1
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 (1000179718)	1	33	205932	RUBBER BUMPER	2
15	162974	BRACKET (SN AC02471 - AD07125)	1	34	205929	THREAD PIN	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	35	207211	EDGE PROTECTION SECTION (0.90M)	1
17	162737	COVER	2	36	177495	DOCUMENTS BOX	1
18	178032	DOOR LATCH	1				
19	178034	SCREW	3				

503Z - CAB FRAME 1

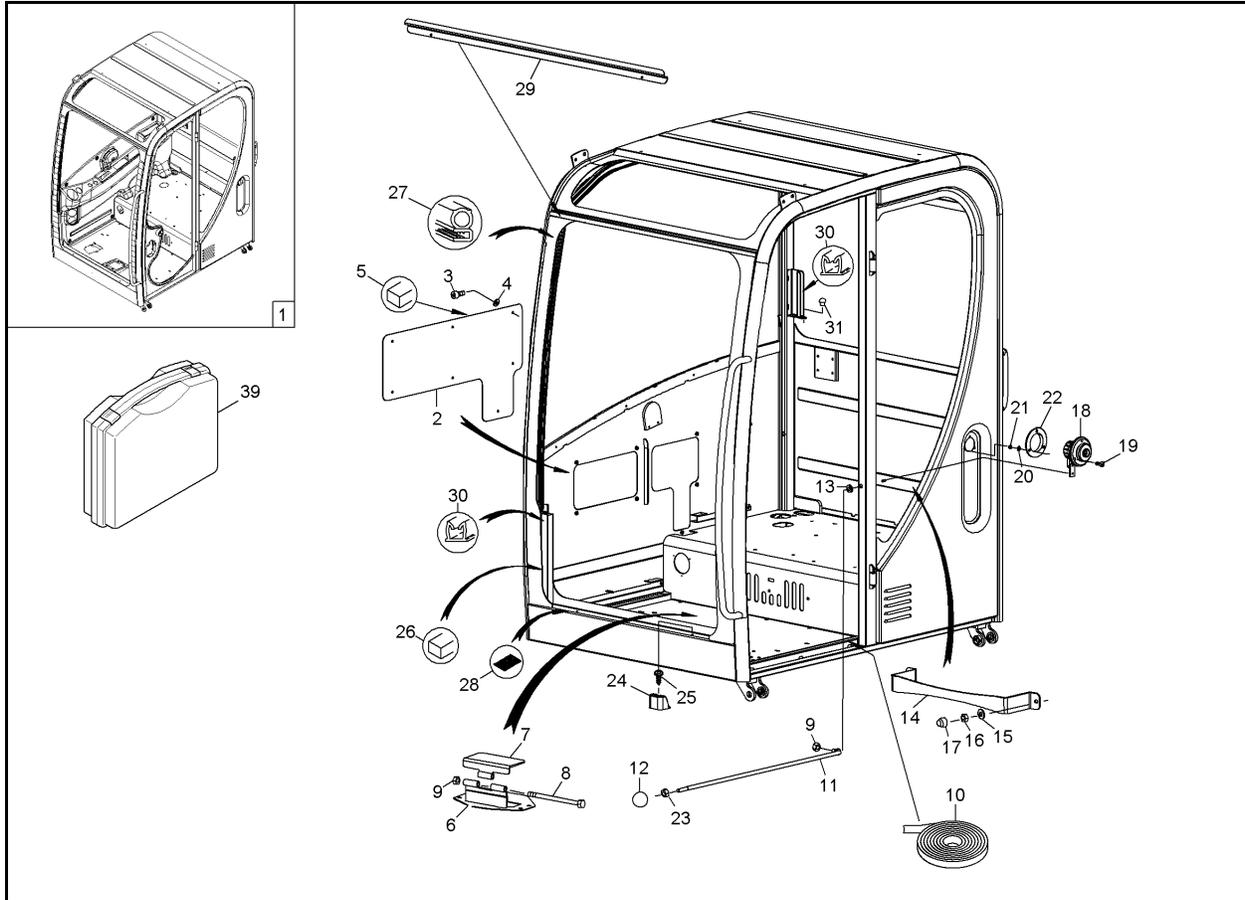
1000143230 - (SN AC02976 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206878	CABIN	1	19	178034	SCREW	3
2	178025	COVER SIDE WALL RIGHT	1	20	162925	WASHER	3
3	201719	FHCS M6 X 12	7	21	651456	LN INS M5-0.8 C8 ZY DIN6924	3
4	162924	WASHER	7	22	178033	RUBBER DISC	1
5	206155	TESAMOL (2.10M)	1	23	9901152G	NUT	3
6	178027	ADAPTER PLATE	1	24	1423414G	COLLAR	2
7	178028	FLAP FOOTREST	1	25	162031	SCREW	4
8	162870	SCREW	1	26	207113	FOAM RUBBER BLACK 10X15MM (1.90M)	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2	27	205605	PROFILE (3.50M)	1
10	206156	ANTI-SLIDE STRIP (0.70M)	1	28	206173	SEAL STRAP (0.80M)	1
11	178029	ANTILOCK ROD	1	29	206879	CLAMP SHOE	2
12	178030	BALL HEAD	1	30	206799	WINDOW SEAL (1.0M)	1
13	178036	RUBBER SLEEVE	1	31	164686	RUBBER PLUG	2
14	178031	BRACKET	1	39	177495	DOCUMENTS BOX	1
15	162924	WASHER	2	40	205932	RUBBER BUMPER	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	41	205929	THREAD PIN	2
17	162737	COVER	2				
18	178032	DOOR LATCH	1				

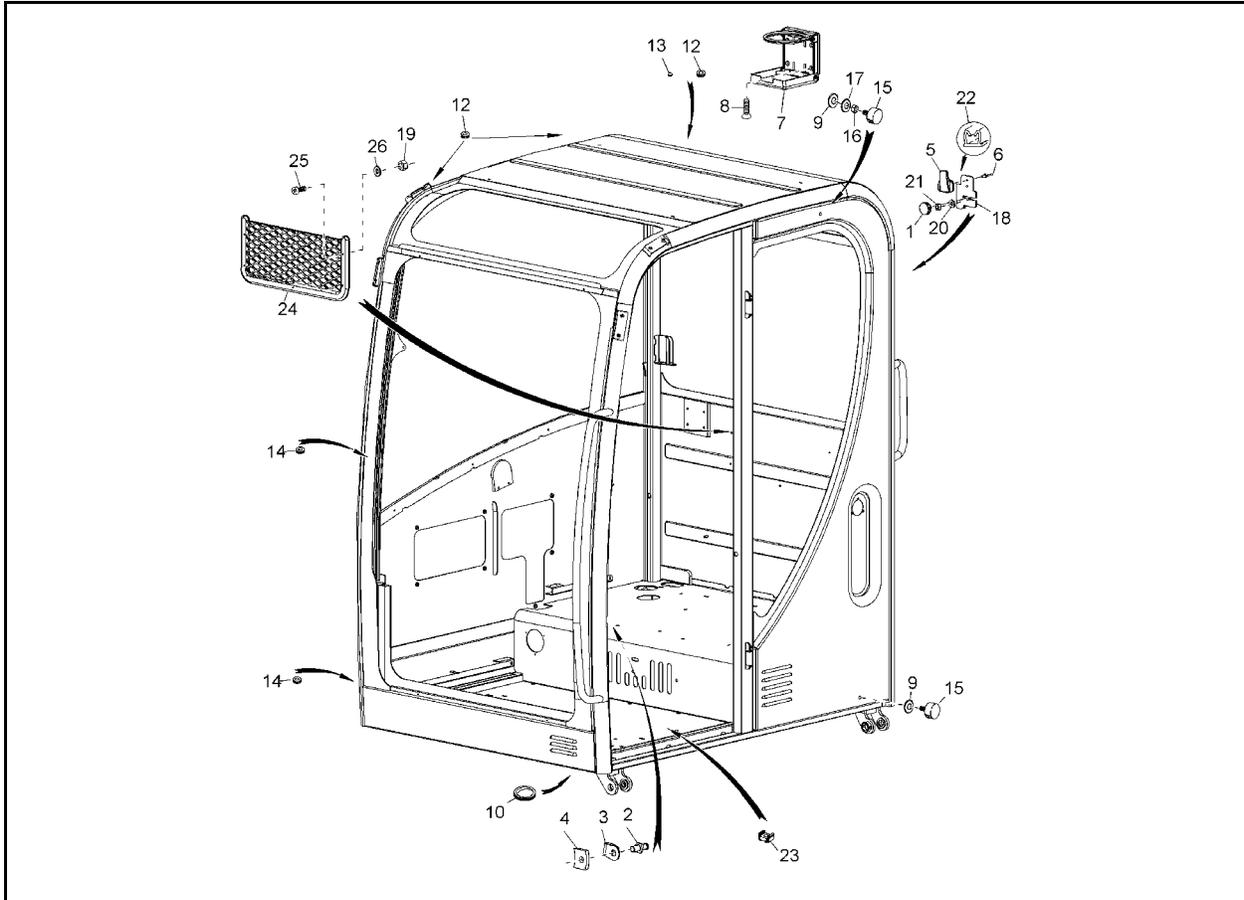
503Z - CAB FRAME 1

1000125004 - (SN AC02975 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205071	CABIN	1	18	178032	DOOR LATCH	1
2	178025	COVER/SIDE WALL RT	1	19	178034	SCREW	3
3	162860	SCREW	7	20	162925	WASHER	3
4	162924	WASHER	7	21	651456	LN INS M5-0.8 C8 ZY	3
5	206155	TESAMOL (2.10M)	1	22	178033	RUBBER DISC	1
6	178027	ADAPTER PLATE	1	23	9901152G	NUT	3
7	178028	FLAP/FOOTREST	1	24	1423414G	COLLAR	2
8	162870	SCREW	1	25	162031	SCREW	4
9	651458	LN INS M8-1.25 C8 ZY	2	26	207113	FOAM RUBBER BLACK 10X15MM (2.0M)	1
10	206156	ANTI-SLIDE STRIP (0.70M)	1	27	206822	RUBBER PROFILE (1.0M)	1
11	178029	ANTILOCK ROD	1	28	206797	SEAL STRAP (1.0M)	1
12	178030	BALL HEAD	1	29	178035	RAIL	2
13	178036	RUBBER SLEEVE	1	30	206799	WINDOW SEAL (1.0M)	1
14	178031	BRACKET	1	31	164686	RUBBER PLUG	2
15	162924	WASHER	2	39	177495	DOCUMENTS BOX	1
16	651457	LN INS M6-1 C8 ZY	2				
17	162737	COVER	2				

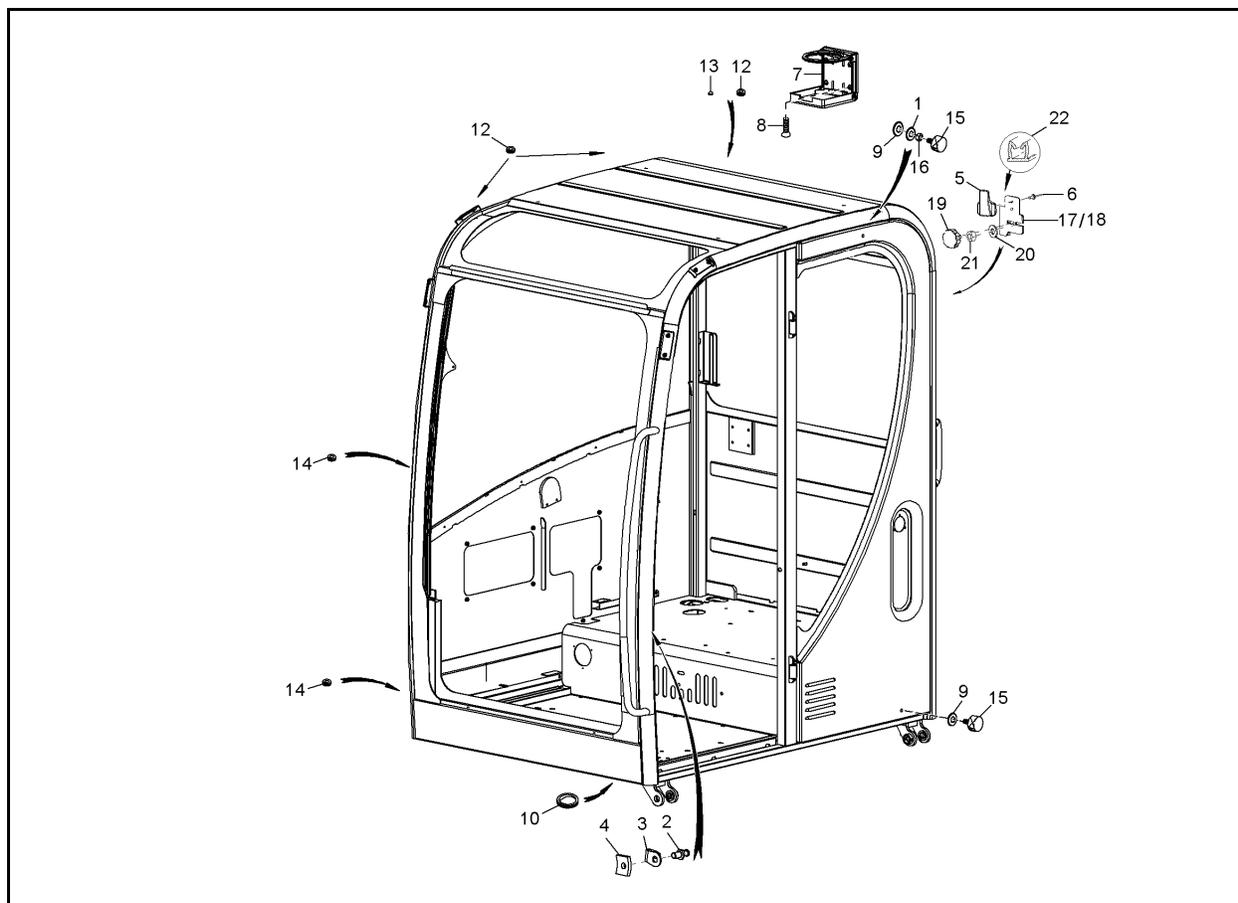
503Z - CAB FRAME 2
1000180015 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206428	GROOVED SCREW	2	15	165215	RUBBER-BUFFER	2
2	161921	PIN	1	16	9901152G	NUT	1
3	164771	BRACKET	1	17	162812	WASHER	1
4	164678	PLATE	1	18	206427	BRACKET/RT	1
5	178040	CLOTH HOOK	1		205150	BRACKET/LT	1
6	205694	RIVET	1	19	161402	NUT	5
7	204906	BOTTLE BRACKET	1	20	162924	WASHER	2
8	178044	SINKSCREW	4	21	651457	LN INS M6-1 C8 ZY DIN6924	2
9	160639	RUBBER WASHER	2	22	205054	WINDOW SEAL (0.20M)	1
10	178037	HOSE SLEEVE	1	23	202538	CAGE NUT	16
12	162797	PLUG	7	24	201706	GRATE	1
13	164677	PLUG	2	25	202539	OVALHEAD SCREW	5
14	1424420G	RUBBER BUSHING	3	26	202540	WASHER	5

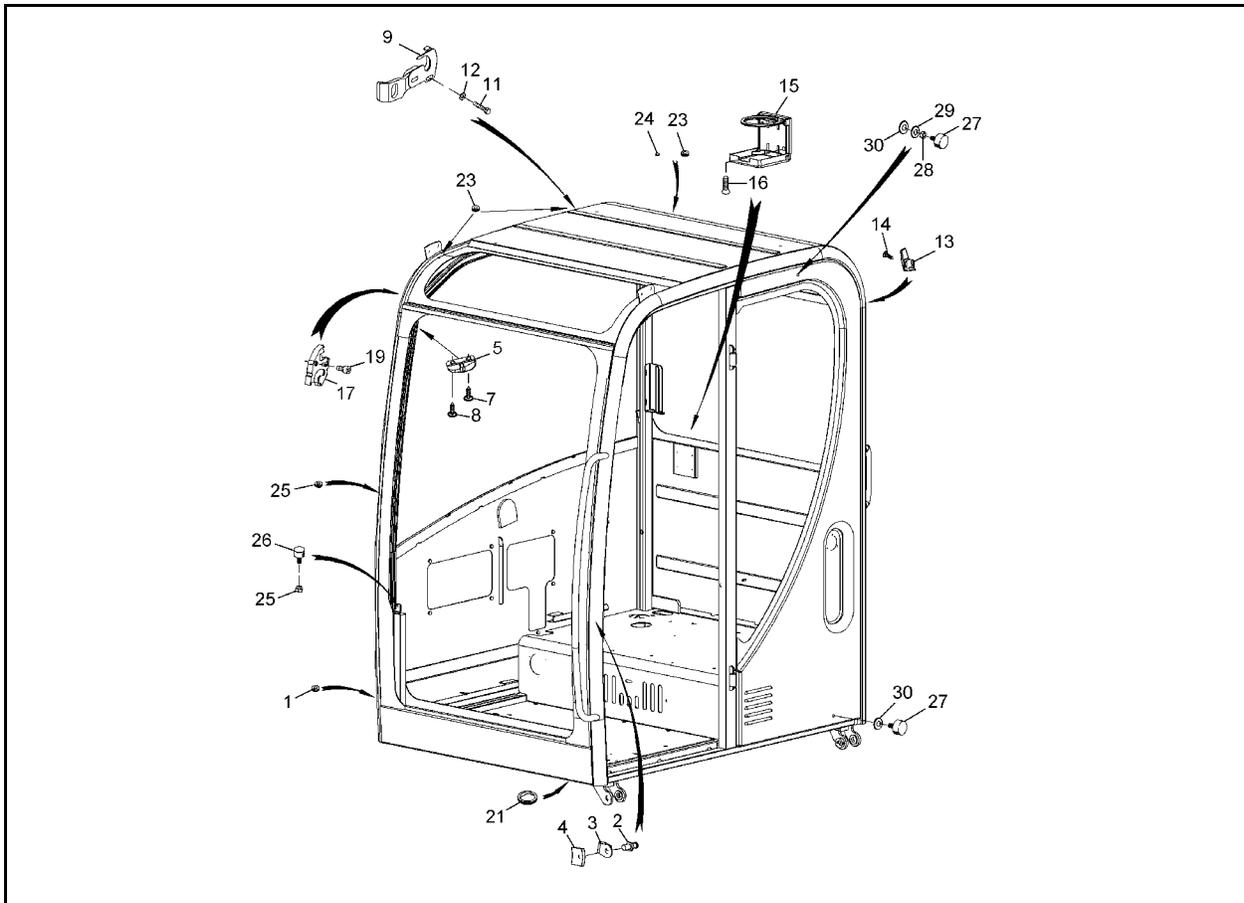
503Z - CAB FRAME 2

10000143232 - (SN AC02976 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	162812	WASHER	1	13	164677	PLUG	2
2	161921	PIN	1	14	1424420G	RUBBER BUSHING	3
3	164771	BRACKET	1	15	165215	RUBBER-BUFFER	2
4	164678	PLATE	1	16	9901152G	NUT	1
5	178040	CLOTH HOOK	1	17	205150	BRACKET/LT	1
6	205694	RIVET	1	18	206427	BRACKET/RT	1
7	204906	BOTTLE BRACKET	1	19	206428	GROOVED SCREW	2
8	178044	SINKSCREW	4	20	162924	WASHER	2
9	160639	RUBBER WASHER	2	21	651457	LN INS M6-1 C8 ZY DIN6924	2
10	178037	HOSE SLEEVE	1	22	205054	WINDOW SEAL (0.20M)	1
12	162797	PLUG	7				

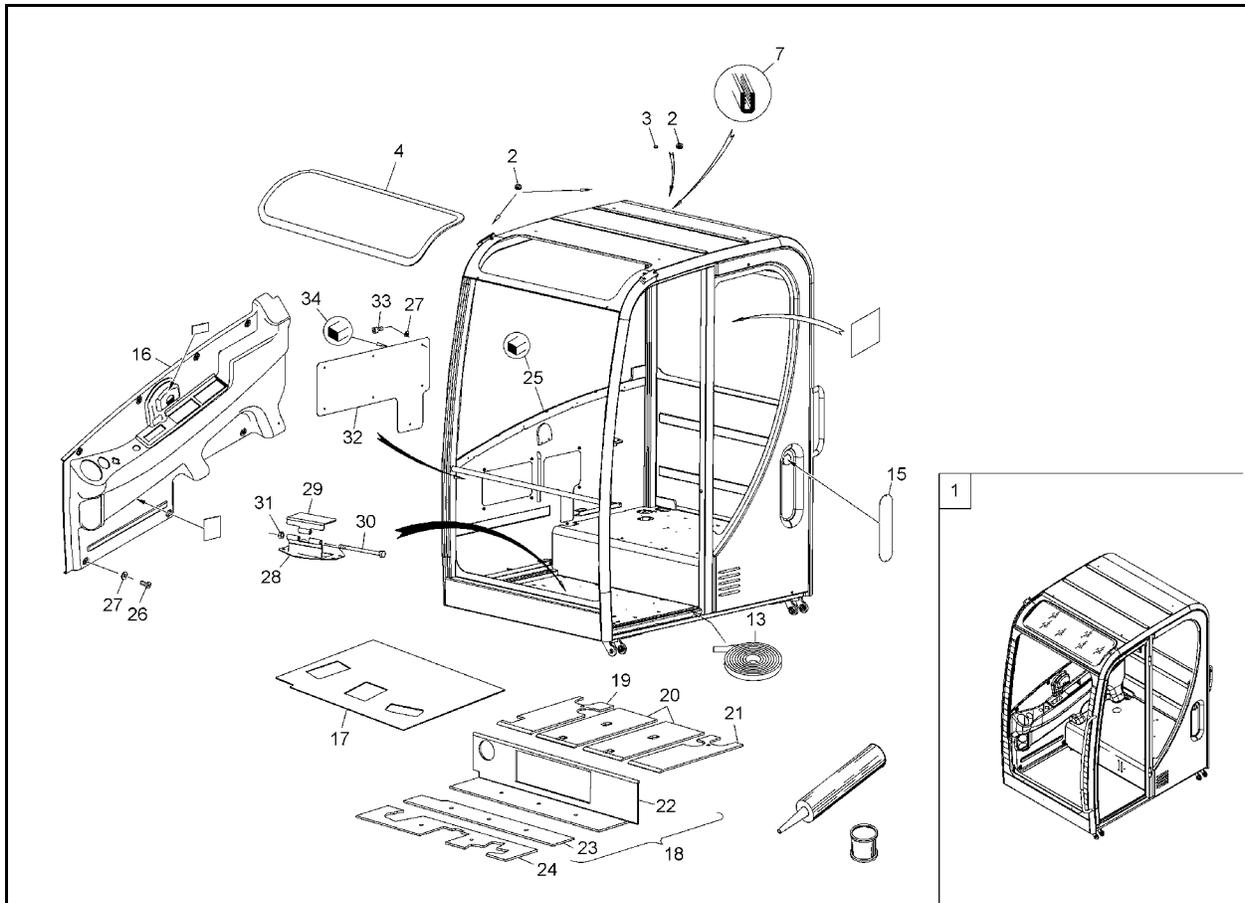
503Z - CAB FRAME 2
1000125005 - (SN AC02975 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424420G	RUBBER BUSHING	3	16	178044	SINK SCREW	4
2	161921	PIN	1	17	178042	LOCKING RT	1
3	164771	BRACKET	1		178045	LOCKING LT	1
4	164678	PLATE	1	19	651507	SHCS M6-1X20 C8.8 ZY DIN912	2
5	178038	LOCK/FRONT LT	1	21	178037	HOSE SLEEVE	1
	178039	LOCK/FRONT RT	1	23	162797	PLUG	7
7	162029	SCREW	2	24	164677	PLUG	2
8	162031	SCREW	2	25	656047	HN M6-1 C8 ZY (CAB SN 50623 and up)	2
9	164680	BRACKET RT	1	26	208218	RUBBER BUFFER (CAB SN 50623 and up)	2
	164679	LOCK/FRONT RT	1	27	165215	RUBBER BUFFER (CAB SN 50623 and up)	2
11	656128	CS M6-1X30 C8.8 ZY DIN931	4	28	9901152G	NUT (CAB SN 50623 and up)	1
12	178043	WASHER	4	29	162812	WASHER (CAB SN 50623 and up)	1
13	178040	CLOTH HOOK	1	30	160639	RUBBER WASHER (CAB SN 50623 and up)	2
14	162036	SCREW	1				
15	204906	BOTTLE BRACKET	1				

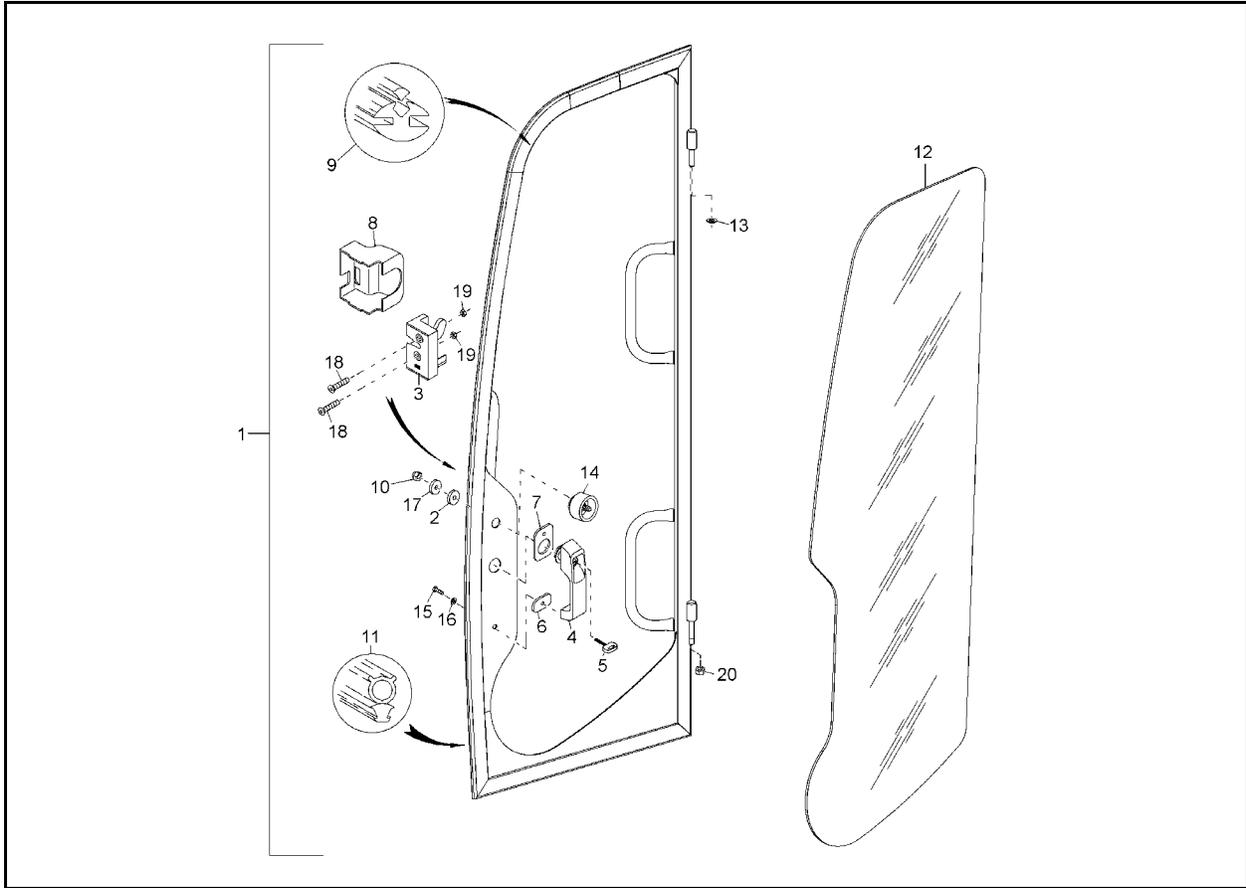
503Z - CANOPY FRAME

1000159105



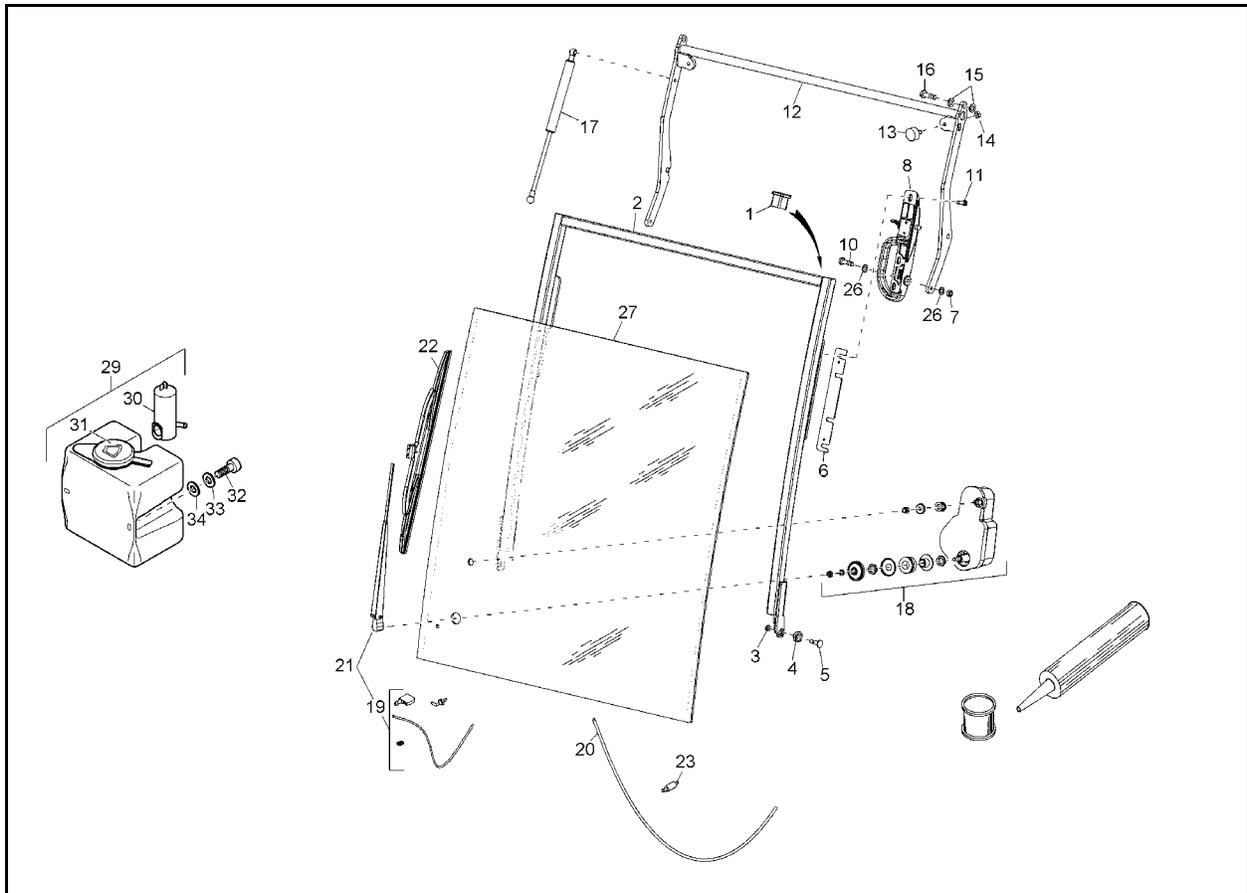
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205013	CANOPY	1	22	208215	ISOLATION MAT	1
2	162797	PLUG	5	23	208216	ISOLATION MAT	1
3	164677	PLUG	2	24	208217	ISOLATION MAT	1
4	206432	FRONT WINDOW UPPER	1	25	205012	FOAM STRIP (1.30M)	1
7	205011	EDGE GUARD (1.10M)	1	26	162860	SCREW	7
13	206156	ANTI-SLIDE STRIP (0.70M)	1	27	162924	WASHER	14
15	205014	COVER PLATE	1	28	178027	ADAPTER PLATE	1
16	205015	SIDE TRIM	1	29	178028	FLAP FOOTREST	1
17	206886	RUBBER FLOOR MAT	1	30	162870	SCREW	1
18	205016	ISOLATION MAT SET	1	31	651458	LN INS M8-1.25 C8 ZY	1
19	208212	ISOLATION MAT	1	32	178025	COVER/SIDE WALL RIGHT	1
20	208213	ISOLATION MAT	2	33	162860	SCREW	7
21	208214	ISOLATION MAT	1	34	206155	TESAMOL (2.10M)	1

503Z - CAB DOOR
1000180016



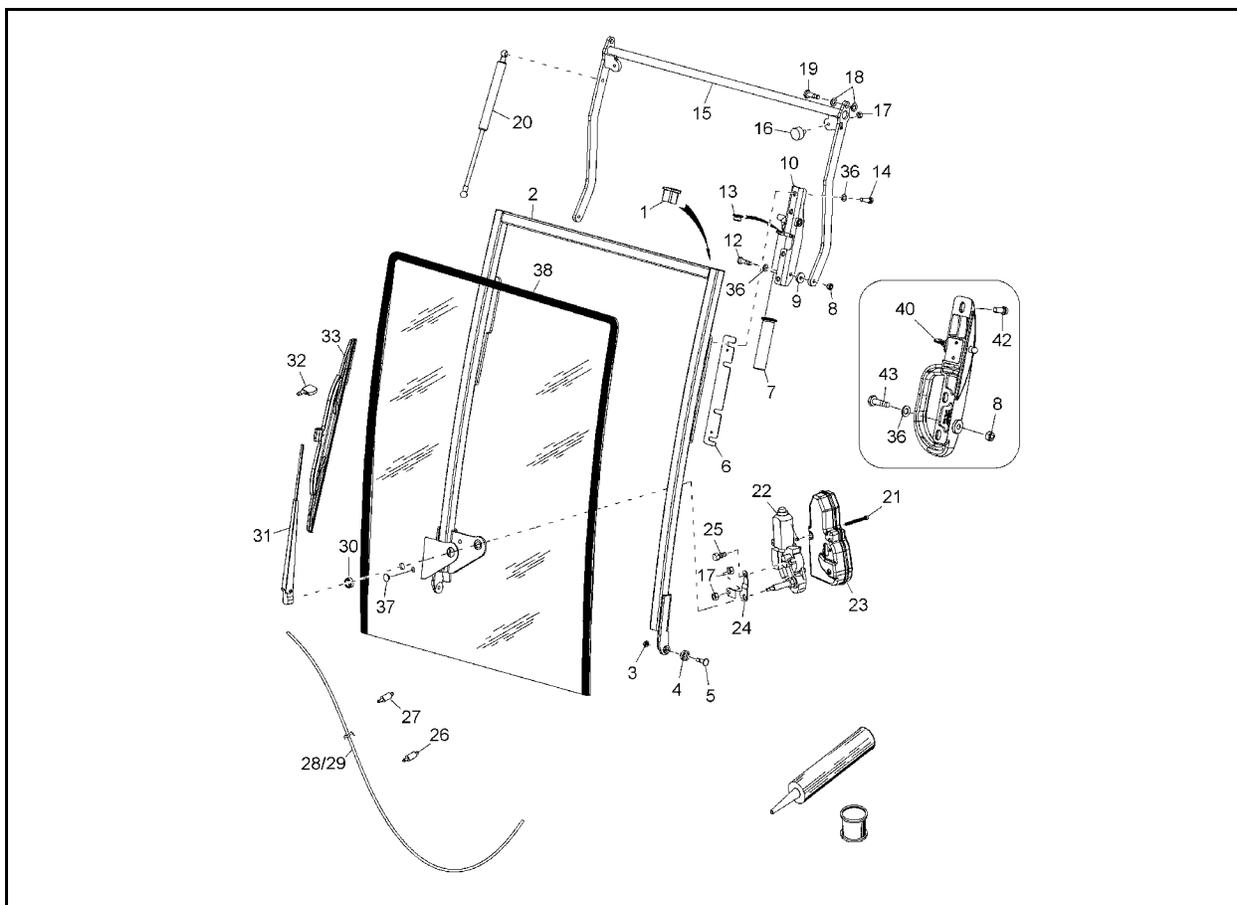
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178065	CAB DOOR COMPLETE	1	11	206834	SEAL PROFILE (4.30M)	1
	178105	CAB DOOR TINTED COMPLETE	1	12	177870	DOOR WINDOW	1
2	160639	RUBBER WASHER	1		177781	DOOR WINDOW TINTED	1
3	160525	LOCK (W/O KEY)	1	13	164688	WASHER	2
4	161096	HANDLE (W/O LOCK OR KEY)	1	14	178061	DOOR FASTENER	1
5	101792	KEY	1	15	651424	CS M6-1X20 C8.8 ZY DIN931	1
6	164700	SHIM	1	16	162813	WASHER	1
7	164701	SHIM	1	17	162812	WASHER	1
8	165221	COVER	1	18	162864	SCREW	2
9	206136	RUBBER PROFILE (4.30M)	1	19	651458	LN INS M8-1.25 C8 ZY DIN6924	2
10	161618	NUT/HEX DOMED CAP M8	1	20	651448	LN INS M10-1.5 C8 ZY DIN6924	1

503Z - WINDSHIELD
1000180082 - (SN AH00579 AND UP)



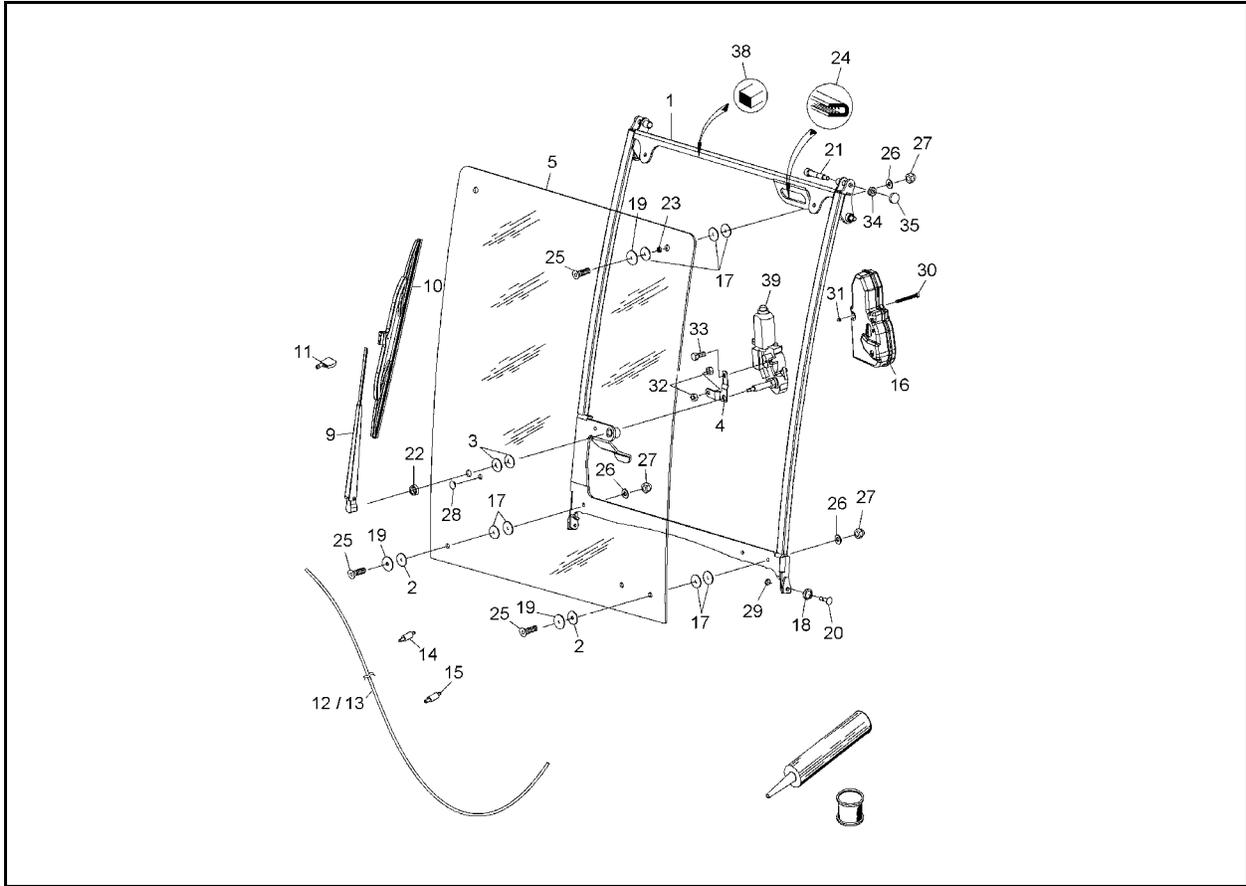
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207419	PLUG	4	17	207439	GAS SHOCK	1
2	202541	GLASS FRAME	1	18	201765	WIPER MOTOR	1
3	9901152G	NUT	2	19	201766	CONNECTION KIT	1
4	177914	PVC-ROLLER	2	20	207293	WATER HOSE (4.0M)	1
5	177915	CATCH BOLT	2	21	201767	WIPER ARM	1
6	207421	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	26	161668	WASHER/GR A 8.4 ZO DIN134	4
	201763	LOCKING BRACKET/LT	1	27	202543	FRONT WINDOW	1
10	656002	CS M8-1.25X35 C8.8 ZY DIN931	2	29	177821	WINDSHIELD WASHER RESERVOIR	1
11	201764	FHCS M8 X 16	6	30	178074	PUMP/WASHTANK	1
12	202542	SUPPORT)	1	31	178075	LOCKING CAP	1
13	205932	RUBBER BUMPER	2	32	651504	SHCS M5-0.8X16 C8.8 ZY DIN912	2
14	656048	HN M8-1.25 C8 ZY DIN934	4	33	161674	LOCKWASHER S16	2
15	164688	WASHER	4	34	161665	WASHER/GR A 5.3	2
16	207428	HEX SCREW	2				

503Z - WINDSHIELD
1000143259 - (SN AC02976 - AD07125)



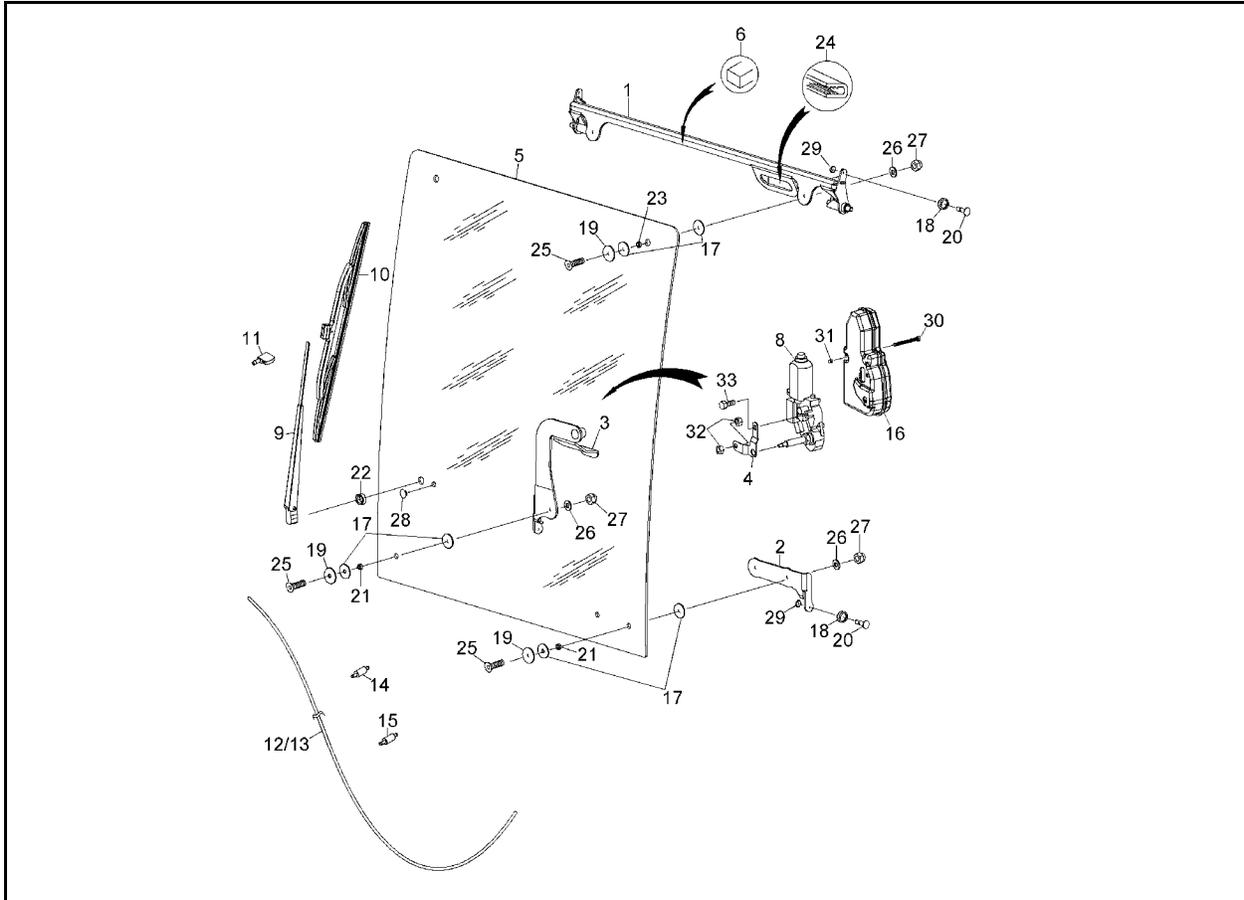
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	207419	PLUG	4	22	178053	WIPER MOTOR	1
2	207420	FRONT WINDOW FRAME	1	23	165159	COVER	1
3	9901152G	NUT	2	24	165168	BAR LOCK	1
4	177914	PVC-ROLLER	2	25	651430	CS M8-1.25X12 C8.8 ZY DIN931	1
5	177915	CATCH BOLT	2	26	164673	NON RETURN VALVE	1
6	207421	PLATE	2	27	161847	CONNECTOR	1
7	207422	HANDLE	2	28	206835	WATER HOSE (1.35M)	1
8	651458	LN INS M8-1.25 C8 ZY DIN6924	2	29	207293	WATER HOSE (4.0M)	1
9	207423	SHIM	2	30	207433	SHIM	1
10	207424	LOCKING BRACKET RT	1	31	1424418G	WIPER ARM	1
	207425	LOCKING BRACKET LT	1	32	161087	NOZZLE	1
12	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	33	1424419G	WIPER BLADE	1
13	207426	PIPE PLUG	2	36	161668	WASHER/GR A 8.4 ZO DIN134	10
14	177648	HEX SCREW	8	37	1424420G	RUBBER BUSHING	1
15	206884	SUPPORT	1	38	207435	FRONT WINDOW	1
16	205932	RUBBER BUMPER	2		207436	FRONT WINDOW TINTED	1
17	656048	HN M8-1.25 C8 ZY DIN934	4	40	201762	LOCKING BRACKET/RT	1
18	164688	WASHER	4		201763	LOCKING BRACKET/LT	1
19	207428	HEX SCREW	2	42	201764	FHCS M8 X 16	6
20	207439	GAS SHOCK	1	43	656002	CS M8-1.25X35 C8.8 ZY DIN931	2
21	207430	CARRIAGE BOLT	2				

503Z - WINDSHIELD
1000125031 - (SN AC02700 - AC02975)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176929	FRAME	1	21	176926	SET SCREW	2
2	160640	RUBBER WASHER	2	22	177917	SPACER	1
3	176928	RUBBER DISC	2	23	176925	RUBBER SLEEVE	2
4	165168	BAR LOCK	1	24	206836	EDGE GUARD (0.25M)	1
5	177201	FRONT WINDOW	1	25	9901392G	SCREW	5
6	178103	FRONT WINDOW TINTED	1	26	161668	WASHER/GR A 8.4 ZO DIN 134	5
9	1424418G	WIPER ARM	1	27	161618	NUT/HEX COME 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	2
15	161847	CONNECTOR	1	33	651430	CS M8-1.25 X 12 C8.8 ZY	1
16	165159	COVER	1	34	177219	HEXAGON NUT	2
17	160639	RUBBER WASHER	12	35	176930	WASHER L=8MM, DM=12MM	2
18	177914	PVC ROLLER	2	38	207167	FOAM STRIP (3.60M)	1
19	1423440G	WASHER	5	39	178053	WIPER MOTOR	1
20	177915	CATCH BOLT	2				

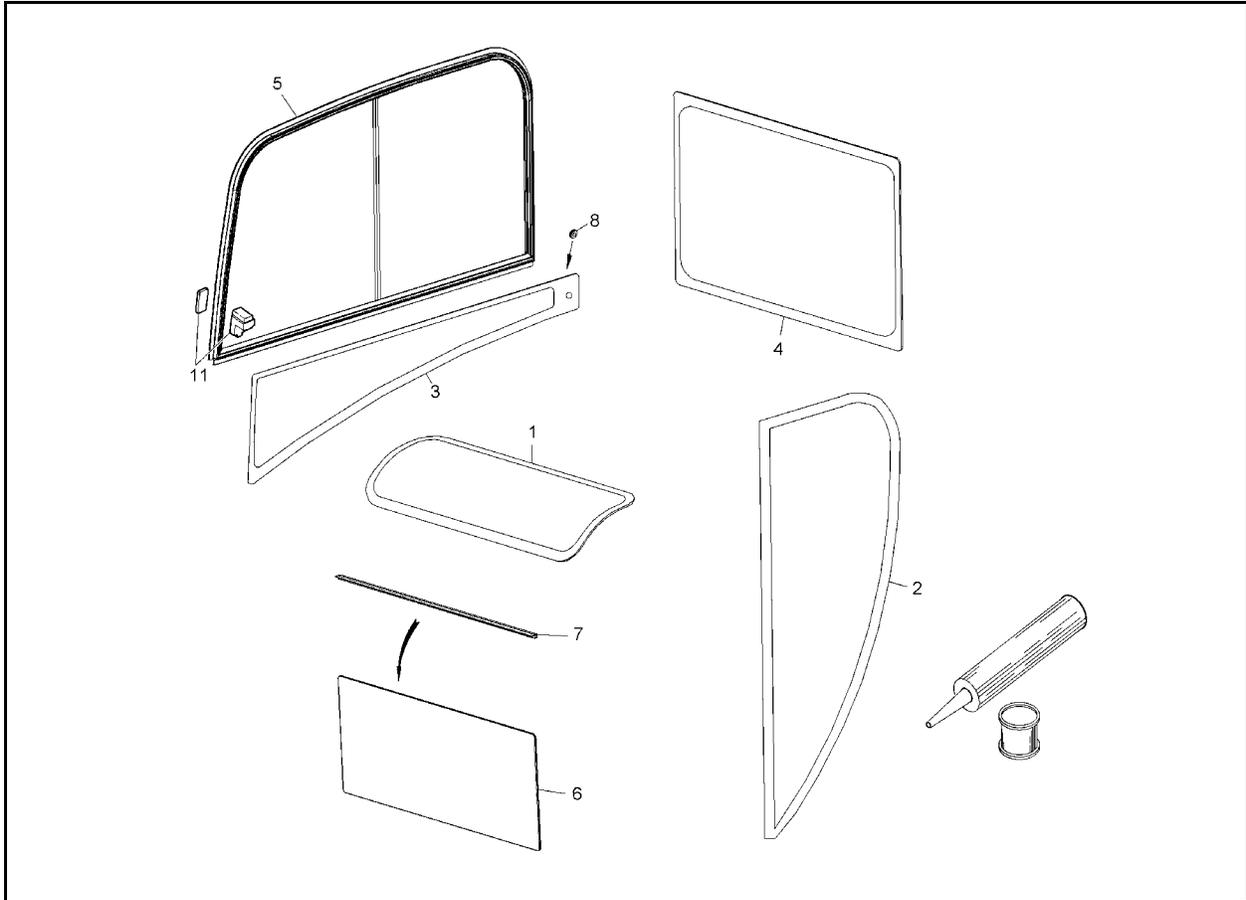
503Z - WINDSHIELD
1000125031 - (SN AC02699 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	BRACKET	1	18	177914	PVC-ROLLER	4
2	*	BRACKET LEFT	1	19	1423440G	WASHER	5
3	*	BRACKET RIGHT	1	20	177915	CATCH BOLT	4
4	165168	BAR LOCK	1	21	177916	SPACER	3
5	177201	FRONT WINDOW	1	22	177917	SPACER	1
	178103	FRONT WINDOW-TINTED	1	23	177918	SPACER	2
6	207166	TAPE (1.0M)	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)	4	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 ZO	2
16	165159	COVER	1	33	651430	CS M8-1.25X12 C8.8 ZO	1
17	160639	RUBBER WASHER	12				

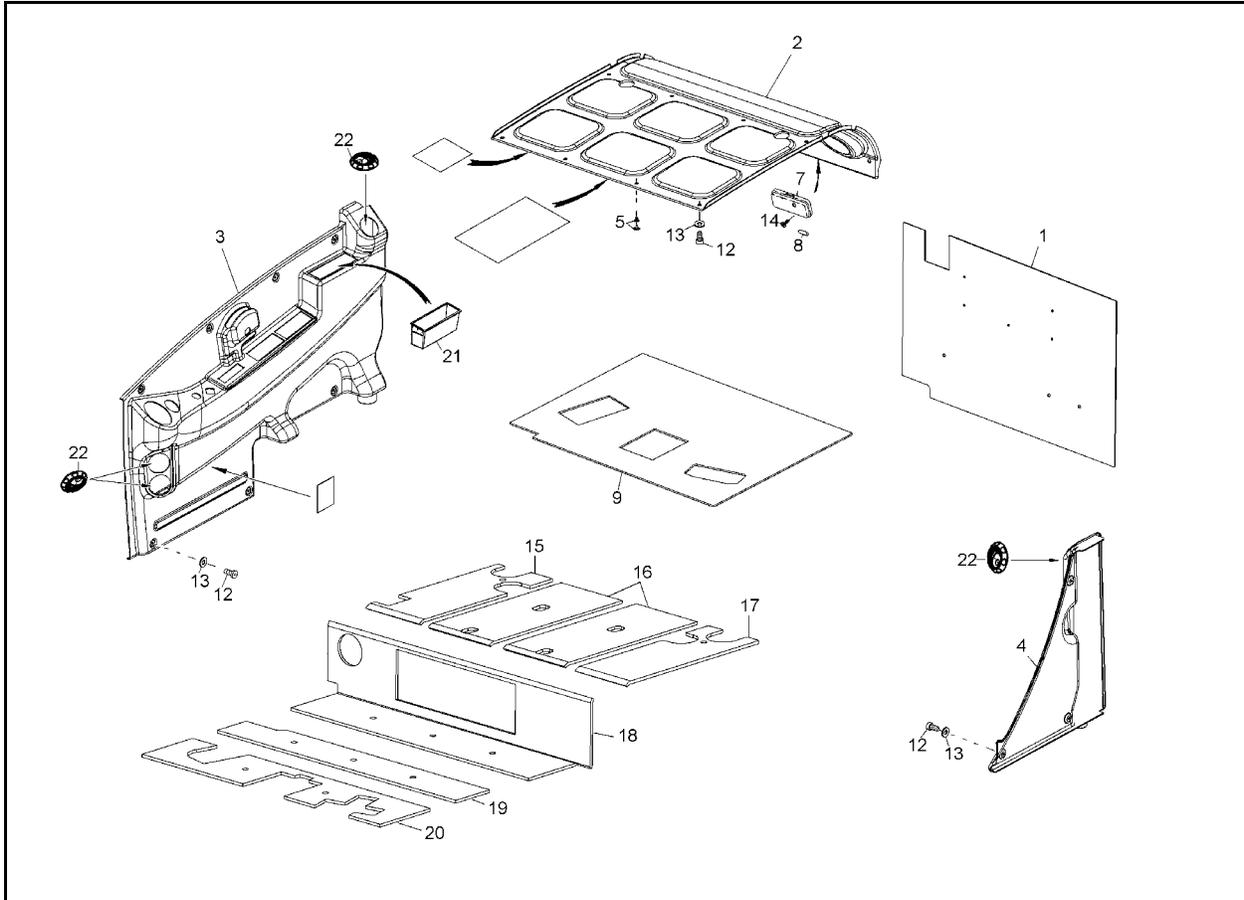
* For service use 206860 (Front Window).

503Z - CAB WINDOWS
1000180019



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206432	FRONT WINDOW (SN AC02976 and up)	1	6	206979	SLIDE WINDOW LOWER (SN AC02976 and up)	1
	177865	FRONT WINDOW (SN AC02975 and before)	1		177866	SLIDE WINDOW LOWER (SN AC02975 and before)	1
2	177868	SIDEPANE LT	1		206953	SLIDE WINDOW LOWER TINTED (SN AC02976 and up)	1
3	177869	SIDEPANE RT	1		177777	SLIDE WINDOW LOWER TINTED (SN AC02975 and before)	1
4	177867	REAR WINDOW	1	7	178059	STRAP	1
	177780	REAR WINDOW TINTED	1	8	162797	PLUG	1
	177867	REAR WINDOW (CANOPY)	1	11	164684	LOCK	1
5	178104	SLIDE WINDOW RT	1				
	177778	SLIDE WINDOW RT TINTED	1				

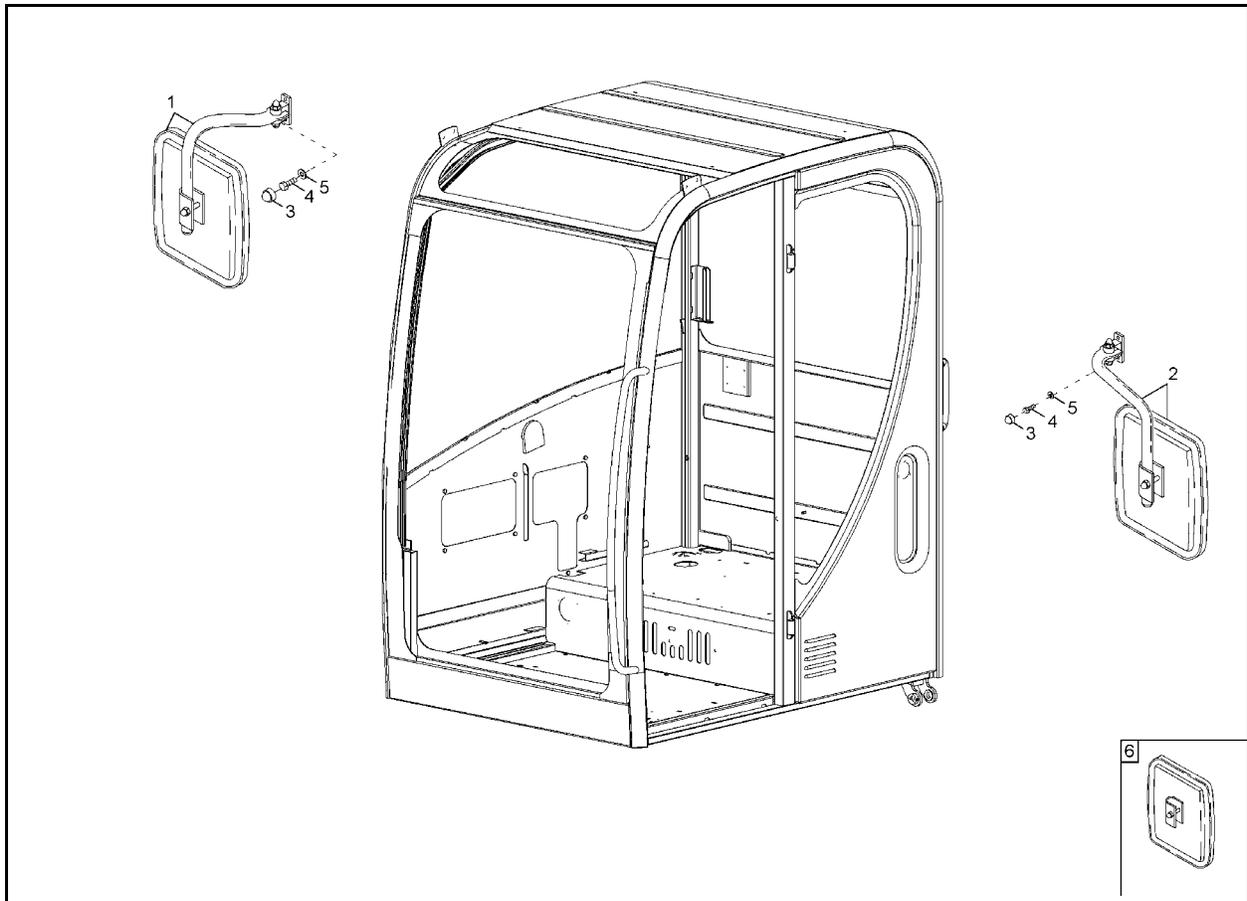
503Z - CAB TRIM
1000180036



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202544	REAR PLATE TRIM	1	14	162035	SCREW	2
2	177720	ROOF TRIM	1	15	208212	INSULATING MAT	1
3	177722	COVER MAT RT	1	16	208213	INSULATING MAT	2
4	177721	REAR COVER MAT LT	1	17	208214	INSULATING MAT	1
5	164689	RIVET 11MM	6	18	208215	INSULATING MAT	1
7	160488	DOME LIGHT	1	19	208216	INSULATING MAT	1
8	164182	BULB	1	20	208217	INSULATING MAT	1
9	178050	FLOOR RUBBER MAT	1	21	201720	TRAY	1
12	201719	FHCS M6 X 12	16	22	177655	AIR NOZZLE	4
13	201774	WASHER	16				

503Z - MIRRORS

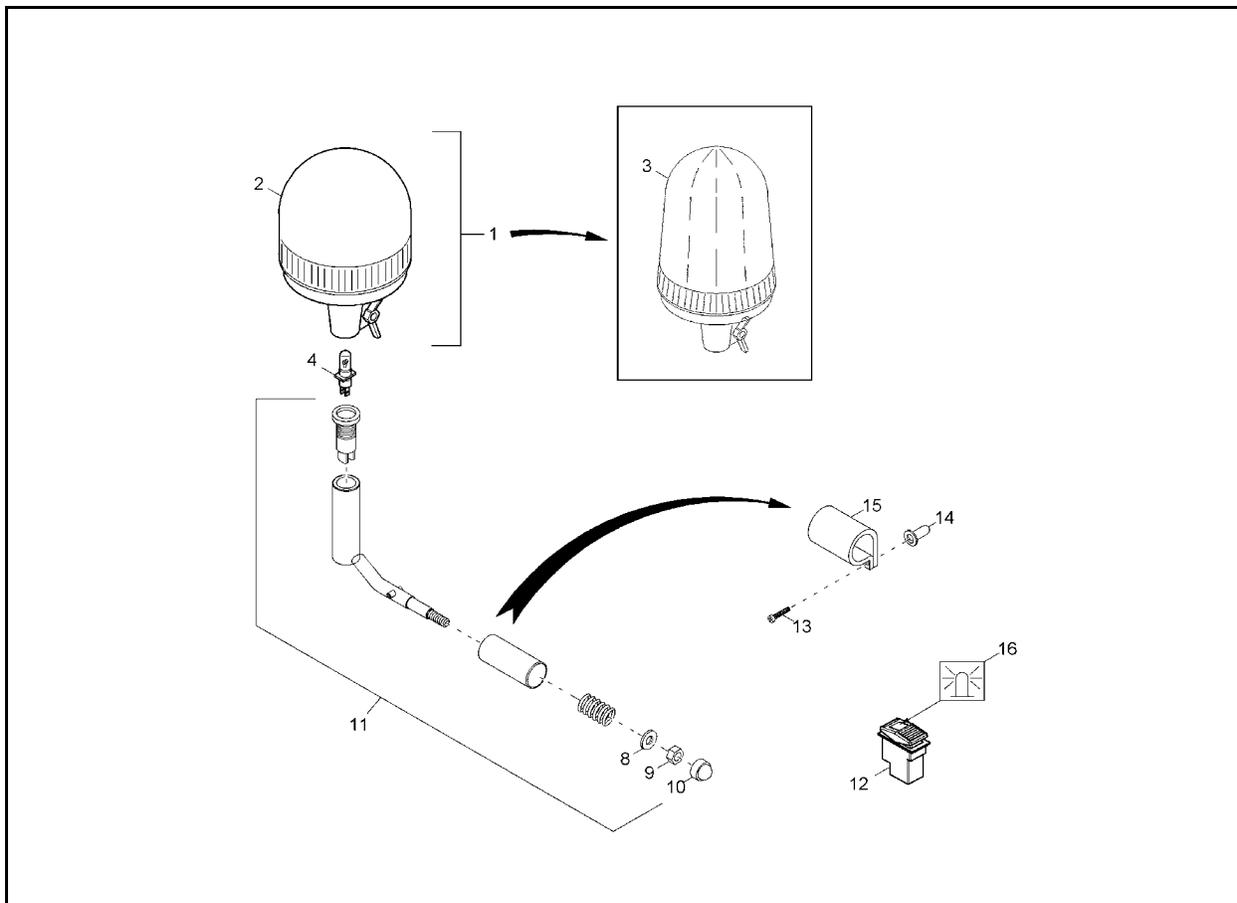
1000131957



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

503Z - ROTATING BEACON (OPTION)

1000177406

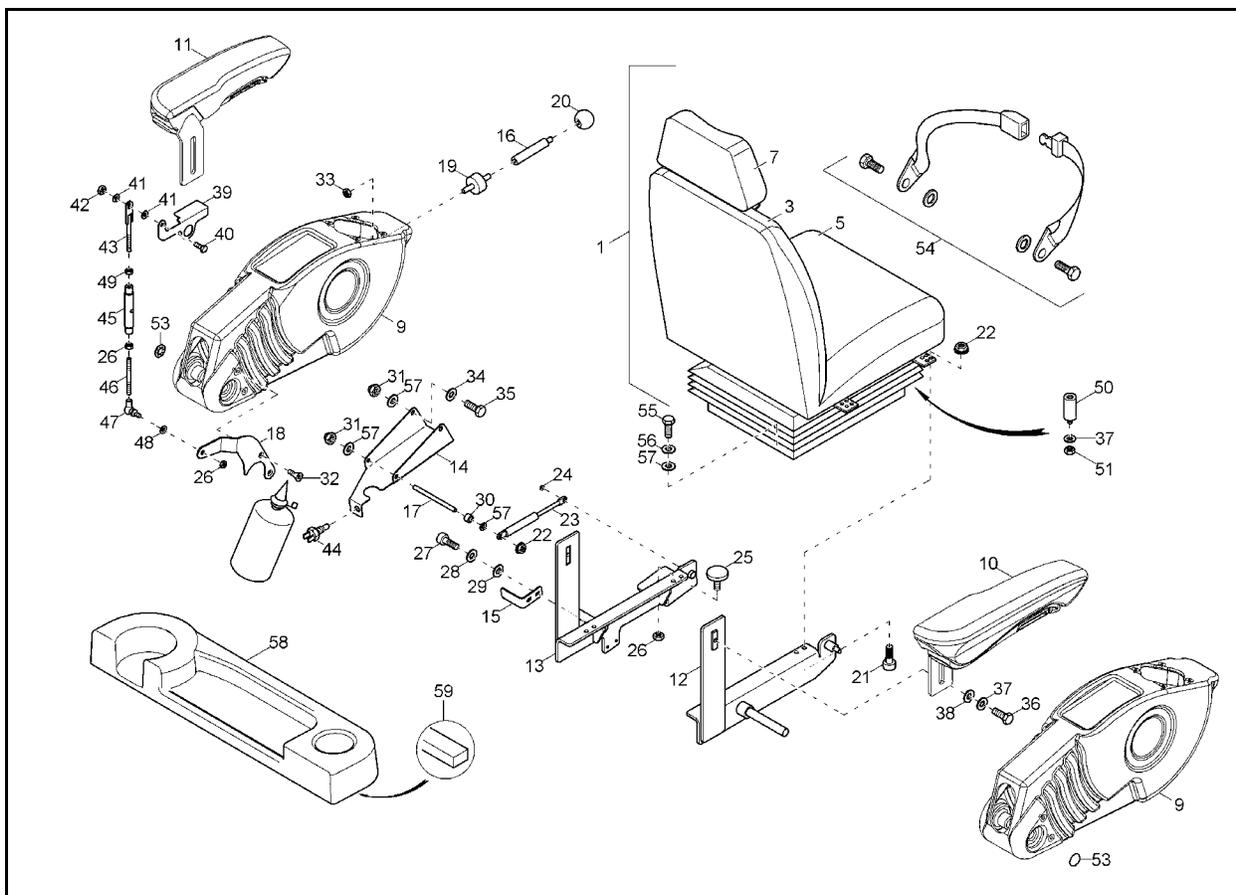


Ref. No.	Part No.	Description	Qty.
1	165199	LAMP COMPLETE	1
2	201775	LENS	1
3	165207	LENS	1
4	179740	HALOGEN LAMP	1
8	161668	WASHER/GR A 8.4 ZO DIN134	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	1
10	165052	COVER	1

Ref. No.	Part No.	Description	Qty.
11	165208	LAMP ATTACHMENT	1
12	164883	LIGHT SWITCH	1
13	651505	SHCS M5-0.8X20 C8.8 ZY DIN912	2
14	178073	SHEETMETAL NUT M5	2
15	165200	BRACKET	1
16	177666	SYMBOL/TURNING LIGHT	1

503Z - OPERATOR'S SEAT

1000180031



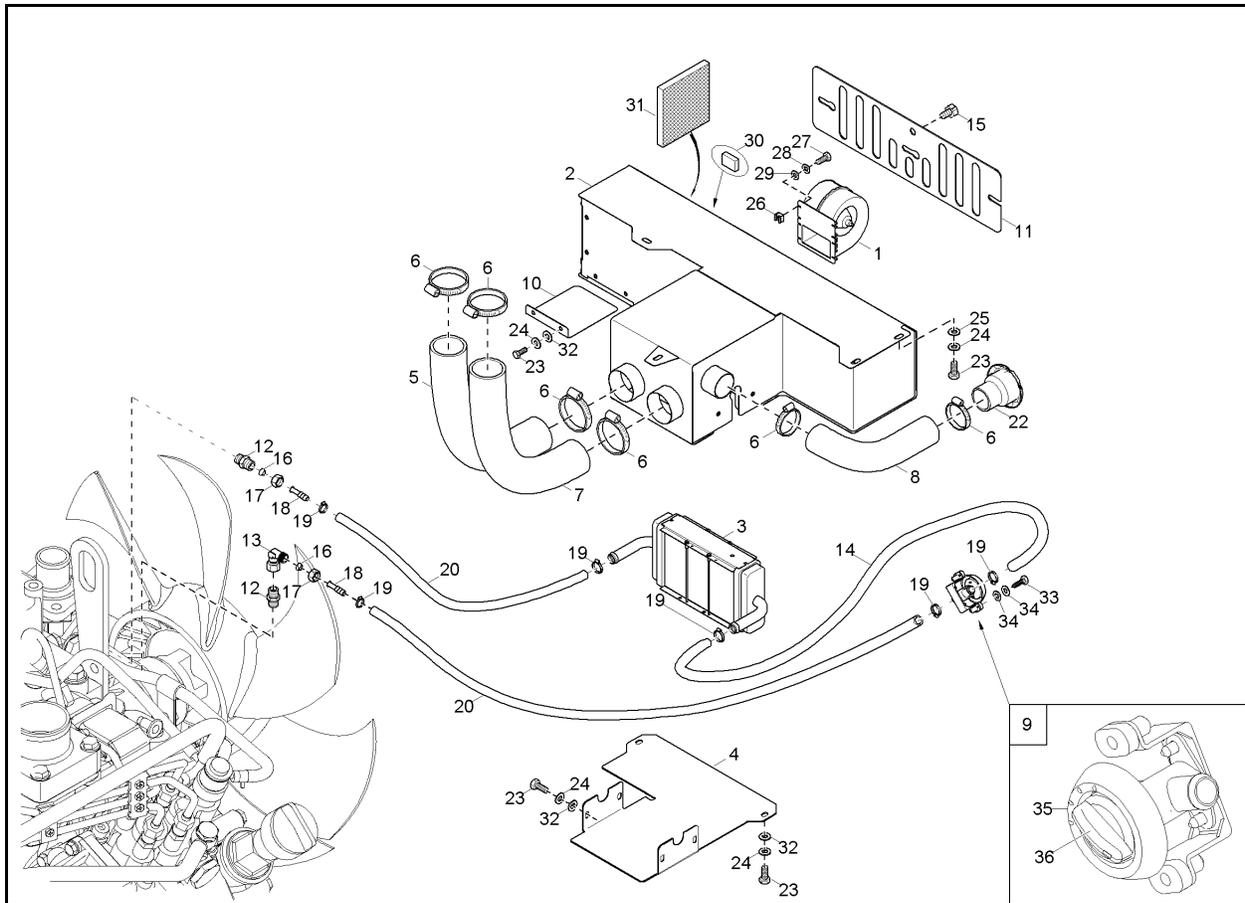
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177663	OPERATOR'S SEAT (CLOTH)	1	19	177971	RUBBER STUD	1
	162218	OPERATOR'S SEAT (LEATHER)	1	20	161631	KNOB D40MM	1
3	165588	SEAT BACK (CLOTH)	1	21	651516	SHCS M8-1.25X25 C8.8 ZY	8
	177387	SEAT BACK (LEATHER)	1	22	165952	NUT	9
5	165589	SEAT UPHOLSTERY (CLOTH)	1	23	160611	SPRING	1
	177388	SEAT UPHOLSTERY (LEATHER)	1	24	161848	SNAP RING	1
7	165824	HEADREST (CLOTH)	1	25	1429414G	ELEVATION ADJUSTMENT	1
	177386	HEADREST (LEATHER)	1	26	656048	HN M8-1.25 C8 ZY	3
9	177884	CONTROL LEVER CARRIER	2	27	651503	SHCS M5-0.8X12 C8.8 ZY	2
10	177826	ARM REST - RIGHT	1	28	161674	LOCKWASHER S16	2
11	177825	ARM REST - LEFT	1	29	161665	WASHER/GR A 5.3	2
12	177895	CONSOLE BRACKET - RT	1	30	161805	TUBE	1
13	177896	CONSOLE BRACKET - LT	1	31	161618	NUT/HEX DOMED CAP M8	2
14	177960	STRUT	1	32	651461	FHSCS M6-1X12 C8.8 ZY	2
15	177961	ANGLE	1	33	651448	LN INS M10-1.5 C8 ZY	1
16	177969	LEVER	1	34	7462680011	WASHER 8.4 ST A2C	1
17	177972	PIN	1	35	656093	CS M8-1.25X16 C8.8 ZY	1
18	177965	BRACKET	1	36	656090	CS M10-1.5X16 C8.8 ZY	2

503Z - OPERATOR'S SEAT**1000180031**

Ref.				Ref.			
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
37	161669	LOCKWASHER S10	4	50	164986	LIMITER (SN AC02978 and up)	2
38	161663	WASHER/GR A 10.5 ZO	2	51	9902111G	HEXAGON NUT (SN AC02978 and up)	2
39	177039	BRACKET	1	53	161730	PLUG	2
40	177209	SINKSCREW	1	54	207060	SEAT BELT, 2" RETRACTABLE	1
41	161660	WASHER GR A6.4 ZO DIN 125	1		809306	3" SEAT BELT KIT	1
42	651457	LN INS M6-1 C8 ZY	1	55	656105	CS M8-1.25X25 C8.8 ZO	4
43	177030	TENSION SCREW	1	56	163670	LOCKWASHER	4
44	164980	MICROSWITCH	1	57	163634	FLATWASHER	7
45	177031	TENSION LOCK NUT	1	58	202545	TRIM	1
46	177029	THREAD ROD	1	59	202554	ADHESIVE TAPE (1.20M)	1
47	162072	BALL AND SOCKET	1				
48	161668	WASHER/GR A 8.4 ZO DIN134	1				
49	177033	HEXAGON NUT	1				

503Z - HEATER

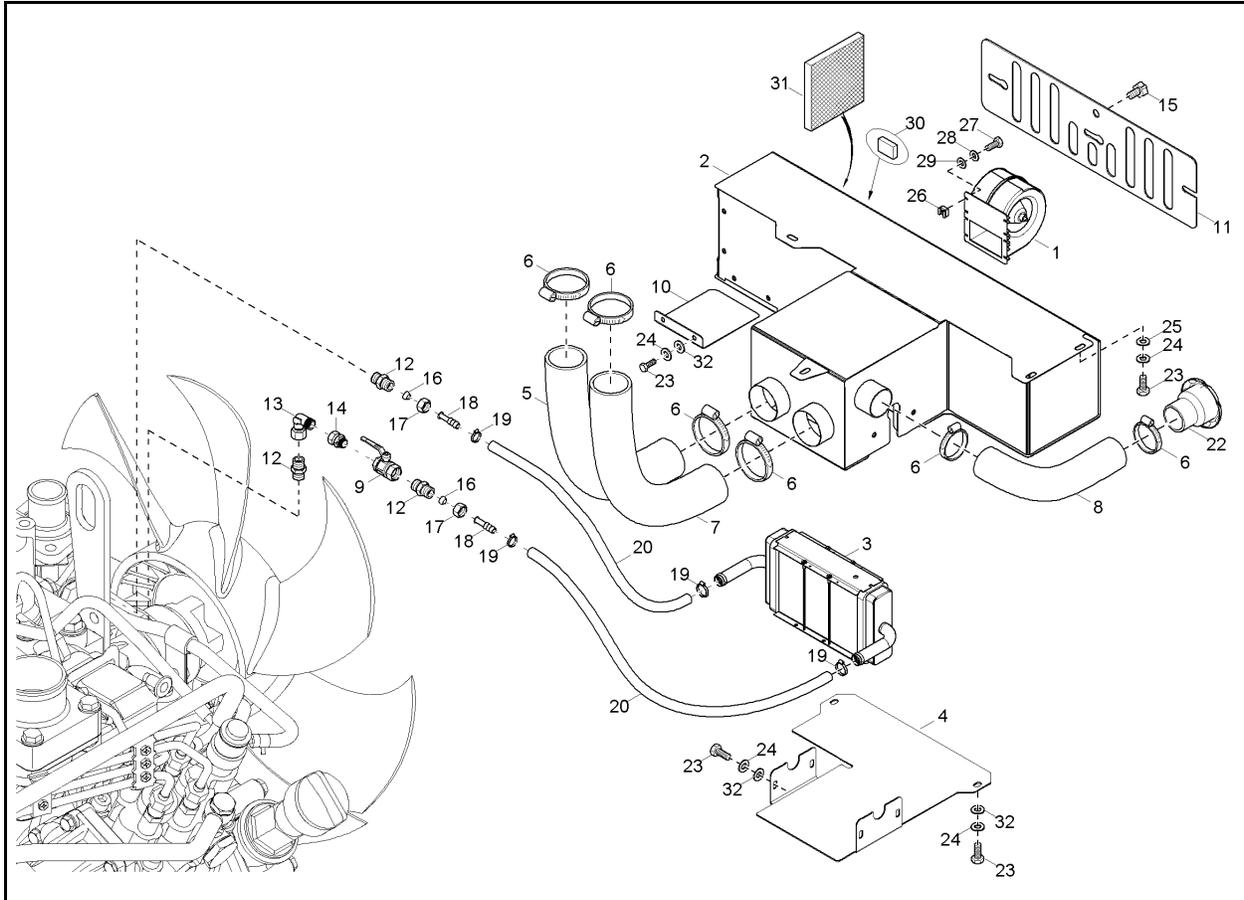
1000155675 - (SN AD04651 AND UP)



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 (5.00M)	2
3	177813	HEAT EXCHANGER	1	22	177656	AIR NOZZLE	1
4	177901	COVER	1	23	656093	CS M8-1.25X16 C8.8 ZY	12
5	206838	HOSE/AIR (0.75 M)	1	24	163670	LOCKWASHER	12
6	162611	HOSE CLAMP	6	25	7462680011	WASHER/GR A 8.4 ZO	4
7	206838	HOSE/AIR (0.75M)	1	26	206433	CAGE NUT	6
8	206840	HOSE/AIR (0.45M)	1	27	164908	SCREW	6
9	205843	WATER VALVE	1	28	161673	LOCKWASHER S4	6
10	177787	SLIDE	1	29	161658	WASHER/GR A 4.3 ZO DIN125	6
11	177786	PERFORATED PLATE (A/C ONLY)	1	30	206832	SEAL FOAM (2.0M)	1
12	161476	SCREW JOINT	2	31	177919	CABIN AIR FILTER	1
13	161445	90° FITTING	1	32	163634	FLATWASHER	8
14	205609	HEATER HOSE (0.40M)	1	33	204966	HEX SCREW	2
15	164983	KNOB M8X20	1	34	161660	WASHER GR A6.4 ZO DIN 125	4
16	161424	WASHER	2	35	205049	TRIM	1
17	7788010663	UNION NUT AL 12 VERZ.	2	36	205050	KNOB	1
18	160860	HOSE COVER	2				

503Z - HEATER

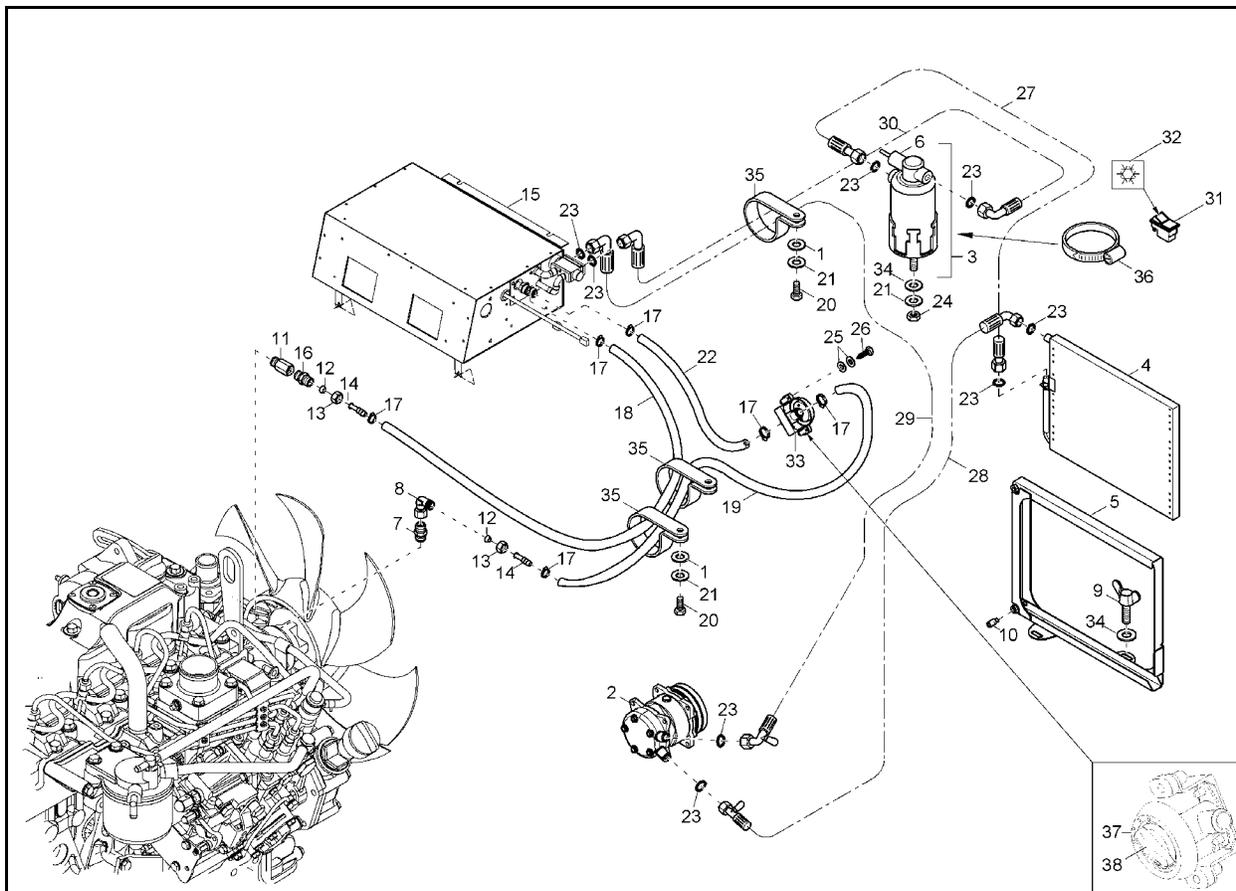
1000124983 - (SN AD04650 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177862	HEATER BLOWER	1	17	7788010663	UNION NUT AL 12 VERZ.	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 (5.00M)	2
5	206838	HOSE/AIR (0.75M)	1	22	177656	AIR NOZZLE	1
6	162611	HOSE CLAMP	6	23	656093	CS M8-1.25X16 C8.8 ZY	12
7	206838	HOSE/AIR (0.75M)	1	24	163670	LOCKWASHER	12
8	206840	HOSE/AIR (0.45M)	1	25	7462680011	WASHER 8.4 ST A2C	4
9	160950	BALL VALVE	1	26	206433	CAGE NUT	6
10	177787	SLIDE	1	27	164908	SCREW	6
11	177786	PERFORATED PLATE (A/C ONLY)	1	28	161673	LOCKWASHER S4	6
12	161476	SCREW JOINT	3	29	161658	WASHER/GR A 4.3 ZO DIN125	6
13	161445	90° FITTING	1	30	206832	SEAL FOAM (2.0M)	1
14	161477	SCREW JOINT	1	31	177919	CABIN AIR FILTER	1
15	164983	KNOB M8X20	1	32	163634	FLATWASHER	8
16	161424	WASHER	2				

503Z - AIR CONDITIONING INSTALLATION (OPTION)

1000180013 - (SN AH00579 AND UP)

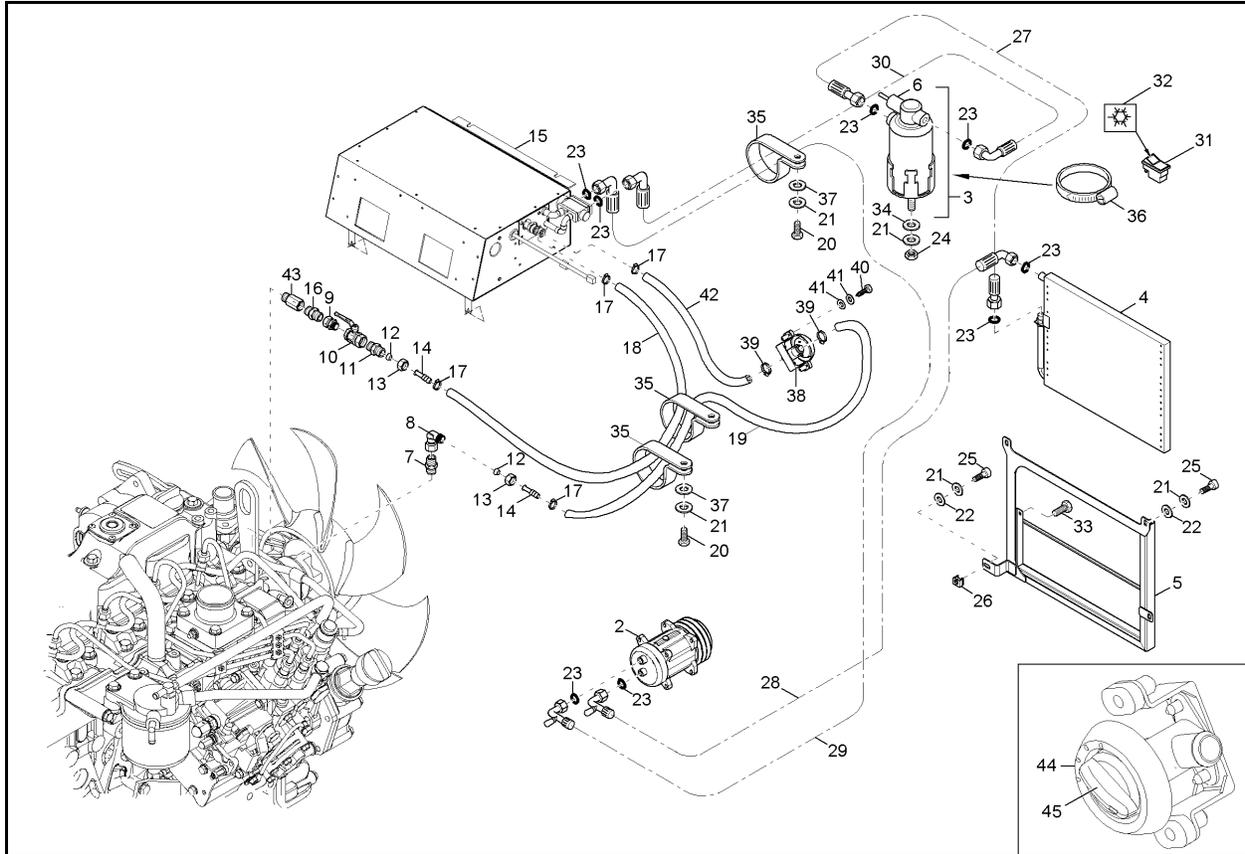


Ref. No.	Part No.	Description	Qty.
1	161668	WASHER/GR A 8.4 ZO DIN134	3
2	202546	AIR CONDITIONING COMPRESSOR See page 168 for individual components	1
3	177894	AIR-DRYER	1
4	177708	CONDENSER	1
5	202551	BRACKET/CONDENSER	1
6	206806	PRESSURE SWITCH	1
7	161491	SCREW JOINT	1
8	161445	90° FITTING	1
9	202552	THUMB SCREW	2
10	162479	SCREW MOUNT	2
11	161357	CONNECTOR	1
12	161424	WASHER	2
13	7788010663	UNION NUT AL 12 VERZ.	2
14	160860	HOSE COVER	2
15	177943	AIR CONDITIONING SYSTEM See page 167 for individual components	1
16	161429	SCREW JOINT 12L	1
17	162064	HOSE CLAMP	6
18	205186	HEATER HOSE (5.00M)	1
19	205186	HEATER HOSE (5.00M)	1

Ref. No.	Part No.	Description	Qty.
20	177648	HEX SCREW	3
21	163670	LOCKWASHER	4
22	205609	HEATER HOSE (0.40M)	1
23	206853	SEAL KIT	1
24	651458	LN INS M8-1.25 C8 ZY DIN6924	1
25	161660	WASHER GR A6.4 ZO DIN 125	4
26	204966	HEX SCREW	2
27	177525	HOSE/AIR CONDITIONING SYSTEM	1
28	177524	HOSE/AIR CONDITIONING SYSTEM	1
29	177523	HOSE/AIR CONDITIONING SYSTEM	1
30	177882	HOSE/AIR CONDITIONING SYSTEM	1
31	164883	LIGHT SWITCH	1
32	208247	AIR CONDITIONING SYMBOL	1
33	205843	WATER VALVE	1
34	163634	WASHER	3
35	165983	PIPE CLAMP	3
36	163210	HOSE CLAMP	1
37	205049	TRIM	1
38	205050	KNOB	1

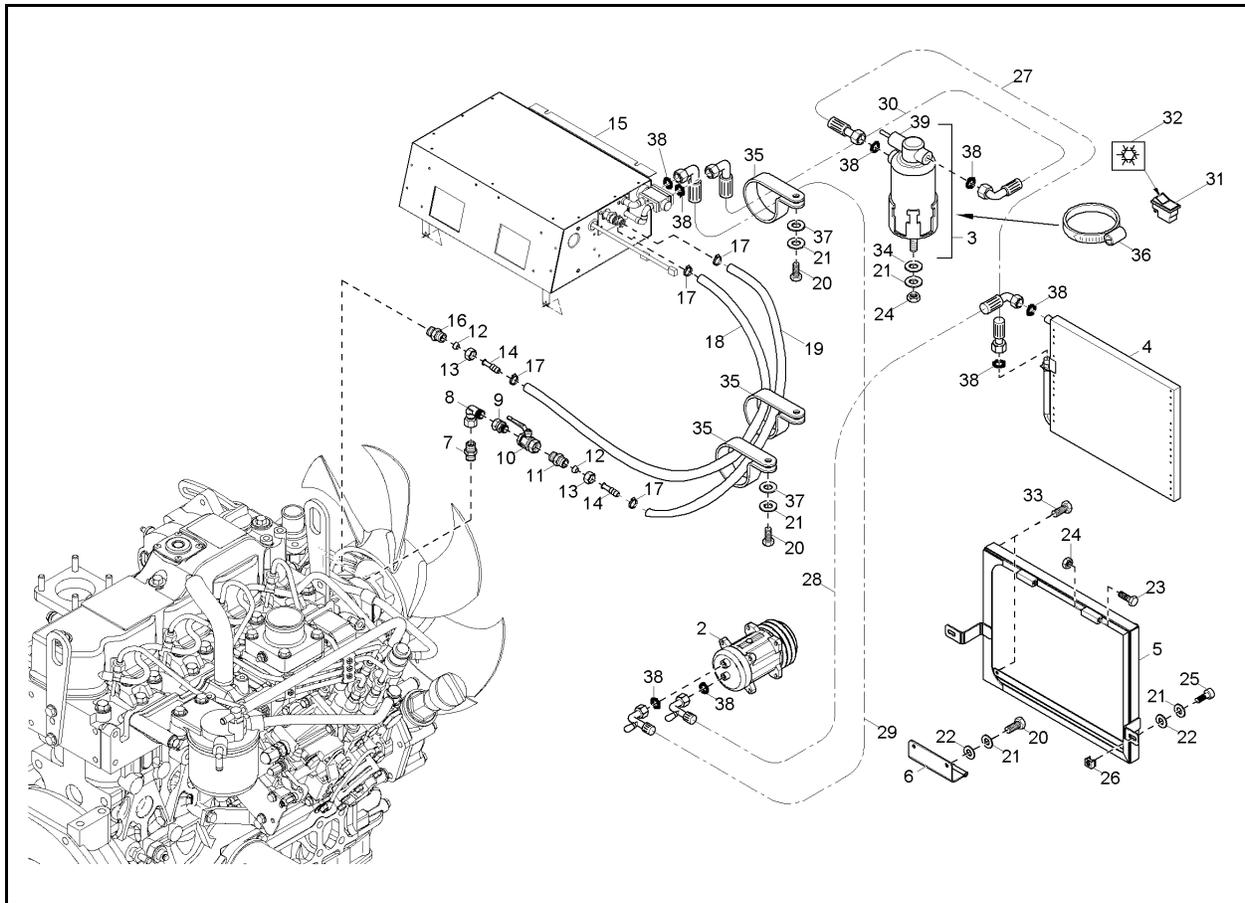
503Z - AIR CONDITIONING INSTALLATION (OPTION)

1000156123 - (SN AD04629 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	177736	COMPRESSOR/AIR CONDITIONING See page 169 for individual components	1	24	651458	LN INS M8-1.25 C8 ZY	2
3	177894	AIR-DRYER	1	25	651515	SHCS M8-1.25X20 C8.8 ZY	2
4	177708	CONDENSER	1	26	161615	NUT/CAGE M8	2
5	204969	BRACKET/CONDENSER	1	27	177525	HOSE/AIR CONDITIONING SYSTEM	1
6	206806	PRESSURE SWITCH	1	28	177524	HOSE/AIR CONDITIONING SYSTEM	1
7	161491	SCREW JOINT	1	29	177523	HOSE/AIR CONDITIONING SYSTEM	1
8	161445	90° FITTING	1	30	177882	HOSE/AIR CONDITIONING SYSTEM	1
9	161477	SCREW JOINT (SN AD04650 and before)	1	31	164883	LIGHT SWITCH	1
10	160950	BALL VALVE (SN AD04650 and before)	1	32	208247	AIR CONDITIONING SYMBOL	1
11	161476	SCREW JOINT (SN AD04650 and before)	1	33	206436	HEX SCREW	2
12	161424	WASHER	2	34	163634	FLATWASHER	1
13	7788010663	NUT	2	35	165983	PIPE CLAMP	3
14	160860	HOSE COVER	2	36	163210	HOSE CLAMP	1
15	177943	AIR CONDITIONING SYSTEM See page 167 for individual components	1	37	161668	SPACER	3
16	161429	SCREW JOINT	1	38	205843	WATER VALVE (SN AD04651 and up)	1
17	162064	HOSE CLAMP	4	39	162064	HOSE CLAMP (SN AD04651 and up)	2
18	206118	HEATER HOSE (4.0 M)	1	40	204966	HEX SCREW	2
19	206118	HEATER HOSE (4.0 M)	1	41	161660	WASHER GR A6.4 ZO DIN 125	4
20	177648	HEX SCREW	2	42	205609	HEATER HOSE (0.40M) (SN AD04651 and up)	1
21	163670	LOCKWASHER	4	43	161357	CONNECTOR	1
22	7462680011	WASHER/GR A 8.4 ZO	4	44	205049	TRIM	1
23	206853	SEAL KIT	1	45	205050	KNOB	1

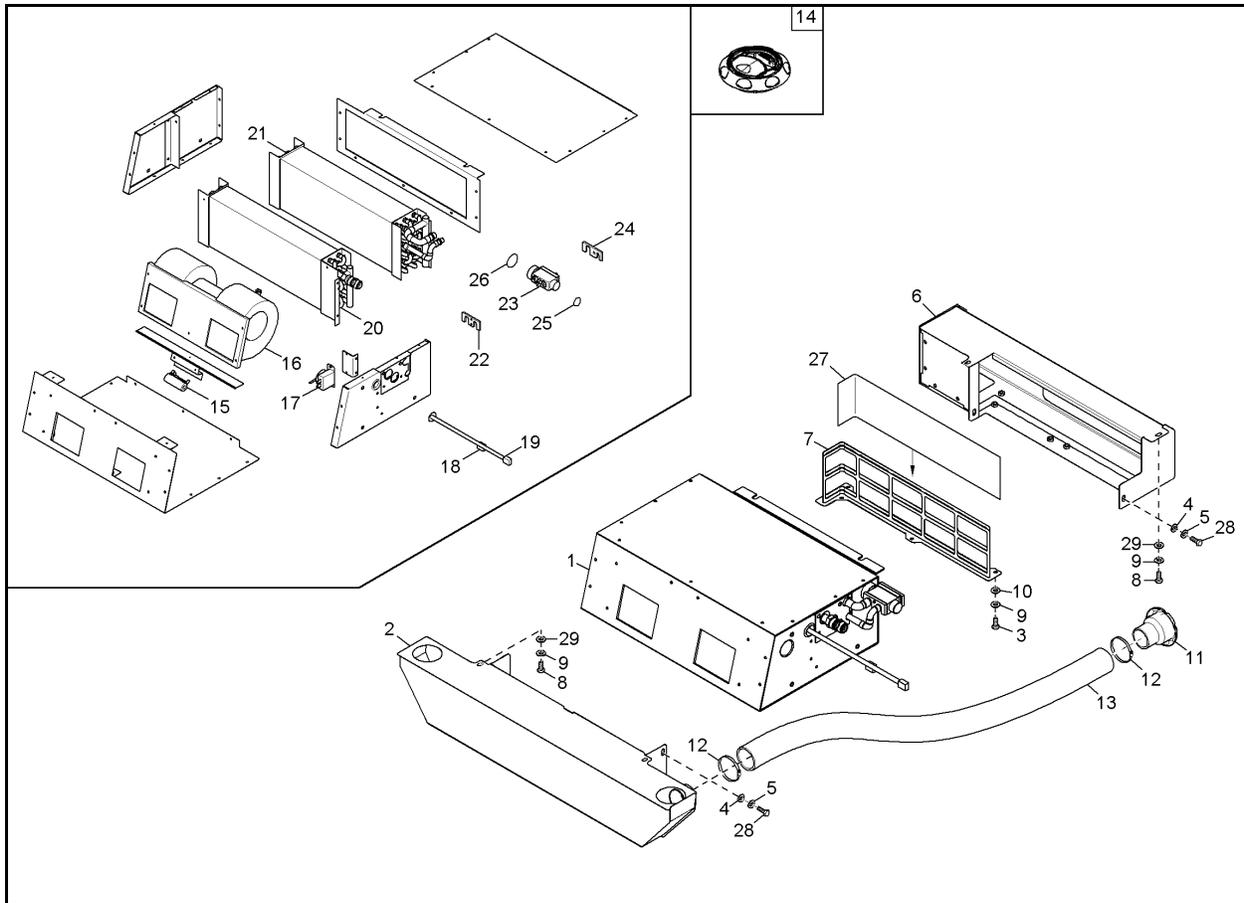
503Z - AIR CONDITIONING INSTALLATION (OPTION) 1000124044 - (SN AD04628 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	177736	COMPRESSOR/AIR CONDITIONING See page 169 for individual components	1	21	163670	LOCKWASHER	8
3	177894	AIR-DRYER	1	22	7462680011	WASHER 8.4 ST A2C	4
4	177708	CONDENSER	1	23	163347	SCREW	2
5	177774	BRACKET/CONDENSER	1	24	651458	LN INS M8-1.25 C8 ZY	3
6	177775	HINGE	1	25	651515	SHCS M8-1.25X20 C8.8 ZY	2
7	161491	SCREW JOINT	1	26	161615	NUT/CAGE M8	2
8	161445	90° FITTING	1	27	177525	HOSE/AIR CONDITIONING SYSTEM	1
9	161477	SCREW JOINT	1	28	177524	HOSE/AIR CONDITIONING SYSTEM	1
10	160950	BALL VALVE	1	29	177523	HOSE/AIR CONDITIONING SYSTEM	1
11	161476	SCREW JOINT	1	30	177882	HOSE/AIR CONDITIONING SYSTEM	1
12	161424	WASHER	2	31	164883	LIGHT SWITCH	1
13	7788010663	UNION NUT	2	32	208247	AIR CONDITIONING SYMBOL	1
14	160860	HOSE COVER	2	33	206436	HEX SCREW	2
15	177943	AIR CONDITIONING SYSTEM See page 167 for individual components	1	34	163634	FLATWASHER	1
16	161429	SCREW JOINT	1	35	165983	PIPE CLAMP	3
17	162064	HOSE CLAMP	4	36	163210	HOSE CLAMP	1
18	205186	HEATER HOSE (5.00M)	1	37	161668	SPACER	3
19	205186	HEATER HOSE (5.00M)	1	38	206853	SEAL KIT	1
20	177648	HEX SCREW	5	39	206806	PRESSURE SWITCH	1

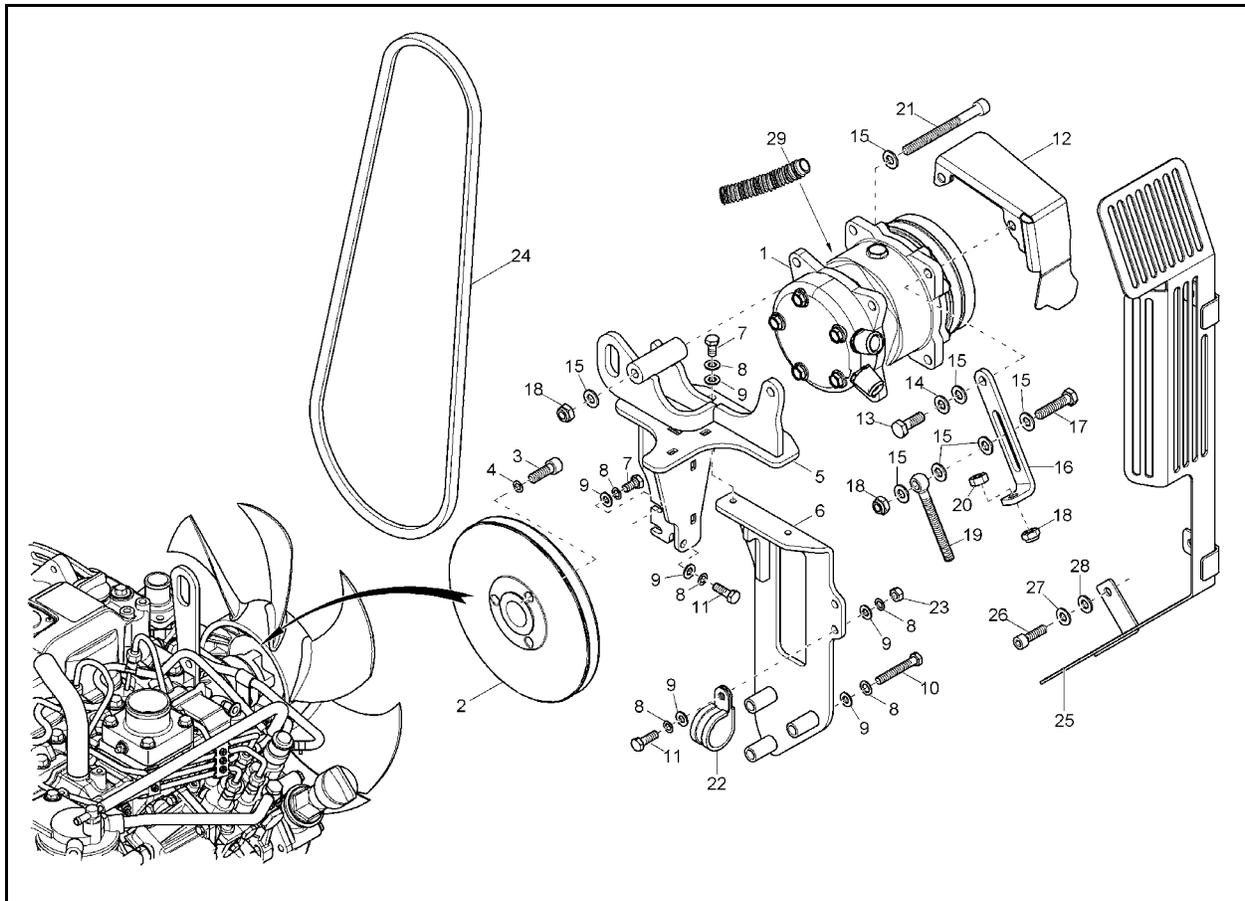
503Z - AIR CONDITIONING (OPTION)

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 M8-1.25X25 C8.8 ZY	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 M8-1.25X16 C8.8 ZY	4	23	177704	EXPANSION VALVE	1
9	163670	LOCKWASHER	8	24	178013	BRACKET	1
10	163634	FLATWASHER	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	HOSE/AIR (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				

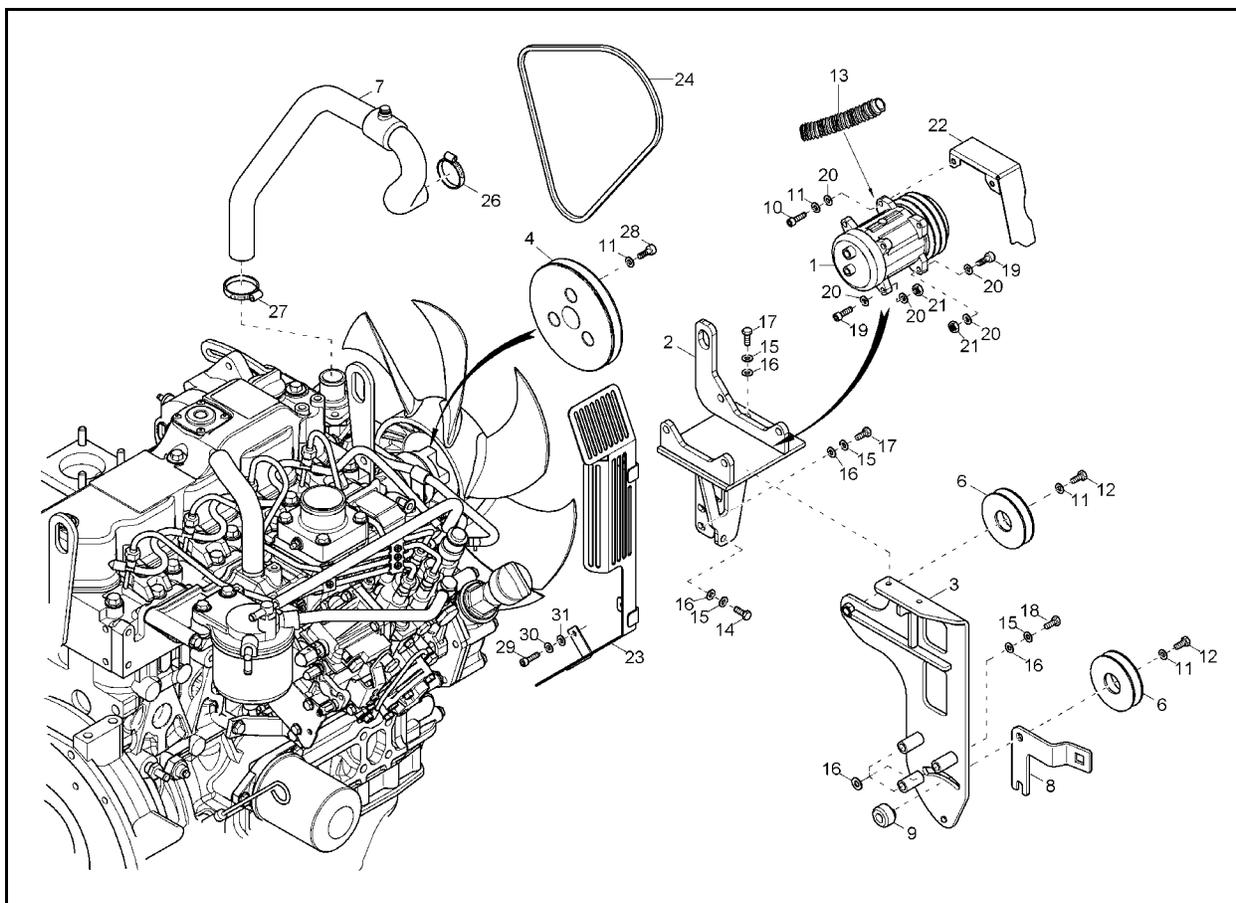
503Z - AIR CONDITIONING COMPRESSOR (OPTION) 1000180012 - (SN AH00579 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202546	AIR CONDITIONING COMPRESSOR	1	16	205627	BRACKET	1
2	202547	BELT PULLEY	1	17	205628	HEX SCREW	1
3	165942	SCREW	3	18	651448	LN INS M10-1.5 C8 ZY DIN6924	3
4	161669	LOCKWASHER S10	3	19	204871	EYE BOLT	1
5	202548	AIR CONDITIONING COMPRESSOR CONSOLE	1	20	656102	HN M10-1.25 F8 ZY DIN934	1
6	202549	COMPRESSOR BRACKET	1	21	179780	SCREW	1
7	177648	HEX SCREW	4	22	179855	HOSE COLLAR	1
8	163670	LOCKWASHER	10	23	656048	HN M8-1.25 C8 ZY DIN934	1
9	163634	WASHER	10	24	202550	V-BELT - A/C	1
10	656004	CS M8-1.25X55 C8.8 ZY DIN931	3	25	177929	FAN GUARD	1
11	656105	CS M8-1.25X25 C8.8 ZY DIN931	2	26	651507	SHCS M6-1X20 C8.8 ZY DIN912	4
12	177997	FAN COVER	1	27	161675	LOCKWASHER S6	4
13	656008	CS M10-1.5X30 C8.8 ZY DIN931	2	28	7462680008	WASHER	4
14	161669	LOCKWASHER S10	2	29	204972	CABLE HOSE (0.35M)	1
15	161640	WASHER/GR A 10.5	10				

503Z - AIR CONDITIONING COMPRESSOR (OPTION)

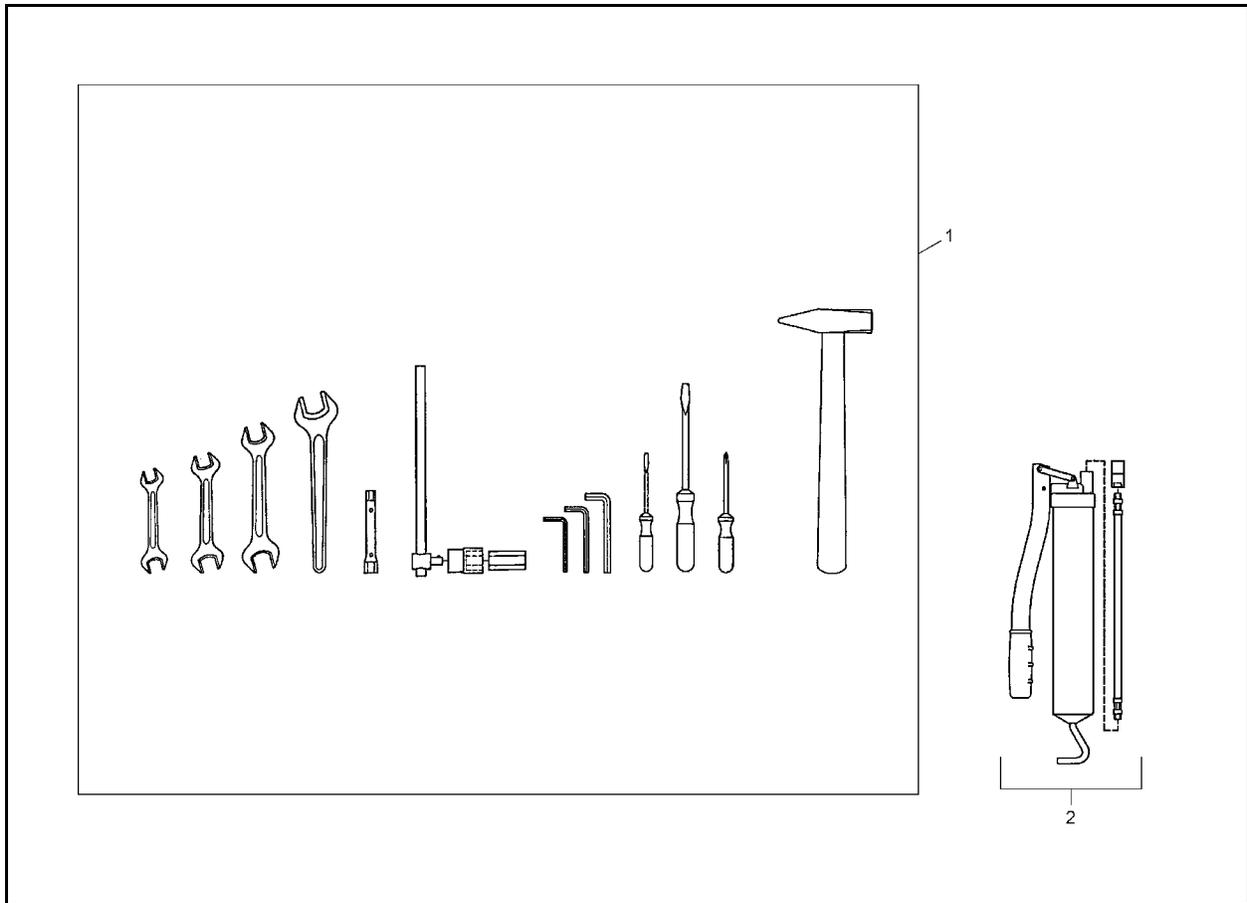
1000124026 - (SN AC02471 - AD07125)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177736	COMPRESSOR/AIR CONDITIONING	1	17	177648	HEX SCREW	4
2	177801	A/C COMPRESSOR BRACKET	1	18	656004	CS M8-1.25X55 C8.8 ZY DIN931	3
3	204758	COMPRESSOR BRACKET	1	19	162858	SCREW	4
4	204967	BELT PULLEY (SN AD04629 and up)	1	20	161640	WASHER/GR A 10.5	10
	177802	BELT PULLEY (SN AD04628 and before)	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	4
6	204989	TIGHTENER/PULLEY	2	22	177997	FAN COVER	1
7	206435	RADIATOR HOSE - A/C	1	23	177929	FAN GUARD	1
8	206434	ADJUSTER BRACKET	1	24	204968	V-BELT - A/C (SN AD04629 and up)	1
9	179400	NUT	1		177857	V-BELT - A/C (SN AD04628 and before)	1
10	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	2	26	177991	CLAMP	1
11	161669	LOCKWASHER S10	7	27	425-34853	CLAMP 38	1
12	205628	HEX SCREW	2	28	165942	SCREW	3
13	204972	CABLE HOSE (0.35M)	1	29	651507	SHCS M6-1X20 C8.8 ZY DIN912	3
14	656105	CS M8-1.25X25 C8.8 ZY DIN931	1	30	161675	LOCKWASHER S6	3
15	163670	LOCKWASHER	8	31	7462680008	WASHER	3
16	163634	WASHER	11				

503Z - TOOLS

1000125272



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177855	TOOL KIT	1	2	179733	GREASE GUN	1

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160638	120	2	160978	119	4	161350	91	6
160638	121	2	160979	121	1	161350	92	8
160638	122	2	160980	121	7	161350	93	8
160639	147	9	160981	120	6	161357	164	11
160639	148	9	160981	121	6	161357	165	43
160639	149	30	160983	120	10	161366	101	1
160639	151	2	160983	121	10	161367	102	2
160639	154	17	160983	122	10	161367	103	2
160639	155	17	160996	49	36	161367	104	2
160640	154	2	161003	85	1	161367	105	2
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160645	11	17	161018	85	3	161374	94	9
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161402	143	26	161426	49	28	161443	64	21
161402	147	19	161426	61	4	161443	65	5
161405	140	30	161426	62	3	161443	66	5
161405	141	30	161426	63	3	161443	68	4
161405	143	27	161426	63	11	161443	71	3
161409	140	10	161426	64	6	161443	73	6
161409	141	10	161426	65	6	161444	85	15
161411	124	4	161426	66	7	161445	85	15
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161412	87	6	161426	68	3	161445	163	13
161412	118	8	161426	69	2	161445	164	8
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161412	123	7	161426	71	2	161445	166	8
161412	138	18	161426	72	2	161446	55	8
161412	139	36	161426	73	2	161447	55	6
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161412	141	29	161427	34	10	161447	59	12
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161415	48	5	161427	49	29	161448	48	33
161415	49	5	161427	67	2	161448	49	33
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161422	87	7	161429	166	16	161450	51	11
161422	123	8	161430	48	31	161450	58	17
161422	124	5	161430	49	31	161450	59	17
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161468	124	9	161610	131	7	161640	129	4
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161476	166	11	161615	165	26	161640	139	9
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161663	43	22	161669	100	13	161675	70	4
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161985	4	6	162355	39	14	162611	163	6
161985	6	6	162392	10	1	162611	167	12
161986	4	7	162392	11	1	162613	138	14
161986	6	7	162393	10	2	162613	139	14
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161998	106	3	162398	66	12	162732	87	14
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162751	122	16	162924	146	15	163634	66	4
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162754	121	11	162924	148	20	163634	99	5
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165983	164	35	177219	154	34	177268	29	5
165983	165	35	177222	100	6	177269	20	8
165983	166	35	177234	22	2	177269	21	8
173330	4	18	177234	23	2	177270	18	3
173330	6	18	177236	12	4	177270	19	3
173331	4	19	177237	24	7	177271	24	4
173331	6	19	177237	25	7	177271	25	4
176103	58	1	177238	15	2	177273	24	3
176103	59	1	177239	16	8	177273	25	3
176925	154	23	177239	17	8	177274	24	1
176926	154	21	177240	13	7	177274	25	1
176928	154	3	177241	13	10	177275	24	2
176929	154	1	177242	12	21	177275	25	2
176930	154	35	177242	14	16	177278	12	16
176943	57	9	177242	15	16	177279	28	1
176944	57	10	177246	12	11	177279	29	1
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177283	26	14	177322	14	15	177367	15	13
177283	27	14	177322	15	15	177368	15	3
177284	26	13	177323	14	13	177369	15	4
177284	27	13	177323	15	22	177370	15	5
177285	26	12	177324	14	5	177371	15	6
177285	27	12	177324	15	26	177372	14	7
177286	28	3	177326	14	12	177372	15	7
177286	29	3	177326	15	23	177374	15	11
177288	13	9	177328	22	11	177375	15	12
177290	13	5	177328	23	11	177386	160	7
177291	12	6	177335	24	11	177387	160	3
177292	12	5	177335	25	11	177388	160	5
177293	12	2	177339	24	12	177400	14	18
177295	12	7	177339	25	12	177400	15	18
177296	12	8	177344	26	10	177400	33	3
177297	12	9	177344	27	10	177401	33	6
177300	18	6	177346	18	2	177402	16	5
177300	19	6	177346	19	2	177402	17	5
177301	20	3	177348	26	11	177410	33	8
177301	21	3	177348	27	11	177415	25	17
177302	19	4	177350	12	13	177436	4	
177303	18	5	177353	21	1	177436	6	
177303	19	5	177354	21	2	177441	4	22
177304	28	2	177356	20	9	177441	6	22
177304	29	2	177356	21	9	177442	4	20
177313	20	4	177357	20	7	177442	6	20
177313	21	4	177357	21	7	177443	4	23
177314	20	9	177358	26	16	177443	6	23
177314	21	9	177358	27	16	177444	4	24
177315	20	12	177359	22	1	177444	6	24
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177523	165	29	177648	133	8	177672	75	3
177523	166	29	177648	153	14	177672	76	5
177524	164	28	177648	164	20	177672	80	7
177524	165	28	177648	165	20	177672	90	7
177524	166	28	177648	166	20	177673	56	6
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177630	9	3	177654	48	37	177678	129	15
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177631	8	5	177655	167	14	177679	37	5
177631	9	5	177656	162	22	177682	140	28
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177633	9	1	177658	139	39	177689	49	14
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177646	94	13	177660	126	4	177693	138	22
177646	95	13	177662	167	17	177693	139	22
177646	96	13	177663	160	1	177695	143	4
177646	114	6	177664	36	7	177696	126	5
177647	100	5	177664	37	7	177697	167	15
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177710	45	18	177740	139	23	177772	133	1
177711	55	1	177741	140	7	177773	44	6
177711	115	7	177741	141	7	177773	45	6
177713	127	1	177742	139	11	177774	166	5
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177723	119	1	177753	138	26	177789	167	6
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177819	130	24	177857	169	24	177887	100	2
177820	132	5	177858	129	6	177888	137	1
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177908	137	8	177937	134	5	177967	137	11
177909	143	8	177937	135	5	177968	140	22
177910	88	12	177938	45	2	177968	141	22
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177994	45	17	178028	144	7	178047	112	2
177996	44	20	178028	145	7	178048	112	3
177996	45	20	178028	146	7	178050	157	9
177997	168	12	178028	150	29	178051	36	8
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177998	57	5	178029	145	11	178051	43	29
177999	81	2	178029	146	11	178053	153	22
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178002	81	4	178030	146	12	178059	156	7
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178004	82	8	178031	146	14	178062	88	15
178005	82	10	178032	144	18	178063	105	6
178006	52	7	178032	145	18	178064	105	7
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178010	167	20	178033	146	22	178067	121	3
178011	167	21	178034	144	19	178067	122	3
178012	167	22	178034	145	19	178068	80	2
178013	167	24	178034	146	19	178069	56	13
178014	117	2	178035	146	29	178070	56	10
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178092	60	17	179096	143	32	179843	51	2
178093	60	18	179116	55	14	179843	57	2
178094	60	19	179117	55	12	179843	58	11
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178096	60	21	179138	61	1	179850	62	11
178097	60	22	179138	118	10	179850	63	12
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178100	60	25	179166	118	13	179857	139	27
178103	154	6	179166	119	13	179865	49	34
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178104	156	5	179168	119	16	183963	6	28
178105	151	1	179173	122	7	184043	4	27
178107	97	7	179174	122	1	184043	6	27
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178109	141	21	179304	142	5	184306	6	29
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201764	153	42	202487	36	1	202527	128	6
201765	152	18	202488	36	9	202528	128	7
201766	152	19	202489	36	21	202529	128	28
201767	152	21	202490	36	22	202530	132	1
201768	152	22	202491	40	1	202531	132	12
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201830	63	18	202496	43	1	202535	136	11
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202467	12	5	202506	50	1	202545	161	58
202468	12	25	202506	51	1	202546	164	2
202469	12	26	202507	53	5	202546	168	1
202470	12	27	202508	53	6	202547	168	2
202471	14	1	202509	52	11	202548	168	5
202472	14	2	202510	58	3	202549	168	6
202473	18	4	202511	58	20	202550	168	24
202474	20	1	202512	58	22	202551	164	5
202475	20	2	202513	70	1	202552	164	9
202476	22	16	202514	70	6	202553	48	17
202477	8	3	202515	75	2	202554	161	59
202477	9	3	202516	77	1	204758	169	3
202477	24	15	202517	77	2	204795	22	15

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204847	51	14	204970	52	2	205117	60	27
204847	74	8	204972	168	29	205137	128	11
204871	168	19	204972	169	13	205137	129	11
204886	140	1	204989	169	6	205143	125	2
204887	141	1	204993	128	18	205144	125	5
204906	147	7	204993	129	18	205145	125	6
204906	148	7	204993	130	18	205146	125	9
204906	149	15	204995	78	1	205150	147	18
204945	44	2	204995	138	41	205150	148	17
204946	44	12	205000	34	1	205164	124	7
204947	48	24	205000	35	1	205169	114	1
204947	49	23	205009	20	5	205170	114	2
204948	52	1	205009	21	5	205172	76	7
204949	52	4	205010	33	10	205173	114	8
204950	52	5	205011	150	7	205186	162	20
204951	52	6	205012	150	25	205186	163	20
204952	52	19	205013	150	1	205186	164	18
204953	88	15	205014	150	15	205186	164	19
204954	88	16	205015	96	5	205186	166	18
204955	78	3	205015	150	16	205186	166	19
204956	78	20	205016	150	18	205363	112	4
204956	79	20	205017	39	2	205400	128	21
204957	82	8	205018	39	7	205400	129	21
204958	82	10	205019	39	8	205400	130	21
204959	136	16	205020	39	10	205475	52	3
204959	137	16	205021	96	2	205490	138	43
204960	136	10	205022	96	16	205494	88	23
204960	137	17	205025	96	17	205495	136	15
204961	134	1	205049	162	35	205495	137	15
204962	138	1	205049	164	37	205496	136	13
204963	138	16	205049	165	44	205496	137	13
204964	138	27	205050	162	36	205497	136	14
204965	140	12	205050	164	38	205497	137	14
204965	141	12	205050	165	45	205499	36	2
204966	162	33	205054	147	22	205499	37	2
204966	164	26	205054	148	22	205505	48	23
204966	165	40	205071	146	1	205505	49	48
204967	169	4	205089	126	1	205509	138	35
204968	169	24	205090	125	1	205509	140	3

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205512	140	3	205929	144	34	206132	57	11
205512	141	3	205929	145	41	206133	57	12
205515	138	35	205930	68	1	206134	57	13
205515	140	3	205932	144	33	206135	57	14
205515	141	3	205932	145	40	206136	151	9
205517	138	35	205932	152	13	206155	144	5
205517	140	3	205932	153	16	206155	145	5
205517	141	3	205940	97	9	206155	146	5
205522	129	1	205972	134	7	206155	150	34
205523	131	1	205998	62	8	206156	144	10
205526	128	25	205999	62	7	206156	145	10
205526	129	2	206002	62	13	206156	146	10
205531	63	1	206003	97	5	206156	150	13
205544	106	1	206015	79	1	206157	48	25
205545	108	1	206015	138	41	206157	49	47
205605	144	27	206015	139	40	206173	144	28
205605	145	27	206028	4	25	206173	145	28
205609	162	14	206028	6	25	206251	14	3
205609	164	22	206069	12	10	206347	40	4
205609	165	42	206094	124	13	206375	50	6
205627	168	16	206110	143	15	206375	51	6
205628	168	17	206111	143	28	206376	139	1
205628	169	12	206117	9	2	206380	12	14
205671	114	7	206118	165	18	206381	12	15
205694	147	6	206118	165	19	206382	12	17
205694	148	6	206119	115	25	206383	12	18
205701	52	10	206119	139	35	206385	12	22
205701	52	18	206120	115	25	206387	13	2
205702	52	12	206120	139	35	206388	13	4
205708	58	26	206121	115	25	206389	13	11
205724	68	2	206121	139	35	206391	14	10
205777	128	3	206122	134	6	206391	15	10
205838	78	14	206122	135	7	206393	16	1
205842	4	26	206124	115	25	206394	18	1
205842	6	26	206124	139	35	206394	19	1
205843	162	9	206125	34	23	206395	22	14
205843	164	33	206125	35	19	206395	23	14
205843	165	38	206126	130	3	206396	27	1

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206403	34	21	206797	146	28	206879	144	29
206403	35	17	206799	144	30	206879	145	29
206405	44	25	206799	145	30	206884	153	15
206405	45	25	206799	146	30	206886	150	17
206406	48	43	206806	164	6	206909	20	10
206406	49	43	206806	165	6	206909	21	6
206407	48	44	206806	166	39	206953	156	6
206407	49	44	206811	118	21	206979	156	6
206408	58	9	206811	119	25	207028	75	1
206408	59	9	206822	146	27	207031	14	9
206409	58	21	206824	124	8	207031	15	9
206409	59	20	206832	162	30	207036	18	7
206410	58	23	206832	163	30	207036	19	7
206410	59	23	206834	151	11	207046	33	1
206413	66	1	206835	153	28	207057	108	2
206416	80	1	206835	154	12	207060	161	54
206418	82	3	206835	155	12	207064	39	9
206419	82	3	206836	154	24	207113	144	26
206420	84	1	206836	155	24	207113	145	26
206421	84	2	206838	162	5	207113	146	26
206422	120	1	206838	162	7	207160	133	18
206423	120	7	206838	163	5	207160	133	19
206424	135	6	206838	163	7	207162	34	19
206426	138	11	206840	162	8	207163	132	18
206427	147	18	206840	163	8	207166	155	6
206427	148	18	206840	167	13	207167	154	38
206428	147	1	206848	102	1	207211	144	35
206428	148	19	206849	34	15	207263	36	3
206432	150	4	206849	48	39	207263	43	30
206432	156	1	206849	49	39	207269	36	4
206433	162	26	206850	44	26	207270	25	19
206433	163	26	206850	45	26	207270	37	3
206434	169	8	206853	164	23	207270	37	4
206435	44	27	206853	165	23	207271	37	1
206435	45	27	206853	166	38	207290	16	11
206435	169	7	206877	128	26	207290	17	11
206436	49	25	206877	129	3	207293	152	20
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207293	155	13	208213	150	20	209909	43	25
207351	74	1	208213	157	16	209922	22	10
207358	74	2	208214	150	21	209922	23	10
207382	27	2	208214	157	17	209933	26	17
207405	50	13	208215	150	22	209933	27	17
207405	51	13	208215	157	18	270738	30	14
207405	74	7	208216	150	23	651393	43	23
207419	152	1	208216	157	19	651393	48	27
207419	153	1	208217	150	24	651393	49	45
207420	153	2	208217	157	20	651393	132	2
207421	152	6	208218	149	26	651393	133	2
207421	153	6	208224	34	16	651395	61	11
207422	153	7	208224	48	40	651395	118	11
207423	153	9	208224	49	40	651395	119	11
207424	153	10	208225	34	17	651397	10	13
207425	153	10	208225	48	41	651397	11	13
207426	153	13	208225	49	41	651397	36	23
207428	152	16	208226	34	18	651400	143	19
207428	153	19	208226	48	42	651404	142	2
207430	153	21	208226	49	42	651411	143	16
207430	154	30	208247	164	32	651416	118	18
207430	155	30	208247	165	32	651416	119	18
207433	153	30	208247	166	32	651423	132	21
207435	153	38	208279	104	6	651424	40	14
207436	153	38	208280	104	7	651424	98	10
207439	152	17	208305	58	24	651424	151	15
207439	153	20	208305	59	24	651428	67	5
207443	17	12	209196	94	11	651430	153	25
207466	43	18	209196	95	11	651430	154	33
207466	44	19	209196	96	11	651430	155	33
207466	45	19	209197	94	12	651433	138	33
207532	34	20	209197	95	12	651433	139	33
207532	35	16	209197	96	12	651438	36	11
207894	48	36	209474	24	14	651438	37	11
208161	14	6	209474	25	15	651440	138	40
208161	15	25	209475	33	2	651440	140	11
208209	24	13	209482	20	6	651440	141	11
208209	25	21	209482	21	10	651446	143	2
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651448	59	4	651458	144	9	651504	152	32
651448	103	6	651458	144	13	651505	159	13
651448	128	5	651458	145	9	651507	62	4
651448	129	5	651458	146	9	651507	63	4
651448	130	5	651458	150	31	651507	149	19
651448	151	20	651458	151	19	651507	168	26
651448	160	33	651458	152	7	651507	169	29
651448	168	18	651458	153	8	651508	38	4
651448	169	21	651458	159	9	651508	39	4
651451	118	19	651458	164	24	651514	167	8
651451	119	19	651458	165	24	651515	47	3
651456	144	21	651458	166	24	651515	48	9
651456	145	21	651461	160	32	651515	49	9
651456	146	21	651466	78	19	651515	165	25
651457	40	7	651466	155	25	651515	166	25
651457	98	12	651472	64	11	651516	160	21
651457	138	6	651472	87	3	656002	44	11
651457	139	5	651473	10	6	656002	45	11
651457	144	16	651473	11	6	656002	152	10
651457	145	16	651473	50	10	656002	153	43
651457	146	16	651473	51	10	656004	138	19
651457	147	21	651473	169	10	656004	139	18
651457	148	21	651475	44	3	656004	168	10
651457	161	42	651475	45	3	656004	169	18
651458	30	9	651475	131	8	656006	43	2
651458	31	9	651480	42	4	656006	46	2
651458	32	9	651483	66	11	656006	58	6
651458	40	12	651485	120	4	656006	59	6
651458	44	10	651485	121	4	656006	78	11
651458	45	10	651485	122	4	656006	79	11
651458	98	4	651490	118	5	656006	81	10
651458	105	8	651490	119	5	656006	83	9
651458	115	24	651495	119	22	656006	100	12
651458	128	20	651497	55	2	656006	115	23
651458	129	20	651497	115	8	656006	128	12
651458	130	20	651501	143	25	656006	129	12
651458	138	13	651502	39	11	656006	130	12
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656006	135	2	656094	153	12	7462680011	31	10
656006	138	7	656102	36	25	7462680011	32	10
656006	139	7	656102	168	20	7462680011	43	16
656006	140	4	656105	40	9	7462680011	44	9
656006	141	4	656105	43	14	7462680011	45	9
656008	115	18	656105	66	2	7462680011	98	3
656008	168	13	656105	128	8	7462680011	128	16
656040	126	6	656105	161	55	7462680011	132	10
656040	127	2	656105	167	3	7462680011	133	10
656047	40	3	656105	168	11	7462680011	160	34
656047	43	19	656105	169	14	7462680011	162	25
656047	149	25	656128	124	2	7462680011	163	25
656048	33	16	656128	149	11	7462680011	165	22
656048	40	10	656149	158	4	7462680011	166	22
656048	128	23	656172	68	5	7469172005	125	3
656048	152	14	656172	69	4	7733661603	114	4
656048	153	17	809306	161	54	7788010663	162	17
656048	154	32	809345	104	11	7788010663	163	17
656048	155	32	809345	105	12	7788010663	164	13
656048	160	26	0003320872	94	19	7788010663	165	13
656048	168	23	0003320872	95	19	7788010663	166	13
656050	143	14	0003320872	96	19	1408450G	71	1
656090	10	16	0003325912	114	5	1410401G	38	2
656090	11	16	0003330467	114	3	1423029G	64	12
656090	143	33	0003331306	94	4	1423030G	64	13
656090	160	36	0003331306	95	4	1423414G	144	24
656092	40	6	0003331306	96	4	1423414G	145	24
656092	104	9	0003634062	16	10	1423414G	146	24
656093	43	26	0003638466	50	12	1423440G	154	19
656093	101	2	0003638466	51	12	1423440G	155	19
656093	143	35	0003638466	51	17	1424418G	153	31
656093	160	35	0003638466	75	9	1424418G	154	9
656093	162	23	0210110506	13	3	1424418G	155	9
656093	163	23	7462680008	36	20	1424419G	153	33
656094	30	8	7462680008	37	20	1424419G	154	10
656094	31	8	7462680008	70	5	1424419G	155	10
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1424420G	153	37	425-34853	43	9	9901152G	147	16
1424420G	154	28	425-34853	44	15	9901152G	148	16
1424420G	155	28	425-34853	45	15	9901152G	149	28
1429414G	160	25	425-34853	169	27	9901152G	152	3
1528406G	52	14	425-35492	29	4	9901152G	153	3
1528407G	52	15	425-36006	13	1	9901152G	154	29
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425-34661	24	6	425-36087	17	1	9901427G	143	5
425-34661	25	6	425-36101	32	5	9902111G	161	51
425-34683	25	13	425-36152	25	18	9910346G	61	2
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NOTES

TORQUE SPECIFICATIONS

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

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

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

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

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

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

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

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

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