

GEHL®

Form No.
918076
Revision C
May 2008

803

Compact Excavator

Beginning Serial Number: AC02528



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

TABLE OF CONTENTS

Introduction.....	Inside Front Cover	58
Table of Contents.....	1	59
Decal Locations	4	60
Diesel Engine - Tier III	8	62
Diesel Engine - Tier II	9	63
Engine Mounts - Tier III.....	10	64
Engine Mounts - Tier II	11	67
Cylinder Head, Valve Cover.....	12	68
Cylinder Block.....	13	70
Seal - Crankshaft - Tier III.....	14	72
Seal - Crankshaft - Tier II	15	72
Oil Pan - Tier III	16	73
Oil Pan - Tier II.....	17	74
Camshaft - Tier III	18	75
Camshaft - Tier II	19	76
Crankshaft, Piston - Tier III	20	77
Crankshaft, Piston - Tier II	21	78
Lubrication - Tier III	22	79
Lubrication - Tier II	23	80
Cooling System - Tier III.....	24	82
Cooling System - Tier II	25	83
Fuel Injection System - Tier III	26	84
Fuel Injection System - Tier II.....	27	86
Engine Air Filter - Tier III	28	87
Engine Air Filter - Tier II	29	88
Intake Manifold - Tier III.....	30	89
Intake Manifold - Tier II	31	90
Exhaust Components - Tier III	32	92
Exhaust Components - Tier II	33	93
Diesel Tank	34	94
Hydraulic Pump Drive	35	95
Fuel Supply - Tier III	36	96
Fuel Supply - Tier II	37	98
Auto Idle/Throttle - Tier III	38	99
Throttle Lever - Tier II.....	39	100
Radiator - Tier III	40	102
Radiator - Tier II	41	103
Turntable Drive Unit Installation.....	44	104
Turntable Drive Unit.....	46	106
Oil Cooler	47	107
Pilot Control Drive Unit	48	108
Drive Motor Installation	50	110
Drive Motor (Mag 50)	52	112
Drive Motor (Mag 44)	53	113
Hydraulic Oil Tank	55	114

TABLE OF CONTENTS

Wire Harness - Chassis, Engine.....	115	Engine Hood - Tier II.....	146
Wire Harness - Chassis	117	Tank Cover	148
Wire Harness - Oil Control	118	Partition Wall	149
Wire Harness - Armrest	119	Isolation Mats	152
Wire Harness - Switch	120	Undercarriage Cover.....	155
Wire Harness - Work Light - Front.....	122	Chassis Cover	156
Wire Harness - Cab.....	123	Mirrors	158
Wire Harness - Auto-Idle (Option)	124	Boom.....	159
Wire Harness - Proportional Control (Option).....	126	Dipper Arm - Short	160
Dozer Blade	127	Dipper Arm - Long (Option)	162
Undercarriage, Rubber Track.....	128	Cab Mounting	164
Rubber Track	129	Cab Frame 1	165
Undercarriage, Steel Track (Option).....	130	Cab Frame 2	168
Steel Track (Option)	131	Cab Door.....	171
Track Tensioner, Rubber Track	132	Windshield	172
Track Tensioner, Steel Track (Option)	134	Cabin Windows.....	175
Track Roller (Rubber Track)	136	Cab Trim	176
Bottom Roller	137	Operator's Seat	178
Top Roller	138	Heater	180
Top Roller	139	Air Conditioning (Option)	182
Chassis	140	Air Conditioning Compressor (Option) ...	183
Lubrication.....	141	Air Conditioning Installation (Option)	185
Counterweight.....	142	Rotating Beacon (Option)	188
Counterweight (Option).....	144	Tools	189
Engine Hood - Tier III	145	Alphabetical Index	191
		Numerical Index	193

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

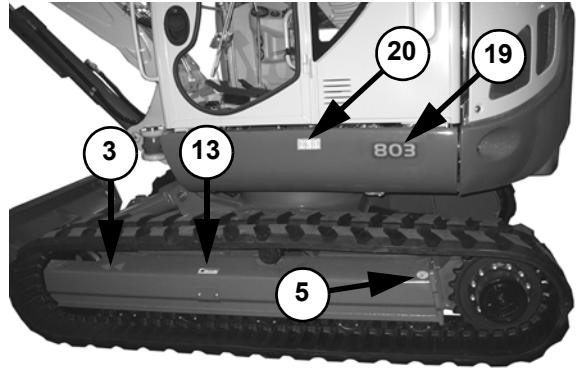
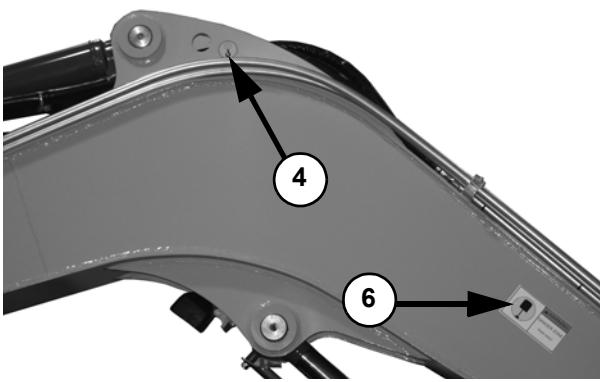
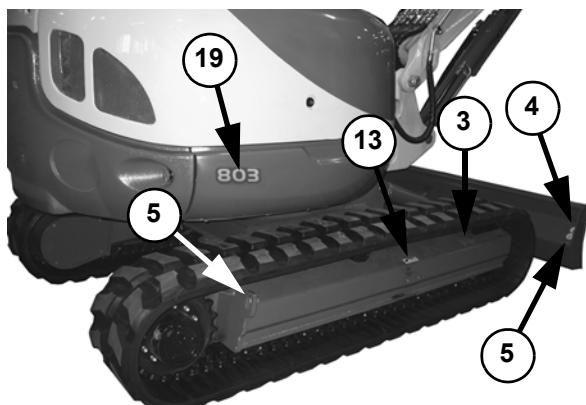
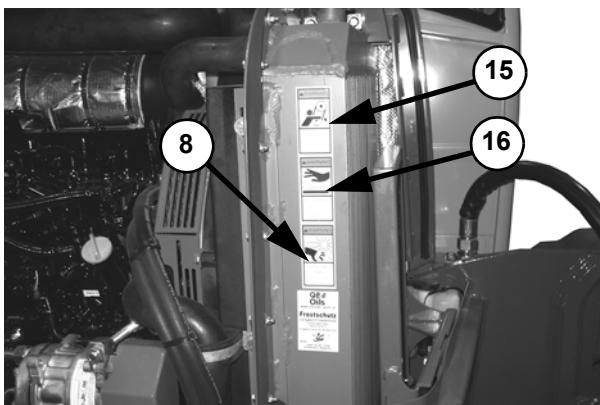
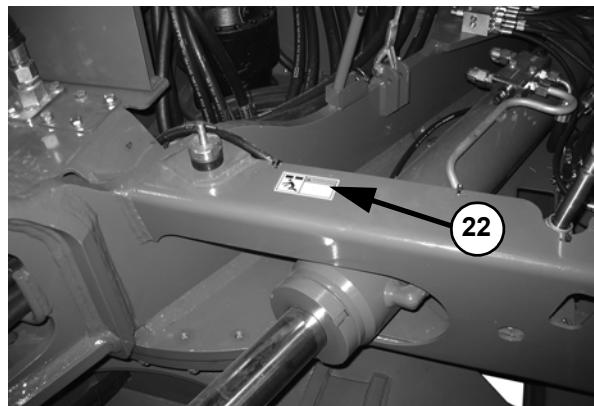
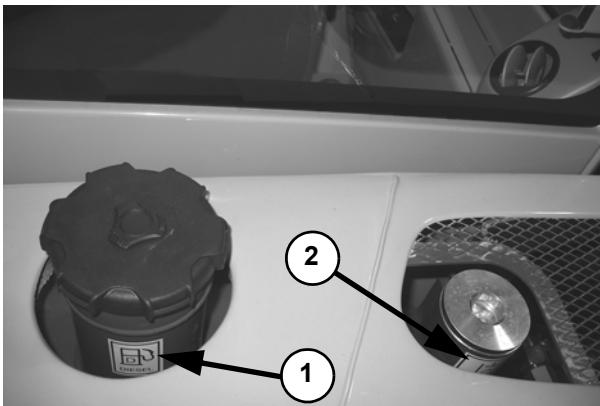
Use this list to order paint for refinishing:

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 803 Compact Excavator is listed below:

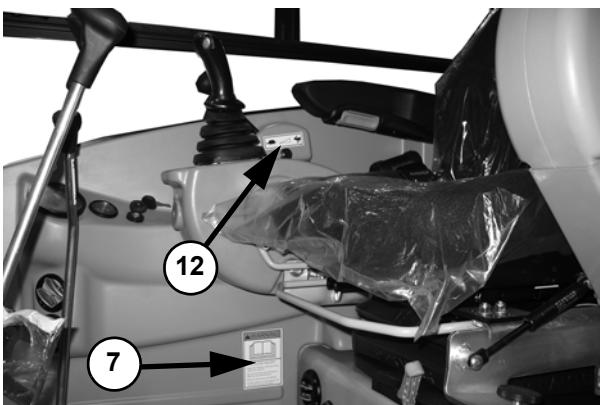
Ref. No.	Part No.	Decal/Part Description	Qty.
	176918	Decal Kit - 803	1
1	161965	Decal/Diesel Fuel	1
2	161966	Decal/Hydraulic Oil	1
3	161970	Decal/Arrow	2
4	161981	Decal/Lift Point	4
5	161982	Decal/Tiedown Point	4
6	161985	Decal/Warning Keep Away	2
7	161986	Decal/Warning Read Manual	1
8	161987	Decal/Warning Rotating Fan	2
9	162450	Decal/Travel Left	1
10	162451	Decal/Travel Right	1
11	163973	Decal/Warning Mandatory Shutdown	1
12	163974	Decal/Throttle Speed	1
13	163975	Decal/Warning Avoid Injury	2
14	163976	Decal/Warning Avoid Injury	1
15	163977	Decal/Warning Entanglement Hazard	1
16	163978	Decal/Warning Hot Surface	1
17	164854	Decal/Warning Avoid Injury	1
19	173907	Decal/803	2
20	177442	Decal SAE/ISO Control	1
21	177871	Decal/Dozer Blade Up/Down	1
22	177441	Decal/Warning Avoid Injury	1
23	177443	Decal/Controls SAE/ISO Lt	1
24	177444	Decal/Controls SAE/ISO Rt	1
25	205842	Lube Chart	1
26	184043	Decal/Gehl 3.75 x 15.92 (white)	1
27	183935	Decal/Gehl 5.50 x 23.34	1
28	184069	Decal/Gehl 6.75 x 28.65	2
29	205088	Decal/Lift Capacity	1

DECAL LOCATIONS



Both Sides (items 4 and 6)

Both Sides (except item 20)



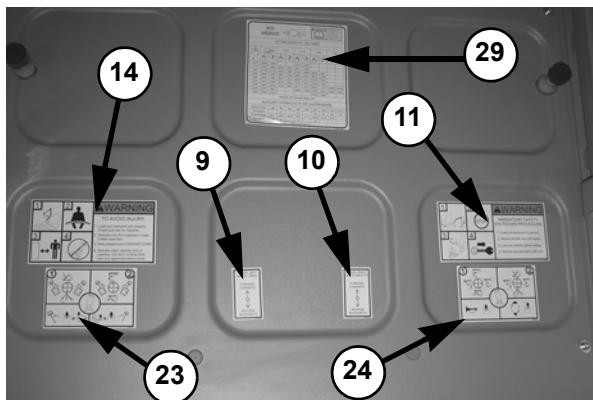
DECAL LOCATIONS

NOTE: The following is a duplicate listing of the decals from page 4. It is provided for convenience when selecting decals from the appropriate illustrations.

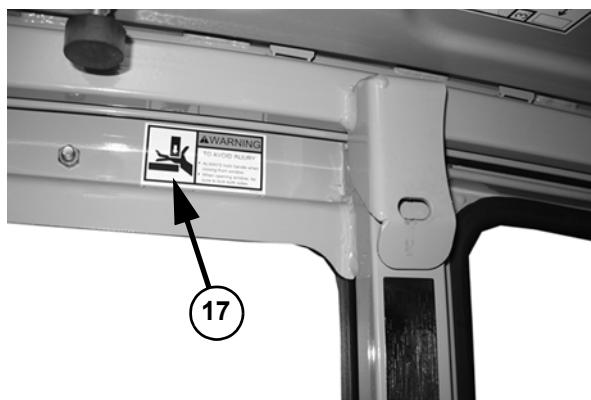
The decal kit for the 803 Compact Excavator is listed below

Ref. No.	Part No.	Decal/Part Description	Qty.
	176918	Decal Kit - 803	1
1	161965	Decal/Diesel Fuel	1
2	161966	Decal/Hydraulic Oil	1
3	161970	Decal/Arrow	2
4	161981	Decal/Lift Point	4
5	161982	Decal/Tiedown Point	4
6	161985	Decal/Warning Keep Away	2
7	161986	Decal/Warning Read Manual	1
8	161987	Decal/Warning Rotating Fan	2
9	162450	Decal/Travel Left	1
10	162451	Decal/Travel Right	1

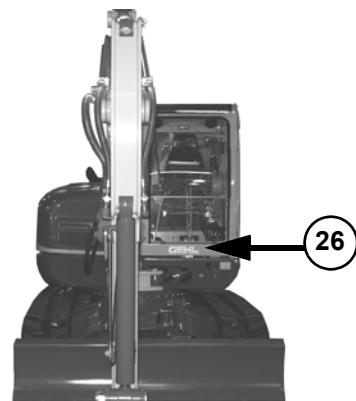
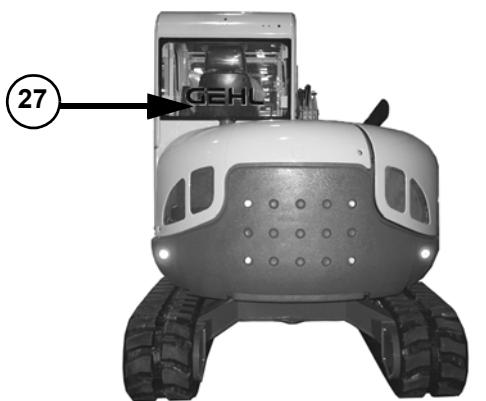
Ref. No.	Part No.	Decal/Part Description	Qty.
11	163973	Decal/Warning Mandatory Shutdown	1
12	163974	Decal/Throttle Speed	1
13	163975	Decal/Warning Avoid Injury	2
14	163976	Decal/Warning Avoid Injury	1
15	163977	Decal/Warning Entanglement Hazard	1
16	163978	Decal/Warning Hot Surface	1
17	164854	Decal/Warning Avoid Injury	1
19	173907	Decal/803	2
20	177442	Decal SAE/ISO Control	1
21	177871	Decal/Dozer Blade Up/Down	1
22	177441	Decal/Warning Avoid Injury	1
23	177443	Decal/Controls SAE/ISO Lt	1
24	177444	Decal/Controls SAE/ISO Rt	1
25	205842	Lube Chart	1
26	184043	Decal/Gehl 3.75 x 15.92 (white)	1
27	183935	Decal/Gehl 5.50 x 23.34	1
28	184069	Decal/Gehl 6.75 x 28.65	2
29	205088	Decal/Lift Capacity	1



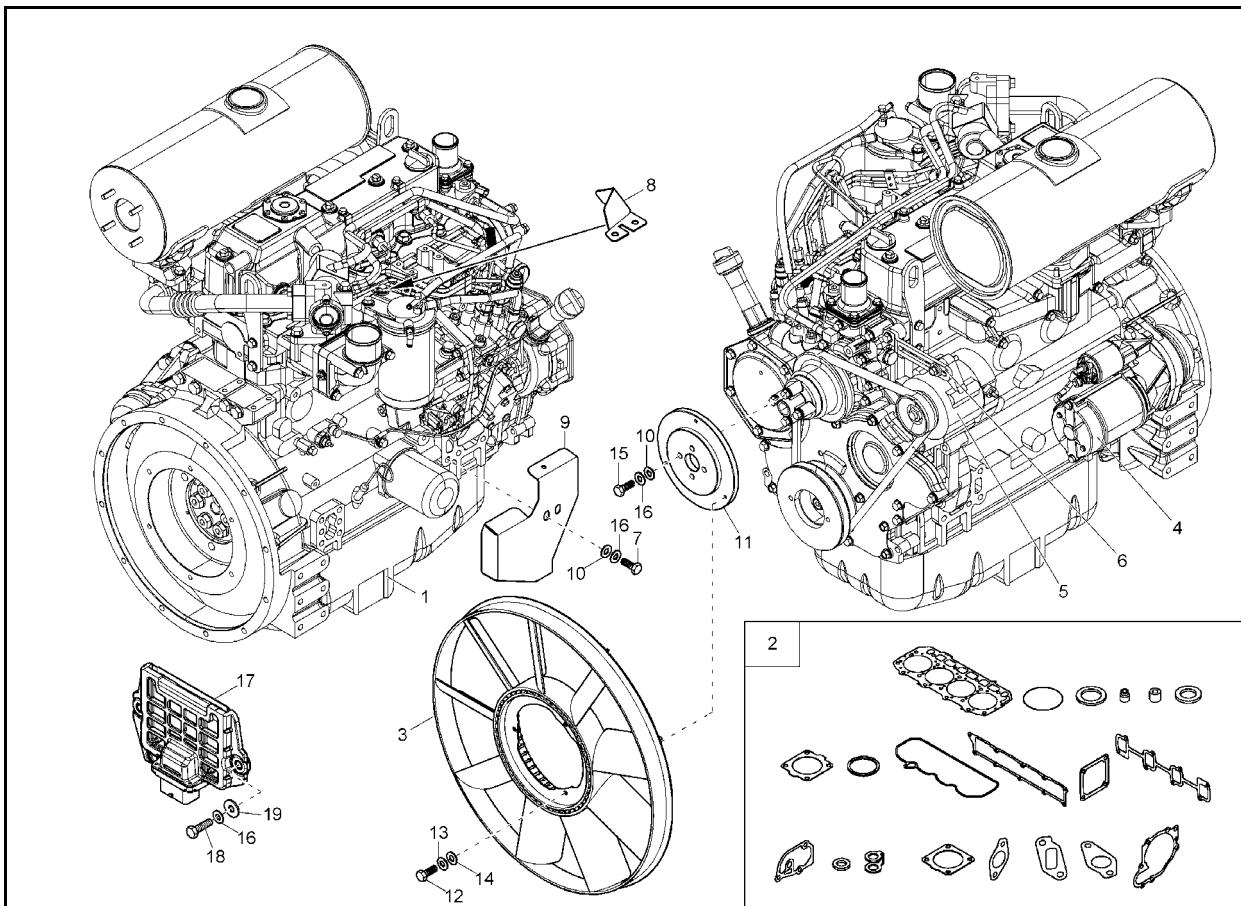
Overhead Decals - positioning may vary



DECAL LOCATIONS



803 - DIESEL ENGINE - TIER III
1000180364 - (SN AH00611 AND UP)



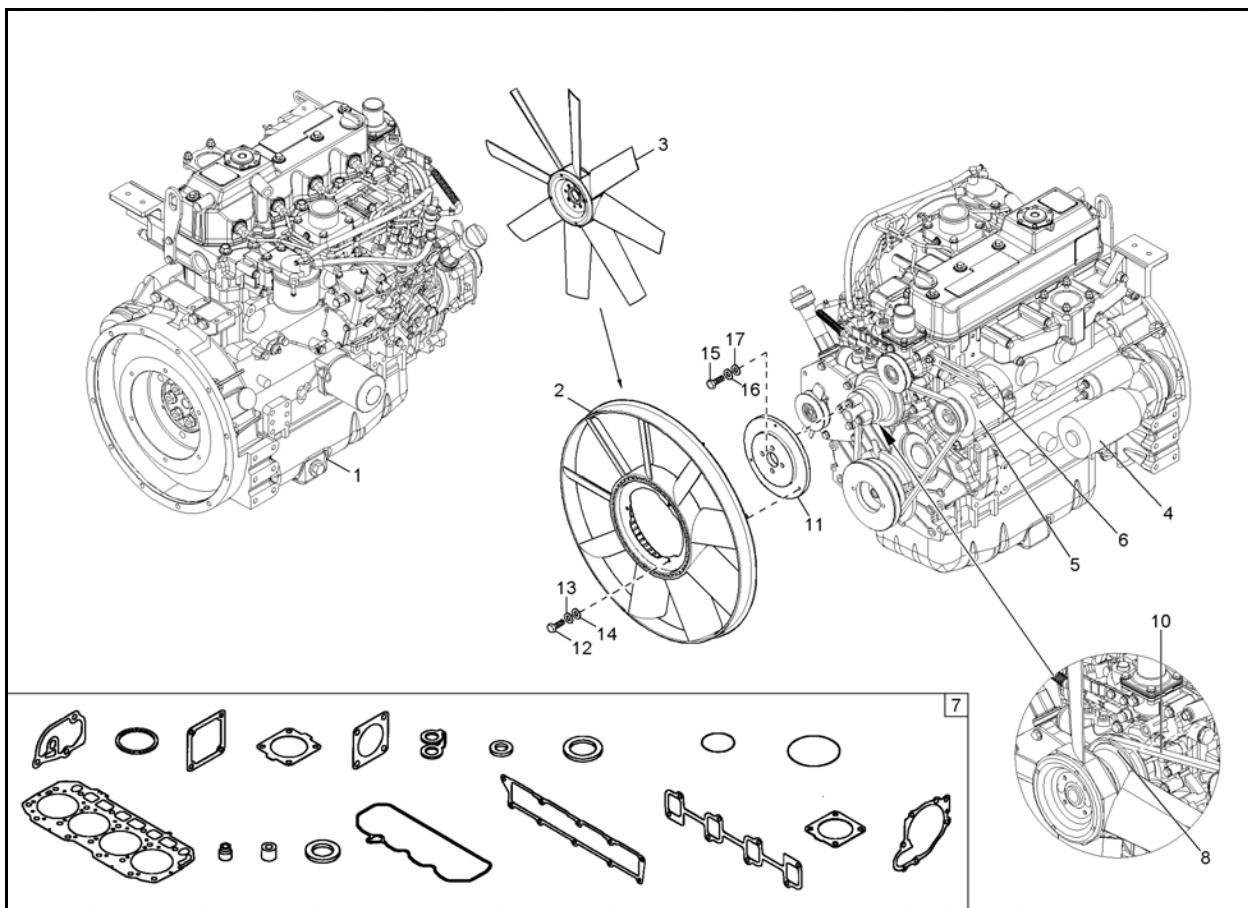
Ref.

No.	Part No.	Description	Qty.
1	203322	BASIC ENGINE	1
2	203323	SEAL KIT	1
3	205501	RADIATOR FAN	1
4	164382	STARTER	1
5	177631	ALTERNATOR	1
6	177560	CLAMP BAR/ALTERNATOR ADJUSTING	1
7	656093	CS M8-1.25X16 C8.8 ZY DIN931	2
8	203324	COVER	1
9	203325	COVER	1

Ref.

No.	Part No.	Description	Qty.
10	163634	WASHER	6
11	205502	SPACER	1
12	656149	CS M6-1X16 C8.8 ZY DIN931	3
13	161675	LOCKWASHER S6	3
14	161660	WASHER GR A6.4 ZO DIN 125	3
15	179784	SCREW	4
16	163670	LOCKWASHER	9
17	203326	DISTRIBUTOR	1
18	656105	CS M8-1.25X25 C8.8 ZY DIN931	3
19	7462680011	WASHER 8.4 ST A2C	3

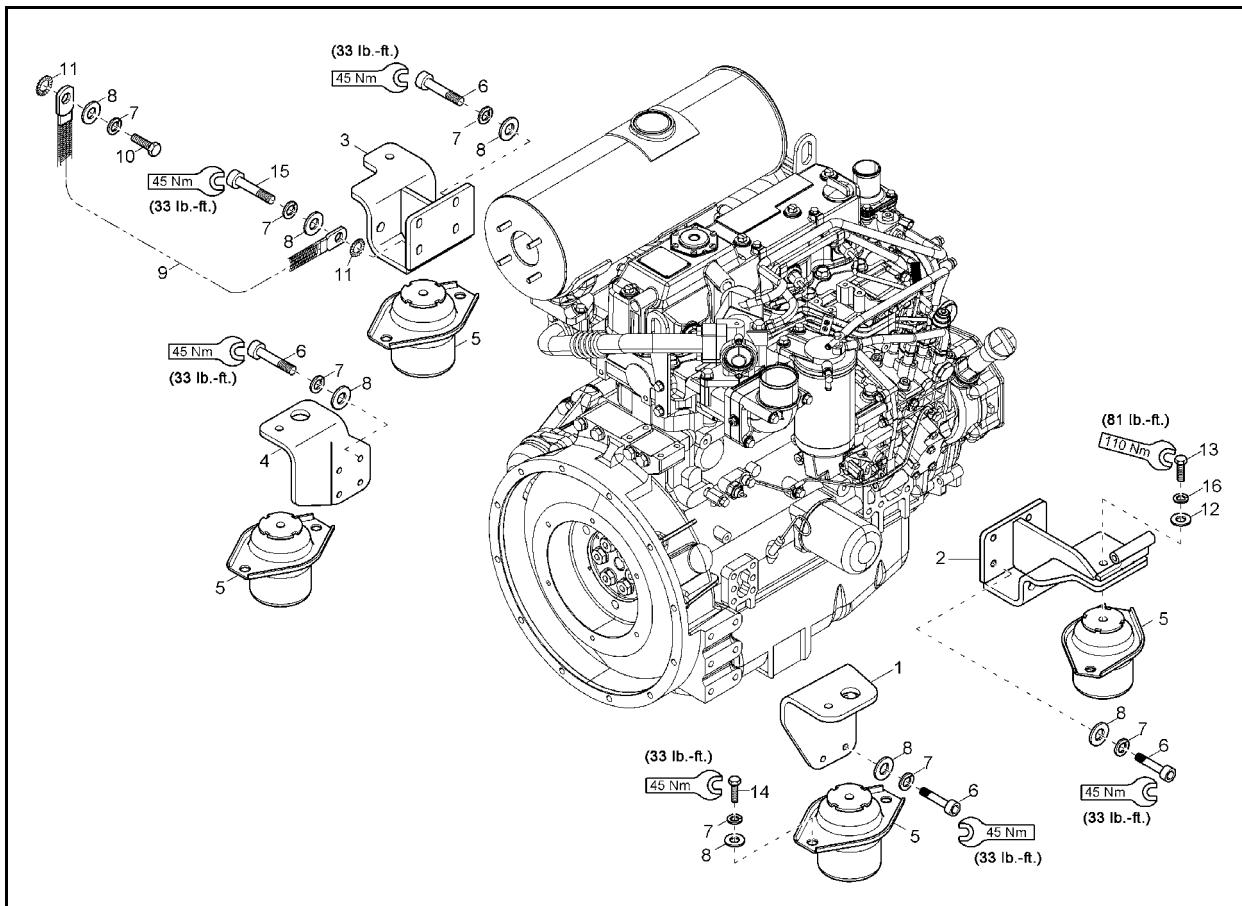
803 - DIESEL ENGINE - TIER II
1000130970 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208222	BASIC ENGINE	1	8	208221	BELT PULLEY	1
2	205501	RADIATOR FAN (SN AD04603 and up)	1	10	177559	V-BELT (NON A/C)	1
3	177047	RADIATOR FAN (SN AD04602 and before)	1	11	205502	SPACER (SN AD04603 and up)	1
4	164382	STARTER	1	12	656149	CS M6-1X16 C8.8 ZY	3
5	177631	ALTERNATOR	1	13	161675	LOCKWASHER S6	3
6	177560	CLAMP BAR/ALTERNATOR ADJUSTING	1	14	161660	WASHER GR A6.4 ZO DIN 125	3
7	177561	GASKET/SEAL KIT	1	15	179784	SCREW	4
				16	163670	LOCKWASHER	4
				17	163634	FLATWASHER	4

803 - ENGINE MOUNTS - TIER III

1000180531 - (SN AH00611 AND UP)



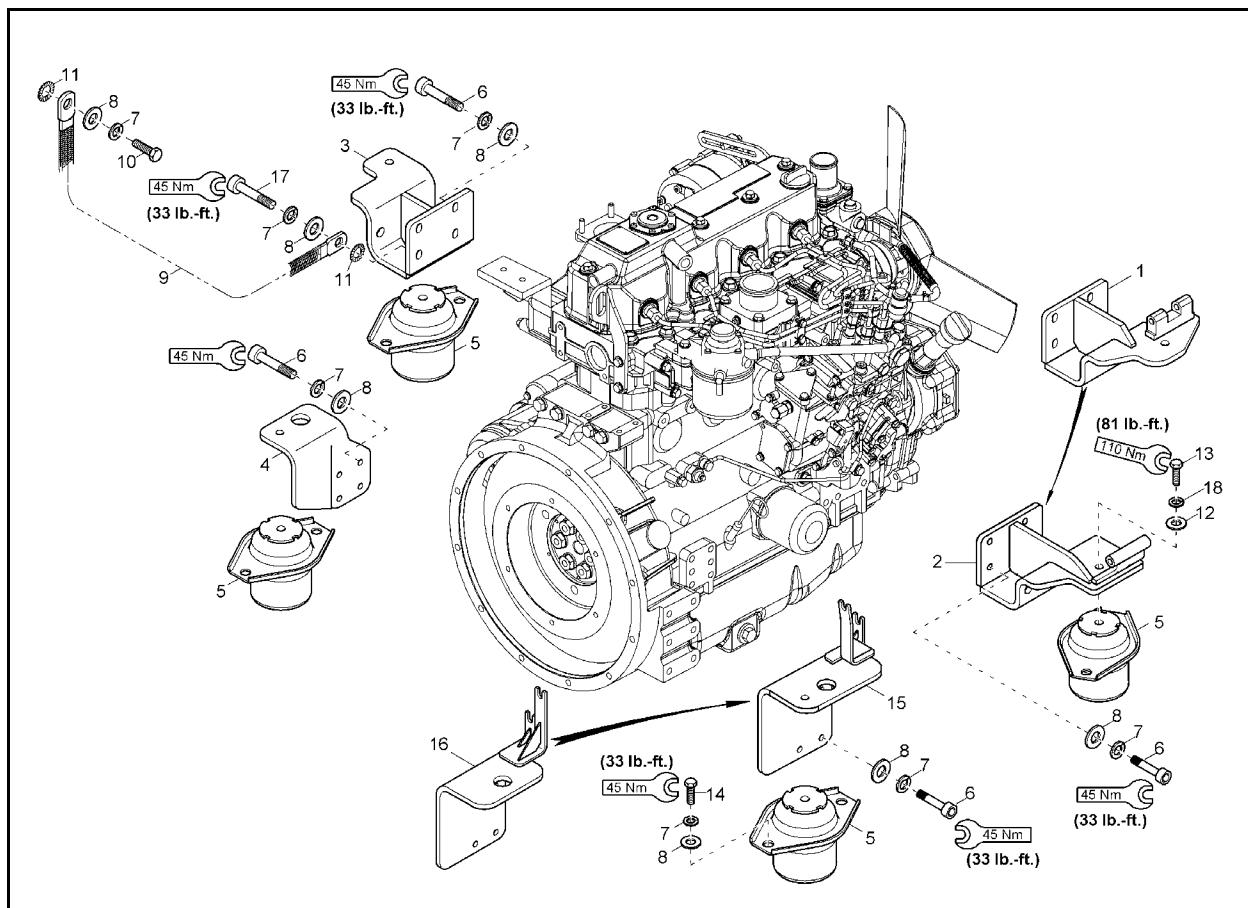
Ref.

No.	Part No.	Description	Qty.
1	203327	ENGINE MOUNT-RT REAR	1
2	204875	ENGINE MOUNT-RT FRONT	1
3	177147	ENGINE MOUNT-LT FRONT	1
4	177146	ENGINE MOUNT-LT REAR	1
5	178834	MOTOR MOUNT	4
6	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	15
7	161669	LOCKWASHER S10	24
8	161640	WASHER/GR A 10.5	24

Ref.

No.	Part No.	Description	Qty.
9	165224	GROUND CABLE	1
10	656090	CS M10-1.5X16 C8.8 ZY DIN931	1
11	177460	SERRATED WASHER	2
12	163642	WASHER	4
13	651406	CS M12-1.75X35 C10.9 ZY DIN931	4
14	656006	CS M10-1.5X20 C8.8 ZY DIN931	8
15	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	1
16	163651	WASHER	4

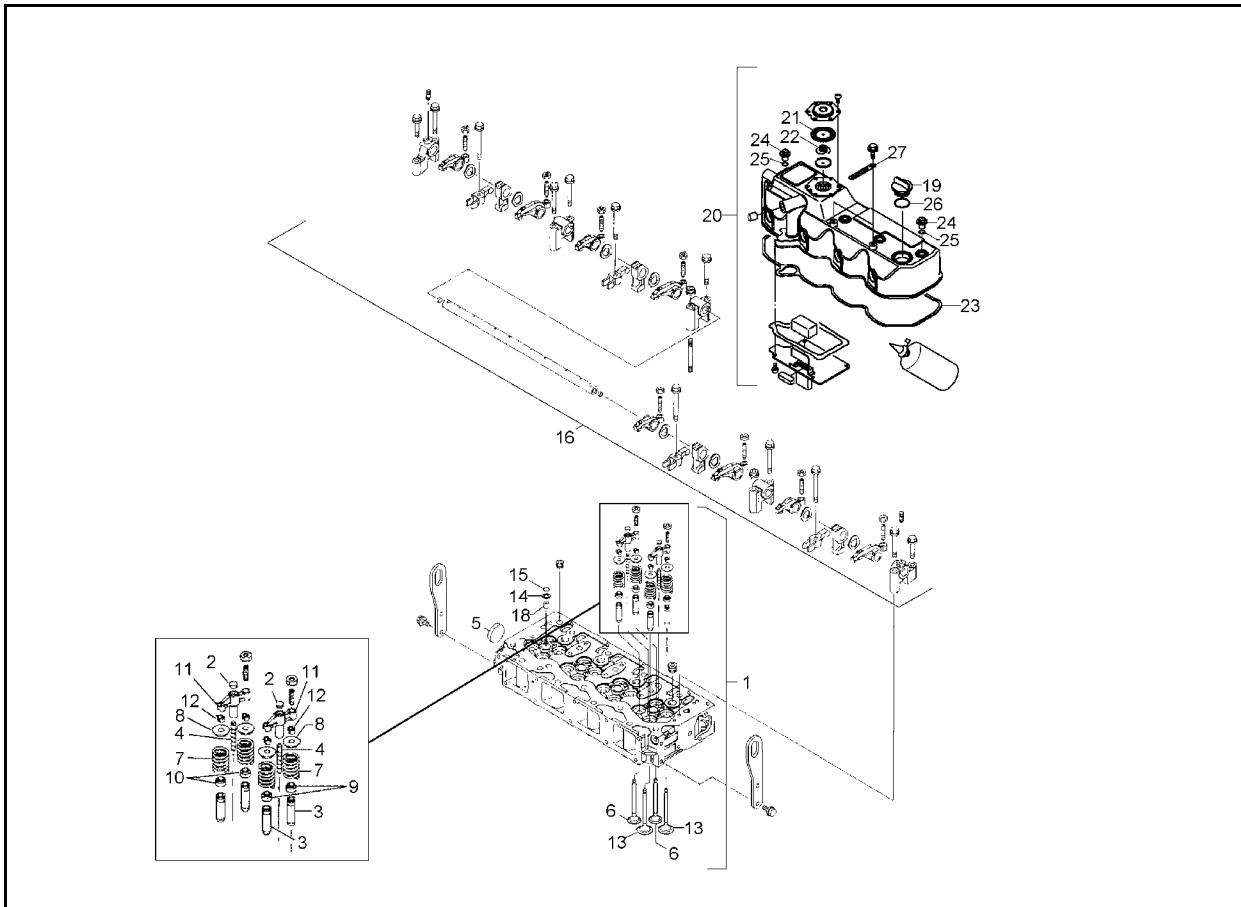
803 - ENGINE MOUNTS - TIER II
1000133138 - (SN AD07187 AND BEFORE)



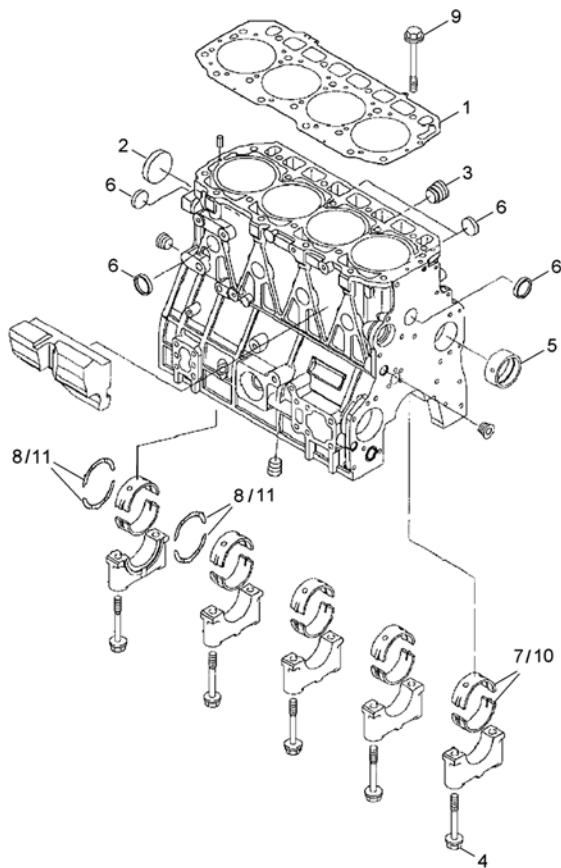
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204875	ENGINE MOUNT-RT FRONT (SN AD06355 and up)	1	10	656090	CS M10-1.5X16 C8.8 ZY DIN931	1
2	177037	ENGINE MOUNT-RT FRONT (SN AD06354 and before)	1	11	177460	SERRATED WASHER	2
3	177147	ENGINE MOUNT-LT FRONT	1	12	161645	WASHER/GR A 13 DIN7349	4
4	177146	ENGINE MOUNT-LT REAR	1	13	651406	CS M12-1.75X35 C10.9 ZY DIN931	4
5	178834	MOTOR MOUNT	4	14	656006	CS M10-1.5X20 C8.8 ZY DIN931	8
6	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	15	15	206861	ENGINE MOUNT-RT REAR (SN AC03385 and up)	1
7	161669	LOCKWASHER S10	24	16	177144	ENGINE MOUNT-RT REAR (SN AC03384 and before)	1
8	161640	WASHER/GR A 10.5	24	17	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	1
9	165224	GROUND CABLE	1	18	163651	WASHER	4

803 - CYLINDER HEAD, VALVE COVER

1000185033 & 1000125777



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	203328	CYLINDER HEAD (SN AH00611 and up) - TIER III	1	14	206380	SEAL RING	4
	208125	CYLINDER HEAD (SN AD07187 and before) - TIER II	1	15	164666	O-RING	4
2	208126	VALVE CAP	8	16	208137	SHAFT ASSY	1
3	208127	VALVE	16	18	177350	SHIELD	4
4	208128	VALVE	8	19	164662	FILLER CAP	1
5	177236	PLUG	1	20	203330	VALVE COVER (SN AH00611 and up) - TIER III	1
6	208129	EXHAUST VALVE	8		208139	VALVE COVER (SN AD07187 and before) - TIER II	1
7	208130	SPRING	16	21	208140	DIAPHRAGM	1
8	208131	SPACER	16	22	208141	SPRING	1
9	208132	SEAL	8	23	177566	VALVE COVER SEAL	1
10	203329	VALVE SHAFT SEAL (SN AH00611 and up) - TIER III	8	24	206385	HEADNUT	4
	208133	VALVE SHAFT SEAL (SN AD07187 and before) - TIER II	8	25	164666	O-RING	4
11	208134	VALVE BRIDGE	8	26	177242	O-RING	1
12	208135	VALVE WEDGE	16	27	203331	CLAMP PLATE (SN AH00611 and up) - TIER III	1
13	208136	VALVE	8				



Ref.

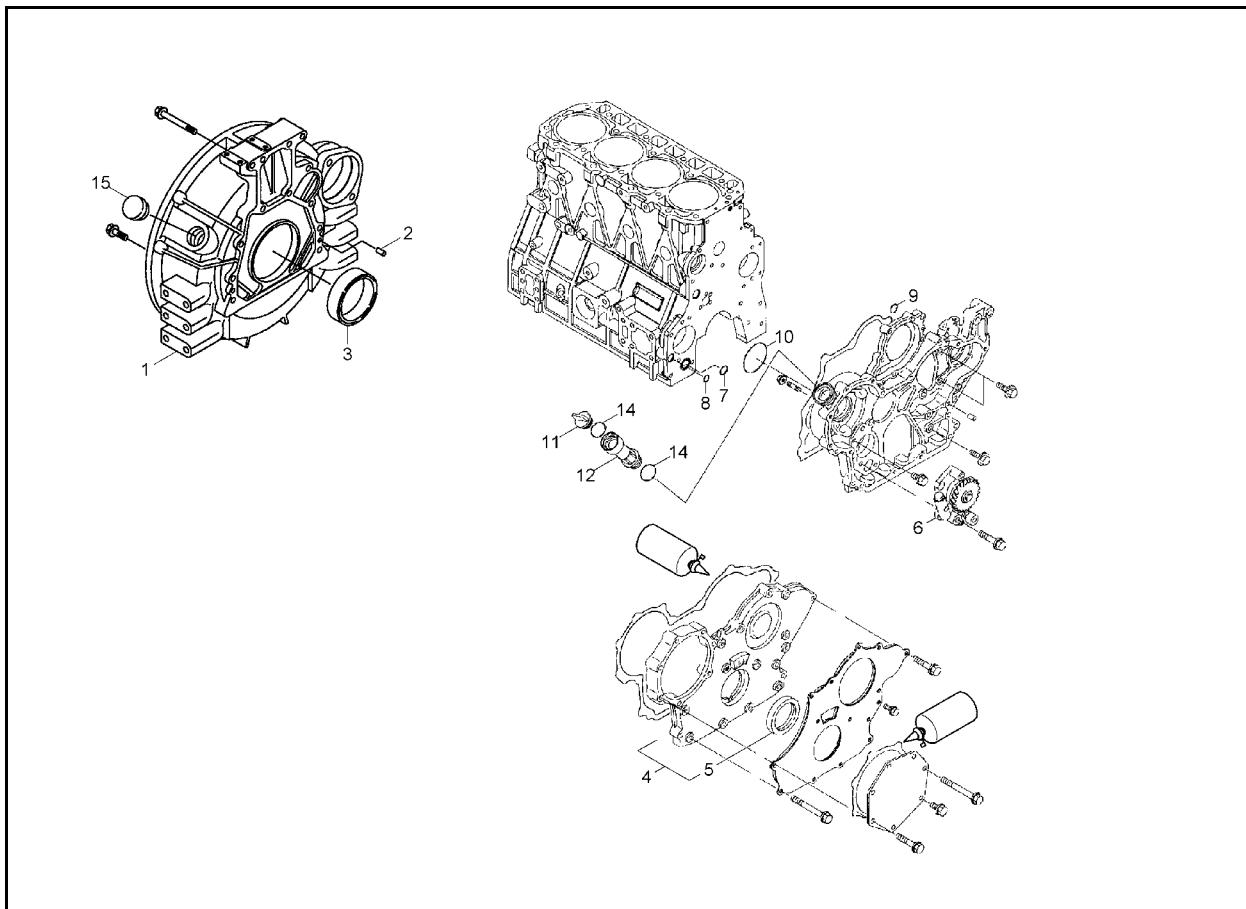
No.	Part No.	Description	Qty.
1	208142	CYLINDER HEAD GASKET	1
2	208143	PLUG	1
3	206388	PLUG	1
4	208144	SCREW	10
5	208145	BUSHING	1
6	0210110506	COVER	8

Ref.

No.	Part No.	Description	Qty.
7	208146	MAIN BEARING SET	5
8	208147	AXIAL BEARING	2
9	208148	SCREW	18
10	208149	MAIN BEARING SET (US=0.25)	5
11	208150	AXIAL BEARING (OS=0.25)	2

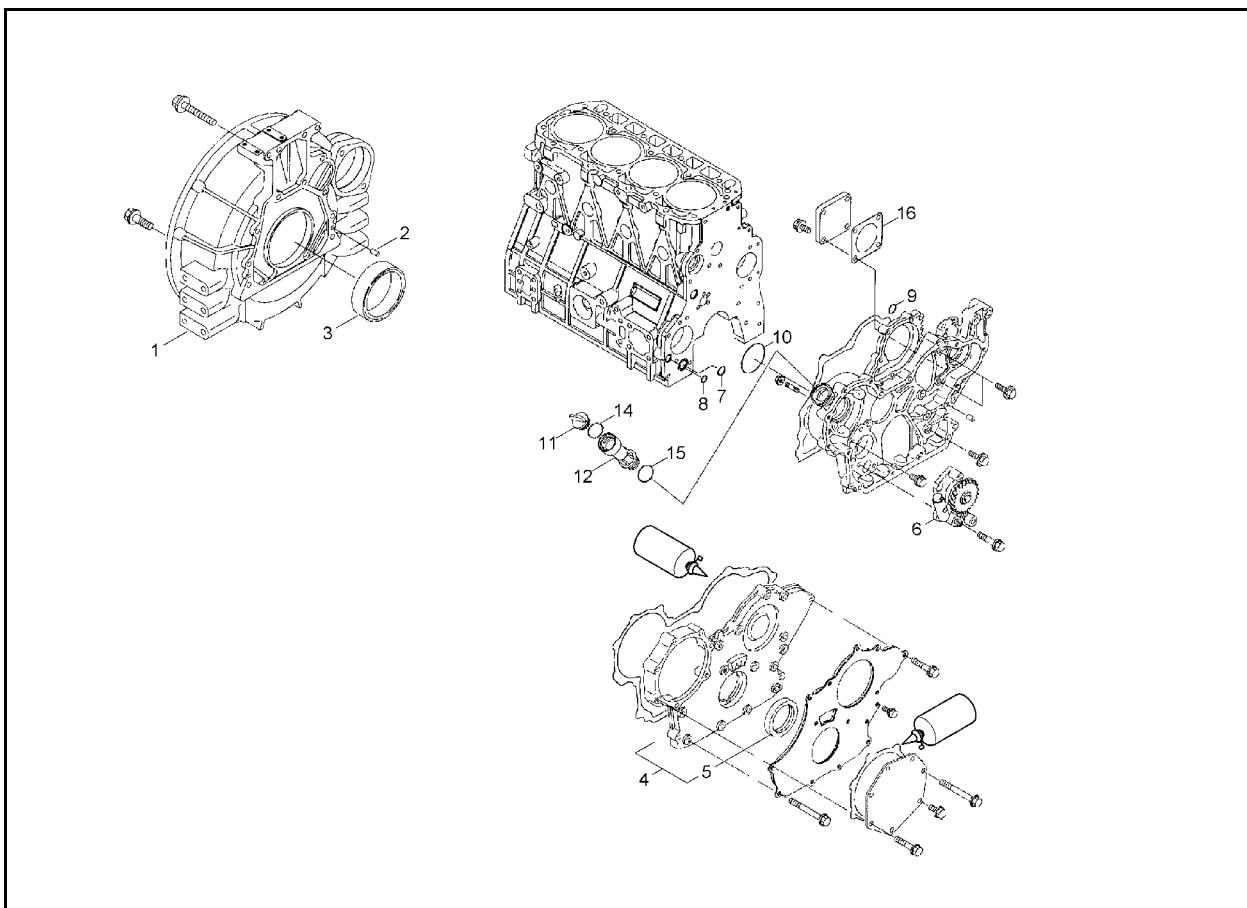
803 - SEAL - CRANKSHAFT - TIER III

1000185034 - (SN AH00611 AND UP)



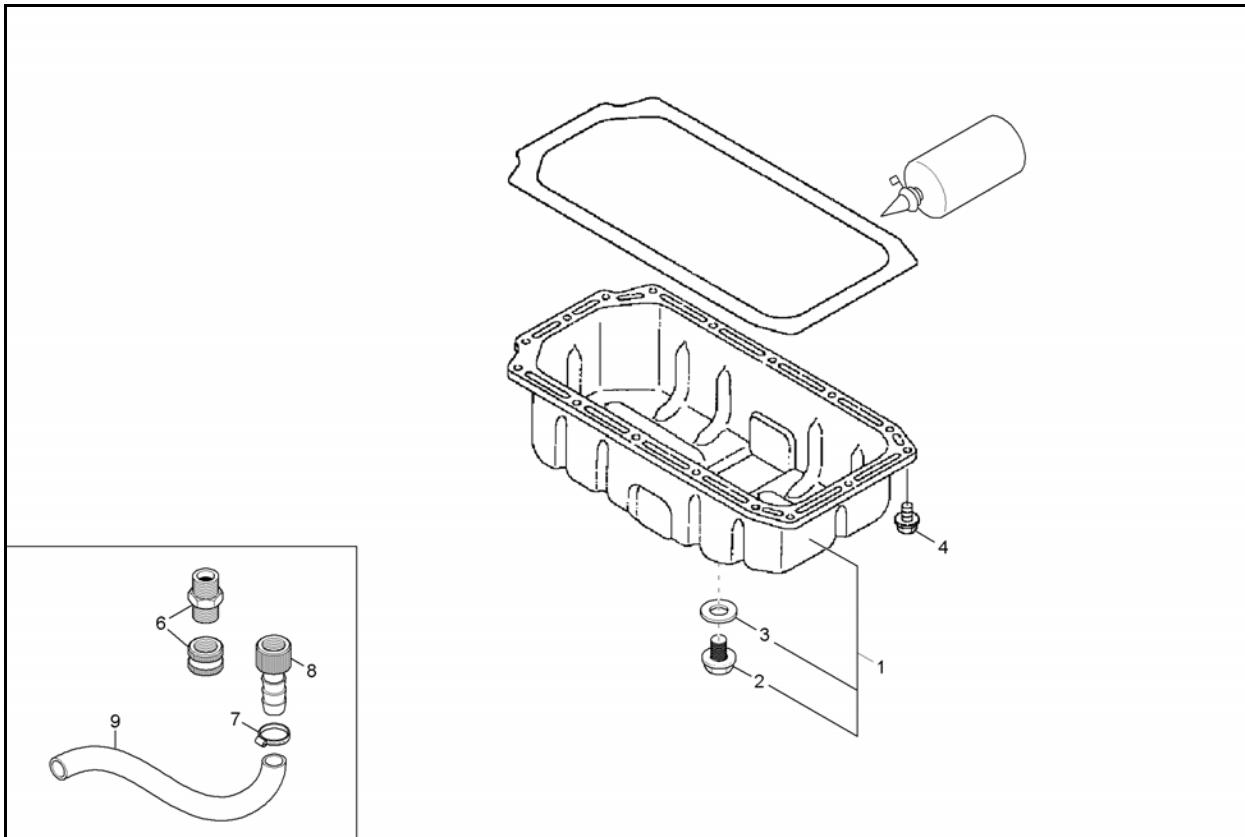
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208160	FLYWHEEL HOUSING	1	8	164778	O-RING	1
2	208161	FITTING PIN	2	9	208167	O-RING	1
3	203332	REAR CRANKSHAFT SEAL	1	10	208168	O-RING	1
4	203333	GEARBOX	1	11	164662	FILLER CAP	1
5	203334	FRONT CRANKSHAFT SEAL	1	12	208169	FILLER PIPE	1
6	208165	OIL PUMP	1	14	177242	O-RING	2
7	208166	O-RING	1	15	177249	RUBBER PLUG	1

803 - SEAL - CRANKSHAFT - TIER II
1000125873 - (SN AD07187 AND BEFORE)



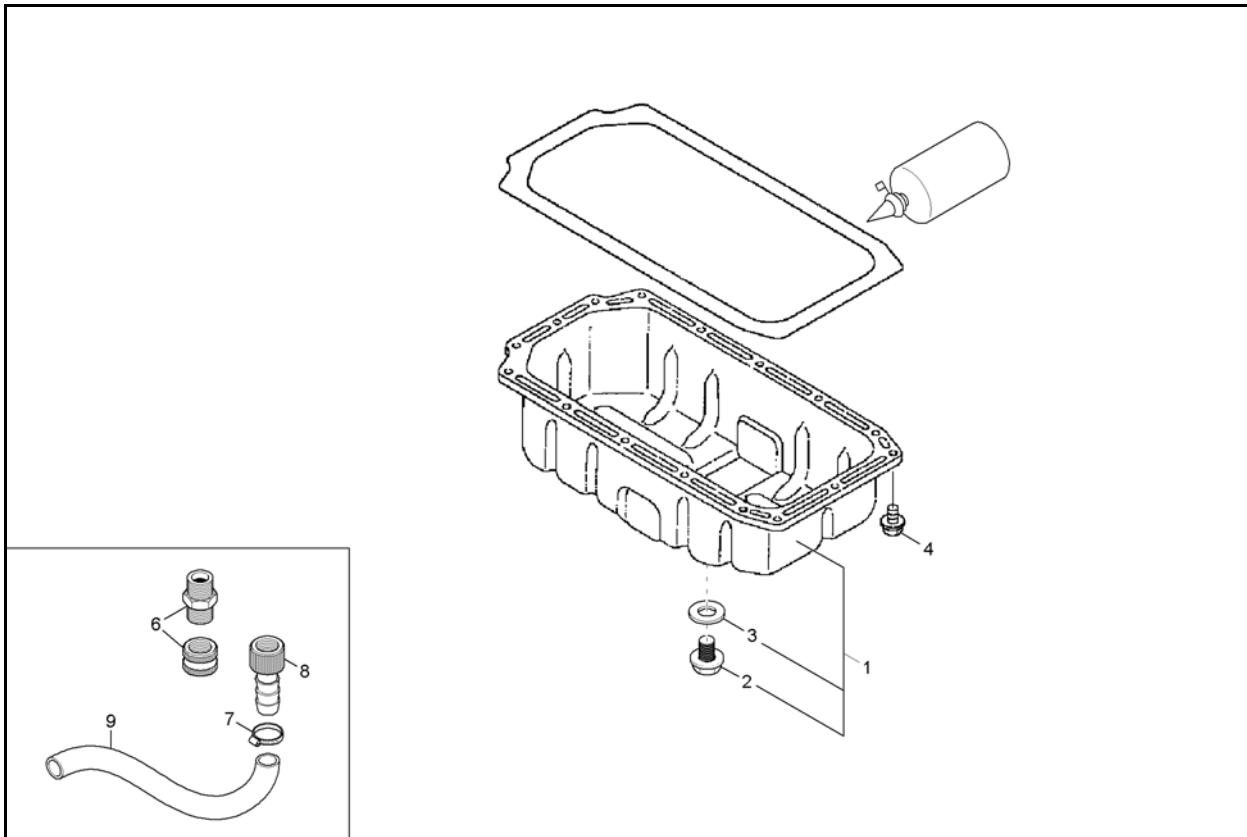
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	208160		FLYWHEEL HOUSING	1	9	208167	O-RING		1
2	208161		FITTING PIN	2	10	208168	O-RING		1
3	208162		REAR CRANKSHAFT SEAL	1	11	164662	FILLER CAP		1
4	208163		GEARBOX	1	12	208169	FILLER PIPE		1
5	208164		FRONT CRANKSHAFT SEAL	1	14	177242	O-RING		1
6	208165		OIL PUMP	1	15	208170	O-RING		1
7	208166		O-RING	1	16	208171	GASKET/INJECTION PUMP		1
8	164778		O-RING	1					

803 - OIL PAN - TIER III
1000185035 - (SN AH00611 AND UP)



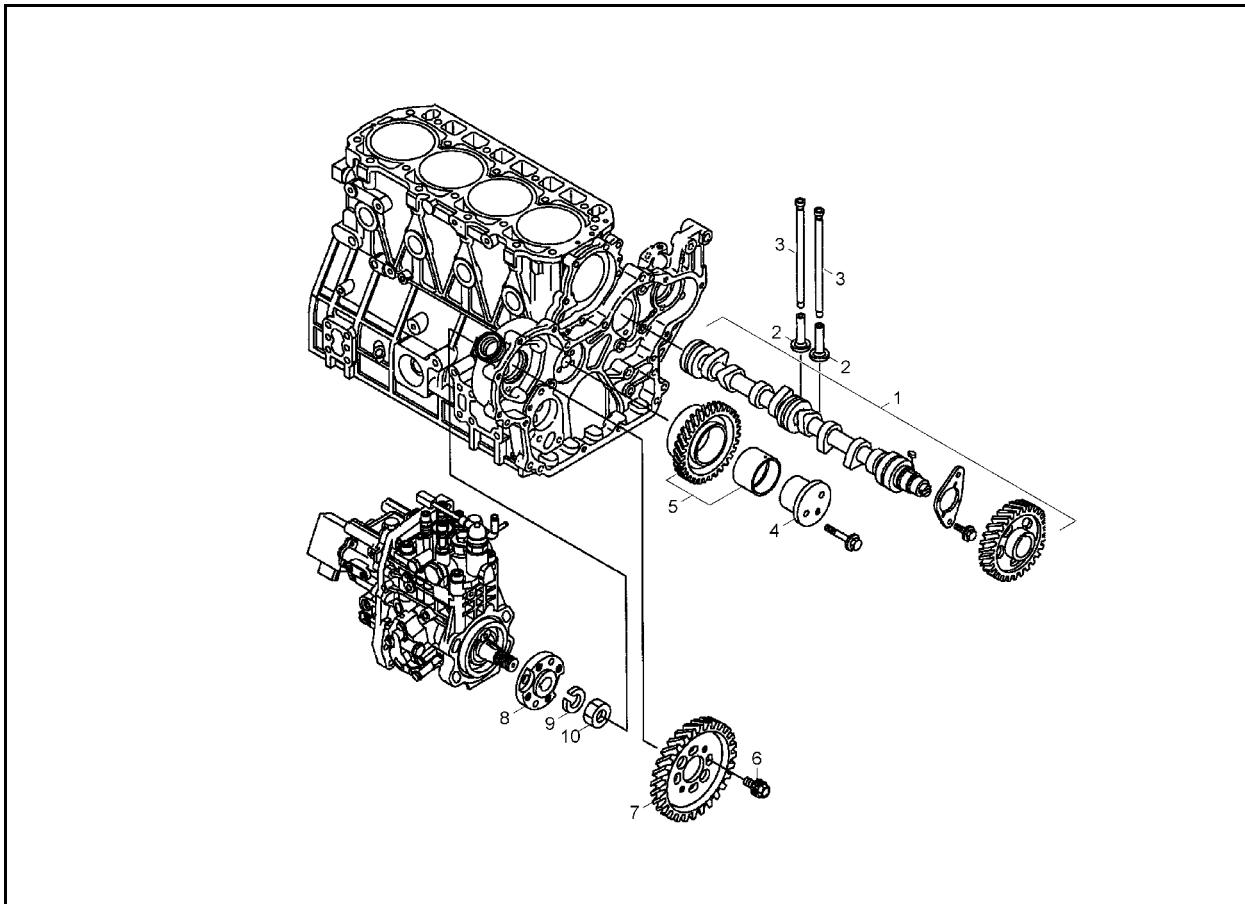
Ref.	Ref.						
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	203335	OIL PAN ASSY	1	6	177239	DRAIN COUPLER	1
2	425-36121	PLUG/DRAIN	1	7	162064	HOSE CLAMP	1
3	164719	PLUG GASKET	1	8	0003634062	DRAIN COUPLING	1
4	164315	SCREW M8X12 PLATED	16	9	207290	FLEXIBLE TUBE (0.5M)	1

803 - OIL PAN - TIER II
1000128094 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177034	OIL PAN ASSY	1	6	177239	DRAIN COUPLER	1
2	425-36121	PLUG/DRAIN	1	7	162064	HOSE CLAMP	1
3	164719	PLUG GASKET	1	8	0003634062	DRAIN COUPLING	1
4	164315	SCREW M8X12 PLATED	16	9	207290	FLEXIBLE TUBE (0.5M)	1

803 - CAMSHAFT - TIER III
1000185036 - (SN AH00611 AND UP)



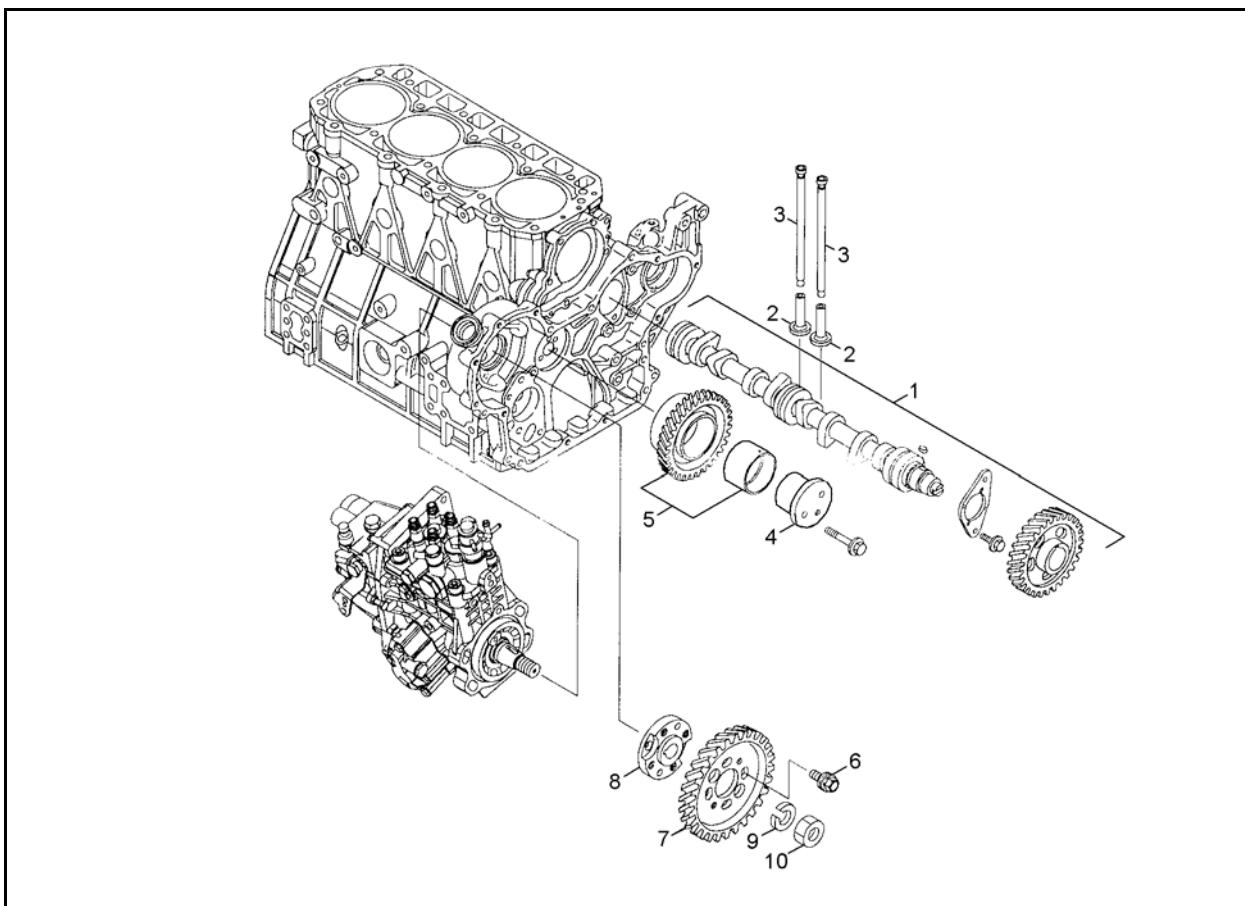
Ref.

No.	Part No.	Description	Qty.
1	203336	CAMSHAFT	1
2	177346	LIFTER	8
3	208152	PUSH ROD	8
4	208153	BRACKET	1
5	208154	GEAR	1

Ref.

No.	Part No.	Description	Qty.
6	208155	SCREW	4
7	203337	GEAR	1
8	208157	FLANGE	1
9	208158	SPRING RING	1
10	208159	NUT	1

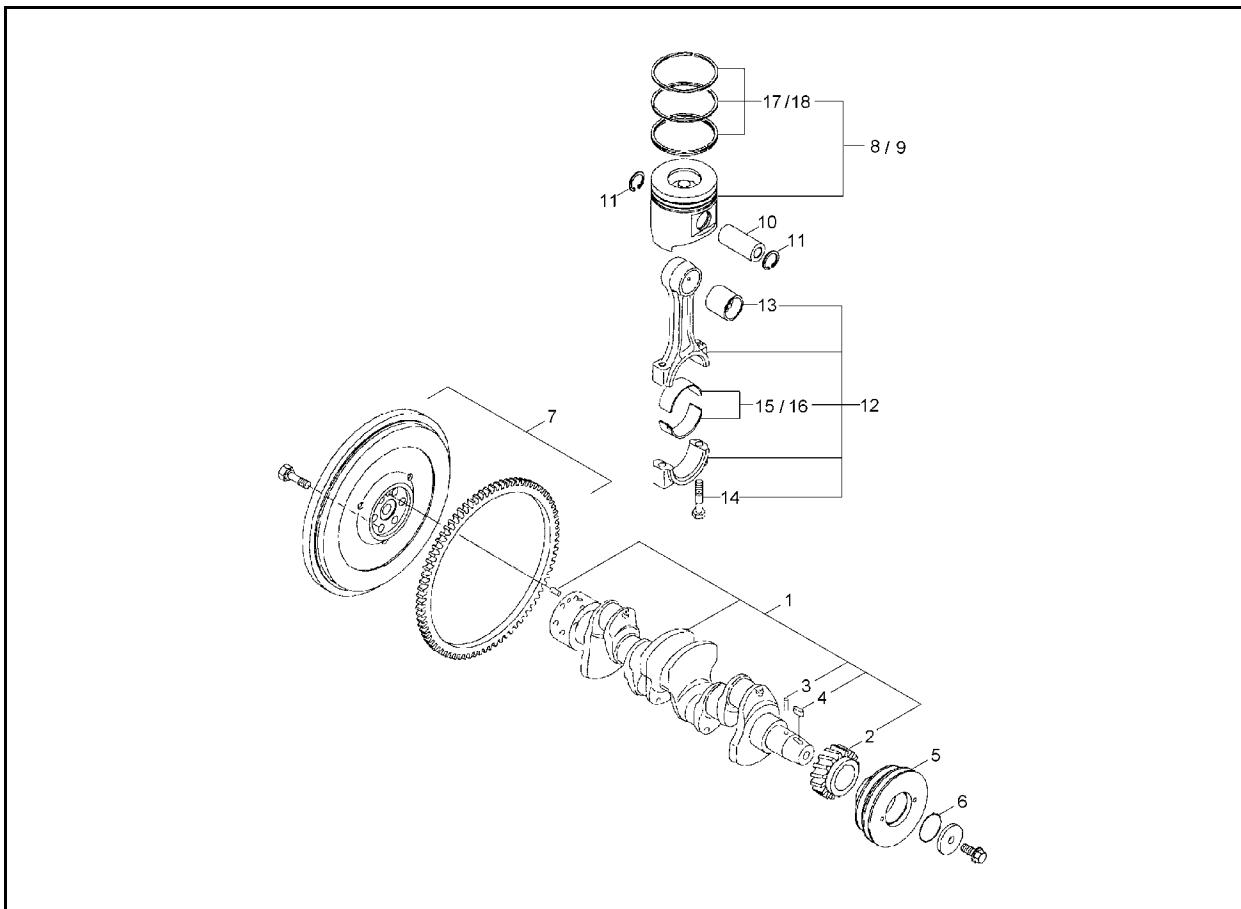
803 - CAMSHAFT - TIER II
1000125801 - (SN AD07187 AND BEFORE)



Ref.				Ref.			
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.
1	208151	CAMSHAFT	1	6	208155	SCREW	4
2	177346	LIFTER	8	7	208156	GEAR	1
3	208152	PUSH ROD	8	8	208157	FLANGE	1
4	208153	BRACKET	1	9	208158	SPRING RING	1
5	208154	GEAR	1	10	208159	NUT	1

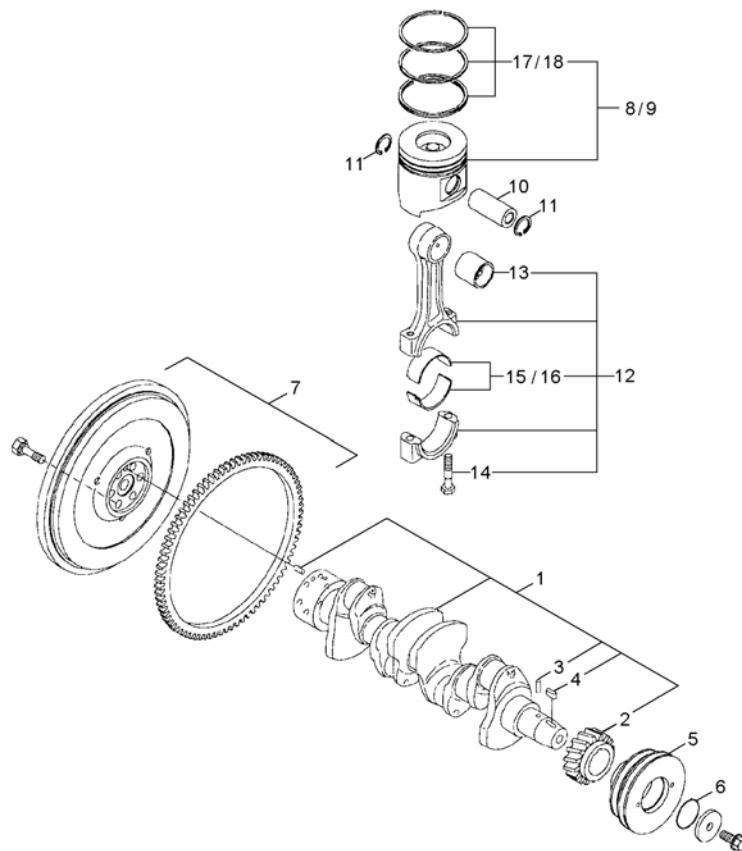
803 - CRANKSHAFT, PISTON - TIER III

1000185037 - (SN AH00611 AND UP)



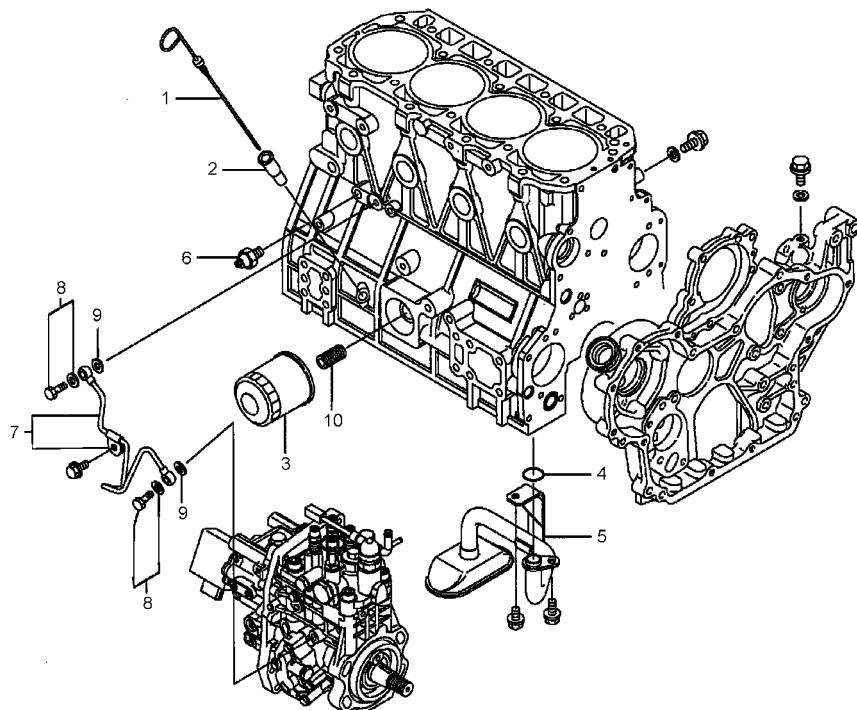
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	208172	CRANKSHAFT		1	10	208181	PIN		4
2	208173	GEAR		1	11	208182	LOCK RING		8
3	208174	PIN		1	12	208183	CONNECTING ROD		4
4	177301	FITTING KEY		1	13	206862	BUSHING		4
5	208176	BELT PULLEY		1	14	208184	SCREW		8
6	208177	O-RING		1	15	208185	CONN.ROD BEARING		4
7	208178	FLYWHEEL		1	16	208186	BEARING (US=0.25)		4
8	203338	PISTON		4	17	203340	PISTON RING SET		4
9	203339	PISTON (OS=0.25)		4	18	203341	PISTON RING SET (OS=0.25)		4

803 - CRANKSHAFT, PISTON - TIER II
1000125884 - (SN AD07187 AND BEFORE)



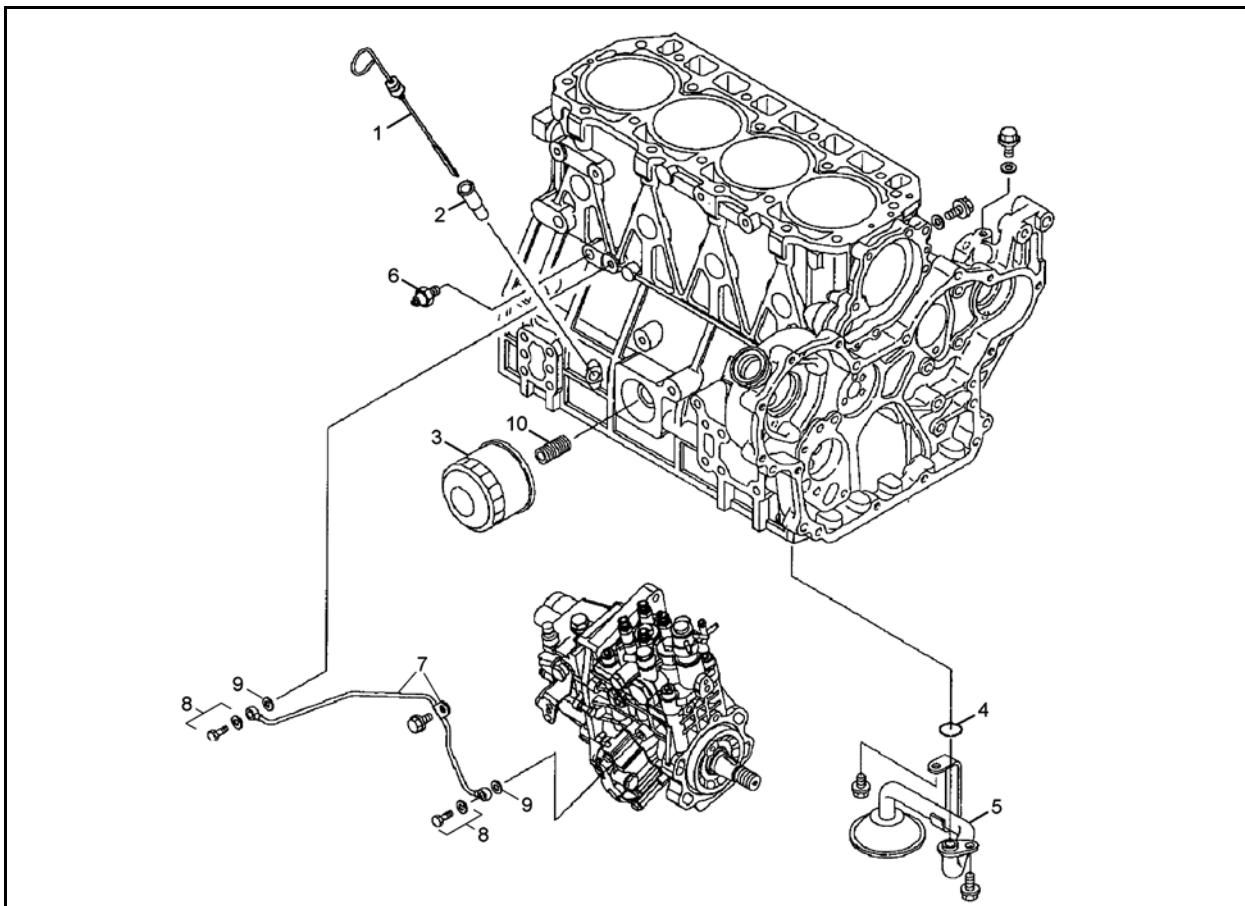
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208172	CRANKSHAFT	1	10	208181	PIN	4
2	208173	GEAR	1	11	208182	LOCK RING	8
3	208174	PIN	1	12	208183	CONNECTING ROD	4
4	177301	FITTING KEY	1	13	206862	BUSHING	4
5	208176	BELT PULLEY	1	14	208184	SCREW	8
6	208177	O-RING	1	15	208185	CONNECTING ROD BEARING	4
7	208178	FLYWHEEL	1	16	208186	BEARING (US=0.25)	4
8	208179	PISTON	4	17	208180	PISTON RING SET (OS=0.25)	4
9	208187	PISTON (OS=0.25)	4	18	208188	PISTON RING SET (OS=0.25)	4

803 - LUBRICATION - TIER III
1000185038 - (SN AH00611 AND UP)



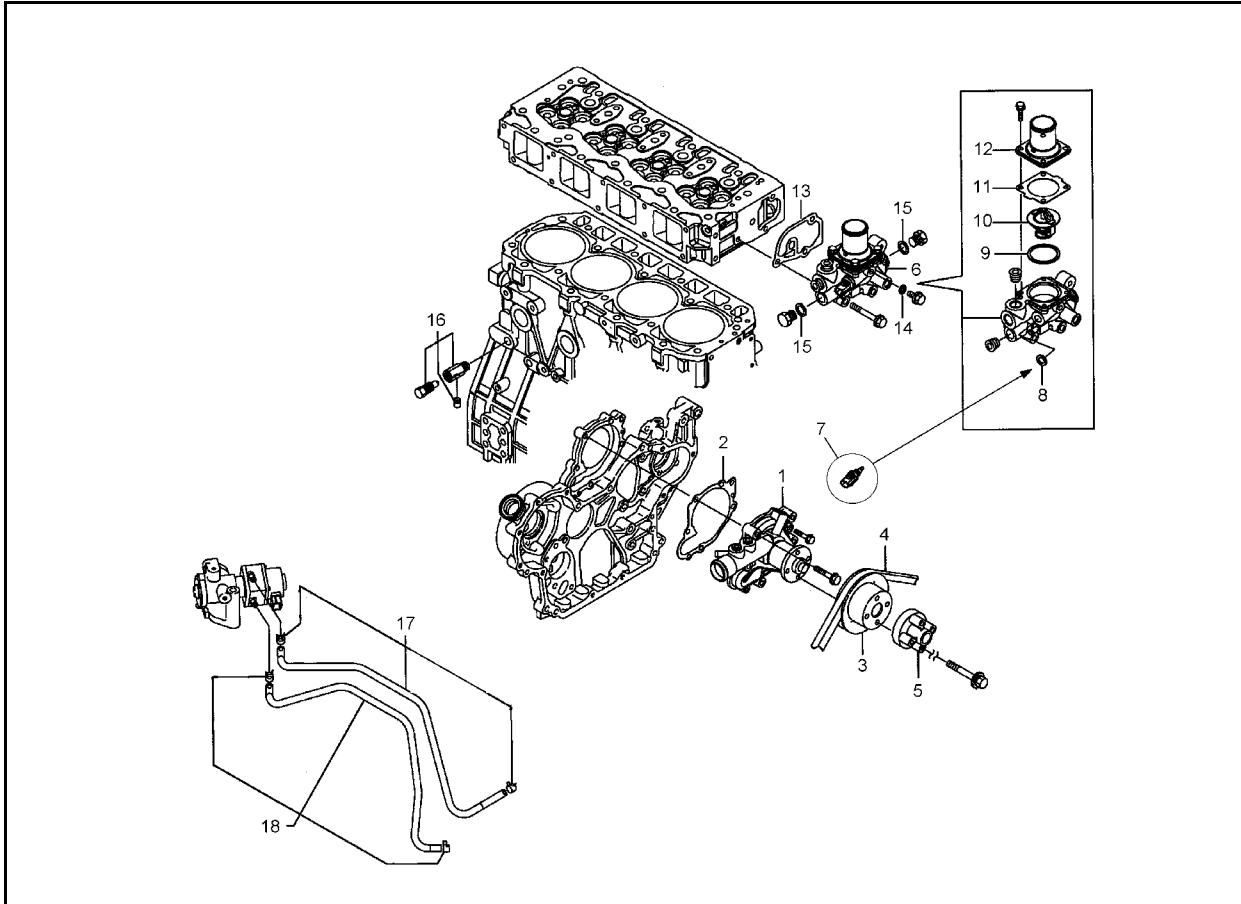
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203342	OIL DIPSTICK		1	6	425-36085	SENDER/OIL PRESSURE		1
2	177234	DIPSTICK TUBE		1	7	203344	PIPE LINE		1
3	179122	ENGINE OIL FILTER		1	8	177100	BANJO BOLT		2
4	164395	O-RING		1	9	177462	SEAL RING		2
5	203343	TUBE		1	10	177045	SCREW JOINT		1

803 - LUBRICATION - TIER II
1000125792 - (SN AD07187 AND BEFORE)



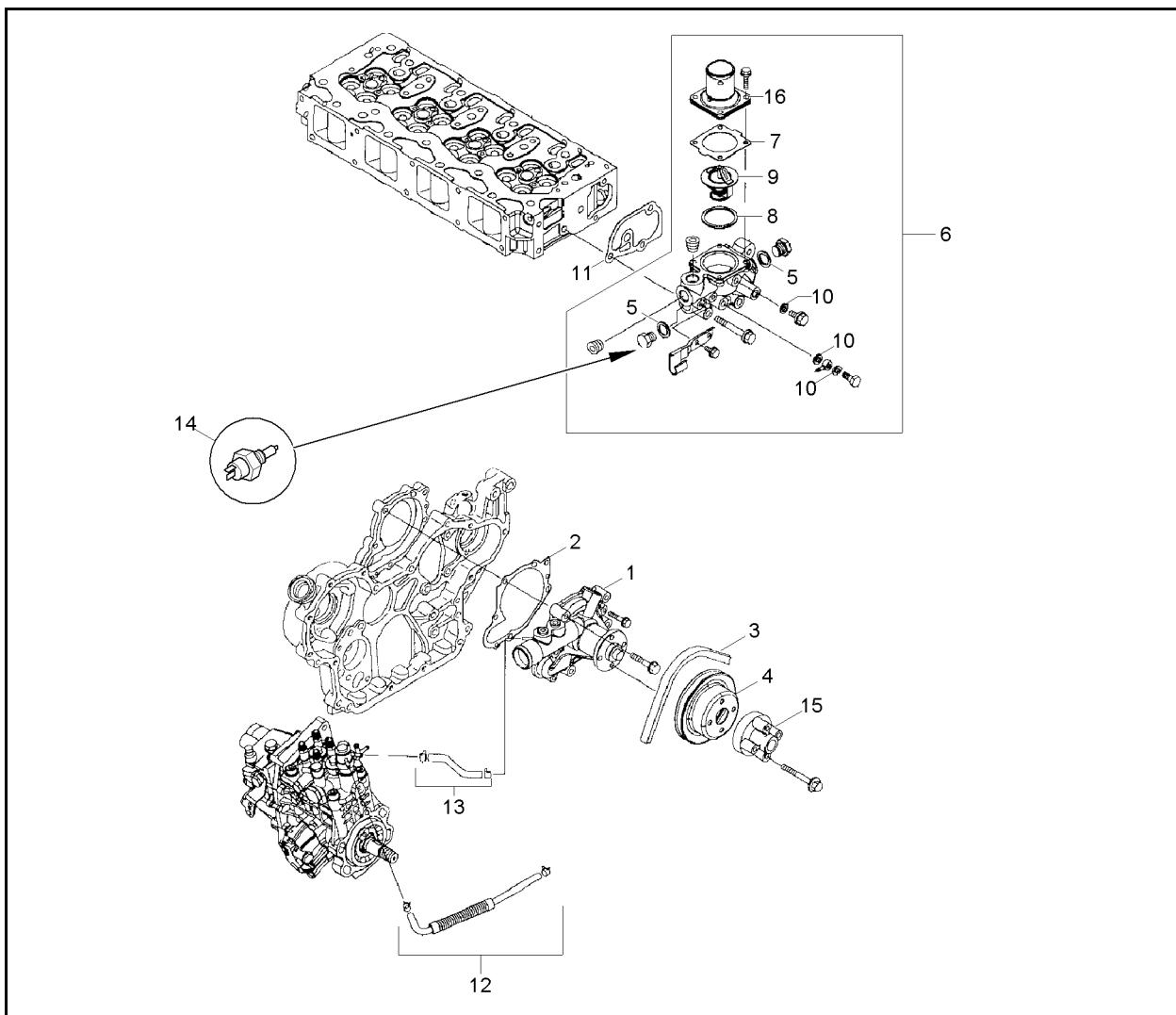
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	177230	OIL DIPSTICK		1	6	425-36085	SENDER/OIL PRESSURE		1
2	177234	DIPSTICK TUBE		1	7	177064	PIPE LINE		1
3	179122	ENGINE OIL FILTER		1	8	177100	BANJO BOLT		2
4	164395	O-RING		1	9	177462	SEAL RING		2
5	177067	TUBE		1	10	177045	SCREW JOINT		1

803 - COOLING SYSTEM - TIER III
1000185043 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203345	WATER PUMP	1	10	425-36111	THERMOSTAT	1
2	425-36113	GASKET/WATER PUMP	1	11	425-36114	GASKET/THERMOSTAT	1
3	208221	BELT PULLEY	1	12	203349	THERMOSTAT HOUSING	1
4	203346	V-BELT	1	13	179407	SEAL/THERMOSTAT CASING	1
5	208210	FAN SPACER	1	14	177261	ENGINE GASKET	1
6	203347	THERMOSTAT COMPLETE	1	15	160427	SEAL	2
7	203348	TEMPERATURE SWITCH	1	16	202479	DRAIN VALVE	1
8	164393	SEAL	1	17	203350	HOSE	1
9	208206	GASKET/THERMOSTAT	1	18	203351	HOSE	1

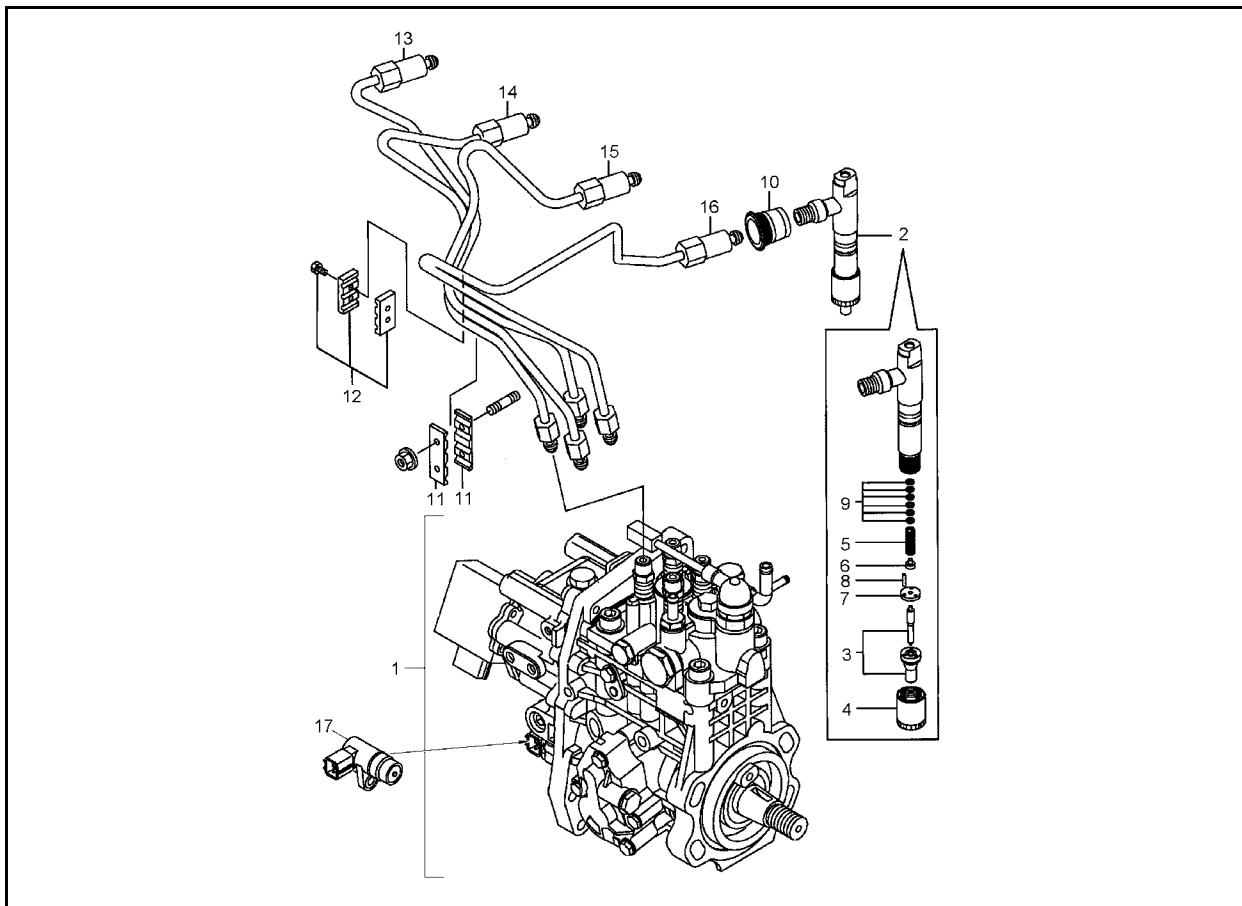
803 - COOLING SYSTEM - TIER II
1000155264 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208203	WATER PUMP	1	9	425-36111	THERMOSTAT	1
2	425-36113	GASKET/WATER PUMP	1	10	177261	ENGINE GASKET	3
3	177559	V-BELT	1	11	179407	SEAL/THERMOSTAT CASING	1
4	208221	BELT PULLEY	1	12	208207	HOSE	1
5	160427	SEAL	2	13	208208	HOSE	1
6	208205	THERMOSTAT COMPLETE	1	14	208209	TEMPERATURE SENSOR	1
7	425-36114	GASKET/THERMOSTAT	1	15	208210	FAN SPACER	1
8	208206	GASKET/THERMOSTAT	1	16	203349	THERMOSTAT HOUSING	1

803 - FUEL INJECTION SYSTEM - TIER III

1000185040 - (SN AH00611 AND UP)



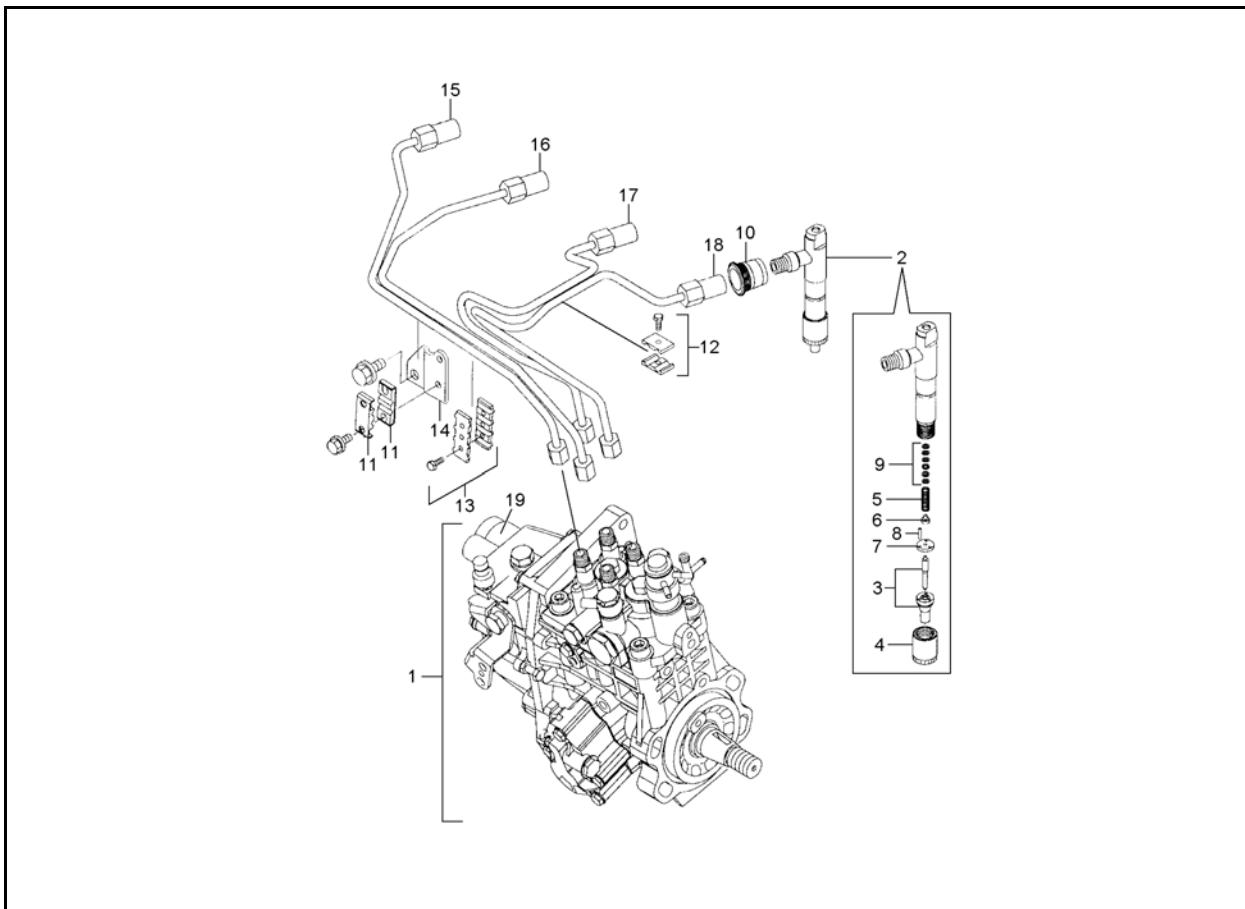
Ref.

No.	Part No.	Description	Qty.
1	203352	INJECTION PUMP	1
2	203441	INJECTION NOZZLE	4
3	203353	NOZZLE	4
4	164368	NUT	4
5	164370	SPRING - NOZZLE	4
6	164371	SEAT- NOZZLE SPRING	4
7	164372	PLATE - STOP	4
8	164373	PIN	8
9	164663	ADJUSTING WASHER	4

Ref.

No.	Part No.	Description	Qty.
10	208192	RUBBER SLEEVE	4
11	203354	CLAMP	2
12	177344	CLAMP	1
13	203355	PIPE LINE	1
14	203356	PIPE LINE	1
15	203357	PIPE LINE	1
16	203358	PIPE LINE	1
17	203359	SENSOR	1

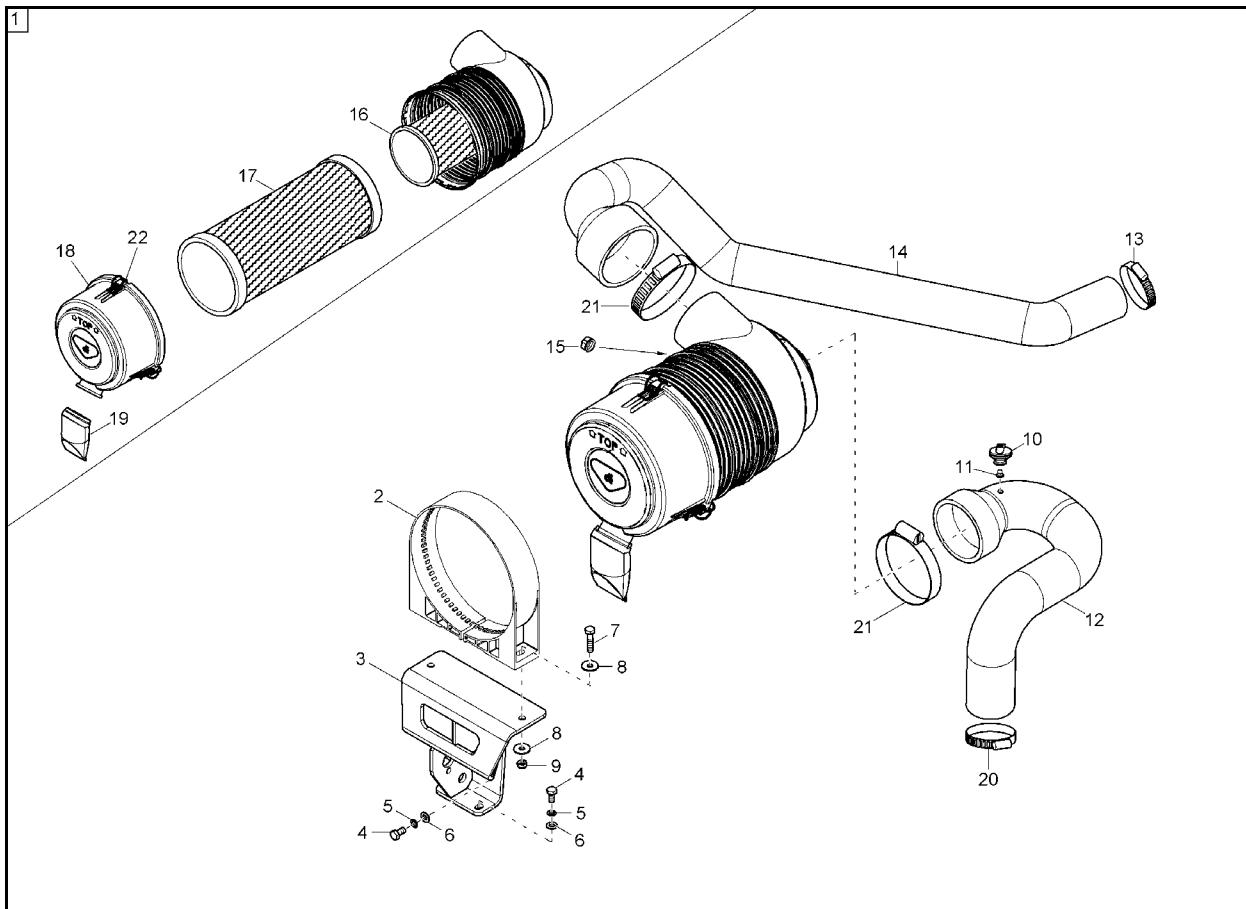
803 - FUEL INJECTION SYSTEM - TIER II
1000125886 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208189	INJECTION PUMP	1	11	208193	CLAMP	2
2	208190	INJECTION NOZZLE	4	12	206363	CLAMP	1
3	208191	NOZZLE	4	13	177348	CLAMP	1
4	164368	NUT	4	14	208194	BRACKET	1
5	164370	SPRING - NOZZLE	4	15	208195	PIPE LINE	1
6	164371	SEAT - NOZZLE SPRING	4	16	208196	PIPE LINE	1
7	164372	PLATE - STOP	4	17	208197	PIPE LINE	1
8	164373	PIN	8	18	208198	PIPE LINE	1
9	164663	ADJUSTING WASHER	4	19	189575	SOLENOID/STOP	1
10	208192	RUBBER SLEEVE	4				

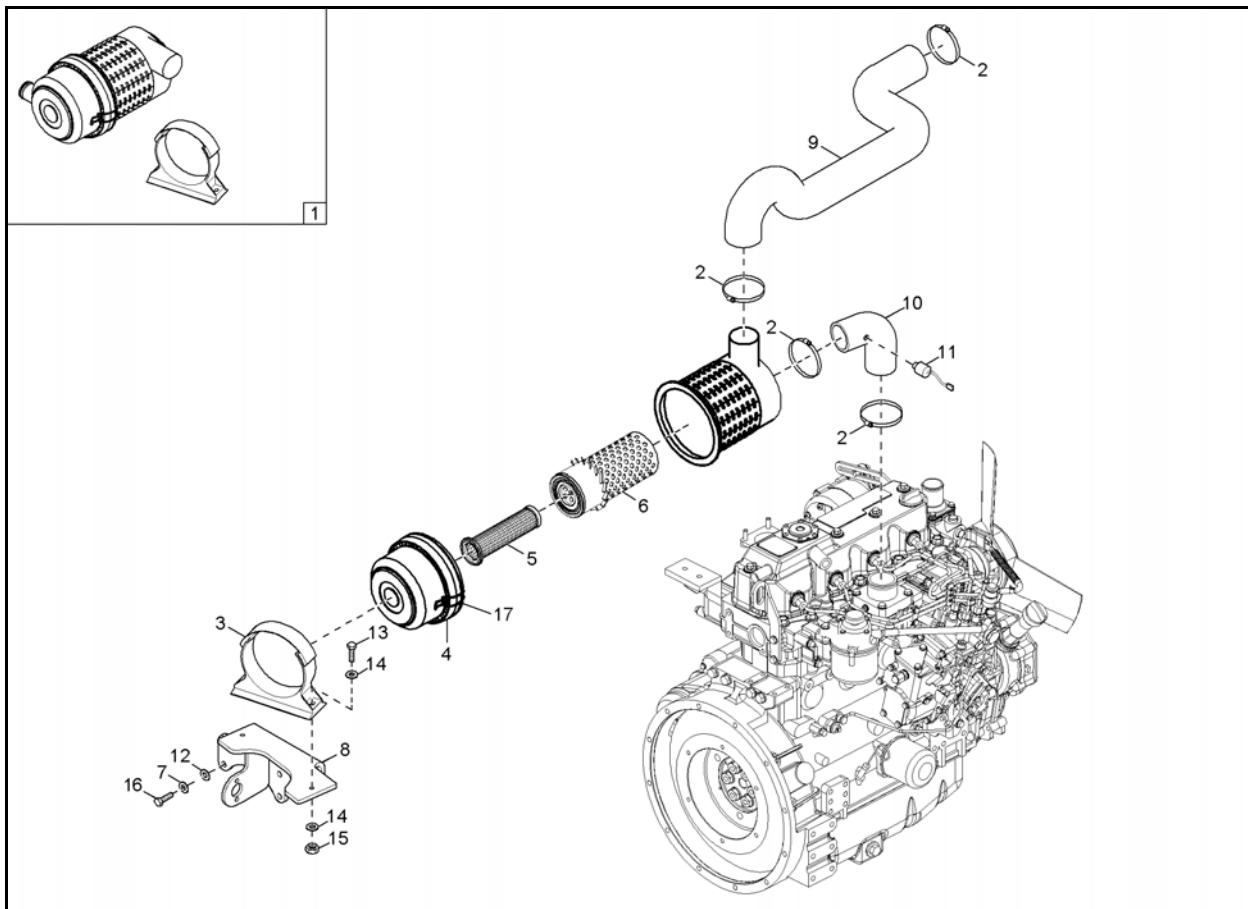
803 - ENGINE AIR FILTER - TIER III

1000180400 - (SN AH00611 AND UP)



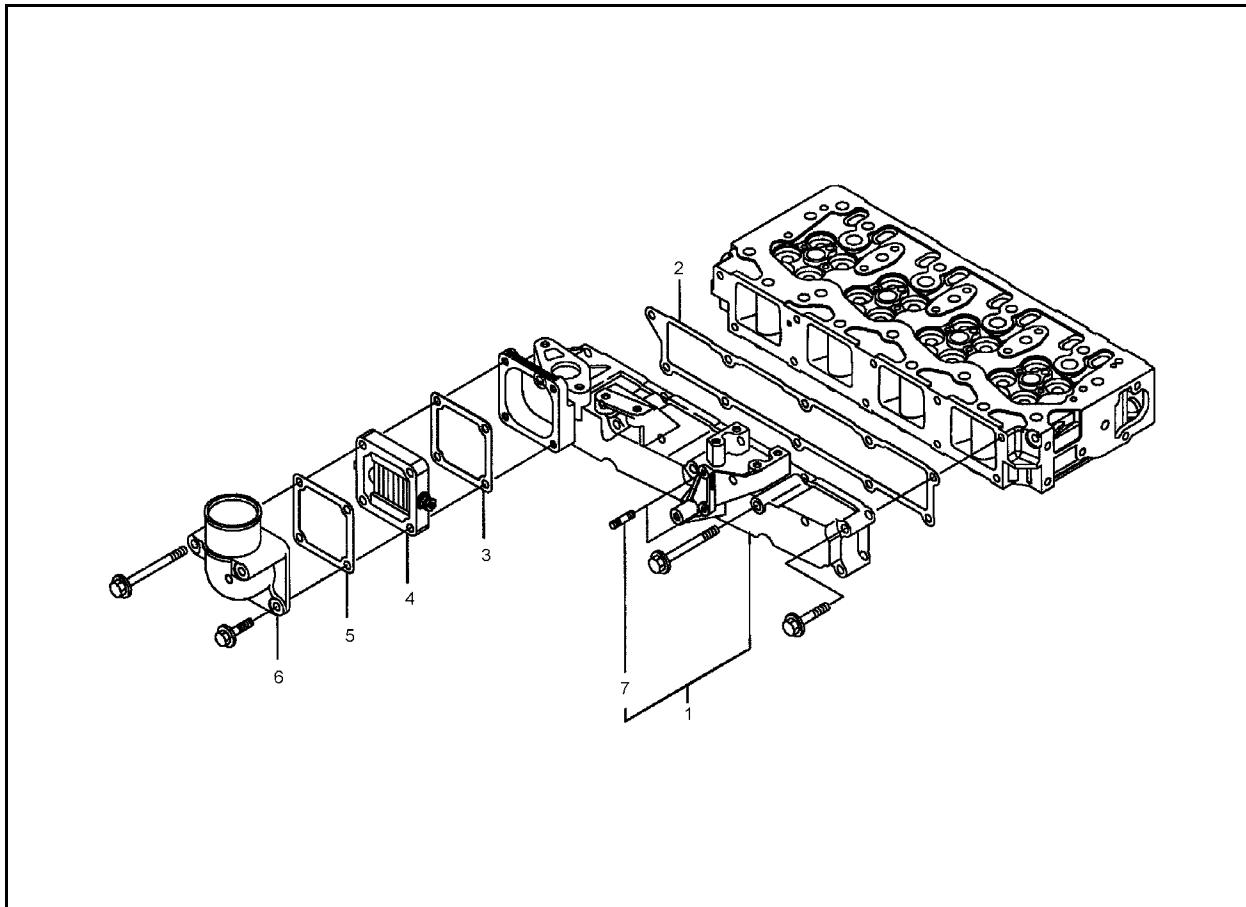
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205287	AIR FILTER COMPLETE (Includes Ref. Nos. 16, 17, 18, 19, 22)	1	12	203363	HOSE/AIR SUCTION	1
2	205288	BRACKET/AIR FILTER	1	13	162611	HOSE CLAMP	1
3	203360	BRACKET/AIR FILTER	1	14	203364	HOSE/AIR SUCTION	1
4	177648	HEX SCREW	6	15	203365	PLUG	1
5	163670	LOCKWASHER	6	16	207343	AIR FILTER - INNER	1
6	163634	WASHER	6	17	207342	AIR FILTER - OUTER	1
7	656002	CS M8-1.25X35 C8.8 ZY DIN931	2	18	205290	AIR FILTER COVER (Includes Ref. No. 22)	1
8	7462680011	WASHER 8.4 ST A2C	4	19	205291	DUST VALVE	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2	20	163210	HOSE CLAMP	1
10	203361	SWITCH/AIR FILTER	1	21	164964	COLLAR	2
11	203362	THREAD BOLT	1	22	L99933	LATCH	3

803 - ENGINE AIR FILTER - TIER II
1000128462 - (SN AD07187 AND BEFORE)



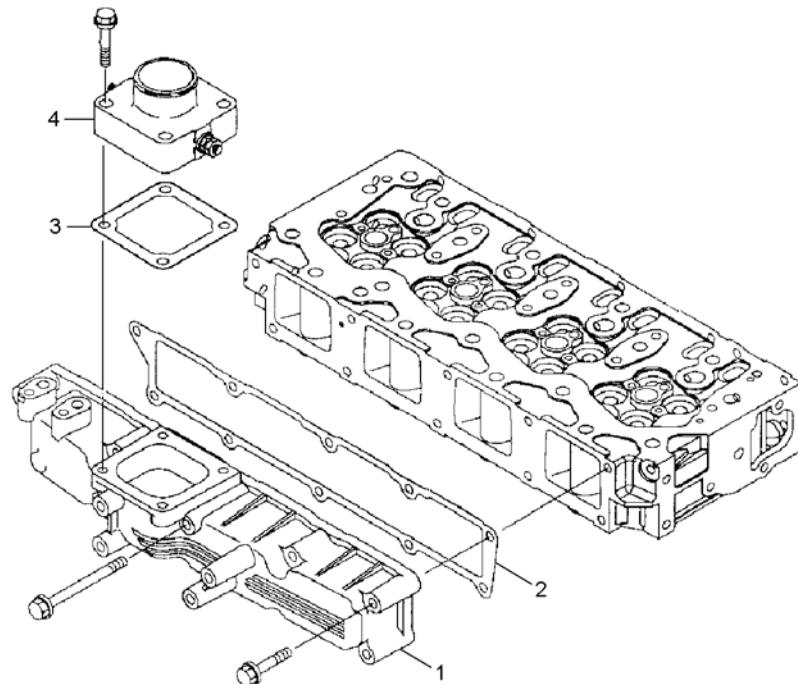
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178532	AIR FILTER COMPLETE (Includes Ref. Nos. 3, 4, 5, 6, 7, 17)	1	10	177532	HOSE/AIR SUCTION	1
2	162611	HOSE CLAMP	4	11	164337	DIRT INDICATOR	1
3	178538	BRACKET	1	12	161640	WASHER/GR A 10.5	3
4	178534	CAP (Includes Ref. No. 17)	1	13	651434	HB M8-1.25X45 C8.8 ZY	2
5	188817	AIR FILTER - INNER	1	14	7462680011	WASHER 8.4 ST A2C	4
6	188814	AIR FILTER - OUTER	1	15	161679	HLN INS M8 8 ZO D985	2
7	161669	LOCKWASHER S10	3	16	651395	CS M10-1.5X30 C10.9 ZY	3
8	177528	BRACKET/AIR FILTER	1	17	L99933	LATCH	3
9	177148	HOSE/AIR SUCTION	1				

803 - INTAKE MANIFOLD - TIER III
1000185041 - (SN AH00611 AND UP)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203366		INTAKE MANIFOLD	1	5	203368		GASKET	1
2	208201		INTAKE MANIFOLD GASKET	1	6	203369		INTAKE FLANGE	1
3	208202		ENGINE GASKET	1	7	204782		STUD BOLT	2
4	203367		PREHEATER	1					

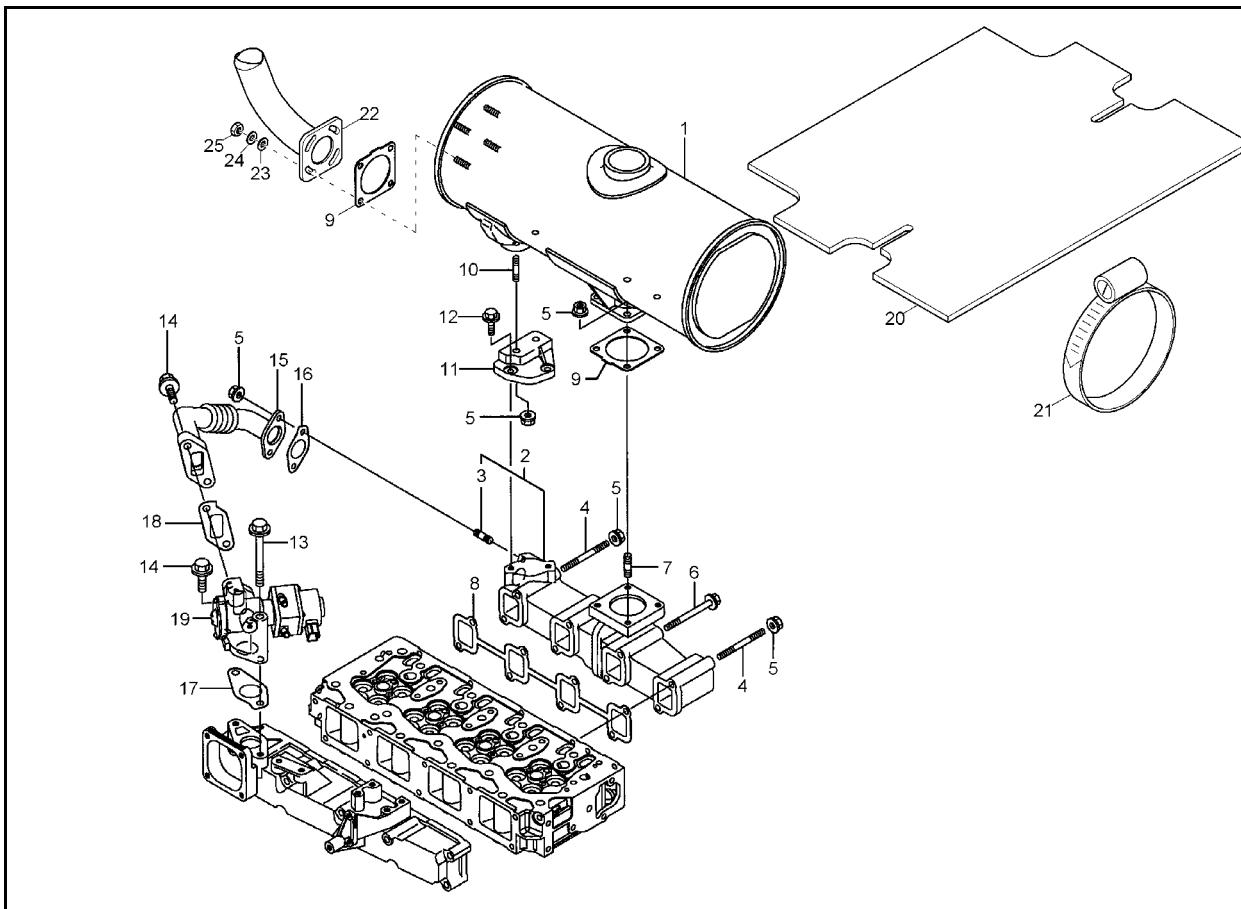
803 - INTAKE MANIFOLD - TIER II
100012588 - (SN AD07187 AND BEFORE)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	208200		INTAKE MANIFOLD	1	3	208202		GASKET	1
2	208201		INTAKE MANIFOLD GASKET	1	4	160426		PREHEATER	1

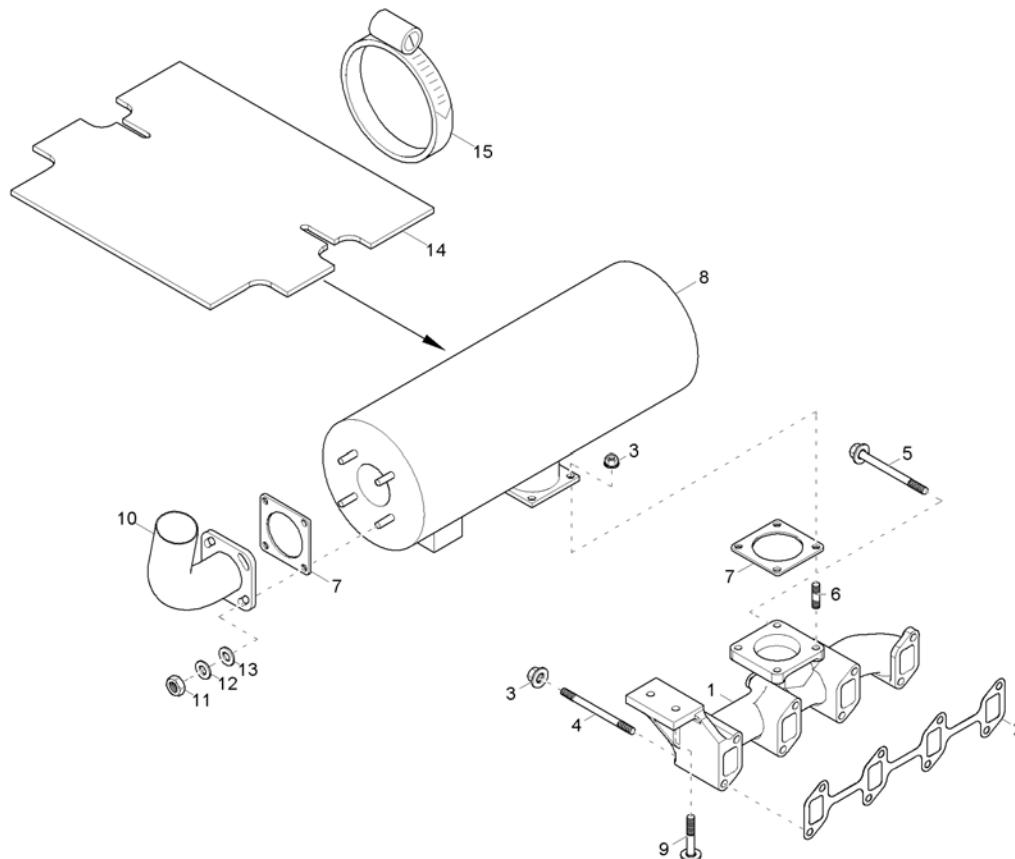
803 - EXHAUST COMPONENTS - TIER III

1000185042 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177199	MUFFLER	1	13	164332	SCREW	1
2	203370	EXHAUST MANIFOLD (Includes Ref. No. 3)	1	14	203375	SCREW	3
3	164351	SCREW	2	15	203376	PIPE LINE	1
4	203371	STUD BOLT	2	16	203377	SEAL	1
5	177400	HEXAGON NUT	10	17	203378	SEAL	1
6	203372	SCREW	6	18	203379	SEAL	1
7	177401	STUD BOLT	4	19	203380	VALVE	1
8	425-36128	EXHAUST MANIFOLD GASKET	1	20	177181	ISOLATION MAT/EXHAUST	1
9	177112	GASKET	2	21	165269	HOSE CLAMP	4
10	203373	STUD BOLT	2	22	177149	EXHAUST PIPE	1
11	203374	BRACKET	1	23	163634	WASHER	4
12	177256	SCREW	2	24	163670	LOCKWASHER	4
				25	656048	HN M8-1.25 C8 ZY DIN934	4

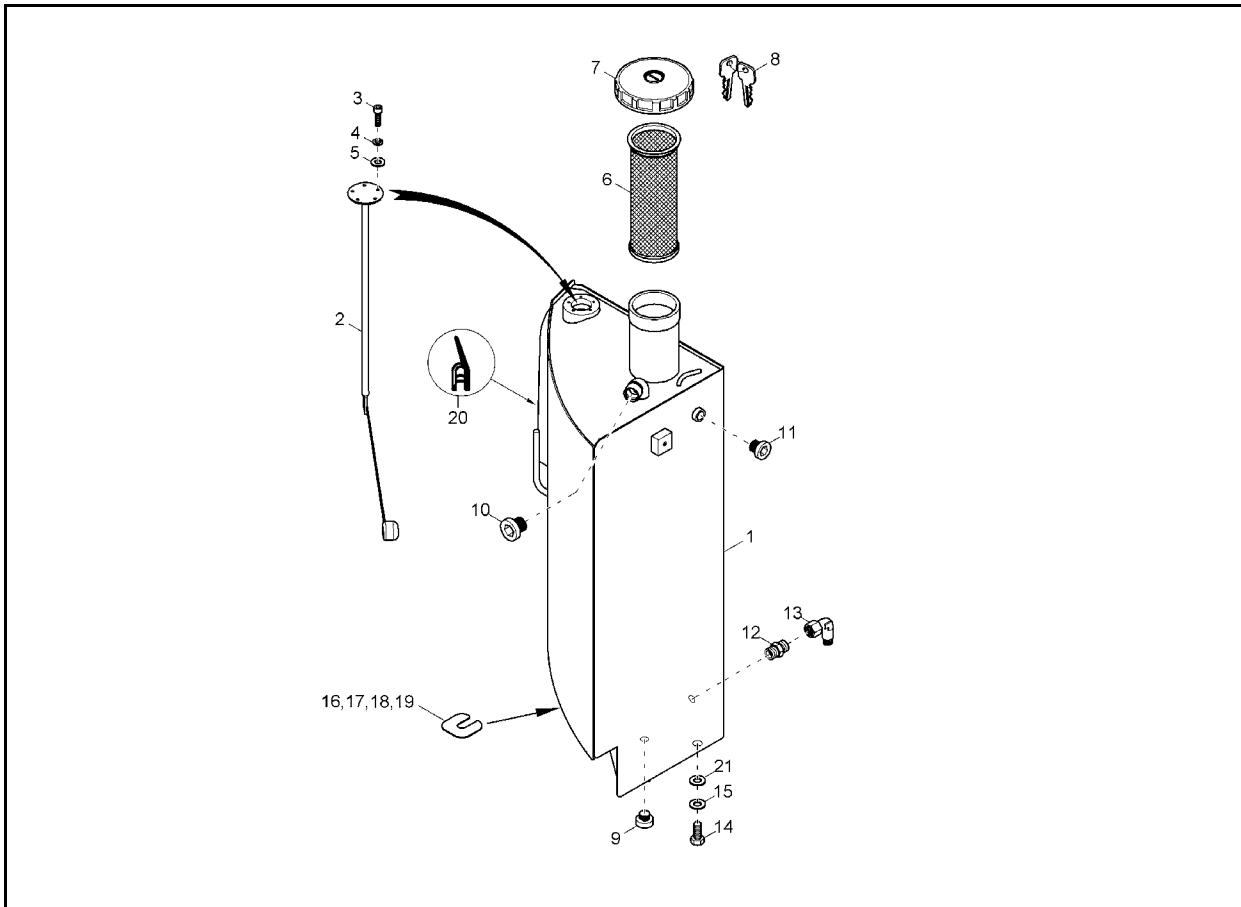
803 - EXHAUST COMPONENTS - TIER II
1000128464 - (SN AD07187 AND BEFORE)



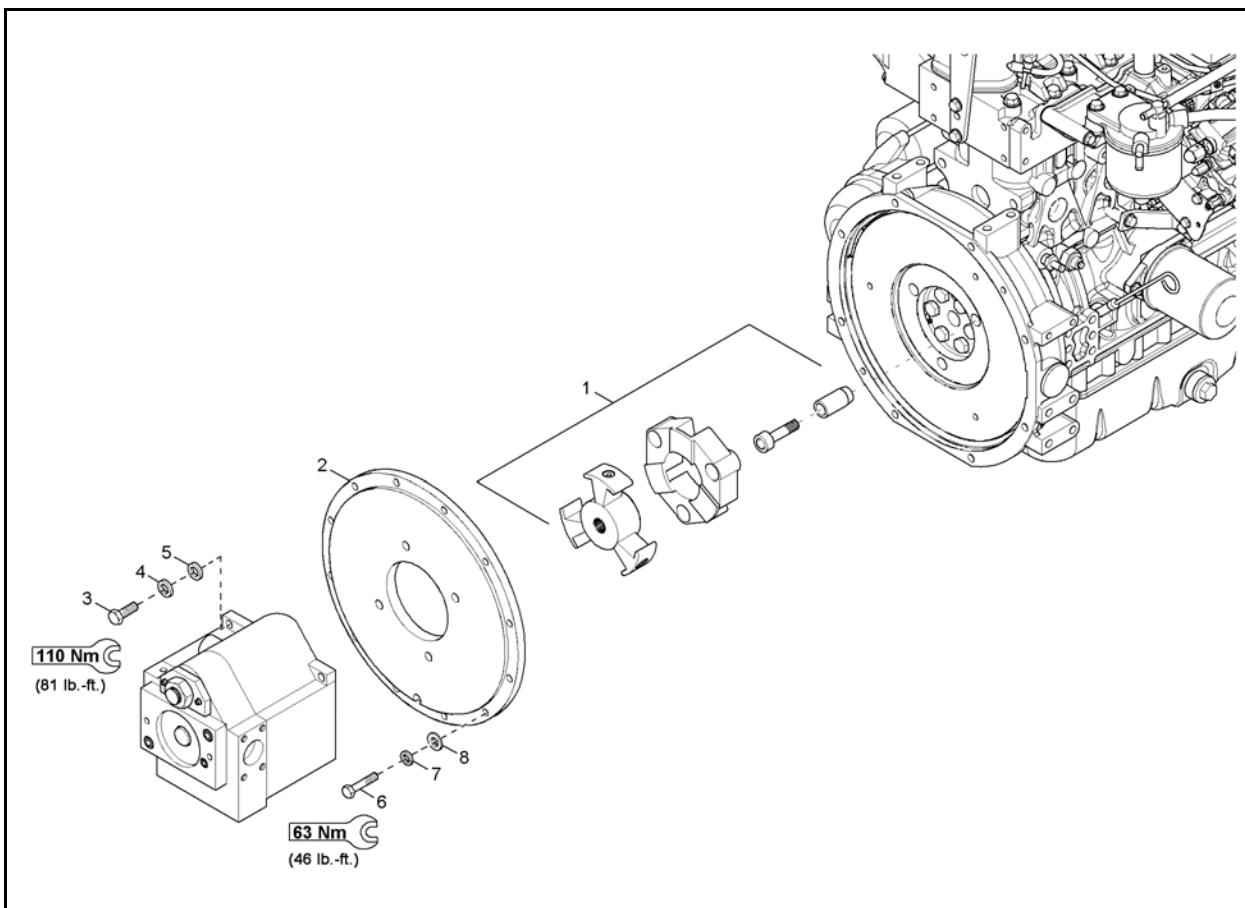
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	177198		EXHAUST MANIFOLD	1	9	164438		SCREW	2
2	425-36128		EXHAUST MANIFOLD GASKET	1	10	177149		EXHAUST PIPE	1
3	177400		HEXAGON NUT	6	11	656048		HN M8-1.25 C8 ZY	4
4	164350		STUD BOLT	2	12	163670		LOCKWASHER	4
5	177205		SCREW	6	13	163634		FLATWASHER	4
6	177401		STUD BOLT	4	14	177181		ISOLATION MAT/EXHAUST	1
7	177112		GASKET	2	15	165269		HOSE CLAMP	4
8	177199		MUFFLER	1					

803 - DIESEL TANK

1000181120



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	205092	FUEL TANK	1	12	161427	SCREW JOINT	1
2	177733	FUEL LEVEL SENDER W/GASKET	1	13	161443	90° FITTING	1
3	206436	HEX SCREW	5	14	651411	HB M12-1.7X 60 C10.9 ZY	3
4	161674	LOCKWASHER S16	5	15	163651	WASHER	3
5	161659	WASHER/GR A 5.3 ZO DIN125	5	16	206849	SHIM - 0.5 MM	AR
6	161059	FUEL STRAINER	1	17	208224	SHIM - 1.0 MM	AR
7	164714	TANK CAP/PLASTIC W/O KEYS	1	18	208225	SHIM - 2.0 MM	AR
8	101792	KEYS (W/O TANK COVER)	1	19	208226	SHIM - 3.0 MM	AR
9	161415	PLUG	1	20	207162	RUBBER EXTRUSION (1.5M)	1
10	179799	HEXAGON HEAD SOCKET PIPE PLUG	1	21	161642	WASHER/GR A 13	3
11	164924	PLUG	1				



Ref.

No. Part No.

Description

Qty.

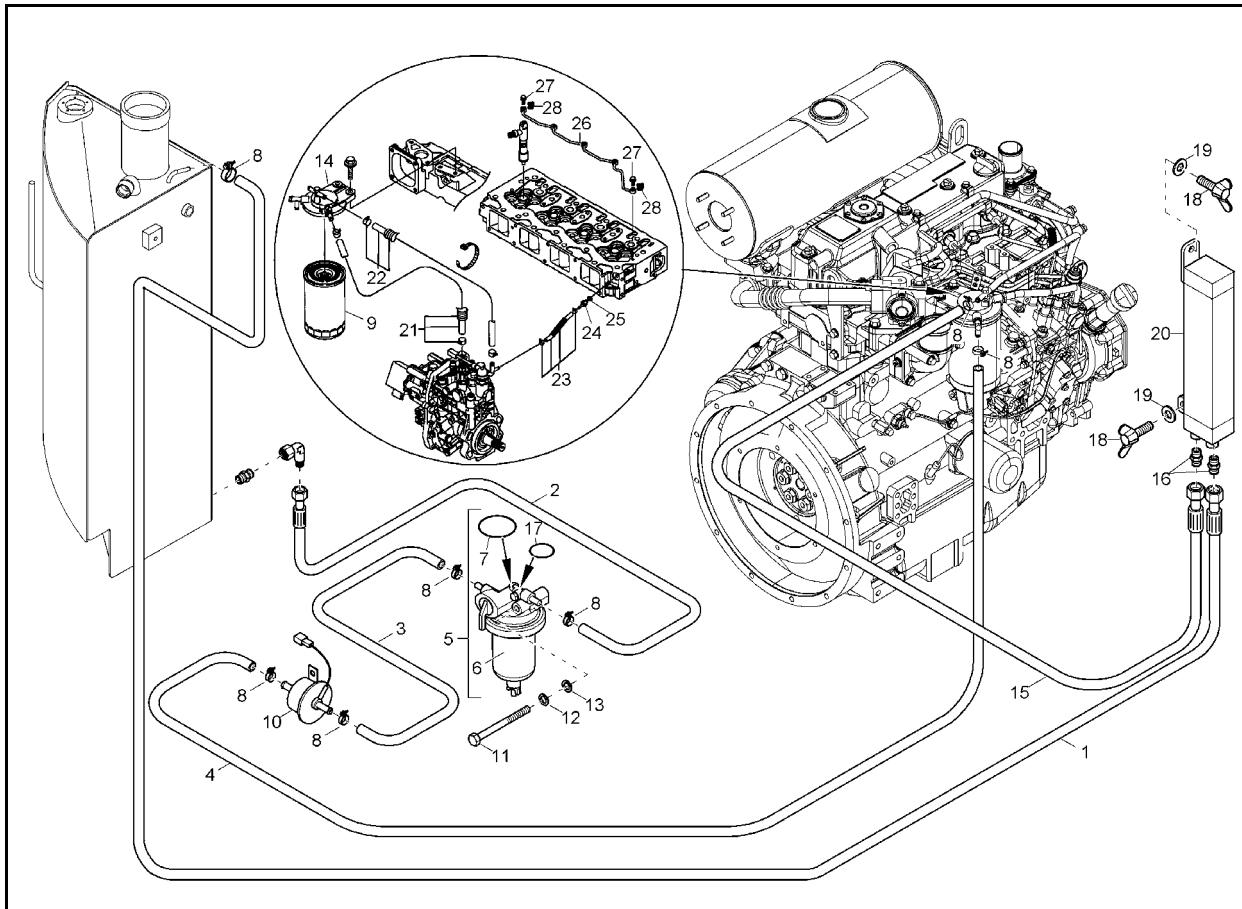
1	177197	COUPLING	1
2	177196	PUMP CARRIER	1
3	651408	CS M12-1.75X40 C10.9 ZY	4
4	163651	WASHER	4

Ref.

No. Part No.

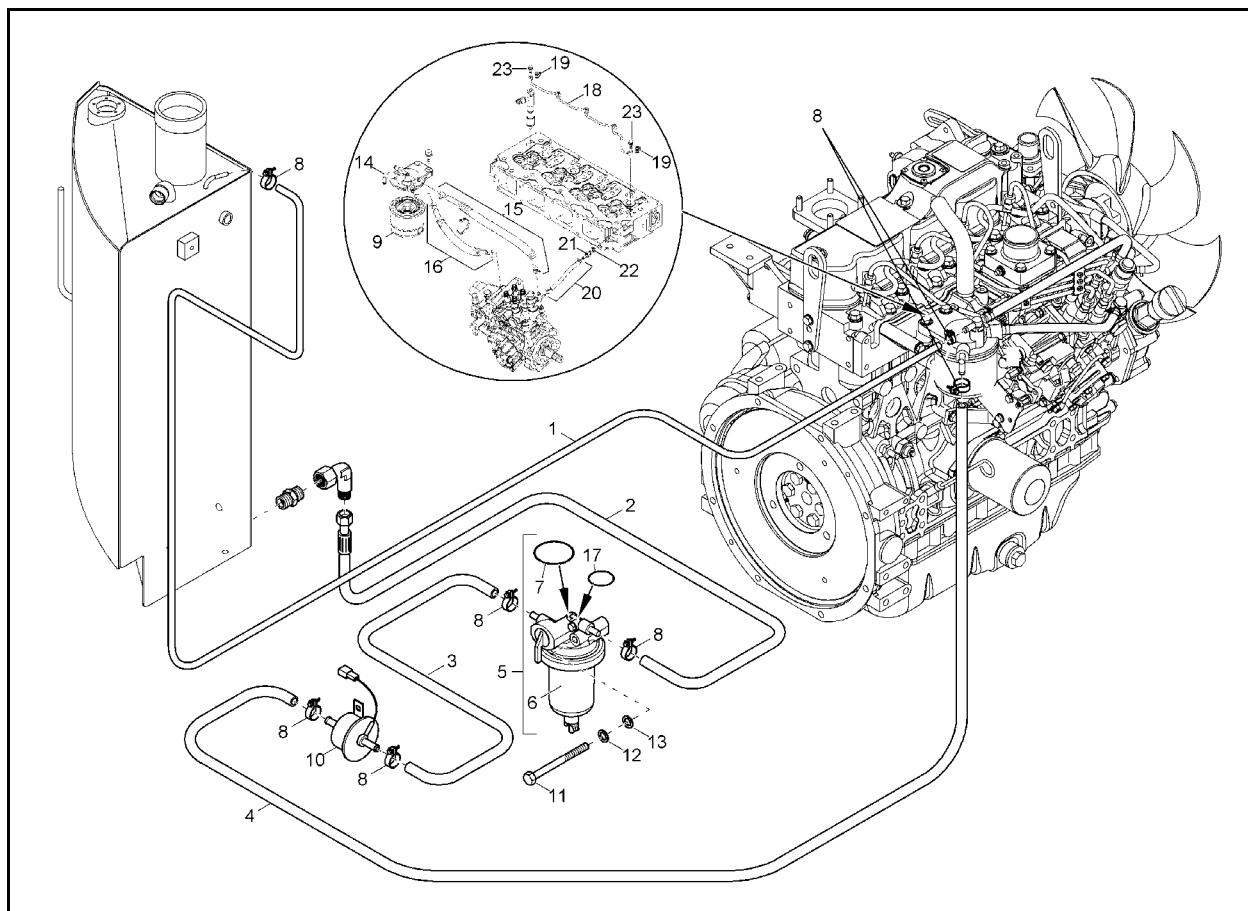
5	161642	WASHER/GR A 13	4
6	651395	CS M10-1.5X30 C10.9 ZY	12
7	161669	LOCKWASHER S10	12
8	161640	WASHER/GR A 10.5	12

803 - FUEL SUPPLY - TIER III
1000180668 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203381	FUEL LINE	1	15	203382	FUEL LINE	1
2	177043	FUEL LINE	1	16	161426	SCREW JOINT	2
3	207262	FUEL LINE (0.5M)	1	17	177659	O-RING	1
4	207267	FUEL LINE (1.2M)	1	18	202552	THUMB SCREW	2
5	177679	WATER SEPARATOR	1	19	163634	WASHER	2
6	186340	FILTER	1	20	202490	DIESEL COOLER	1
7	177664	GASKET/FILTER HOUSING	1	21	203538	HOSE	1
8	178051	HOSE CLAMP	7	22	177567	HOSE	1
9	202488	FUEL FILTER	1	23	203539	HOSE	1
10	177699	FUEL PUMP	1	24	177571	HOSE SLEEVE	1
11	651438	HB M8-1.25X70 C8.8 ZY	1	25	177462	SEAL RING	1
12	163670	LOCKWASHER	1	26	177569	TUBE	1
13	163634	WASHER	1	27	203383	BANJO BOLT	5
14	177893	BRACKET/FUEL FILTER	1	28	177570	SEAL KIT	5

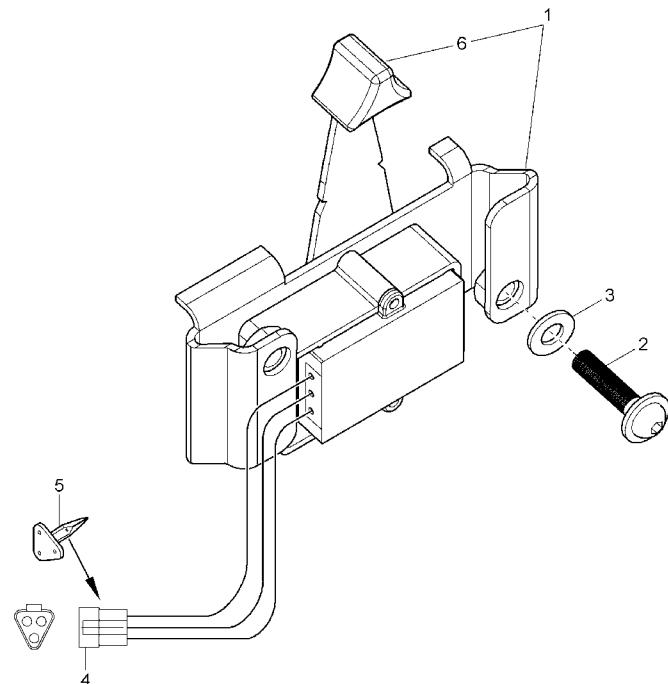
803 - FUEL SUPPLY - TIER II
1000133134 - (SN AD07187 AND BEFORE)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	207271	FUEL LINE (3.0M)	1	13	163634	FLATWASHER	1
2	177043	FUEL LINE	1	14	177893	BRACKET/FUEL FILTER	1
3	207262	FUEL LINE (0.5M)	1	15	177567	HOSE	1
4	207267	FUEL LINE (1.2M)	1	16	177568	HOSE	1
5	177679	WATER SEPARATOR (Includes Ref. No. 6)	1	17	177659	O-RING	1
6	186340	FILTER	1	18	177569	TUBE	1
7	177664	GASKET/FILTER HOUSING	1	19	177570	SEAL KIT	1
8	178051	HOSE CLAMP	7	20	209933	BLEED LINE	1
9	137499	FUEL FILTER	1	21	177571	HOSE SLEEVE	1
10	177699	FUEL PUMP	1	22	177462	SEAL RING	1
11	651438	HB M8-1.25X70 C8.8 ZY	1	23	203383	BANJO BOLT	5
12	163670	LOCKWASHER	1				

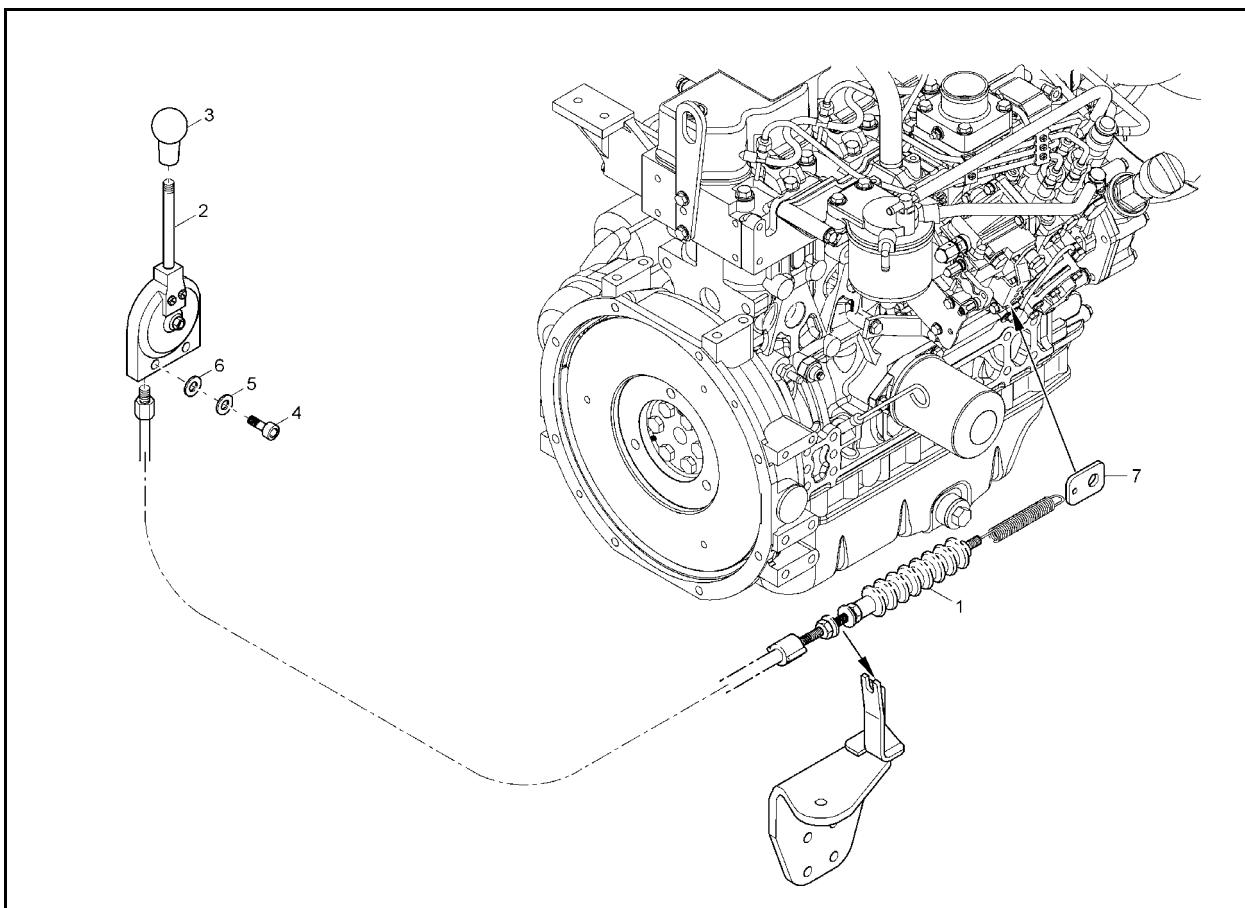
803 - AUTO IDLE/THROTTLE - TIER III

1000180362 - (SN AH00611 AND UP)



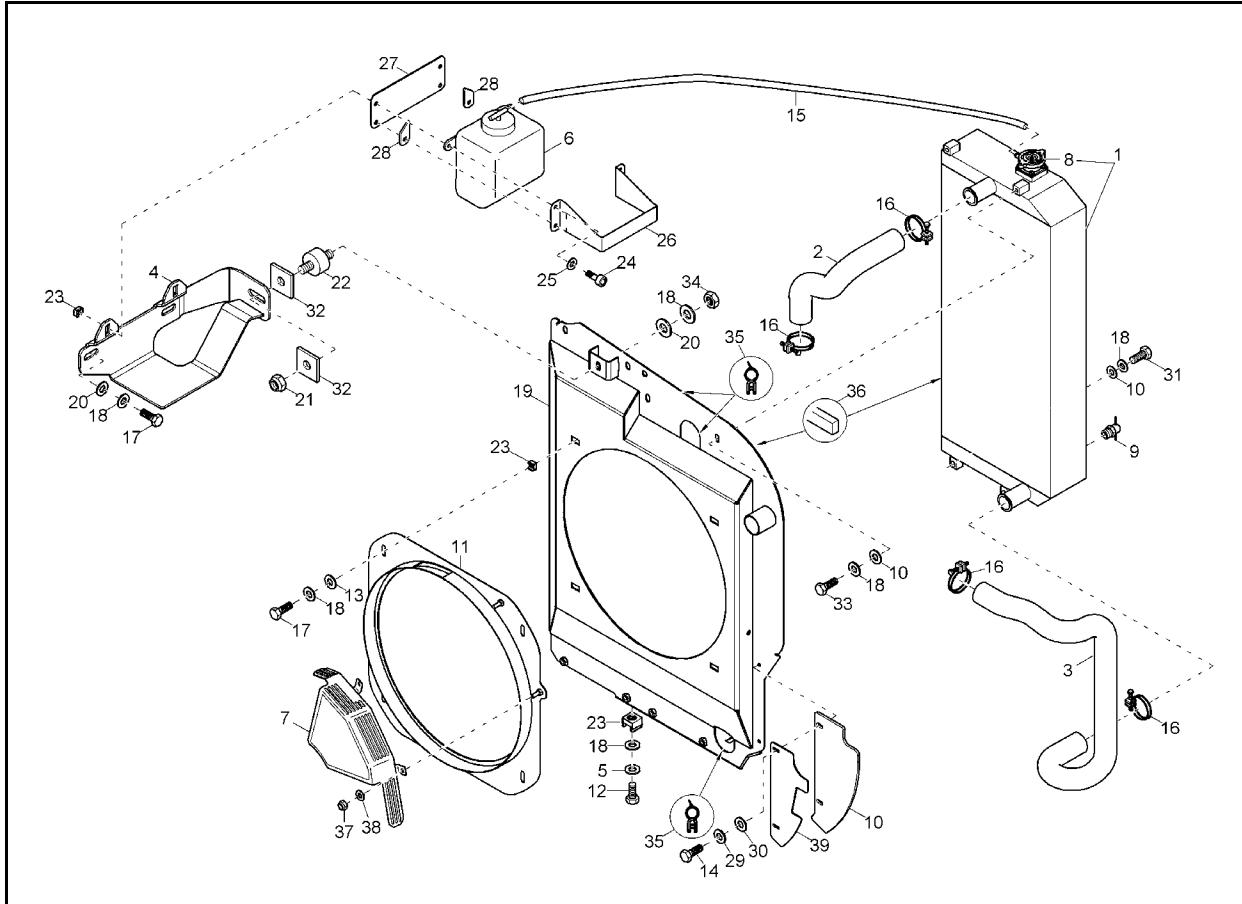
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203384	POTENTIOMETER (Includes Ref. No. 6)	1	4	0003338865	HOUSING	1
2	201719	FHCS M6 X 12	2	5	0003339065	PIN HOUSING	1
3	7462680206	SPACER	2	6	203385	HANDLE	1

803 - THROTTLE LEVER - TIER II
1000124009 - (SN AD07187 AND BEFORE)



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					

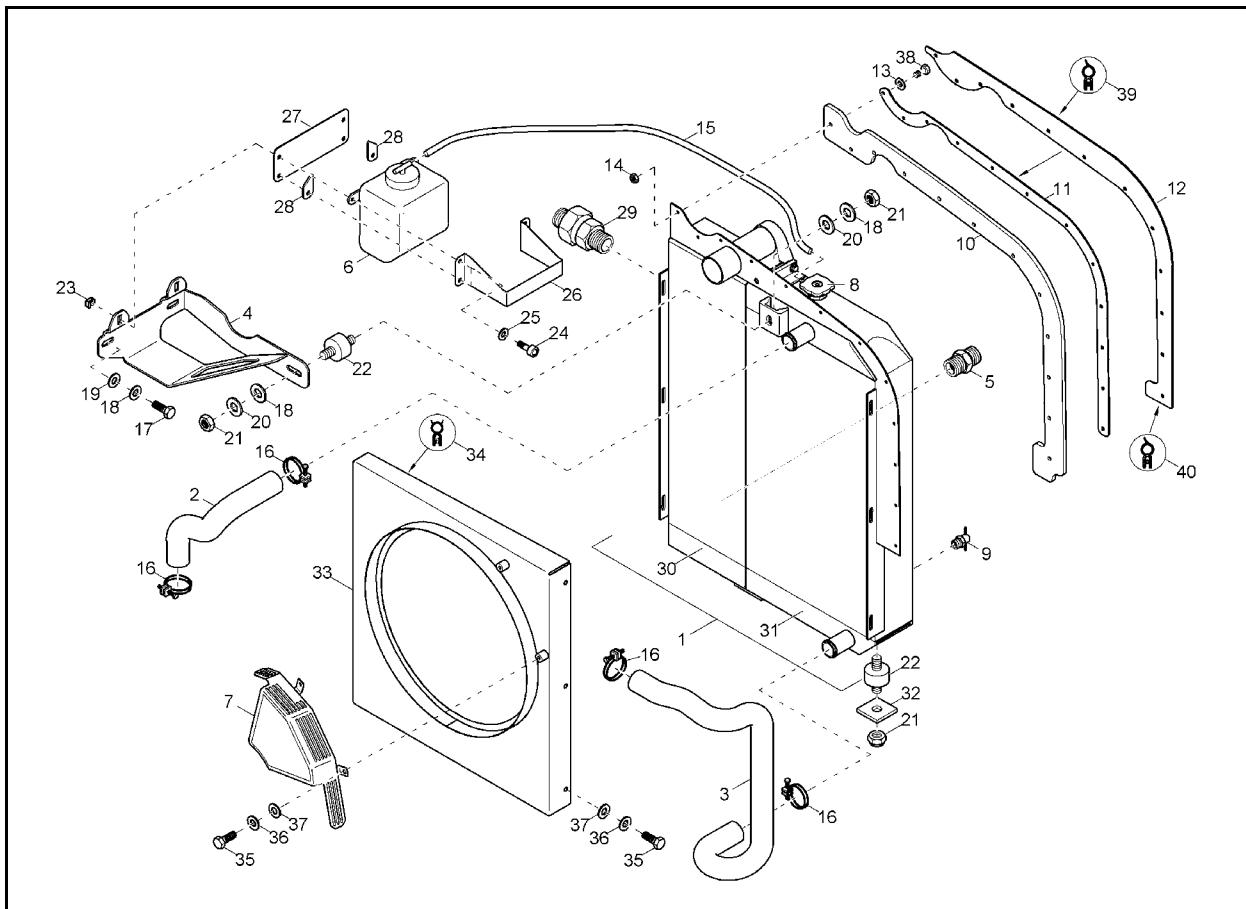
803 - RADIATOR - TIER III
1000180363 - (SN AH00611 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	203386	RADIATOR * (Includes Ref. No. 8)	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	1
2	177150	RADIATOR HOSE	1	22	164851	RUBBER METAL BUFFER	1
3	177151	RADIATOR HOSE	1	23	177700	CAGE NUT	6
4	203387	SUPPORT BRACKET	1	24	162478	SCREW	4
5	161640	WASHER/GR A 10.5	10	25	161659	WASHER/GR A 5.3 ZO DIN125	4
6	177473	RESERVOIR	1	26	177009	RADIATOR SCOOP	1
7	205135	FAN GUARD	1	27	177011	BRACKET	1
8	201591	RADIATOR CAP	1	28	177010	SHIM	2
9	164311	DRAIN SCREW	1	29	161675	LOCKWASHER S6	2
10	203388	SEAL	1	30	7462680008	WASHER	2
11	203389	RING	1	31	651393	CS M10-1.5X25 C8.8 ZY	4
12	651395	CS M10-1.5X30 C10.9 ZY DIN931	2	32	203391	SPACER	2
13	161651	WASHER 20	4	33	651399	CS M10-1.5X40 C8.8 ZY	4
14	656128	CS M6-1X30 C8.8 ZY DIN931	2	34	656102	HN M10-1.25 F8 ZY DIN934	1
15	206802	SYNTHETIC HOSE (0.70M)	1	35	206013	RUBBER PROFILE (1.50M)	1
16	204753	HOSE CLAMP	4	36	203438	RUBBER (5.20M)	1
17	656006	CS M10-1.5X20 C8.8 ZY DIN931	6	37	651458	LN INS M8-1.25 C8 ZY DIN6924	2
18	161669	LOCKWASHER S10	17	38	163634	WASHER	2
19	203390	HOUSING	1	39	203540	BRACKET	1
20	161663	WASHER/GR A 10.5 ZO	3				

* See page 47 for the oil cooler.

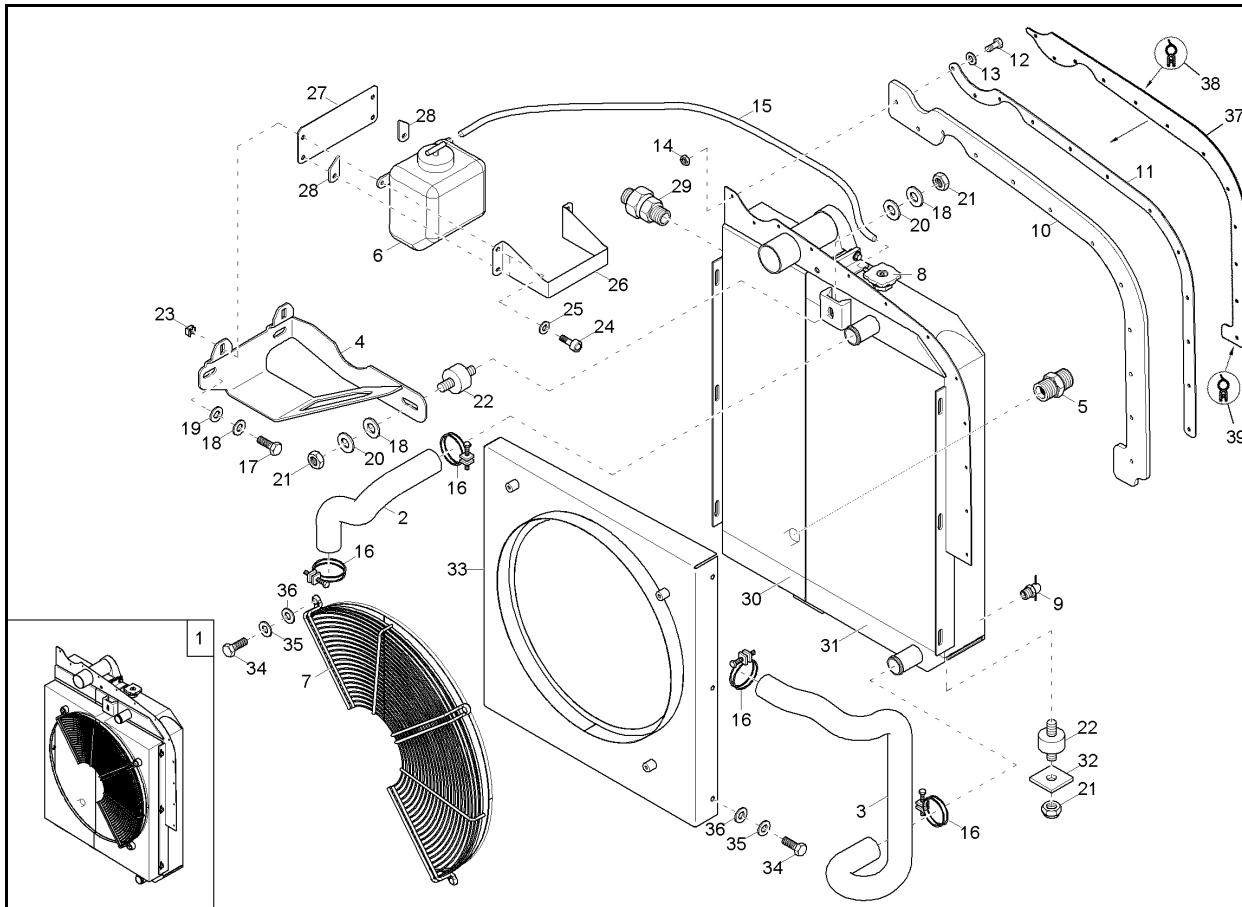
803 - RADIATOR - TIER II
1000155723 - (SN AD04603 - AH00610)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205134	RADIATOR - COMPLETE	1	22	164851	RUBBER METAL BUFFER	3
2	177150	RADIATOR HOSE	1	23	161612	NUT/CAGE M5	2
3	177151	RADIATOR HOSE	1	24	162478	SCREW	4
4	177015	SUPPORT ANGLE	1	25	161659	WASHER/GR A 5.3 ZO DIN125	4
5	161433	SCREW JOINT	1	26	177009	RADIATOR SCOOP	1
6	177473	RESERVOIR	1	27	177011	BRACKET	1
7	205135	FAN GUARD	1	28	177010	SHIM	2
8	176921	RADIATOR CAP	1	29	178651	NON-RETURN VALVE	1
9	164311	DRAIN SCREW	1	30	208248	OIL COOLER	1
10	177066	COVER	1	31	208249	RADIATOR	1
11	177065	PLATE	1	32	206850	SPACER	2
12	203392	PLATE *	1	33	205133	RADIATOR SCOOP	1
13	161660	WASHER GR A6.4 ZO DIN 125	12	34	205398	RUBBER PROFILE (3.00M)	1
14	651457	LN INS M6-1 C8 ZY DIN6924	12	35	656093	CS M8-1.25X16 C8.8 ZY DIN931	8
15	206802	SYNTHETIC HOSE (0.70M)	1	36	163670	LOCKWASHER	8
16	204753	HOSE CLAMP	4	37	163634	WASHER	8
17	656006	CS M10-1.5X20 C8.8 ZY DIN931	2	38	164895	SCREW	12
18	161669	LOCKWASHER S10	4	39	206013	RUBBER PROFILE (1.21M)	1
19	163642	WASHER	2	40	205666	RUBBER PROFILE (0.07M)	1
20	161663	WASHER/GR A 10.5 ZO	2				
21	651448	LN INS M10-1.5 C8 ZY DIN6924	4				

* Included in Engine Hood Kit No. 202657.

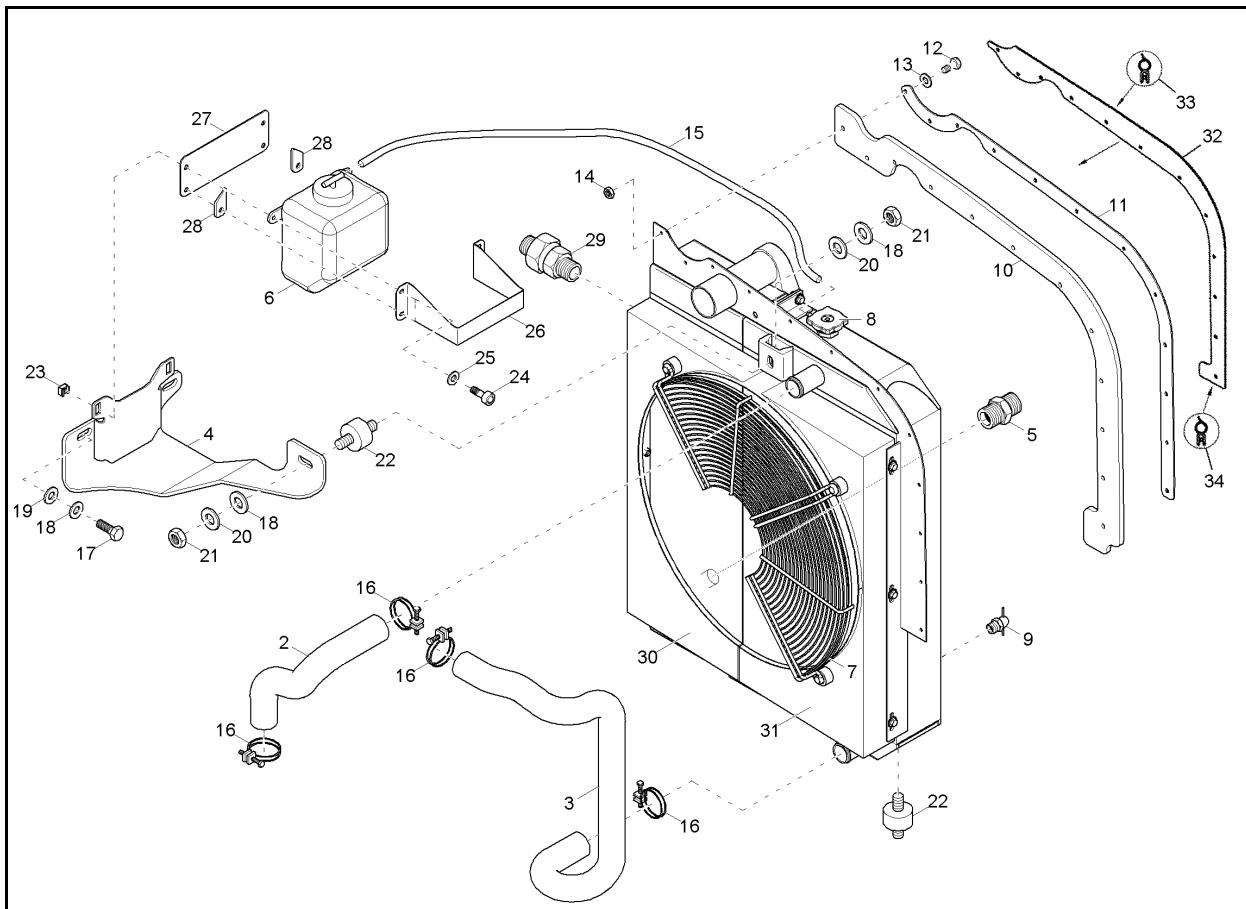
803 - RADIATOR - TIER II
1000135005 - (SN AC02864 - AD04602)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205134	RADIATOR - COMPLETE	1	21	651448	LN INS M10-1.5 C8 ZY DIN6924	4
2	177150	RADIATOR HOSE	1	22	164851	RUBBER METAL BUFFER	3
3	177151	RADIATOR HOSE	1	23	161612	NUT/CAGE M5	2
4	177015	SUPPORT ANGLE	1	24	162478	SCREW	4
5	161433	SCREW JOINT	1	25	161659	WASHER/GR A 5.3 ZO DIN125	4
6	177473	RESERVOIR	1	26	177009	RADIATOR SCOOP	1
7	178627	FAN GUARD	1	27	177011	BRACKET	1
8	176921	RADIATOR CAP	1	28	177010	SHIM	2
9	164311	DRAIN SCREW	1	29	178651	NON-RETURN VALVE	1
10	177066	COVER	1	30	208248	OIL COOLER	1
11	177065	PLATE	1	31	208249	RADIATOR	1
12	164895	SCREW	12	32	206850	SPACER	2
13	161660	WASHER GR A6.4 ZO DIN 125	12	33	205104	RADIATOR SCOOP	1
14	651457	LN INS M6-1 C8 ZY DIN6924	12	34	656093	CS M8-1.25X16 C8.8 ZY DIN931	9
15	206802	SYNTHETIC HOSE (0.70M)	1	35	163670	LOCKWASHER	9
16	204753	HOSE CLAMP	4	36	163634	WASHER	9
17	656006	CS M10-1.5X20 C8.8 ZY DIN931	2	37	203392	PLATE *	1
18	161669	LOCKWASHER S10	4	38	206013	RUBBER PROFILE (1.21M)	1
19	163642	WASHER	2	39	205666	RUBBER PROFILE (0.07M)	1
20	161663	WASHER/GR A 10.5 ZO	2				

* Included in Engine Hood Kit No. 202657.

803 - RADIATOR - TIER II
1000139314 - (SN AC02863 AND BEFORE)

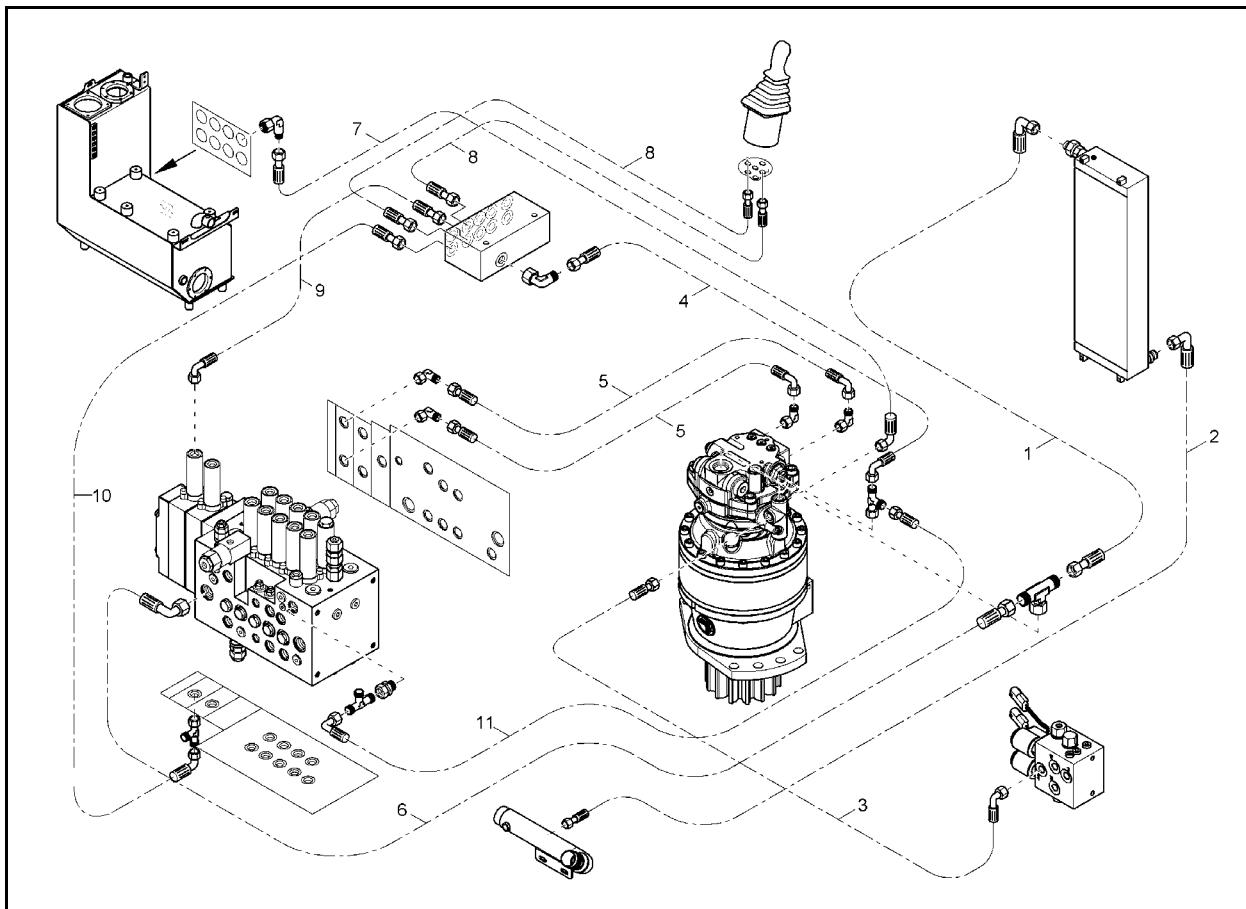


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	177150	RADIATOR HOSE	1	19	163642	WASHER	2
3	177151	RADIATOR HOSE	1	20	161663	WASHER/GR A 10.5 ZO	2
4	203393	BRACKET	1	21	164445	NUT	2
5	161433	SCREW JOINT	1	22	164851	RUBBER METAL BUFFER	3
6	177473	RESERVOIR	1	23	161612	NUT/CAGE M5	2
7	178627	FAN GUARD	1	24	162478	SCREW	4
8	176921	RADIATOR CAP	1	25	161659	WASHER/GR A 5.3 ZO DIN125	4
9	164311	DRAIN SCREW	1	26	177009	RADIATOR SCOOP	1
10	177066	COVER	1	27	177011	BRACKET	1
11	177065	PLATE	1	28	177010	SHIM	2
12	164895	SCREW	12	29	178651	NON-RETURN VALVE	1
13	161660	WASHER GR A6.4 ZO DIN 125	12	30	205120	OIL COOLER	1
14	651457	LN INS M6-1 C8 ZY DIN6924	12	31	205121	RADIATOR	1
15	206802	SYNTHETIC HOSE (0.70M)	1	32	203392	PLATE *	1
16	204753	HOSE CLAMP	4	33	206013	RUBBER PROFILE (1.21M)	1
17	656006	CS M10-1.5X20 C8.8 ZY DIN931	2	34	205666	RUBBER PROFILE (0.07M)	1
18	161669	LOCKWASHER S10	4				

* Included in Engine Hood Kit No. 202657.

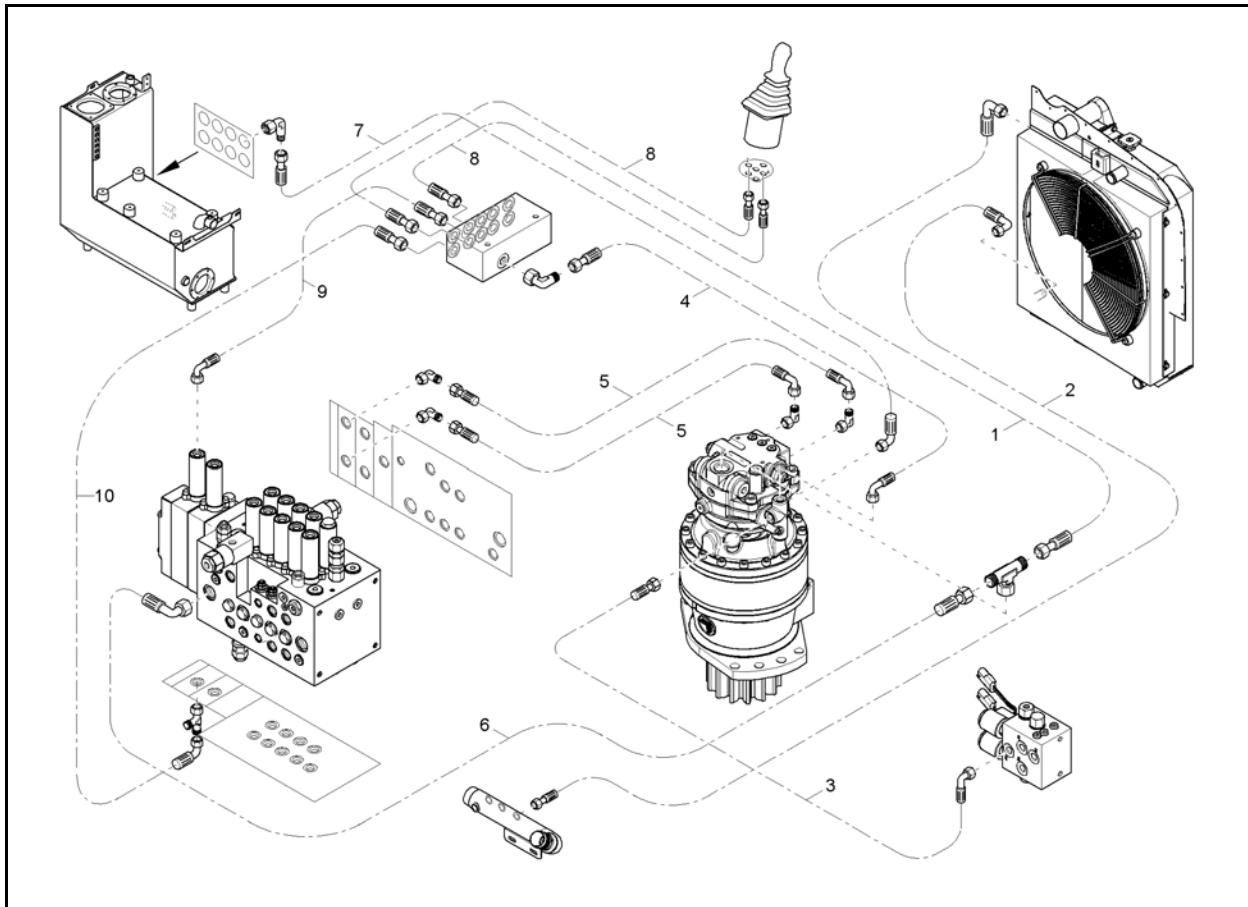
803 - TURNTABLE DRIVE UNIT INSTALLATION

1000180404 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203394	HP HOSE	1	7	163297	HP HOSE	1
2	208324	HP HOSE	1	8	163290	HP HOSE	2
3	162957	HP HOSE	1	9	164794	HP HOSE	1
4	162447	HP HOSE	1	10	164795	HP HOSE	1
5	208325	HP HOSE	2	11	177944	HP HOSE	1
6	161349	HP HOSE	1				

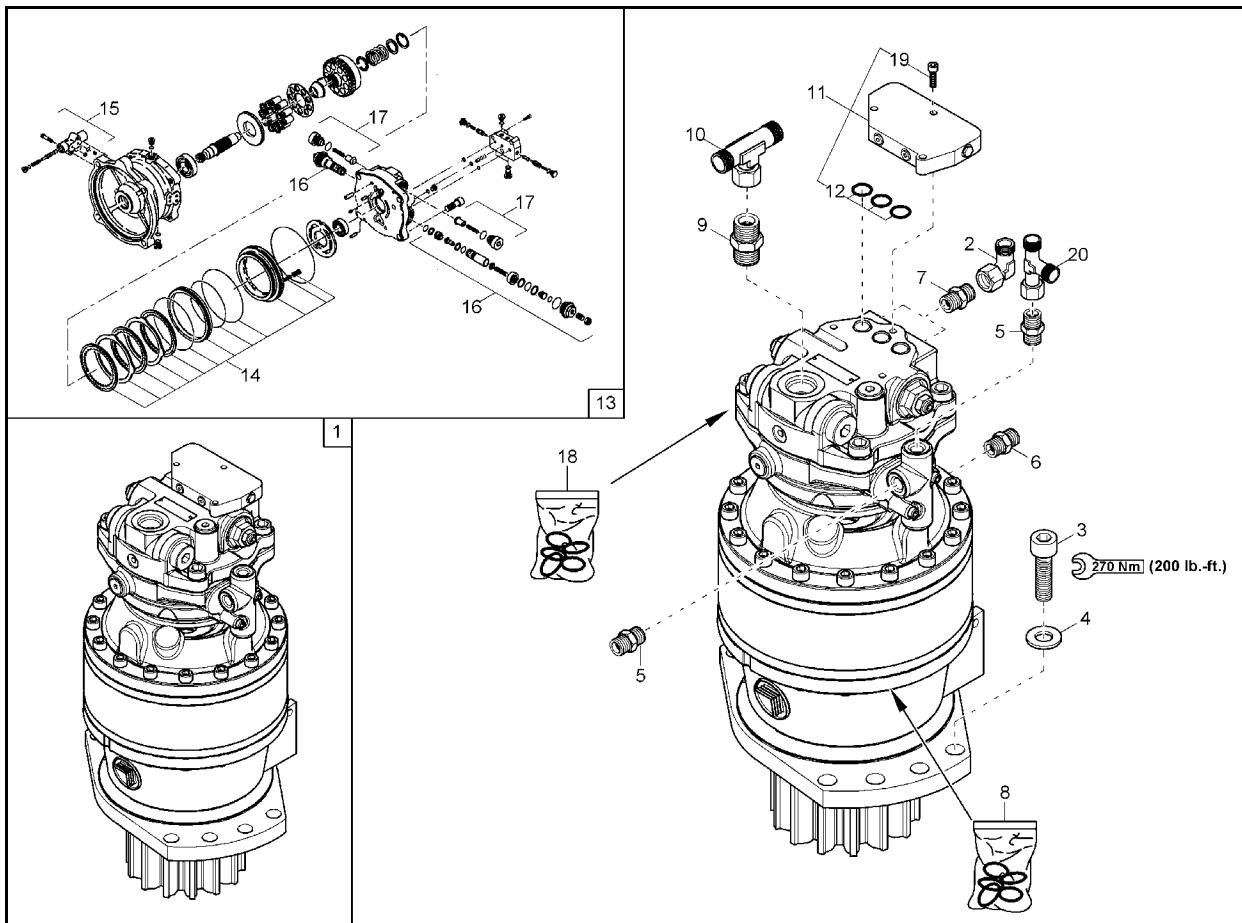
803 - TURNTABLE DRIVE UNIT INSTALLATION
1000136932 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208323	HP HOSE	1	6	161349	HP HOSE	1
2	208324	HP HOSE	1	7	163297	HP HOSE	1
3	162957	HP HOSE	1	8	163290	HP HOSE	2
4	162447	HP HOSE	1	9	164794	HP HOSE	1
5	208325	HP HOSE	2	10	164795	HP HOSE	1

803 - TURNTABLE DRIVE UNIT

1000184578



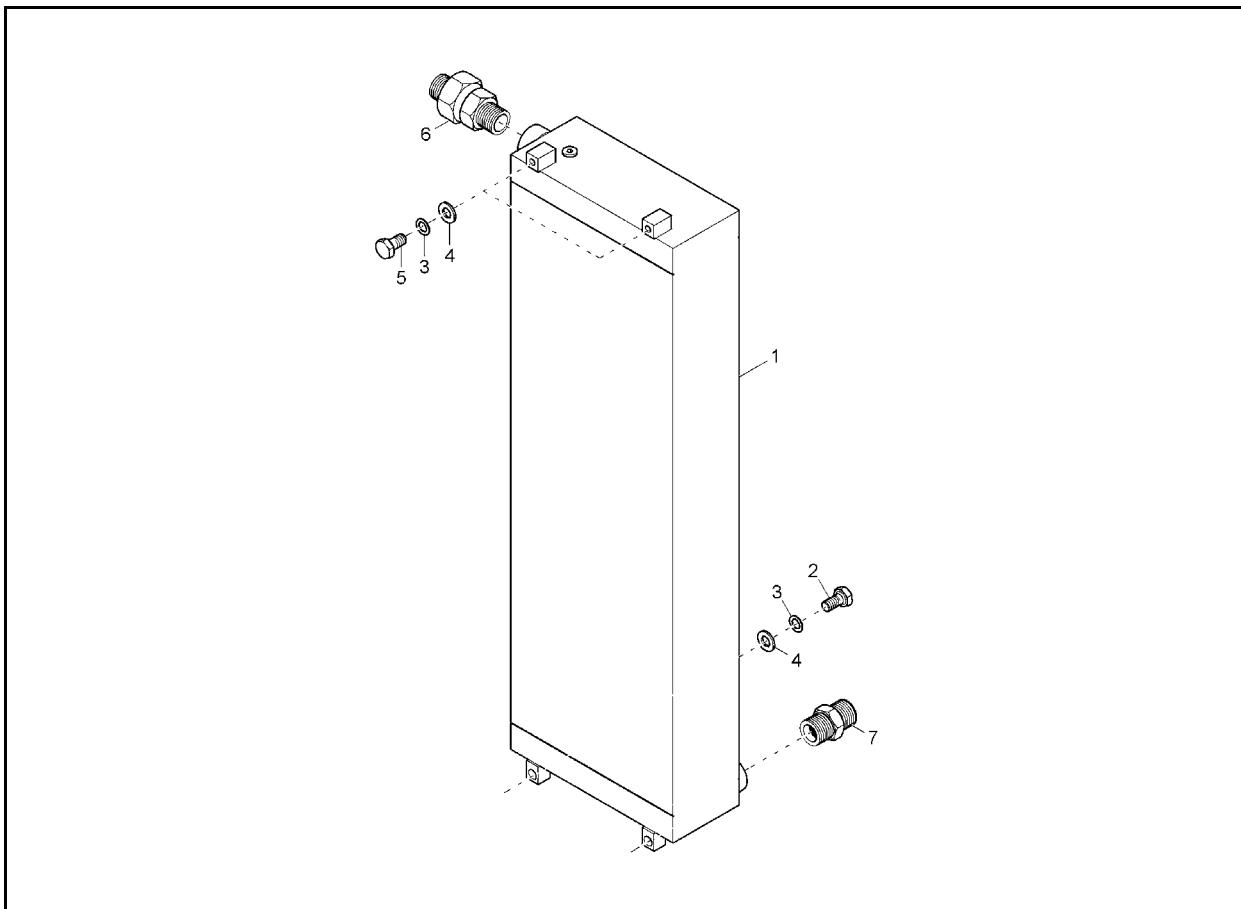
Ref.

No.	Part No.	Description	Qty.
1	208252	SWIVEL DRIVE	1
2	163356	90° FITTING	2
3	651497	SHCS M16-1.5X50 F10.9 ZY DIN912	8
4	161637	WASHER/NORD-LOCK NL 16	8
5	164945	SCREW JOINT	2
6	165966	SCREW JOINT	1
7	179820	SCREW JOINT	2
8	176933	SEAL KIT SWIVEL GEAR	1
9	179823	SCREW JOINT	1
10	161473	TEE	1

Ref.

No.	Part No.	Description	Qty.
11	208260	ANTI SWING BACK VALVE	1
12	208261	O-RING	3
13	206857	SWIVEL MOTOR	1
14	206854	TURNTABLE BRAKE KIT	1
15	179487	TIMER VALVE	1
16	206856	SHOCK VALVE	1
17	179488	ANTICAVIT. VALVE KIT	1
18	206855	SEAL KIT ROTARY MOTOR	1
19	162032	SCREW	3
20	161450	TEE	1

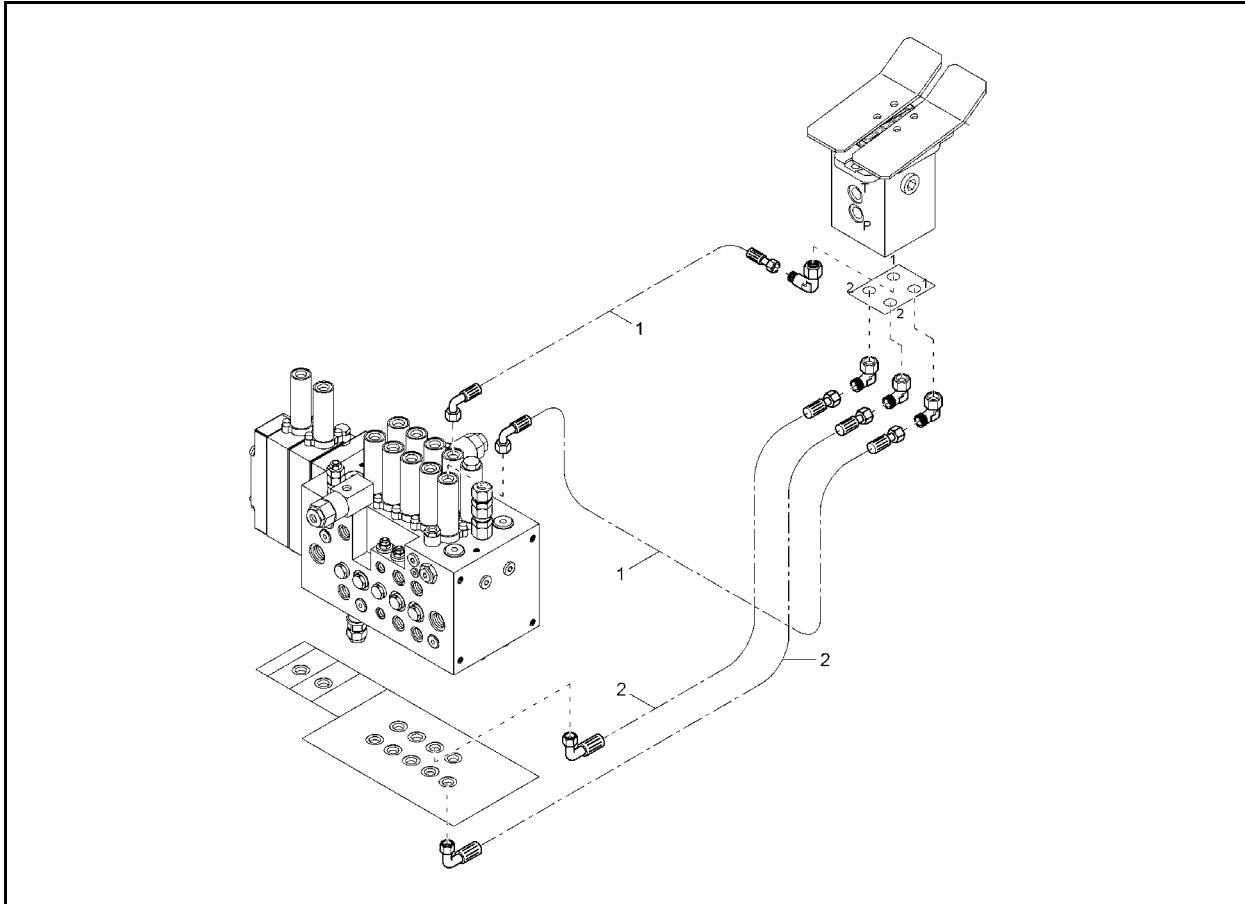
803 - OIL COOLER
1000180334 - (SN AH00611 AND UP)



Ref.			
No.	Part No.	Description	Qty.
1	203395	OIL COOLER	1
2	651399	CS M10-1.5X40 C8.8 ZY	2
3	161669	LOCKWASHER S10	4
4	161640	WASHER/GR A 10.5	4

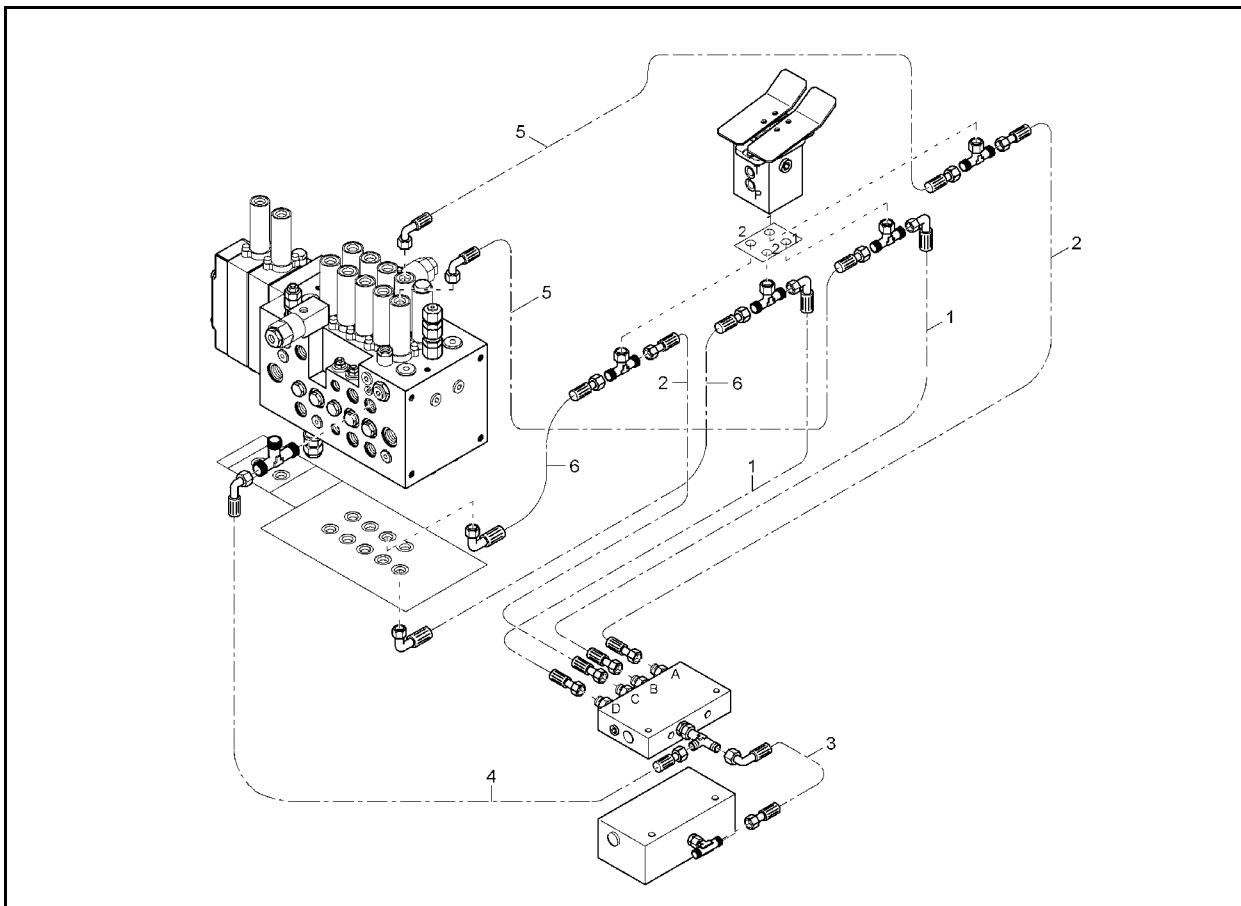
Ref.			
No.	Part No.	Description	Qty.
5	651393	CS M10-1.5X25 C8.8 ZY	2
6	178651	NON-RETURN VALVE	1
7	161433	SCREW JOINT	1

803 - PILOT CONTROL DRIVE UNIT
1000184576 - (SN AH00854 AND UP)



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 179514	HP HOSE	2	2 208297	HP HOSE	2

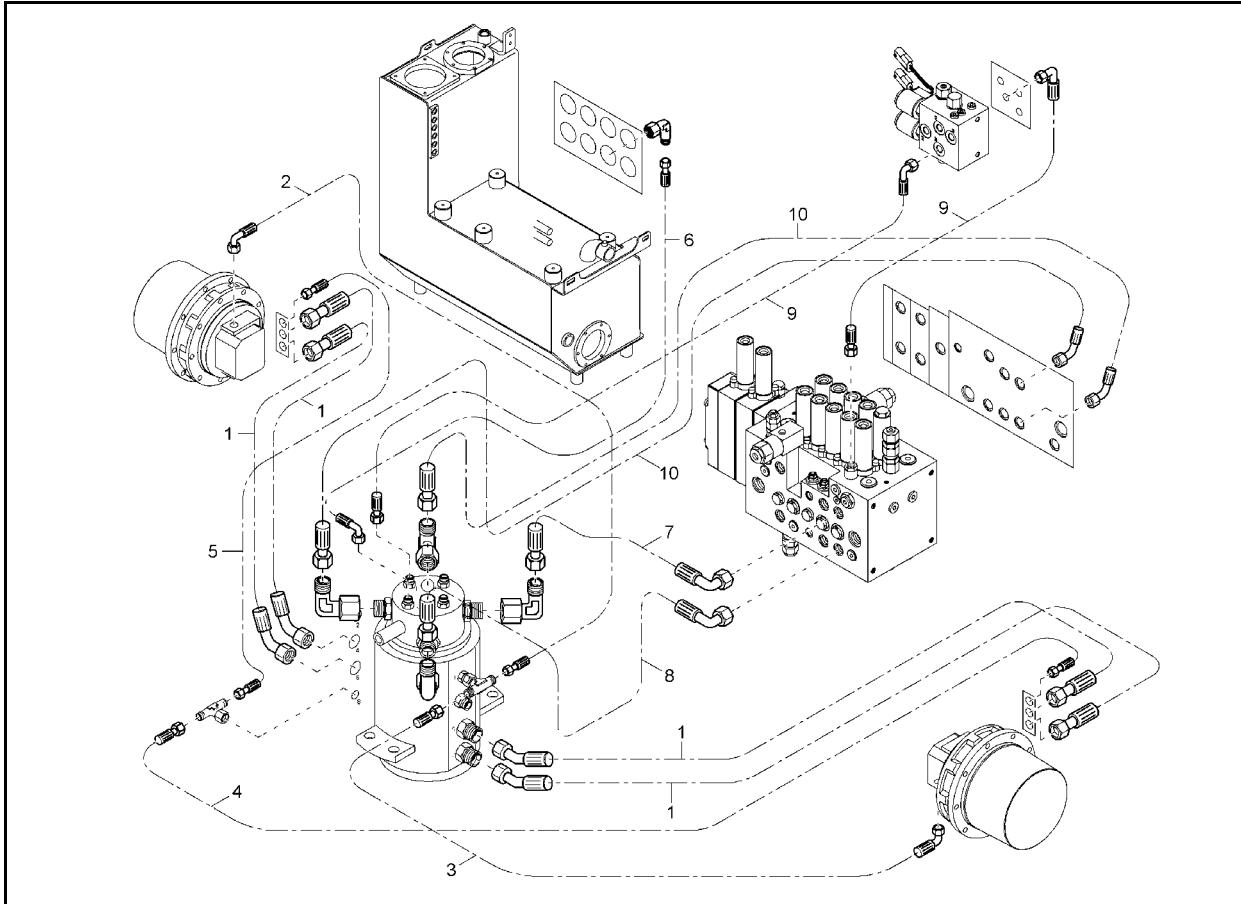
803 - PILOT CONTROL DRIVE UNIT
1000181113 - (SN AH00853 AND BEFORE)



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 162444	HP HOSE	2	4 164799	HP HOSE	1
2 179522	HP HOSE	2	5 179514	HP HOSE	2
3 164804	HP HOSE	1	6 203396	HP HOSE	2

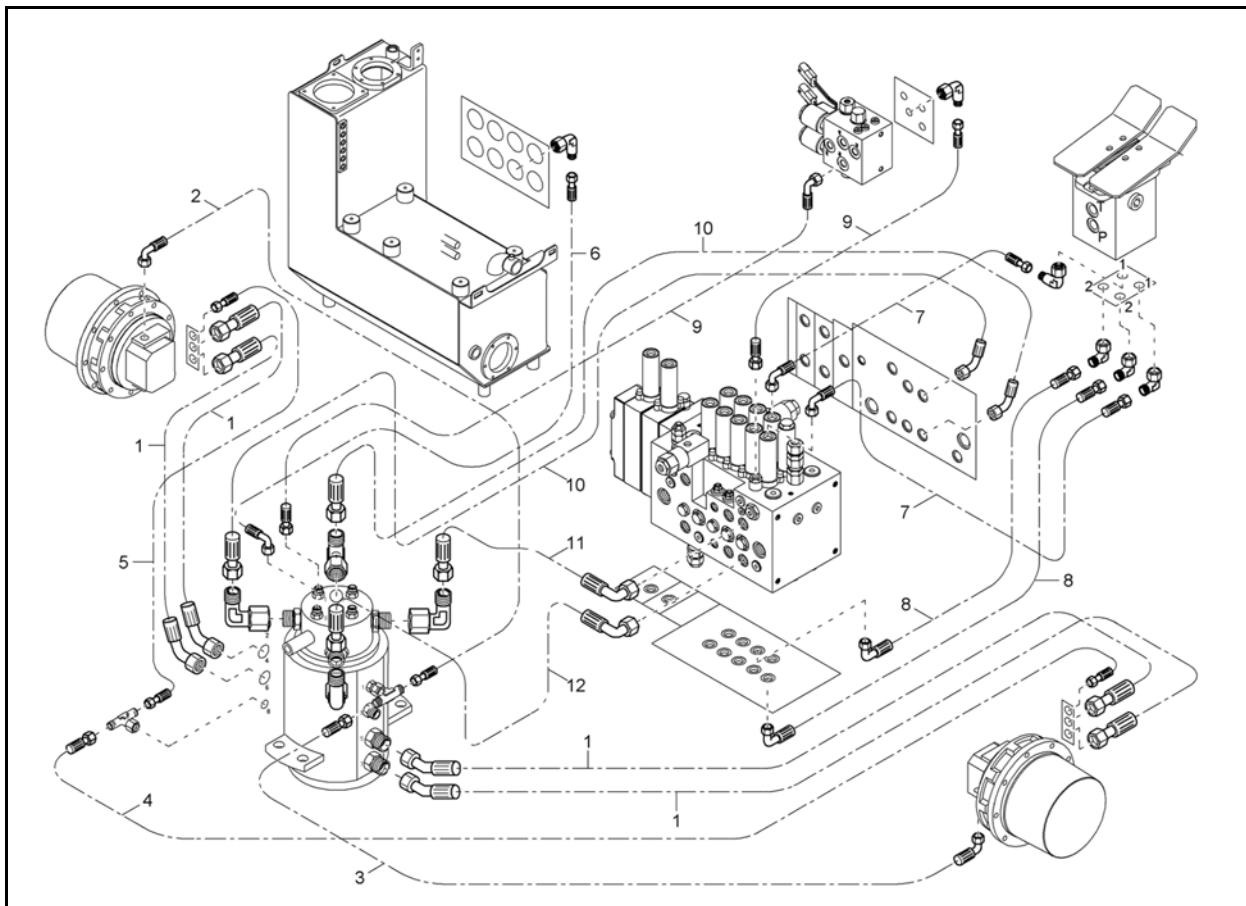
803 - DRIVE MOTOR INSTALLATION

1000180982 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177195	HP HOSE	4	6	161277	HP HOSE	1
2	163292	HP HOSE	1	7	208299	HP HOSE	1
3	161256	HP HOSE	1	8	208300	HP HOSE	1
4	163299	HP HOSE	1	9	161230	HP HOSE	2
5	163300	HP HOSE	1	10	208298	HP HOSE	2

803 - DRIVE MOTOR INSTALLATION
1000136647 - (SN AD07187 AND BEFORE)



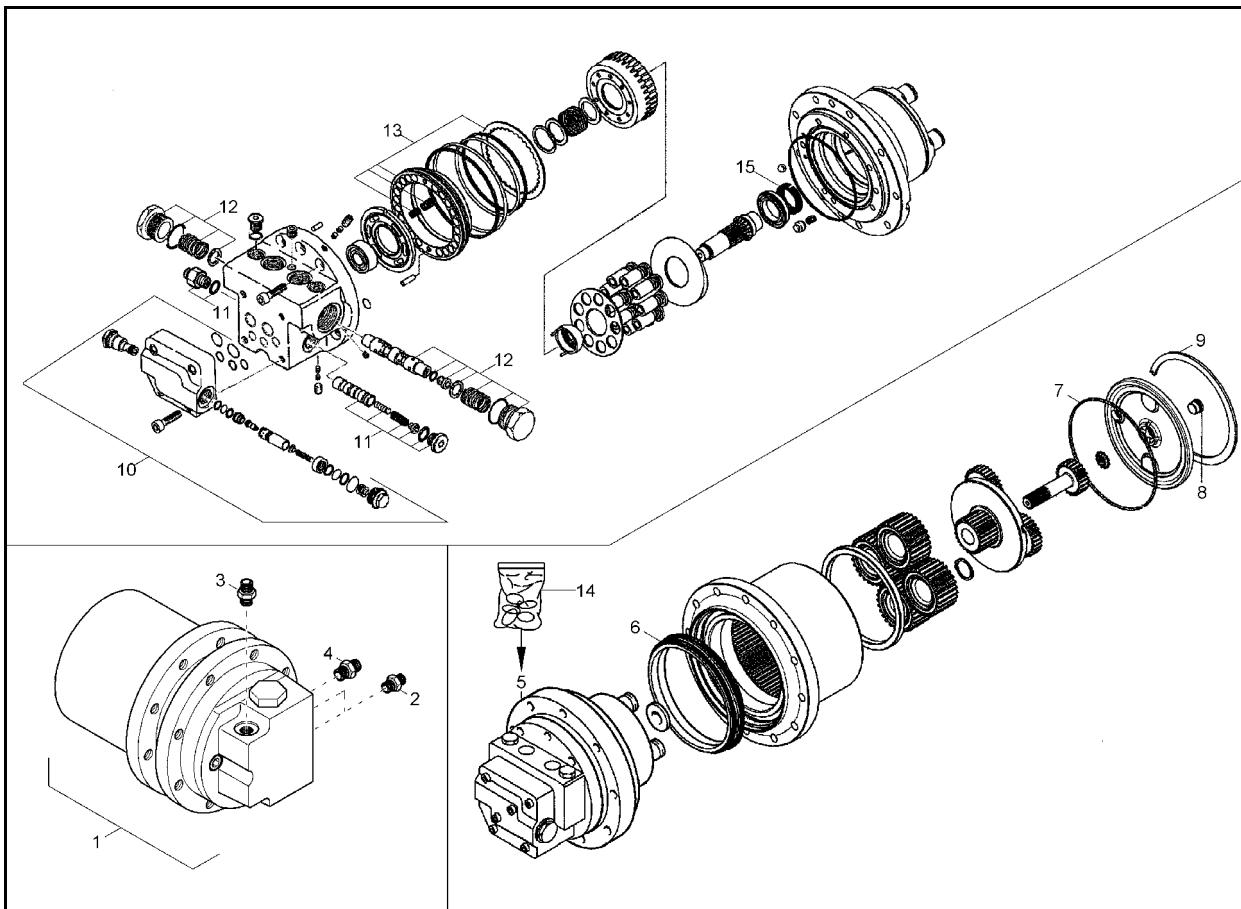
Ref.

No.	Part No.	Description	Qty.
1	177195	HP HOSE	4
2	163292	HP HOSE	1
3	161256	HP HOSE	1
4	163299	HP HOSE	1
5	163300	HP HOSE	1
6	161277	HP HOSE	1

Ref.

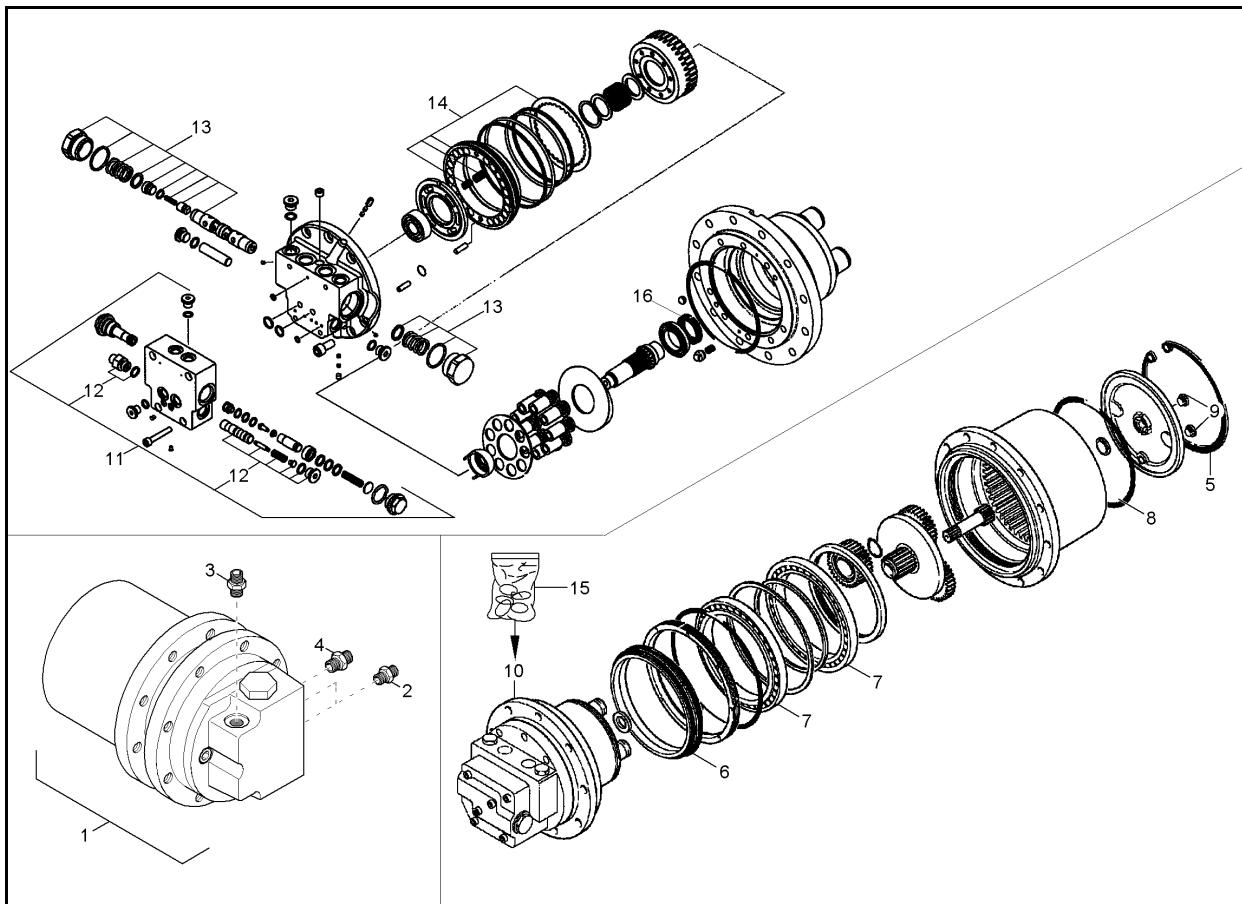
No.	Part No.	Description	Qty.
7	179514	HP HOSE	2
8	208297	HP HOSE	2
9	161230	HP HOSE	2
10	208298	HP HOSE	2
11	208299	HP HOSE	1
12	208300	HP HOSE	1

803 - DRIVE MOTOR (MAG 50)
1000180974 - (SN AD04636 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205045	DRIVE MOTOR COMPLETE - MAG 50 (Includes Ref. Nos. 2, 3 & 4)	2	8	176943	PLUG	4
2	179820	SCREW JOINT	4	9	176944	LOCK RING	2
3	164945	SCREW JOINT	2	10	205047	VALVE SET	2
4	165966	SCREW JOINT	2	11	205048	CONTROL PISTON	2
5	205004	803 DRIVE REBUILDING KIT	2	12	205083	BRAKE VALVE	2
6	176947	SEAL	2	13	205084	ENGINE BRAKE KIT	2
7	176945	O-RING	2	14	205085	SEAL KIT	2
				15	203397	SEAL RING	2

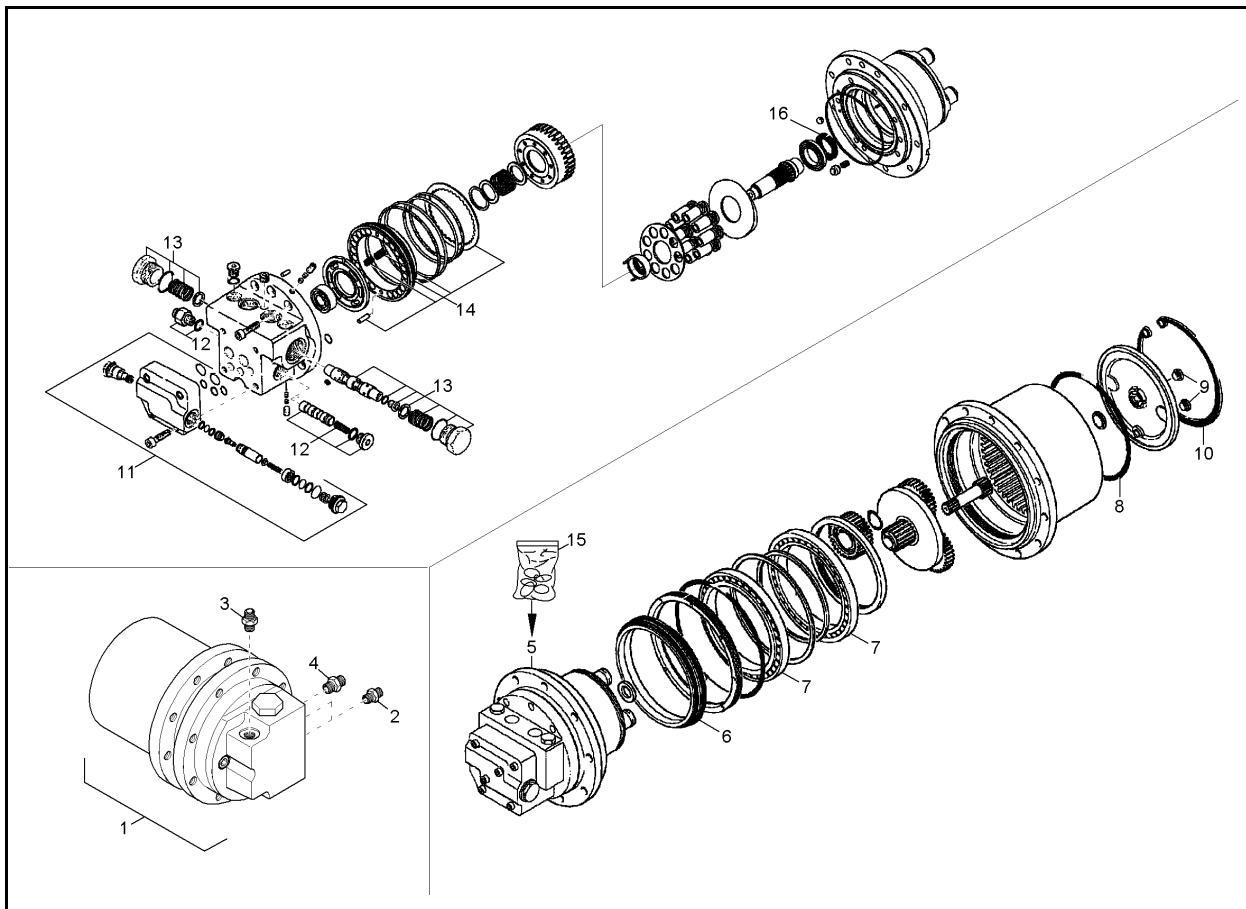
803 - DRIVE MOTOR (MAG 44)
1000139256 - (SN AC02957 - AD04635)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204984	803 MODIFICATION KIT TRACK DRIVE (Includes Ref. Nos. 2, 3 & 4)	*	9	176943	PLUG	4
2	179820	SCREW JOINT	4	10	205004	803 DRIVE REBUILDING KIT	2
3	164945	SCREW JOINT	2	11	205043	VALVE SET	2
4	165966	SCREW JOINT	2	12	205044	CONTROL PISTON	2
5	176944	LOCK RING	2	13	205096	BRAKE VALVE	2
6	176947	SEAL	2	14	205097	DRIVE BRAKE	2
7	176946	BEARING DRIVE ASSY	4	15	205079	SEAL KIT	2
8	176945	O-RING	2	16	203398	SEAL RING	2

* This kit consists of two new drive motors.

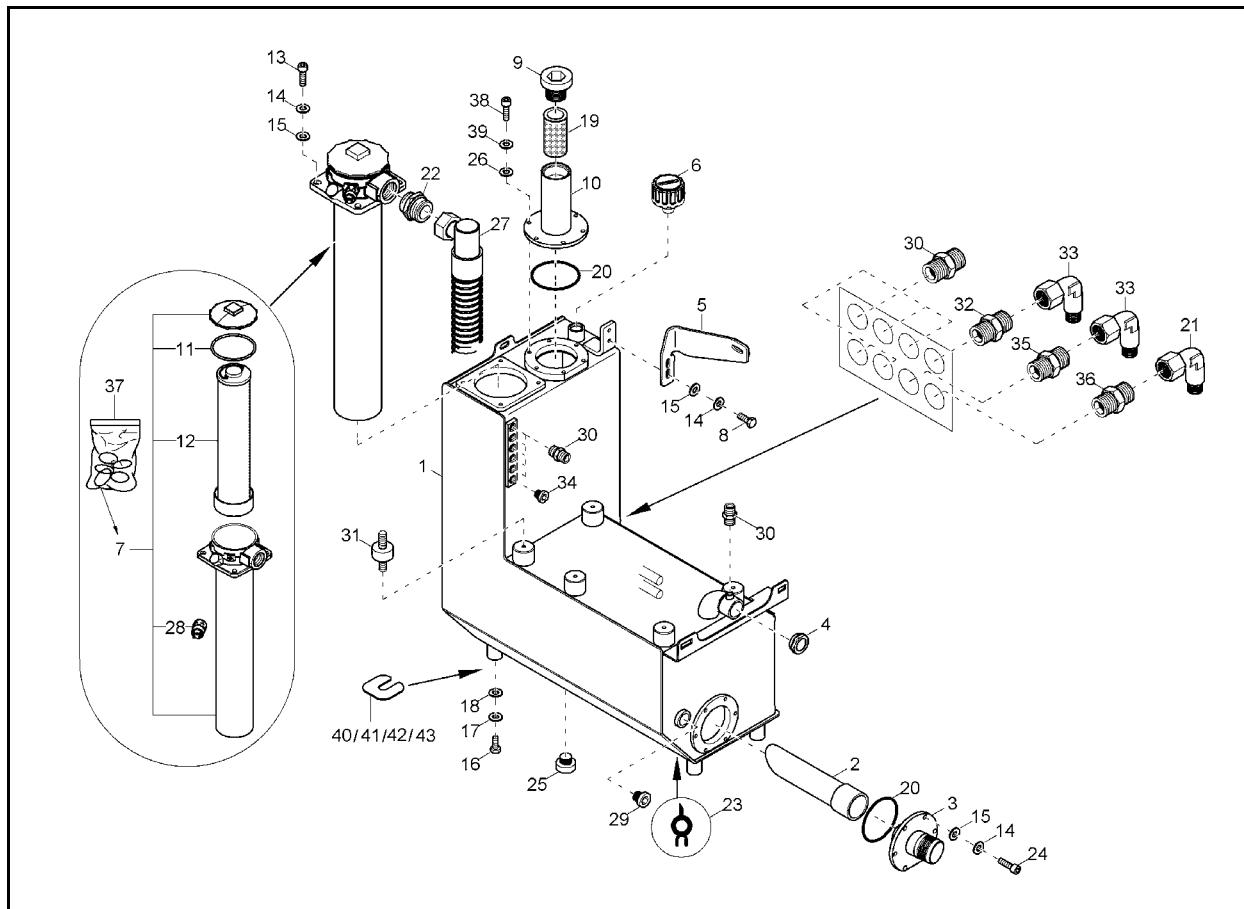
803 - DRIVE MOTOR (MAG 44)
1000132299 - (SN AC02956 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
	204984	803 MODIFICATION KIT TRACK DRIVE (Includes Ref. Nos. 2, 3 & 4)	*	9	176943	PLUG	4
2	179820	SCREW JOINT	4	10	176944	LOCK RING	2
3	164945	SCREW JOINT	2	11	205094	ANTICAVITATION VALVE	2
4	165966	SCREW JOINT	2	12	205095	CONTROL PLUNGER	2
5	205004	803 DRIVE REBUILDING KIT	2	13	205096	BRAKE VALVE	2
6	176947	SEAL	2	14	205097	DRIVE BRAKE	2
7	176946	BEARING DRIVE ASSY	4	15	161209	SEAL KIT/DRIVE MOTOR	2
8	176945	O-RING	2	16	203398	SEAL RING	2

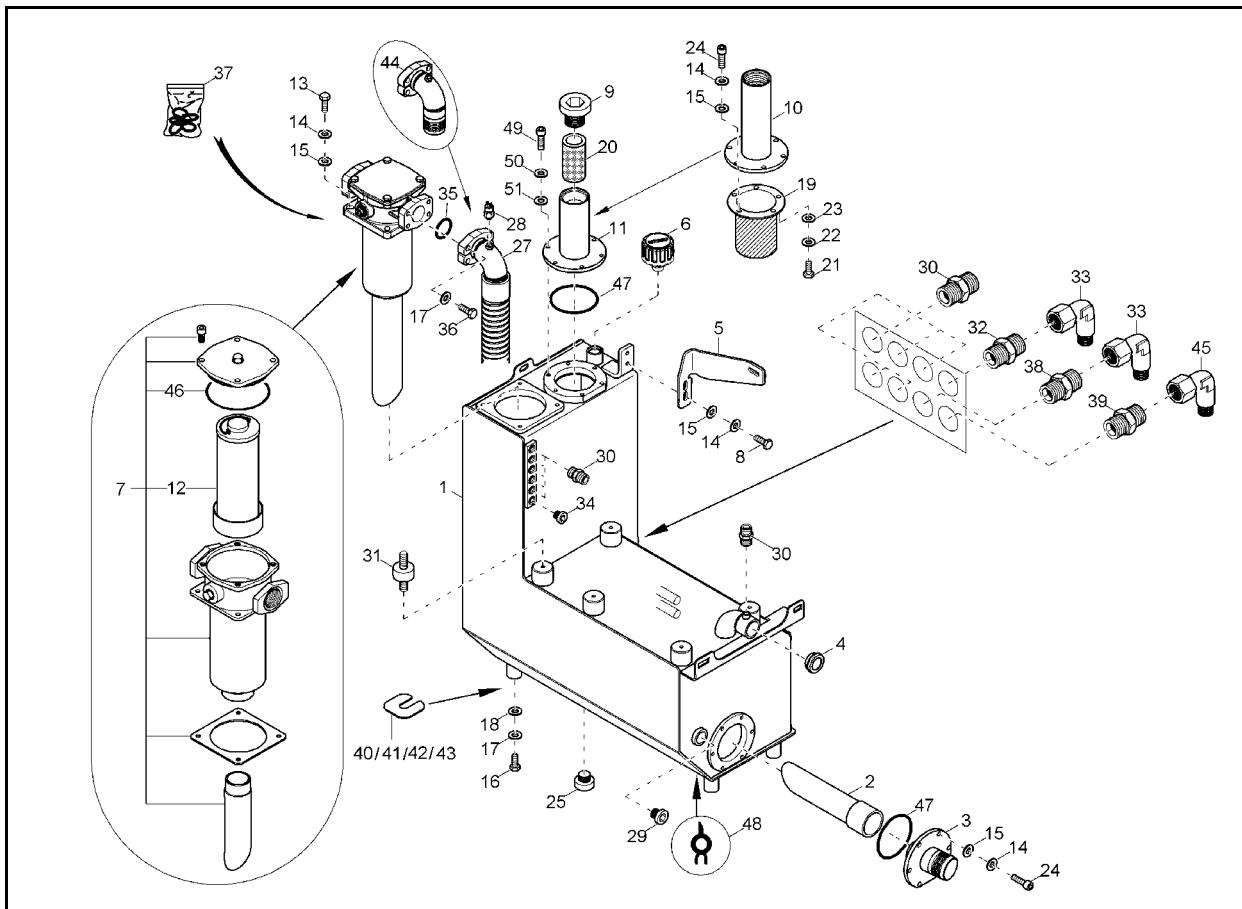
* This kit consists of two new drive motors.

803 - HYDRAULIC OIL TANK
1000180375 - (SN AH00611 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	177008	HYDRAULIC TANK	1	23	206833	RUBBER PROFILE (0.75M)	1
2	177131	SUCTION PIPE	1	24	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	6
3	177132	SUCTION FLANGE	1	25	161415	PLUG	1
4	1428450G	OIL LEVEL GLASS	1	26	163634	WASHER	6
5	177007	CARRIER	1	27	203405	RETURN HOSE	1
6	1528425G	BREATHER	1	28	202553	PRESSURE SWITCH	1
7	202502	RETURN FILTER	1	29	164925	SCREW	1
8	656090	CS M10-1.5X16 C8.8 ZY DIN931	2	30	161426	SCREW JOINT	11
9	177930	FILLER CAP	1	31	164851	RUBBER METAL BUFFER	5
10	203399	OIL TANK CAP	1	32	161429	SCREW JOINT 12L	1
11	202504	O-RING	1	33	161445	90° FITTING	2
12	202505	HYDRAULIC OIL FILTER ELEMENT	1	34	161414	SCREW	1
13	162022	SCREW	4	35	161459	SCREW JOINT	1
14	161669	LOCKWASHER S10	12	36	161463	SCREW JOINT	1
15	161640	WASHER/GR A 10.5	12	37	207894	SEAL KIT	1
16	179781	SCREW	4	38	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	6
17	163651	WASHER	4	39	163670	LOCKWASHER	6
18	161642	WASHER/GR A 13	4	40	206849	SHIM - 0.5 MM	1
19	205505	HYDRAULIC OIL ELEMENT	1	41	208224	SHIM - 1.0 MM	1
20	161573	O-RING	1	42	208225	SHIM - 2.0 MM	1
21	161446	90° FITTING	1	43	208226	SHIM - 3.0 MM	1
22	179808	SCREW JOINT	1				

803 - HYDRAULIC OIL TANK
1000132406 - (SN AD07187 AND BEFORE)



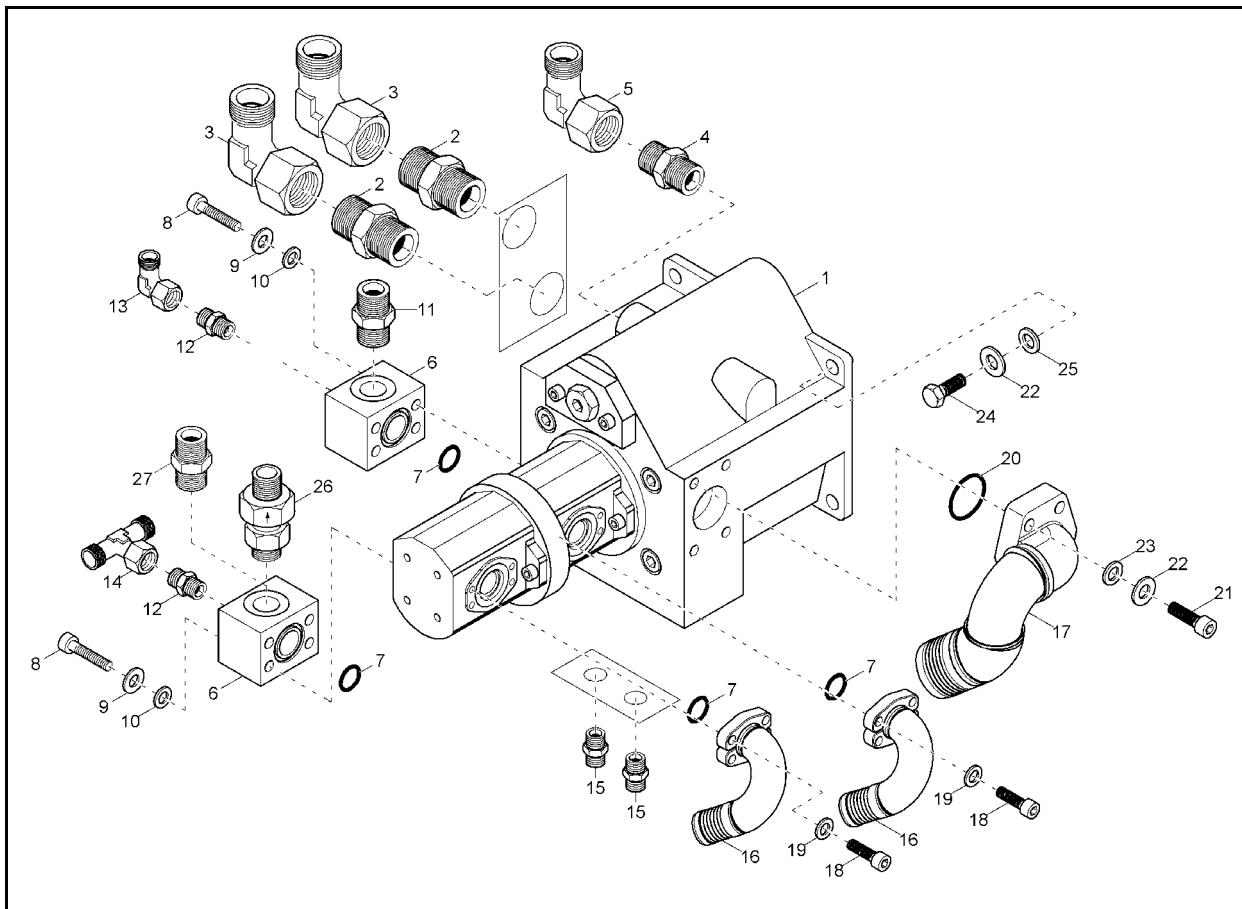
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	177008	HYDRAULIC TANK	1	18	161642	WASHER/GR A 13	4
2	177131	SUCTION PIPE	1	19	161397	HYDRAULIC OIL ELEMENT (SN AD04679 and before)	1
3	177132	SUCTION FLANGE	1	20	205505	HYDRAULIC OIL ELEMENT (SN AD04680 and up)	1
4	1428450G	OIL LEVEL GLASS	1	21	206436	HEX SCREW	6
5	177007	CARRIER	1	22	161674	LOCKWASHER S16	6
6	1528425G	BREATHER	1	23	161659	WASHER/GR A 5.3 ZO DIN125	6
7	177116	RETURN FILTER COMPLETE	1	24	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	12
8	656090	CS M10-1.5X16 C8.8 ZY DIN931	2	25	161415	PLUG	1
9	177930	FILLER CAP	1	27	208321	RETURN HOSE (SN AC03257 and up)	1
10	177141	OIL TANK CAP (SN AD04679 and before)	1	28	163001	PRESSURE SWITCH	1
11	203399	OIL TANK CAP (SN AD04680 and up)	1	29	164925	SCREW	1
12	161067	HYDRAULIC OIL FILTER ELEMENT	1	30	161426	SCREW JOINT	11
13	651395	CS M10-1.5X30 C10.9 ZY DIN931	4	31	164851	RUBBER METAL BUFFER	5
14	161669	LOCKWASHER S10	18	32	161429	SCREW JOINT 12L	1
15	161640	WASHER/GR A 10.5	18	33	161445	90° FITTING	2
16	179781	SCREW	4	34	161414	SCREW	1
17	163651	WASHER	8				

803 - HYDRAULIC OIL TANK
1000132406 - (SN AD07187 AND BEFORE)

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
	35	176995	O-RING	1		44	177124	INTAKE FLANGE	1
	36	9901225G	SCREW	4		45	161446	90° FITTING	1
	37	160996	SEAL KIT	1		46	179865	O-RING	1
	38	161459	SCREW JOINT	1		47	161573	O-RING	2
	39	161463	SCREW JOINT	1		48	206833	RUBBER PROFILE (0.75M)	1
	40	206849	SHIM - 0.5 MM	1		49	651515	SHCS M8-1.25X20 C8.8 ZY DIN912	6
	41	208224	SHIM - 1.0 MM	1		50	163670	LOCKWASHER	6
	42	208225	SHIM - 2.0 MM	2		51	163634	WASHER	6
	43	208226	SHIM - 3.0 MM	1					

803 - HYDRAULIC PUMP

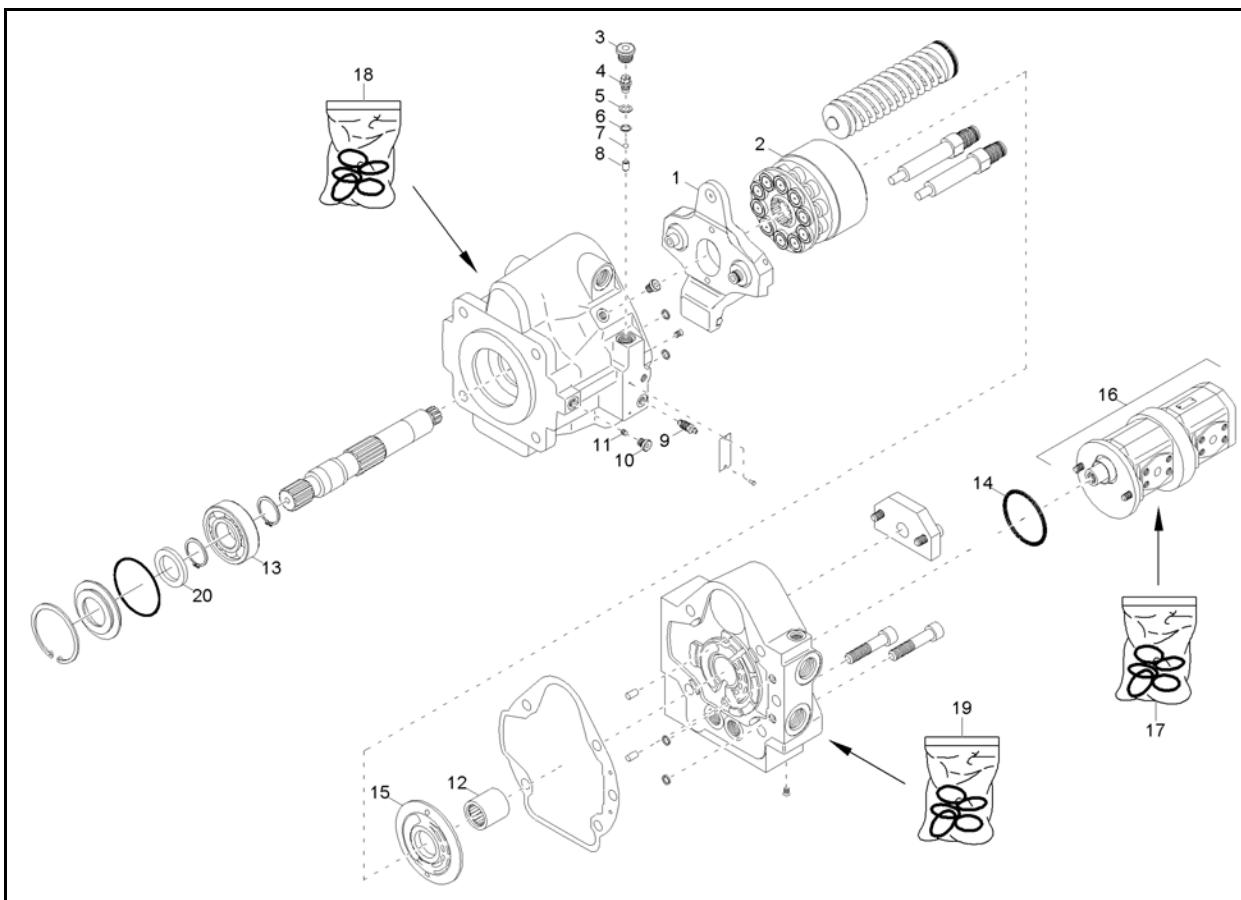
1000181121



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208343	HYDRAULIC PUMP	1	15	164945	SCREW JOINT	2
2	179825	SCREW JOINT	2	16	208347	SUCTION FLANGE	2
3	163361	90° FITTING	2	17	177128	INTAKE FLANGE	1
4	165965	SCREW JOINT	1	18	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	8
5	161446	90° FITTING	1	19	161669	LOCKWASHER S10	8
6	208345	FLANGE	2	20	176990	O-RING	1
7	208346	O-RING	4	21	177211	SHCS	4
8	179760	SCREW	8	22	163651	WASHER	8
9	163670	LOCKWASHER	8	23	177454	SPACER	4
10	163634	WASHER	8	24	651408	CS M12-1.75X40 C10.9 ZY DIN931	4
11	163358	SCREW JOINT	1	25	161642	WASHER/GR A 13	4
12	161426	SCREW JOINT	2	26	207442	NON RETURN VALVE (SN AC03076 and up)	1
13	161443	90° FITTING	1	27	163358	SCREW JOINT (SN AC03075 and before)	1
14	161450	TEE	1				

803 - HYDRAULIC PUMP COMPONENTS

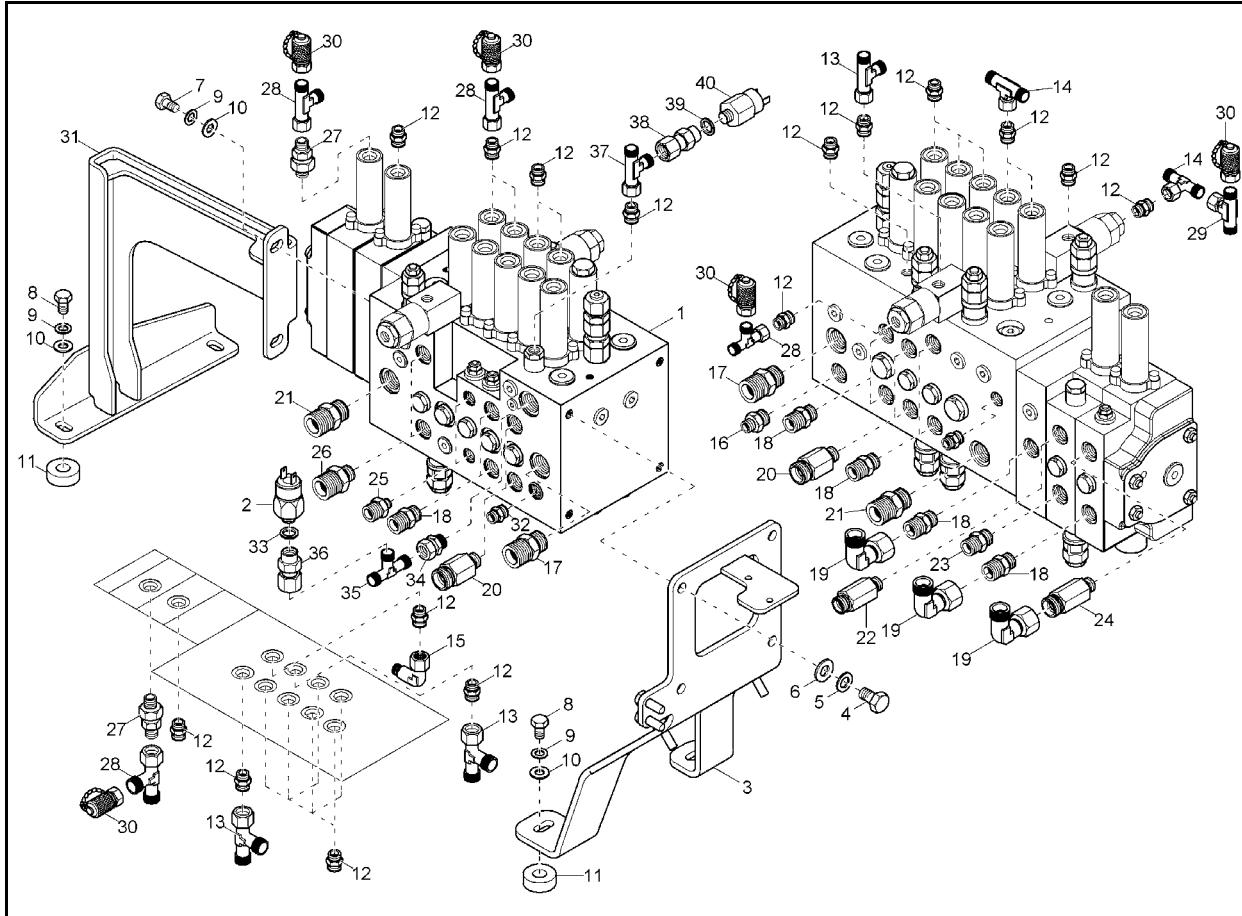
1000136614



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	176962	SWIVEL BALANCE	1	11	176952	NOZZLE	1
2	176961	DRIVE UNIT	1	12	176948	BEARING	1
3	176960	PLUG	1	13	176951	BALL BEARING	1
4	176959	PLUG	1	14	208282	O-RING	1
5	176958	SPACER	1	15	176949	PLATE CAME	1
6	176957	SEALING RING	1	16	208283	GEAR PUMP	1
7	176956	BALL	1	17	208284	SEAL KIT - GEAR PUMP	1
8	176955	SLEEVE	1	18	208285	SEAL KIT - GEAR PUMP	1
9	176954	VENTING VALVE	1	19	208286	SEAL KIT	1
10	176953	PLUG	1	20	205087	OIL SEAL	1

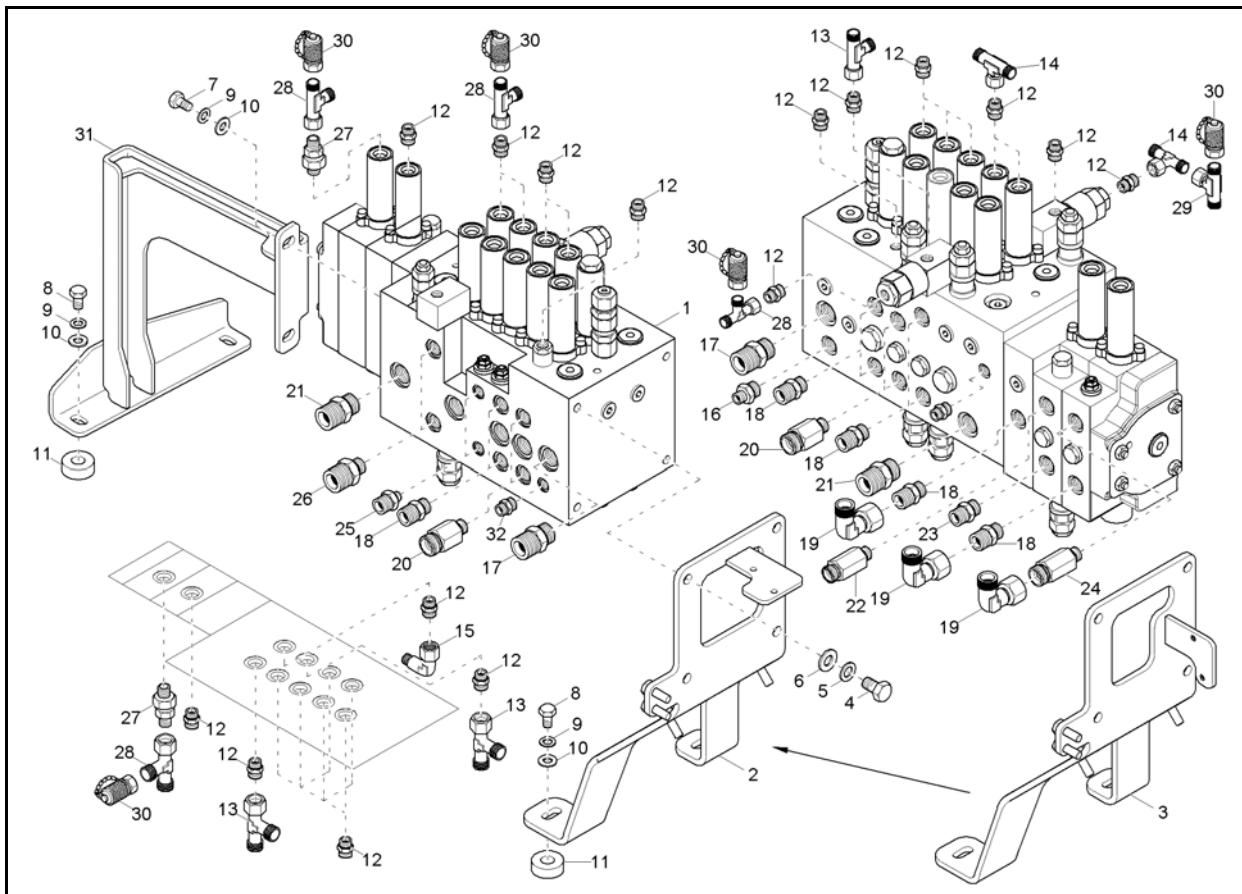
803 - CONTROL VALVE FITTINGS

1000180406 - (SN AH00611 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208302	VALVE BLOCK	1	22	208307	SCREW CONNECTION	1
2	202511	PRESSURE SWITCH - AUTO-IDLE	1	23	208308	SCREW JOINT	1
3	205110	BRACKET	1	24	208309	SCREW CONNECTION	1
4	179757	SCREW	4	25	179829	SCREW JOINT	2
5	163651	WASHER	4	26	177050	SCREW JOINT	2
6	161645	WASHER/GR A 13 DIN7349	4	27	208310	NON RETURN VALVE	2
7	656008	CS M10-1.5X30 C8.8 ZY DIN931	2	28	161448	TEE	5
8	651397	CS M10-1.5X35 C8.8 ZY	4	29	161450	TEE	1
9	161669	LOCKWASHER S10	6	30	0003638466	TEST CONNECTION 8 L A3C	6
10	163642	WASHER	6	31	208304	ANGLE BRACKET	1
11	178967	CORK WASHER	4	32	165970	SCREW JOINT	1
12	164945	SCREW JOINT	27	33	178067	SEALING RING	1
13	161448	TEE	3	34	165973	SCREW JOINT	1
14	161450	TEE	2	35	161474	VALVE	1
15	161443	90° FITTING	1	36	203403	SCREW JOINT	1
16	208305	SCREW JOINT	1	37	161448	TEE (SN AH00854 and up)	1
17	179825	SCREW JOINT	2	38	203403	SCREW JOINT (SN AH00854 and up)	1
18	179820	SCREW JOINT	8	39	178067	SEALING RING (SN AH00854 and up)	1
19	163356	90° FITTING	3	40	203400	PRESSURE SWITCH - AUTO-IDLE (SN AH00854 and up)	1
20	208306	SCREW CONNECTION	4				
21	179819	SCREW JOINT	2				

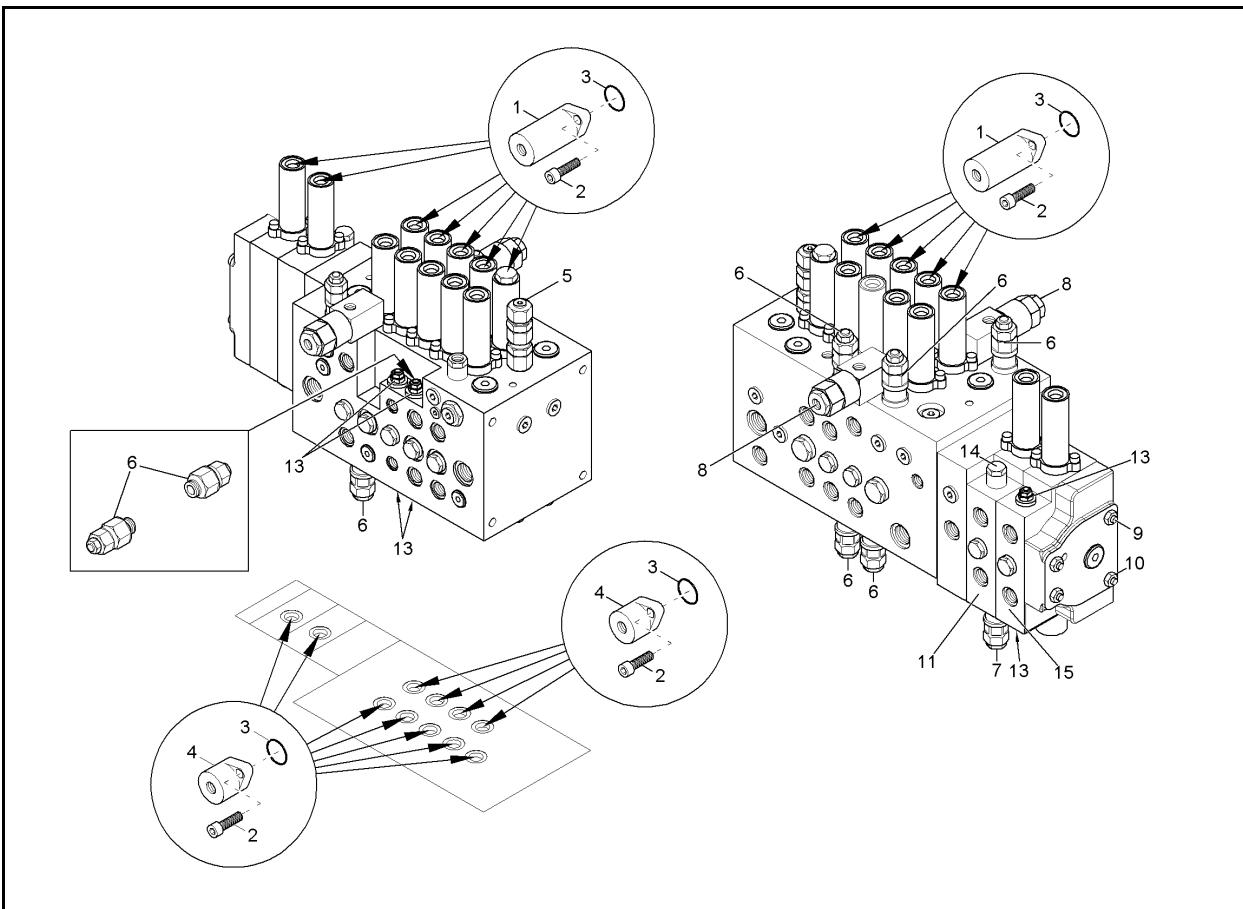
803 - CONTROL VALVE FITTINGS
1000136740 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208302	VALVE BLOCK	1	17	179825	SCREW JOINT	2
2	208303	BRACKET (SN AD04602 and before)	1	18	179820	SCREW JOINT	8
3	205110	BRACKET (SN AD04603 and up)	1	19	163356	90° FITTING	3
4	179757	SCREW	4	20	208306	SCREW CONNECTION	4
5	163651	WASHER	4	21	179819	SCREW JOINT	2
6	161645	WASHER/GR A 13 DIN7349	4	22	208307	SCREW CONNECTION	1
7	656008	CS M10-1.5X30 C8.8 ZY DIN931	2	23	208308	SCREW JOINT	1
8	651397	CS M10-1.5X35 C8.8 ZY	4	24	208309	SCREW CONNECTION	1
9	161669	LOCKWASHER S10	6	25	179829	SCREW JOINT	2
10	163642	WASHER	6	26	177050	SCREW JOINT	2
11	178967	CORK WASHER	4	27	208310	NON RETURN VALVE	2
12	164945	SCREW JOINT	27	28	161448	TEE (SN AC03745 and up)	5
13	161448	TEE	3	29	161450	TEE (SN AC03745 and up)	1
14	161450	TEE	2	30	0003638466	TEST CONNECTION 8 L A3C	6
15	161443	90° FITTING	1	31	208304	ANGLE BRACKET	1
16	208305	SCREW JOINT	1	32	165970	SCREW JOINT	1

803 - CONTROL VALVE ASSEMBLY

1000137224



Ref.

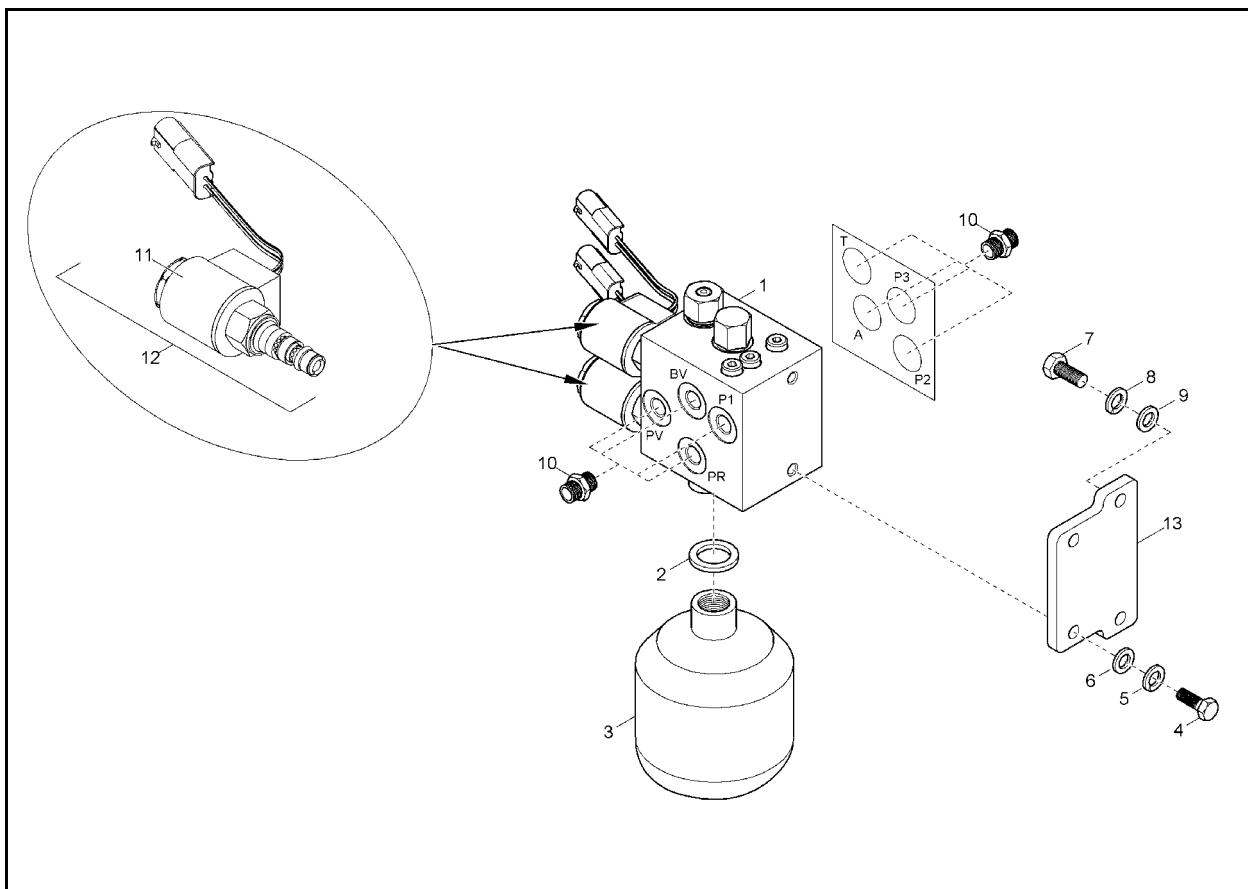
No.	Part No.	Description	Qty.
1	208367	VALVE CAP	12
2	208368	SCREW	48
3	208369	O-RING	24
4	208370	VALVE CAP	12
5	208371	SHOCK VALVE	1
6	163104	PRESSURE LIMITING VALVE	8
7	208372	SHOCK VALVE	1

Ref.

No.	Part No.	Description	Qty.
8	208373	LOADKEEPING VALVE	2
9	208374	TIE ROD	4
10	208375	HEXAGON NUT	4
11	205116	SEGMENT	2
13	205117	SHUT OFF VALVE	6
14	165543	NON RETURN VALVE	1
15	203401	ROTARY SEGMENT	1

803 - PILOT OIL SUPPLY UNIT

1000181122



Ref.

No. Part No.

Description

Qty.

1	165045	PILOT OIL SUPPLY UNIT	1
2	161567	SEAL	1
3	160437	ACCUMULATOR	1
4	177648	HEX SCREW	2
5	163670	LOCKWASHER	2
6	163634	WASHER	2
7	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
8	161669	LOCKWASHER S10	2

Ref.

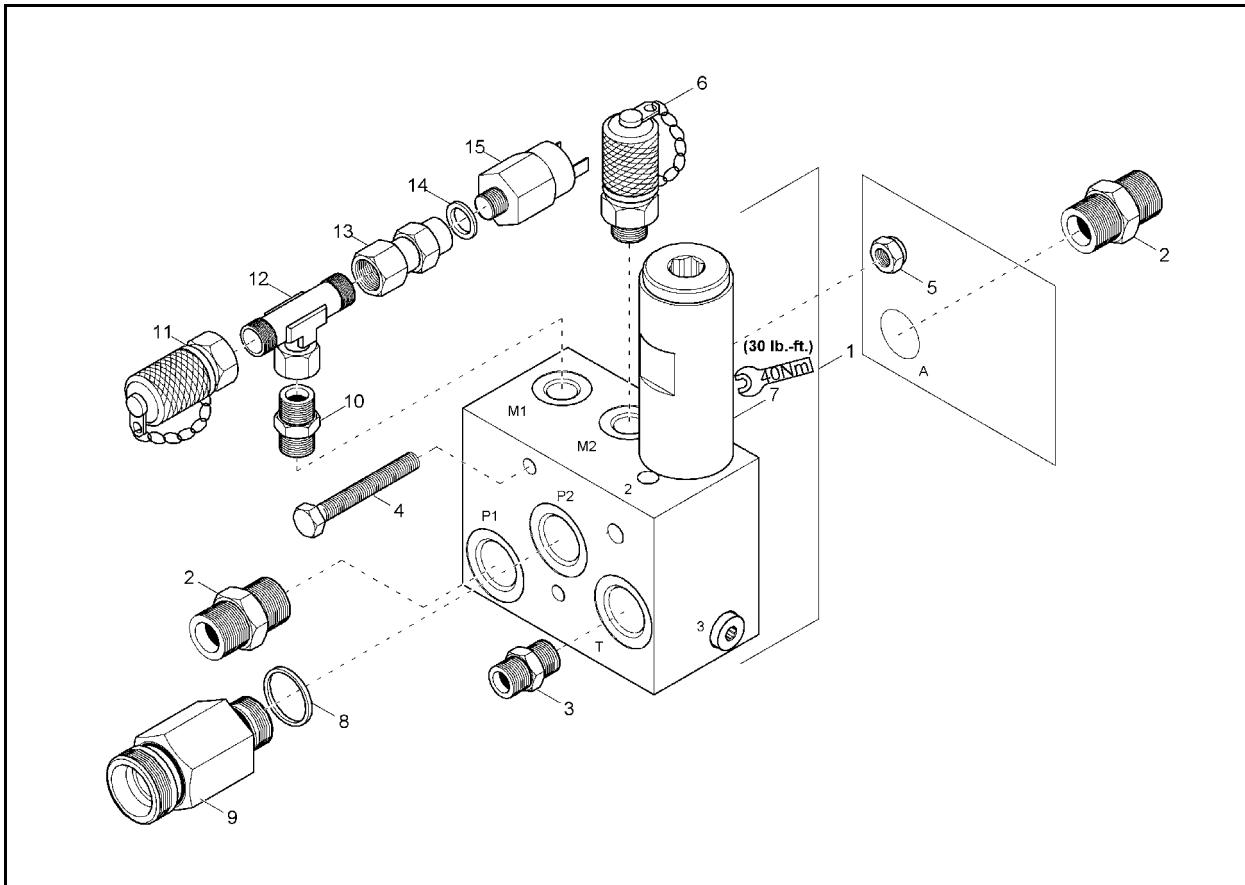
No. Part No.

Description

Qty.

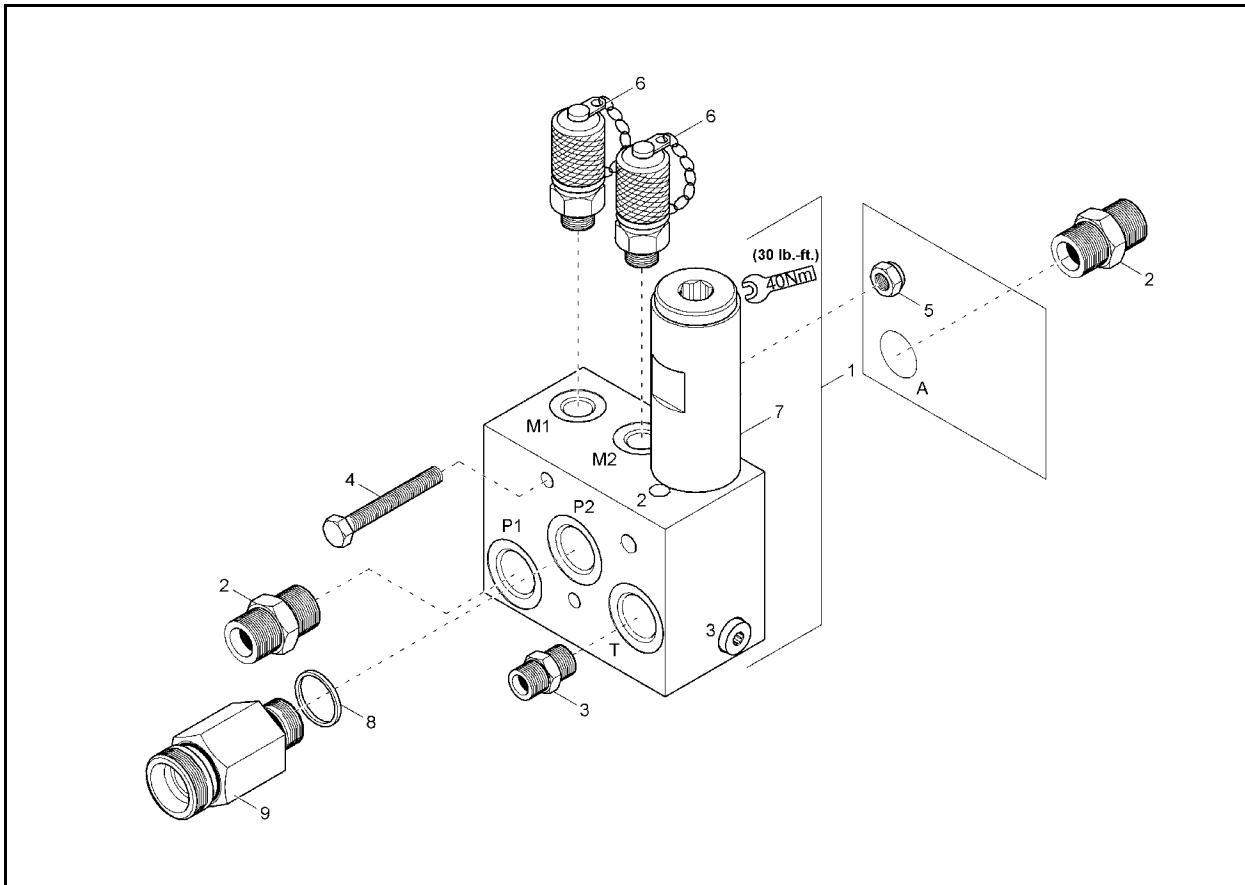
9	161640	WASHER/GR A 10.5	2
10	161426	SCREW JOINT	8
11	177412	SOLENOID PIVOT VALVE	2
12	165043	SOLENOID SWITCH	2
13	206866	PLATE (SN AC03119 and up)	1
	162790	PLATE (SN AC03118 and before)	1

803 - CUT-OFF VALVE
1000184577 - (SN AH00854 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203402	VALVE BLOCK (Includes Ref. No. 7)	1	8	179076	SEAL RING	1
2	161483	SCREW JOINT	2	9	208306	SCREW CONNECTION	1
3	161431	SCREW JOINT	1	10	161426	SCREW JOINT	1
4	7234677056	HEX SCREW M6X70-8.8 A2C	2	11	0003638466	TEST CONNECTION 8 L A3C	1
5	651457	LN INS M6-1 C8 ZY DIN6924	2	12	161450	TEE	1
6	204847	TEST PORT	1	13	203403	SCREW JOINT	1
7	205109	ADJUSTING CARTRIDGE	1	14	178067	SEALING RING	1
				15	203400	PRESSURE SWITCH - AUTO-IDLE	1

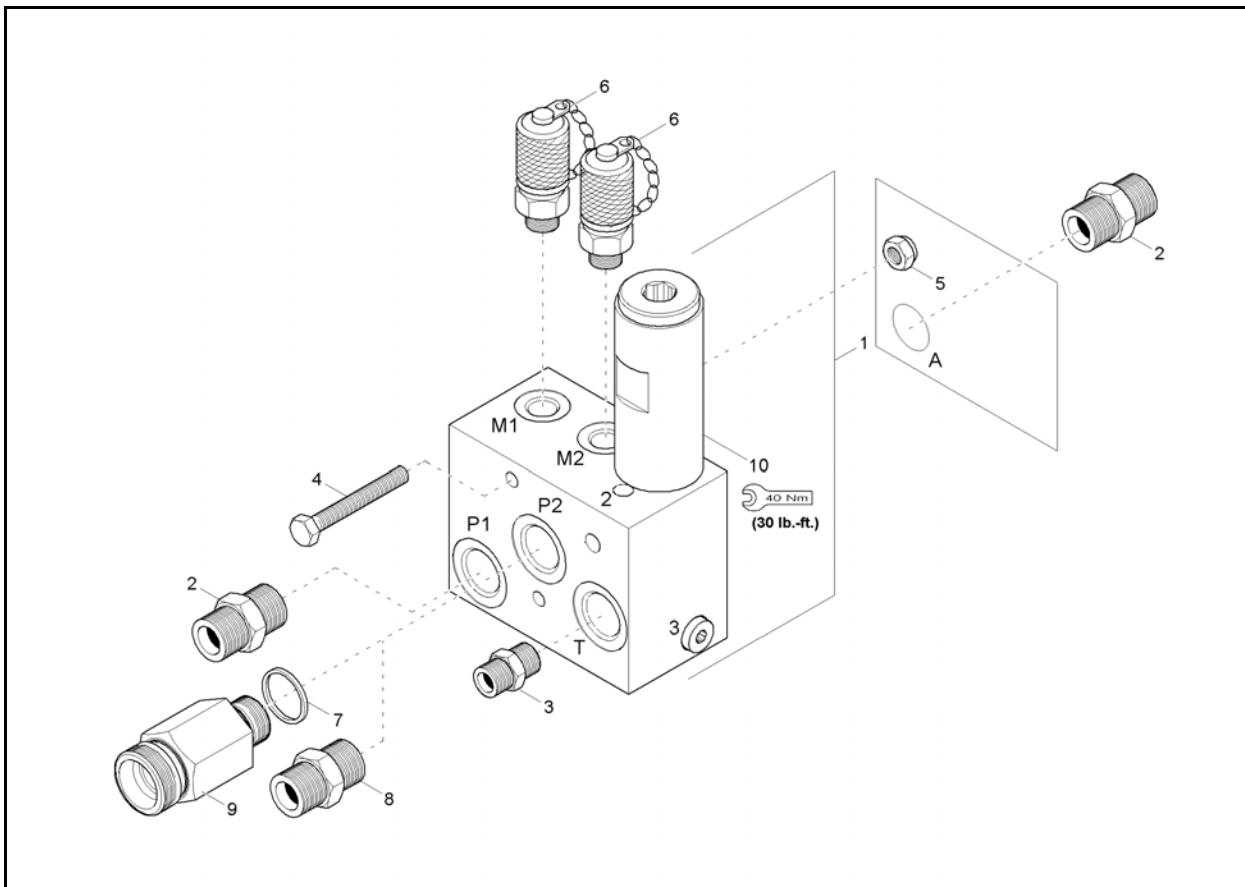
803 - CUT-OFF VALVE
1000181111 - (SN AH00611 - AH00853)



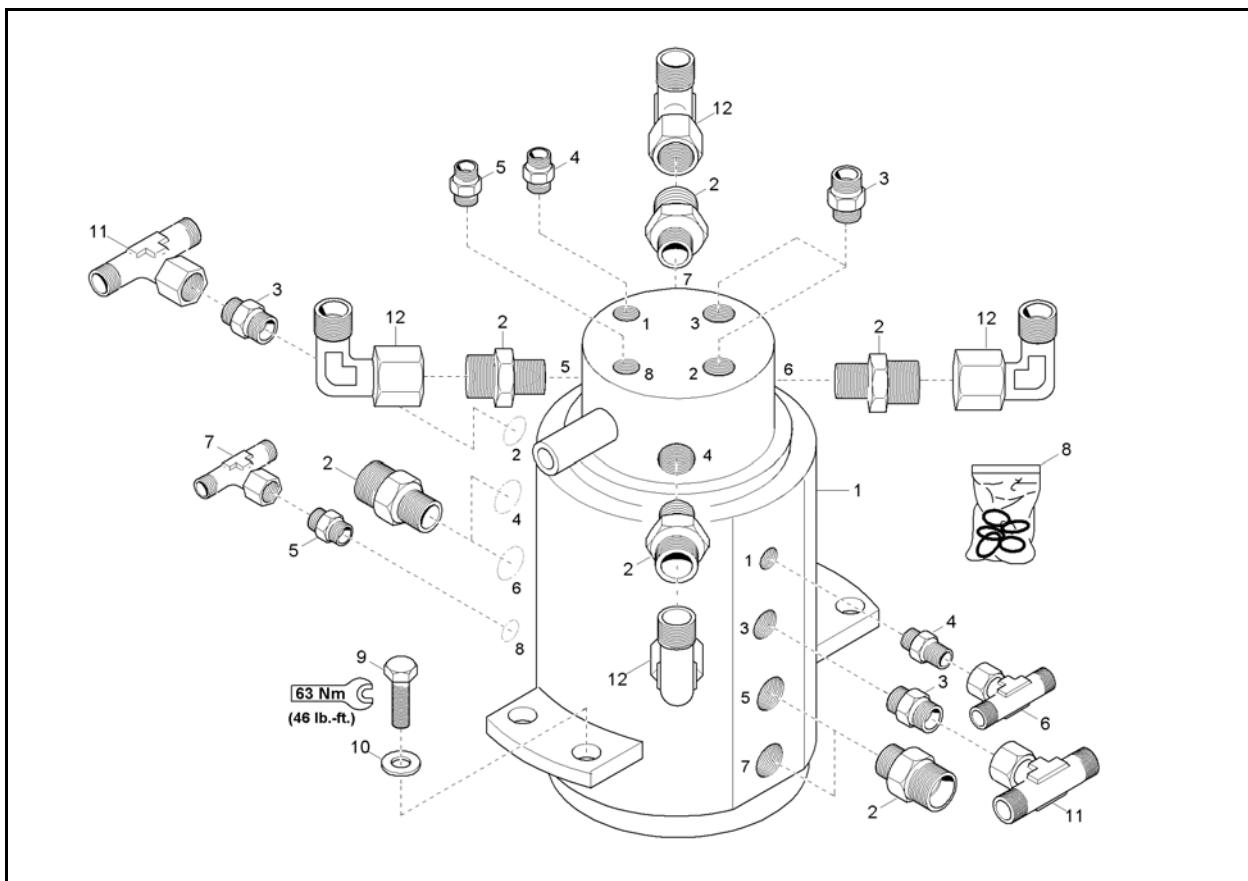
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203402	VALVE BLOCK (Includes Ref. No. 7)	1	5	651457	LN INS M6-1 C8 ZY DIN6924	2
2	161483	SCREW JOINT	2	6	204847	TEST PORT	2
3	161431	SCREW JOINT	1	7	205109	ADJUSTING CARTRIDGE	1
4	7234677056	HEX SCREW M6X70-8.8 A2C	2	8	179076	SEAL RING	1
				9	208306	SCREW CONNECTION	1

803 - CUT-OFF VALVE

1000136738 - (SN AD07187 AND BEFORE)



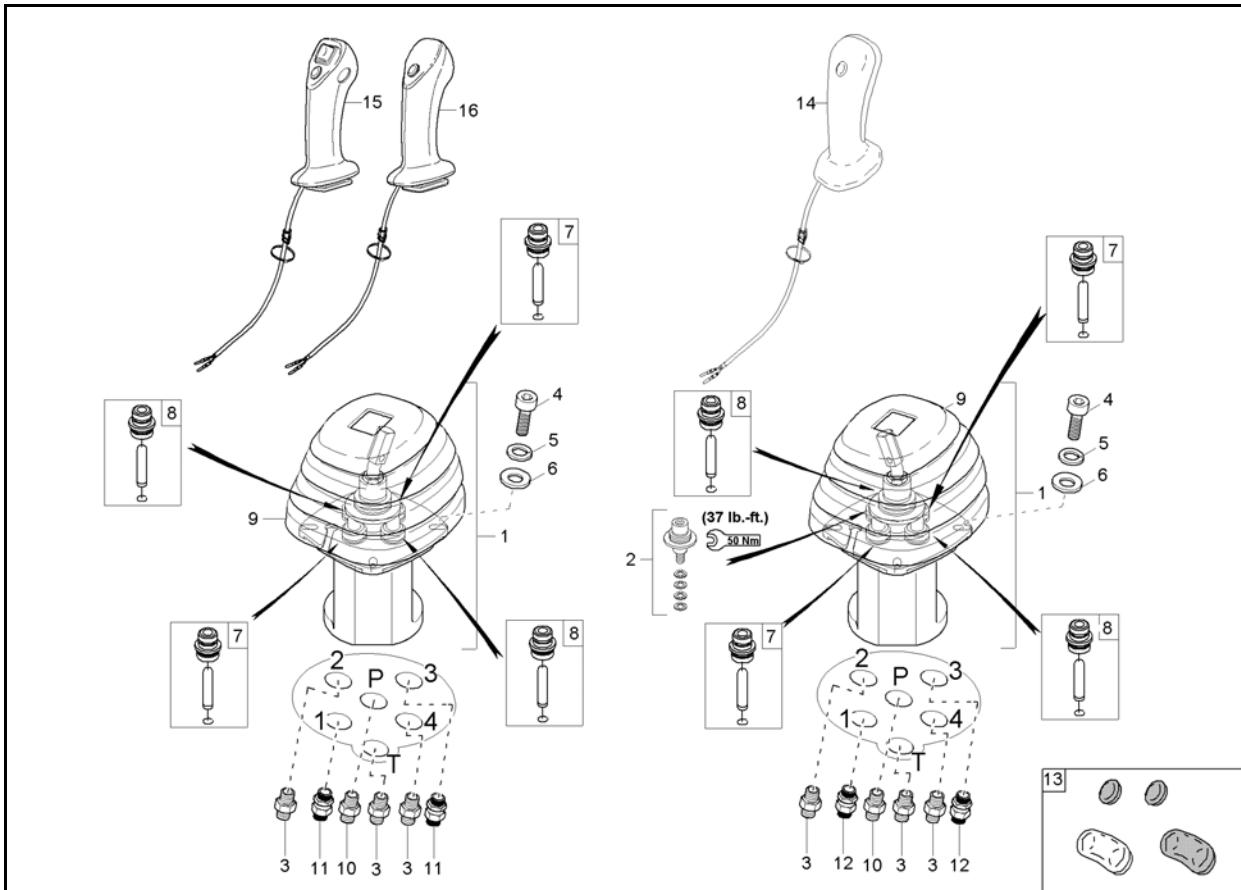
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203402	VALVE BLOCK (Includes Ref. No. 10)	1	7	161483	SCREW JOINT (SN AC03726 and before)	1
2	161483	SCREW JOINT	2	8	179076	SEAL RING (SN AC03727 and up)	1
3	161431	SCREW JOINT	1	9	208306	SCREW CONNECTION (SN AC03727 and up)	1
4	7234677056	HEX SCREW M6X70-8.8 A2C	2	10	205109	ADJUSTING CARTRIDGE	1
5	651457	LN INS M6-1 C8 ZY DIN6924	2				
6	204847	TEST PORT	2				



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	179492	SWIVEL JOINT II	1	7	163115	TEE	1
2	163358	SCREW JOINT	8	8	179493	SEAL KIT	1
3	163357	SCREW JOINT	4	9	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
4	161426	SCREW JOINT	2	10	163641	WASHER	4
5	161459	SCREW JOINT	2	11	163355	TEE	2
6	161450	TEE	1	12	163356	90° FITTING	4

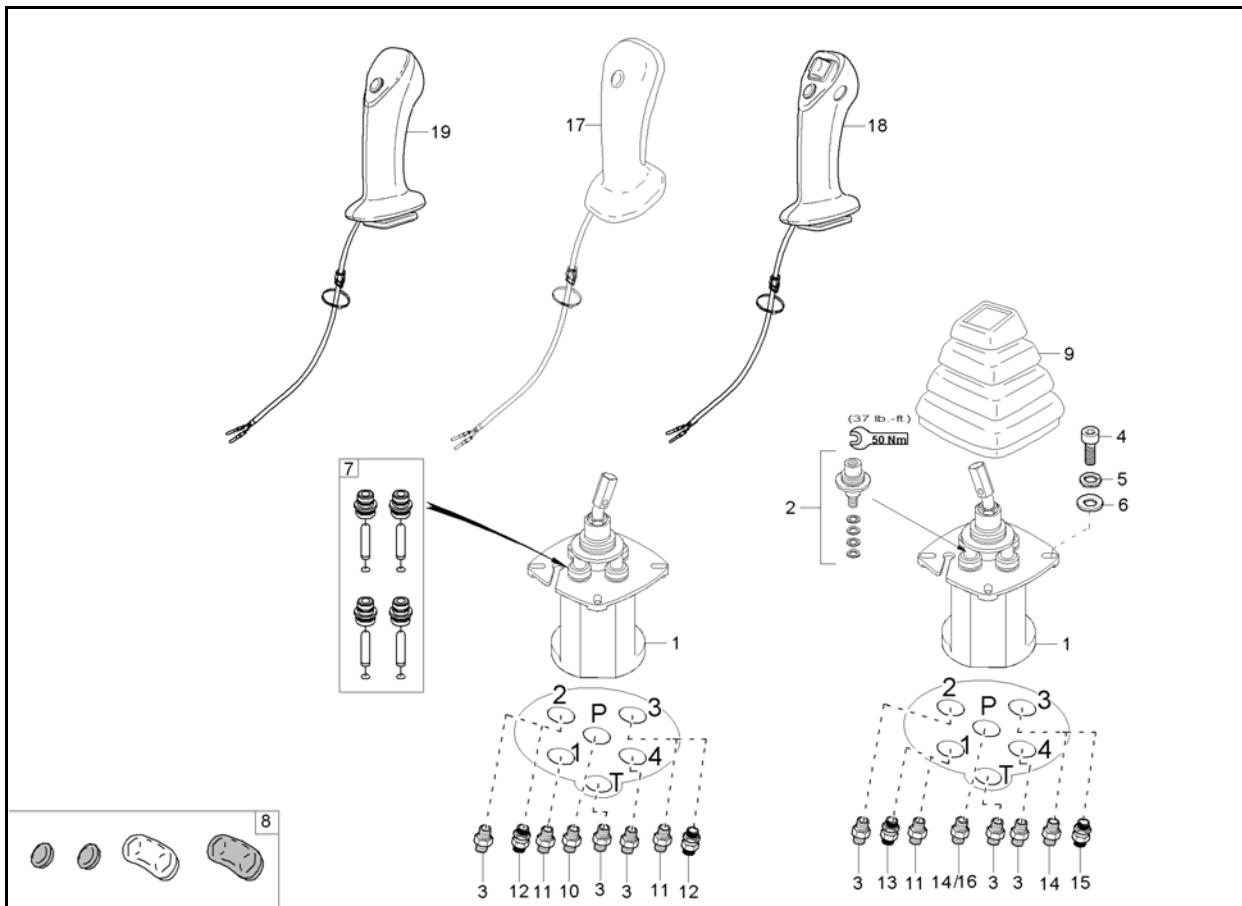
803 - JOYSTICKS

1000161746 - (SN AD05132 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205869	VALVE	2	9	206002	BELLOW	2
2	165037	UNIVERSAL JOINT	2	10	164535	PILOT CONTROL RESTRICTOR	2
3	161426	SCREW JOINT	6	11	206691	RESTRICTOR	2
4	651507	SHCS M6-1X20 C8.8 ZY DIN912	8	12	179850	RESTRICTOR	2
5	161675	LOCKWASHER S6	8	13	177652	RUBBER CAP	2
6	161660	WASHER GR A6.4 ZO DIN 125	8	14	165039	JOYSTICK	1
7	205999	PLUNGER KIT	4	15	201832	KIT/JOYSTICK/PROPORTIONAL	1
8	205998	PLUNGER KIT	4	16	201830	KIT/JOYSTICK RT	1

803 - JOYSTICKS
1000161745 - (SN AD05131 AND BEFORE)



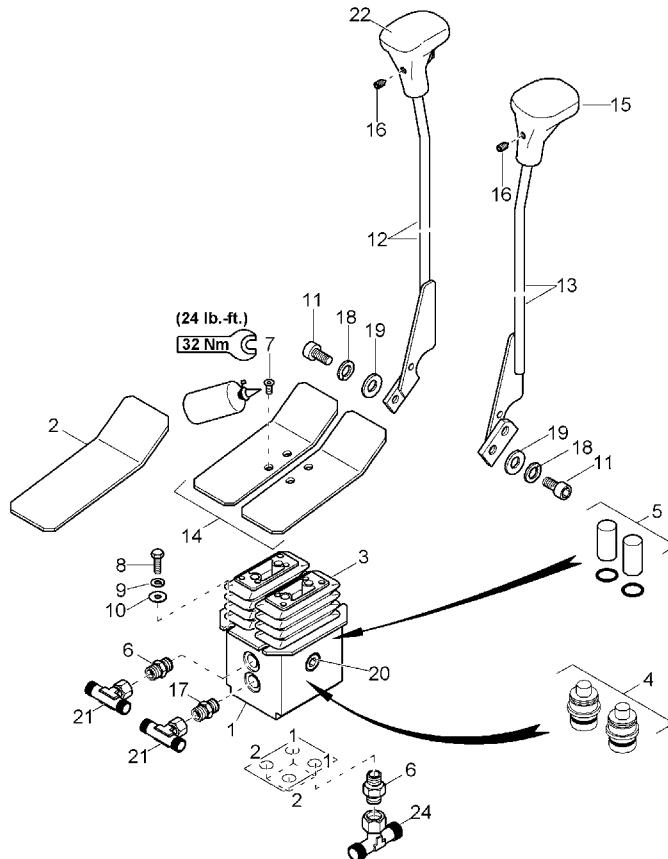
Ref.

No.	Part No.	Description	Qty.
1	205531	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	6
4	651507	SHCS M6-1X20 C8.8 ZY DIN912	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A6.4 ZO DIN 125	8
7	165040	PILOT VALVE SEAL KIT	2
8	177652	RUBBER CAP	2
9	165038	BELLOWS	2
10	164535	PILOT CONTROL RESTRICTOR	1
11	161426	SCREW JOINT (SN AC03011 and before)	3

Ref.

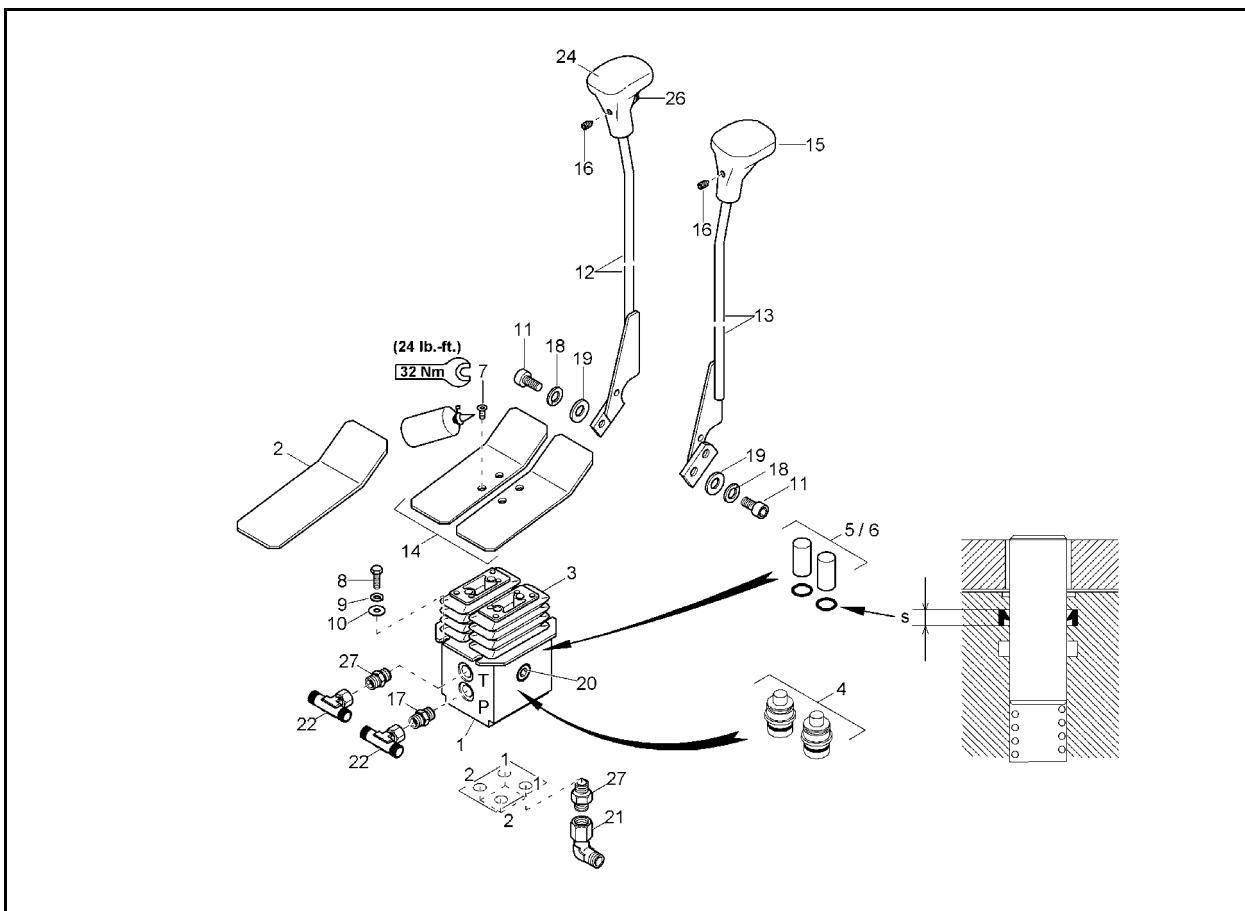
No.	Part No.	Description	Qty.
12	206691	RESTRICTOR (SN AC03012 and up)	2
13	179850	RESTRICTOR (SN AC03012 and up)	1
14	161426	SCREW JOINT (SN AC02956 and before)	2
15	179850	RESTRICTOR (SN AC02957 and up)	1
16	164535	PILOT CONTROL RESTRICTOR (SN AC02957 and up)	1
17	165039	JOYSTICK	1
18	201832	KIT/JOYSTICK/PROPORTIONAL	1
19	201830	KIT/JOYSTICK RT	1

803 - PILOT VALVE, TRAVEL
1000181112 - (SN AH00611 AND UP)



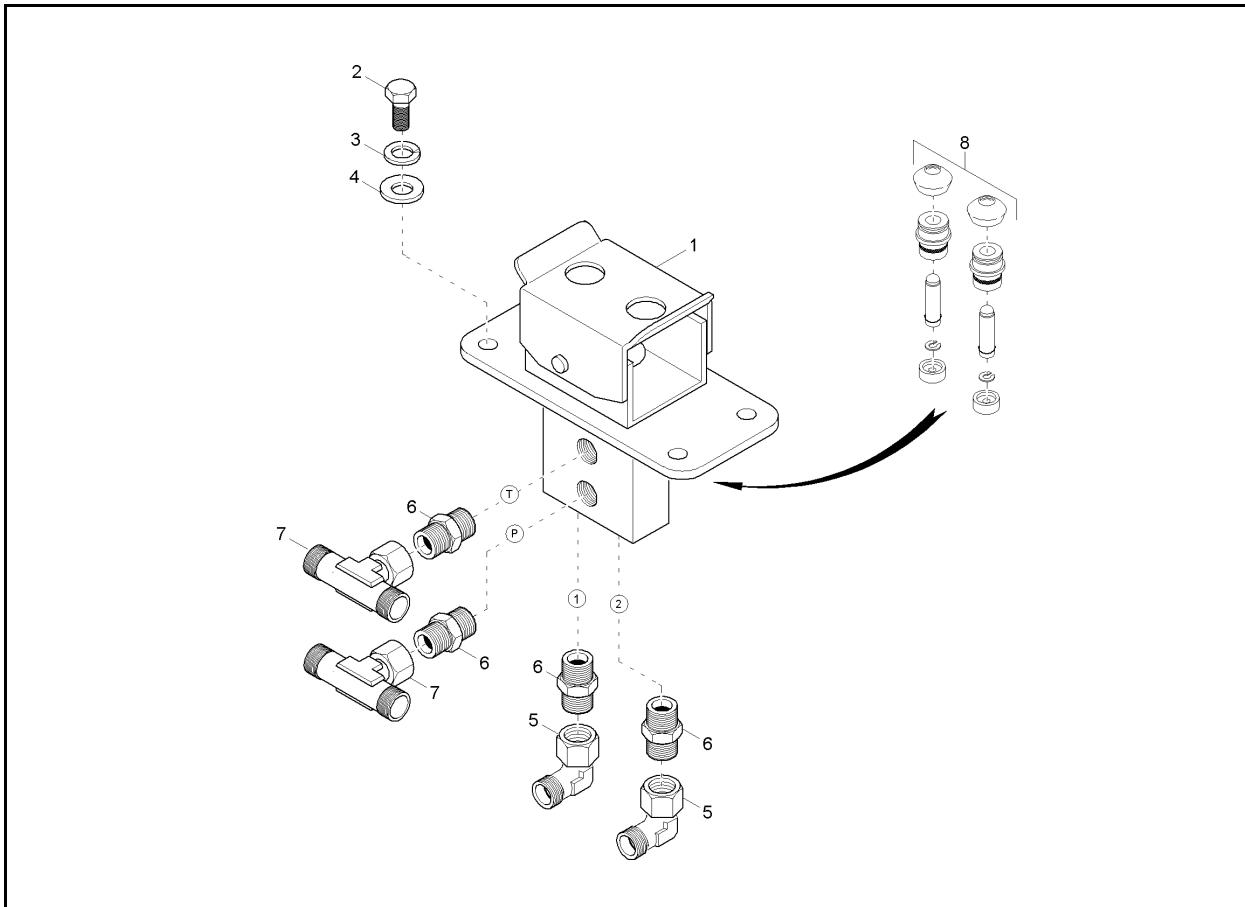
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178947	TRAVEL PILOT VALVE COMPLETE	1	13	1423030G	TRAVEL LEVER RT	1
2	165523	RUBBER	2	14	178563	KIT/PEDAL PLATE	1
3	165522	BELLOWS	1	15	161764	KNOB	1
4	165521	PLUNGER KITS	2	16	162027	SET SCREW	2
5	202838	SEAL KIT (3.7MM SEALS)	2	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	1
9	163670	LOCKWASHER	4	21	161450	TEE	2
10	163634	WASHER	4	22	161764	KNOB	1
11	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	4	24	161450	TEE (SN AH00853 and before)	4
12	1423029G	TRAVEL LEVER LT	1				

803 - PILOT VALVE, TRAVEL
1000139260 - (SN AD07187 AND BEFORE)

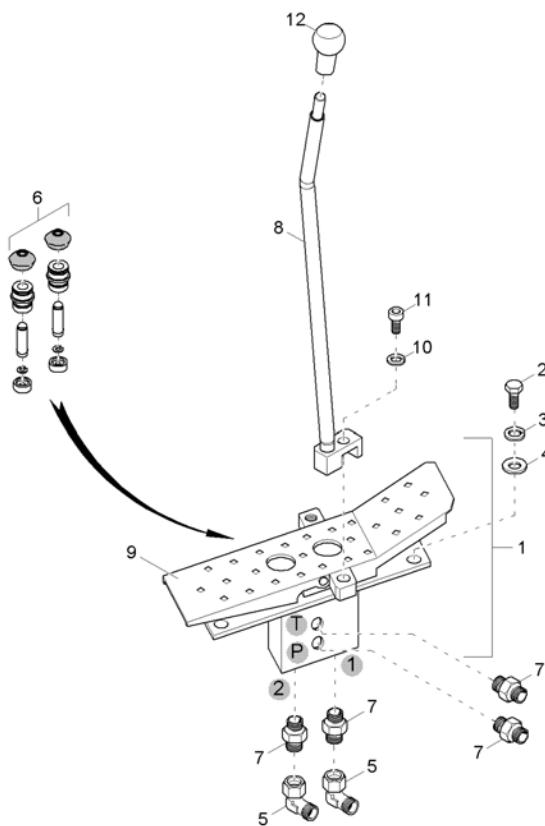


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	178947	TRAVEL PILOT VALVE COMPLETE	1	14	178563	KIT/PEDAL PLATE	1
2	165523	RUBBER	2	15	161764	KNOB	1
3	165522	BELLOWS	1	16	162027	SET SCREW	2
4	165521	PLUNGER KITS	2	17	164535	PILOT CONTROL RESTRICTOR	1
5	165520	SEAL KIT (4.8MM SEALS)	2	18	161669	LOCKWASHER S10	4
6	201838	SEAL KIT (3.7MM SEALS)	2	19	161640	WASHER/GR A 10.5	4
7	179775	SCREW	4	20	165514	SCREW	1
8	177648	HEX SCREW	4	21	161443	90° FITTING	4
9	163670	LOCKWASHER	4	22	161450	TEE	2
10	163634	WASHER	4	24	161764	KNOB (SN AC02957 and up)	1
11	651472	SHCS M10-1.25X20 F8.8 ZY DIN912	4	160658	KNOB W/RED SWITCH (SN AC02956 and before)	1	
12	1423029G	TRAVEL LEVER LT	1	26	161363	SWITCH (SN AC02956 and before)	1
13	1423030G	TRAVEL LEVER RT	1	27	161426	SCREW JOINT	5

803 - AUXILIARY HYDRAULICS - PILOT VALVE
1000116870



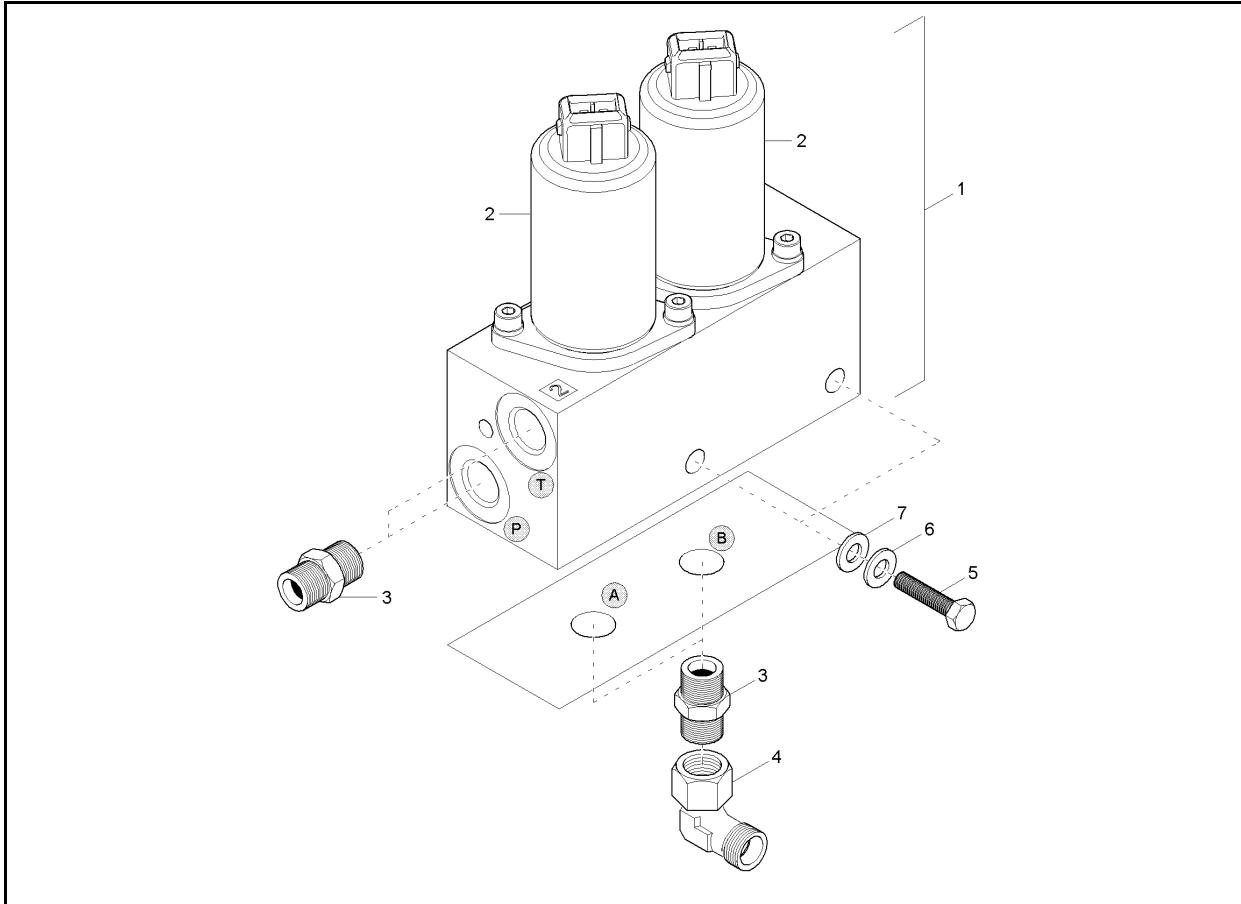
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	161154	CONTROL VALVE		1	5	161443	90° FITTING		2
2	177648	HEX SCREW		4	6	161426	SCREW JOINT		4
3	163670	LOCKWASHER		4	7	161450	TEE		2
4	163634	FLATWASHER		4	8	160918	SEALS FOR TAPPET		1



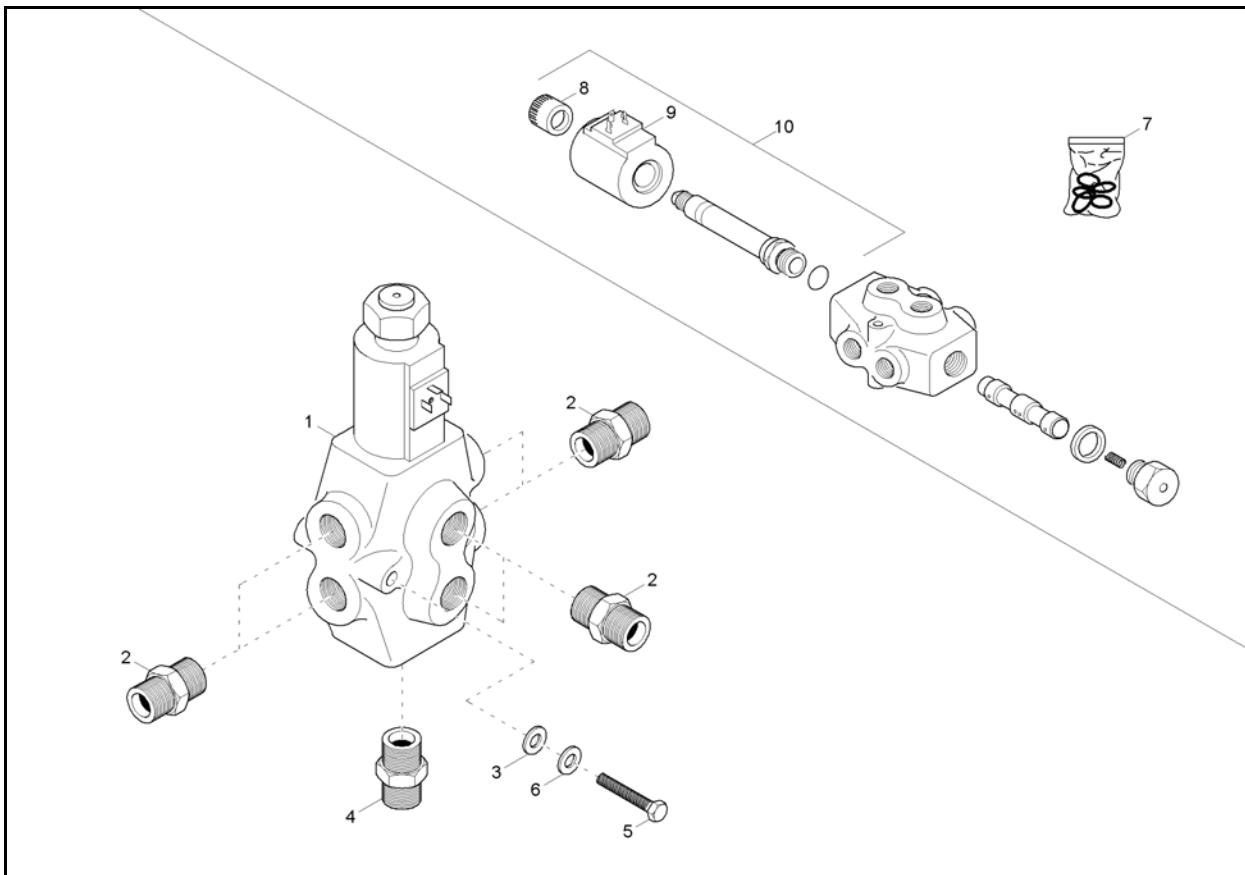
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206413	CONTROL VALVE		1	7	161426	SCREW JOINT		4
2	656105	CS M8-1.25X25 C8.8 ZY DIN931		4	8	177962	DOZER BLADE LEVER		1
3	163670	LOCKWASHER		4	9	178979	PEDAL		1
4	163634	FLATWASHER		4	10	163651	WASHER		1
5	161443	90° FITTING		2	11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

803 - PROPORTIONAL VALVE (OPTION)

1000158439 - (SN AD04685 AND UP)



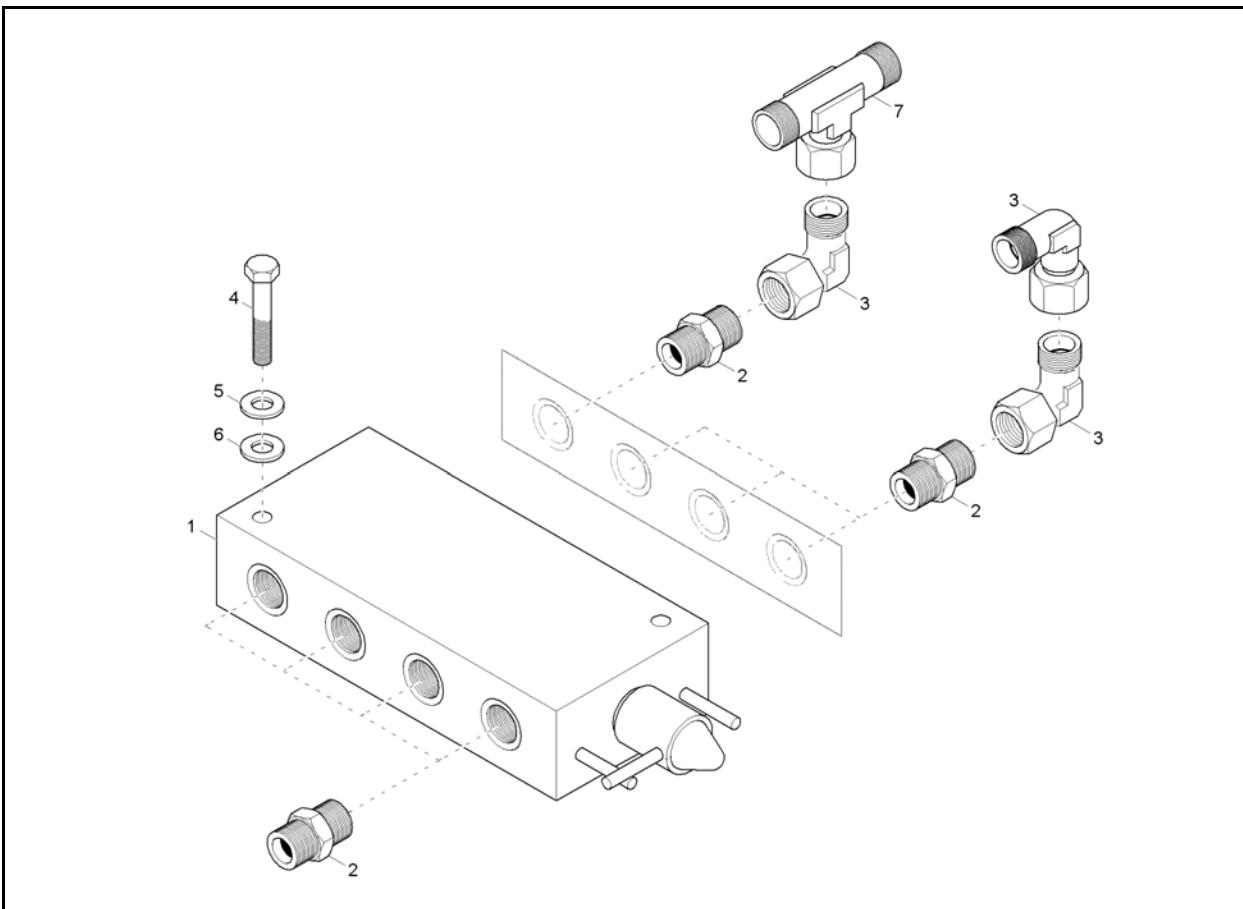
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205930	PROPORTIONAL VALVE	1	5	656172	CS M6-1X45 C8.8 ZY DIN931	2
2	205724	SOLENOID	2	6	161675	LOCKWASHER S6	2
3	161426	SCREW JOINT	4	7	161660	WASHER GR A6.4 ZO DIN 125	2
4	161443	90° FITTING	2				



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 M6-1X50 C8.8 ZY DIN931	2	10	162243	SOLENOID ASSY	1

803 - ISO/SAE VALVE

1000124595

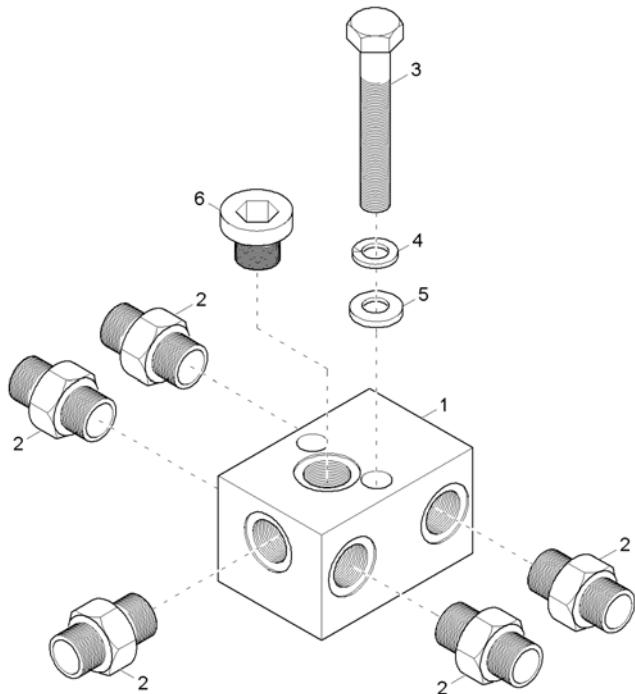


Ref.

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

Ref.

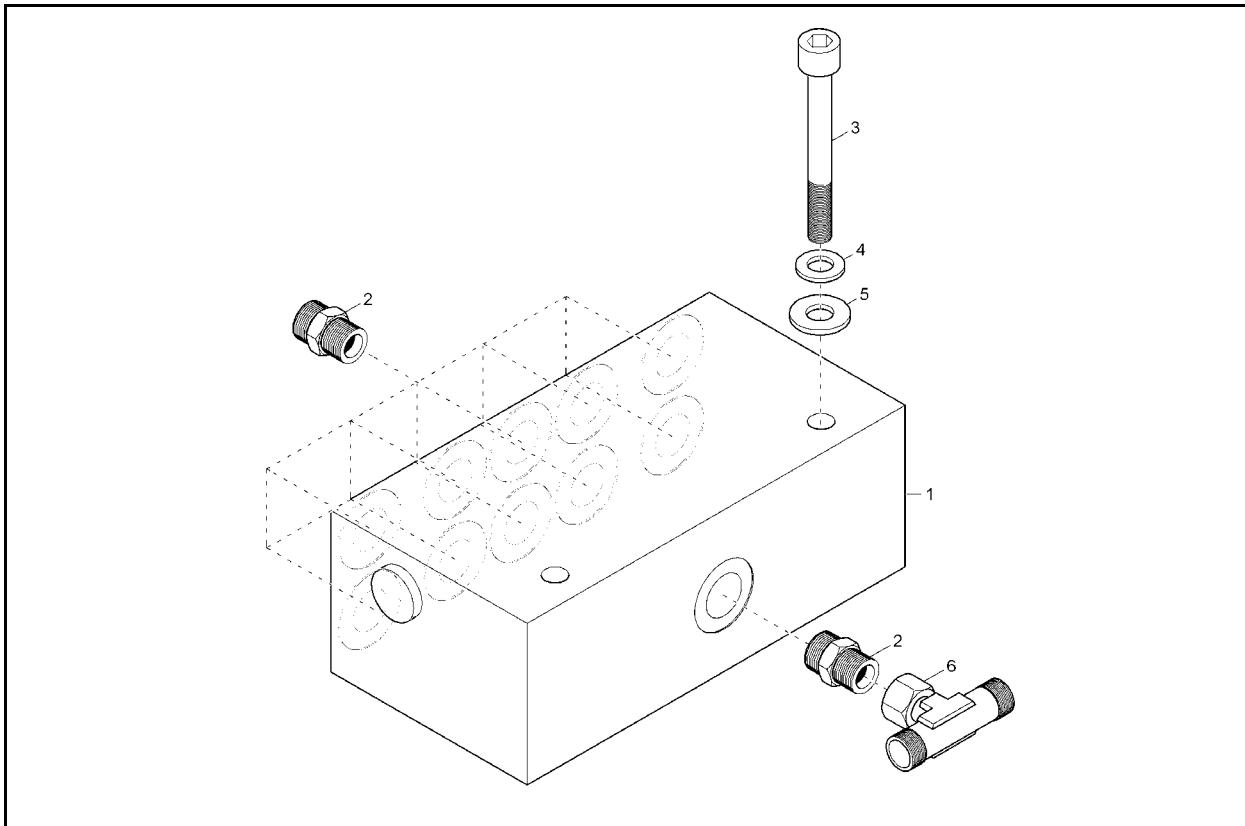
No.	Part No.	Description	Qty.
5	161674	LOCKWASHER S16	2
6	161659	WASHER/GR A 5.3 ZO DIN125	2
7	161450	TEE	1



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	165089	MANIFOLD BLOCK		1	4	161675	LOCKWASHER S6		2
2	161426	SCREW JOINT		5	5	161660	WASHER GR A6.4 ZO DIN 125		2
3	165946	SCREW		2	6	161414	SCREW		1

803 - VALVE BLOCK

1000181115 - (SN AH00611 AND UP)



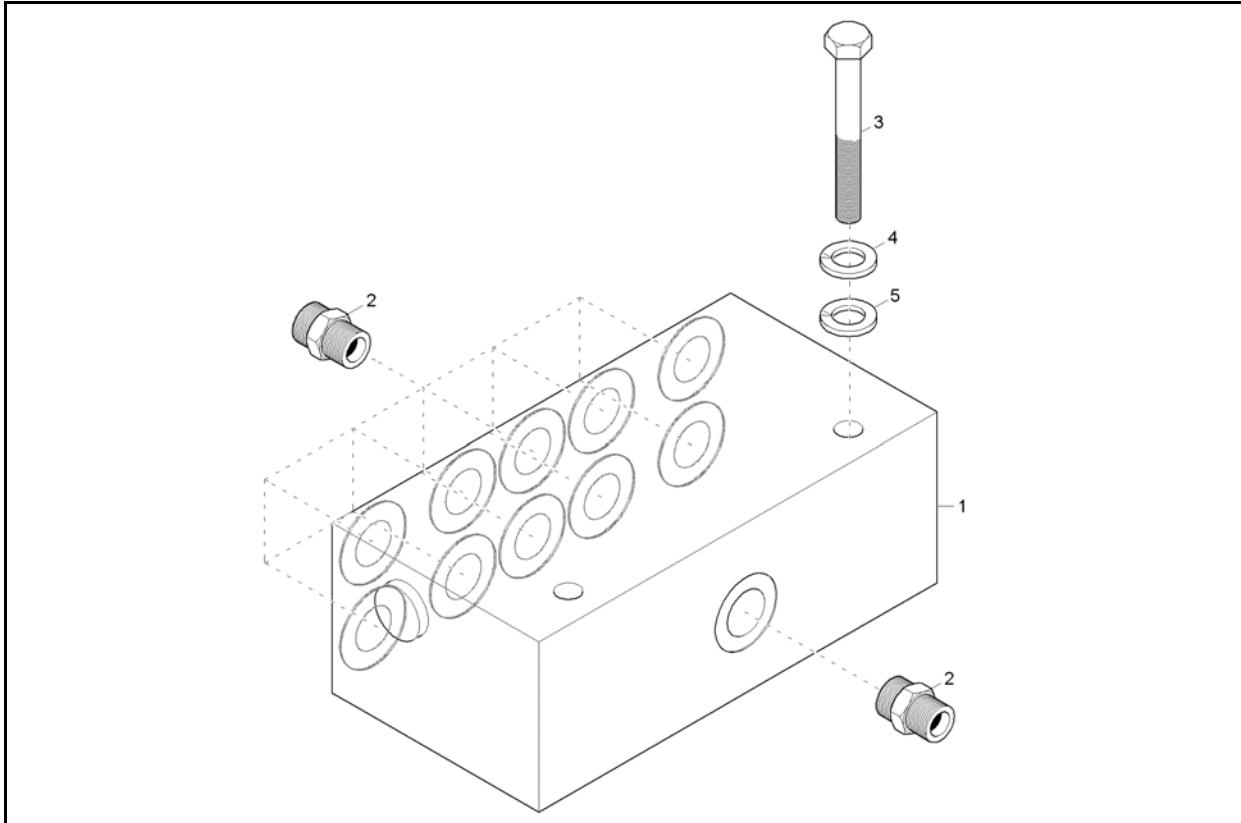
Ref.

No.	Part No.	Description	Qty.
1	177863	VALVE BLOCK	1
2	161426	SCREW JOINT	11
3	7252677618	SHCS M 6X80-8.8 A2C	2

Ref.

No.	Part No.	Description	Qty.
4	161675	LOCKWASHER S6	2
5	161660	WASHER GR A6.4 ZO DIN 125	2
6	161450	TEE (SN AH00611 - AH00853)	1

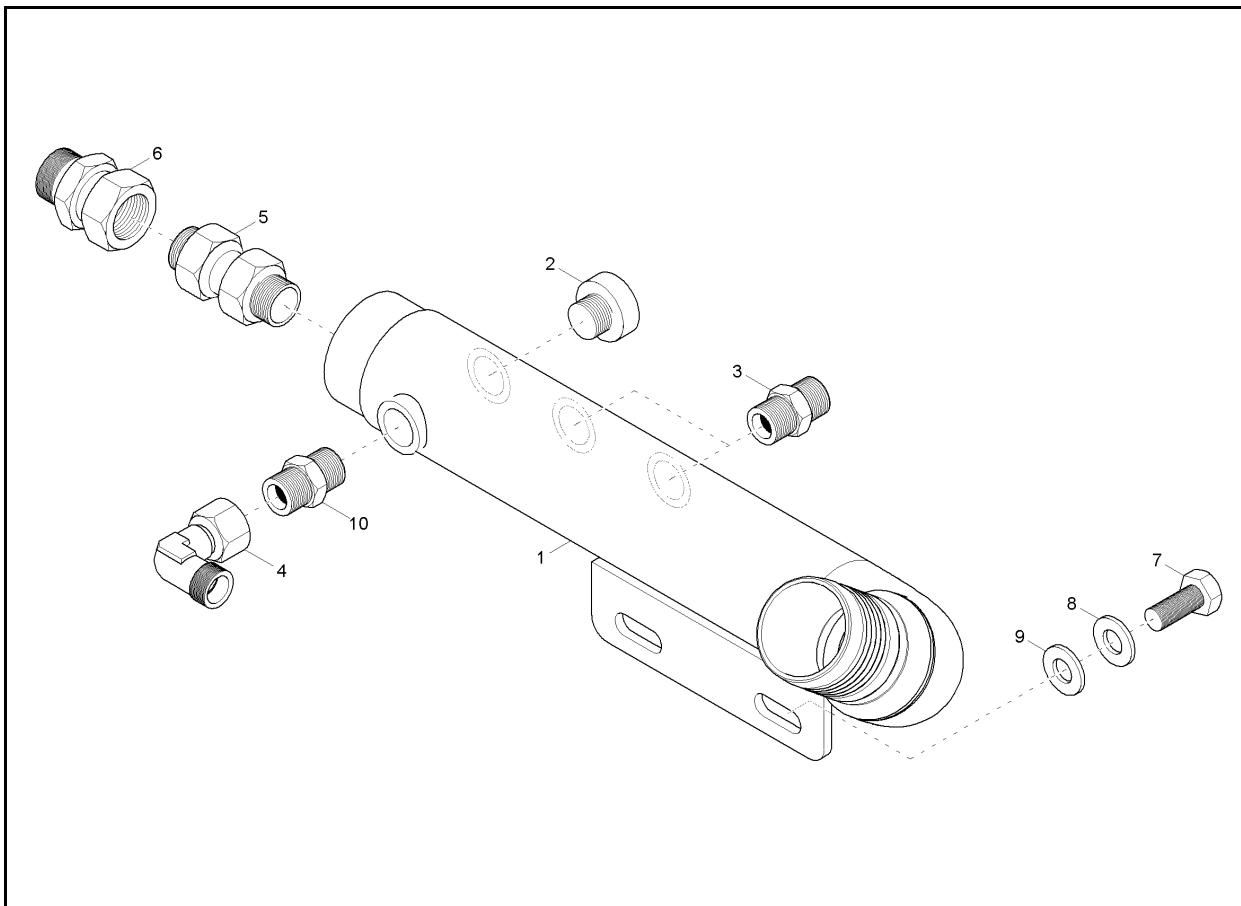
803 - VALVE BLOCK
1000135357 - (SN AC02528 - AD07187)



Ref.				Ref.			
No.	Part No.	Description	Qty.	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				

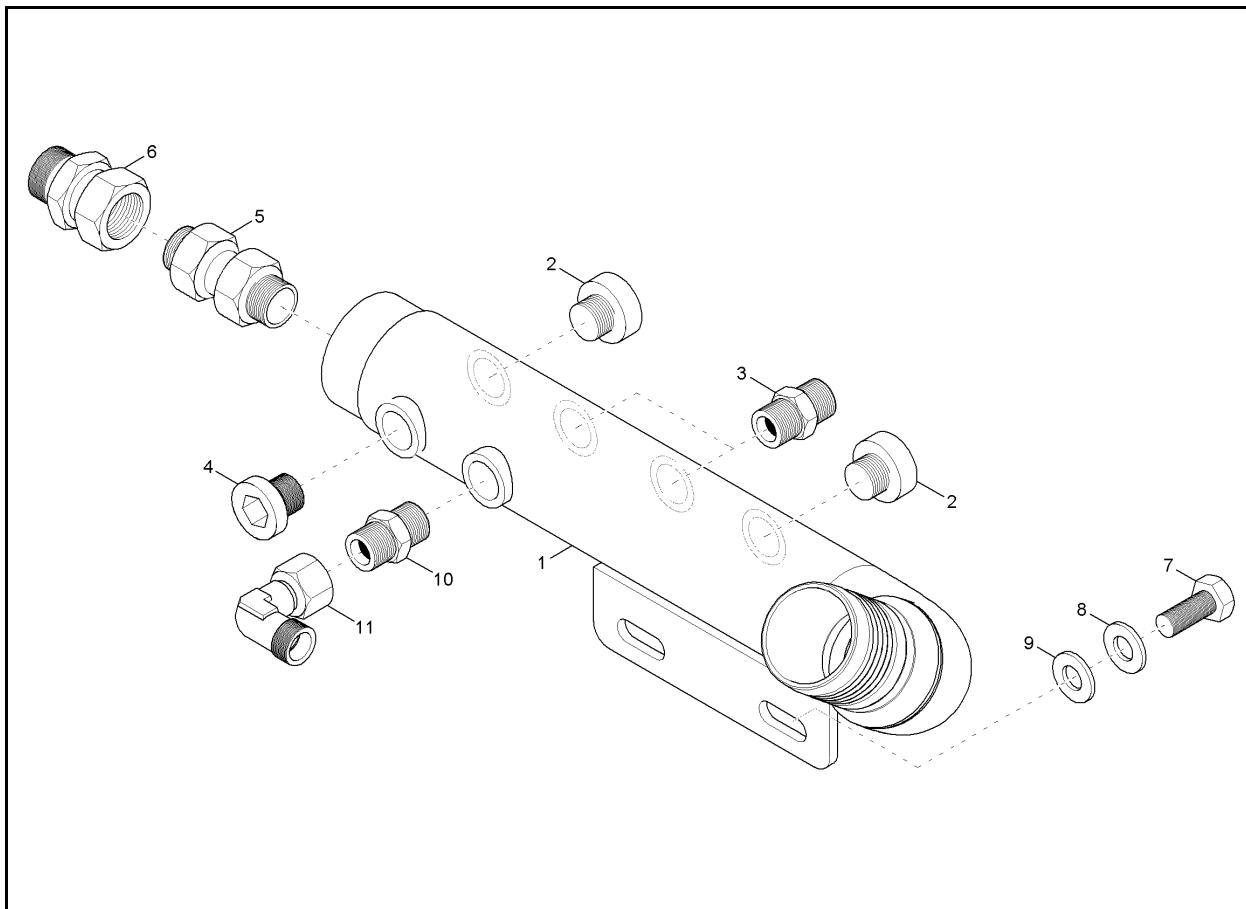
803 - MANIFOLD

1000151981 - (SN AC03554 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206851	MANIFOLD	1	6	177214	SCREW JOINT	1
2	164925	SCREW	1	7	651393	CS M10-1.5X25 C8.8 ZY	2
3	161433	SCREW JOINT	2	8	161669	LOCKWASHER S10	2
4	161446	90° FITTING	1	9	161640	WASHER/GR A 10.5	2
5	178652	NON-RETURN VALVE	1	10	161431	SCREW JOINT	1

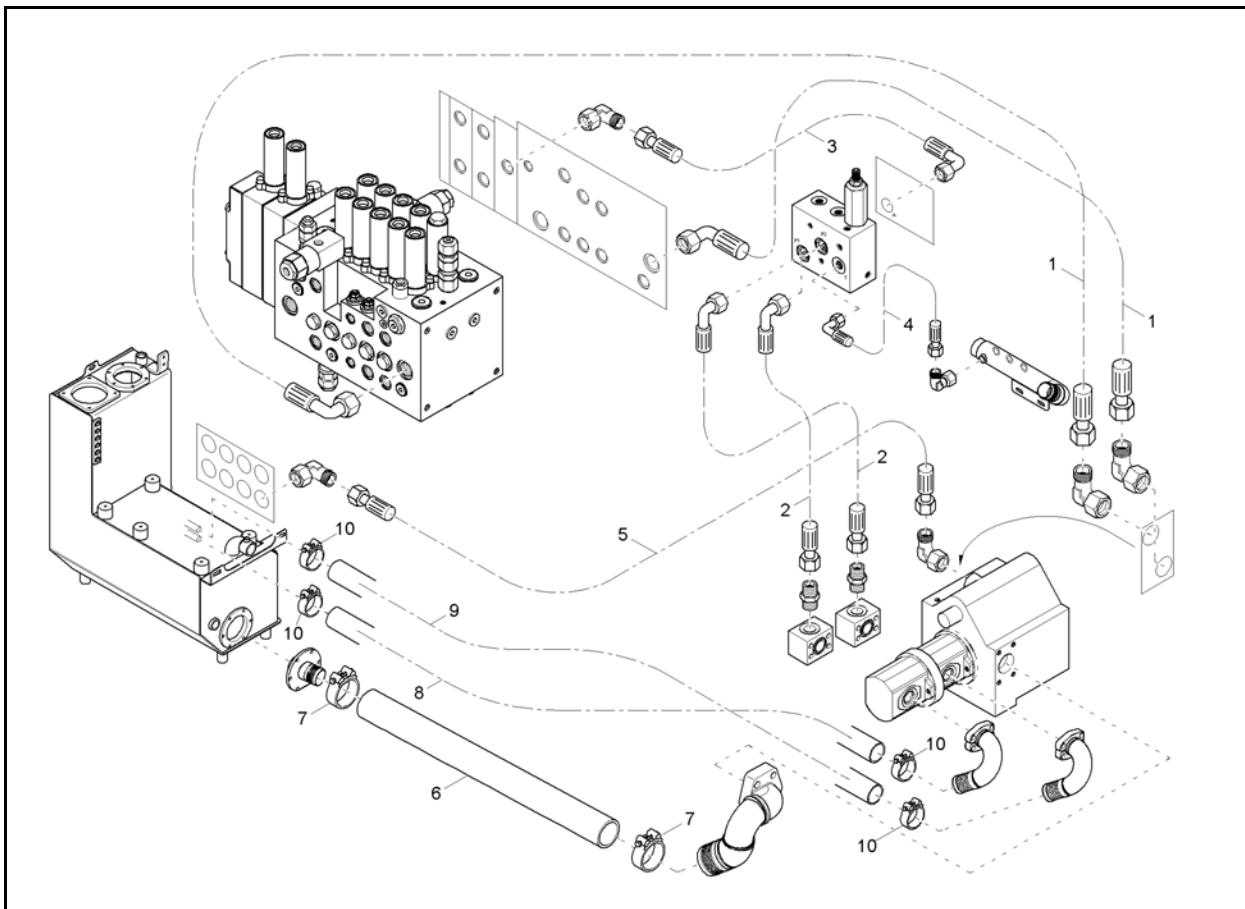
803 - MANIFOLD
1000135036 - (SN AC03553 AND BEFORE)



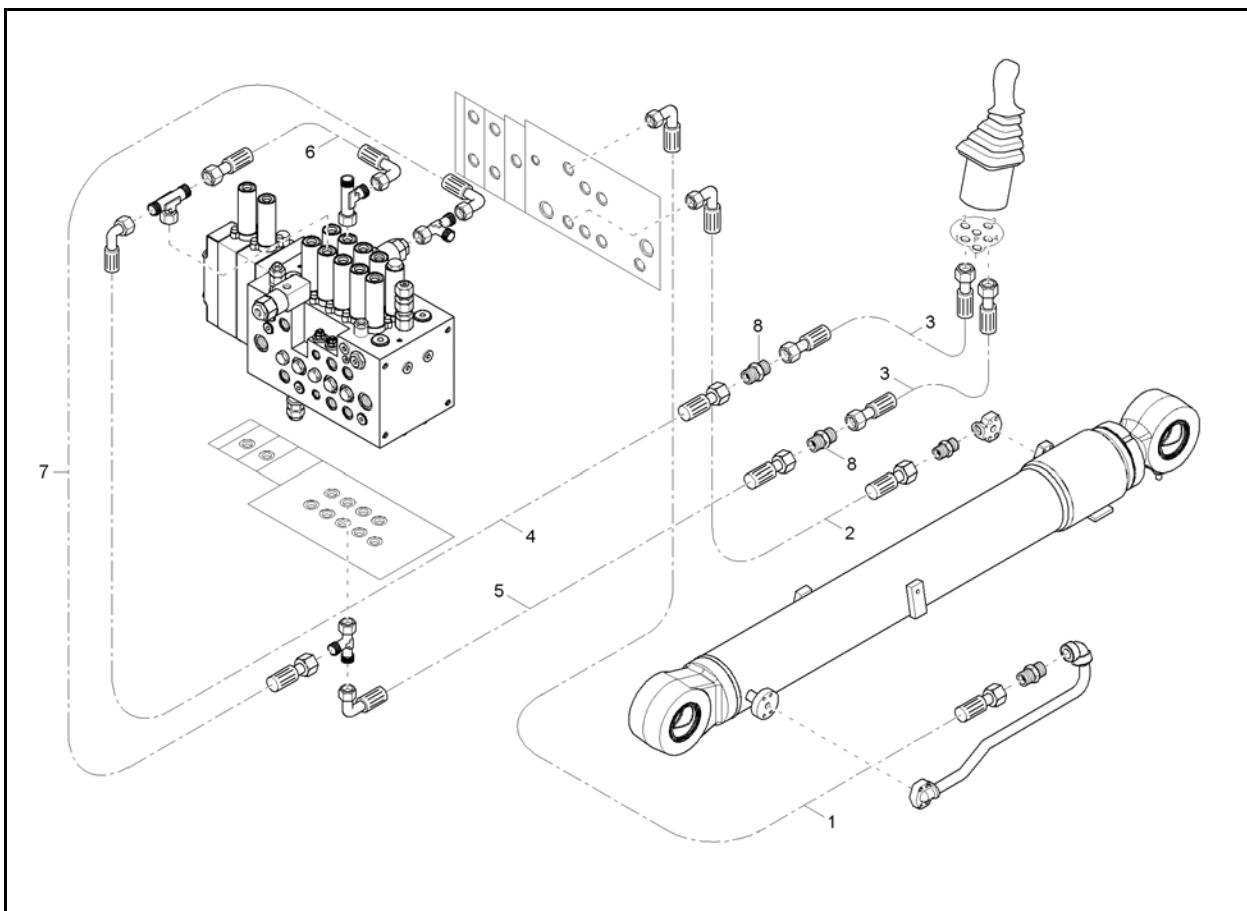
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206851	MANIFOLD		1	7	651393	CS M10-1.5X25 C8.8 ZY		2
2	164925	SCREW		2	8	161669	LOCKWASHER S10		2
3	161433	SCREW JOINT		2	9	161640	WASHER/GR A 10.5		2
4	164924	PLUG		1	10	161431	SCREW JOINT		1
5	178652	NON-RETURN VALVE		1	11	161446	90° FITTING		1
6	177214	SCREW JOINT		1					

803 - HYDRAULIC PUMP INSTALLATION

1000136959



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208326	HP HOSE	2	6	177130	SUCTION HOSE	1
2	208327	HP HOSE	2	7	179856	HOSE CLAMP	2
3	208328	HP HOSE	1	8	208331	SUCTION HOSE	1
4	208329	HP HOSE	1	9	208332	SUCTION HOSE	1
5	208330	HP HOSE	1	10	179858	HOSE CLAMP	4



Ref.

No. Part No.

Description

Qty.

1	208291	HP HOSE	1
2	208292	HP HOSE	1
3	177069	HP HOSE	2
4	177674	HP HOSE	1

Ref.

No. Part No.

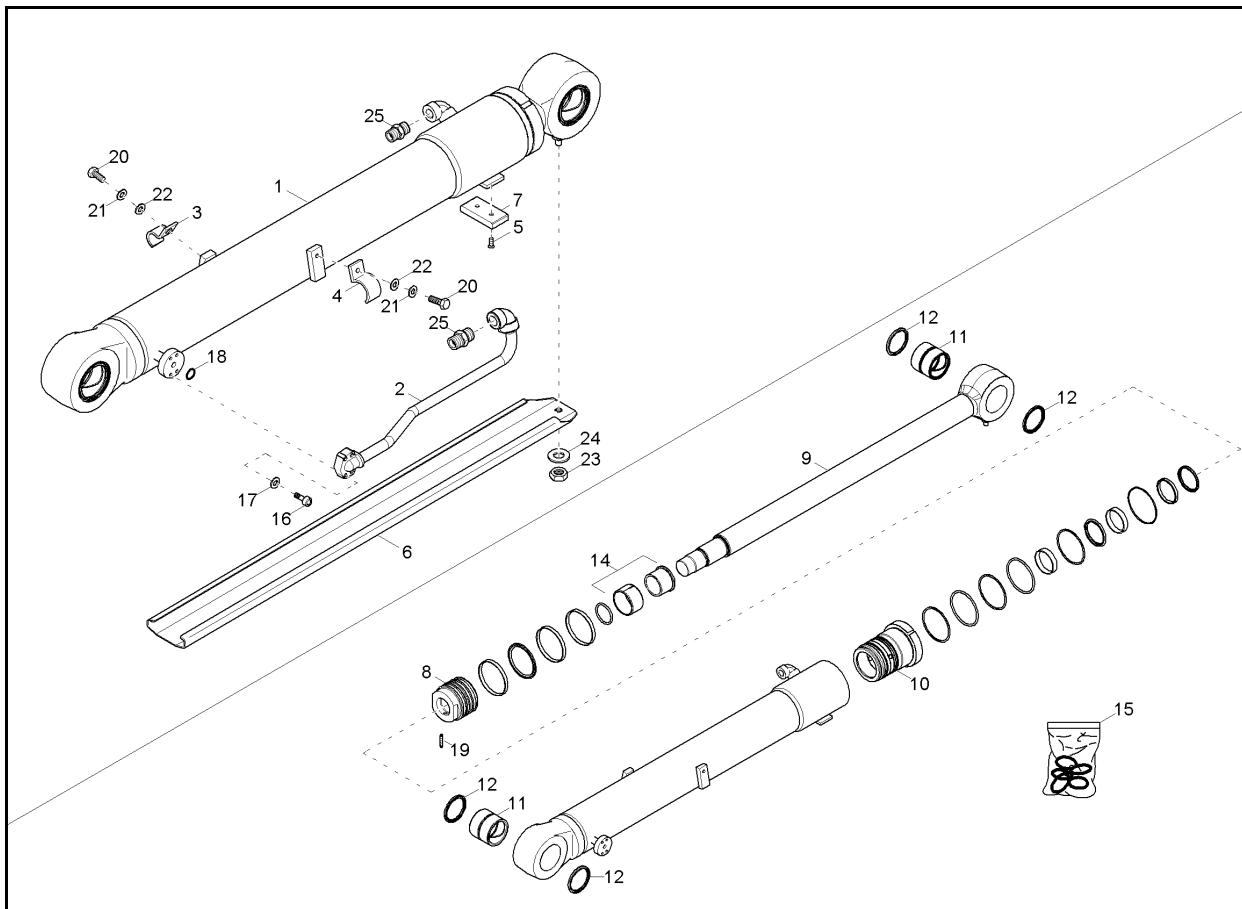
Description

Qty.

5	161221	HP HOSE	1
6	161237	HP HOSE	1
7	177671	HP HOSE	1
8	161479	SCREW JOINT	2

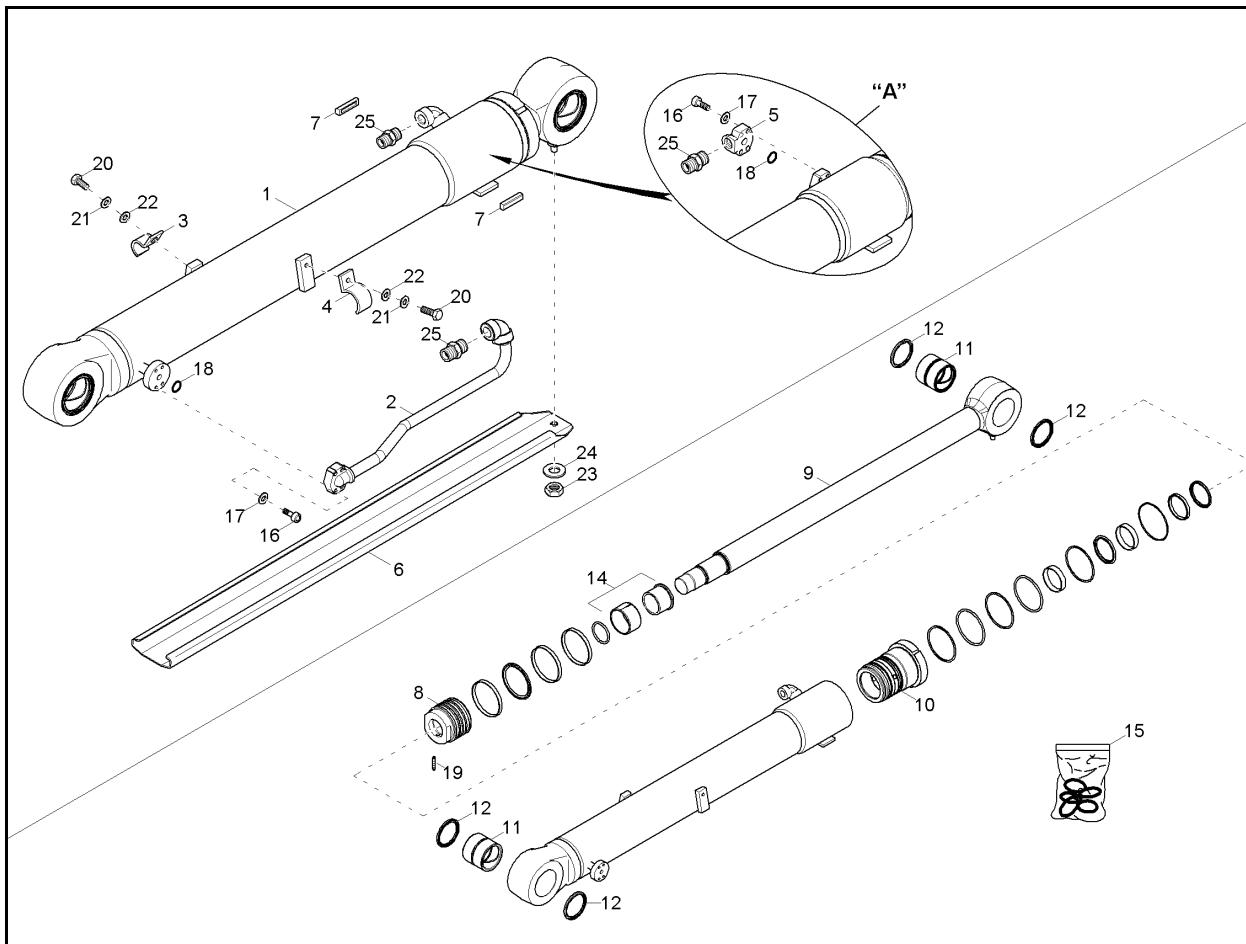
803 - BOOM CYLINDER

1000163674 - (SN AD04806 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	204921	BOOM CYLINDER	1	14	176981	DAMPING	1
2	177063	CYLINDER PIPES ASSY.	1	15	177122	CYLINDER SEAL KIT	1
3	177106	PIPE CLAMP	1	16	651517	SHCS M8-1.25X30 C8.8 ZY DIN912	4
4	163376	CLAMP	1	17	656110	LW M8 ZY DIN127	4
5	651466	FHSCS M8-1.25X20 C8.8 ZY DIN7991	2	18	163379	O-RING	1
6	177176	PROTECTING RAIL	1	19	177035	THREAD PIN	1
7	205838	GUIDE	1	20	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
8	176986	PISTON	1	21	161669	LOCKWASHER S10	2
9	176984	PISTON ROD	1	22	161640	WASHER/GR A 10.5	2
10	176983	GUIDE BUSHING	1	23	177219	HEXAGON NUT	1
11	179853	BUSHING 70/85X75	2	24	177454	SPACER	1
12	179870	PIN SEAL	4	25	161483	SCREW JOINT	2

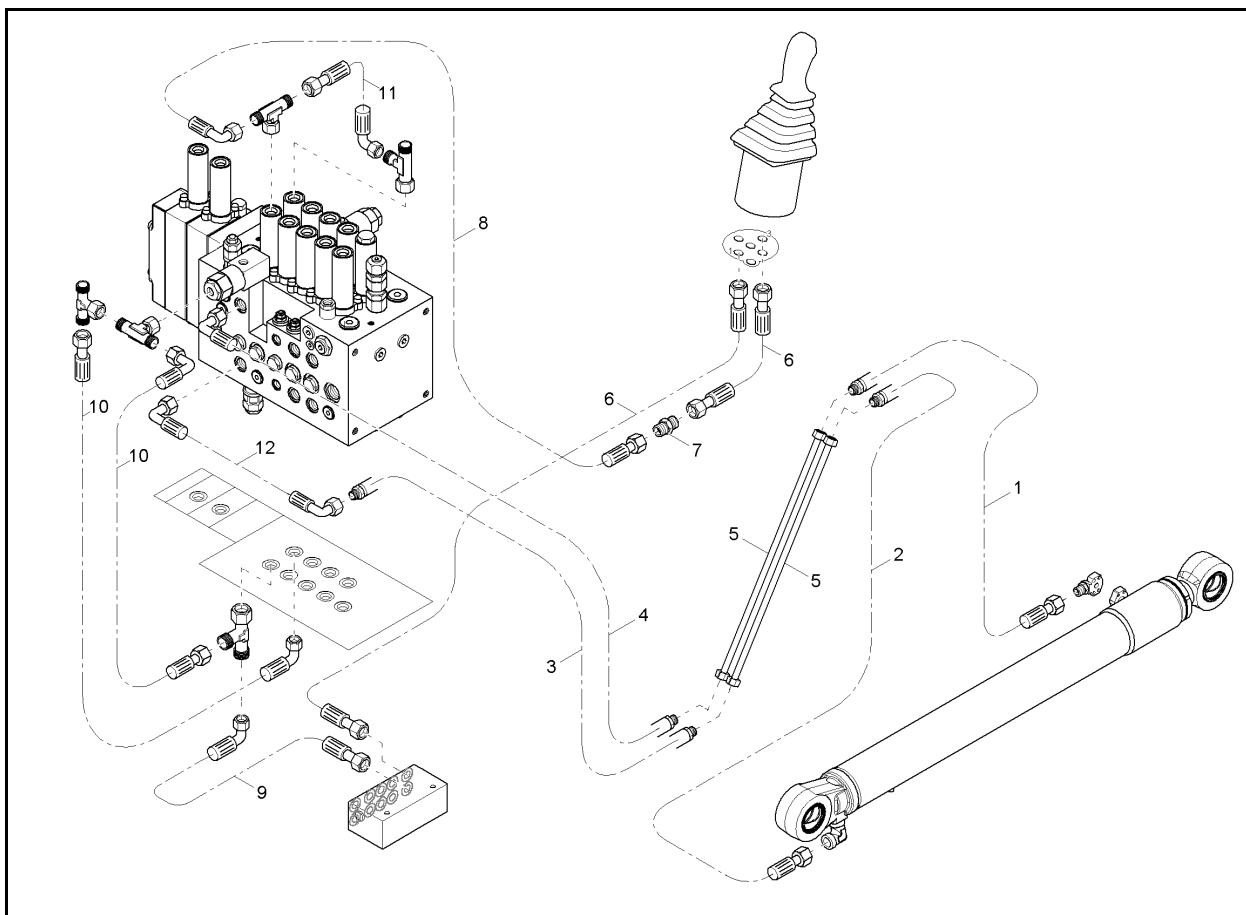
803 - BOOM CYLINDER
1000131158 - (SN AD04805 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204922	KIT/BOOM CYLINDER *	1	15	177122	CYLINDER SEAL KIT	1
2	177063	CYLINDER PIPES ASSY.	1	16	179787	SCREW	8
3	177106	PIPE CLAMP	1	17	656110	LW M8 ZY DIN127	8
4	163376	CLAMP	1	18	163379	O-RING	2
5	177136	FLANGE	1	19	177035	THREAD PIN	1
6	177176	PROTECTING RAIL	1	20	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
7	161205	GUIDE	2	21	161669	LOCKWASHER S10	2
8	176986	PISTON	1	22	161640	WASHER/GR A 10.5	2
9	176984	PISTON ROD	1	23	177219	HEXAGON NUT	1
10	176983	GUIDE BUSHING	1	24	177454	SPACER	1
11	179853	BUSHING 70/85X75	2	25	161483	SCREW JOINT	2
12	179870	PIN SEAL	4	* If replacing cylinder "A", you must also order qty. 1 of Ref. 25, 164483, for proper fit.			
14	176981	DAMPING	1				

803 - DIPPER ARM INSTALLATION

1000136637



Ref.

No. Part No.

Description

Qty.

1	208287	HP HOSE	1
2	208288	HP HOSE	1
3	208289	HP HOSE	1
4	205107	HP HOSE	1
5	177160	PIPE LINE	2
6	179522	HP HOSE	2

Ref.

No. Part No.

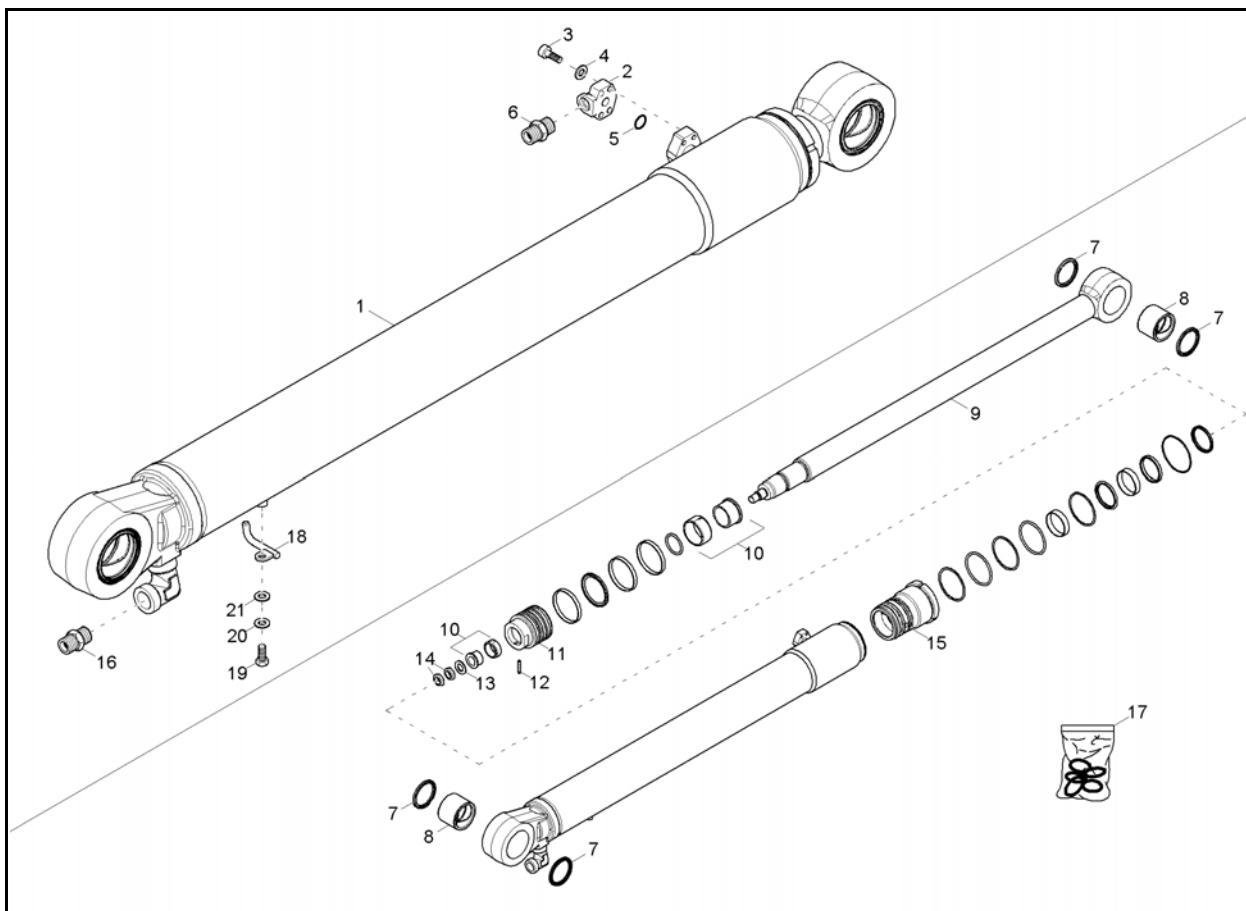
Description

Qty.

7	161479	SCREW JOINT	1
8	177674	HP HOSE	1
9	161221	HP HOSE	1
10	177671	HP HOSE	2
11	161237	HP HOSE	1
12	205108	HP HOSE	1

803 - DIPPER ARM CYLINDER

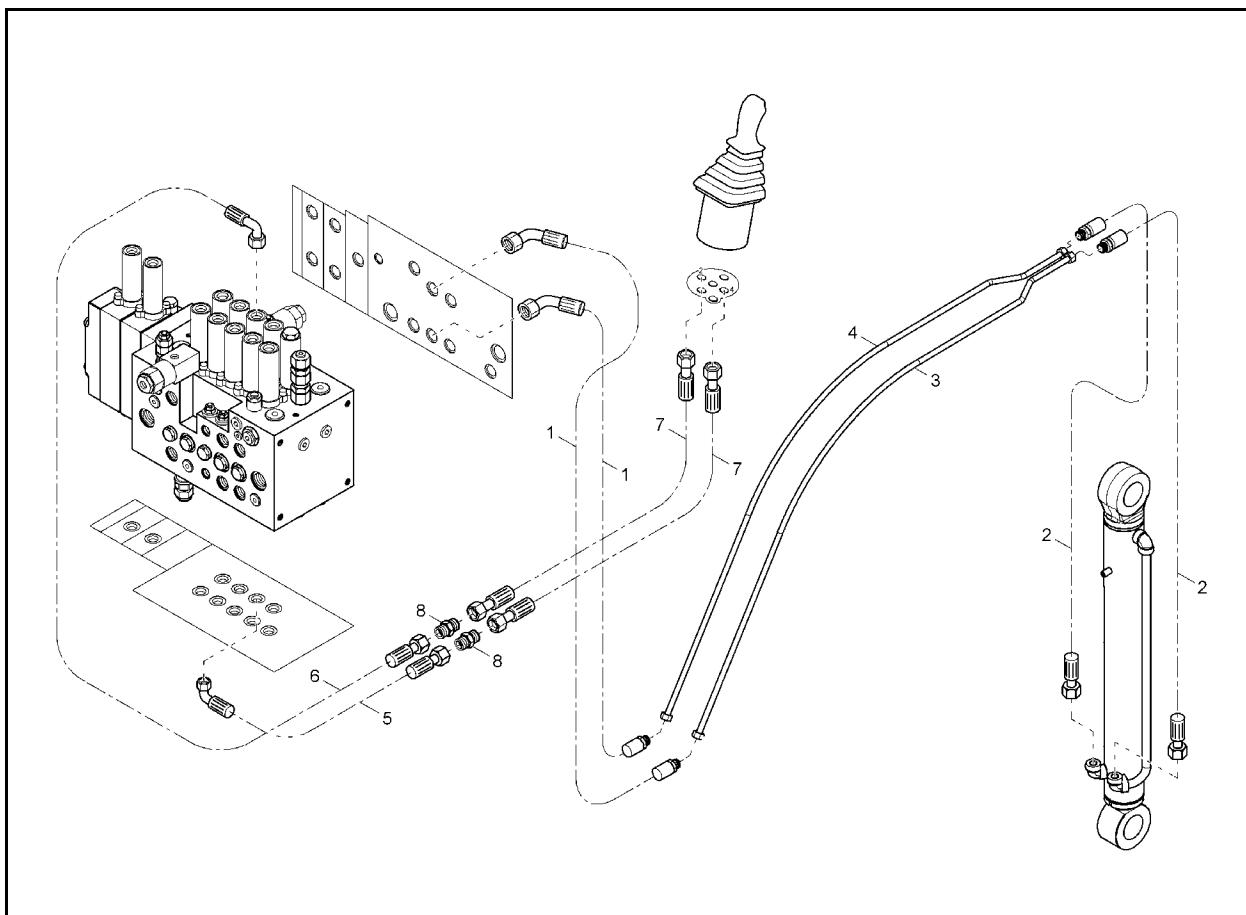
1000131187



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177186	DIPPER ARM CYLINDER	1	12	177035	THREAD PIN	1
2	177136	FLANGE	1	13	161652	WASHER/GR A 21 ZO DIN125	1
3	179787	SCREW	4	14	176924	HEXAGON NUT	2
4	656110	LW M8 ZY DIN127	4	15	176979	GUIDE BUSHING	1
5	163379	O-RING	1	16	163363	SCREW JOINT	1
6	208223	SCREW JOINT	1	17	177121	CYLINDER SEAL KIT	1
7	179871	SEAL	4	18	177097	BRACKET HOSE	1
8	177191	STEEL BUSHING	2	19	656006	CS M10-1.5X20 C8.8 ZY DIN931	1
9	177003	PISTON ROD	1	20	161669	LOCKWASHER S10	1
10	177002	DAMPING	1	21	161640	WASHER/GR A 10.5	1
11	177001	PISTON	1				

803 - BUCKET INSTALLATION - SHORT DIPPER ARM

1000181123



Ref.

No. Part No.

Description

Qty.

1	208339	HP HOSE	2
2	204688	HP HOSE (1800MM) (SN AD06497 and up)	1
	204674	HP HOSE (1750MM) (SN AD06496 and before)	1
3	208338	PIPE LINE	1

Ref.

No. Part No.

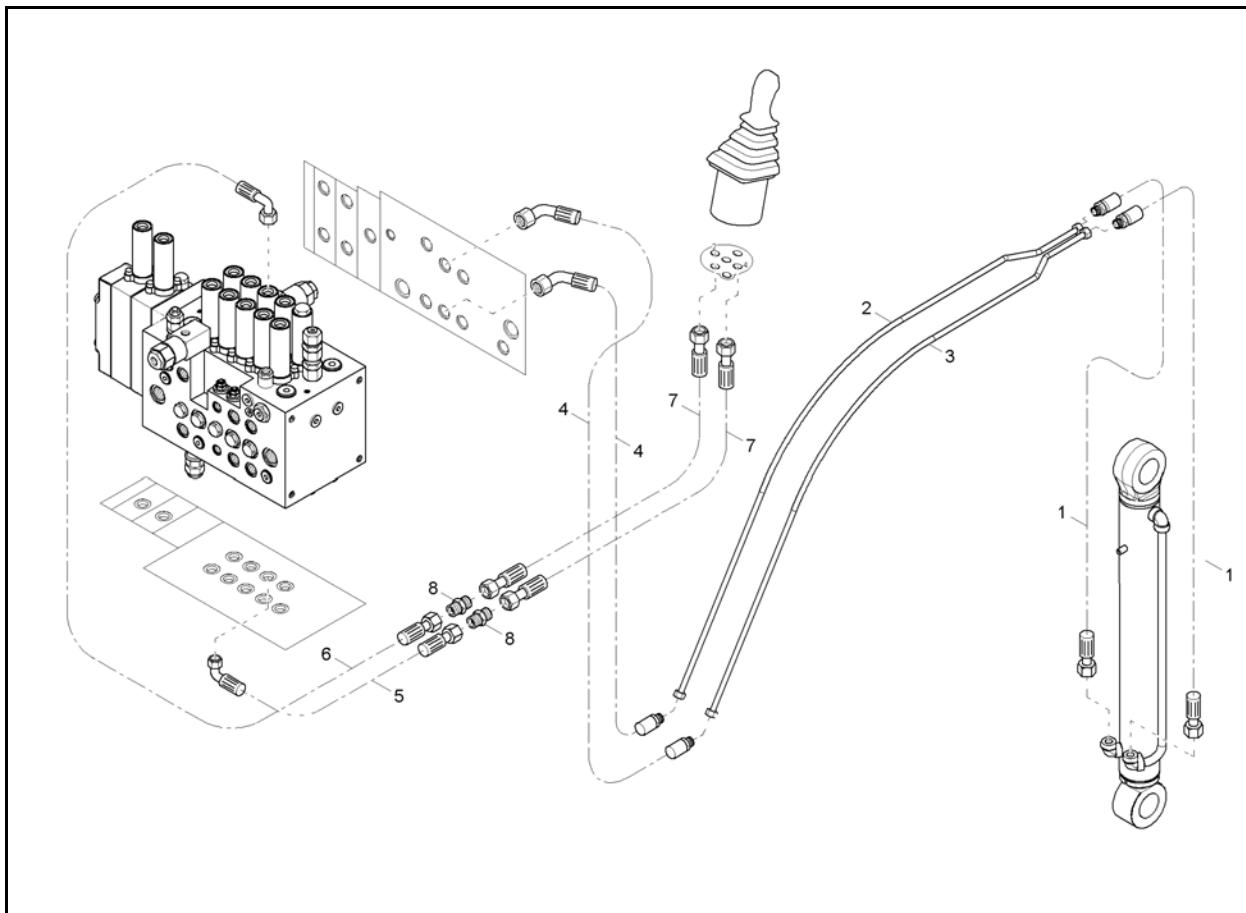
Description

Qty.

4	208337	PIPE LINE	1
5	177674	HP HOSE	1
6	161221	HP HOSE	1
7	177856	HP HOSE	2
8	161479	SCREW JOINT	2

803 - BUCKET INSTALLATION - LONG DIPPER ARM (OPTION)

1000137038



Ref.

No. Part No.

Description

Qty.

1	208336	HP HOSE (2060MM)	2
2	208337	PIPE LINE	1
3	208338	PIPE LINE	1
4	208339	HP HOSE	2

Ref.

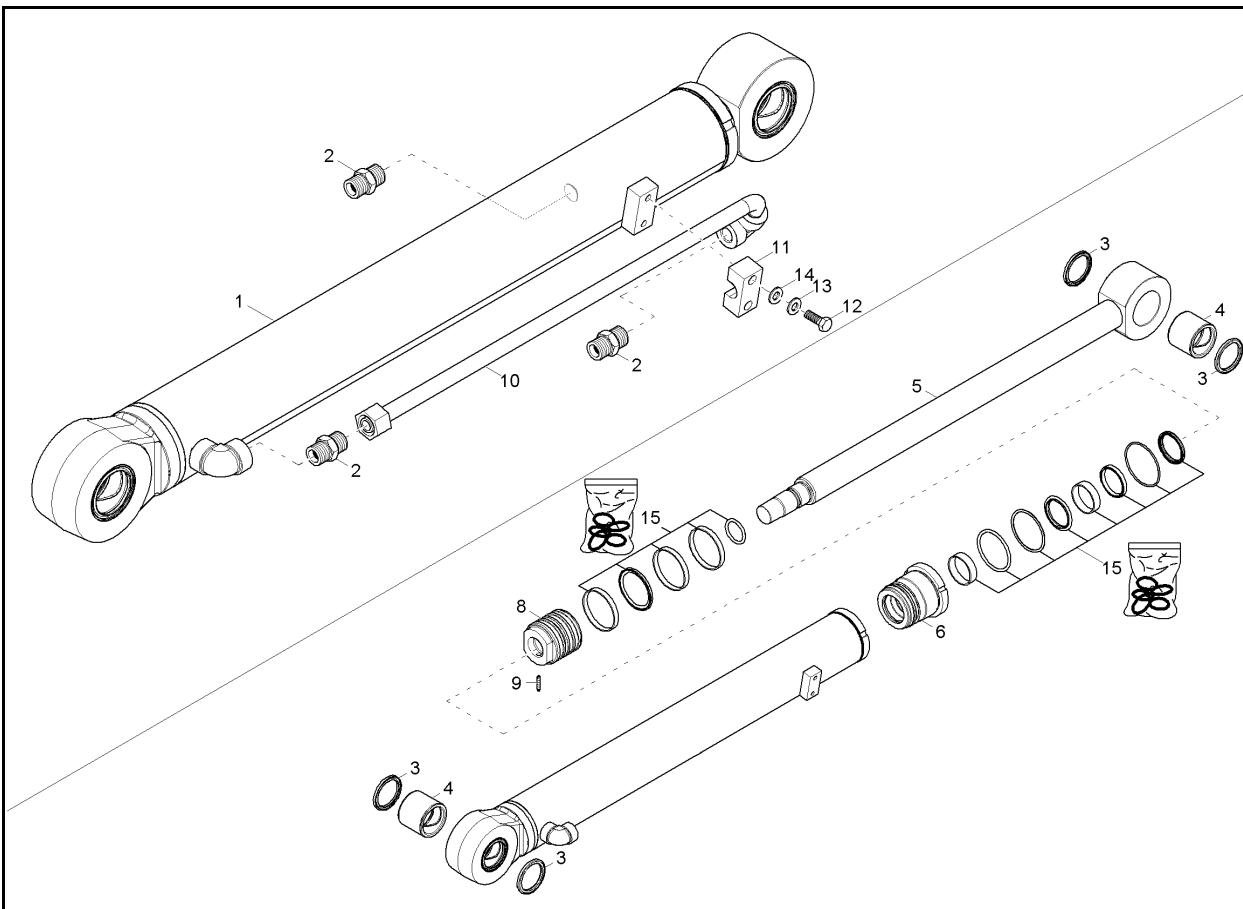
No. Part No.

Description

Qty.

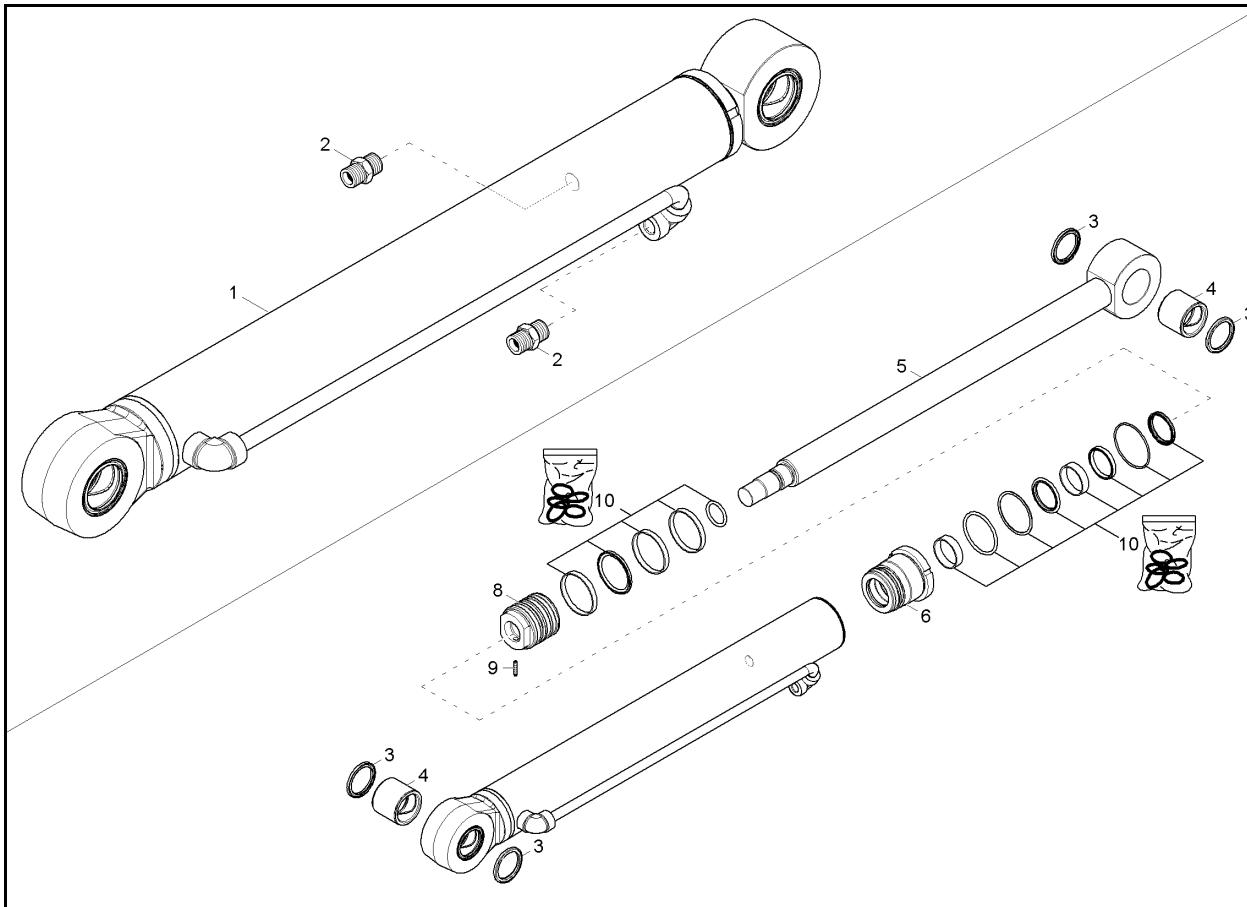
5	177674	HP HOSE	1
6	161221	HP HOSE	1
7	177856	HP HOSE	2
8	161479	SCREW JOINT	2

803 - BUCKET CYLINDER
1000131192 - (SN AC03889 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206858	BUCKET CYLINDER	1	9	177035	THREAD PIN	1
2	161483	SCREW JOINT	3	10	177005	CYLINDER PIPES ASSY.	1
3	179872	PIN SEAL	4	11	177004	PIPE CLAMP	1
4	177190	STEEL BUSHING	2	12	651399	CS M10-1.5X40 C8.8 ZY	2
5	177000	PISTON ROD	1	13	161669	LOCKWASHER S10	2
6	176999	GUIDE/BUSHING	1	14	161640	WASHER/GR A 10.5	2
8	206868	PISTON	1	15	177120	CYLINDER SEAL KIT	1

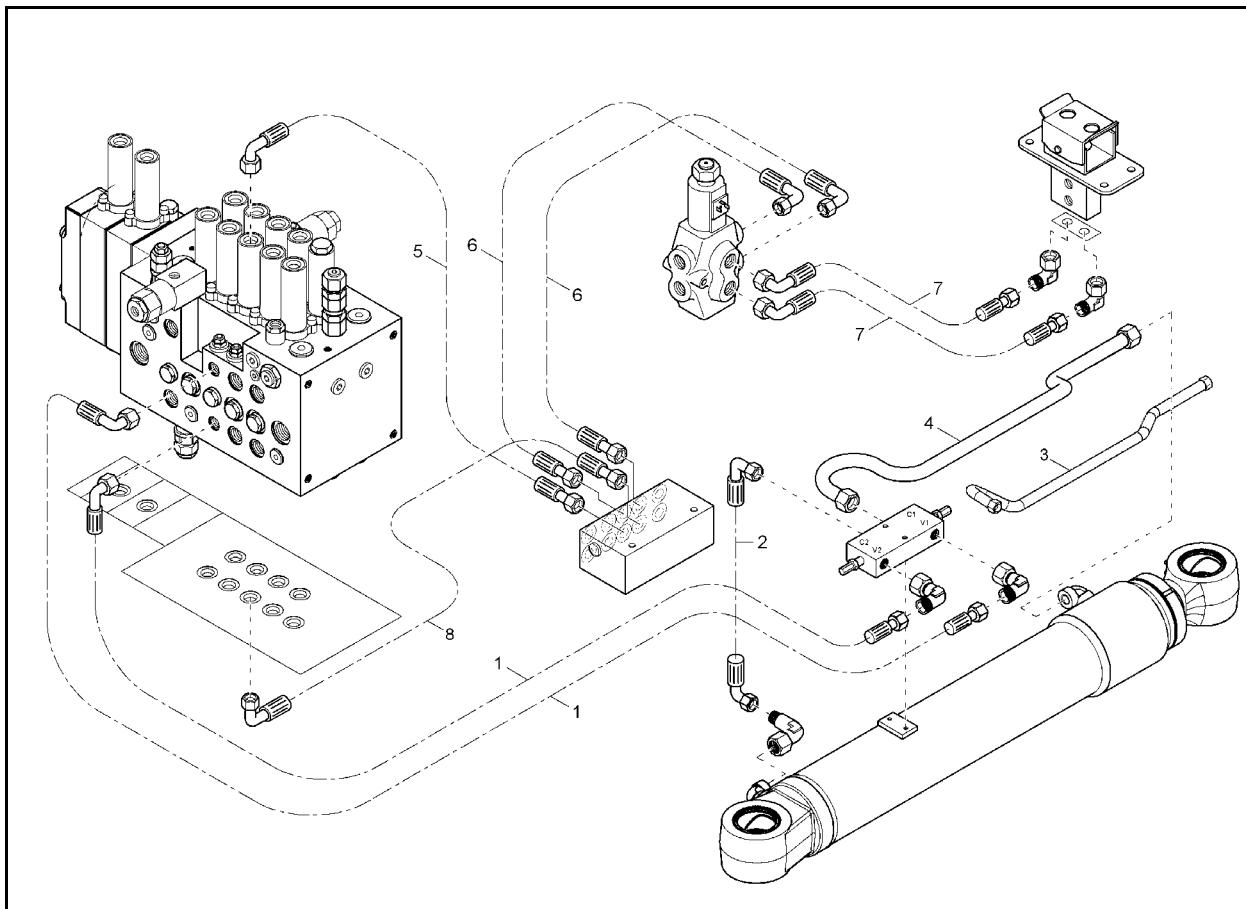
803 - BUCKET CYLINDER
1000164487 - (SN AC03888 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	204997	KIT/BUCKET CYLINDER *	1	6	176999	GUIDE/BUSHING	1	
2	161483	SCREW JOINT	2	8	206868	PISTON	1	
3	179872	PIN SEAL	4	9	177035	THREAD PIN	1	
4	177190	STEEL BUSHING	2	10	177120	CYLINDER SEAL KIT	1	
5	177000	PISTON ROD	1	* 204997 replaces 205147.				

803 - BOOM OFFSET CYLINDER INSTALLATION

1000181126



Ref.

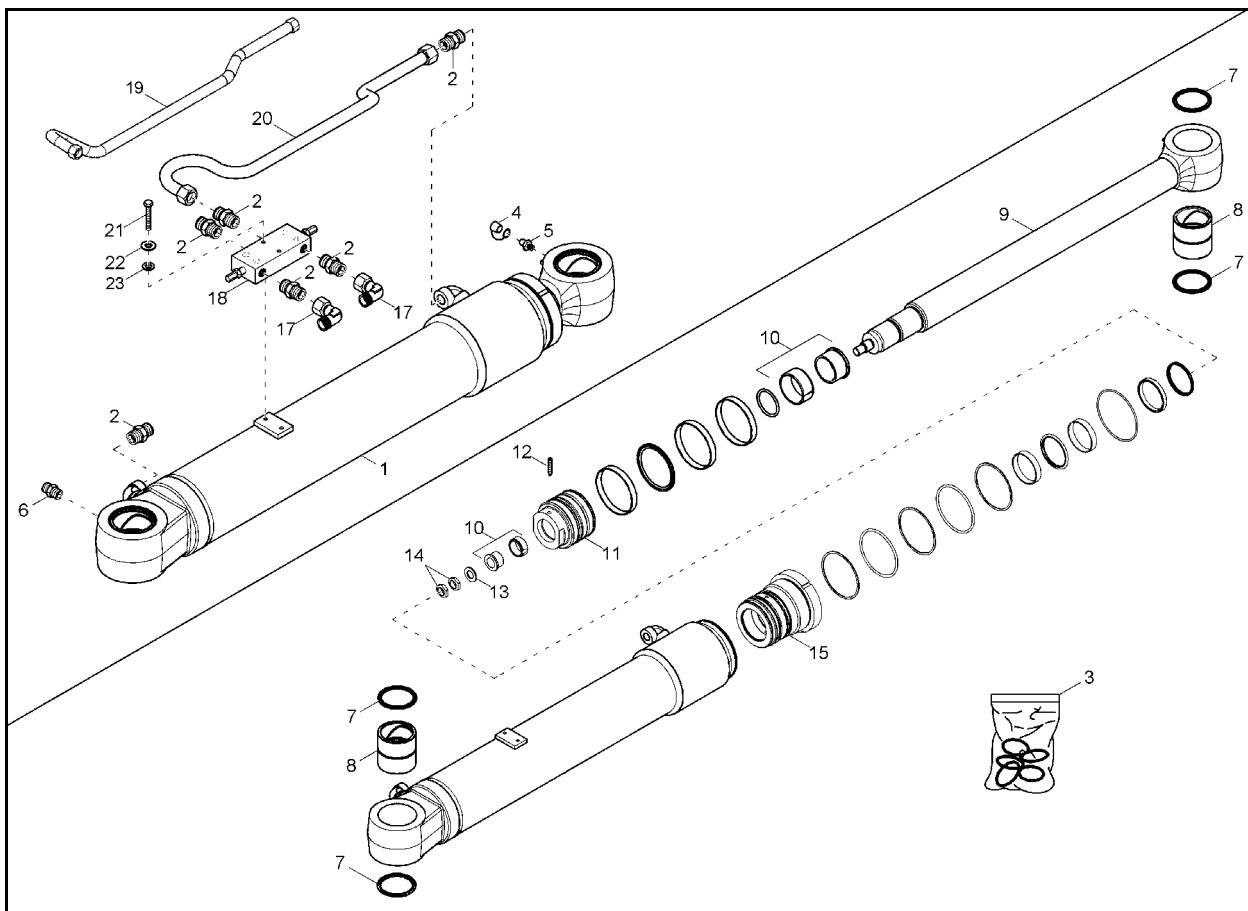
No.	Part No.	Description	Qty.
1	208333	HP HOSE	2
2	208334	HP HOSE	1
3	208335	HYDRAULIC PIPE (SN AD04051 and up)	1
4	205148	HYDRAULIC PIPE (SN AD04050 and before)	1

Ref.

No.	Part No.	Description	Qty.
5	162400	HP HOSE	1
6	177944	HP HOSE	2
7	177670	HP HOSE	2
8	163335	HP HOSE	1

803 - BOOM OFFSET CYLINDER

1000181127



Ref.

No. Part No.

Description

Qty.

1	177127	BOOM OFFSET CYLINDER	1
2	163352	FITTING	6
3	177119	CYLINDER SEAL KIT	1
4	161422	CAP	1
5	161412	GREASE ZERK-9MM HEX HEAD	1
6	161482	SCREW JOINT	1
7	161584	SEAL	4
8	177114	STEEL BUSHING	2
9	176977	PISTON ROD	1
10	176978	DAMPING	1
11	176973	PISTON	1
12	177035	THREAD PIN	1

Ref.

No. Part No.

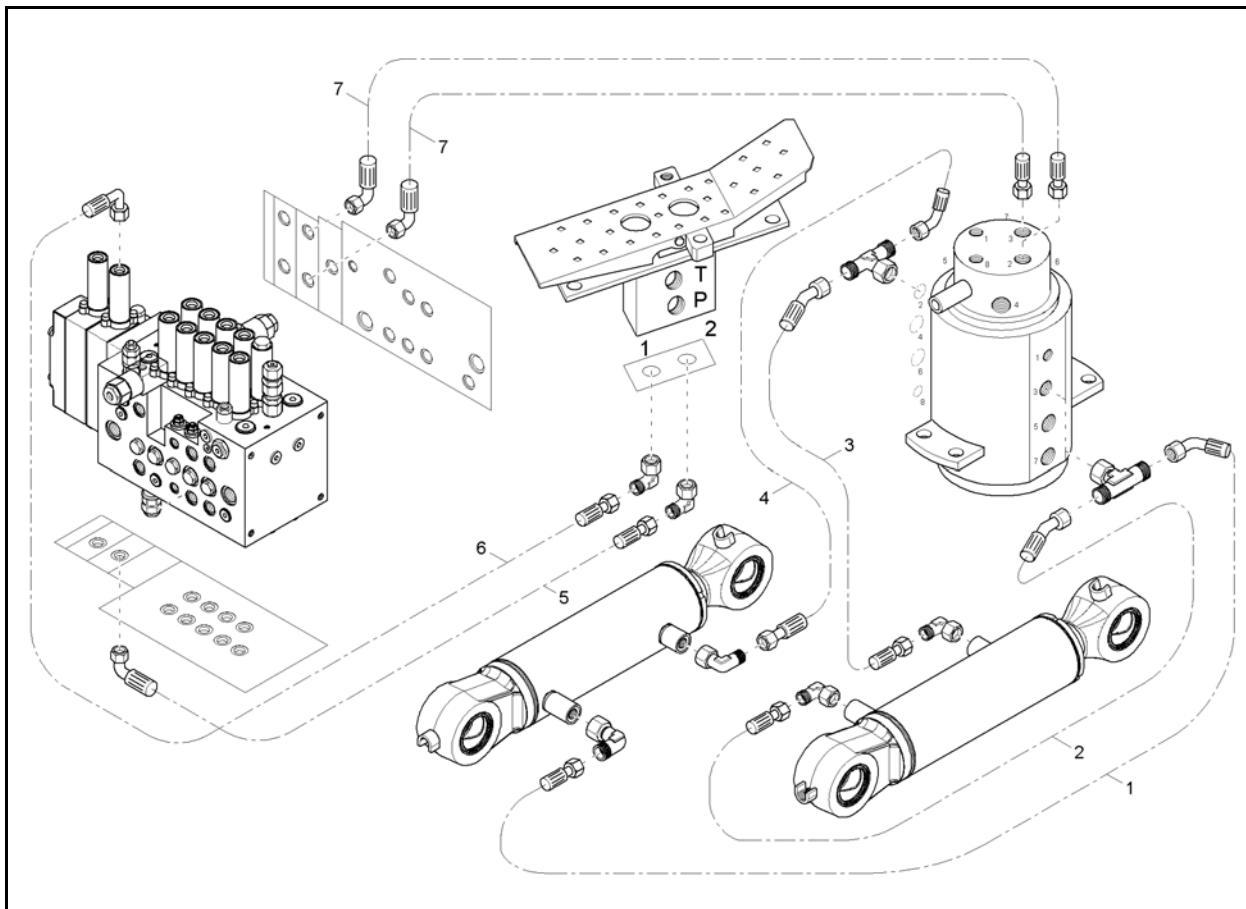
Description

Qty.

13	161652	WASHER/GR A 21 ZO DIN125	1
14	177032	HEXAGON NUT	2
15	176972	GUIDE BUSHING	1
17	163354	ELBOW	2
18	161156	VALVE	1
19	205148	HYDRAULIC PIPE (SN AD04051 and up)	1
20	208335	HYDRAULIC PIPE (SN AD04050 and before)	1
21	656154	CS M8-1.25X45 C8.8 ZY DIN931	2
22	163670	LOCKWASHER	2
23	163634	WASHER	2

803 - DOZER BLADE INSTALLATION

1000136642



Ref.

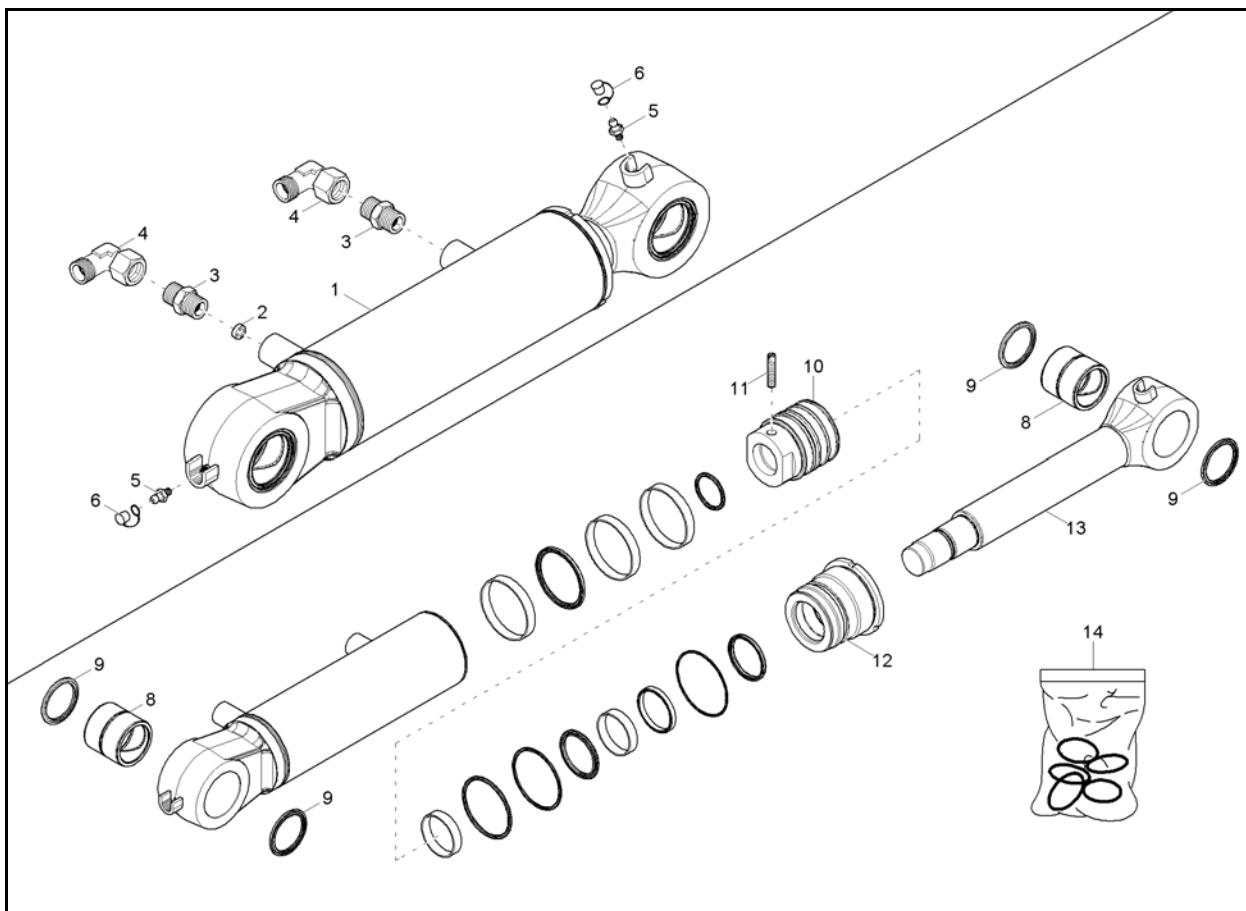
No.	Part No.	Description	Qty.
1	208293	HP HOSE	1
2	177194	HP HOSE	1
3	177193	HP HOSE	1
4	208294	HP HOSE	1

Ref.

No.	Part No.	Description	Qty.
5	179515	HP HOSE	1
6	208295	HP HOSE	1
7	208296	HP HOSE	2

803 - DOZER BLADE CYLINDER

1000132290



Ref.

No. Part No.

Description

Qty.

1	208228	DOZER BLADE CYLINDER	2
2	208365	HOSE BURST VALVE	2
3	163352	FITTING	4
4	163354	ELBOW	4
5	161412	GREASE ZERK-9MM HEX HEAD	4
6	161422	CAP	4
8	208231	STEEL BUSHING	4

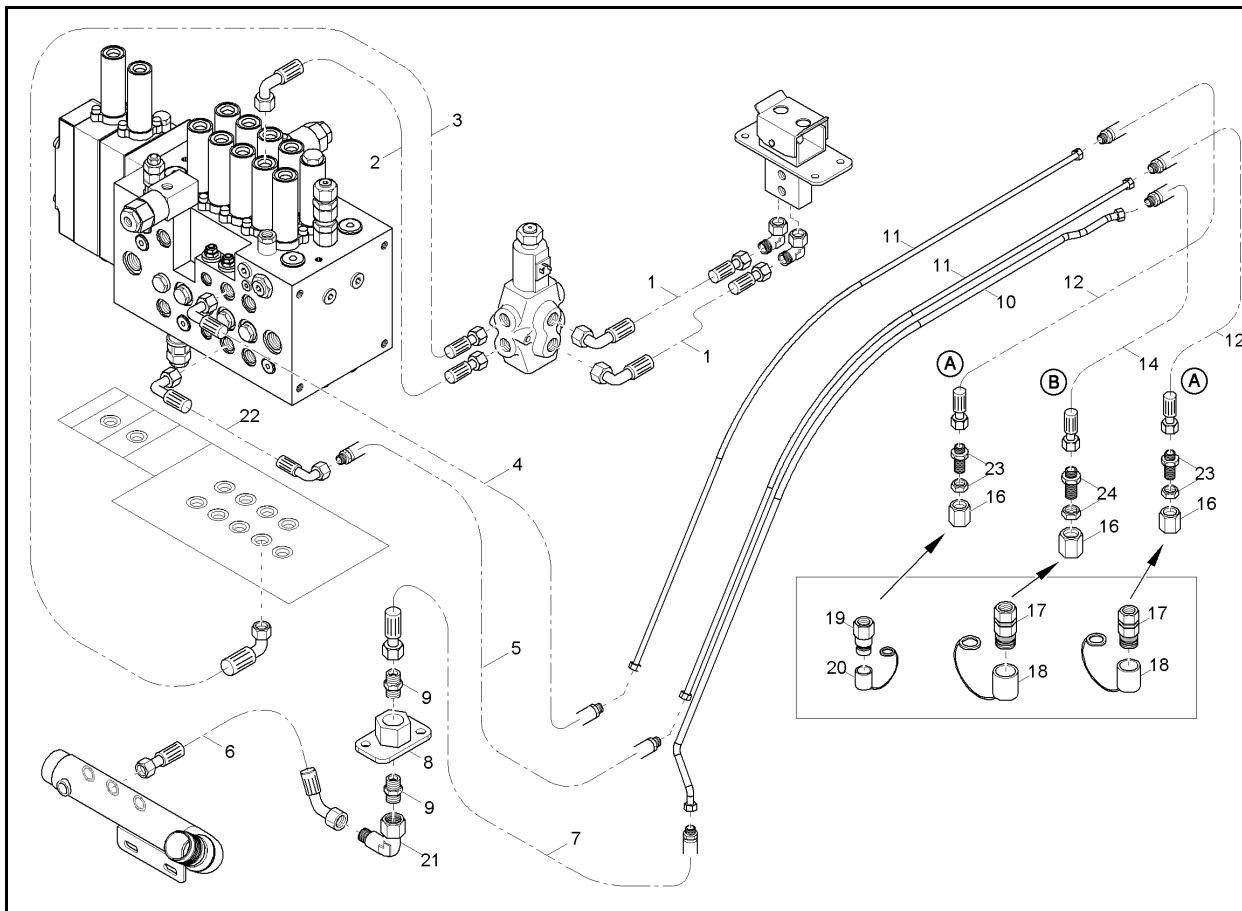
Ref.

No. Part No.

9	161589	PIN SEAL	8
10	208232	PISTON	2
11	177035	THREAD PIN	2
12	208233	GUIDE BUSHING	2
13	208234	PISTON ROD	2
14	208235	CYLINDER SEAL KIT	2

803 - AUXILIARY HYDRAULICS INSTALLATION

1000174031



Ref.

No.	Part No.	Description	Qty.
1	177670	HP HOSE	2
2	177673	HP HOSE	1
3	164794	HP HOSE	1
4	205111	HP HOSE	1
5	208312	HP HOSE	1
6	208313	HP HOSE	1
7	205112	HP HOSE	1
8	208314	BUSHING TUBE	1
9	161433	SCREW JOINT	2
10	208315	PIPE LINE	1
11	208316	PIPE LINE	2
12	*	HP HOSE	2

Ref.

No.	Part No.	Description	Qty.
14	*	HP HOSE	1
16	164944	PLUG	3
17	177796	COUPLING/FEMALE A17 3/4	2
18	177805	CAP	2
19	177204	COUPLING/MALE A17 3/4	1
20	177203	CAP	1
21	161472	90° FITTING	1
22	205113	HP HOSE	1
23	164943	SCREW JOINT	2
24	177006	LOCK SCREW CONNECTION	1

* See the following page for proper hose identification.

803 - AUXILIARY HYDRAULICS INSTALLATION
1000174031

Use the following tables to determine proper hose identification.

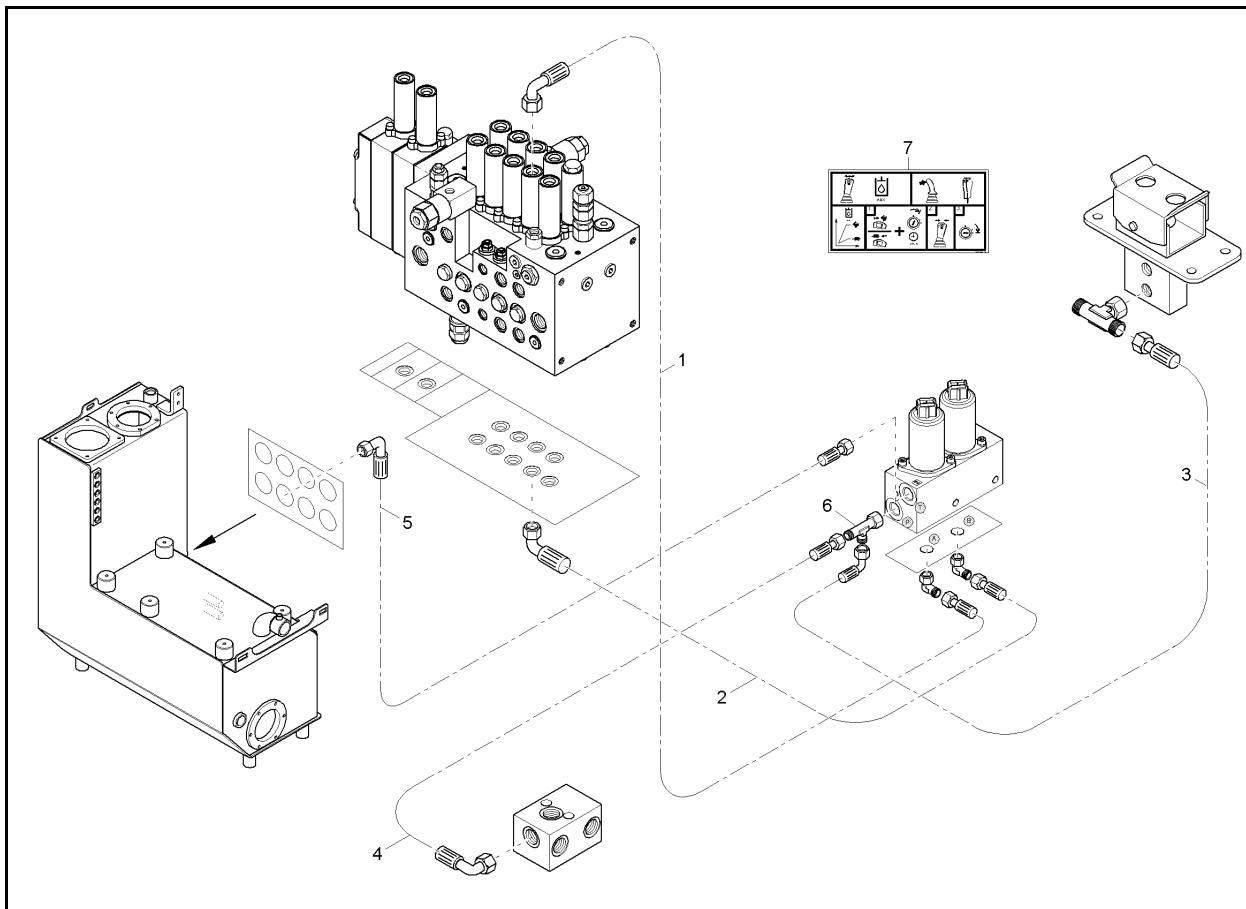
LONG DIPPER ARM			
Position	Hose Length	Part No.	Description
A	37"	204672	HP HOSE
A	51"	204691	HP HOSE
B	39"	204673	HP HOSE
B	51"	204692	HP HOSE

SHORT DIPPER ARM			
A	37"	204672	HP HOSE
A	39"	204689	HP HOSE
B	39"	204673	HP HOSE
B	41"	204690	HP HOSE

A - Pressure Hose B - Return Hose

803 - PROPORTIONAL CONTROL (OPTION)

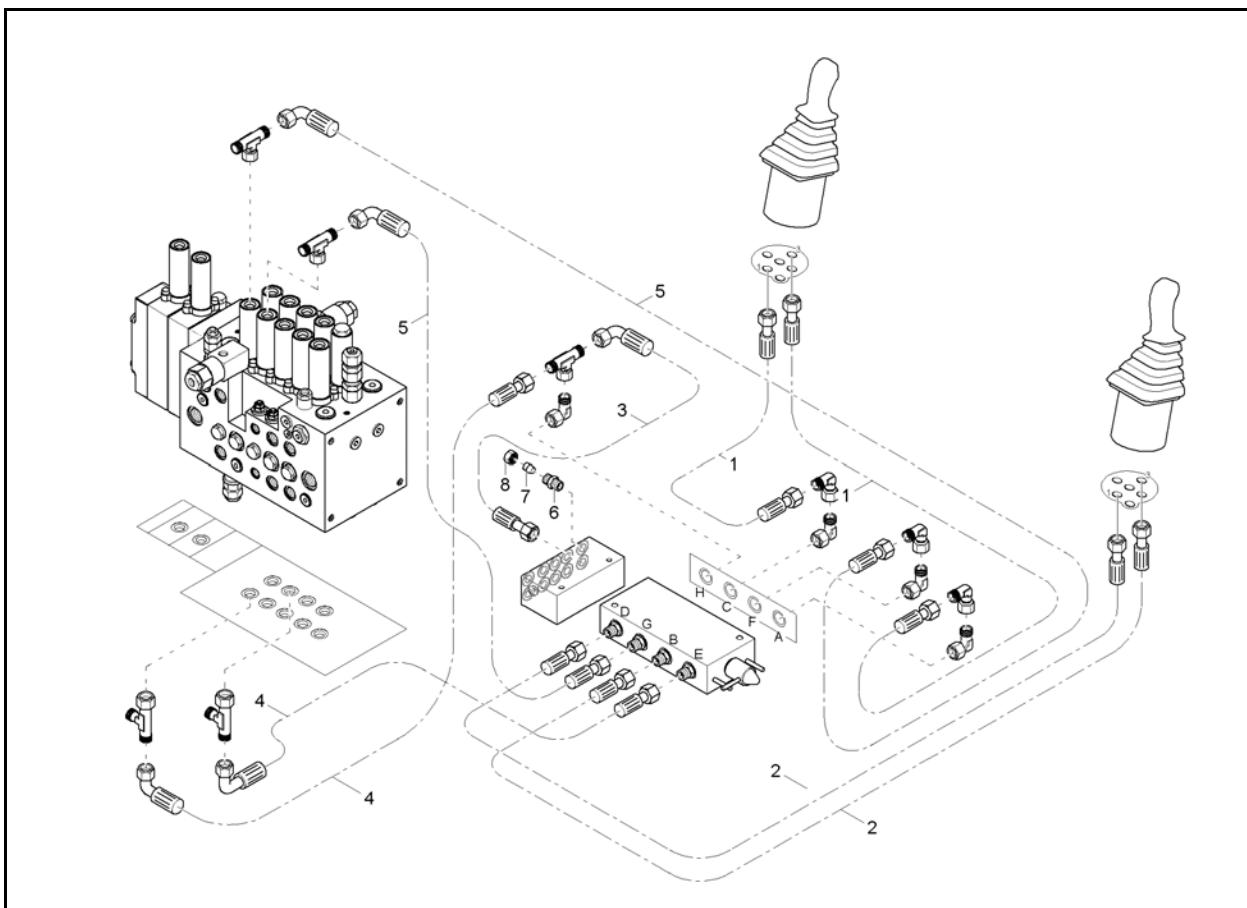
1000168429 - (SN AD04685 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177673	HP HOSE	1	5	161238	HP HOSE	1
2	164794	HP HOSE	1	6	161448	TEE	1
3	177672	HP HOSE	1	7	205172	DECAL - PROPORTIONAL CONTROL	1
4	161276	HP HOSE	1				

803 - ISO/SAE VALVE INSTALLATION

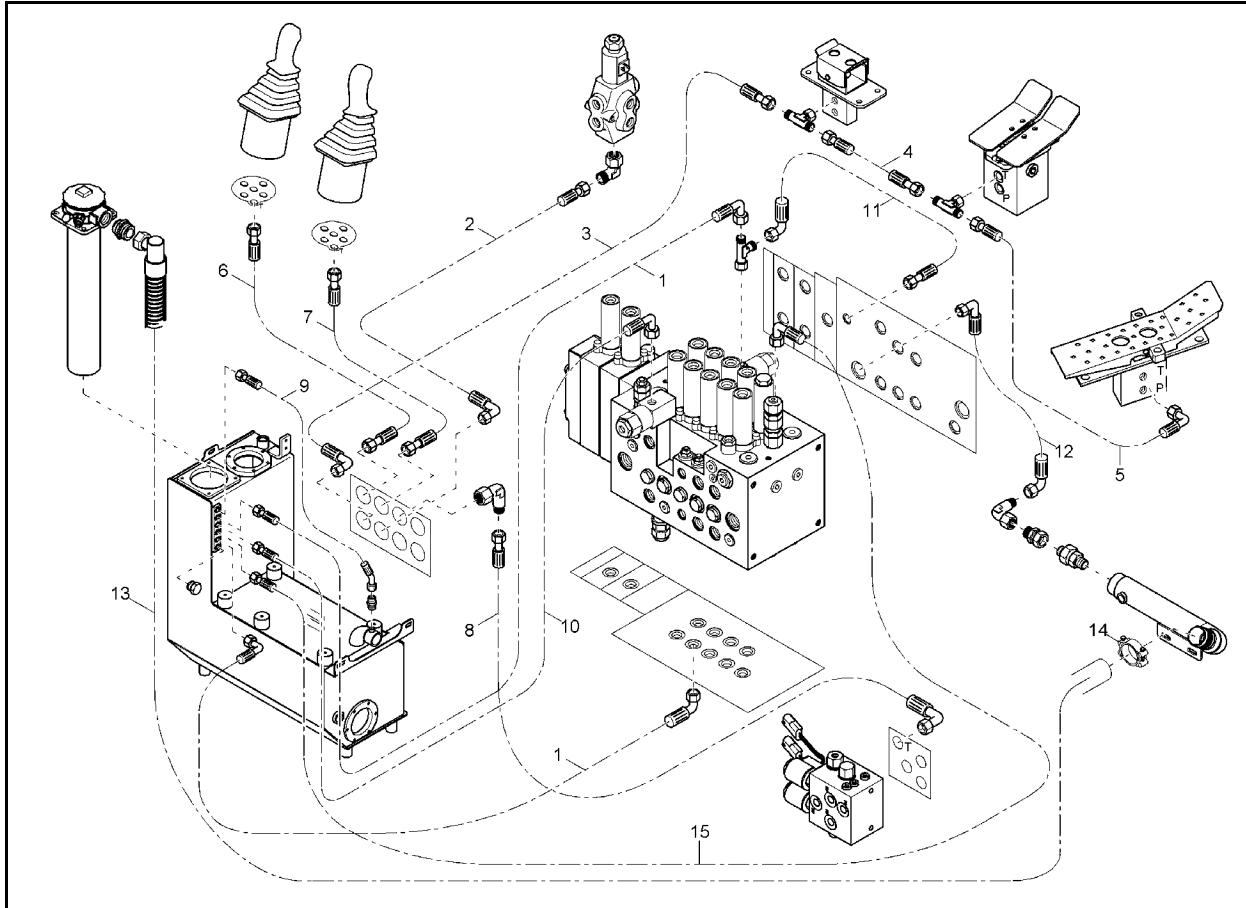
1000137047



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179522	HP HOSE	2	5	177674	HP HOSE	2
2	177069	HP HOSE	2	6	161426	SCREW JOINT	1
3	177672	HP HOSE	1	7	164927	PLUG	1
4	161221	HP HOSE	2	8	164929	NUT	1

803 - HYDRAULIC TANK HOSES

1000180374 - (SN AH00611 AND UP)



Ref.

No. Part No.

Description

Qty.

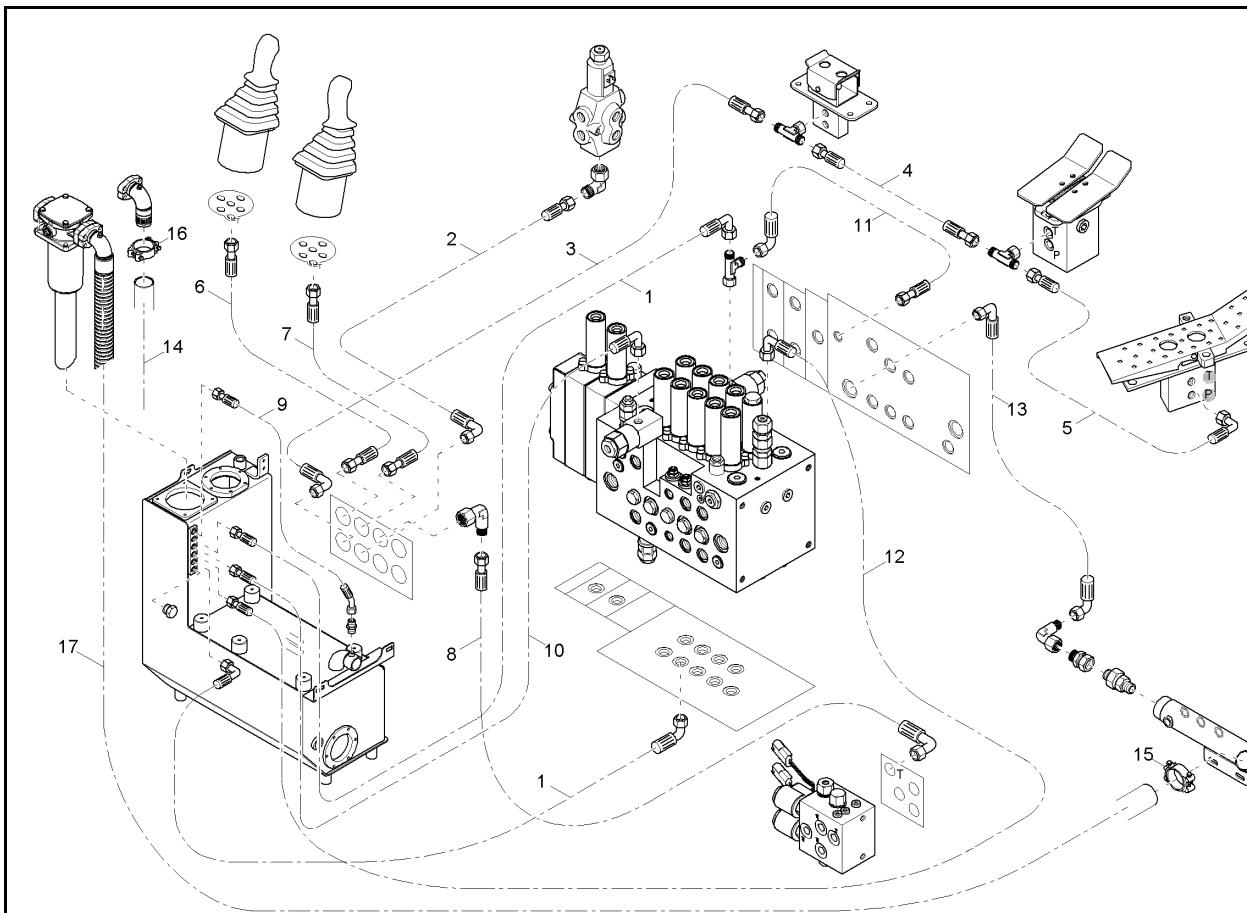
1	177672	HP HOSE	2
2	161238	HP HOSE	1
3	161220	HP HOSE	1
4	177229	HP HOSE	1
5	177671	HP HOSE	1
6	177856	HP HOSE	1
7	178512	HP HOSE	1
8	161350	HP HOSE	1

Ref.

No. Part No.

9	176994	HP HOSE	1
10	177671	HP HOSE	1
11	161237	HP HOSE	1
12	208320	HP HOSE	1
13	203405	RETURN HOSE	1
14	208322	HOSE CLAMP	1
15	162957	HP HOSE	1

803 - HYDRAULIC TANK HOSES
1000136923 - (SN AD07187 AND BEFORE)



Ref.

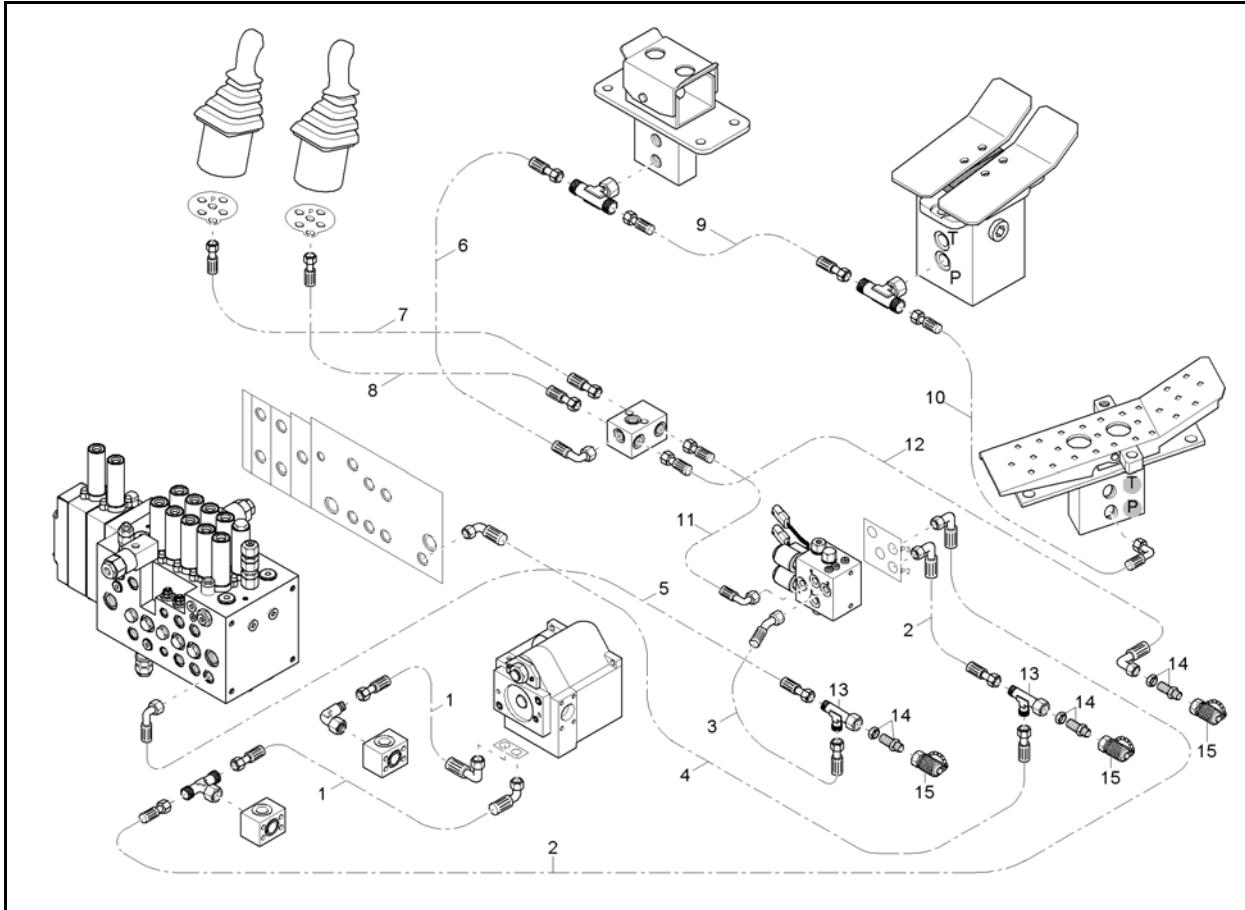
No.	Part No.	Description	Qty.
1	177672	HP HOSE	2
2	161238	HP HOSE	1
3	161220	HP HOSE	1
4	177229	HP HOSE	1
5	177671	HP HOSE	1
6	177856	HP HOSE	1
7	178512	HP HOSE	1
8	161350	HP HOSE	1
9	176994	HP HOSE	1
10	177671	HP HOSE	1

Ref.

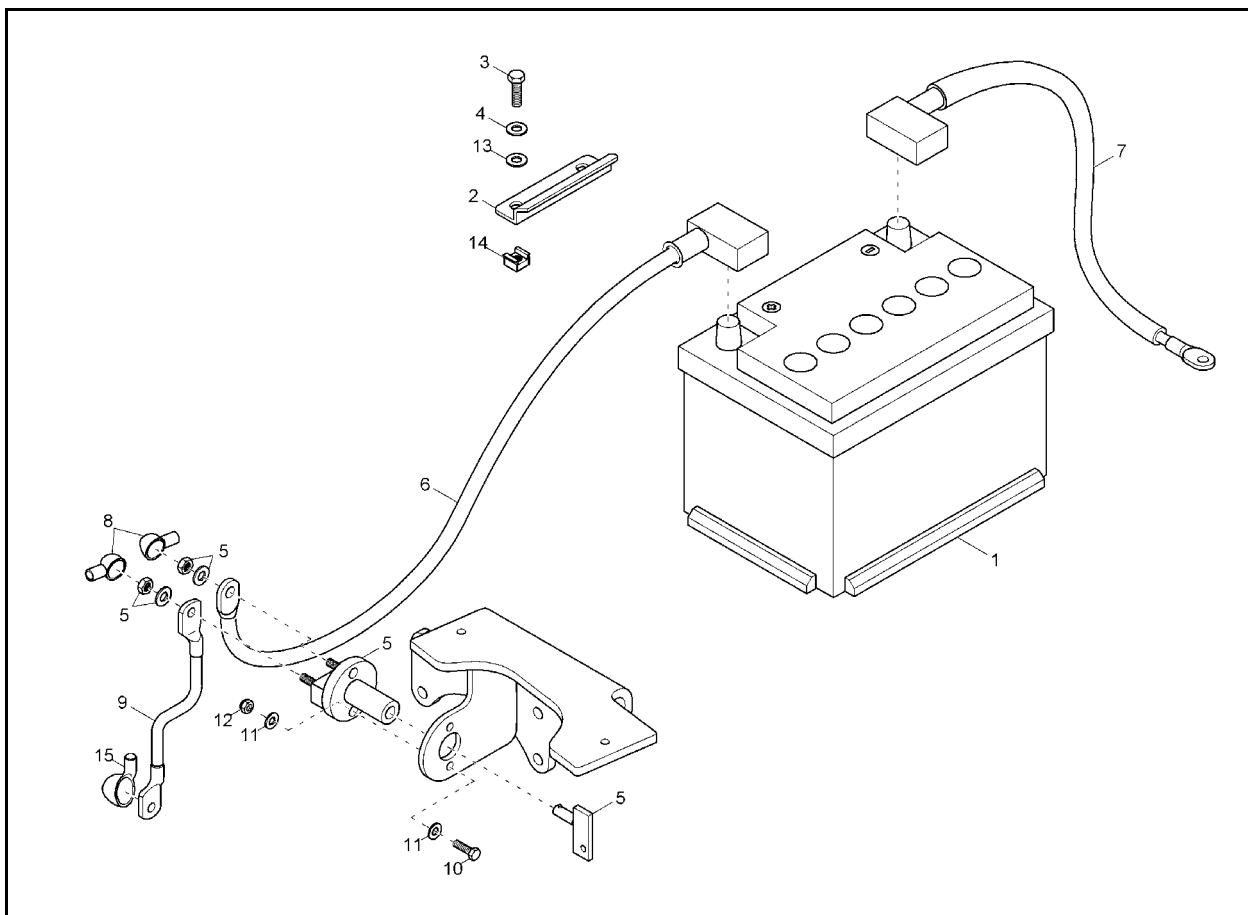
No.	Part No.	Description	Qty.
11	161237	HP HOSE	1
12	162957	HP HOSE	1
13	208320	HP HOSE	1
14	206869	RETURN HOSE (SN AD03256 and before)	1
15	208322	HOSE CLAMP	1
16	208322	HOSE CLAMP (SN AD03256 and before)	1
17	208321	RETURN HOSE (SN AD03257 and up)	1

803 - PILOT PRESSURE HOSES

1000137117



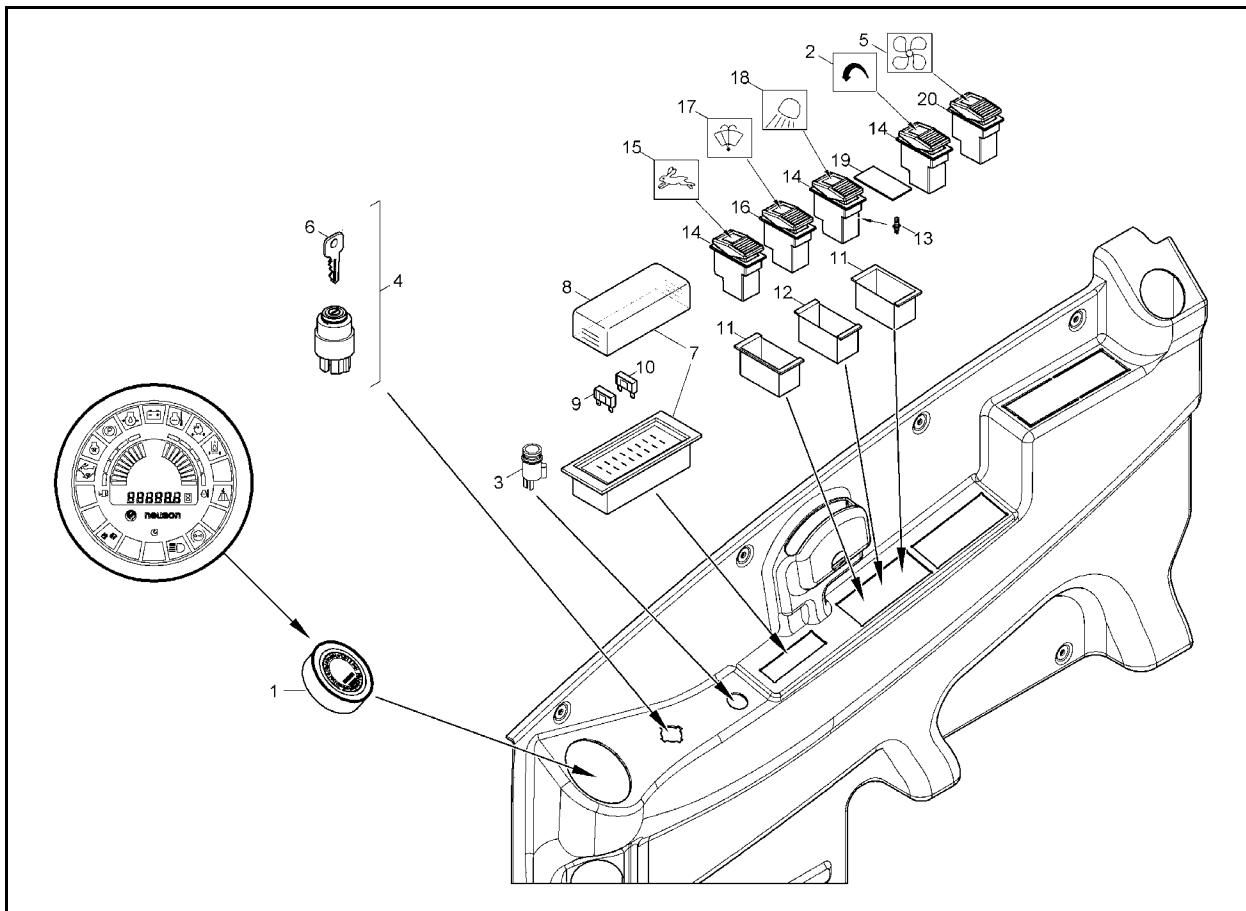
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179530	HP HOSE	2	9	177229	HP HOSE	1
2	161268	HP HOSE	2	10	177671	HP HOSE	1
3	161261	HP HOSE	1	11	208342	HP HOSE	1
4	208341	HP HOSE	1	12	161230	HP HOSE	1
5	161233	HP HOSE	1	13	161448	TEE	2
6	161276	HP HOSE	1	14	177215	CONNECTOR	3
7	163290	HP HOSE	1	15	0003638466	TEST PORT	3
8	177856	HP HOSE	1				



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.	
1	*	BATTERY	1	9	177540	BATTERY CABLE - SHORT POS.	1	
2	165036	BRACKET	1	10	651424	CS M6-1X20 C8.8 ZY DIN931	2	
3	177648	HEX SCREW	2	11	161660	WASHER GR A6.4 ZO DIN 125	4	
4	163670	LOCKWASHER	2	12	651457	LN INS M6-1 C8 ZY DIN6924	2	
5	160549	SHUT OFF SWITCH & KEY	1	13	7462680011	WASHER 8.4 ST A2C	2	
6	177539	BATTERY CABLE - LONG POS.	1	14	161615	NUT/CAGE M8	2	
7	203548	GROUND CABLE	1	15	205674	PROTECTING CAP	1	
8	161994	CAP	2	* Purchase locally. Group size 49 (alt. 93); 680 CCA.				

803 - DASHBOARD

1000180335 - (SN AH00611 AND UP)



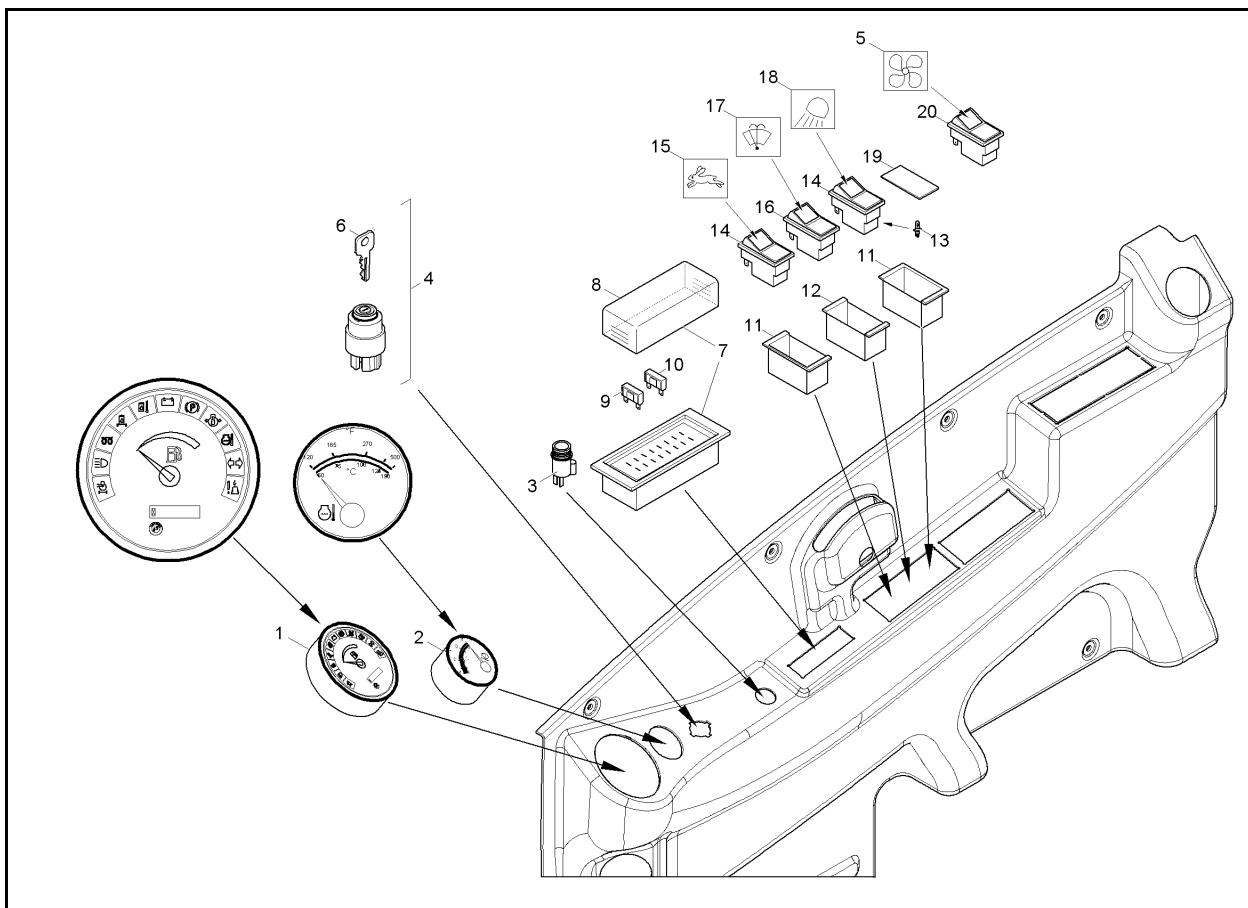
Ref.

No.	Part No.	Description	Qty.
1	203406	INSTRUMENT CLUSTER	1
2	203407	SPEED CONTROL SYMBOL	1
3	164696	CIGARETTE LIGHTER	1
4	0003331306	PREHEATING START SWITCH W/KEY	1
5	164708	VENTILATION FAN SYMBOL	1
6	101792	KEY (W/O LOCK)	1
7	177976	FUSE BOX	1
8	177977	COVER/FUSE BOX	1
9	161374	FUSE 10 A	5
10	161375	FUSE 15 A	3

Ref.

No.	Part No.	Description	Qty.
11	209196	FRAME	4
12	209197	FRAME	6
13	177646	BULB	5
14	164883	LIGHT SWITCH	3
15	164710	HIGH SPEED SYMBOL	1
16	164881	WINDSHIELD WIPER SWITCH	1
17	164709	WIPER SYMBOL	1
18	164879	WORK LIGHT SYMBOL	1
19	0003320872	BLANK	5
20	164884	ROCKER SWITCH - 2 POSITION	1

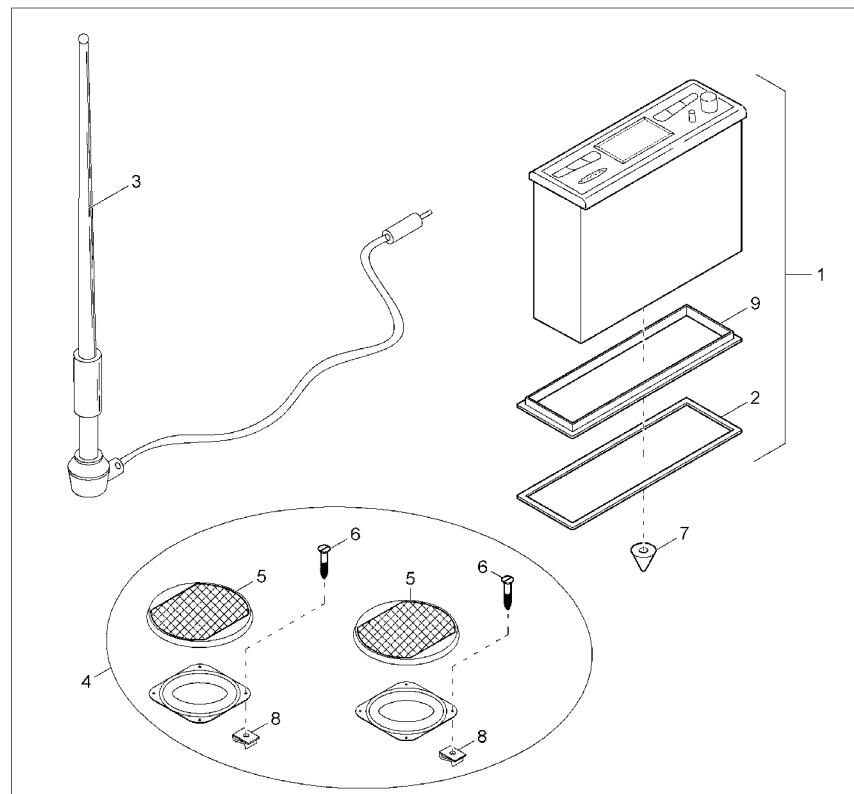
803 - DASHBOARD
1000129519 - (SN AD07187 AND BEFORE)



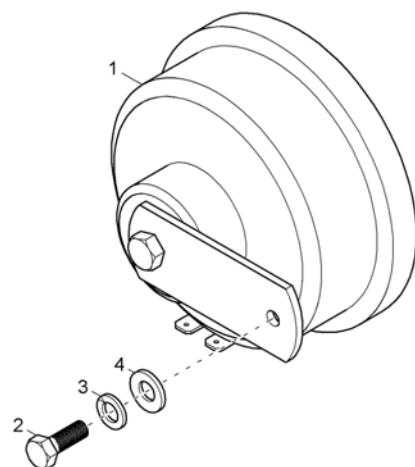
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177095	INSTRUMENT CLUSTER	1	11	209196	FRAME	4
2	177667	TEMPERATURE GAUGE	1	12	209197	FRAME	6
3	164696	CIGARETTE LIGHTER	1	13	177646	BULB	4
4	000331306	PREHEATING START SWITCH W/KEY	1	14	164883	LIGHT SWITCH	2
5	164708	VENTILATION FAN SYMBOL	1	15	164710	HIGH SPEED SYMBOL	1
6	101792	KEY (W/O LOCK)	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

803 - RADIO (OPTION)

1000124557



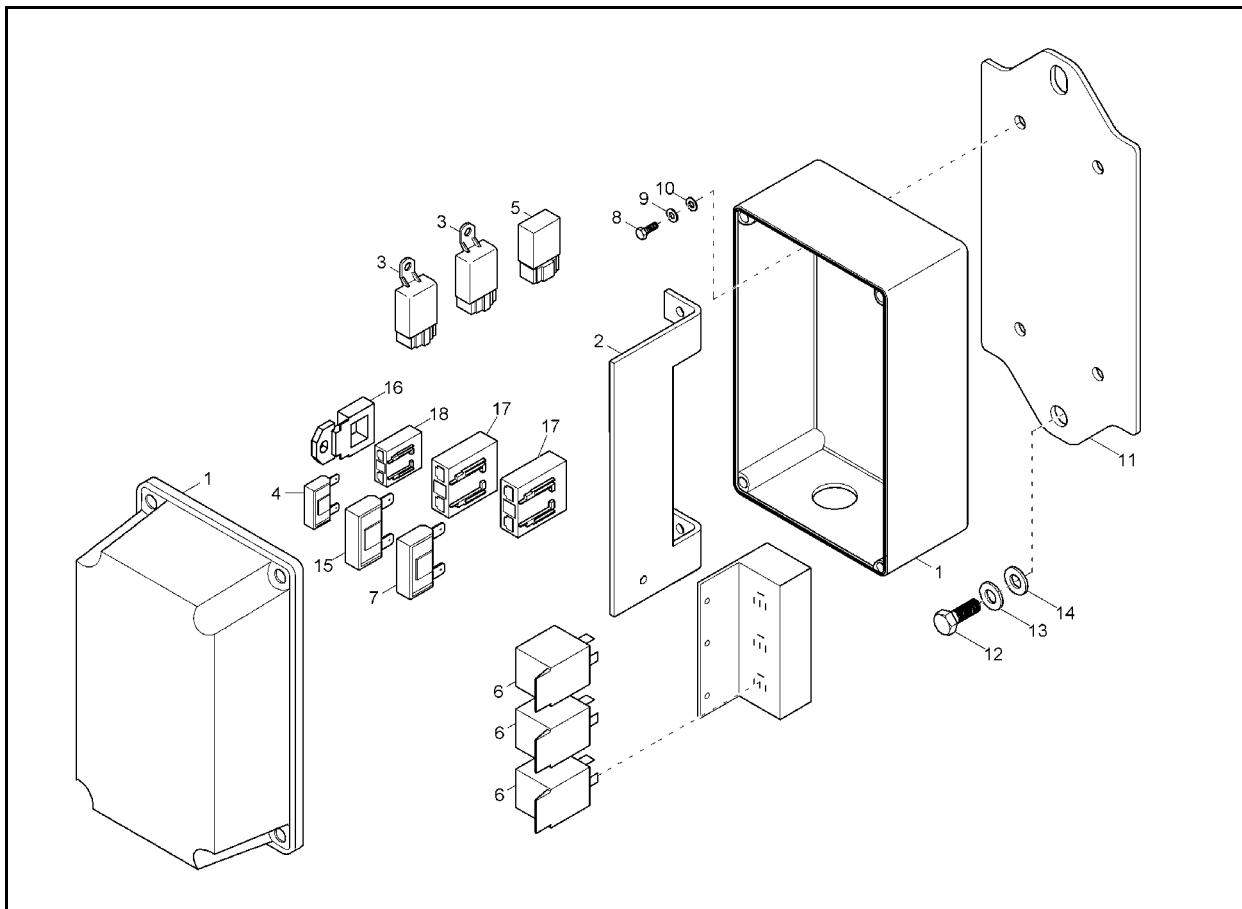
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	201839	RADIO	1	6	162035	SCREW	8	
2	164187	FRAME	1	7	178107	RUBBER BUFFER	1	
3	162839	ANTENNA	1	8	164683	NUT	8	
4	165204	SPEAKER KIT *	2	9	205940	FRAME	1	
5	206003	SPEAKER COVER	2	* Includes quantity of 2 speakers.				



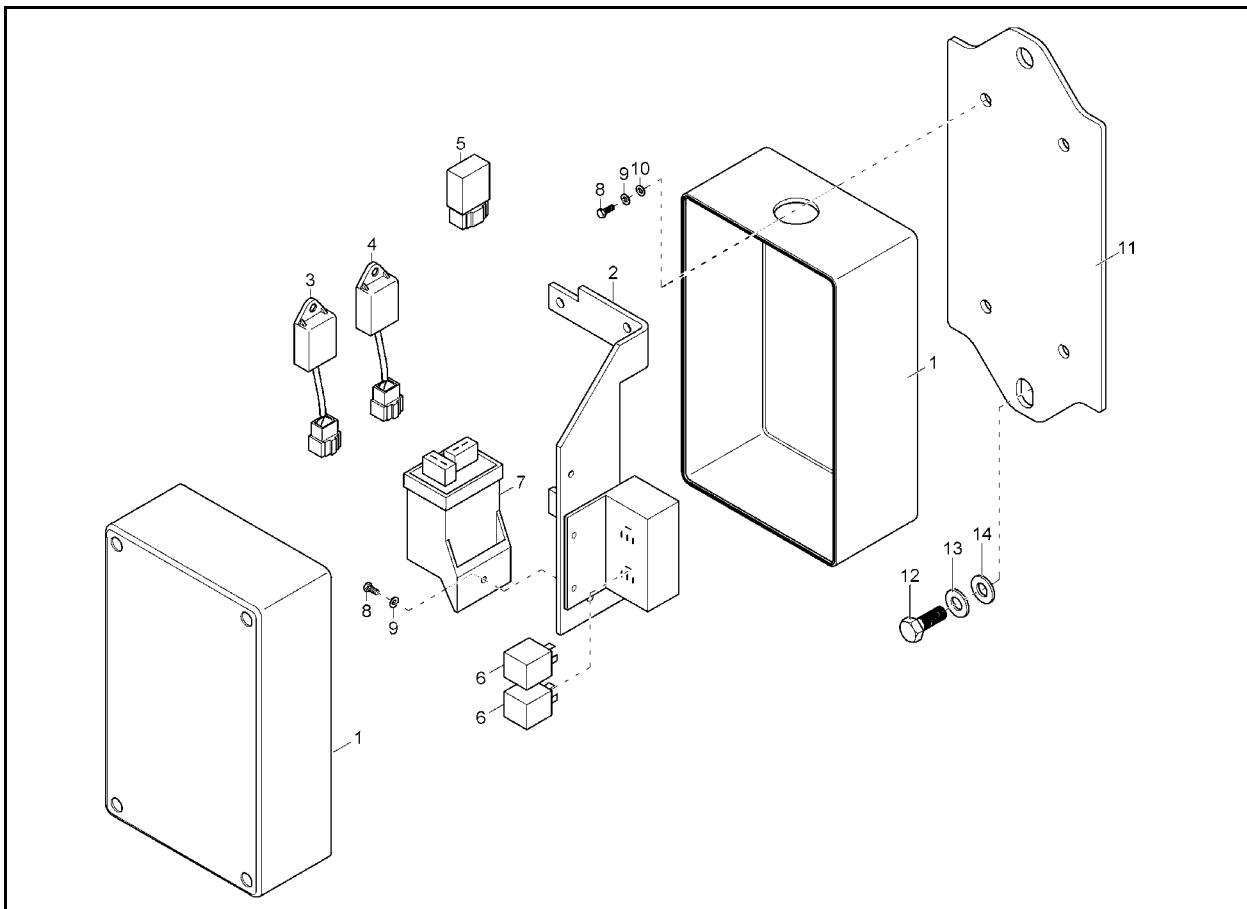
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	161366	HORN		1	3	163670	LOCKWASHER		1
2	656093	CS M8-1.25X16 C8.8 ZO		1	4	163634	FLATWASHER		1

803 - RELAY BOX

1000182935 - (SN AH00611 AND UP)



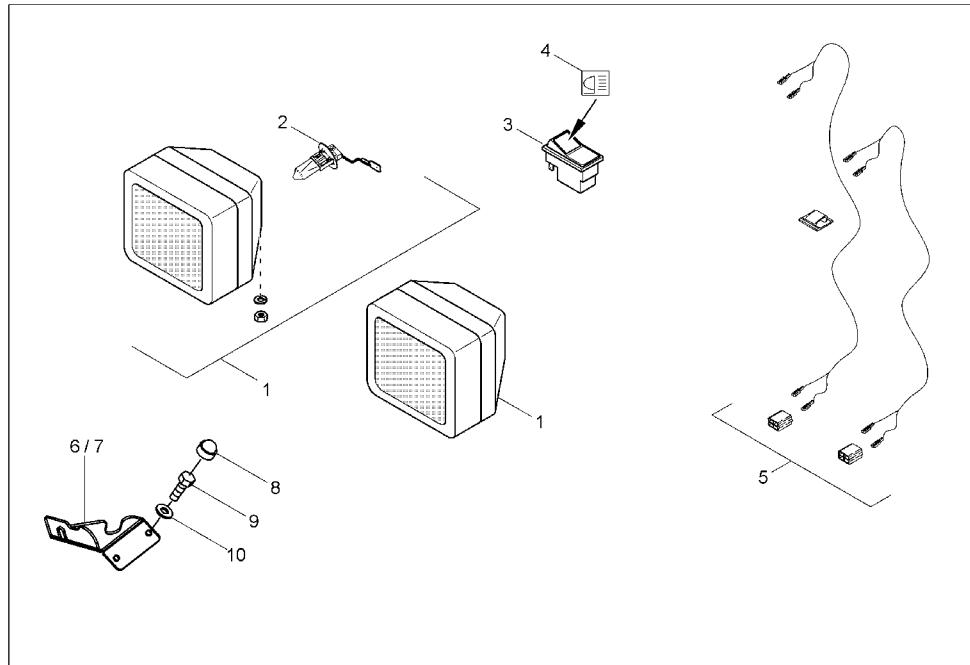
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203408	HOUSING		10	161665	WASHER/GR A 5.3	4
2	177887	BRACKET/RELAY	1	11	205101	BRACKET RELAY BOX	1
3	203409	RELAY	2	12	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
4	161374	FUSE 10 A	1	13	161669	LOCKWASHER S10	2
5	177647	DIODE	1	14	161640	WASHER/GR A 10.5	2
6	177222	RELAY 70 A	3	15	162838	FUSE 40 A	1
7	161998	FUSE - 50 A	1	16	0003330022	CONNECTING STRAP (1-BORE)	1
8	206436	HEX SCREW	5	17	0003330440	SUPPORT	2
9	161674	LOCKWASHER S16	5	18	0003330540	SUPPORT	1



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

803 - CAB WORK LIGHTS - FRONT (OPTION)

1000135614 - (CAB SN 50947 AND UP)



Ref.

No. Part No.

Description

Qty.

1	160537	WORK LIGHT COMPLETE (Includes Ref. No. 2) See page 113 for individual components	2
2	161367	HALOGEN BULB	2
3	164884	ROCKER SWITCH - 2 POSITION	1
4	164871	WORK LIGHT SYMBOL	1
5	178708	CABLE	1

Ref.

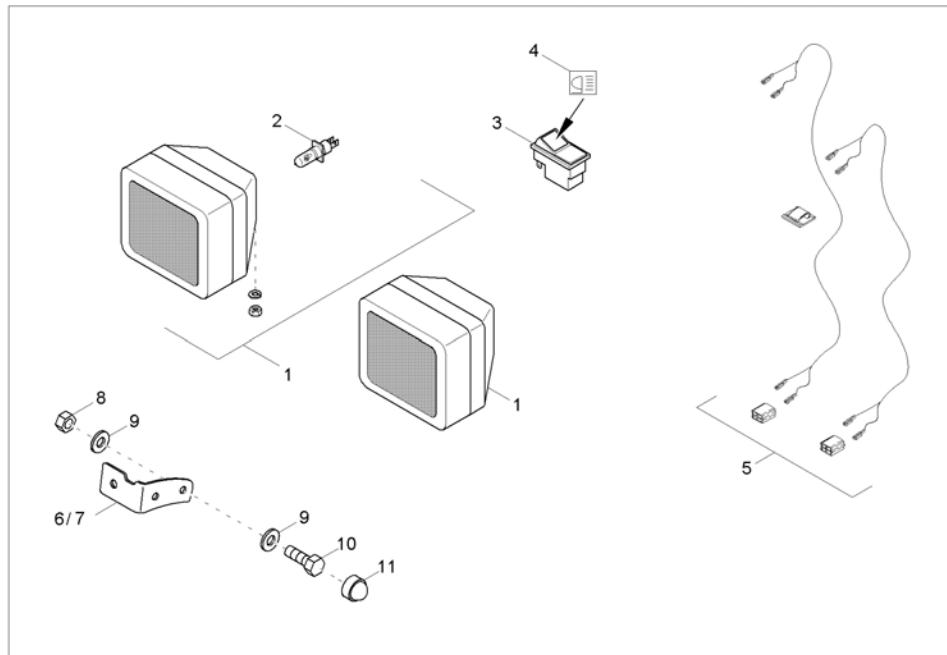
No. Part No.

Description

Qty.

6	208279	BRACKET/HEADLIGHT LT	1
7	208280	BRACKET/HEADLIGHT RT	1
8	162737	COVER	4
9	656092	CS M6-1X12 C8.8 ZY	4
10	162924	WASHER	4

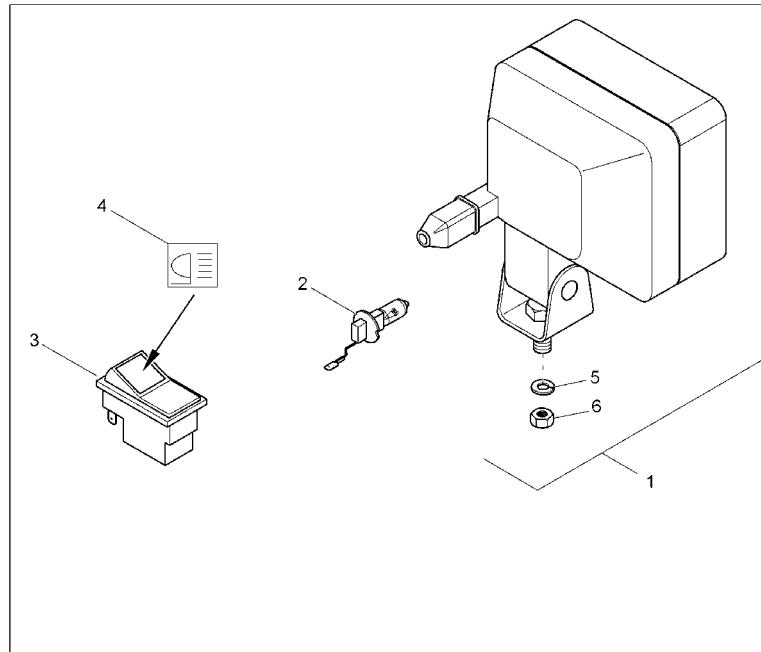
803 - CAB WORK LIGHTS - FRONT (OPTION)
1000124321 - (CAB SN 50946 AND BEFORE)



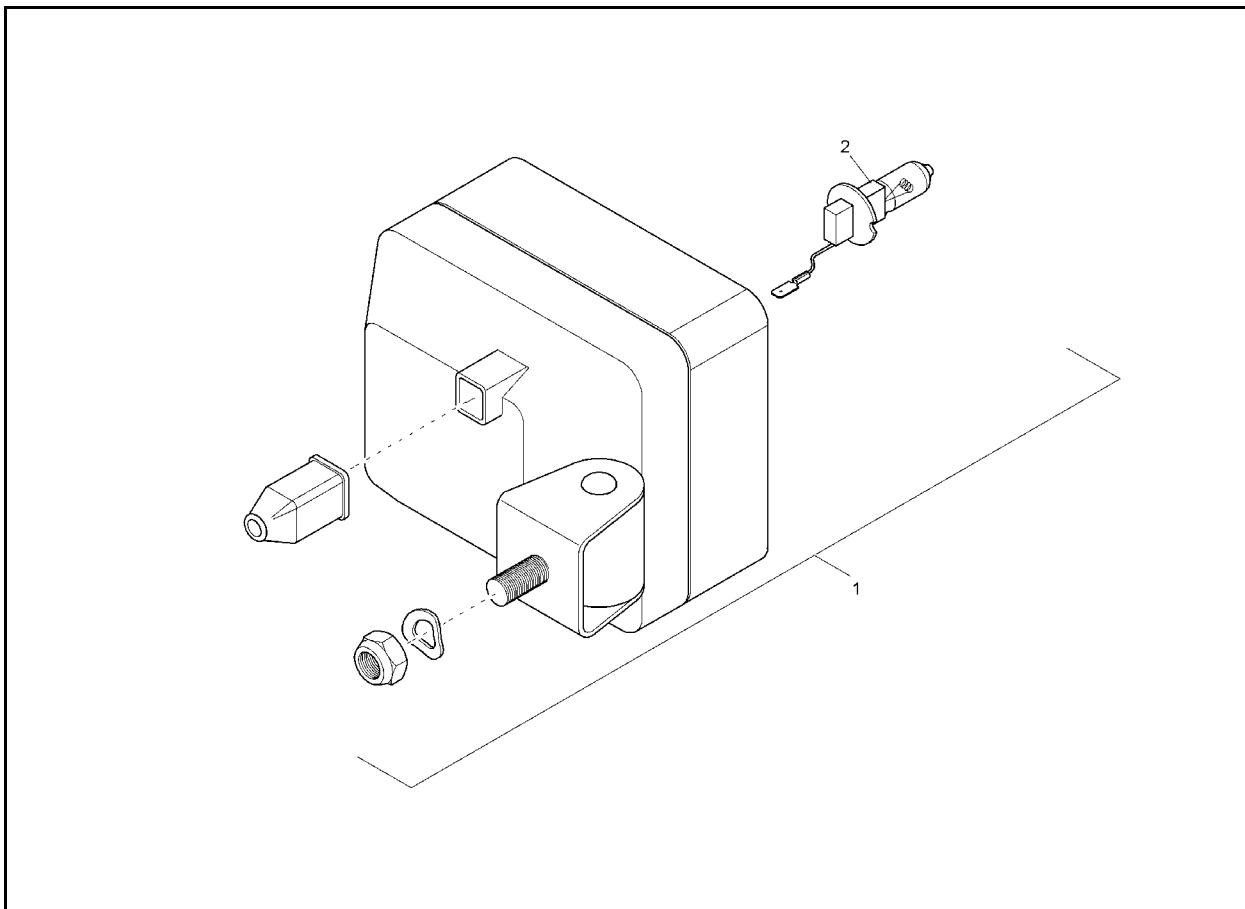
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE (Includes Ref. No. 2) See page 113 for individual components	2	6	178063	WORK LIGHT BRACKET/LT	1
2	161367	HALOGEN BULB	2	7	178064	WORK LIGHT BRACKET/RT	1
3	164884	ROCKER SWITCH - 2 POSITION	1	8	651458	LN INS M8-1.25 C8 ZY	4
4	164871	WORK LIGHT SYMBOL	1	9	161668	WASHER/GR A 8.4 ZO DIN134	4
5	178708	CABLE	1	10	177648	HEX SCREW	4
				11	165052	COVER	4

803 - CAB WORK LIGHT - REAR (OPTION)

1000124310



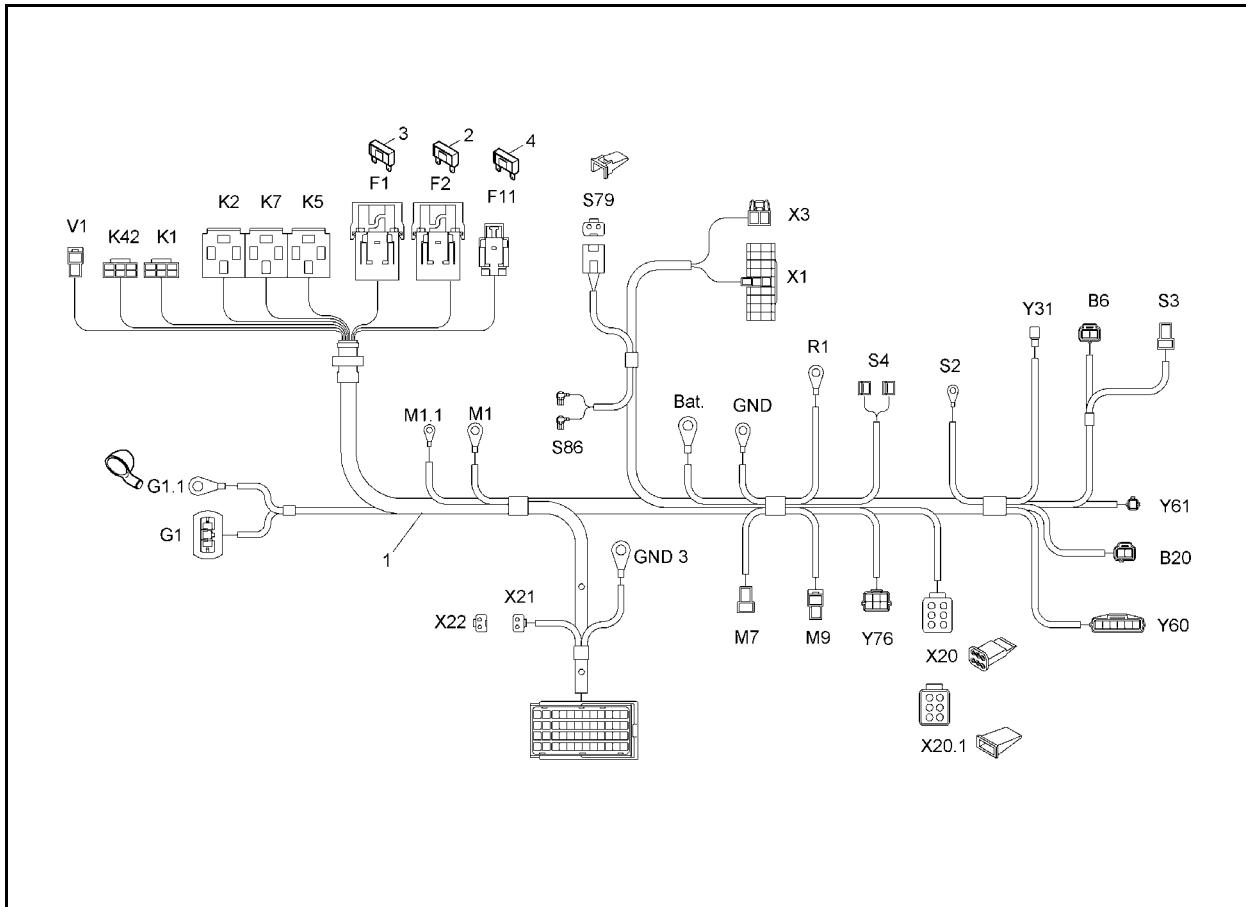
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	160537	WORK LIGHT COMPLETE (Includes Ref. Nos. 2, 5 & 6) See page 113 for individual components	1	4	164871	WORK LIGHT SYMBOL	1
2	161367	HALOGEN BULB	1	5	161623	LW SPRING B10 DIN7981	1
3	164884	ROCKER SWITCH - 2-POSITION	1	6	651448	LN INS M10-1.5 C8 ZY DIN6924	1



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				

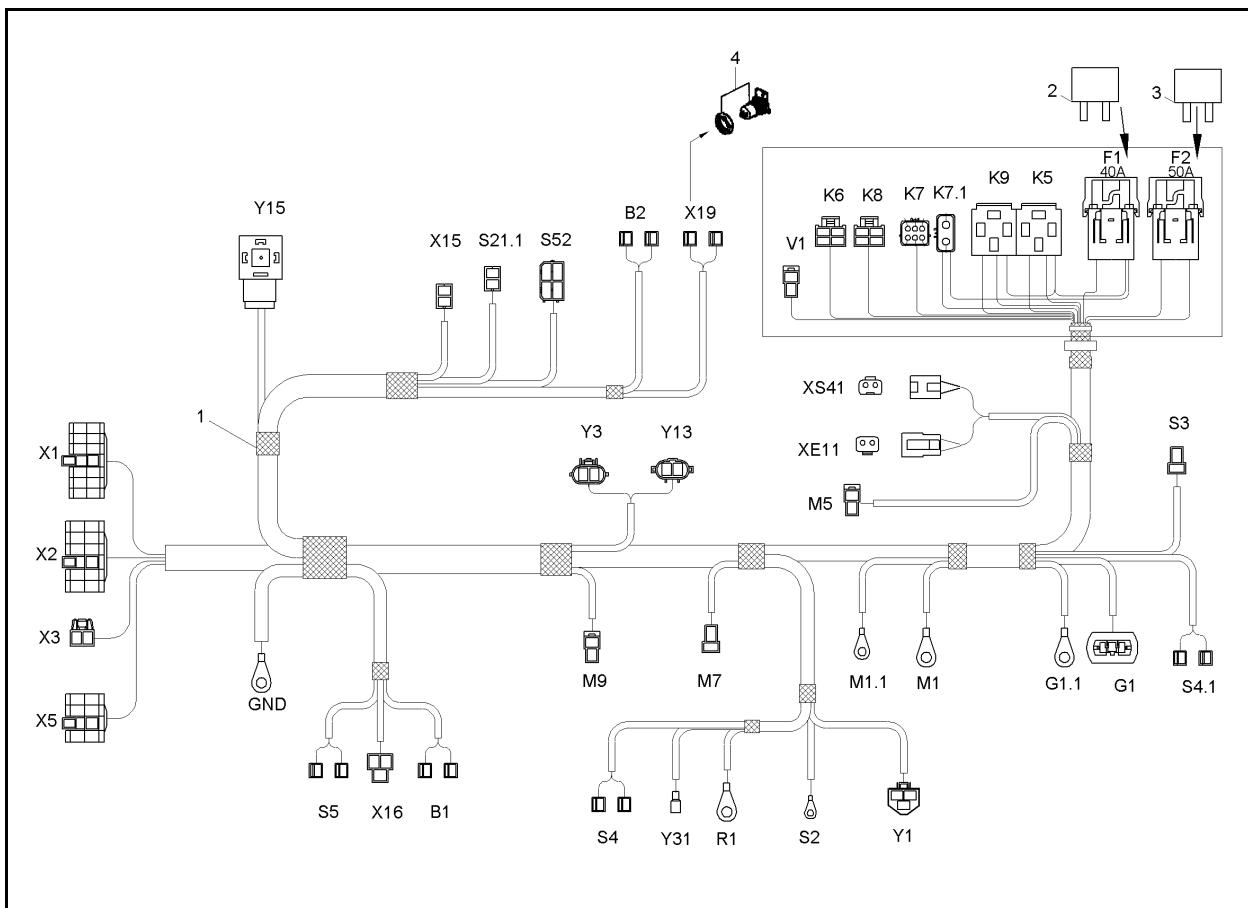
803 - WIRE HARNESS - ENGINE

1000180586 - (SN AH00611 AND UP)



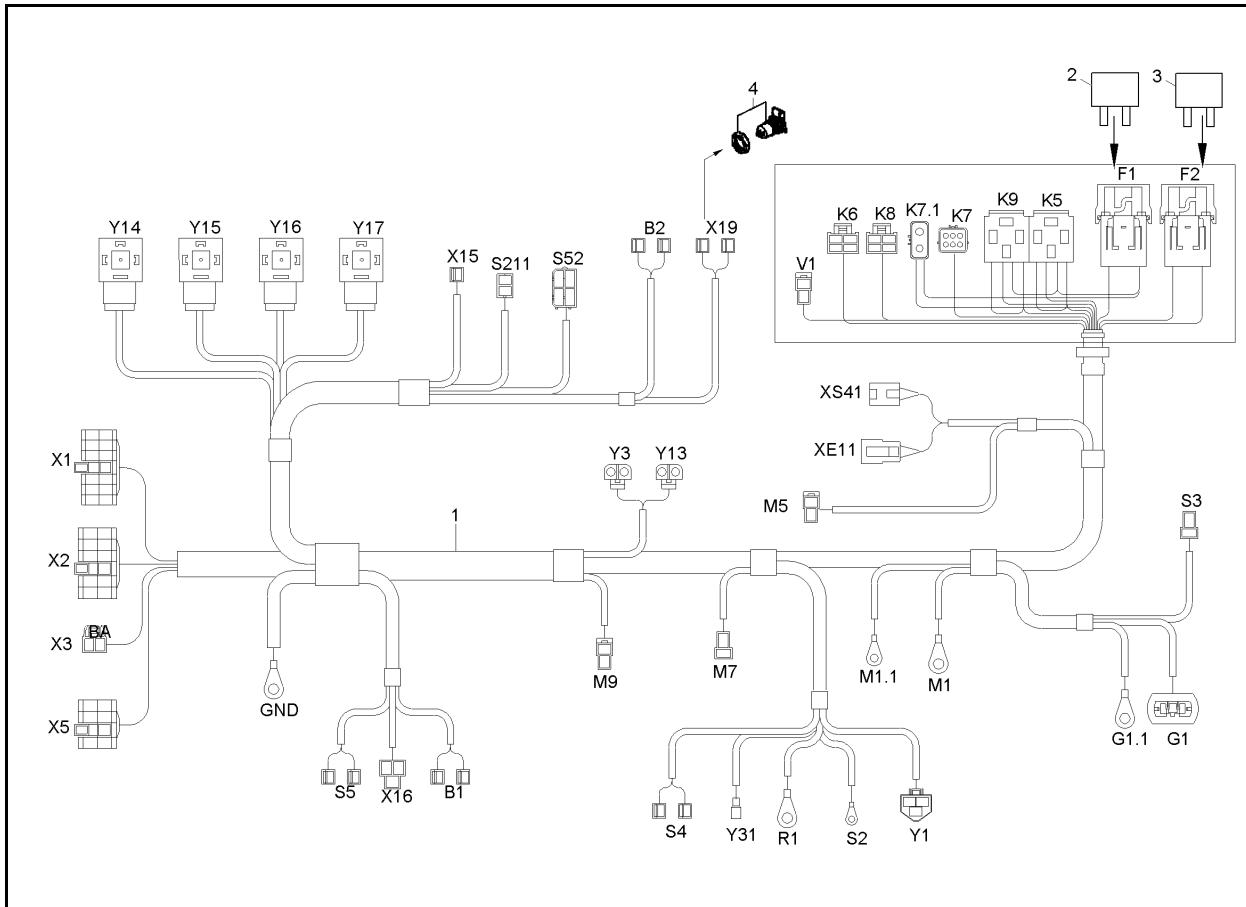
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203410		WIRE HARNESS/ENGINE	1	3	161998	FUSE 50 A		1
2	162838		FUSE 40 A	1	4	161374	FUSE 10 A		1

803 - WIRE HARNESS - CHASSIS, ENGINE
1000158042 - (SN AD04929 - AD07125)



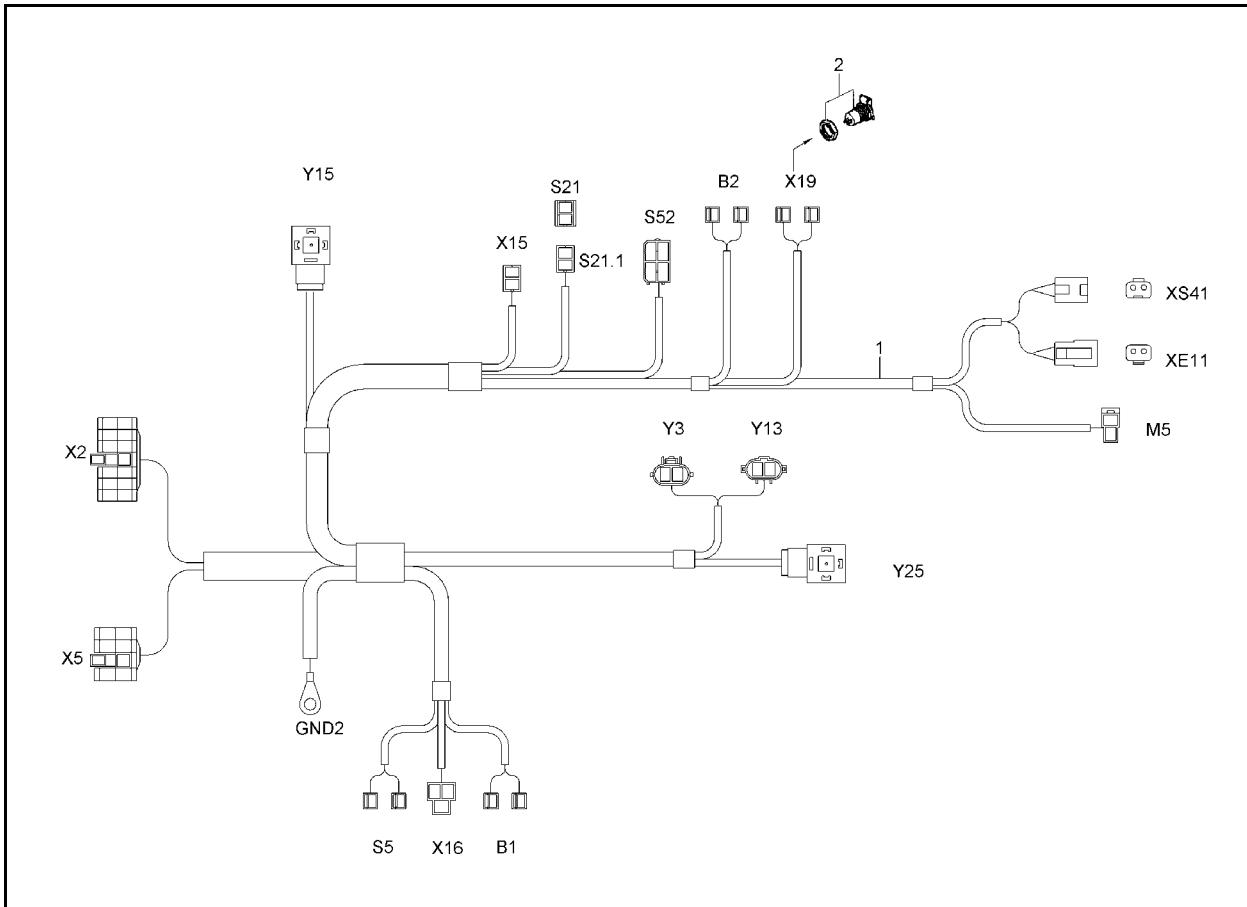
Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	205544	WIRE HARNESS/ENGINE	1	3	161998	FUSE 50A	1
2	162838	FUSE 40A	1	4	161732	SOCKET	1

803 - WIRE HARNESS - CHASSIS, ENGINE
1000129546 - (SN AD04928 AND BEFORE)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	177145	WIRE HARNESS/ENGINE	1	3	161998	FUSE 50A	1
2	162838	FUSE 40A	1	4	161732	SOCKET	1

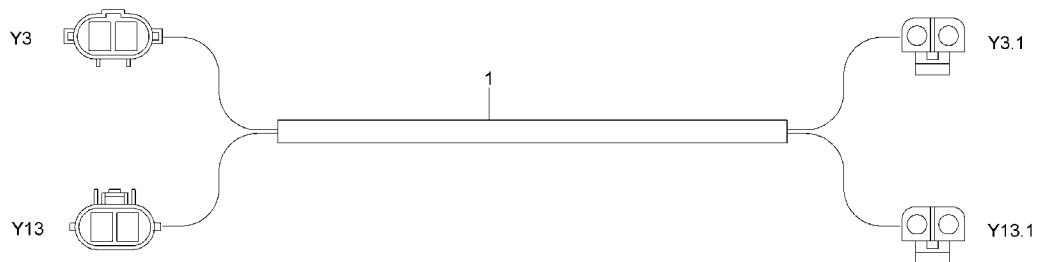
803 - WIRE HARNESS - CHASSIS
1000180417 - (SN AH00611 AND UP)



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

803 - WIRE HARNESS - OIL CONTROL

1000180453 - (SN AD04929 AND UP)



Ref.

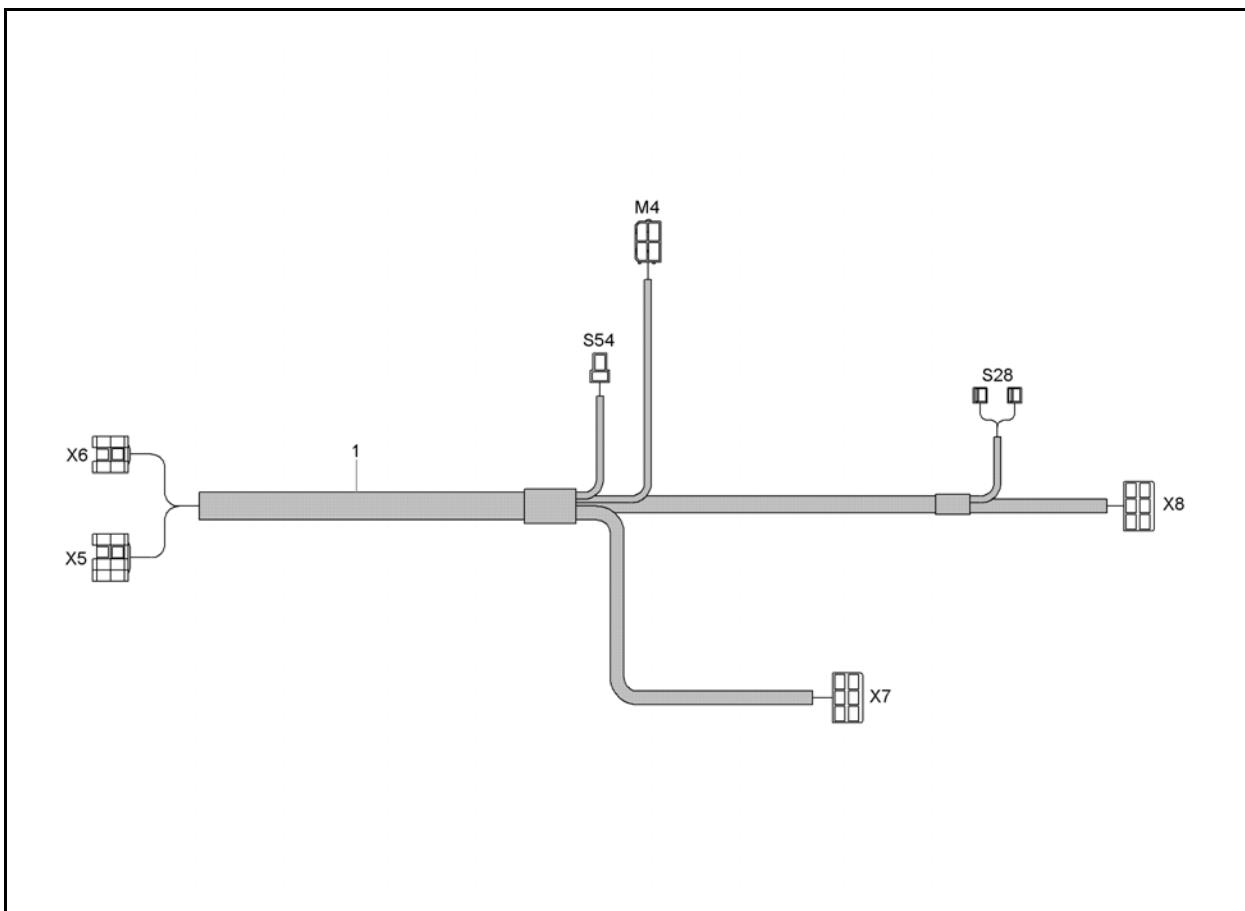
No. Part No.

Description

Qty.

1	203412	WIRE HARNESS/OIL CONTROL	1
---	--------	--------------------------	---

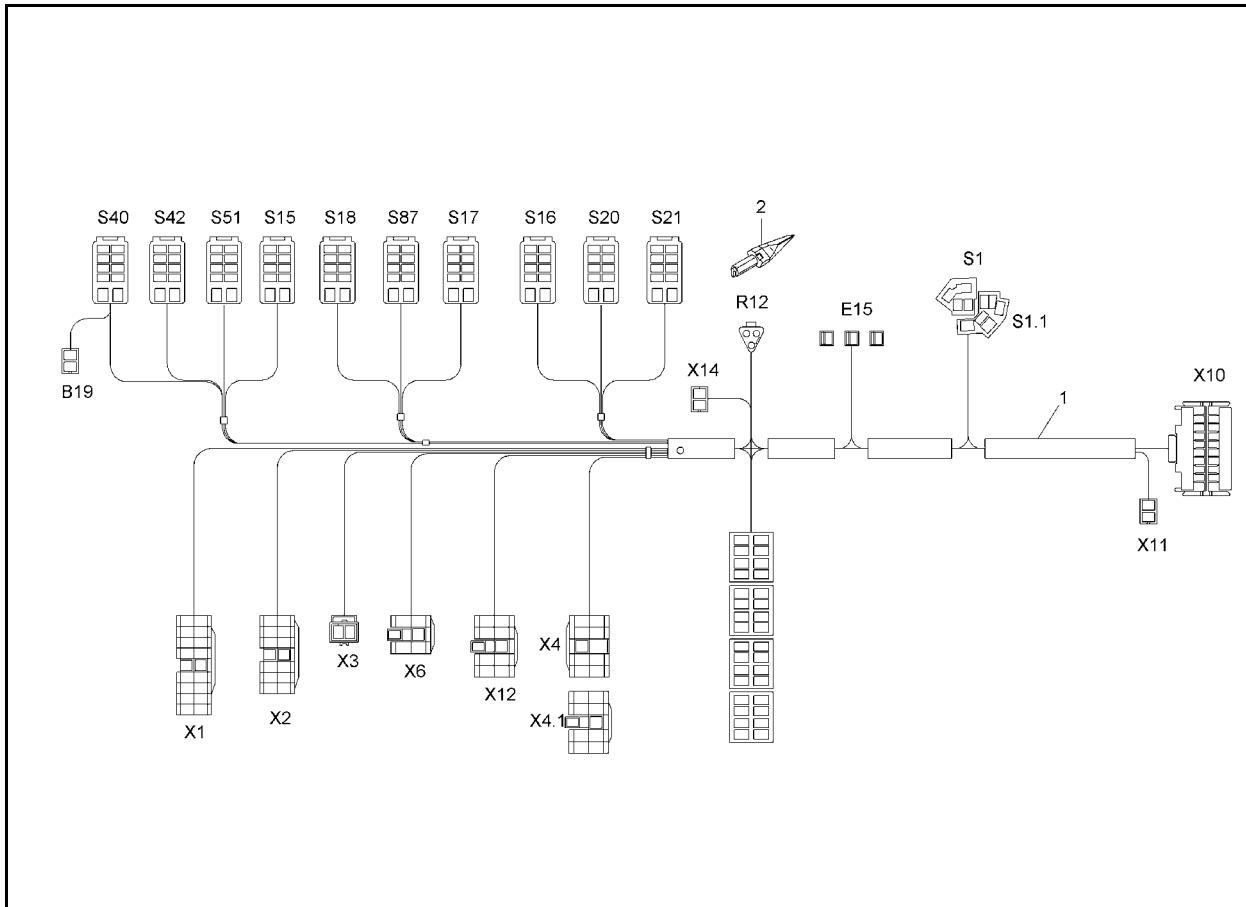
803 - WIRE HARNESS - ARMREST
1000124101



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

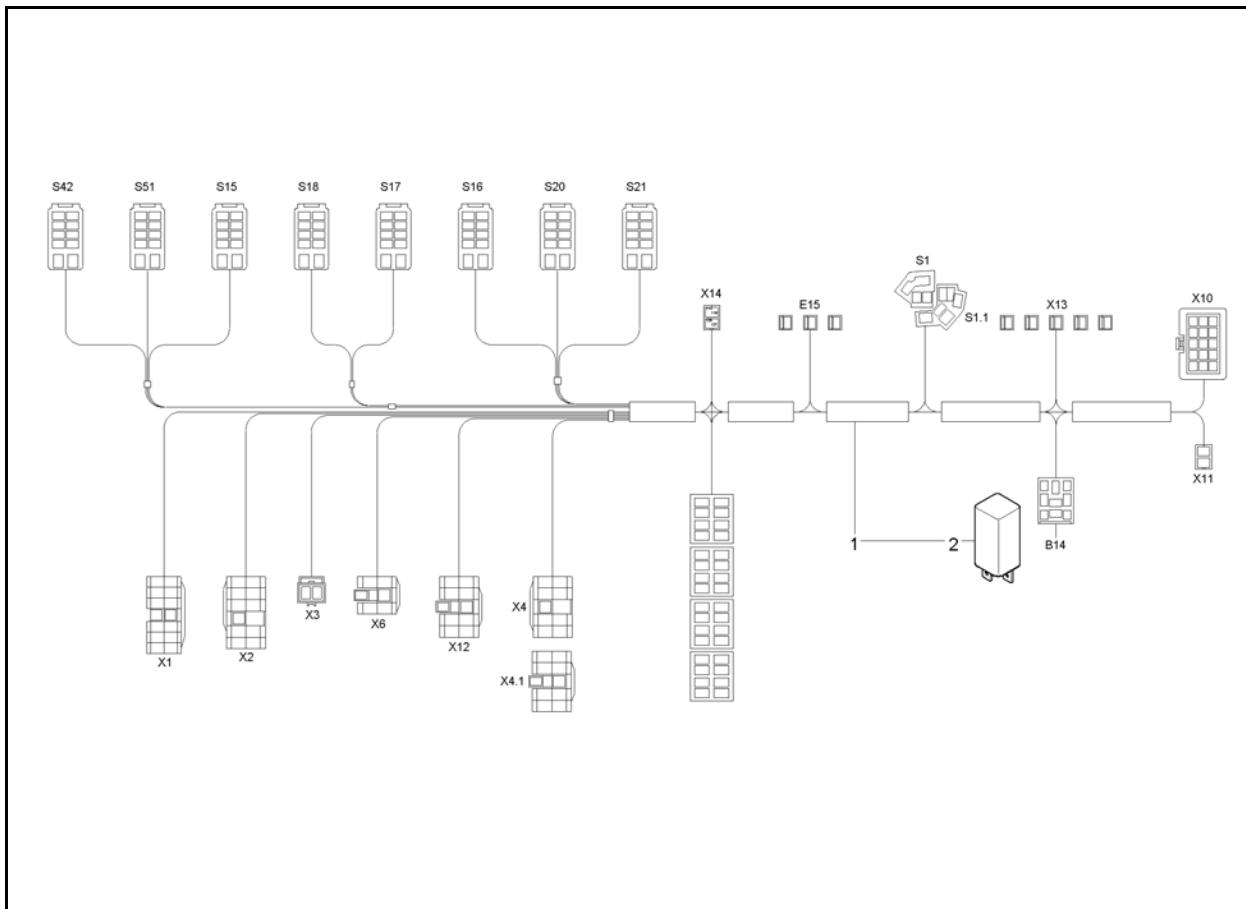
803 - WIRE HARNESS - SWITCH

1000180590 - (SN AH00611 AND UP)



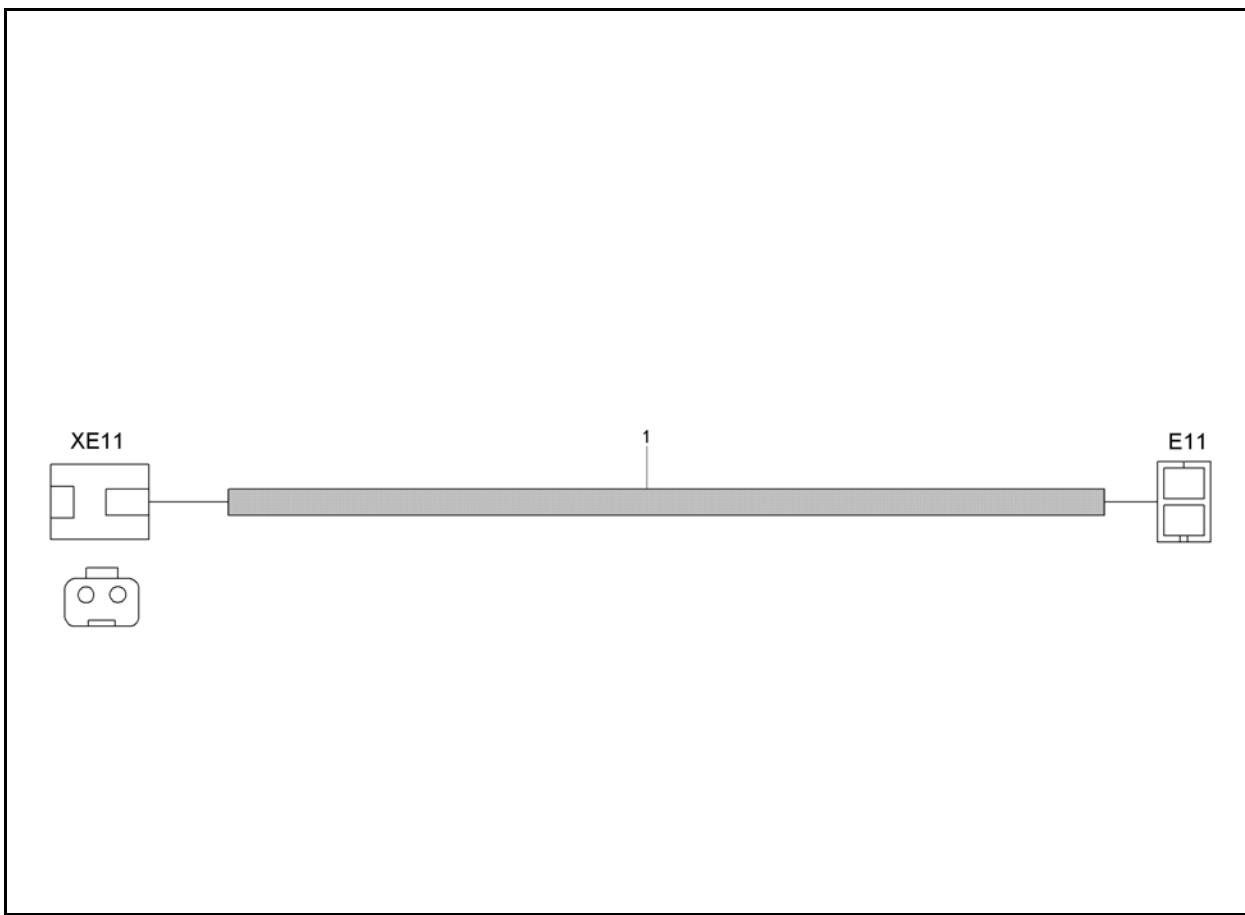
Ref.	Ref.				
No. Part No.	Description	Qty.	No. Part No.	Description	Qty.
1 203413	WIRE HARNESS/SWITCH	1	2 0003337166	KEY	1

803 - WIRE HARNESS - SWITCH
1000129544 - (SN AC02528 - AD07187)

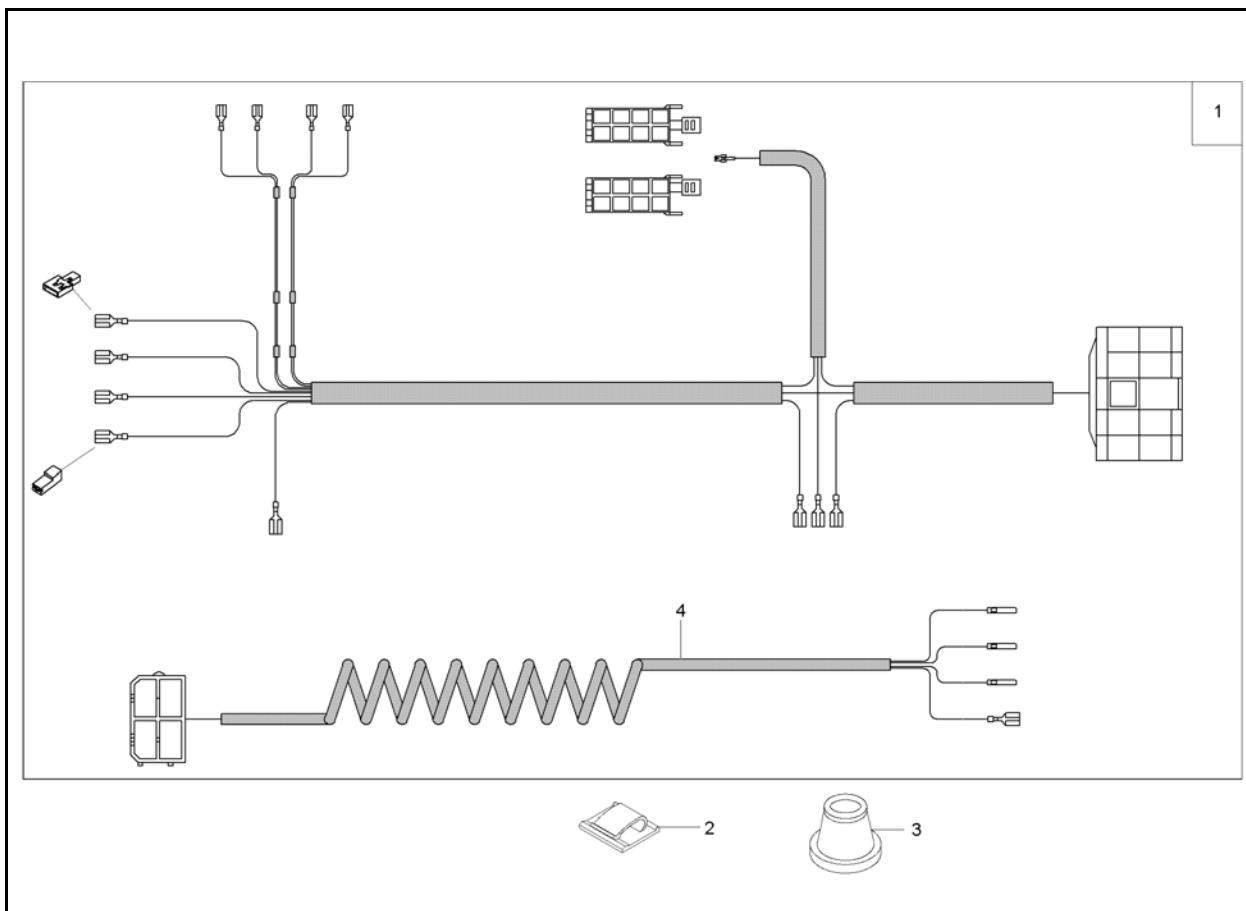


Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	205545	WIRE HARNESS/SWITCH	1	2	207057	SIGNAL	1

803 - WIRE HARNESS - WORK LIGHT - FRONT
1000124093



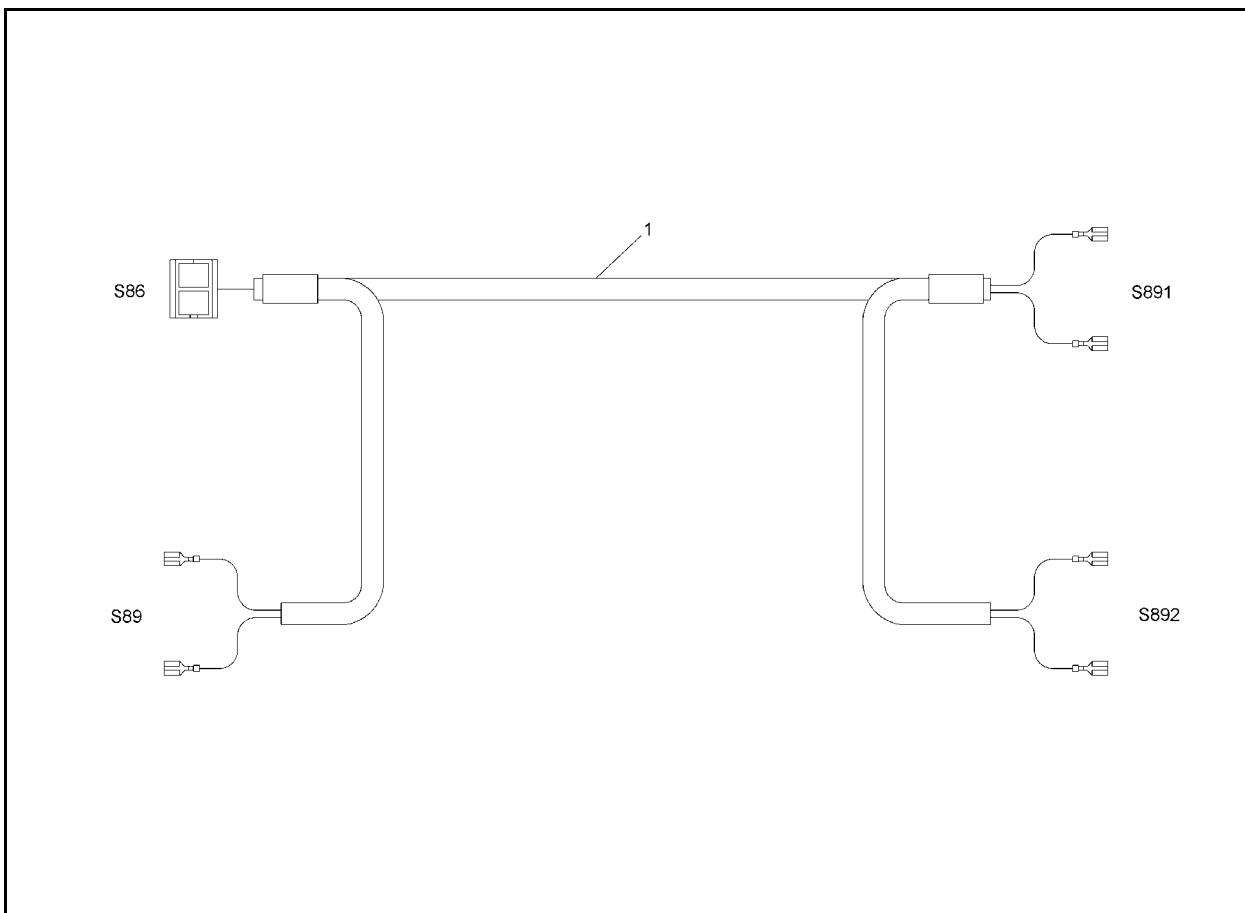
Ref.	No. Part No.	Description	Qty.
1	177927	WIRE HARNESS/LIGHTING	1



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

803 - WIRE HARNESS - AUTO-IDLE (OPTION)

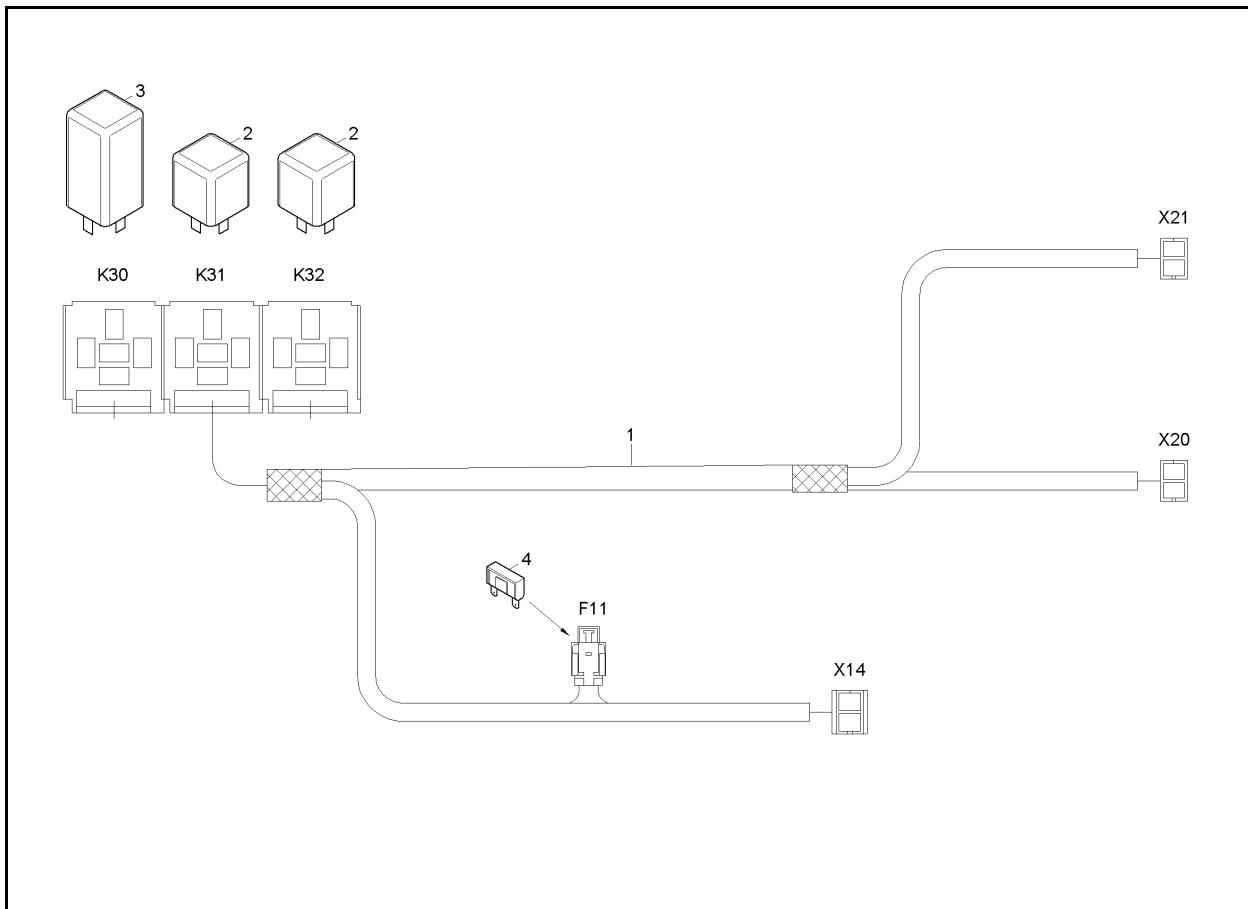
1000184575 - (SN AH00854 AND UP)



Ref.

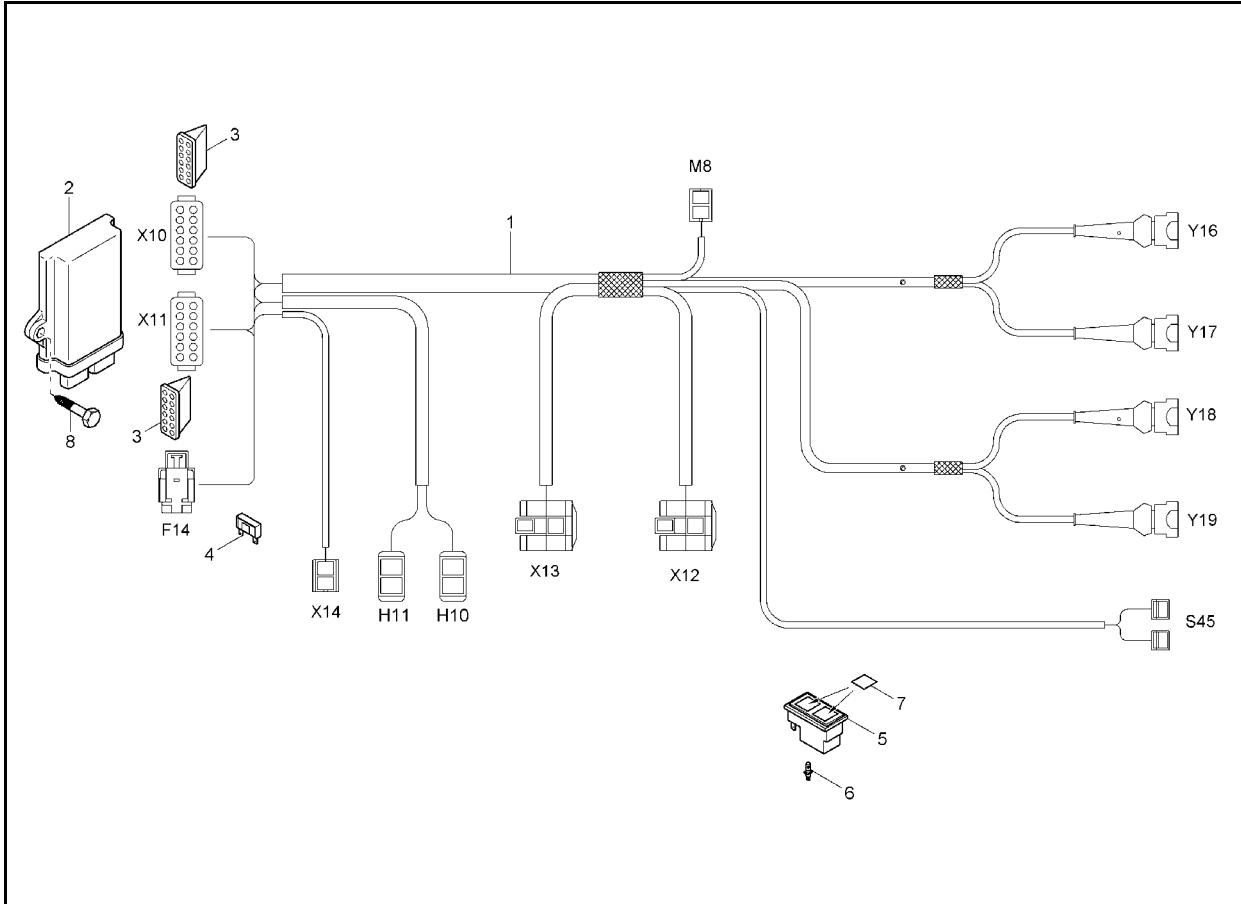
No.	Part No.	Description	Qty.
1	203414	WIRE HARNESS/AUTO-IDLE	1

803 - WIRE HARNESS - AUTO-IDLE (OPTION)
1000130985 - (SN AD07187 AND BEFORE)

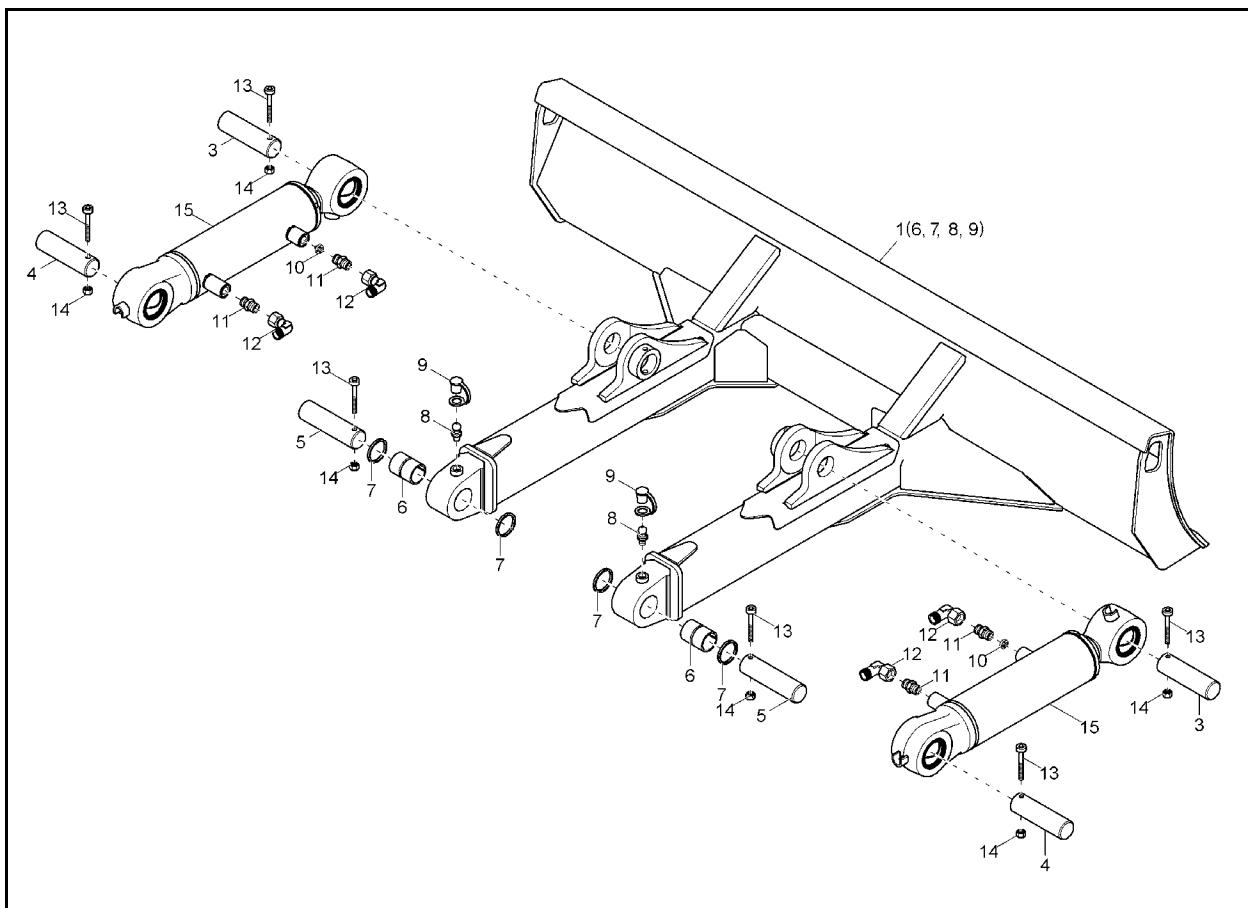


Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	206889		WIRING HARNESS RPM	1	3	203415	RELAY		1
2	205214		RELAY 40/60 AMP	2	4	203416	FUSE 5 A		1

803 - WIRE HARNESS - PROPORTIONAL CONTROL (OPTION)
1000158434 - (SN AD04685 AND UP)



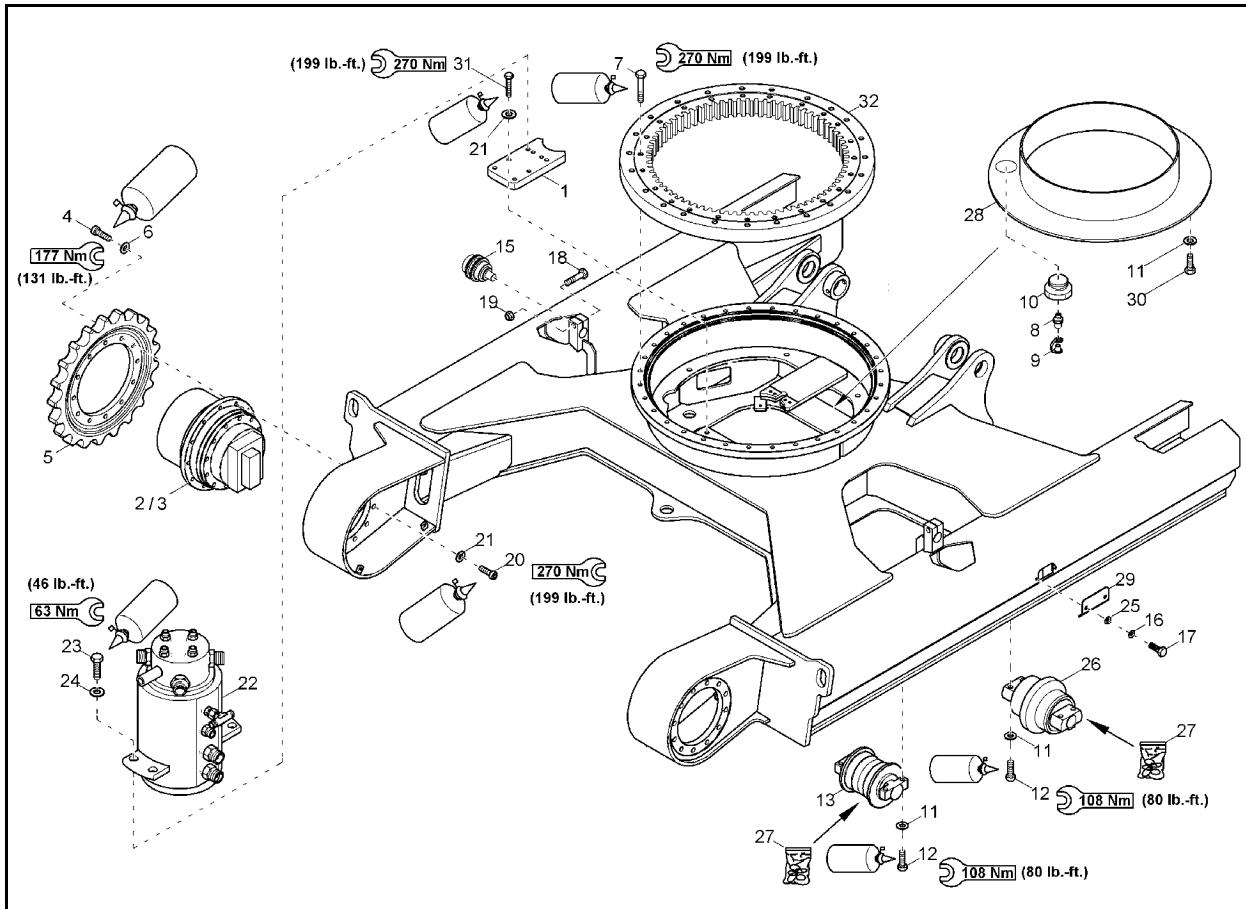
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	205169		WIRE HARNESS/PROP-CONTROL	1	5	0003325912	INDICATOR		1
2	205170		PROPORTIONAL ECU	1	6	177646	BULB		2
3	201679		PIN HOUSING	2	7	205671	SYMBOL/RED		2
4	7733661603		FLAT FUSE - 5 A	1	8	204966	HEX SCREW		2



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205115	PRE-ASSEMBLED DOZER BLADE (Includes Ref. Nos. 6, 7, 8 & 9) (SN AC03663 and up) (2250MM)	1	9	161422	CAP	2
	208366	PRE-ASSEMBLED DOZER BLADE (Includes Ref. Nos. 6, 7, 8 & 9) (SN AC03662 and before) (2300MM)	1	10	208365	HOSE BURST VALVE	2
3	161189	PIN	2	11	163352	FITTING	4
4	161190	PIN	2	12	163354	ELBOW	4
5	161191	PIN	2	13	651477	SHCS M12-1.75X110 C10.9 ZY DIN912	6
6	161521	BUSHING	2	14	179793	NUT	6
7	161581	SEAL	4	15	208228	BLADE CYLINDER See page 95 for individual components	2
8	161412	GREASE ZERK-9MM HEX HEAD	2				

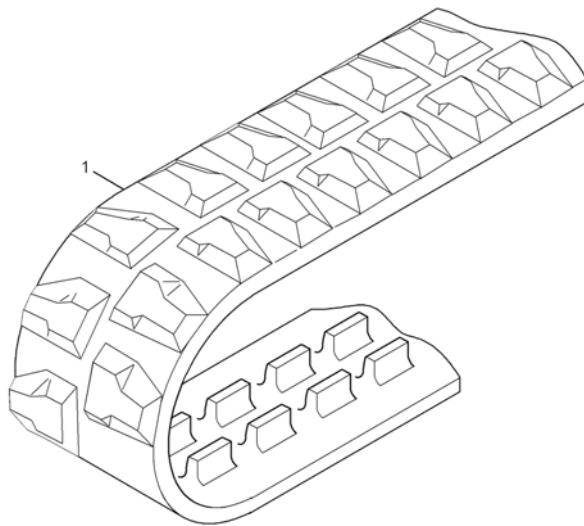
803 - UNDERCARRIAGE, RUBBER TRACK

1000181129



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	179358	PLATE	1	17	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
2	205045	DRIVE MOTOR COMPLETE - MAG 50 See page 52 for individual components	2	18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
	204984	803 MODIFICATION KIT TRACK DRIVE - MAG 44 See page 53 and page 54 for individual components	2	19	651451	HLN INS M16-2.0 ZO	2
4	651490	SHCS M14-1.5X40 F10.9 ZY DIN912	24	20	651497	SHCS M16-1.5X50 F10.9 ZY DIN912	24
5	177094	DRIVE WHEEL	2	21	161637	WASHER/NORD-LOCK NL 16	28
6	164920	LOCKWASHER	24	22	179492	SWIVEL JOINT II See page 67 for individual components	1
7	651418	HB M16-2X90 C10.9 ZY	32	23	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
8	161412	GREASE ZERK-9MM HEX HEAD	1	24	163641	WASHER	4
9	161422	CAP	1	25	161640	WASHER/GR A 10.5	4
10	161417	PLUG	1	26	161071	TRACK ROLLER See page 136 for individual components	2
11	161636	WASHER/NORD-LOCK NL 12	46	27	161075	GASKETS/TRACK ROLLER	10
12	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	40	28	179357	BRACKET	1
13	161070	TRACK ROLLER See page 137 for individual components	8	29	163171	COVER	2
15	161072	TOP ROLLER COMPLETE See page 138 for individual components	2	30	651405	CS M12-1.75X30 C10.9 ZY DIN931	6
16	161669	LOCKWASHER S10	4	31	651495	SHCS M16-1.5X40 F10.9 ZY DIN912	4
				32	177223	SLEWING RING	1

803 - RUBBER TRACK
1000117308



Ref.

No. Part No.

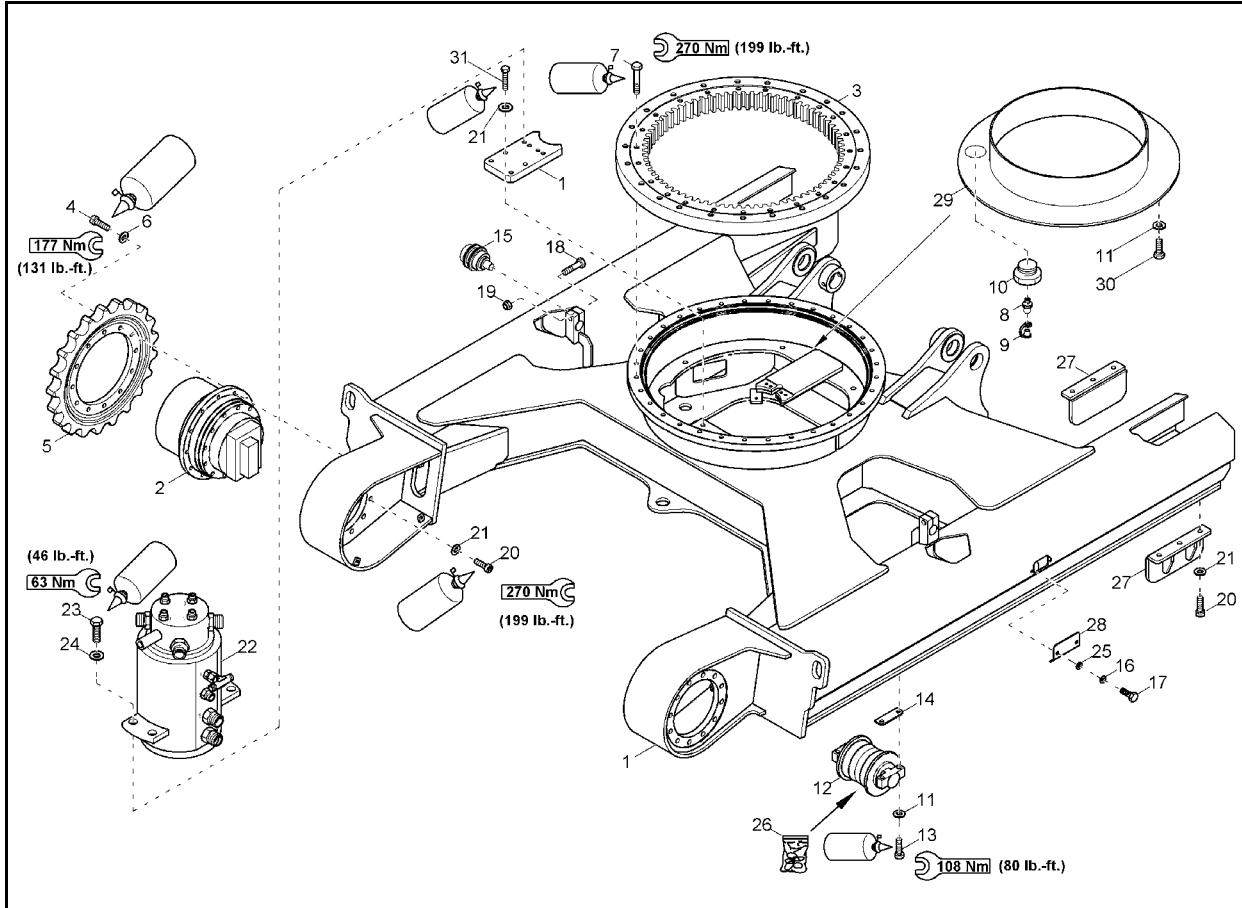
Description

Qty.

1	208123	RUBBER TRACK	2
---	--------	--------------	---

803 - UNDERCARRIAGE, STEEL TRACK (OPTION)

1000117308



Ref.

No. Part No.

Description

Qty.

1	179358	PLATE	1
2	205045	DRIVE MOTOR COMPLETE - MAG 50 See page 52 for individual components	2
	204984	803 MODIFICATION KIT TRACK DRIVE - MAG 44 See page 53 and page 54 for individual components	2
3	177223	SLEWING RING	1
4	651490	SHCS M14-1.5X40 F10.9 ZY DIN912	24
5	177094	DRIVE WHEEL	2
6	164920	LOCKWASHER	24
7	651418	HB M16-2X90 C10.9 ZY	32
8	161412	GREASE ZERK-9MM HEX HEAD	1
9	161422	CAP	1
10	161417	PLUG	1
11	161636	WASHER/NORD-LOCK NL 12	46
12	161070	TRACK ROLLER See page 137 for individual component	10
13	651488	SHCS M12-1.75X60 C12.9 ZY DIN912 (SN AC03663 and up)	40
	651487	SHCS M12-1.75X50 C10.9 ZY DIN912 (SN AC03662 and before)	40

Ref.

No. Part No.

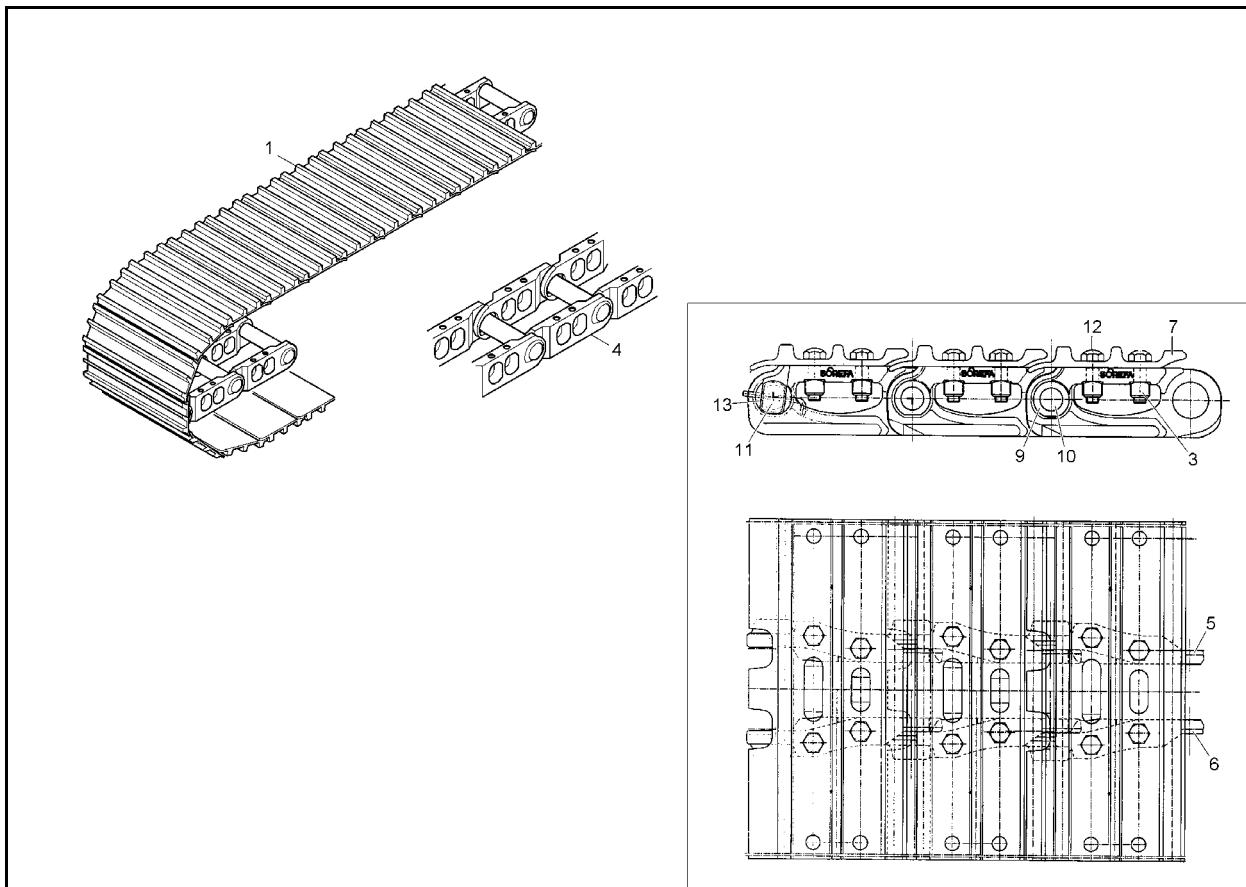
Description

Qty.

14	206930	SHIM (SN AC03663 and up)	20
15	161072	TOP ROLLER COMPLETE See page 138 for individual components	2
16	161669	LOCKWASHER S10	4
17	656006	CS M10-1.5X20 C8.8 ZY DIN931	4
18	651416	HB M16-2.0 X 70 C 10.9 ZO	2
19	651451	HLN INS M16-2.0 ZO	2
20	651497	SHCS M16-1.5X50 F10.9 ZY DIN912	36
21	161637	WASHER/NORD-LOCK NL 16	40
22	179492	SWIVEL JOINT II See page 67 for individual components	1
23	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
24	163641	WASHER	4
25	161640	WASHER/GR A 10.5	4
26	161075	GASKETS TRACK ROLLERS	10
27	176993	CHAIN PROTECTION	4
28	163171	COVER	2
29	179357	BRACKET	1
30	651405	CS M12-1.75X30 C10.9 ZY DIN931	6
31	651495	SHCS M16-1.5X40 F10.9 ZY DIN912	4

803 - STEEL TRACK (OPTION)

1000167063



Ref.

No. Part No.

Description

Qty.

1	177105	STEEL TRACK (450MM)	2
3	178015	NUT	168
4	176989	STEEL CHAIN	2
5	176988	TRACK LINK RT	84
6	176987	TRACK LINK LT	84
7	176938	FLOOR PLATE (450MM)	84

Ref.

No. Part No.

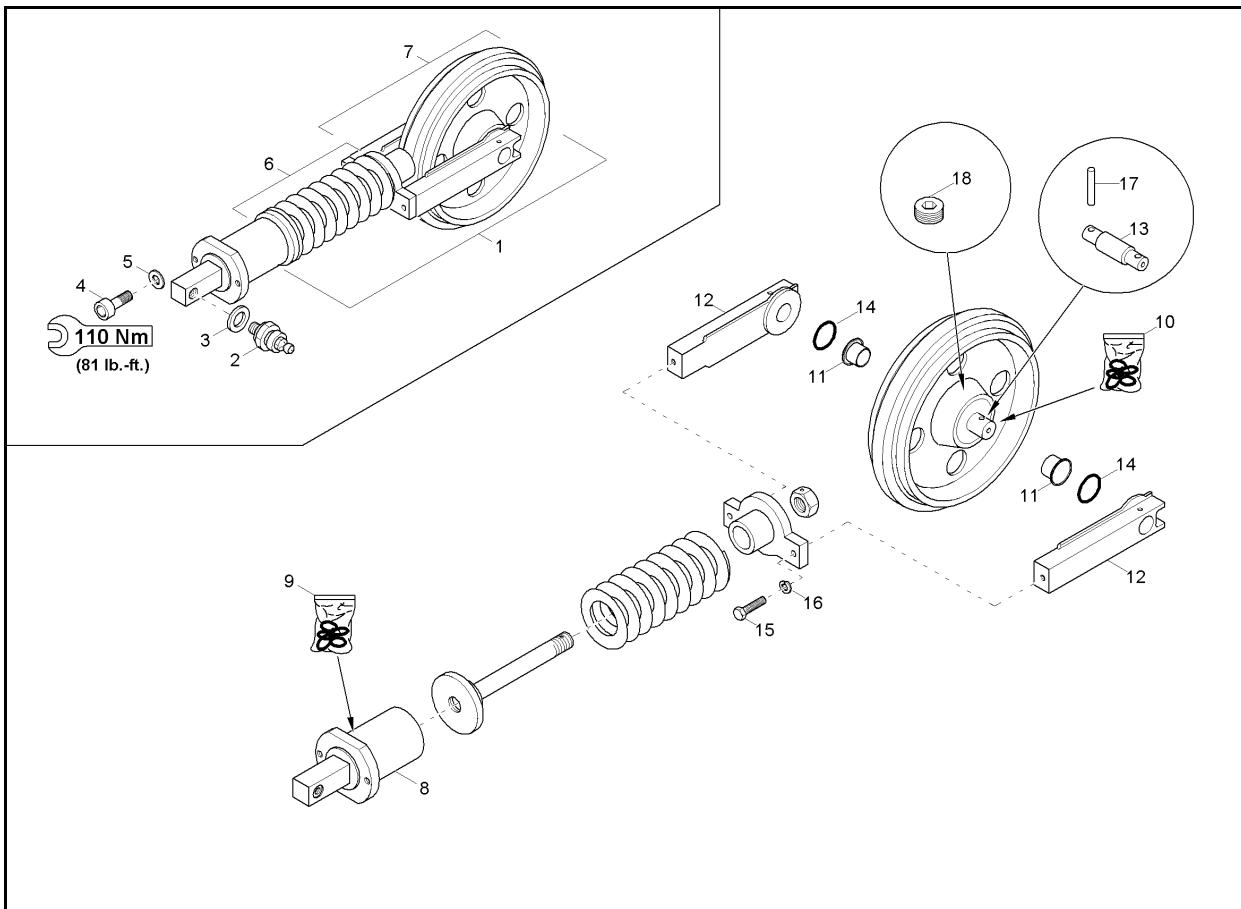
Description

Qty.

9	176936	BUSHING	42
10	176935	PIN	42
11	176934	PIN	2
12	178014	SCREW	168
13	176937	BUSHING	2

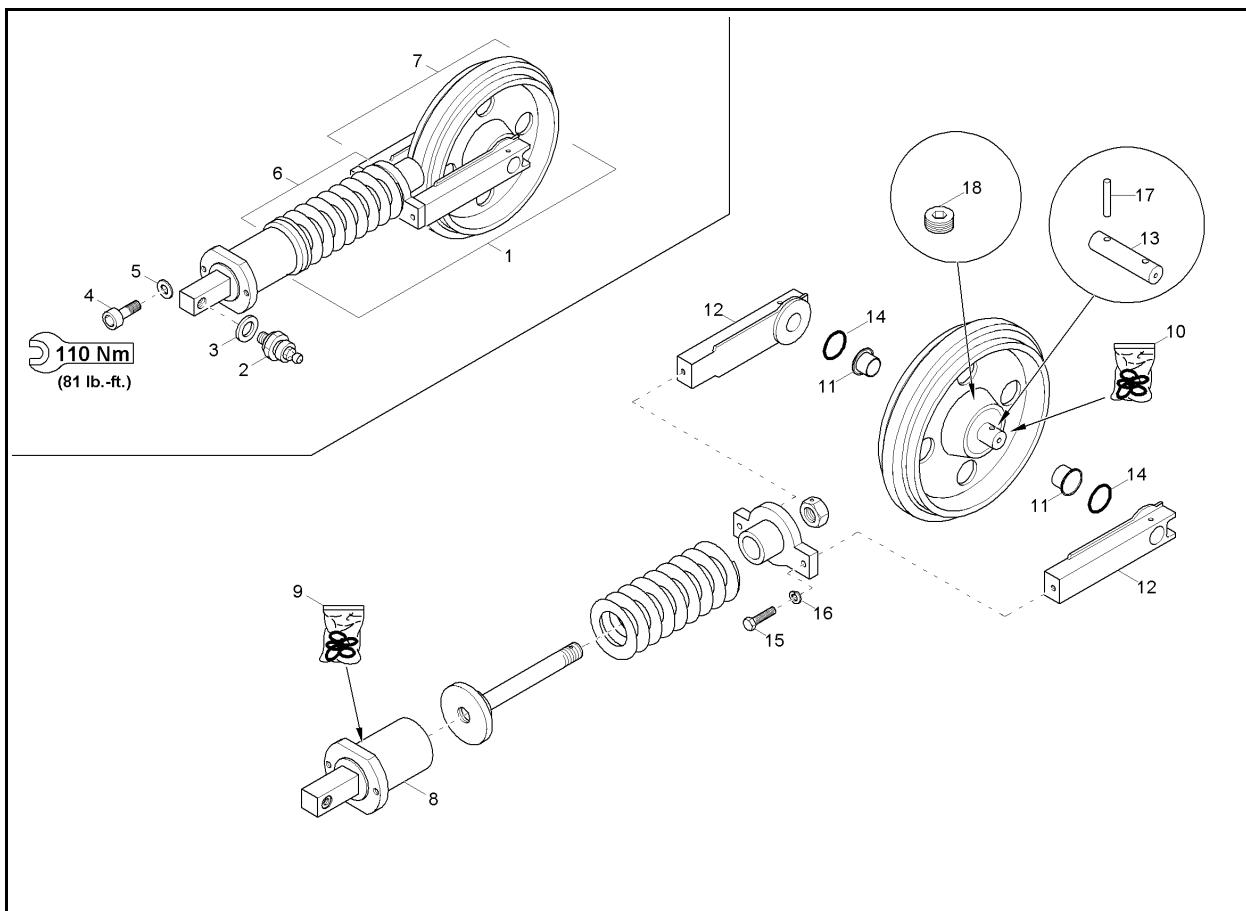
803 - TRACK TENSIONER, RUBBER TRACK

1000141803 - (SN AC03031 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204973	TENSION WHEEL COMPLETE (Includes Ref. Nos. 6 & 7)	2	10	160983	SEAL KIT	2
2	160638	VALVE	2	11	206873	BUSHING	4
3	178067	SEALING RING	2	12	206874	BRACKET	4
4	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	4	13	206875	SHAFT/TENSION WHEEL (D=50MM)	2
5	161643	WASHER/ROUND HI-TENS	4	14	206876	O-RING	4
6	204974	SPRING PACKAGE	2	15	176966	SCREW	4
7	179360	ROLLER COMPLETE	2	16	176965	SPRING RING	4
8	160886	TENSION CYLINDER	2	17	163031	COTTERPIN	4
9	160945	SEAL KIT	2	18	163035	PLUG	2

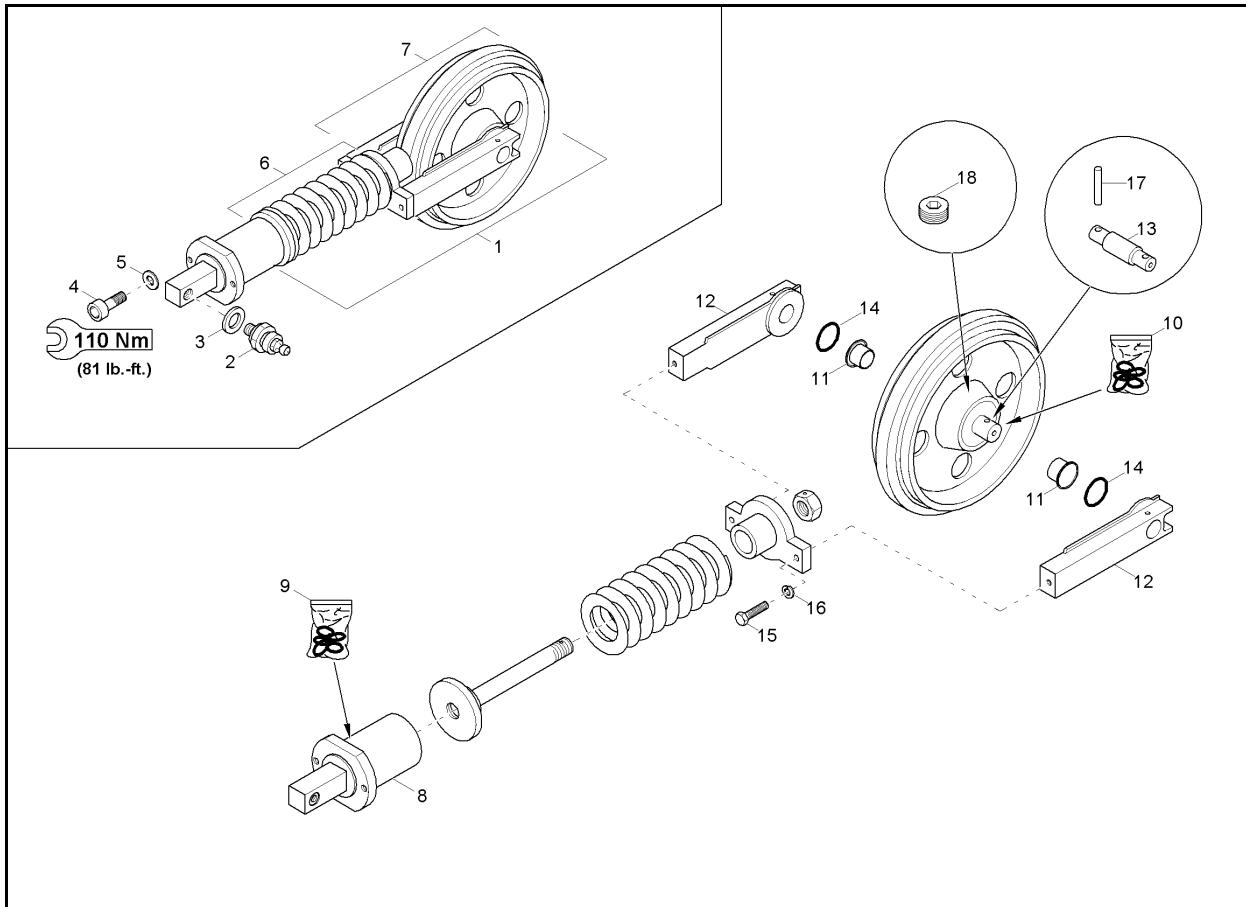
803 - TRACK TENSIONER, RUBBER TRACK
1000131698 - (SN AC03030 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204973	TENSION WHEEL COMPLETE (Includes Ref. Nos. 6 & 7)	2	10	160983	SEAL KIT	2
2	160638	VALVE	2	11	163034	BUSHING	4
3	178067	SEALING RING	2	12	163030	BRACKET	4
4	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	4	13	163033	SHAFT (D=42MM)	2
5	161643	WASHER/ROUND HI-TENS	4	14	163032	O-RING	4
6	204974	SPRING PACKAGE	2	15	176966	SCREW	4
7	179360	ROLLER COMPLETE	2	16	176965	SPRING RING	4
8	160886	TENSION CYLINDER	2	17	163031	COTTERPIN	4
9	160945	SEAL KIT	2	18	163035	PLUG	2

803 - TRACK TENSIONER, STEEL TRACK (OPTION)

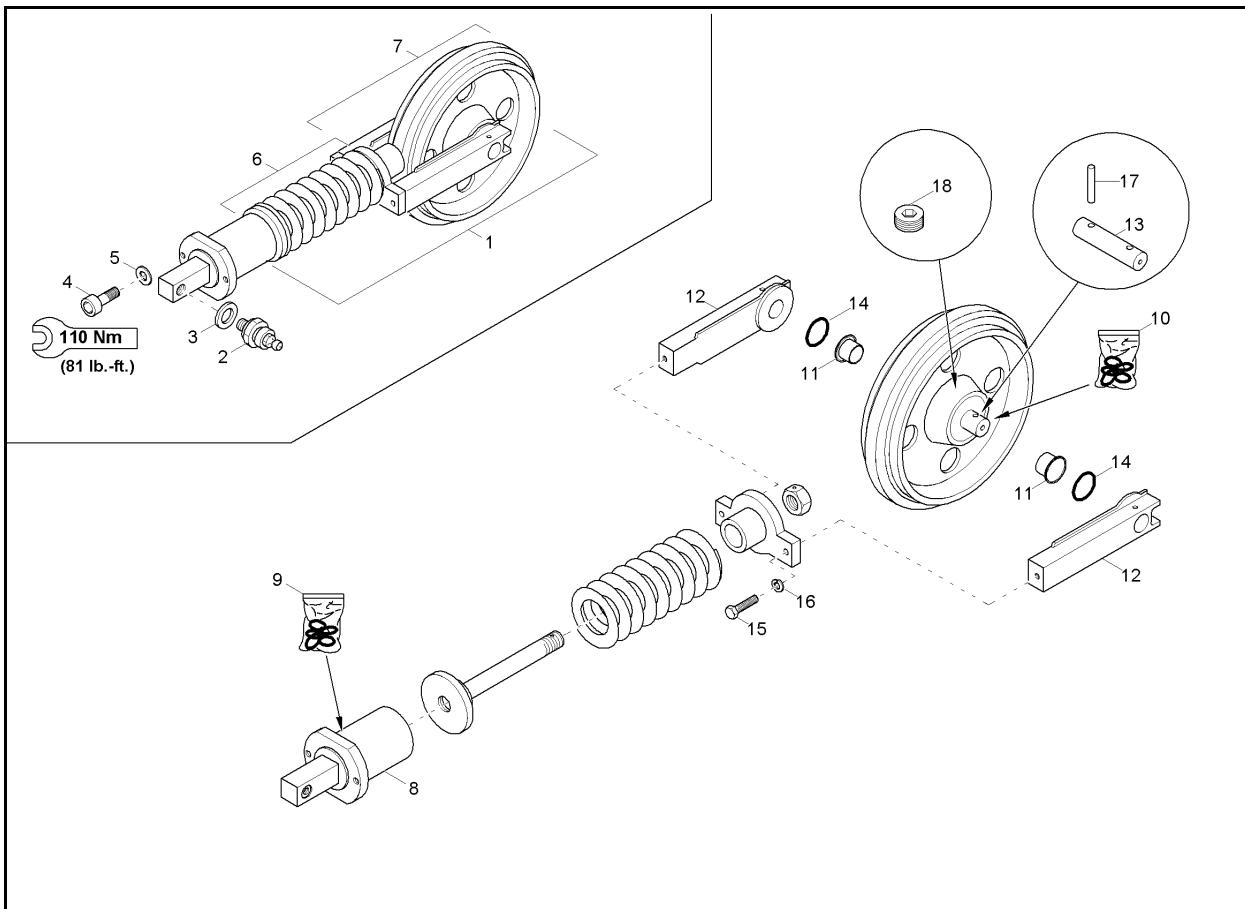
1000151781 - (SN AC03889 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206845	TENSION WHEEL COMPLETE (Includes Ref. Nos. 6 & 7)	2	10	160983	SEAL KIT	2
2	160638	VALVE	2	11	206873	BUSHING	4
3	178067	SEALING RING	2	12	206874	BRACKET	4
4	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	4	13	206875	SHAFT/TENSION WHEEL (D=50MM)	2
5	161643	WASHER/ROUND HI-TENS	4	14	206876	O-RING	4
6	177103	SPRING PACKAGE	2	15	176966	SCREW	4
7	206846	ROLLER	2	16	176965	SPRING RING	4
8	160886	TENSION CYLINDER	2	17	163031	COTTERPIN	4
9	160945	SEAL KIT	2	18	163035	PLUG	2

803 - TRACK TENSIONER, STEEL TRACK (OPTION)

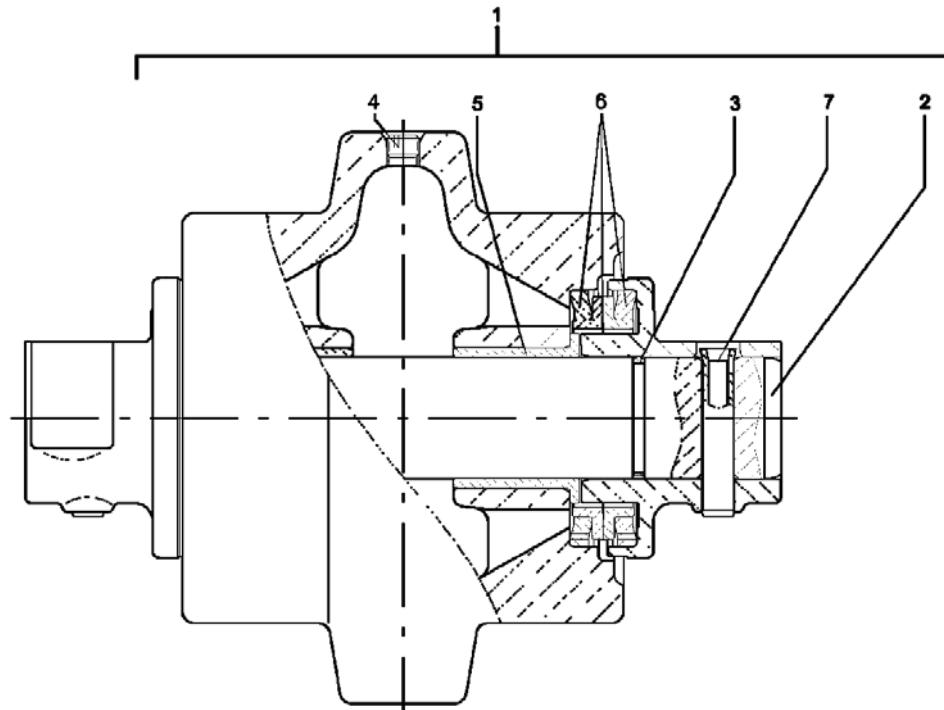
1000131827 - (SN AC03888 AND BEFORE)



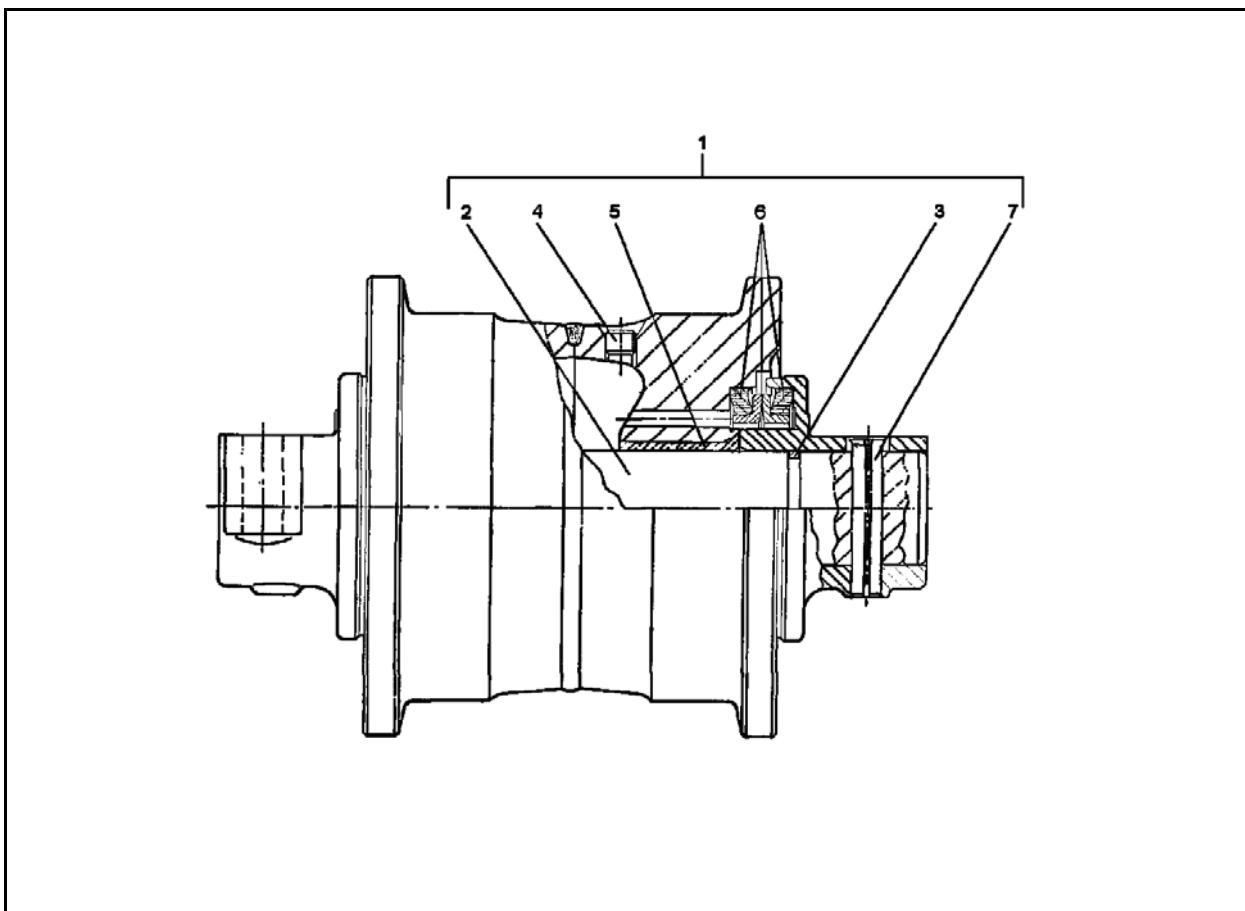
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	206845	TENSION WHEEL COMPLETE (Includes Ref. Nos. 6 & 7)	2	10	160983	SEAL KIT	2
2	160638	VALVE	2	11	163034	BUSHING	4
3	178067	SEALING RING	2	12	163030	BRACKET	4
4	651487	SHCS M12-1.75X50 C10.9 ZY DIN912	4	13	163033	SHAFT (D=42MM)	2
5	161643	WASHER/ROUND HI-TENS	4	14	163032	O-RING	4
6	177103	SPRING PACKAGE	2	15	176966	SCREW	4
7	206846	ROLLER	2	16	176965	SPRING RING	4
8	160886	TENSION CYLINDER	2	17	163031	COTTERPIN	4
9	160945	SEAL KIT	2	18	163035	PLUG	2

803 - TRACK ROLLER (RUBBER TRACK)

1000117474



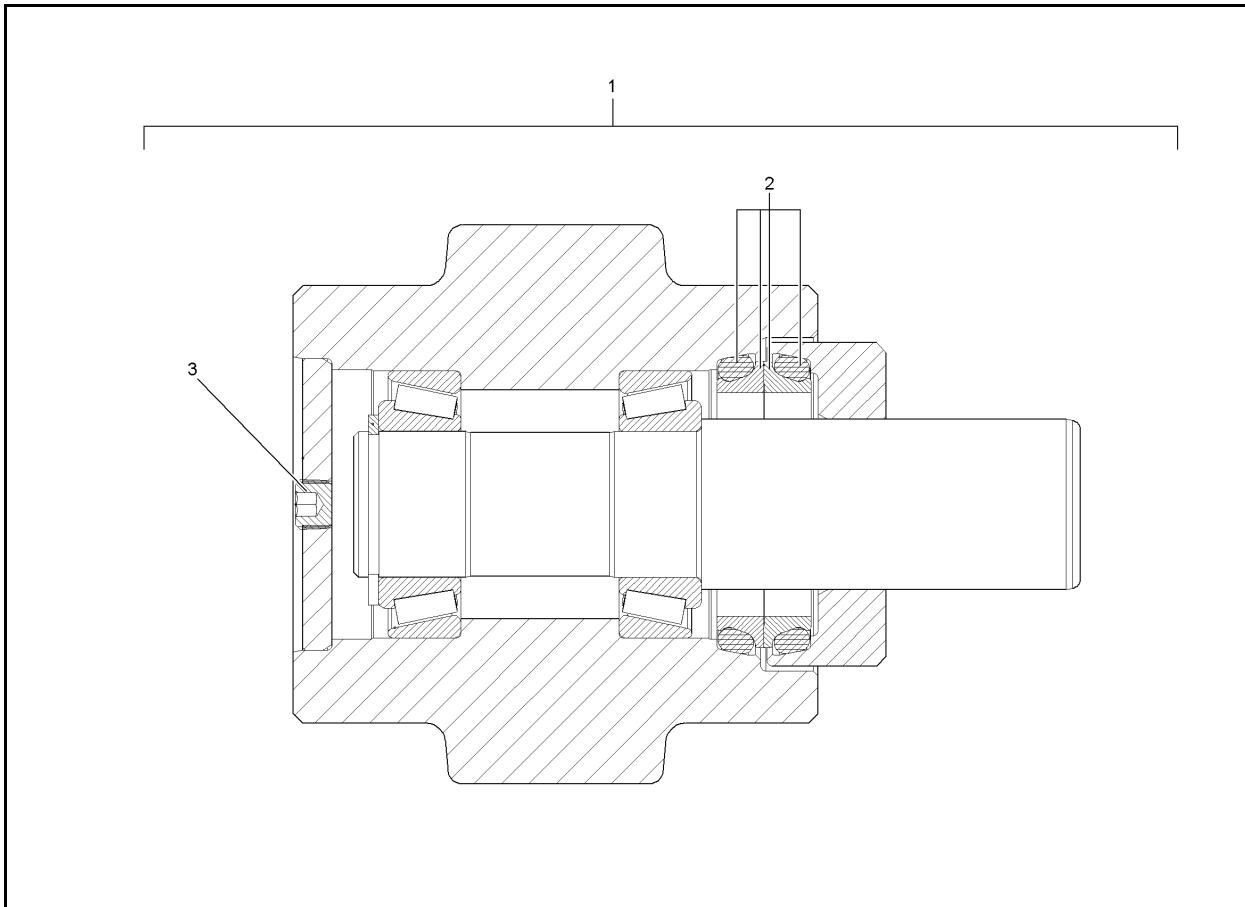
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161071	TRACK ROLLER	1	5	163190	BUSHING	2
2	163187	SHAFT	1	6	161075	GASKETS/TRACK ROLLER	1
3	163188	O-RING	2	7	163193	COTTERPIN	2
4	163189	PLUG	1				



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 161070	TRACK ROLLER	1	5 163190	BUSHING	2
2 163187	SHAFT	1	6 161075	GASKETS/TRACK ROLLER	1
3 163188	O-RING	2	7 163193	COTTERPIN	2
4 163189	PLUG	1			

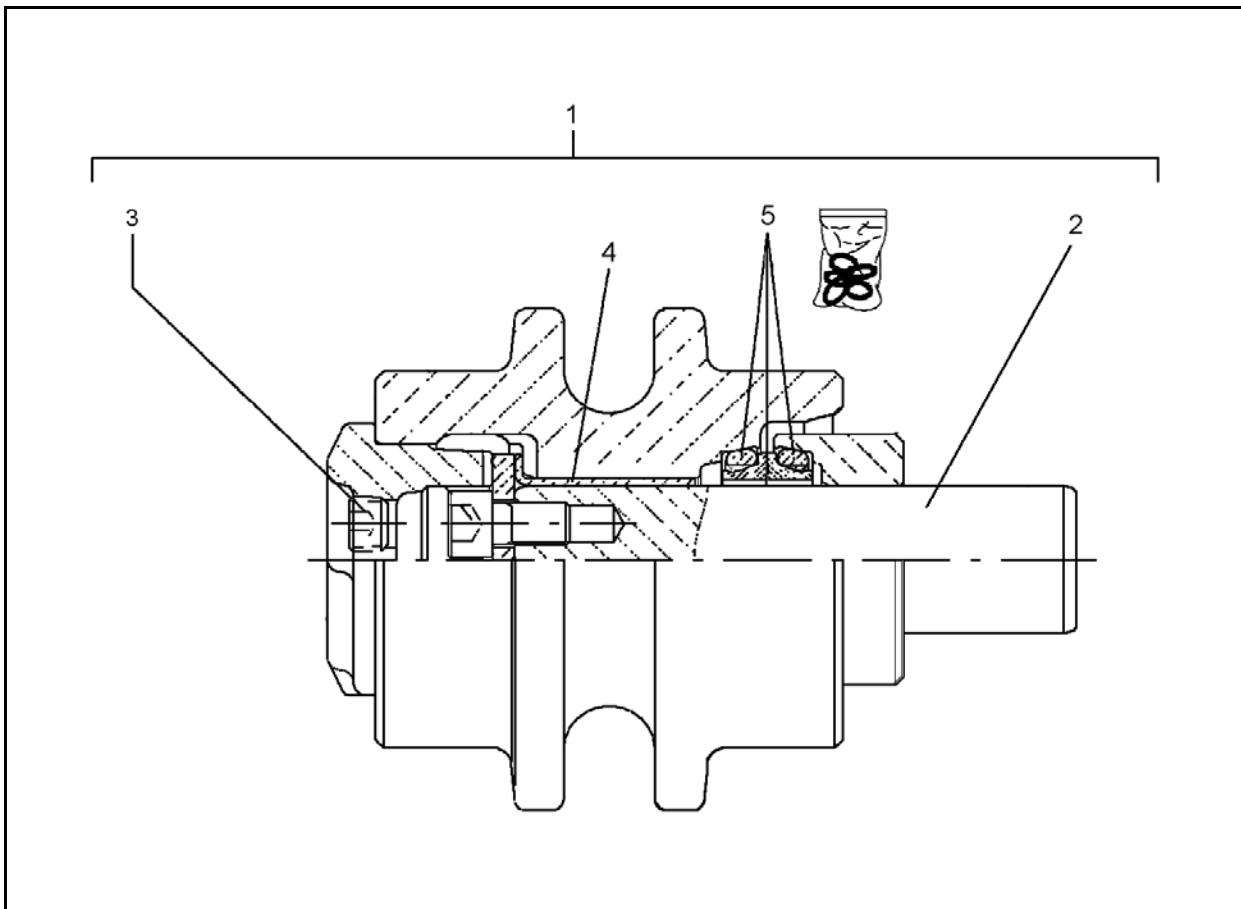
803 - TOP ROLLER

1000159046 - (SN AC03380 AND UP)



Ref. No. Part No.	Description	Qty.	Ref. No. Part No.	Description	Qty.
1 161072	TOP ROLLER COMPLETE (Includes Ref. Nos. 2 & 3)	2	2 204994	KIT/SEAL RING	1
3 163189	PLUG	2			

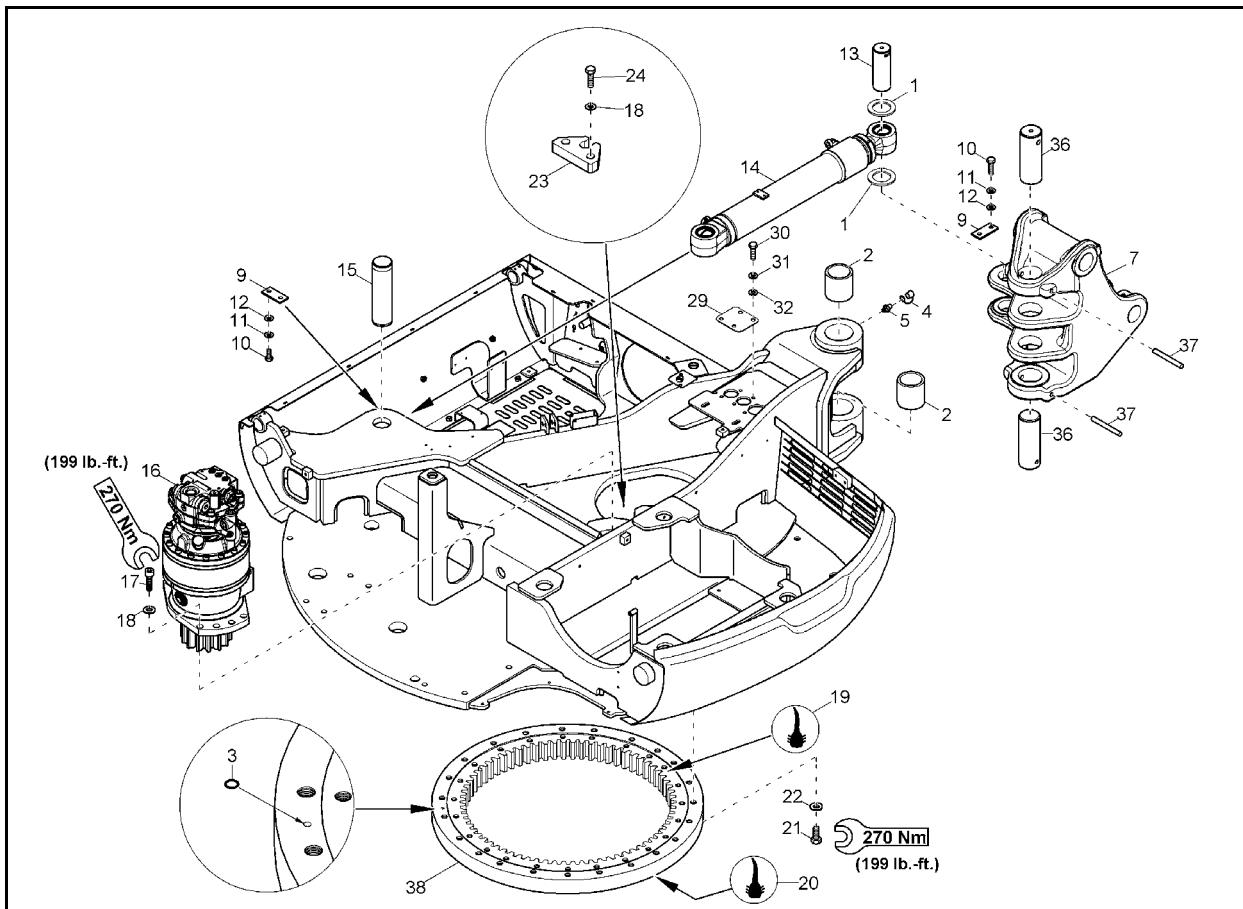
803 - TOP ROLLER
1000117476 - (SN AC03379 AND BEFORE)



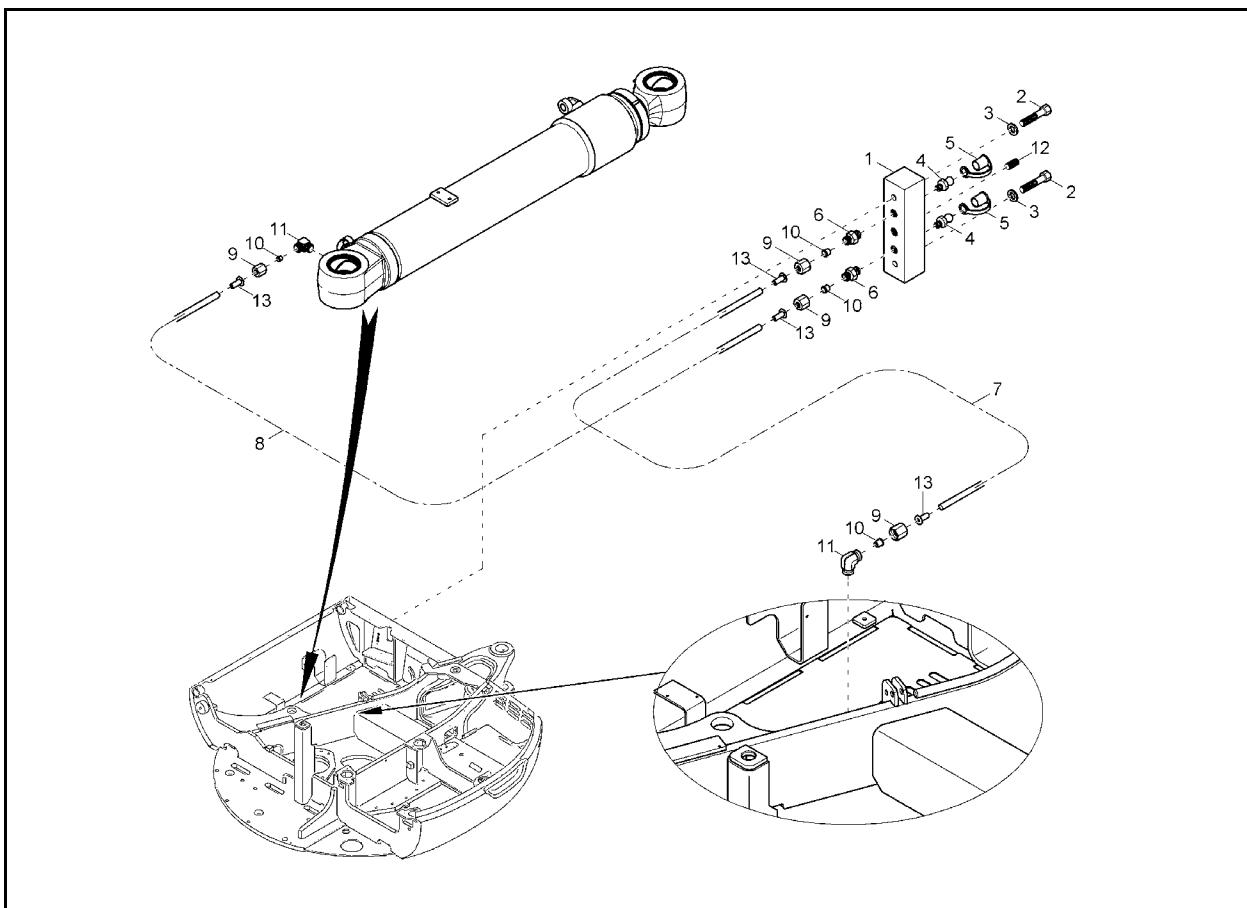
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	161072	TOP ROLLER COMPLETE (Includes Ref. Nos. 2, 3, 4 & 5)	1	4	163179	BUSHING	1
2	163177	SHAFT	1	5	161074	SEAL KIT	1
3	163178	PLUG	1				

803 - CHASSIS

1000180357



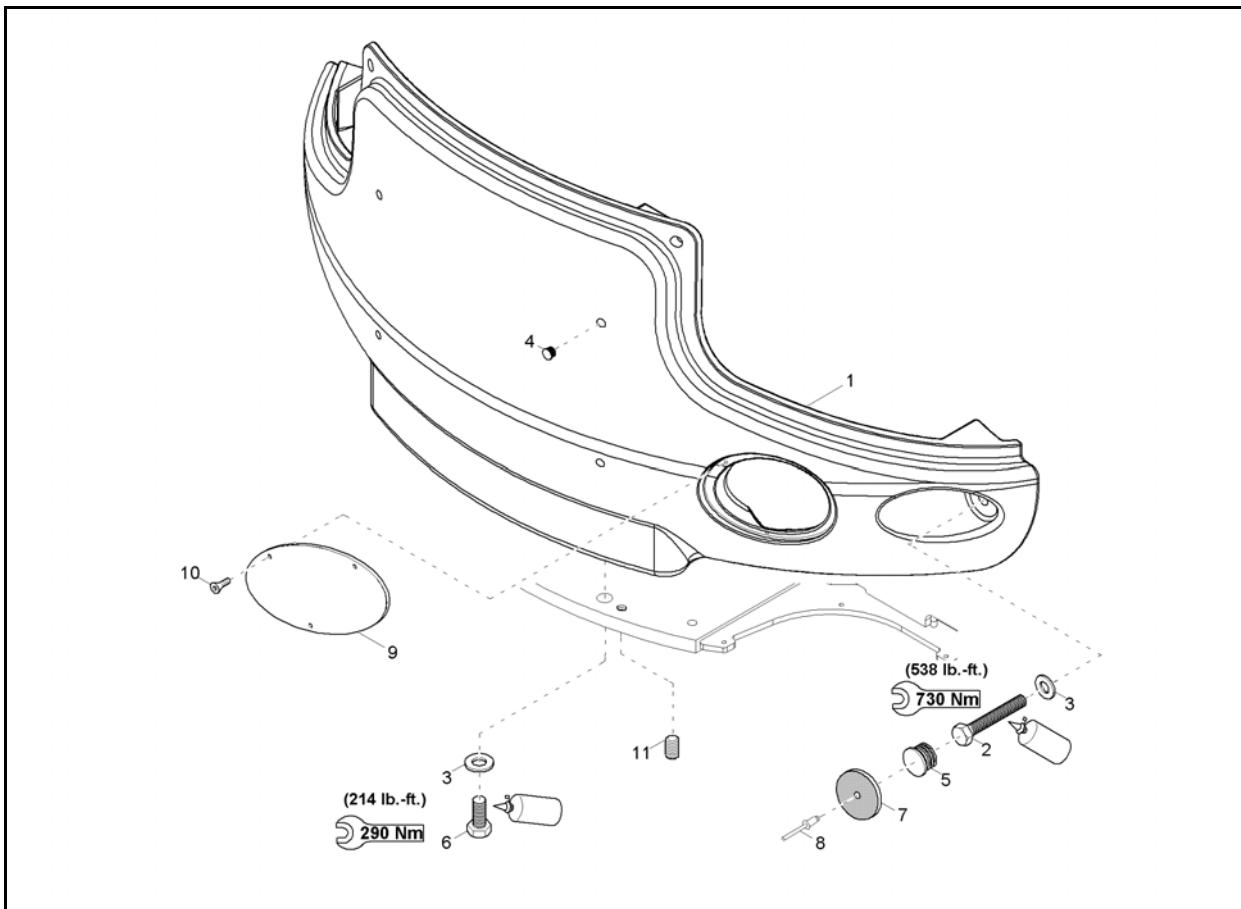
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	208259	SHIM - 1.0 MM	1	18	161637	WASHER/NORD-LOCK NL 16	10
	208258	SHIM - 1.5 MM	1	19	206811	SEAL (2.80M)	1
	208257	SHIM - 2.0 MM	1	20	206811	SEAL (2.80M)	1
2	161525	BUSHING	2	21	176992	HEX SCREW	30
3	161570	O-RING	1	22	163645	WASHER	30
4	161422	CAP	2	23	208253	TORQUE ROD	1
5	161412	GREASE ZERK-9MM HEX HEAD	2	24	651415	CS M16-2.00X45 C10.9 ZY DIN931	2
7	177111	SWIVEL CONSOLE	1	25	208254	TORQUE ROD	1
9	177913	BRACKET AXLE	2	26	208255	FOOTBOARD	1
10	651395	CS M10-1.5X30 C10.9 ZY DIN931	2	27	651397	CS M10-1.5X35 C8.8 ZY	4
11	161669	LOCKWASHER S10	2	28	161663	WASHER/GR A 10.5 ZO	4
12	161640	WASHER/GR A 10.5	2	29	208256	COVER	1
13	177155	PIN	1	30	179757	SCREW	4
14	177127	BOOM OFFSET CYLINDER See page 93 for individual components	1	31	163651	WASHER	4
15	177129	PIN	1	32	161642	WASHER/GR A 13	4
16	208252	SWIVEL DRIVE See page 46 for individual components	1	36	177165	PIN	2
17	651497	SHCS M16-1.5X50 F10.9 ZY DIN912	8	37	177101	COTTER PIN	2
				38	177223	SLEWING RING	1



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	161722	LUBRICATION ZERK BLOCK		1	8	206823	LUBRICATION TUBE (1.1M)		1
2	656128	CS M6-1X30 C8.8 ZY		2	9	161468	NUT		4
3	161675	LOCKWASHER S6		2	10	161469	WASHER		4
4	161411	GREASE ZERK-7MM HEX HEAD		2	11	161457	ELBOW		2
5	161422	CAP		2	12	161401	SET SCREW		1
6	161461	SCREW JOINT		2	13	206094	PLUG SLEEVE (SN AC04159 and up)		4
7	206824	LUBRICATION TUBE (1.2M)		1					

803 - COUNTERWEIGHT

1000161409 - (SN AD05301 AND UP)



Ref.

No. Part No.

Description

Qty.

1	205142	BUMPER	1
2	205143	HEX SCREW	2
3	7469172005	WASHER	3
4	177660	PLUG	1
5	205144	COVER	2
6	205145	HEX SCREW	1

Ref.

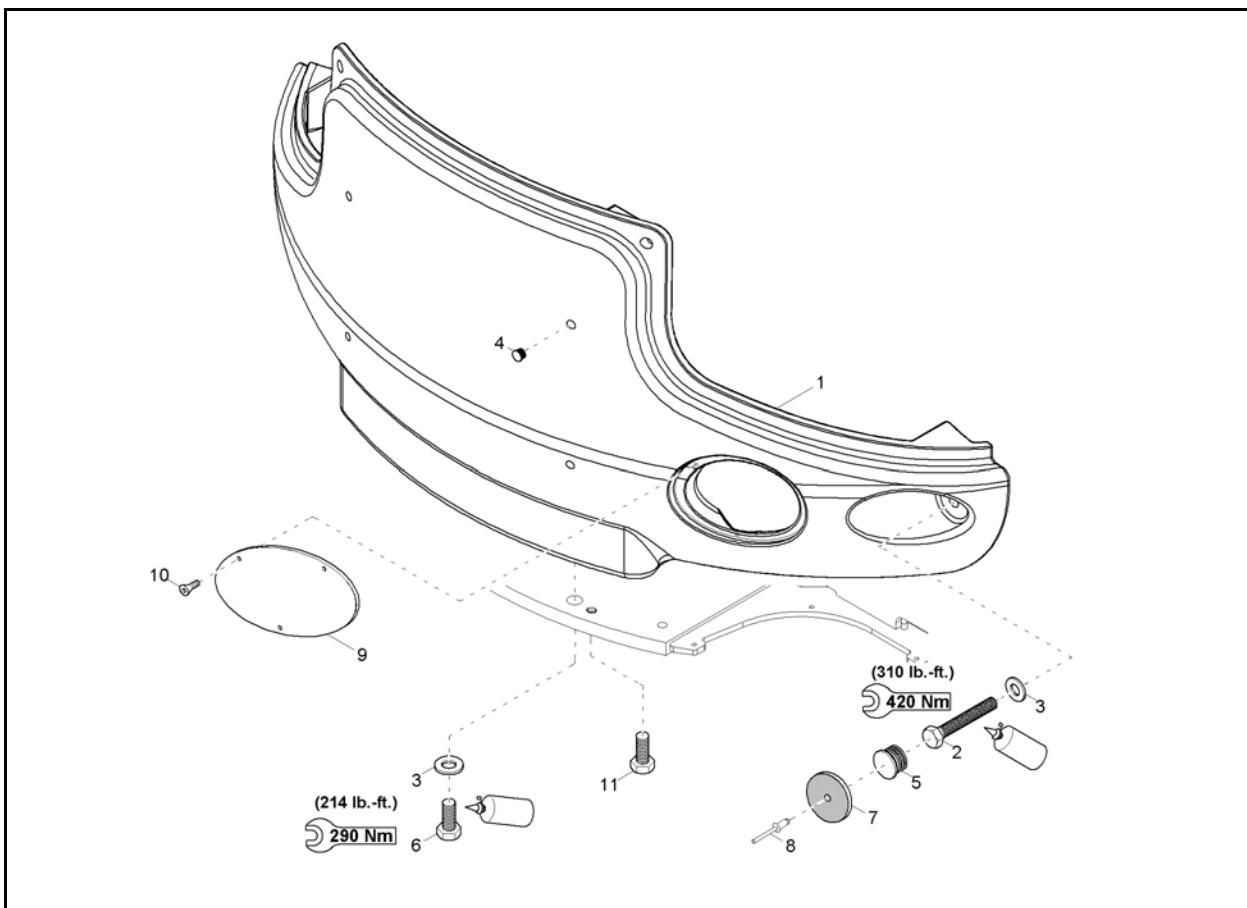
No. Part No.

Description

Qty.

7	165222	REFLECTOR	2
8	161627	POP RIVET A4 X 12	2
9	177046	COVER	1
10	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	3
11	205146	THREAD PIN	1

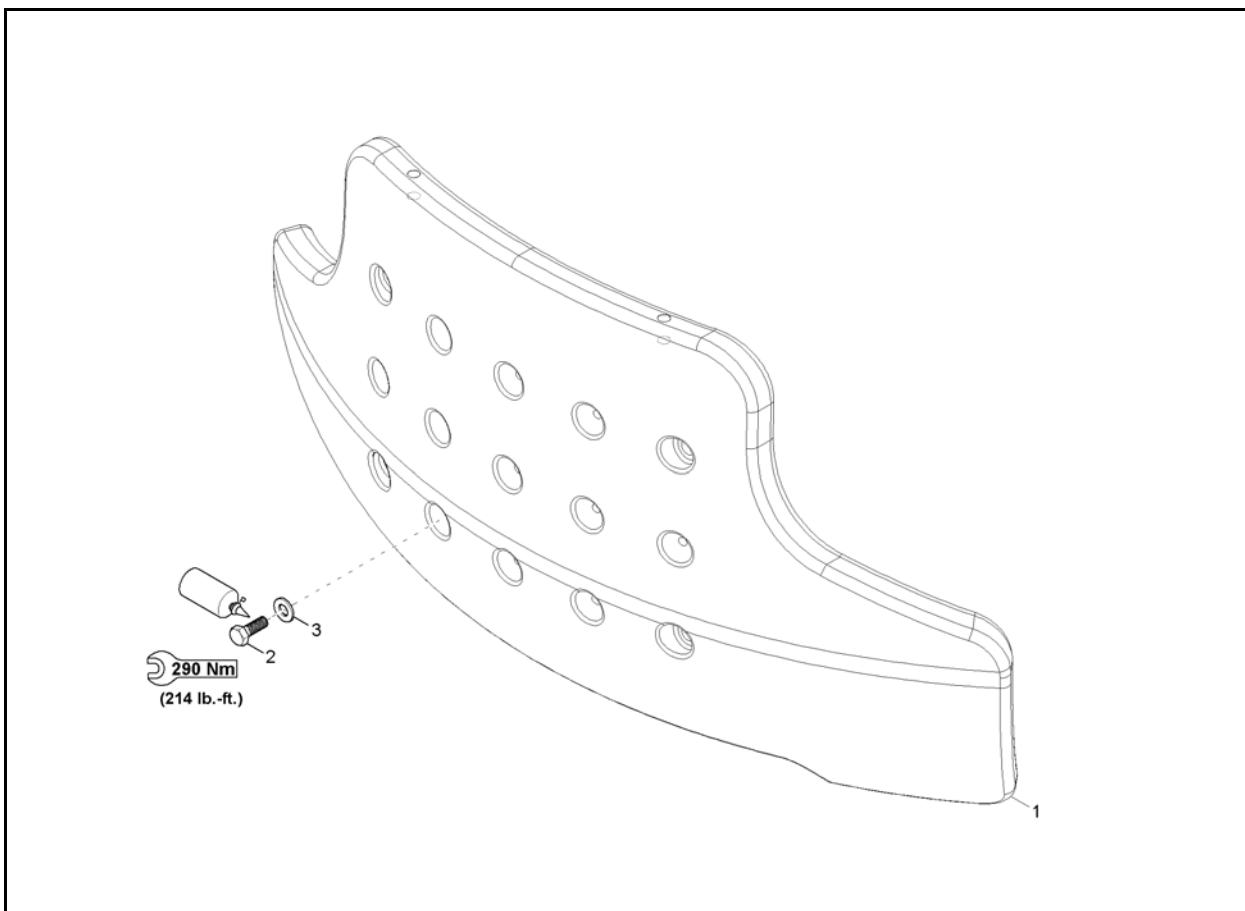
803 - COUNTERWEIGHT
1000133144 - (SN AD05300 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205091	KIT/COUNTERWEIGHT REPLACEMENT	1	7	165222	REFLECTOR	2
2	177687	HEX SCREW	2	8	161627	POP RIVET A4 X 12	2
3	161653	WASHER/ROUND HI-TENS 21	3	9	177046	COVER	1
4	177660	PLUG	4	10	651460	FHSCS M5-0.8X16 C8.8 ZY DIN7991	3
5	177696	COVER	2	11	177657	HEX SCREW	1
6	656040	CS M20-2.5X70 C8.8 ZY DIN931	1				

803 - COUNTERWEIGHT (OPTION)

1000133145



Ref.

No. Part No.

Description

Qty.

1 177189 COUNTERWEIGHT 882 LBS (400 KG) 1

2 656040 CS M20-2.5X70 C8.8 ZY DIN931 4

Ref.

No. Part No.

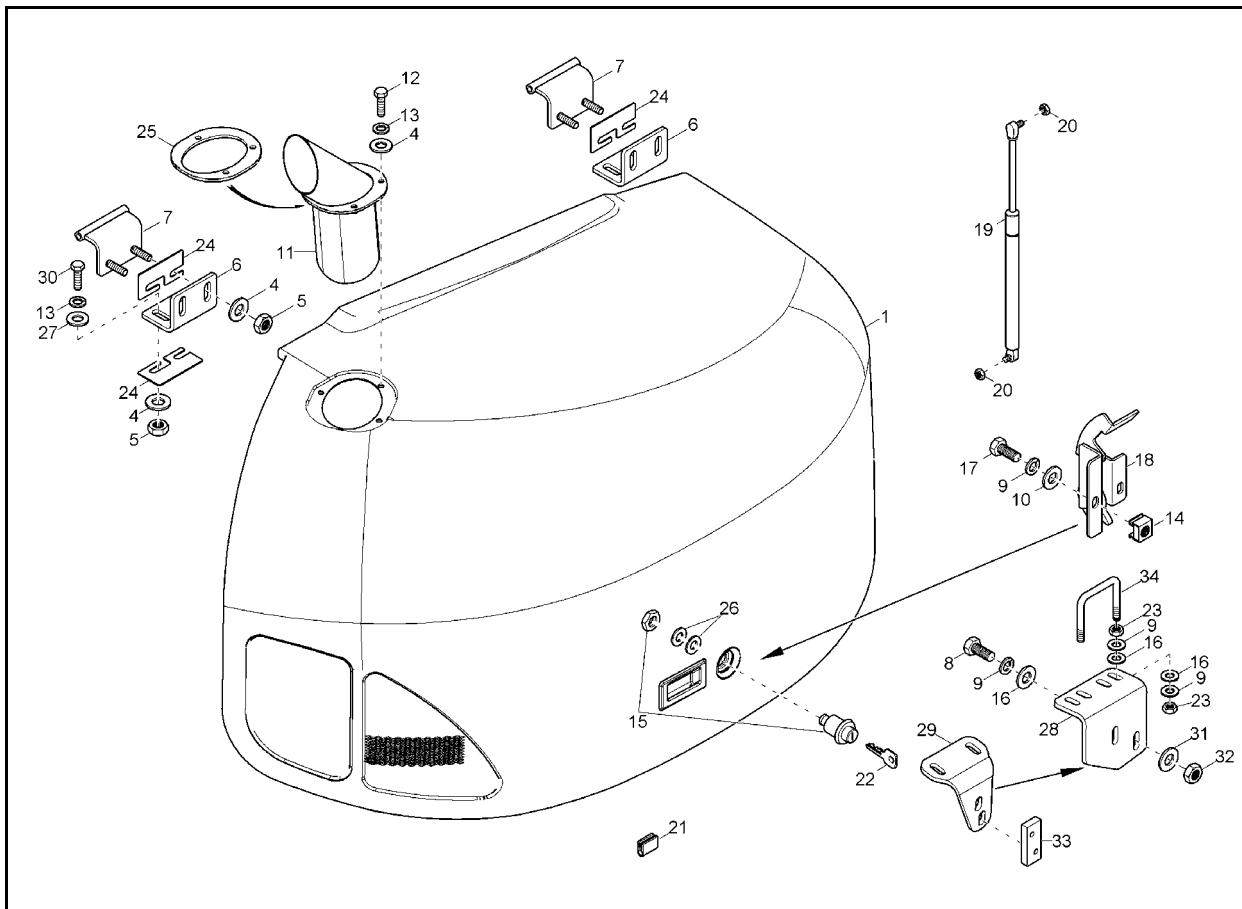
Description

Qty.

3 161653 WASHER/ROUND HI-TENS 21

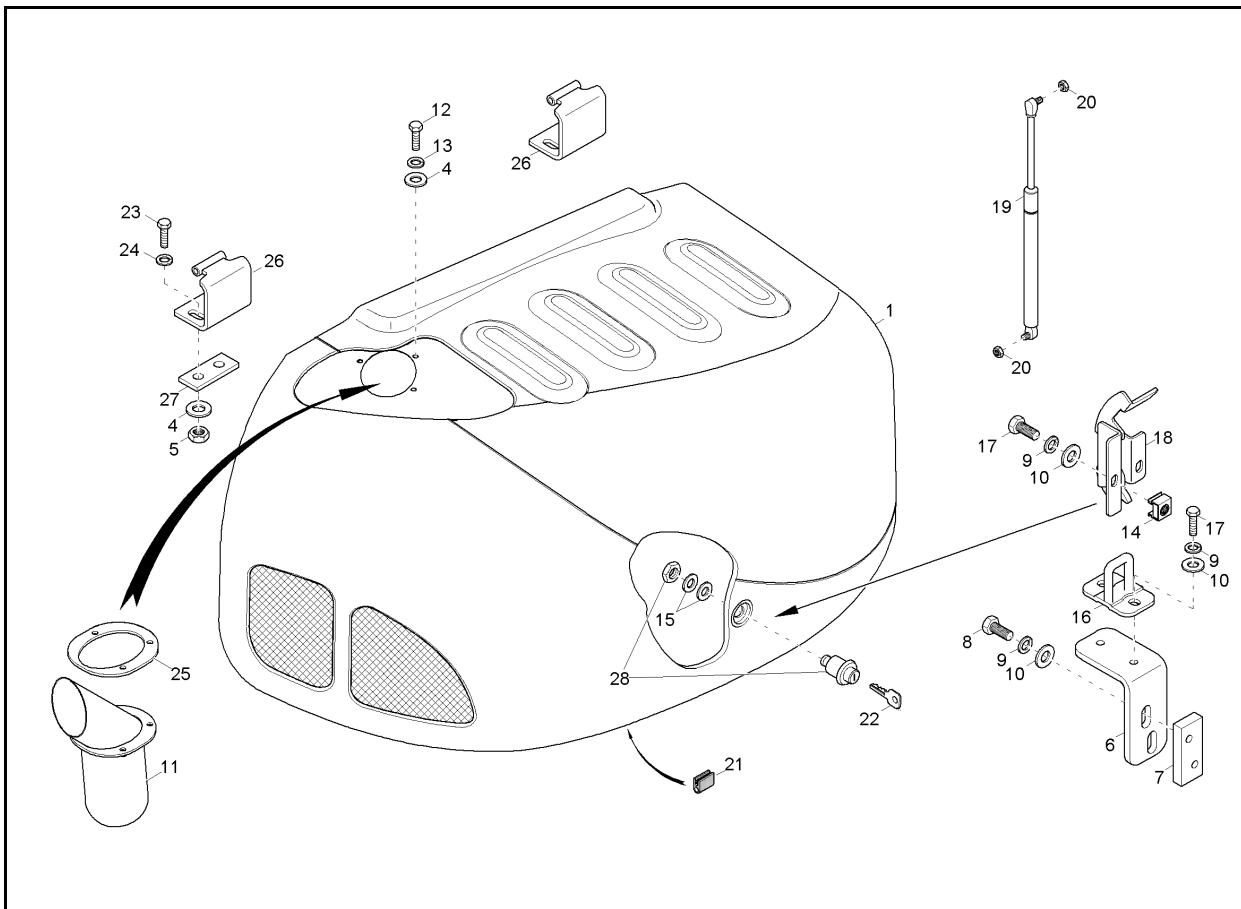
4

803 - ENGINE HOOD - TIER III
1000180371 - (SN AH00611 AND UP)



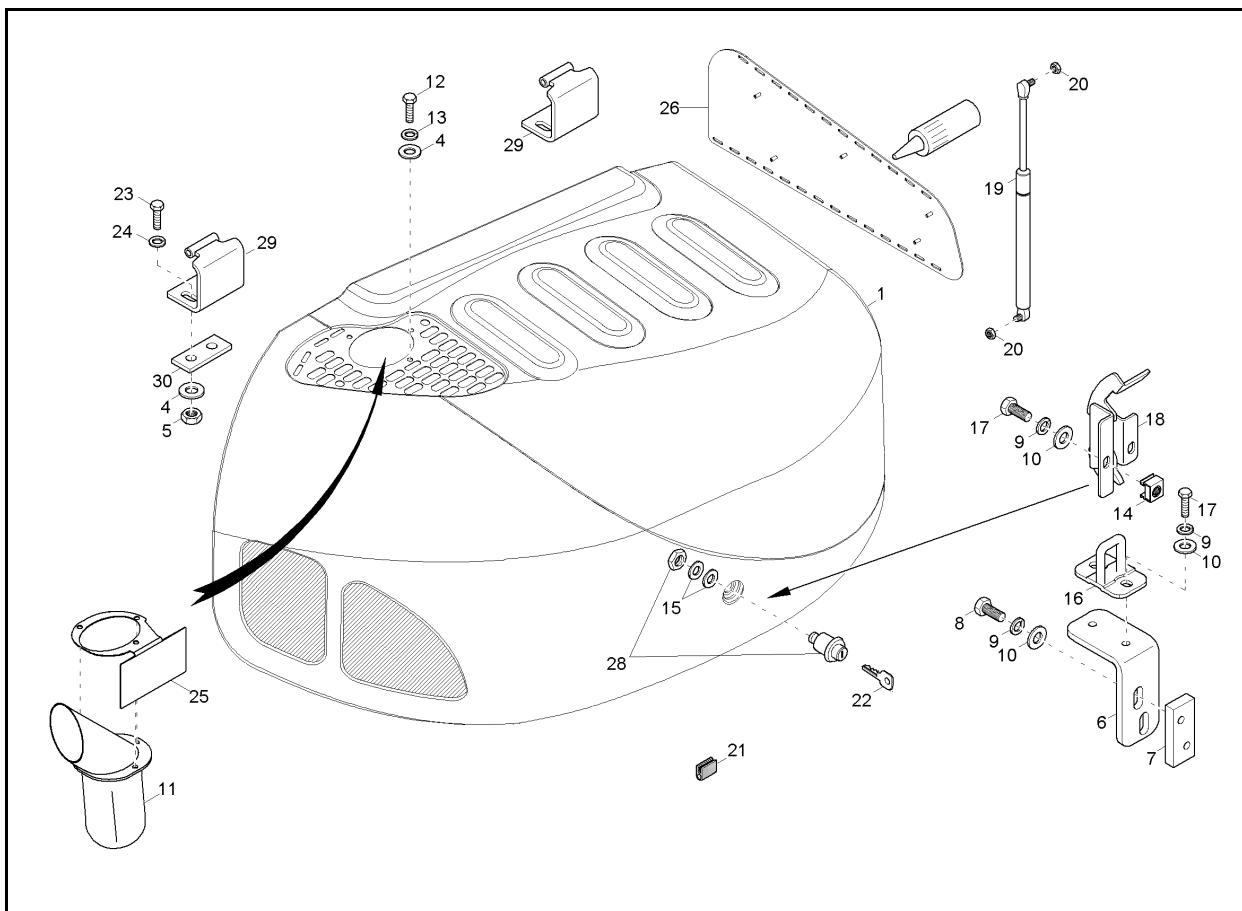
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203417	ENGINE HOOD	1	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
4	161640	WASHER/GR A 10.5	11	21	205400	RUBBER PROFILE (3.50M)	1
5	651448	LN INS M10-1.5 C8 ZY DIN6924	8	22	101792	KEY	1
6	203418	BRACKET	2	23	656048	HN M8-1.25 C8 ZY DIN934	4
7	202528	BRACKET	2	24	177819	BRACKET	3
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	25	205526	ISOLATION MAT	1
9	163670	LOCKWASHER	8	26	206877	SPACER	2
10	163634	WASHER	2	27	163642	WASHER	4
11	205137	EXHAUST COVER	1	28	202529	BRACKET	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	29	203419	BRACKET (SN AH00914 and up)	1
13	161669	LOCKWASHER S10	7	30	651395	CS M10-1.5X30 C10.9 ZY DIN931	4
14	161615	NUT/CAGE M8	2	31	163642	WASHER (SN AH00913 and before)	2
15	177678	LOCK W/O KEY	1	32	651448	LN INS M10-1.5 C8 ZY DIN6924 (SN AH00913 and before)	2
16	7462680011	WASHER 8.4 ST A2C	6	33	162716	PLATE (SN AH00914 and up)	1
17	177648	HEX SCREW	2	34	205777	U-BOLT	1
18	204993	HOOD LATCH	1				
19	177044	GAS STRUT	1				

803 - ENGINE HOOD - TIER II
1000155724 - (SN AD04603 - AH00610)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1		ENGINE HOOD *	1	17	177648	HEX SCREW	4	
4	161640	WASHER/GR A 10.5	7	18	204993	HOOD LATCH	1	
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4	19	177044	GAS STRUT	1	
6	177858	ANGLE	1	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2	
7	162716	PLATE	1	21	207229	PVC EDGE PROTECTION (5.15M)	1	
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	22	101792	KEY	1	
9	163670	LOCKWASHER	6	23	651400	CS M10-1.5X40 C10.9 ZY DIN931	4	
10	7462680011	WASHER 8.4 ST A2C	6	24	163642	WASHER	4	
11	205137	EXHAUST COVER	1	25	205526	ISOLATION MAT	1	
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	26	177099	HINGE ANGLE	2	
13	161669	LOCKWASHER S10	3	27	177819	BRACKET	1	
14	161615	NUT/CAGE M8	2	28	177678	LOCK W/O KEY	1	
15	206877	SPACER	2	* For service, order Engine Hood Kit No. 202657.				
16	177677	LOCKING WEDGE	1					

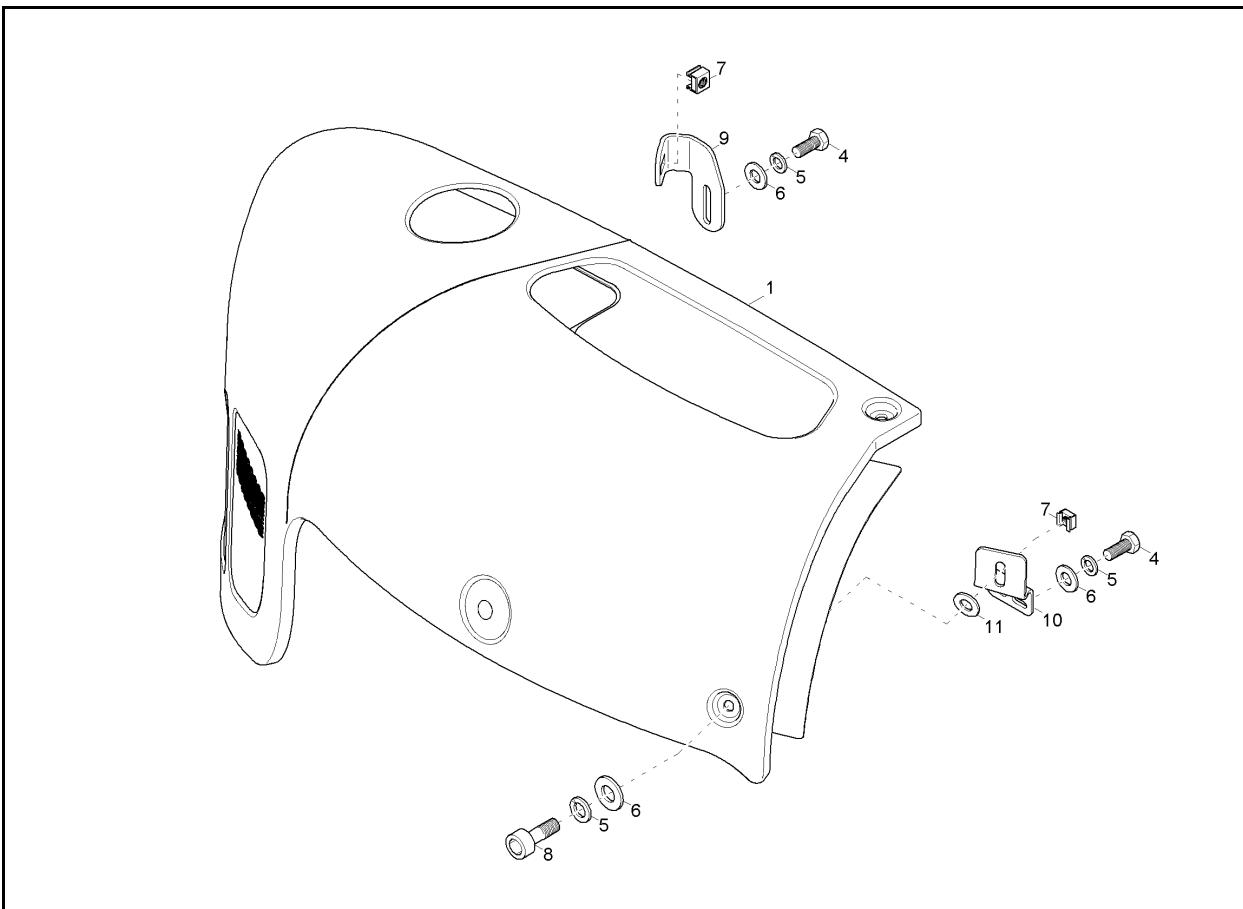
803 - ENGINE HOOD - TIER II
1000132495 - (SN AD04602 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1		ENGINE HOOD *	1	18	204993	HOOD LATCH	1
4	161640	WASHER/GR A 10.5	7	19	177044	GAS STRUT	1
5	651448	LN INS M10-1.5 C8 ZY DIN6924	4	20	651458	LN INS M8-1.25 C8 ZY DIN6924	2
6	177858	ANGLE	1	21	207229	PVC EDGE PROTECTION (5.15M)	1
7	162716	PLATE	1	22	101792	KEY	1
8	656094	CS M8-1.25X30 C8.8 ZY DIN931	2	23	651400	CS M10-1.5X40 C10.9 ZY DIN931	4
9	163670	LOCKWASHER	6	24	163642	WASHER	4
10	7462680011	WASHER 8.4 ST A2C	6	25	208240	BRACKET (SN AC02775 - AD04602)	1
11	177763	EXHAUST COVER	1	26	208241	COVER PLATE (SN AC02775 - AC03672)	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	3	28	177678	LOCK W/O KEY	1
13	161669	LOCKWASHER S10	3	29	177099	HINGE ANGLE	2
14	161615	NUT/CAGE M8	2	30	177819	BRACKET	1
15	206877	SPACER	2			* For service, order Engine Hood Kit No. 202657.	
16	177677	LOCKING WEDGE	1				
17	177648	HEX SCREW	4				

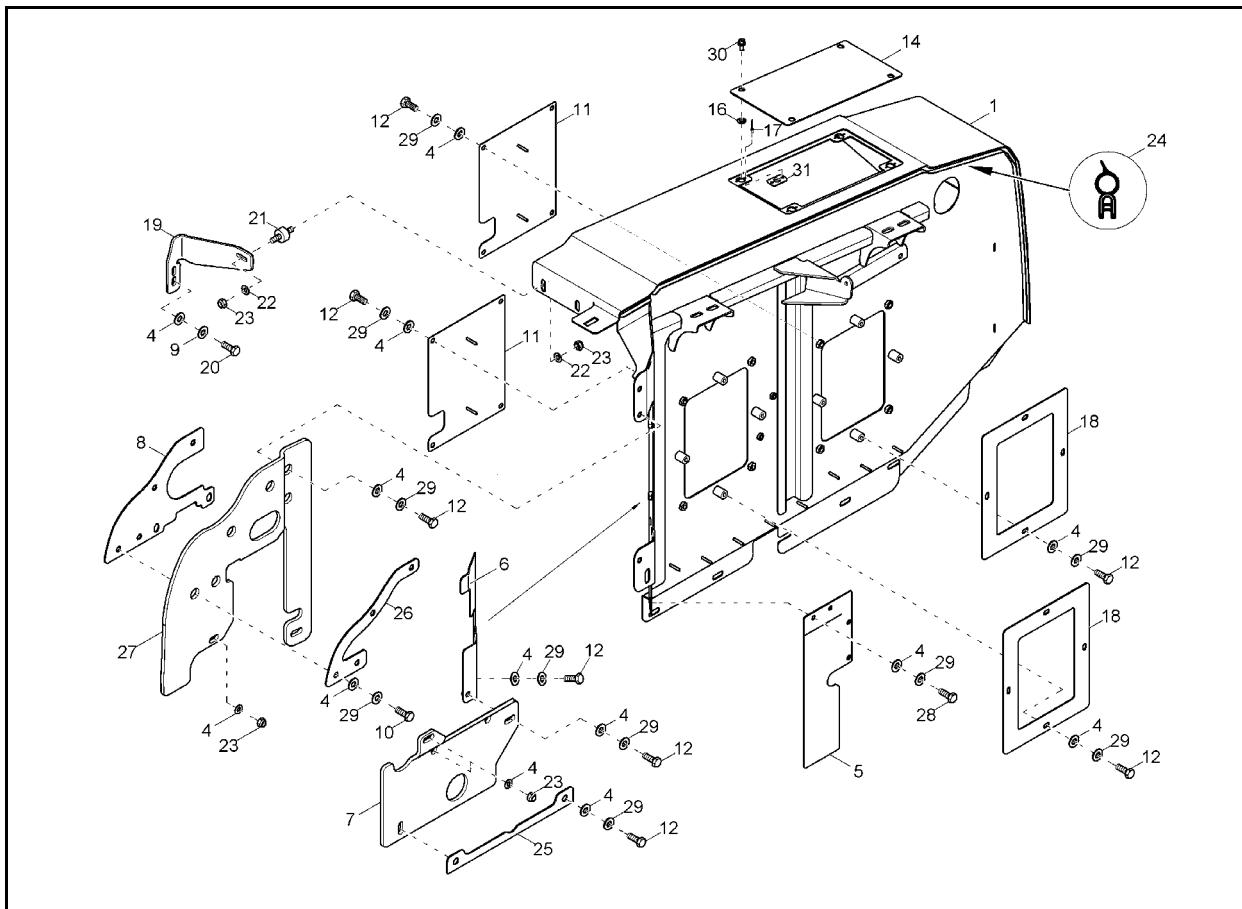
803 - TANK COVER

1000132375



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	205099	TANK COVER	1	8	651475	SHCS M10-1.25X30 F8.8 ZY DIN912	3
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	4	9	177784	BRACKET	1
5	161669	LOCKWASHER S10	7	10	177785	BRACKET	1
6	161663	WASHER/GR A 10.5 ZO	7	11	178967	CORK WASHER	3
7	161610	NUT/CAGE M10	2				

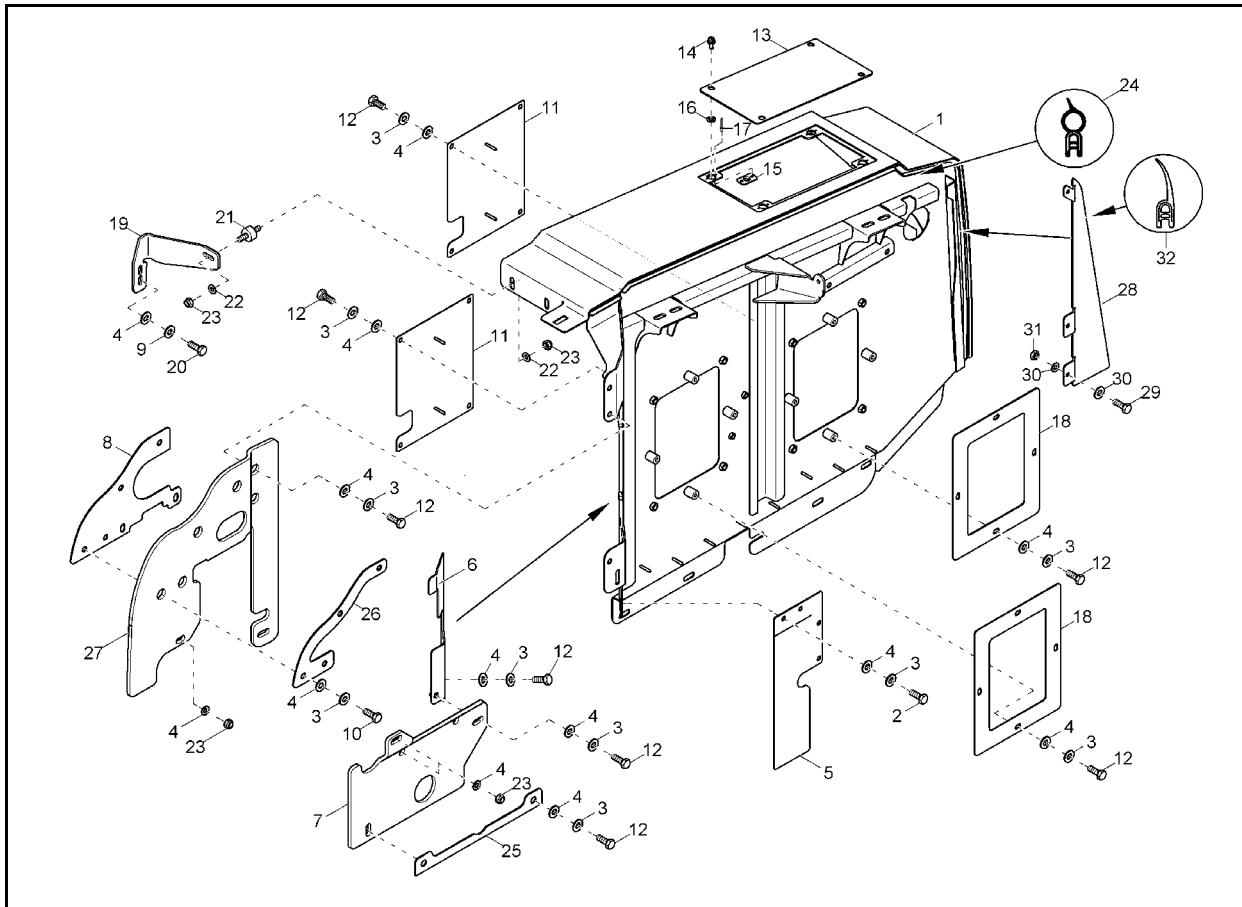
803 - PARTITION WALL
1000180369 - (SN AH00611 AND UP)



Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	203420		SEPARATING PLATE	1	19	177007		CARRIER	1
4	161640		WASHER/GR A 10.5	25	20	656090		CS M10-1.5X16 C8.8 ZY DIN931	2
5	177020		COVER	1	21	164851		RUBBER METAL BUFFER	1
6	208262		COVER PLATE	1	22	177208		SPACER	2
7	208263		RUBBER PARTITION	1	23	651448		LN INS M10-1.5 C8 ZY DIN6924	2
8	205122		FASTEN PLATE	5	24	206916		BULK/RUBBER PROFILE	1
9	163670		LOCKWASHER	7	25	208265		COVER PLATE	1
10	656008		CS M10-1.5X30 C8.8 ZY DIN931	4	26	205123		FASTEN FRAME	1
11	177084		COVER	2	27	205124		RUBBER PARTITION	1
12	656006		CS M10-1.5X20 C8.8 ZY DIN931	17	28	651395		CS M10-1.5X30 C10.9 ZY DIN931	7
14	203421		SEPARATING PLATE COVER	1	29	161669		LOCKWASHER S10	24
16	161619		WASHER/QUICK LOCK	4	30	161677		QUICKLOCK/HEXAGON	4
17	161626		RIVET/BLIND A3 X 12	4	31	161691		QUICKLOCK/LOWER	4
18	177042		FASTEN FRAME	2					

803 - PARTITION WALL

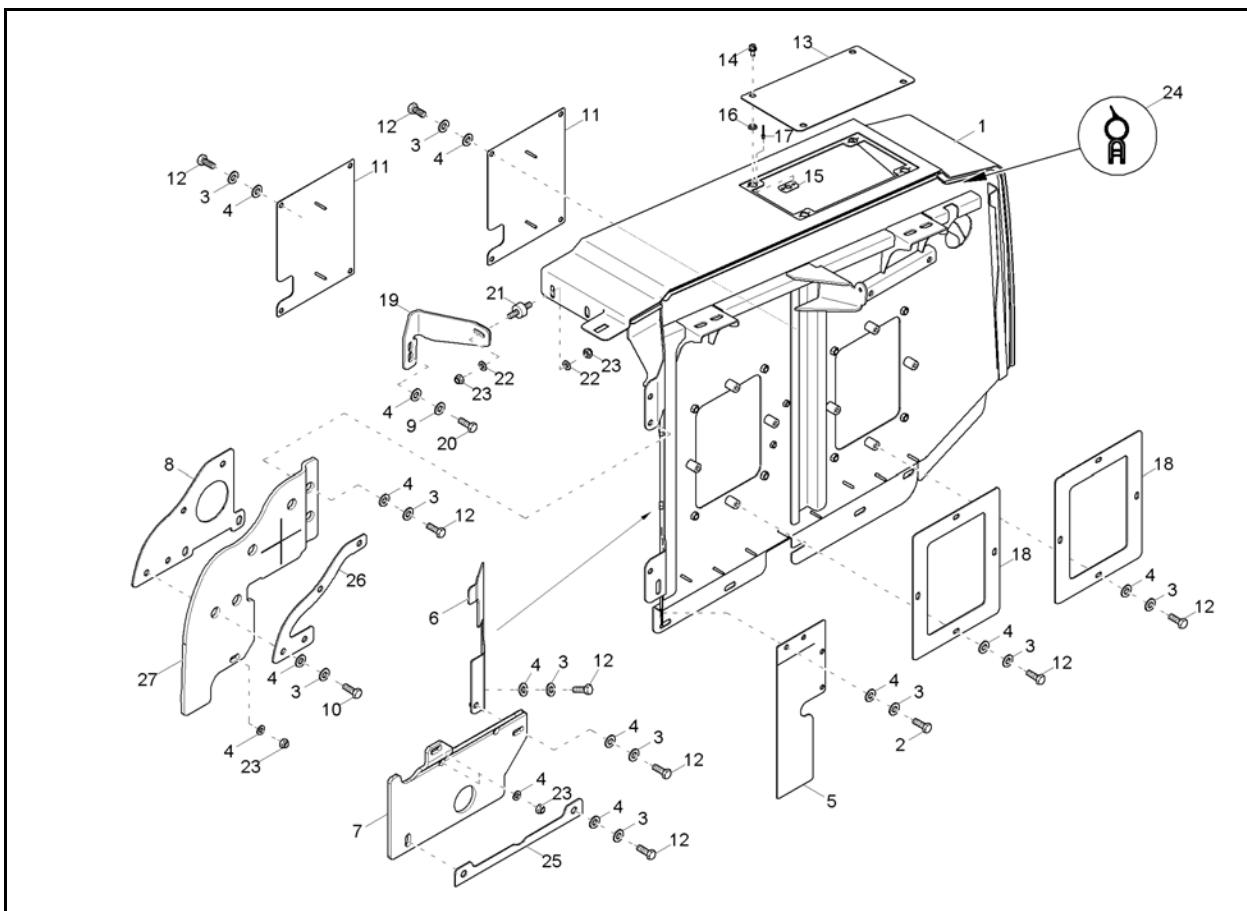
1000155715 - (SN AD04603 - AH00610)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177126	SEPARATING PLATE	1	18	177042	FASTEN FRAME	2
2	651395	CS M10-1.5X30 C10.9 ZY DIN931	7	19	177007	CARRIER	1
3	161669	LOCKWASHER S10	24	20	656090	CS M10-1.5X16 C8.8 ZY DIN931	2
4	161640	WASHER/GR A 10.5	25	21	164851	RUBBER METAL BUFFER	1
5	177020	COVER	1	22	177208	SPACER	2
6	208262	COVER PLATE	1	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
7	208263	RUBBER PARTITION	1	24	206916	BULK/RUBBER PROFILE	1
8	205122	FASTEN PLATE	5	25	208265	COVER PLATE	1
9	163670	LOCKWASHER	7	26	205123	FASTEN FRAME	1
10	656008	CS M10-1.5X30 C8.8 ZY DIN931	4	27	205124	RUBBER PARTITION	1
11	177084	COVER	2	28	203422	AIR GUIDE PLATE *	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	17	29	656105	CS M8-1.25X25 C8.8 ZY DIN931	3
13	177068	SEP.PLATE COVER	1	30	163634	WASHER	6
14	161677	QUICKLOCK/HEXAGON	4	31	651458	LN INS M8-1.25 C8 ZY DIN6924	3
15	161691	QUICKLOCK/LOWER	4	32	207159	RUBBER EXTRUSION (0.55M)	1
16	161619	WASHER/QUICK LOCK	4				
17	161626	RIVET/BLIND A3 X 12	4				

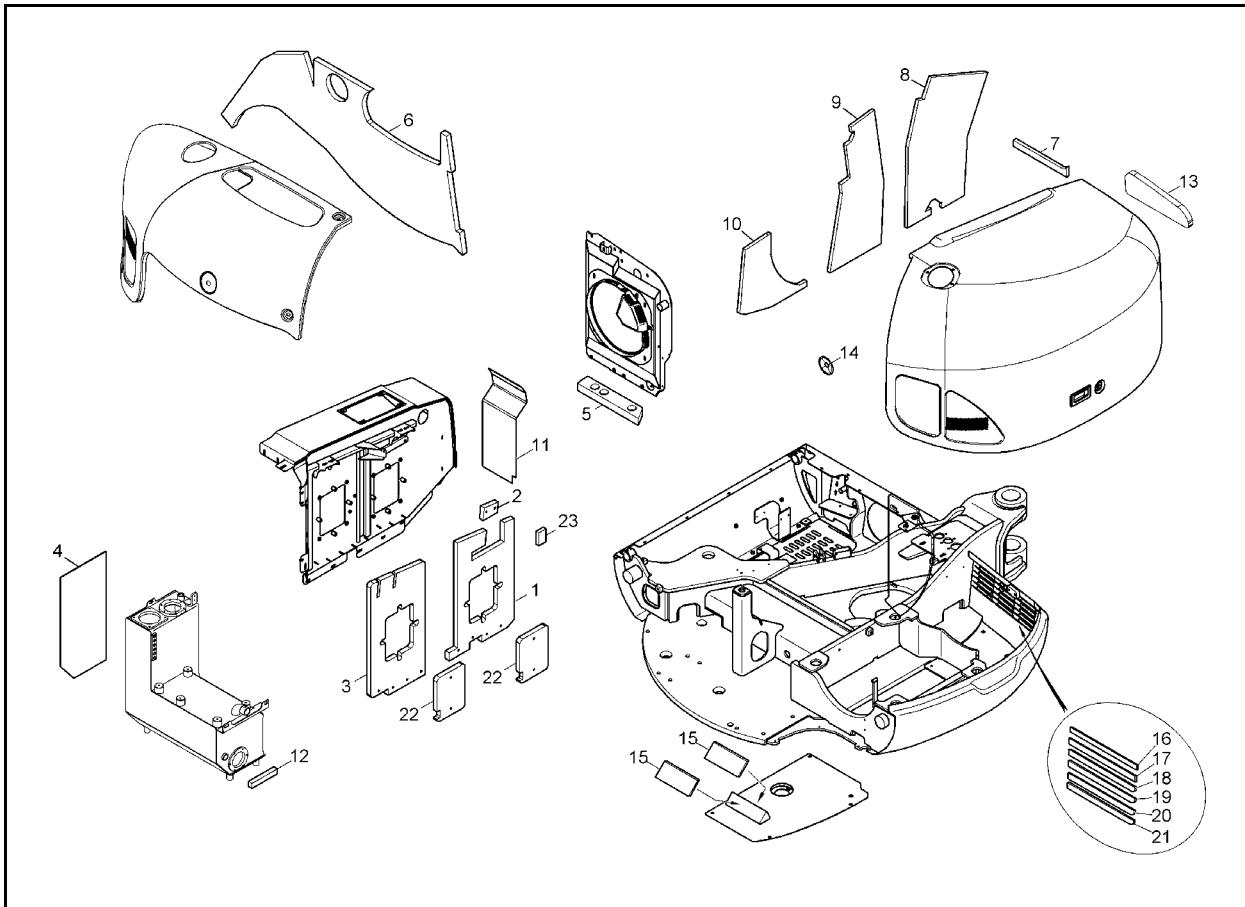
* Included in Engine Hood Kit No. 202657.

803 - PARTITION WALL
1000135035 - (SN AD04602 AND BEFORE)



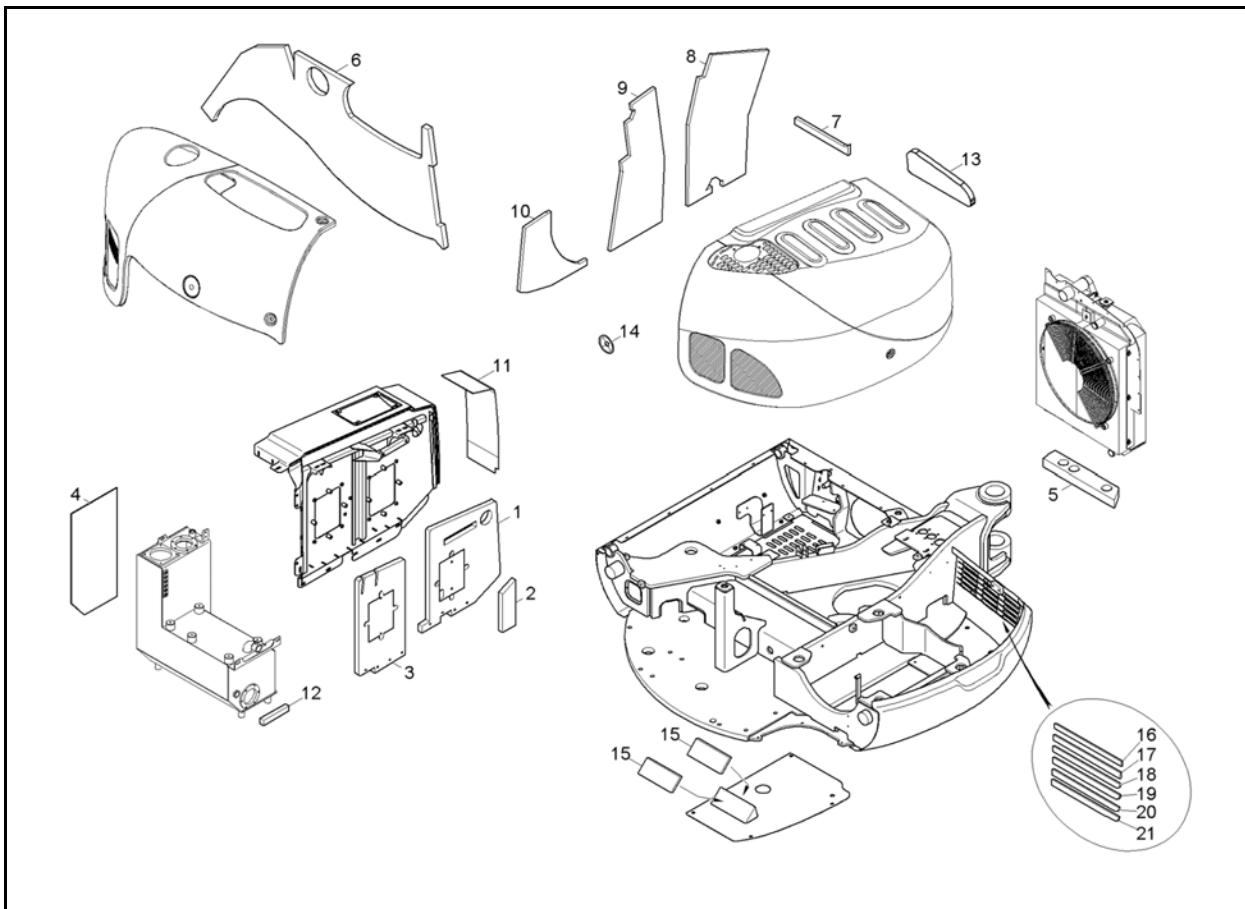
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177126	SEPARATING PLATE	1	15	161691	QUICKLOCK/LOWER	4
2	651395	CS M10-1.5X30 C10.9 ZY DIN931	7	16	161619	WASHER/QUICK LOCK	4
3	161669	LOCKWASHER S10	24	17	161626	RIVET/BLIND A3 X 12	4
4	161640	WASHER/GR A 10.5	25	18	177042	FASTEN FRAME	2
5	177020	COVER	1	19	177007	CARRIER	1
6	208262	COVER PLATE	1	20	656090	CS M10-1.5X16 C8.8 ZY DIN931	2
7	208263	RUBBER PARTITION	1	21	164851	RUBBER METAL BUFFER	1
8	205122	FASTEN PLATE	5	22	177208	SPACER	2
9	163670	LOCKWASHER	7	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
10	656008	CS M10-1.5X30 C8.8 ZY DIN931	4	24	206833	RUBBER PROFILE (1.0M)	1
11	177084	COVER	2	25	208265	COVER PLATE	1
12	656006	CS M10-1.5X20 C8.8 ZY DIN931	17	26	205123	FASTEN FRAME	1
13	177068	SEP.PLATE COVER	1	27	205106	RUBBER PARTITION	1
14	161677	QUICKLOCK/HEXAGON	4				

803 - ISOLATION MATS
1000180370 - (SN AH00611 AND UP)



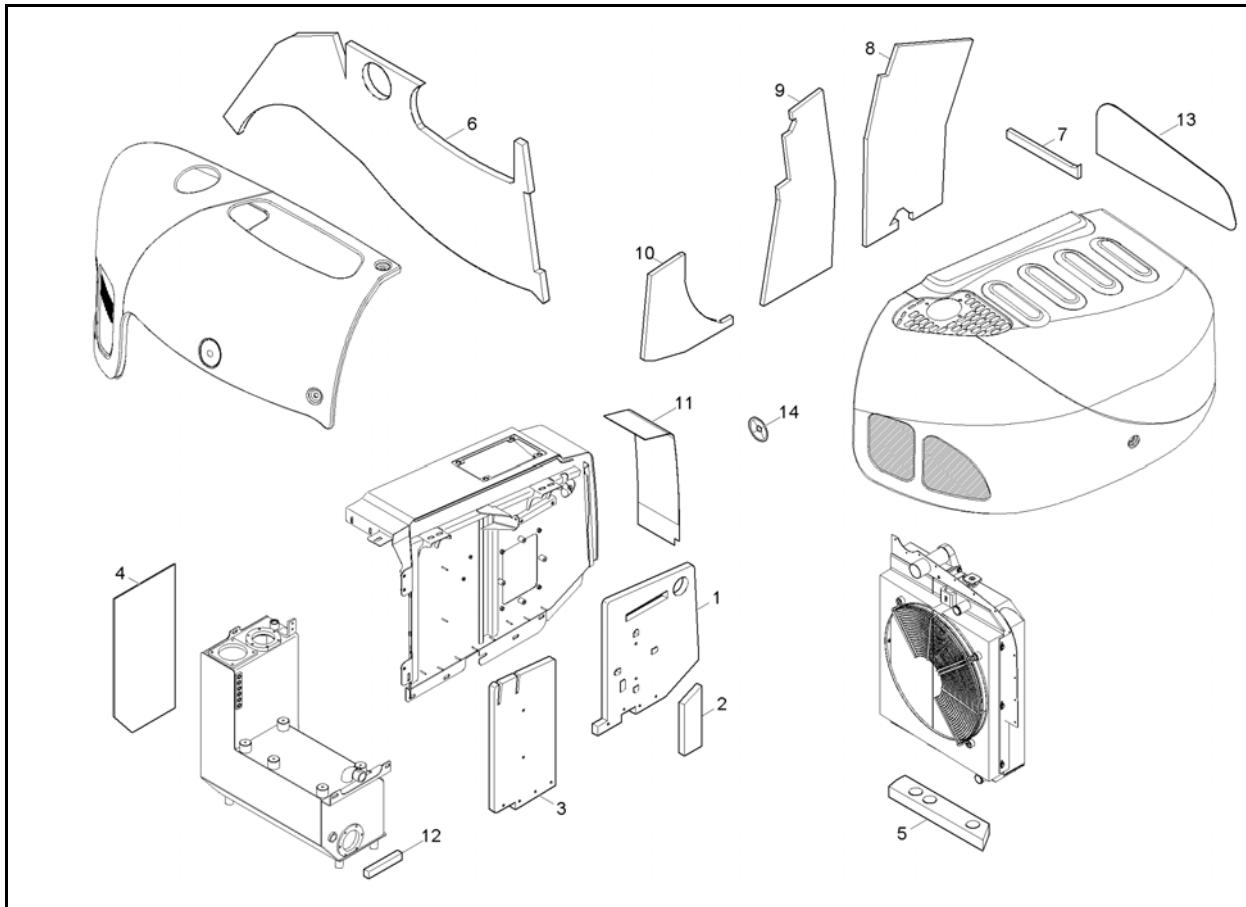
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203423	ISOLATION MAT	1	13	205125	ISOLATION MAT	1
2	203424	ISOLATION MAT	1	14	177934	CLAMP	50
3	203425	ISOLATION MAT	1	15	203427	ISOLATION MAT	2
4	177022	ISOLATION MAT	1	16	205127	ISOLATION MAT	1
5	177060	ISOLATION MAT	1	17	205128	ISOLATION MAT	1
6	177059	ISOLATION MAT	1	18	205129	ISOLATION MAT	1
7	177055	ISOLATION MAT	1	19	205130	ISOLATION MAT	1
8	177058	ISOLATION MAT	1	20	205131	ISOLATION MAT	1
9	177056	ISOLATION MAT	1	21	205132	ISOLATION MAT	1
10	177057	ISOLATION MAT	1	22	203428	ISOLATION MAT	2
11	203426	ISOLATION MAT	1	23	203429	ISOLATION MAT	1
12	208244	ISOLATION MAT	1				

803 - ISOLATION MATS
1000155719 - (SN AD04603 - AH00610)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177062	ISOLATION MAT	1	12	208244	ISOLATION MAT	1
2	208242	ISOLATION MAT	1	13	205125	ISOLATION MAT	1
3	177061	ISOLATION MAT	1	14	177934	CLAMP	50
4	177022	ISOLATION MAT	1	15	205126	ISOLATION MAT	2
5	177060	ISOLATION MAT	1	16	205127	ISOLATION MAT	1
6	177059	ISOLATION MAT	1	17	205128	ISOLATION MAT	1
7	177055	ISOLATION MAT	1	18	205129	ISOLATION MAT	1
8	177058	ISOLATION MAT	1	19	205130	ISOLATION MAT	1
9	177056	ISOLATION MAT	1	20	205131	ISOLATION MAT	1
10	177057	ISOLATION MAT	1	21	205132	ISOLATION MAT	1
11	208243	ISOLATION MAT	1				

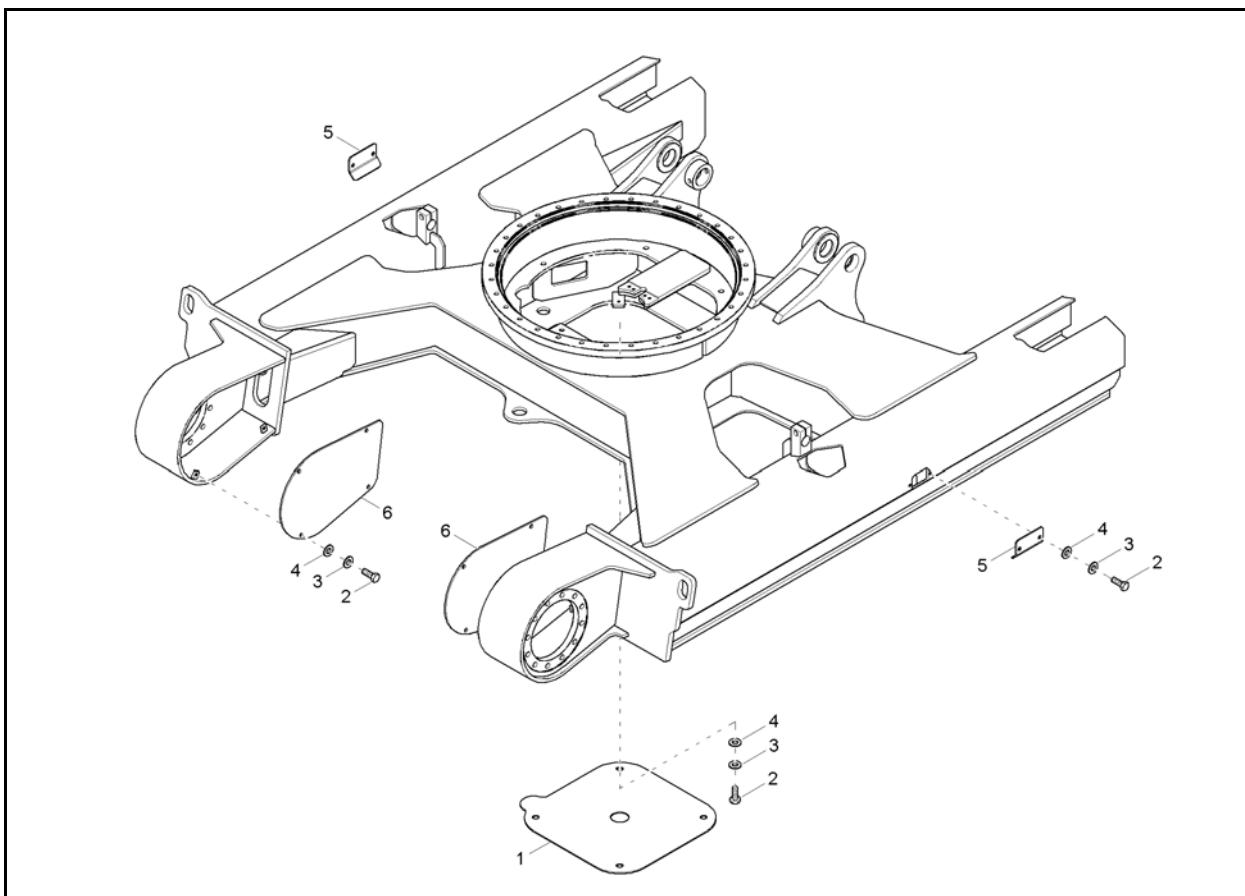
803 - ISOLATION MATS
1000132816 - (SN AD04602 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177062	ISOLATION MAT	1	9	177056	ISOLATION MAT	1
2	208242	ISOLATION MAT	1	10	177057	ISOLATION MAT	1
3	177061	ISOLATION MAT	1	11	208243	ISOLATION MAT	1
4	177022	ISOLATION MAT	1	12	208244	ISOLATION MAT	1
5	177060	ISOLATION MAT	1	13	208245	INSULATING MAT (SN AC02775 - AC03672)	1
6	177059	ISOLATION MAT	1	14	177934	CLAMP	50
7	177055	ISOLATION MAT	1				
8	177058	ISOLATION MAT	1				

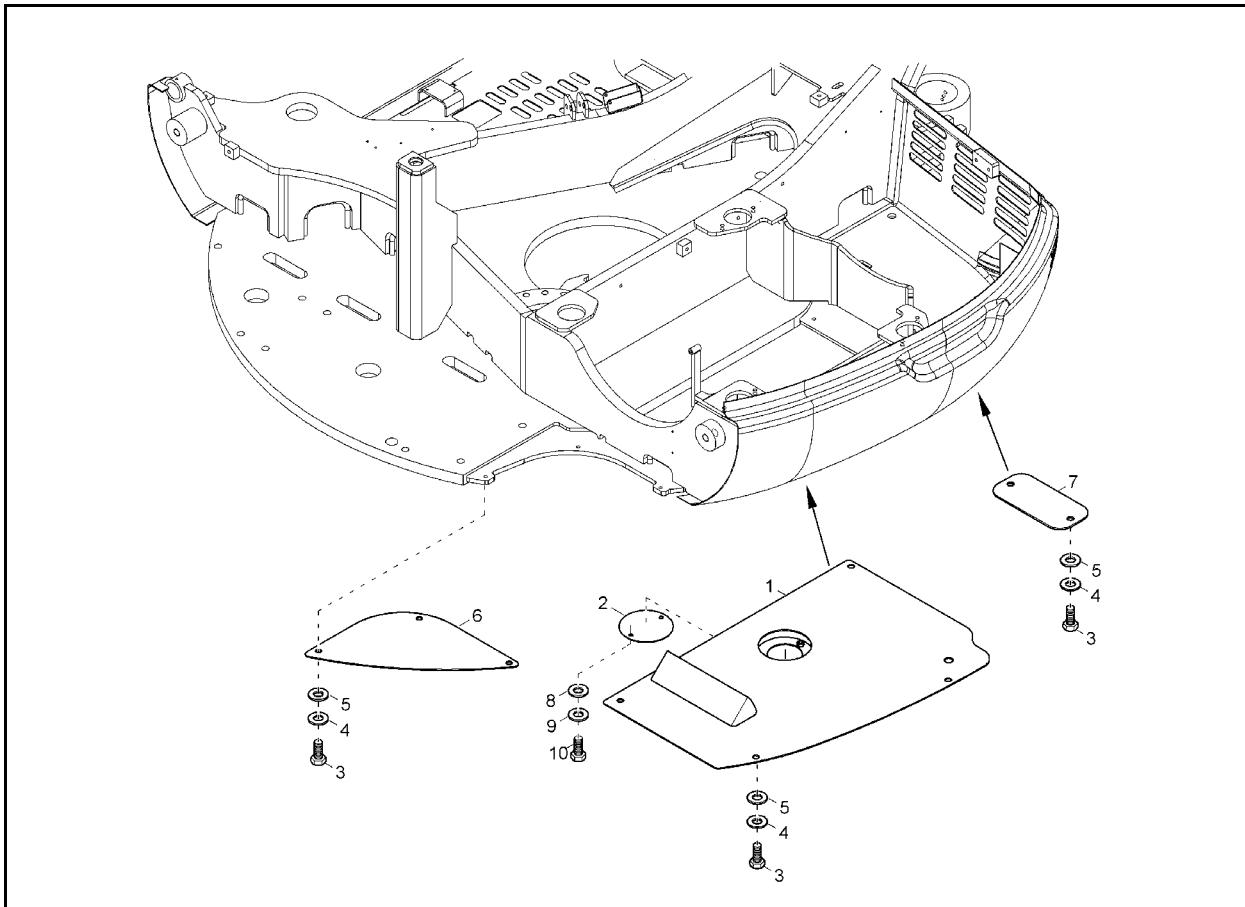
803 - UNDERCARRIAGE COVER

1000137153



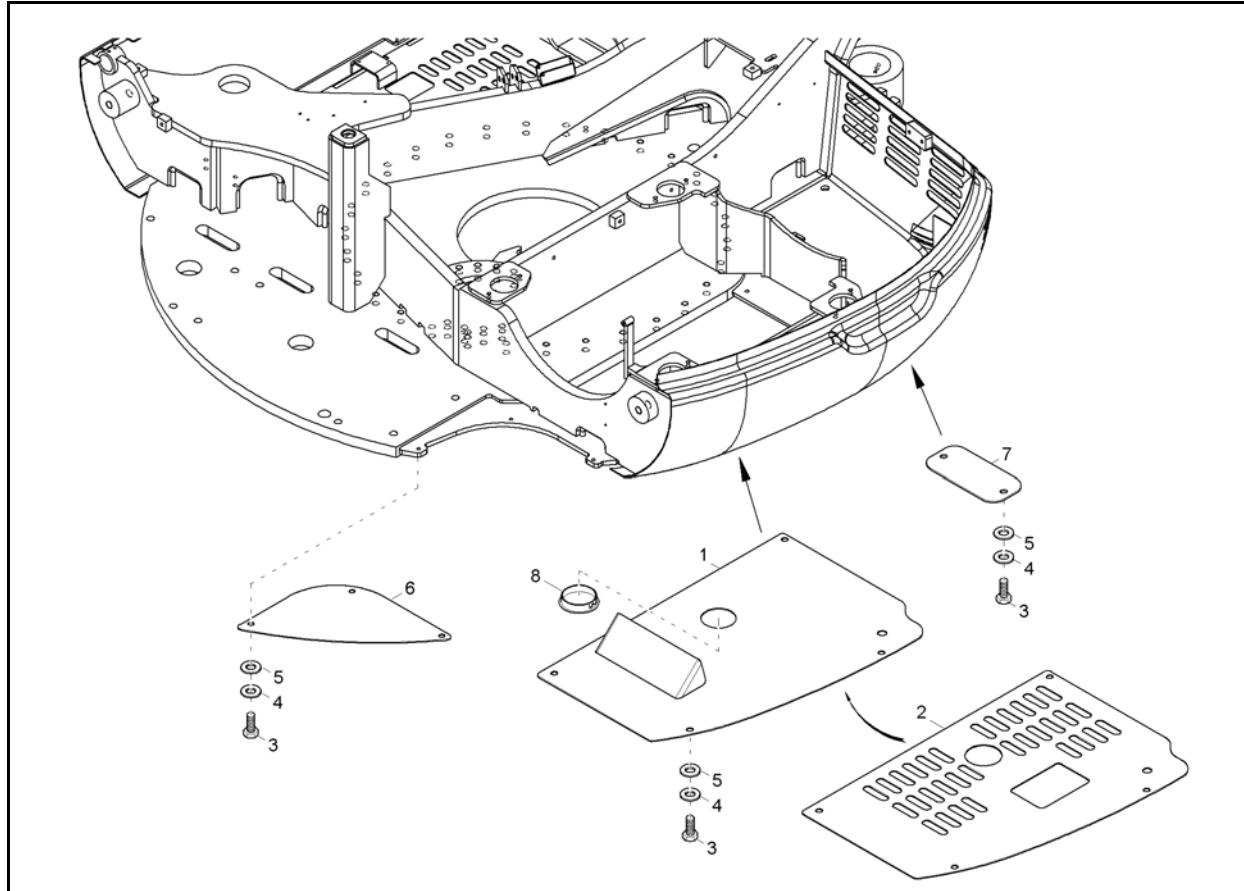
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	163172	COVER	1	4	161640	WASHER/GR A 10.5	14
2	656006	CS M10-1.5X20 C8.8 ZY DIN931	14	5	163171	COVER	2
3	161669	LOCKWASHER S10	14	6	177138	COVER/UNDERCARRIAGE	2

803 - CHASSIS COVER
1000180337 - (SN AH00611 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	203430	COVER	1	6	177070	CHASSIS COVER	1
2	203431	COVER	1	7	177504	RADIATOR DRAIN COVER	1
3	656006	CS M10-1.5X20 C8.8 ZY DIN931	9	8	163634	WASHER	2
4	161669	LOCKWASHER S10	9	9	163670	LOCKWASHER	2
5	161640	WASHER/GR A 10.5	9	10	656093	CS M8-1.25X16 C8.8 ZY DIN931	2

803 - CHASSIS COVER
1000132818 - (SN AC02528 - AD07187)



Ref.

No. Part No.

Description

Qty.

Ref.

No. Part No.

Description

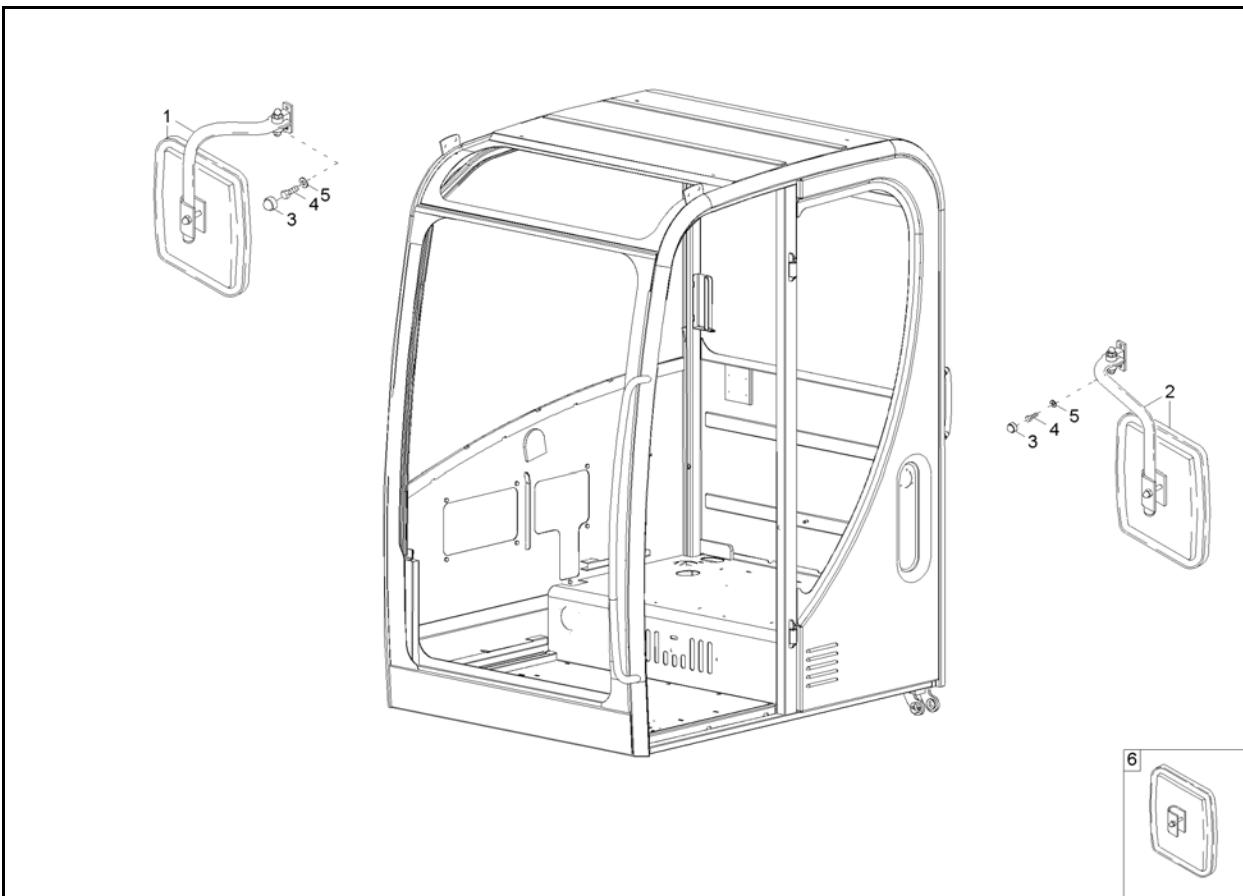
Qty.

1	177117	CHASSIS COVER	1
2	205100	CHASSIS COVER	1
3	656006	CS M10-1.5X20 C8.8 ZY DIN931	9
4	161669	LOCKWASHER S10	9

5	161640	WASHER/GR A 10.5	9
6	177070	CHASSIS COVER	1
7	177504	RADIATOR DRAIN COVER	1
8	205972	PLUG	1

803 - MIRRORS

1000131957



Ref.

No. Part No.

Description

Qty.

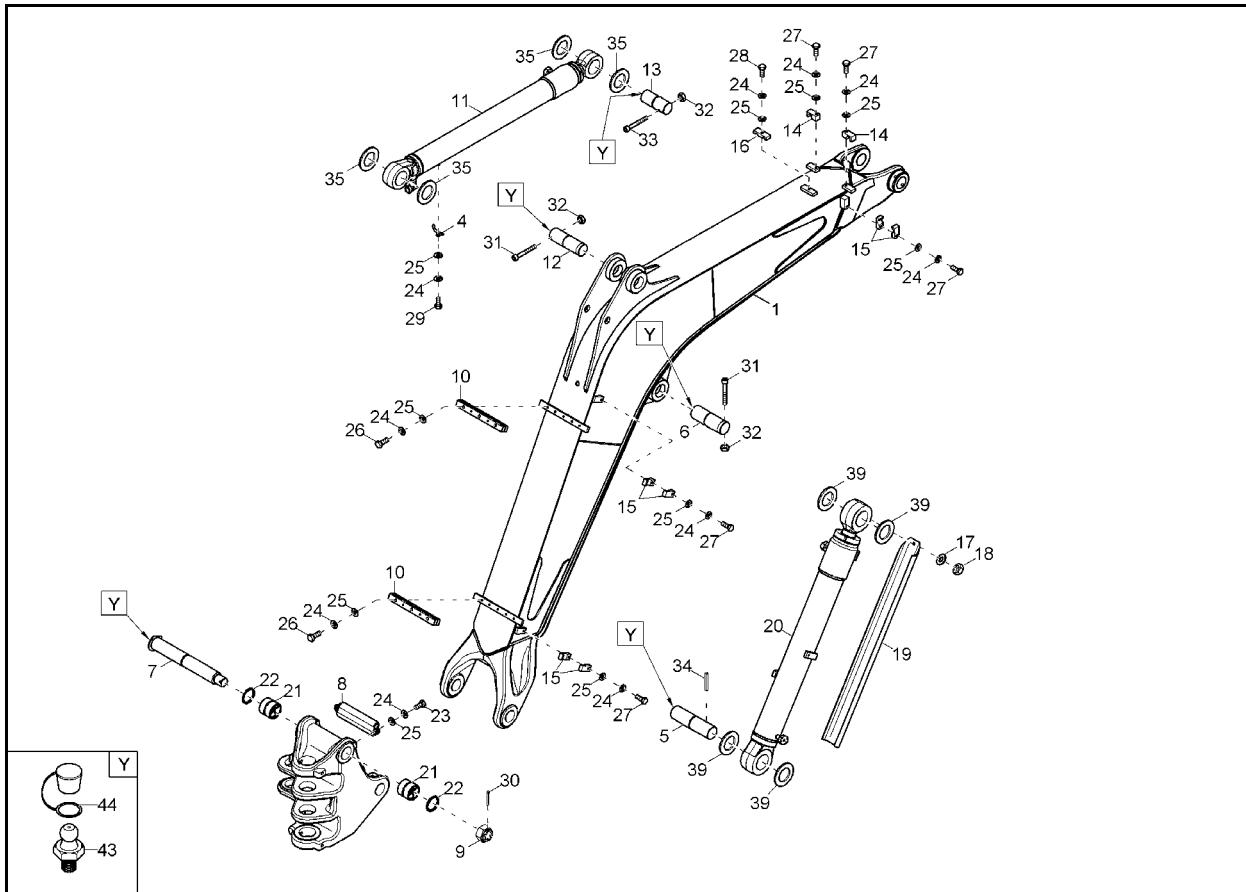
Ref.

No. Part No.

Description

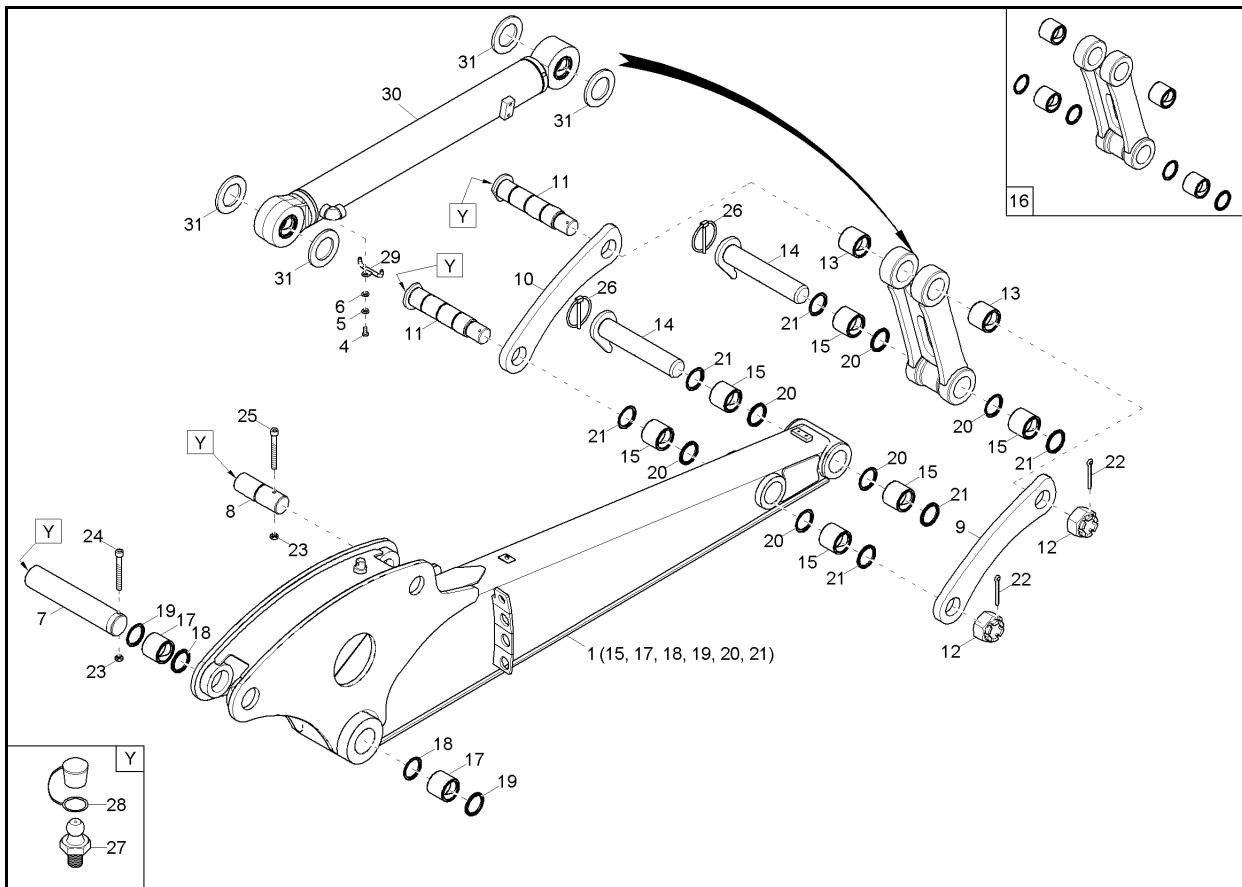
Qty.

1	163213	MIRROR RT	1	4	656149	CS M6-1X16 C8.8 ZY DIN931	4
2	162607	MIRROR LT	1	5	162924	WASHER	4
3	162737	COVER	4	6	178890	MIRROR	2



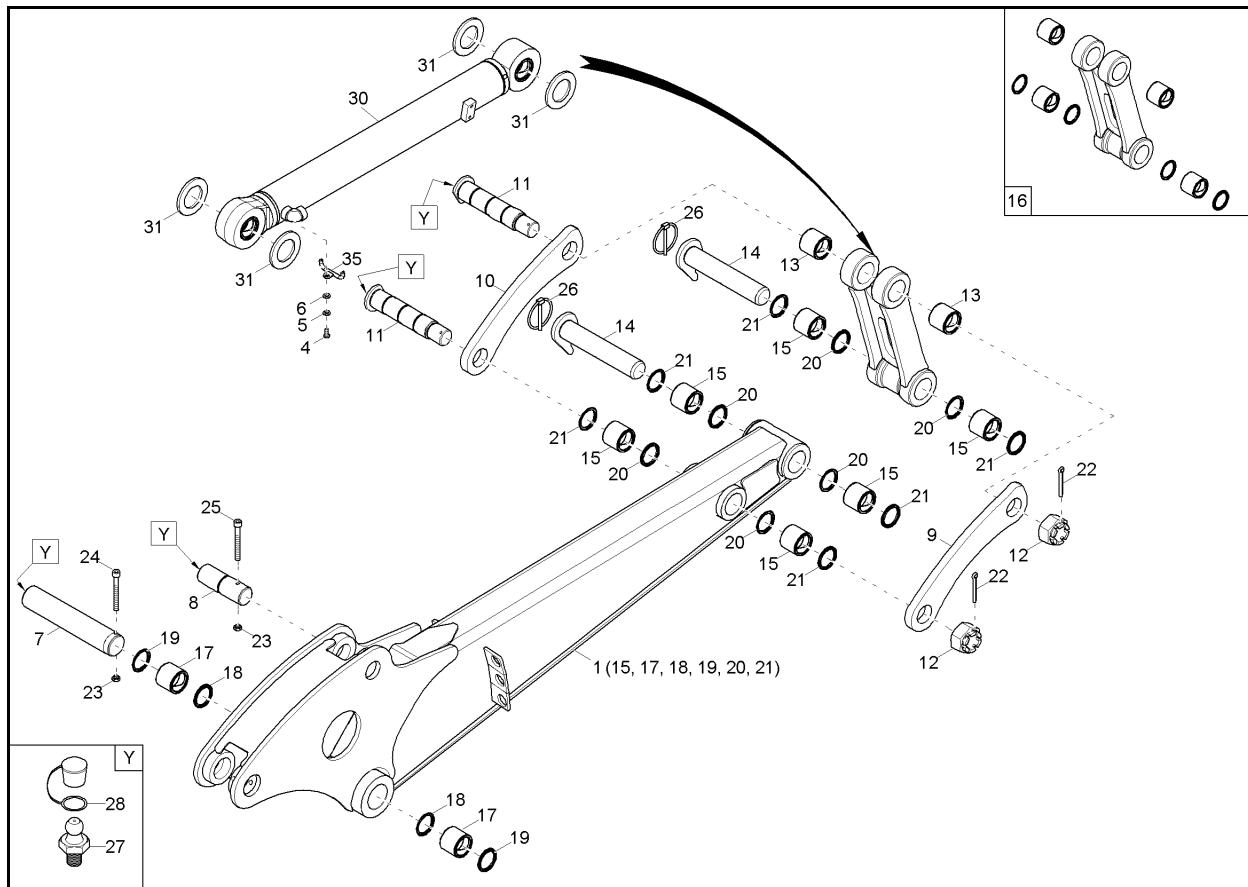
Ref.	Ref.								
No.	Part No.	Description	Qty.	No.	Part No.	Description	Qty.		
1	208268	LIFT ARM	1	24	161669	LOCKWASHER S10	15		
4	177097	BRACKET HOSE	1	25	161640	WASHER/GR A 10.5	15		
5	177170	PIN	1	26	179773	SCREW	6		
6	177166	PIN	1	27	177213	HEX SCREW	5		
7	177172	PIN	1	28	651398	CS M10-1.5X35 C10.9 ZY DIN931	1		
8	177177	CLAMP STRAP	1	29	656006	CS M10-1.5X20 C8.8 ZY DIN931	1		
9	651444	HN SLTD M48-3 F8 ZY DIN935	1	30	161683	PIN/SPRING M8X80 ZO	1		
10	177175	PIPE CLAMP	2	31	176974	SHCS	2		
11	177186	DIPPER ARM CYLINDER See page 87 for individual components	1	32	651448	LN INS M10-1.5 C8 ZY DIN6924	3		
12	177167	PIN	1	33	179780	SCREW	1		
13	177169	PIN	1	34	208269	COTTER PIN	1		
14	177041	PIPE CLAMP	2	35	208271	SHIM - 0.5 MM	AR		
15	177173	PIPE CLAMP	6		208272	SHIM - 1.0 MM	AR		
16	177174	PIPE CLAMP	1		208273	SHIM - 1.5 MM	AR		
17	177454	SPACER	1		208270	SHIM - 2.0 MM	AR		
18	177219	HEXAGON NUT	1	39	208277	SHIM - 0.5 MM	AR		
19	177176	PROTECTING RAIL	1		208276	SHIM - 1.0 MM	AR		
20	204921	BOOM CYLINDER See page 84 for individual components	1		208275	SHIM - 1.5 MM	AR		
21	161518	BUSHING	2		208274	SHIM - 2.0 MM	AR		
22	161583	SEAL	2	43	161412	GREASE ZERK-9MM HEX HEAD	5		
23	651395	CS M10-1.5X30 C10.9 ZY DIN931	2	44	161422	CAP	5		

803 - DIPPER ARM - SHORT
1000170873 - (SN AD06497 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	203533	PRE-ASSD DIPPER ARM - SHORT (Includes Ref. Nos. 15, 17-19, 20 & 21) See page 88, Ref. No.2 for required HP hoses	1	18	177217	LOCK RING	2
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	1	19	161583	SEAL	2
5	161669	LOCKWASHER S10	1	20	161409	WASHER	6
6	161640	WASHER/GR A 10.5	1	21	161581	SEAL	6
7	177168	PIN	1	22	161683	PIN/SPRING M8X80 ZO	2
8	177163	PIN	1	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
9	177161	PIVOT PLATE	1	24	176974	SHCS	1
10	177162	PIVOT PLATE	1	25	179780	SCREW	1
11	177171	PIN	2	26	161405	LYNCH PIN	2
12	651444	HN SLTD M48-3 F8 ZY DIN935	2	27	161412	GREASE ZERK-9MM HEX HEAD	4
13	161517	BUSHING	2	28	161422	CAP	4
14	177164	PIN	2	29	177899	BRACKET/HOSE	1
15	161528	BUSHING	6	30	206858	BUCKET CYLINDER See page 90 for individual components	1
16	176963	PRE-ASSD CONNECTING LINK (Includes Ref. Nos. 13, 15, 20 & 21)	1	31	208122	SHIM	AR
17	161519	BUSHING	2		208121	SHIM	AR
					208120	SHIM	AR
					208119	SHIM	AR

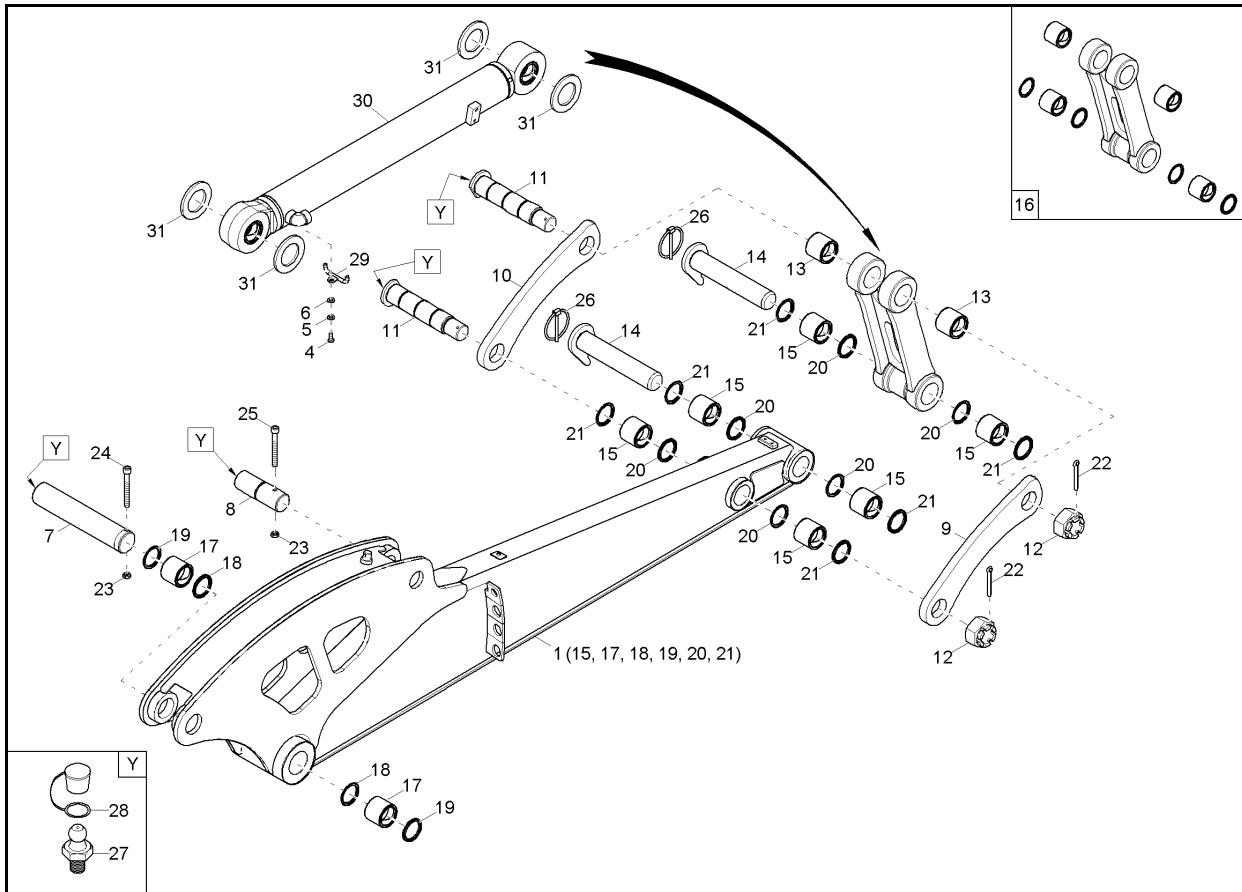
803 - DIPPER ARM - SHORT
1000135032 - (SN AD06496 AND BEFORE)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	204891	PRE-ASSD DIPPER ARM - SHORT (Includes Ref. Nos. 15, 17-19, 20 & 21) See page 88, Ref. No.2 for required HP hoses	1	20	161409	WASHER	6
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	1	21	161581	SEAL	6
5	161669	LOCKWASHER S10	1	22	161683	PIN/SPRING M8X80 ZO	2
6	161640	WASHER/GR A 10.5	1	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
7	177168	PIN	1	24	176974	SHCS	1
8	177163	PIN	1	25	179780	SCREW	1
9	177161	PIVOT PLATE	1	26	161405	LYNCH PIN	2
10	177162	PIVOT PLATE	1	27	161412	GREASE ZERK-9MM HEX HEAD	4
11	177171	PIN	2	28	161422	CAP	4
12	651444	HN SLTD M48-3 F8 ZY DIN935	2	30	206858	BUCKET CYLINDER (SN AC03889 and up) See page 90 for individual components	1
13	161517	BUSHING	2		204997	KIT/BUCKET CYLINDER (SN AC03888 and before) See page 91 for individual components	1
14	177164	PIN	2	31	208121	SHIM	AR
15	161528	BUSHING	6		208119	SHIM	AR
16	176963	PRE-ASSD CONNECTING LINK (Includes Ref. Nos. 13, 15, 20 & 21)	1		208122	SHIM	AR
17	161519	BUSHING	2		208120	SHIM	AR
18	177217	LOCK RING	2	35	177899	BRACKET/HOSE	1
19	161583	SEAL	2				

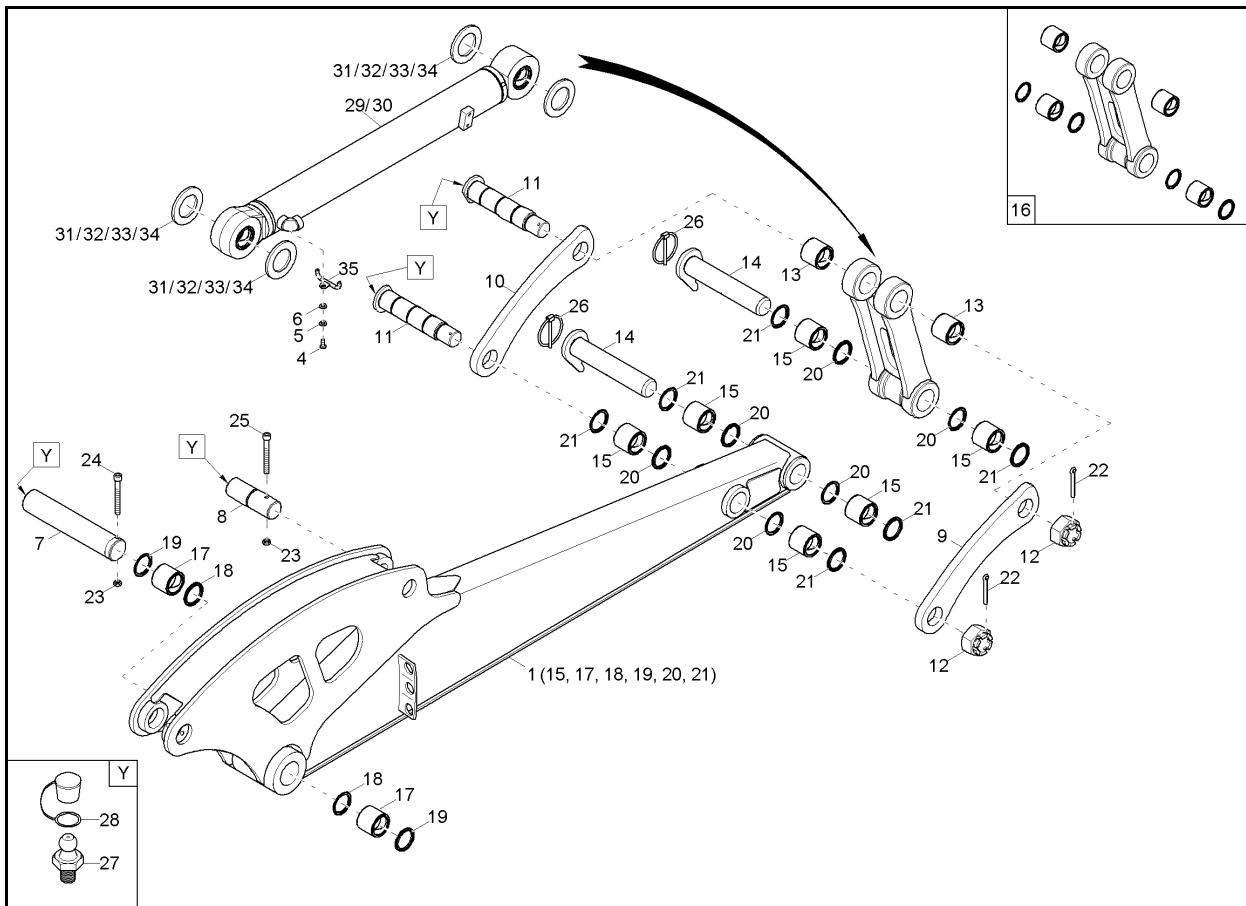
803 - DIPPER ARM - LONG (OPTION)

1000171406 - (SN AD06497 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	203534	PRE-ASSD DIPPER ARM - LONG (Includes Ref. Nos. 15, 17-19, 20 & 21) See page 89, Ref. No.2 for required HP hoses	1	18	177217	LOCK RING	2
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	1	19	161583	SEAL	2
5	161669	LOCKWASHER S10	1	20	161409	WASHER	6
6	161640	WASHER/GR A 10.5	1	21	161581	SEAL	6
7	177168	PIN	1	22	161683	PIN/SPRING M8X80 ZO	2
8	177163	PIN	1	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
9	177161	PIVOT PLATE	1	24	176974	SHCS	1
10	177162	PIVOT PLATE	1	25	179780	SCREW	1
11	177171	PIN	2	26	161405	LYNCH PIN	2
12	651444	HN SLTD M48-3 F8 ZY DIN935	2	27	161412	GREASE ZERK-9MM HEX HEAD	4
13	161517	BUSHING	2	28	161422	CAP	4
14	177164	PIN	2	29	177899	BRACKET HOSE	1
15	161528	BUSHING	6	30	206858	BUCKET CYLINDER See page 90 for individual component	1
16	176963	PRE-ASSD CONNECTING LINK (Includes Ref. Nos. 13, 15, 20 & 21)	1	31	208122	SHIM	AR
17	161519	BUSHING	2		208121	SHIM	AR
					208120	SHIM	AR
					208119	SHIM	AR

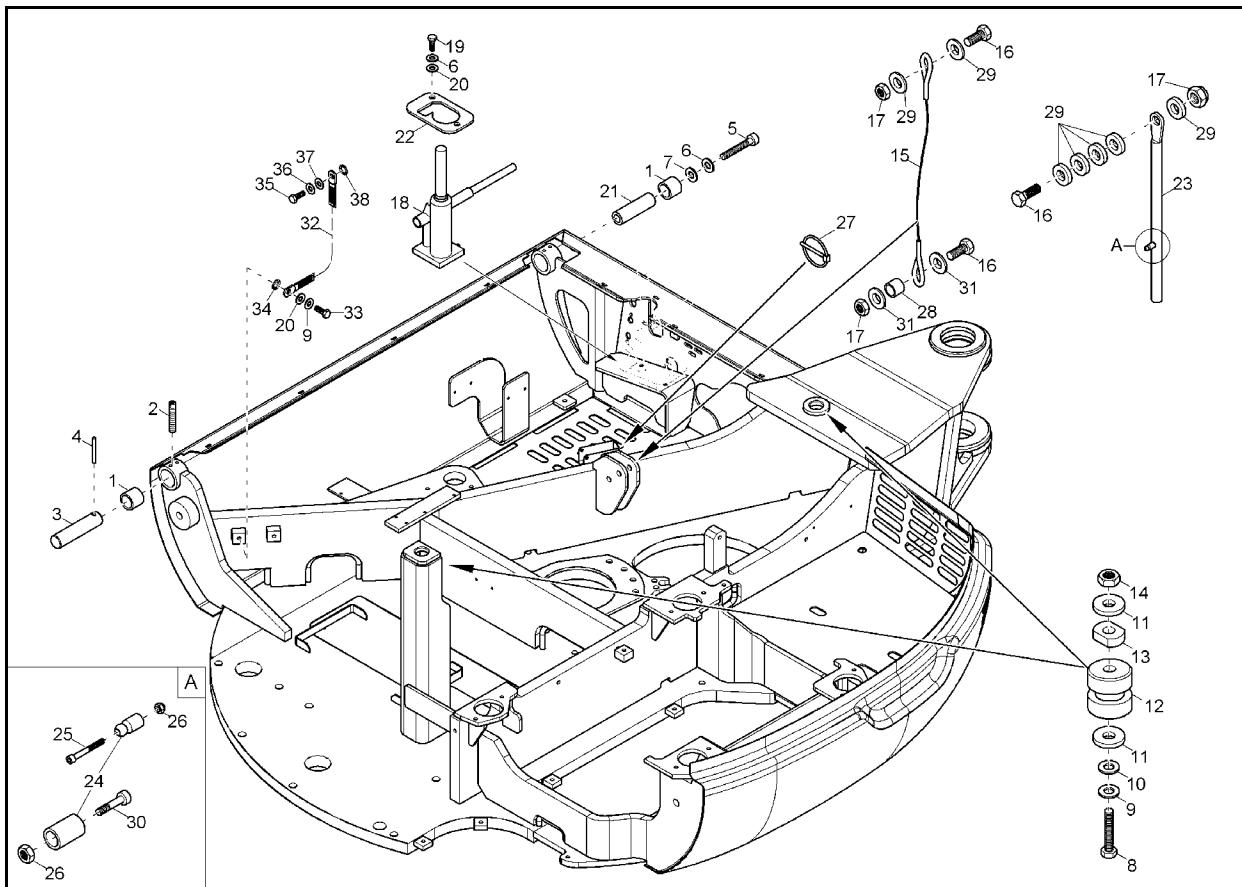
803 - DIPPER ARM - LONG (OPTION)
1000116926 - (SN AD06496 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	204892	PRE-ASSD DIPPER ARM - LONG	1	21	161581	SEAL	6
4	656006	CS M10-1.5X20 C8.8 ZY DIN931	1	22	161683	PIN/SPRING M8X80 ZO	2
5	161669	LOCKWASHER S10	1	23	651448	LN INS M10-1.5 C8 ZY DIN6924	2
6	161640	WASHER/GR A 10.5	1	24	176974	SHCS	1
7	177168	PIN	1	25	179780	SCREW	1
8	177163	PIN	1	26	161405	LYNCH PIN	2
9	177161	PIVOT PLATE	1	27	161412	GREASE ZERK-9MM HEX HEAD	4
10	177162	PIVOT PLATE	1	28	161422	CAP	4
11	177171	PIN	2	30	206858	BUCKET CYLINDER (SN AC03889 and up (See page 90 for individual components	1
12	651444	HN SLTD M48-3 F8 ZY DIN935	2		204997	KIT/BUCKET CYLINDER (SN AC03888 and before (See page 91 for individual components	1
13	161517	BUSHING	2	31	208121	SHIM	AR
14	177164	PIN	2	32	208119	SHIM	AR
15	161528	BUSHING	6	33	208122	SHIM	AR
16	176963	PRE-ASSD CONNECTING LINK (Includes Ref. Nos. 13, 15, 20 & 21)	1	34	208120	SHIM	AR
17	161519	BUSHING	2	35	177899	BRACKET HOSE	AR
18	177217	LOCK RING	2				
19	161583	SEAL	2				
20	161409	WASHER	6				

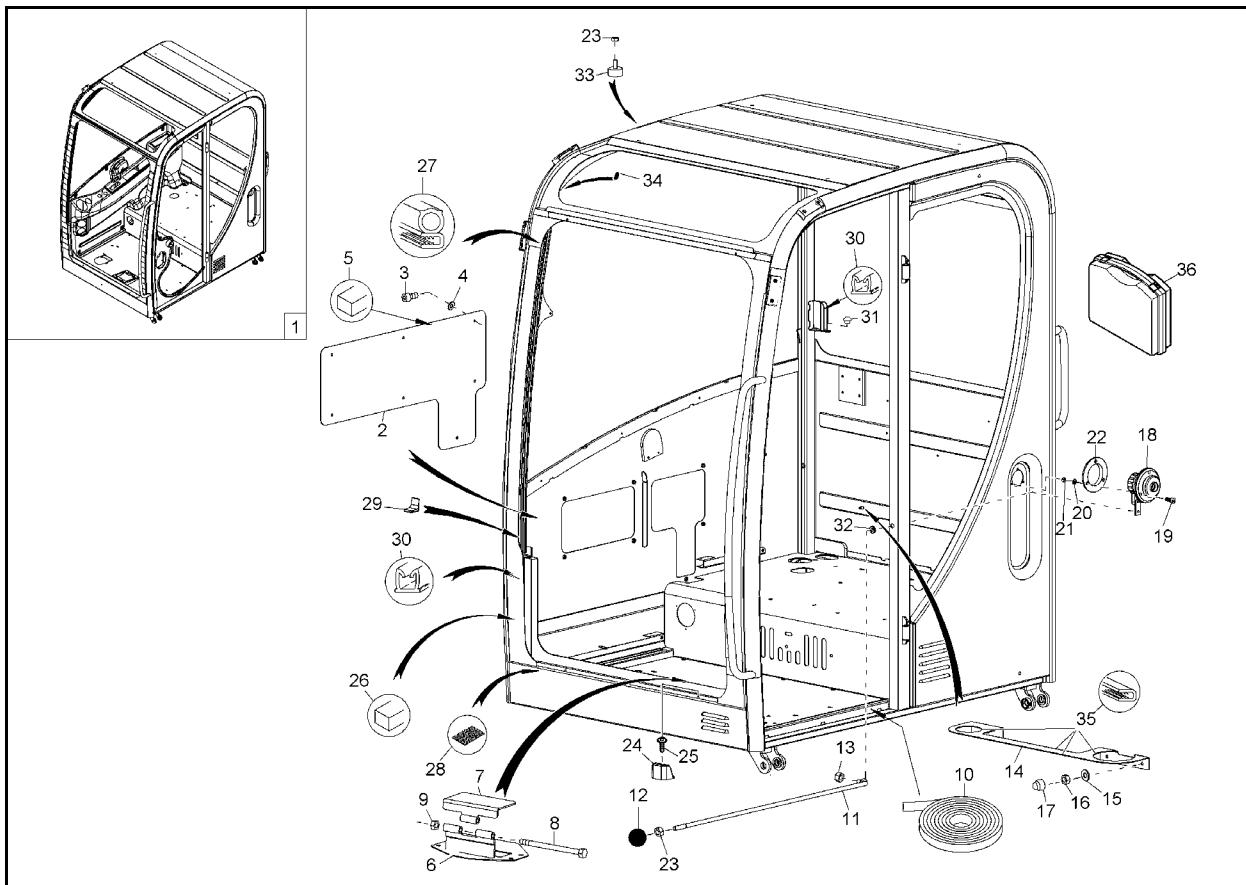
803 - CAB MOUNTING

1000155488



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177717	ISO MOUNT	2	20	161640	WASHER/GR A 10.5	3
2	651446	SHSS CP M8-1.25X12 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	206112	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

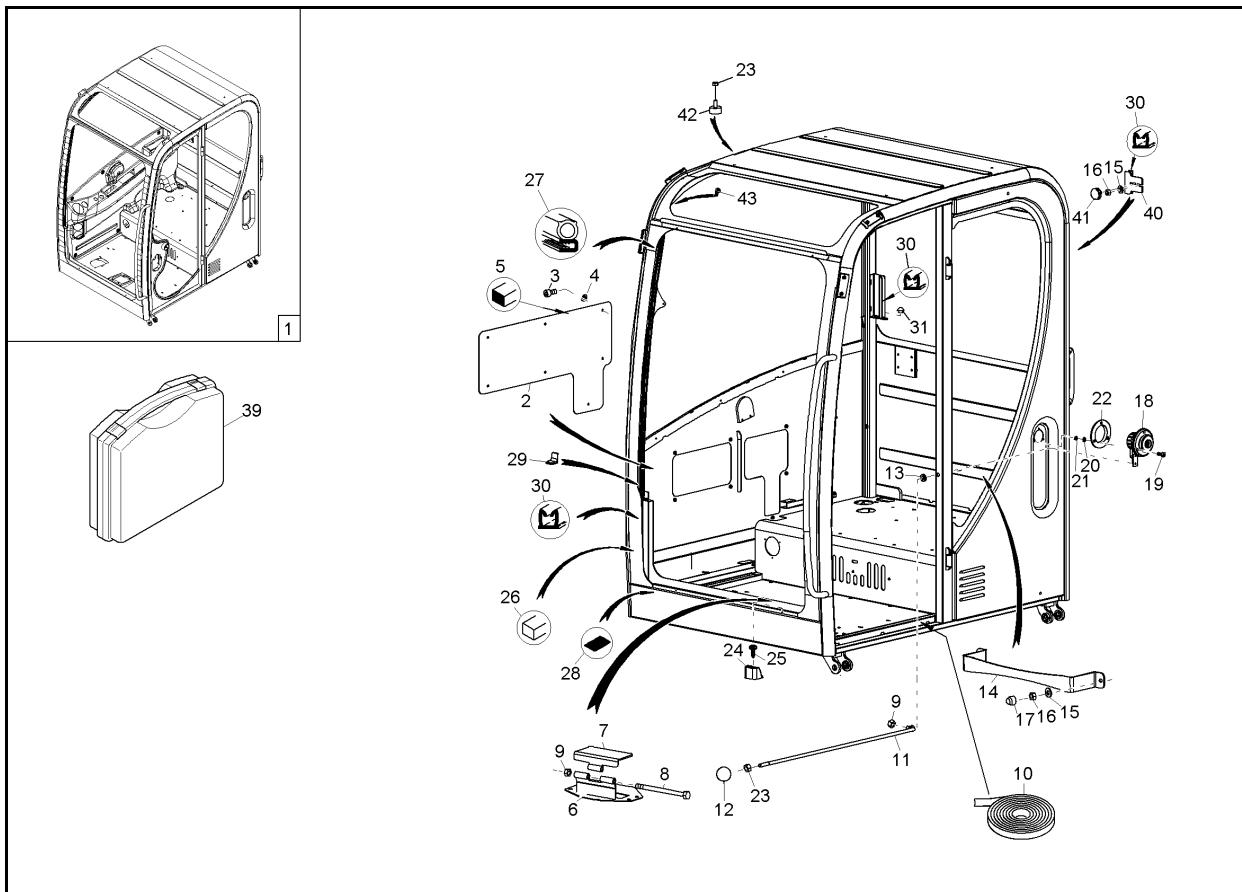
803 - CAB FRAME 1
1000180186 - (SN AH00611 AND UP)



Ref.	No. Part No.	Description	Qty.	Ref.	No. Part No.	Description	Qty.
1	203443	CABIN	1	20	162925	WASHER	3
2	178025	COVER SIDE WALL RIGHT	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	FOAM SEAL (2.10M)	1	24	1423414G	COLLAR	2
6	178027	ADAPTER PLATE	1	25	162031	SCREW	4
7	178028	FLAP FOOTREST	1	26	205603	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	2	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	1	33	205932	RUBBER BUMPER	2
15	162924	WASHER	2	34	205929	THREAD PIN	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	35	203439	BULK/EDGE PROTECTION SECTION (1.90M)	1
17	162737	COVER	2	36	177495	DOCUMENTS BOX	1
18	178032	DOOR LATCH	1				
19	178034	SCREW	3				

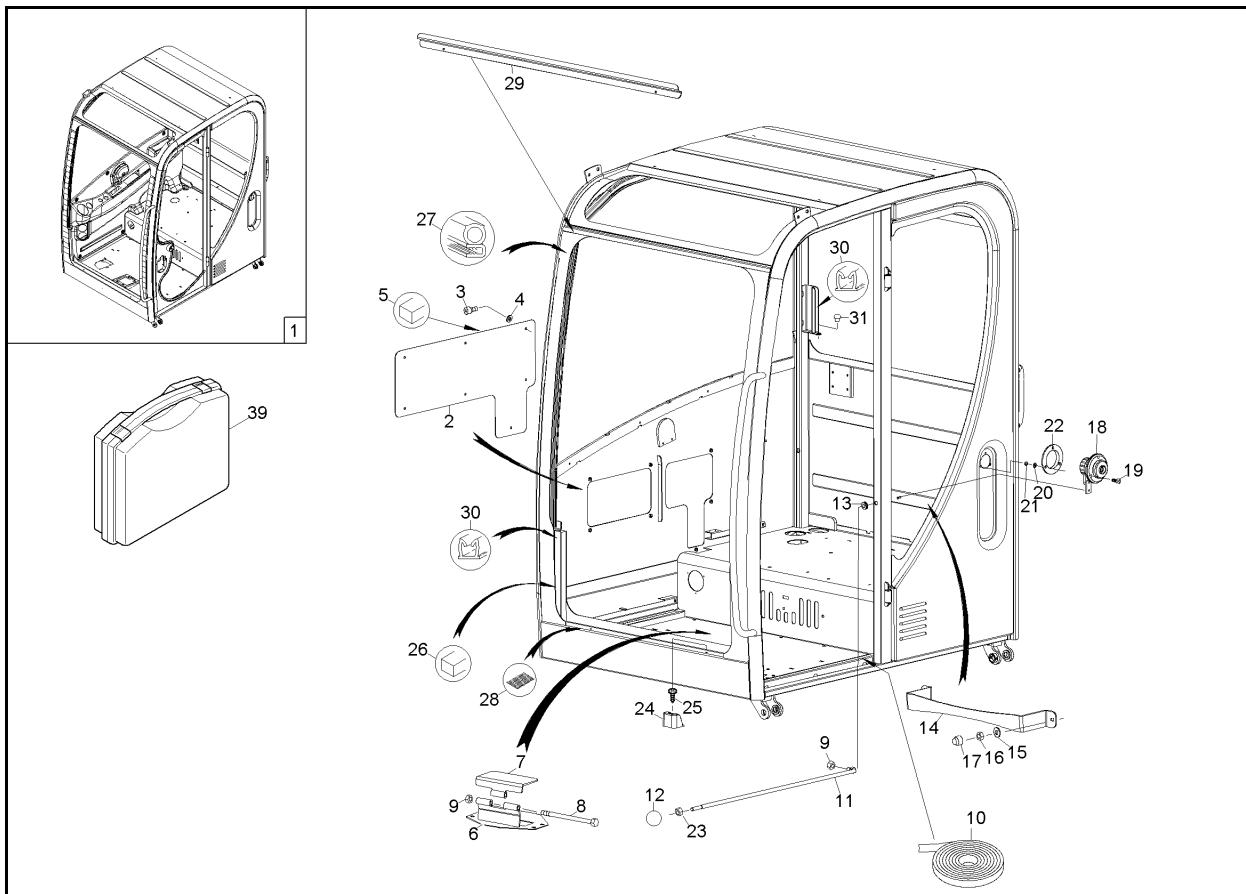
803 - CAB FRAME 1

1000144050 - (SN AC02988 - AH00610)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177469	CABIN	1	21	651456	LN INS M5-0.8 C8 ZY DIN6924	3
2	178025	COVER SIDE WALL RIGHT	1	22	178033	RUBBER DISC	1
3	201719	FHCS M6 X 12	7	23	9901152G	NUT	1
4	162924	WASHER	7	24	1423414G	COLLAR	2
5	206155	TESAMOL (2.10M)	1	25	162031	SCREW	4
6	178027	ADAPTER PLATE	1	26	205603	FOAM RUBBER BLACK 10X15MM (1.90M)	1
7	178028	FLAP FOOTREST	1	27	206822	RUBBER PROFILE (1.00M)	1
8	162870	SCREW	1	28	206797	SEAL STRAP (1.0M)	1
9	651458	LN INS M8-1.25 C8 ZY DIN6924	2	29	206879	CLAMP SHOE	1
10	206156	ANTI-SLIDE STRIP (0.70M)	1	30	206799	WINDOW SEAL (1.0M)	1
11	178029	ANTILOCK ROD	1	31	164686	RUBBER PLUG	2
12	178030	BALL HEAD	1	36	651504	SHCS M5-0.8X16 C8.8 ZY DIN912	2
13	178036	RUBBER SLEEVE	1	37	161674	LOCKWASHER S16	2
14	178031	BRACKET	1	39	177495	DOCUMENTS BOX	1
15	162924	WASHER	2	40	206427	BRACKET/RT	2
16	651457	LN INS M6-1 C8 ZY DIN6924	2	41	206428	GROOVED SCREW	2
17	162737	COVER	2	42	165215	RUBBER-BUFFER	2
18	178032	DOOR LATCH	1	43	206429	SHCS	2
19	178034	SCREW	3				
20	162925	WASHER	3				

803 - CAB FRAME 1
1000126113 - (SN AC02987 AND BEFORE)

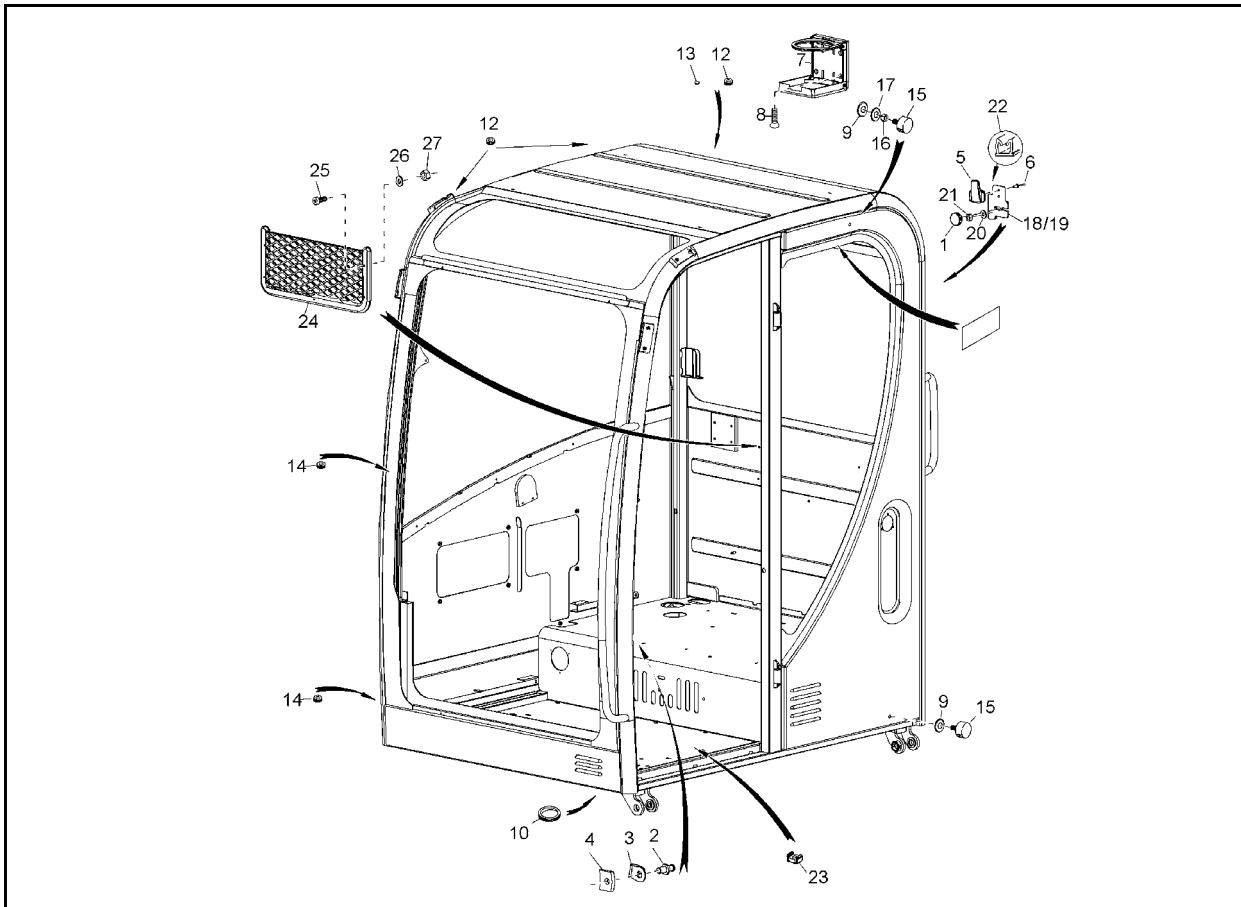


Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	*	CABIN	1	18	178032	DOOR LATCH	1
2	178025	COVER SIDE WALL RIGHT	1	19	178034	SCREW	3
3	162860	SCREW	7	20	162925	WASHER	3
4	162924	WASHER	7	21	651456	LN INS M5-0.8 C8 ZY DIN6924	3
5	206155	TESAMOL (2.10M)	1	22	178033	RUBBER DISC	1
6	178027	ADAPTER PLATE	1	23	9901152G	NUT	1
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 DIN6924	2	26	205603	FOAM RUBBER BLACK 10X15MM (1.90M)	1
10	206156	ANTI-SLIDE STRIP (0.70M)	1	27	206822	RUBBER PROFILE (1.00M)	1
11	178029	ANTILOCK ROD	1	28	206797	SEAL STRAP (1.0M)	1
12	178030	BALL HEAD	1	29	178035	RAIL	1
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 DIN6924	2				
17	162737	COVER	2				

* Replaced by 177469 on page 166.

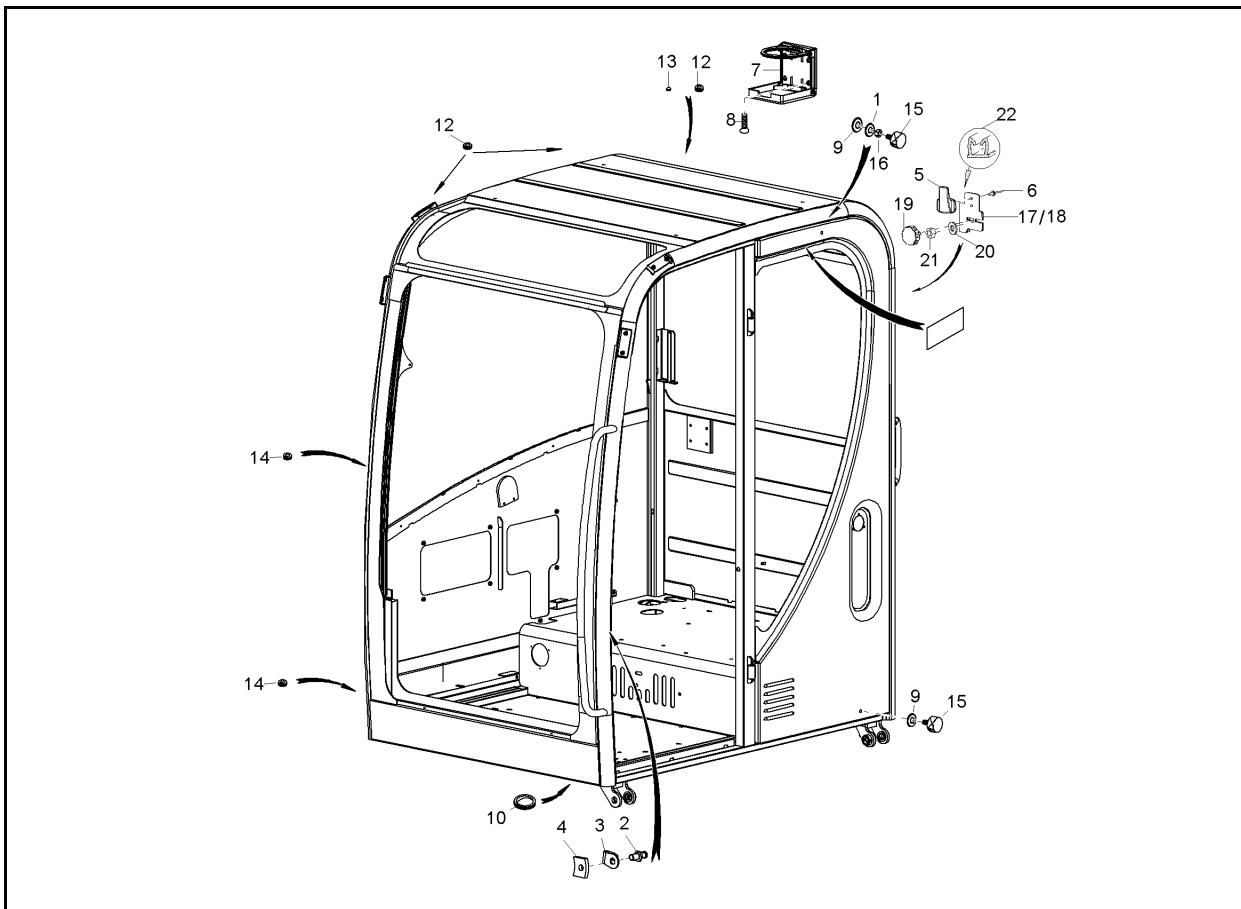
803 - CAB FRAME 2

1000180015 - (SN AH00611 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	205150	BRACKET/LT	1
5	178040	CLOTH HOOK	1	19	206427	BRACKET/RT	1
6	205694	RIVET	1	20	162924	WASHER	2
7	204906	BOTTLE BRACKET	1	21	651457	LN INS M6-1 C8 ZY DIN6924	2
8	203549	SCREW	4	22	205054	WINDOW SEAL (0.20M)	1
9	160639	RUBBER WASHER	2	23	202538	CAGE NUT	16
10	178037	HOSE SLEEVE	1	24	201706	GRATE	1
12	162797	PLUG	7	25	202539	OVALHEAD SCREW	5
13	164677	PLUG	2	26	202540	WASHER	5
14	1424420G	RUBBER BUSHING	3	27	161402	NUT	5

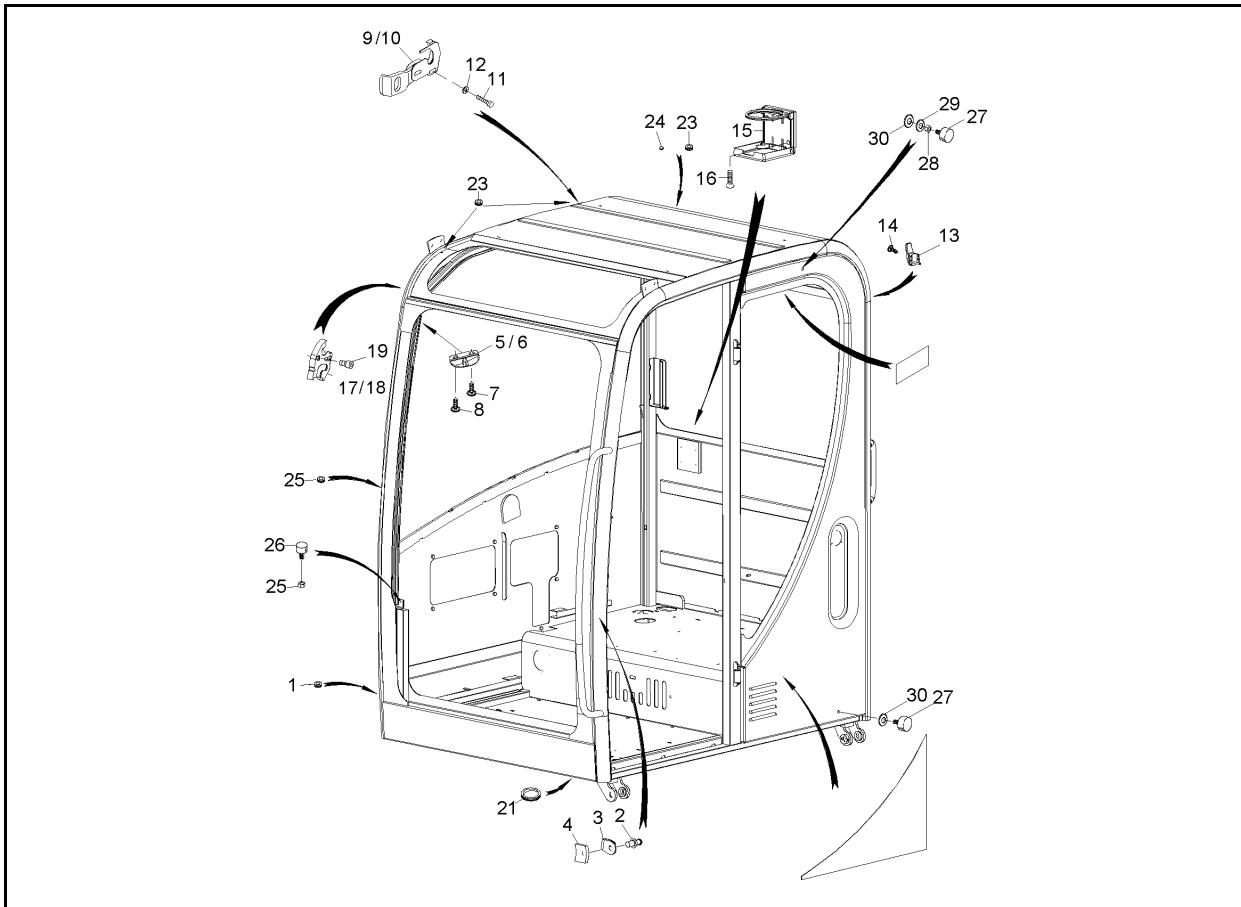
803 - CAB FRAME 2
1000143232 - (SN AC02988 - AH00610)



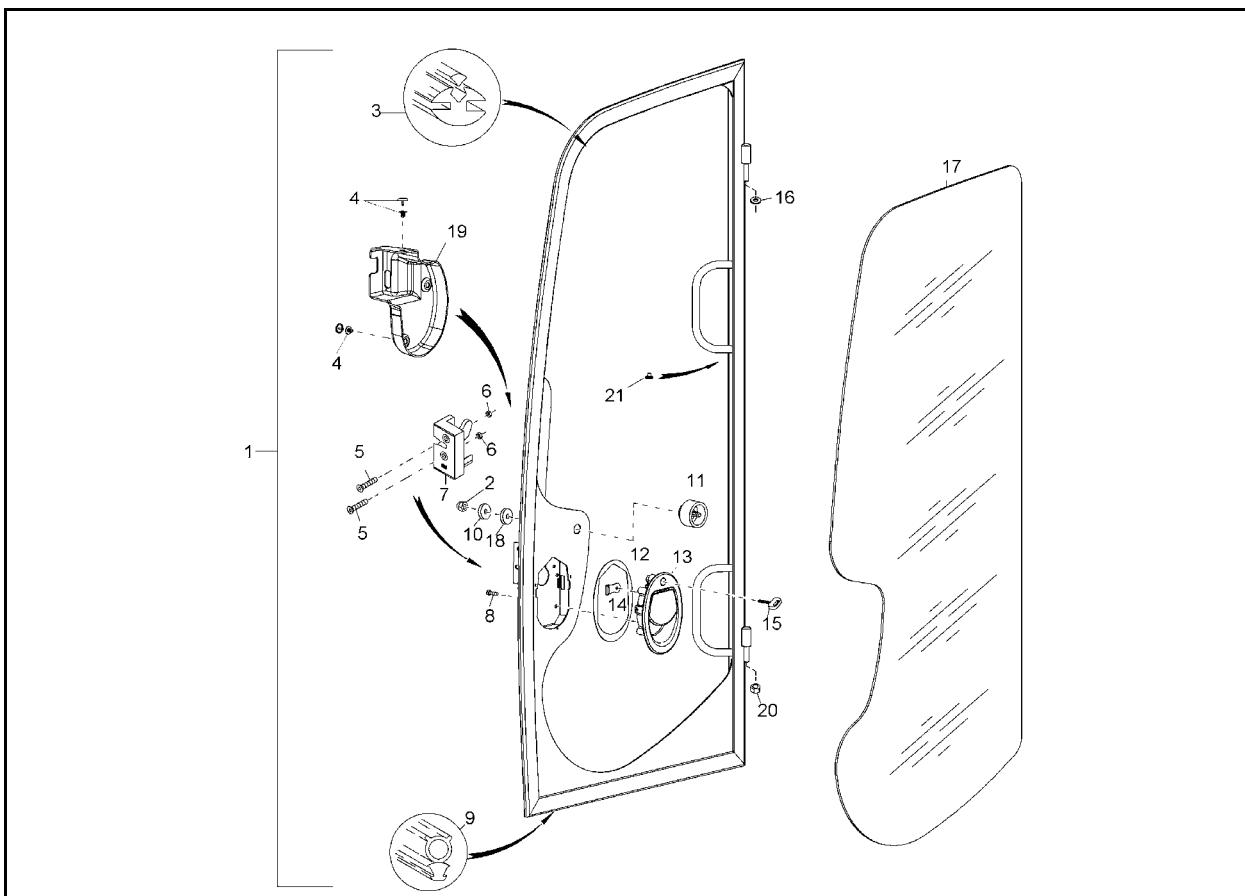
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162812	WASHER	1	13	164677	PLUG	2
2	161921	PIN	1	14	1424420G	RUBBER BUSHING	3
3	164771	BRACKET	1	15	165215	RUBBER-BUFFER	2
4	164678	PLATE	1	16	9901152G	NUT	1
5	178040	CLOTH HOOK	1	17	205150	BRACKET/LT	1
6	205694	RIVET	1	18	206427	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				

803 - CAB FRAME 2

1000126115 - (SN AC02987 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1424420G	RUBBER BUSHING	3	17	178042	LOCKING RT	1
2	161921	PIN	1	18	178045	LOCKING LT	1
3	164771	BRACKET	1	19	651507	SHCS M6-1X20 C8.8 ZY DIN912	2
4	164678	PLATE	1	21	178037	HOSE SLEEVE	1
5	178038	LOCK FRONT LT	1	23	162797	PLUG	7
6	178039	LOCK FRONT RT	1	24	164677	PLUG	2
7	162029	SCREW	2	25	656047	HN M6-1 C8 ZY DIN934 (Cab SN 50623 and up)	2
8	162031	SCREW	2	26	208218	RUBBER BUFFER (Cab SN 50623 and up)	2
9	164680	BRACKET RT	1	27	165215	RUBBER-BUFFER (Cab SN 50623 and up)	2
10	164679	BRACKET LT	1	28	9901152G	NUT (Cab SN 50623 and up)	1
11	656128	CS M6-1X30 C8.8 ZY DIN931	4	29	162812	WASHER (Cab SN 50623 and up)	1
12	178043	WASHER	4	30	160639	RUBBER WASHER (Cab SN 50623 and up)	2
13	178040	CLOTH HOOK	1				
14	162036	SCREW	1				
15	204906	BOTTLE BRACKET	1				
16	178044	SINKSCREW	4				



Ref.

No. Part No.

Description

Qty.

1	177611	CAB DOOR COMPLETE	1
	177610	CAB DOOR COMPLETE TINTED	1
2	161618	NUT/HEX DOMED CAP M8	1
3	206136	RUBBER PROFILE (4.30M)	1
4	164689	RIVET 11MM	3
5	162864	SCREW	2
6	651458	LN INS M8-1.25 C8 ZY DIN6924	2
7	160525	LATCH	2
8	656092	CS M6-1X12 C8.8 ZY DIN931	2
9	206834	SEAL PROFILE (4.30M)	1
10	162812	WASHER	1
11	178061	DOOR FASTENER	1

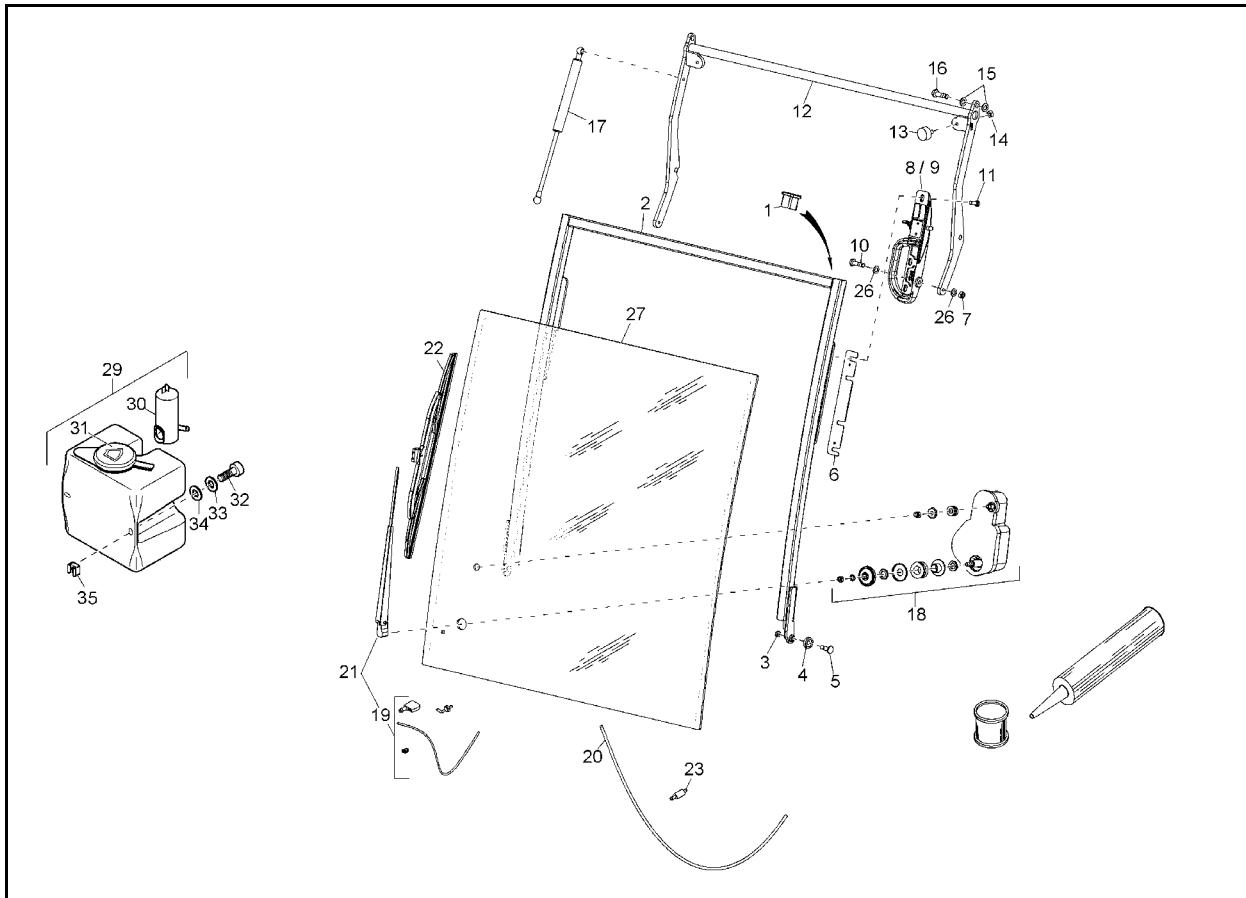
Ref.

No. Part No.

12	1424432G	SHIM	1
13	1424431G	HANDLE	1
14	1424433G	KEY BUTTON	1
15	101792	KEY	2
16	164688	WASHER	2
17	177505	DOOR WINDOW	1
	177609	DOOR WINDOW TINTED	1
18	160639	RUBBER WASHER	1
19	208219	COVERING	1
20	651448	LN INS M10-1.5 C8 ZY DIN6924	1
21	201760	PLUG	1

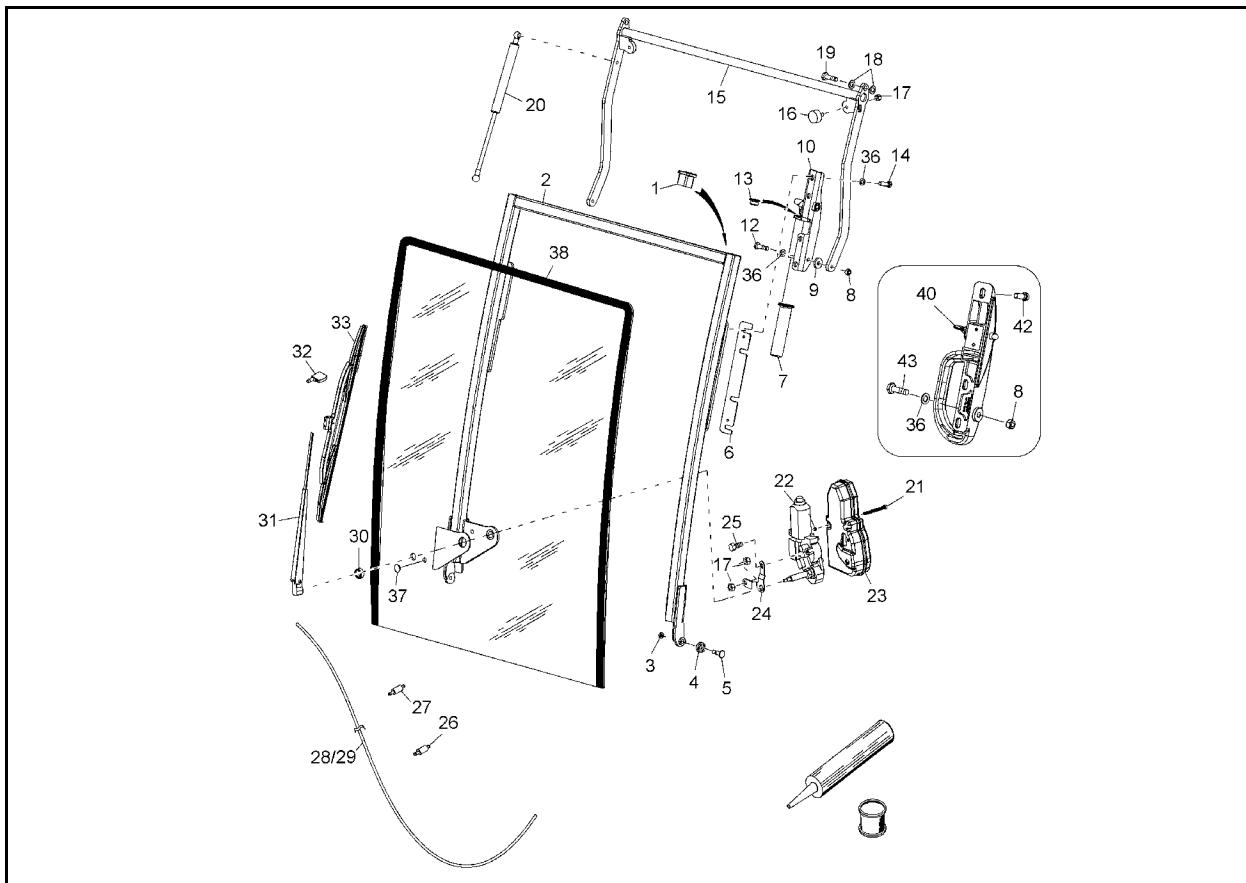
803 - WINDSHIELD

1000180082 - (SN AH00611 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)		4
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
9	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		2	33	161674	LOCKWASHER S16		2
15	164688	WASHER		4	34	161665	WASHER/GR A 5.3		2
16	207428	HEX SCREW		2	35	161611	NUT/CAGE M5		2

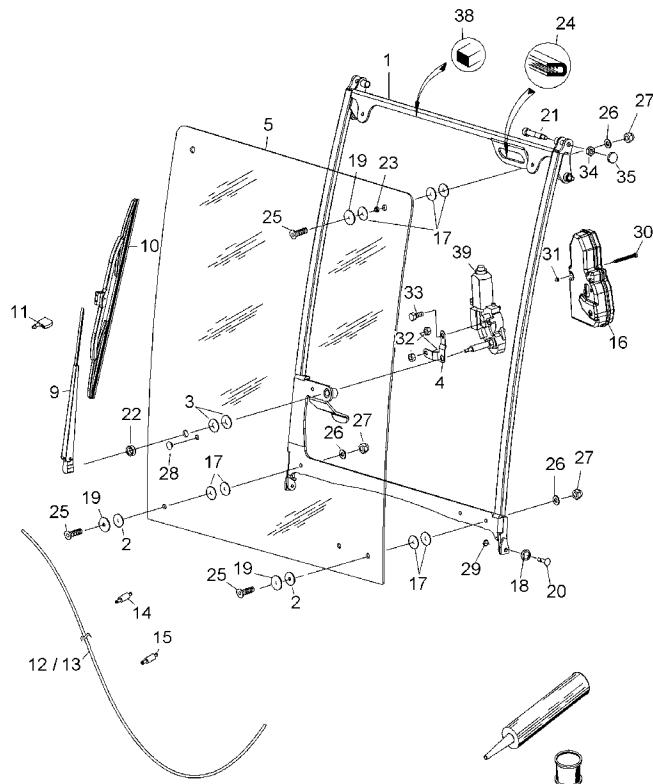
803 - WINDSHIELD
1000143259 - (SN AC02988 - AH00610)



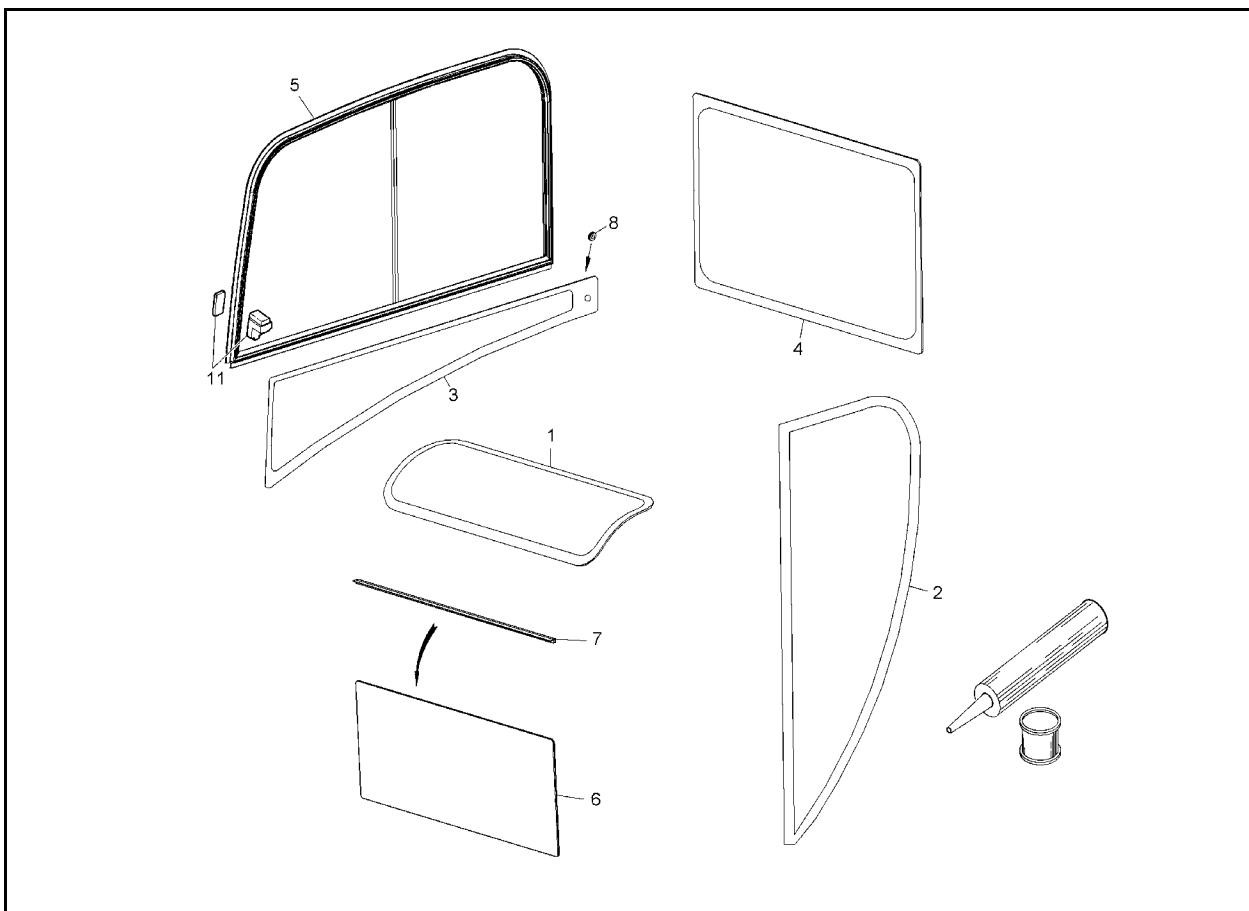
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	207419	PLUG		4	21	207430	CARRIAGE BOLT		2
2	207420	FRONT WINDOW FRAME		1	22	178053	WIPER MOTOR		1
3	9901152G	NUT		2	23	165159	COVER		1
4	177914	PVC-ROLLER		2	24	165168	BAR LOCK		1
5	177915	CATCH BOLT		2	25	651430	CS M8-1.25X12 C8.8 ZY DIN931		1
6	207421	PLATE		2	26	184673	NON RETURN VALVE		1
7	207422	HANDLE		2	27	161847	CONNECTOR		1
8	651458	LN INS M8-1.25 C8 ZY DIN6924		2	28	206835	WATER HOSE (1.35M)		1
9	207423	SHIM (SN AD06526 and before)		2	29	207293	WATER HOSE (4.0M)		1
10	207424	LOCKING BRACKET RT (SN AD06526 and before)		1	30	207433	SHIM		1
	207425	LOCKING BRACKET LT (SN AD06526 and before)		1	31	1424418G	WIPER ARM		1
12	656094	CS M8-1.25X30 C8.8 ZY DIN931 (SN AD06526 and before)		2	32	161087	NOZZLE		1
13	207426	PIPE PLUG (SN AD06526 and before)		2	33	1424419G	WIPER BLADE		1
14	177648	HEX SCREW (SN AD06526 and before)		8	36	161668	WASHER/GR A 8.4 ZO DIN134		10
15	206884	SUPPORT		1	37	1424420G	RUBBER BUSHING		1
16	205932	RUBBER BUMPER		2	38	207435	FRONT WINDOW		1
17	656048	HN M8-1.25 C8 ZY DIN934		4	39	207436	FRONT WINDOW TINTED		1
18	164688	WASHER		4	40	201762	LOCKING BRACKET/RT (SN AD06527 and up)		1
19	207428	HEX SCREW		2		201763	LOCKING BRACKET/LT (SN AD06527 and up)		1
20	207439	GAS SHOCK		1	42	201764	FHCS M8 X 16 (SN AD06527 and up)		6
					43	656002	CS M8-1.25X35 C8.8 ZY DIN931 (SN AD06527 and up)		2

803 - WINDSHIELD

1000125031 - (SN AC02987 AND BEFORE)



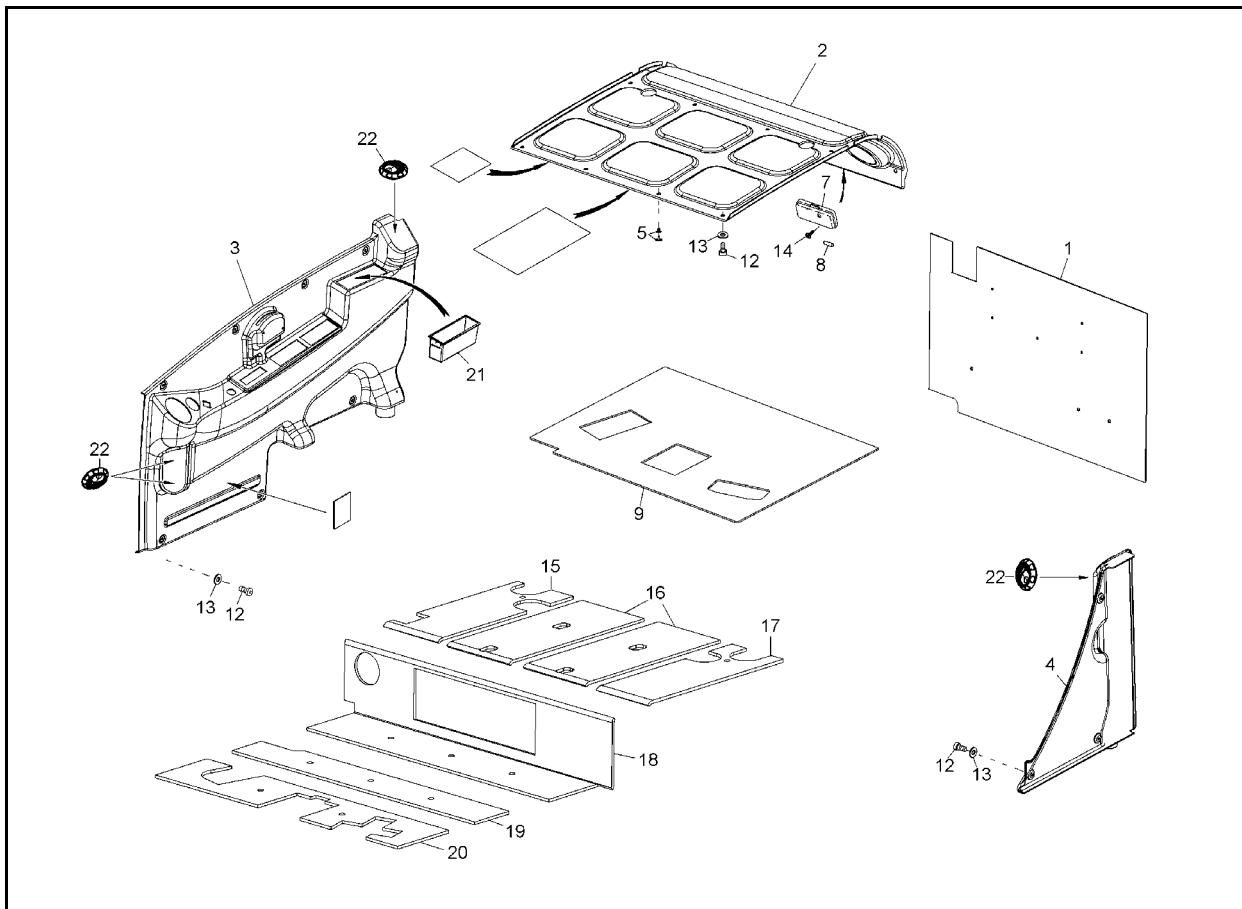
Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
1	176929		FRONT WINDOW FAME	1	21	176926		SET SCREW	2
2	160640		RUBBER WASHER	2	22	177917		SPACER	1
3	176928		RUBBER DISC	2	23	176925		RUBBER SLEEVE	2
4	165168		BAR LOCK	1	24	206836		EDGE GUARD (0.25M)	1
5	177201		FRONT WINDOW	1	25	9901392G		SCREW	5
	178103		FRONT WINDOW TINTED	1	26	161668		WASHER/GR A 8.4 ZO DIN134	5
9	1424418G		WIPER ARM	1	27	161618		NUT/HEX DOMED CAP M8	5
10	1424419G		WIPER BLADE	1	28	1424420G		RUBBER BUSHING	1
11	161087		NOZZLE	1	29	9901152G		NUT	2
12	206835		WATER HOSE (1.35M)	1	30	207430		CARRIAGE BOLT	2
13	207293		WATER HOSE (4.0M)	4	31	165948		NUT	2
14	164673		NON RETURN VALVE	1	32	656048		HN M8-1.25 C8 ZY DIN934	2
15	161847		CONNECTOR	1	33	651430		CS M8-1.25X12 C8.8 ZY DIN931	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 (3.6M)	1
19	1423440G		WASHER	5	39	178053		WIPER MOTOR	1
20	177915		CATCH BOLT	2					



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.	
1	206432	FRONT WINDOW/TOP (SN AD02988 and up)	1	6	206979	FRONT WINDOW/LOWER (SN AD02988 and up)	1	
	177865	FRONT WINDOW/TOP (SN AD02987 and before)	1		177866	FRONT WINDOW/LOWER (SN AD02987 and before)	1	
2	177868	SIDE PANE LT	1		206953	FRONT WINDOW/LOWER TINTED (SN AD02988 and up)	1	
	177779	SIDE PANE LT TINTED (OPTION)	1		177777	FRONT WINDOW/LOWER TINTED (SN AD02987 and before)	1	
3	205555	SIDE PANE RT	1		178059	STRAP	1	
	205554	SIDE PANE RT TINTED (OPTION)	1		162797	PLUG	1	
4	177867	REAR WINDOW	1		11	164684	LOCK	1
	177780	REAR WINDOW TINTED	1					
5	177576	SLIDE WINDOW	1					
	177577	SLIDE WINDOW TINTED	1					

803 - CAB TRIM

1000180385 - (SN AH00611 AND UP)



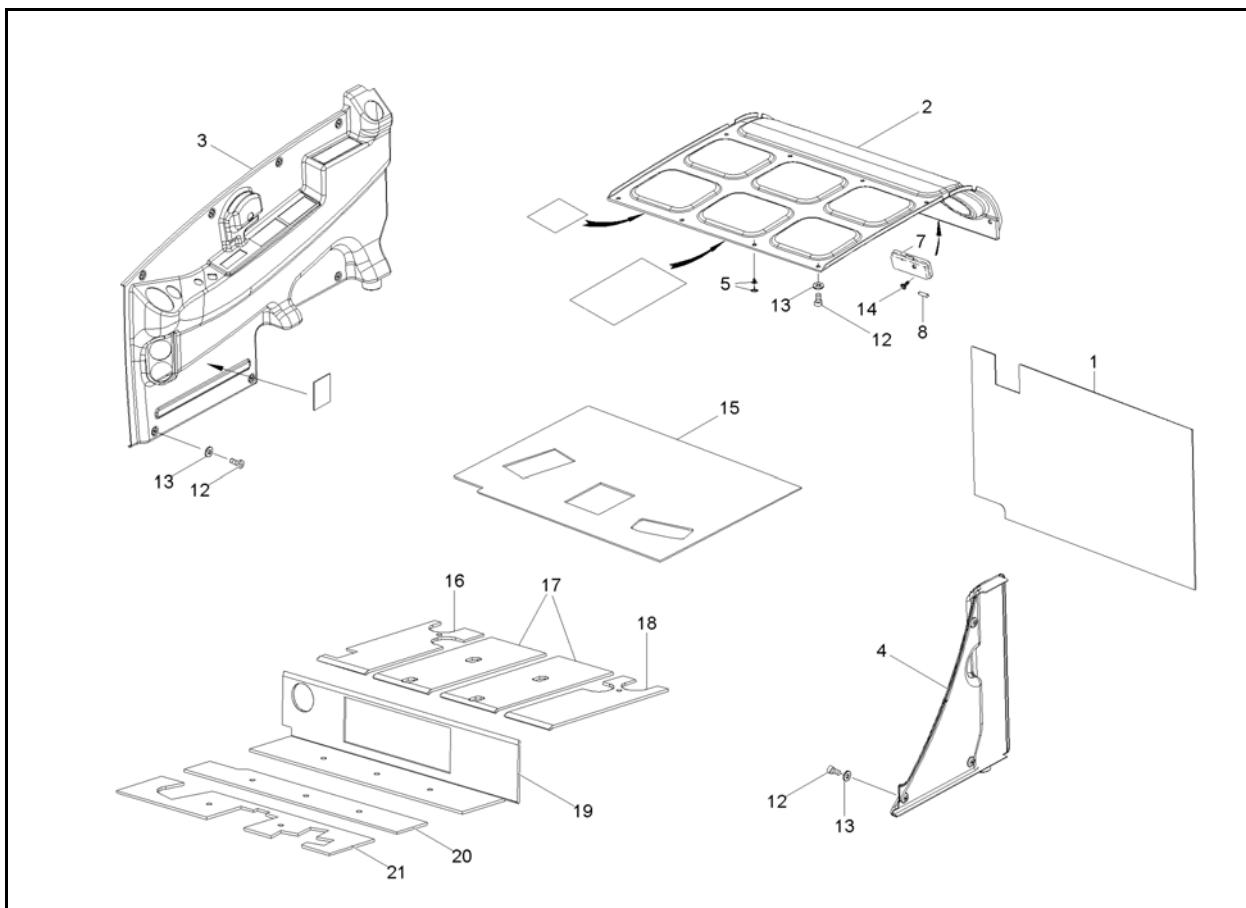
Ref.

No.	Part No.	Description	Qty.
1	202544	REAR PLATE TRIM	1
2	177490	ROOF TRIM	1
3	203432	SIDE TRIM	1
4	177721	REAR COVER MAT LT	1
5	164689	RIVET 11MM	6
6	160488	DOME LIGHT	1
7	164182	BULB	1
8	208211	FLOOR RUBBER MAT	1
9	201719	FHCS M6 X 12	16
10	201774	WASHER	16

Ref.

No.	Part No.	Description	Qty.
14	162035	SCREW	2
15	208212	ISOLATION MAT	1
16	208213	ISOLATION MAT	2
17	208214	ISOLATION MAT	1
18	203433	ISOLATION MAT	1
19	203434	ISOLATION MAT	1
20	208217	ISOLATION MAT	1
21	201720	TRAY	1
22	177655	AIR NOZZLE	4

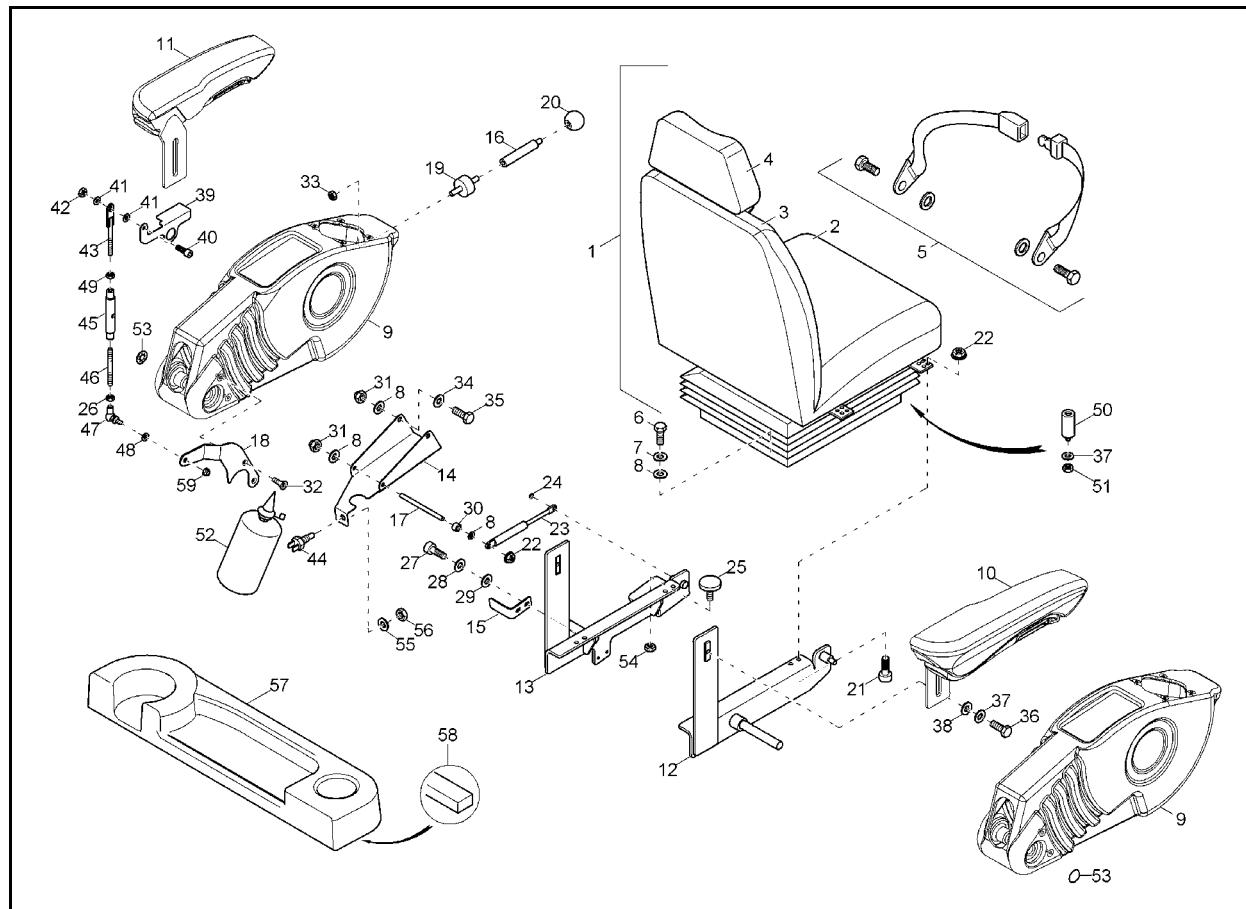
803 - CAB TRIM
1000126107 - (SN AD07187 AND BEFORE)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	202544	REAR PLATE TRIM	1	15	208211	FLOOR RUBBER MAT (SN CAB 51638 and up)	1
2	177490	ROOF TRIM	1		177574	FLOOR RUBBER MAT (SN CAB 51637 and before)	1
3	177489	COVER MAT RT	1	16	208212	ISOLATION MAT	1
4	177721	REAR COVER MAT LT	1	17	208213	ISOLATION MAT	2
5	164689	RIVET 11MM	6	18	208214	ISOLATION MAT	1
7	160488	DOME LIGHT	1	19	208215	ISOLATION MAT	1
8	164182	BULB	1	20	208216	ISOLATION MAT	1
12	201719	FHCS M6 X 12	16	21	208217	ISOLATION MAT	1
13	201774	WASHER	16				
14	162035	SCREW	2				

803 - OPERATOR'S SEAT

1000180359



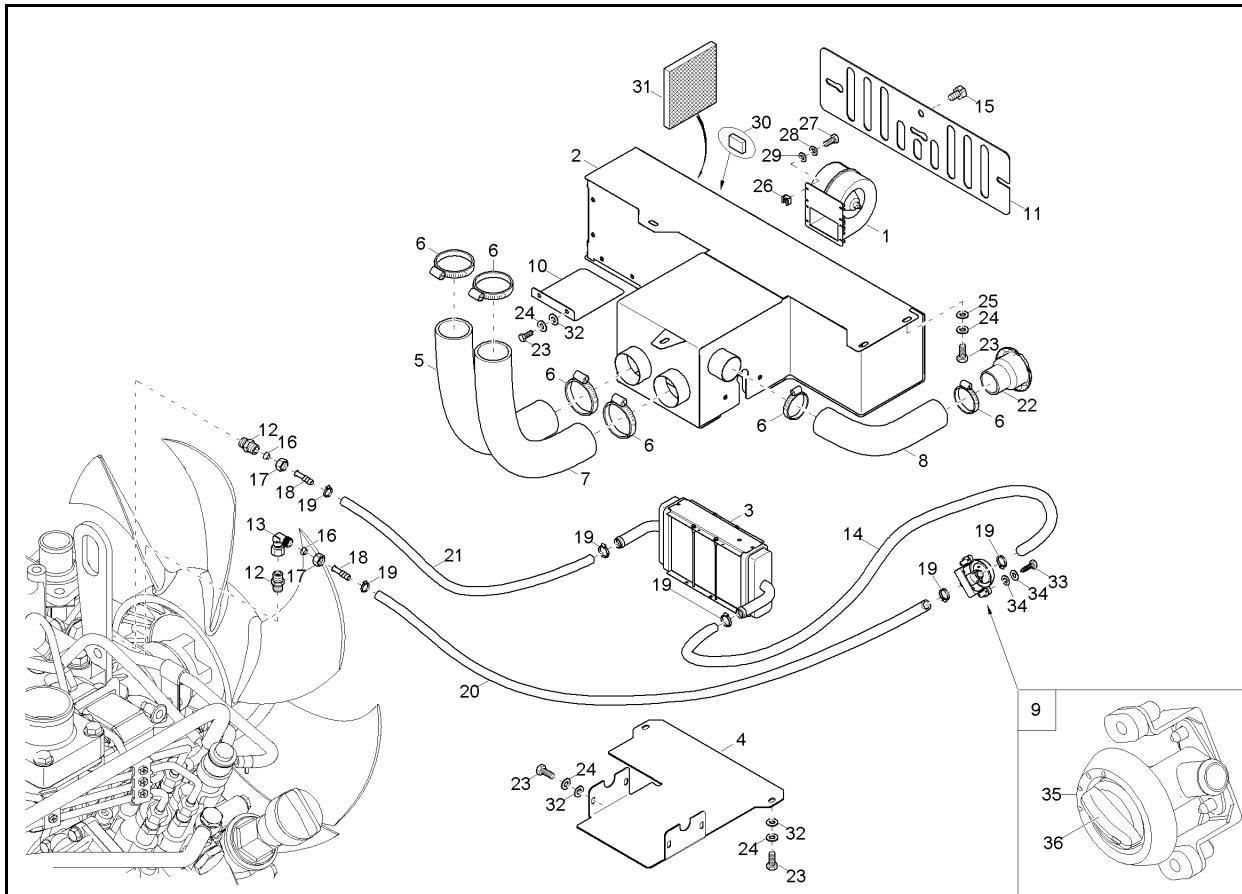
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	162738	OPERATOR'S SEAT (CLOTH)	1	21	651516	SHCS M8-1.25X25 C8.8 ZY DIN912	8
2	177448	SEAT UPHOLSTERY	1	22	165952	NUT	9
3	177458	CUSHION	1	23	160611	SPRING	1
4	177457	NECK SUPPORT	1	24	161848	LOCKWASHER	1
5	207393	SEAT BELT, 2" RETRACTABLE	1	25	1429414G	ELEVATION ADJUSTMENT	1
	809306	3" SEAT BELT KIT (253-1202)	1	26	656048	HN M8-1.25 C8 ZY DIN934	3
6	656105	CS M8-1.25X25 C8.8 ZY DIN931	4	27	162860	SCREW	2
7	163670	LOCKWASHER	4	28	161675	LOCKWASHER S6	2
8	163634	WASHER	7	29	7462680008	WASHER	2
9	177884	CONTROL LEVER CARRIER	2	30	161805	TUBE	1
10	177826	ARM REST - RT	1	31	161618	NUT/HEX DOMED CAP M8	2
11	177825	ARM REST - LT	1	32	651461	FHSCS M6-1X12 C8.8 ZY DIN7991	2
12	177895	CONSOLE BRACKET - RT	1	33	651448	LN INS M10-1.5 C8 ZY DIN6924	1
13	177896	CONSOLE BRACKET - LT	1	34	7462680011	WASHER 8.4 ST A2C	1
14	177960	STRUT	1	35	656093	CS M8-1.25X16 C8.8 ZY DIN931	1
15	177961	ANGLE	1	36	656090	CS M10-1.5X16 C8.8 ZY DIN931	2
16	177969	LEVER	1	37	161669	LOCKWASHER S10	4
17	177972	PIN	1	38	161663	WASHER/GR A 10.5 ZO	2
18	177965	BRACKET	1	39	177039	BRACKET	1
19	177971	RUBBER STUD	1	40	651507	SHCS M6-1X20 C8.8 ZY DIN912	1
20	161631	KNOB D40MM	1	41	161660	WASHER GR A6.4 ZO DIN 125	2

803 - OPERATOR'S SEAT
1000180359

Ref.	No.	Part No.	Description	Qty.	Ref.	No.	Part No.	Description	Qty.
42	651457	LN INS M6-1 C8 ZY DIN6924		1	51	9902111G	HEXAGON NUT		2
43	177030	TENSION SCREW		1	52	205692	SCREW LOCKING		1
44	164980	MICROSWITCH		1	53	161730	PLUG		2
45	177031	TENSION LOCK NUT		1	54	656102	HN M10-1.25 F8 ZY DIN934		1
46	177029	THREAD ROD		1	55	164982	WASHER		1
47	162072	BALL AND SOCKET		1	56	164981	NUT		1
48	161668	WASHER/GR A 8.4 ZO DIN134		1	57	202545	TRIM		1
49	177033	HEXAGON NUT		1	58	202554	ADHESIVE TAPE (1.20M)		1
50	164986	LIMIT		2	59	651458	LN INS M8-1.25 C8 ZY DIN6924		1

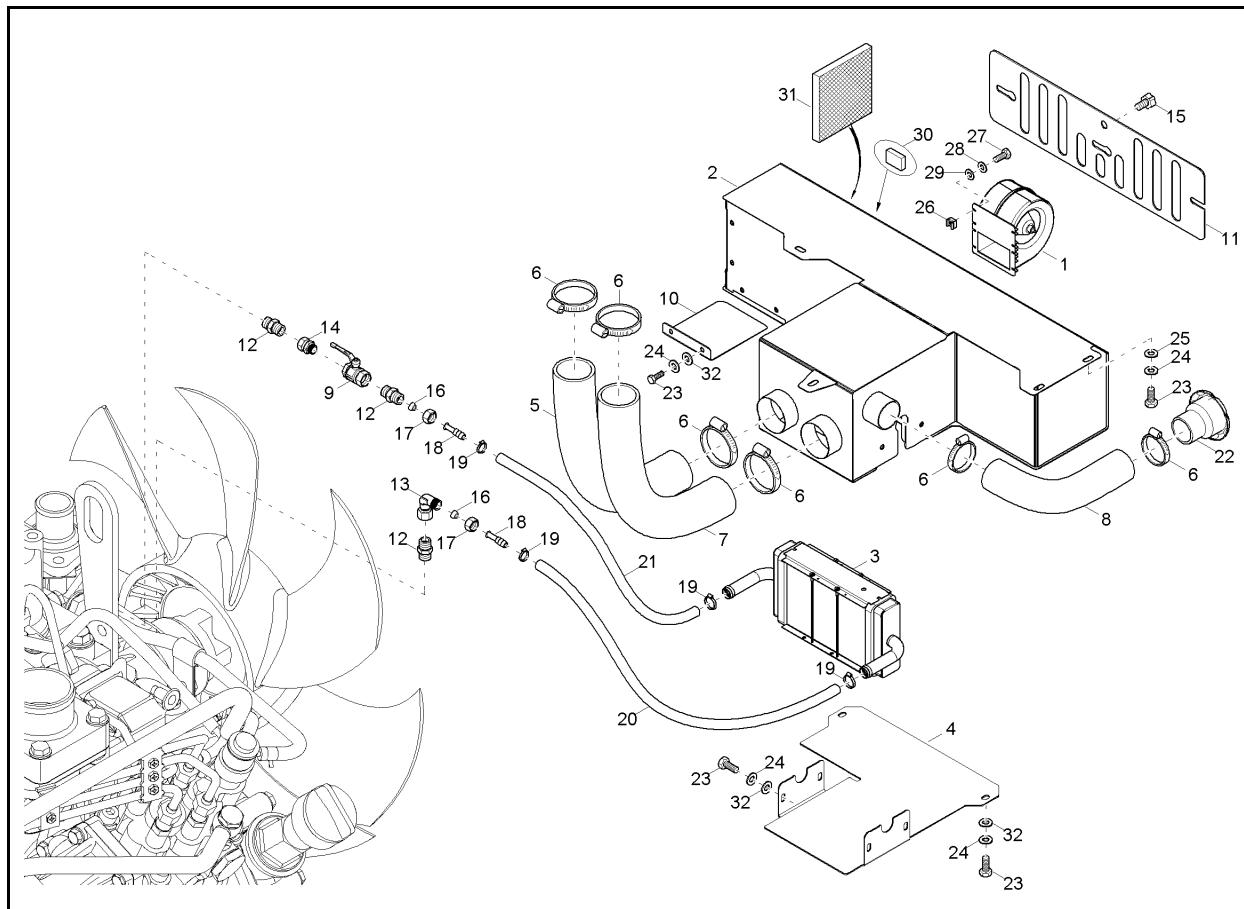
803 - HEATER

1000155675 - (SN AD04618 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)	1
3	177813	HEAT EXCHANGER	1	21	205186	HEATER HOSE (5.00M)	1
4	177901	COVER	1	22	177656	AIR NOZZLE	1
5	206838	HOSE AIR (0.75M)	1	23	656093	CS M8-1.25X16 C8.8 ZY DIN931	12
6	162611	HOSE CLAMP	6	24	163670	LOCKWASHER	12
7	206838	HOSE AIR (0.75M)	1	25	7462680011	WASHER 8.4 ST A2C	4
8	206843	HOSE AIR (0.45M)	1	26	206433	CAGE NUT	6
9	205843	WATER VALVE	1	27	164908	SCREW	6
10	177787	SLIDE	1	28	161673	LOCKWASHER S4	6
11	177786	PERFORATED PLATE (A/C ONLY)	1	29	161658	WASHER/GR A 4.3 ZO DIN125	6
12	161476	SCREW JOINT	2	30	206832	SEAL STRAP FOAM (2.0M)	1
13	161445	90° FITTING	1	31	177919	CABIN AIR FILTER	1
14	205609	HEATER HOSE (0.40M)	1	32	163634	WASHER	8
15	164983	KNOB M8X20	1	33	204966	HEX SCREW	2
16	161424	WASHER	2	34	161660	WASHER GR A6.4 ZO DIN 125	4
17	7788010663	UNION NUT AL 12 VERZ.	2	35	205049	TRIM	1
18	160860	HOSE COVER	2	36	205050	KNOB	1

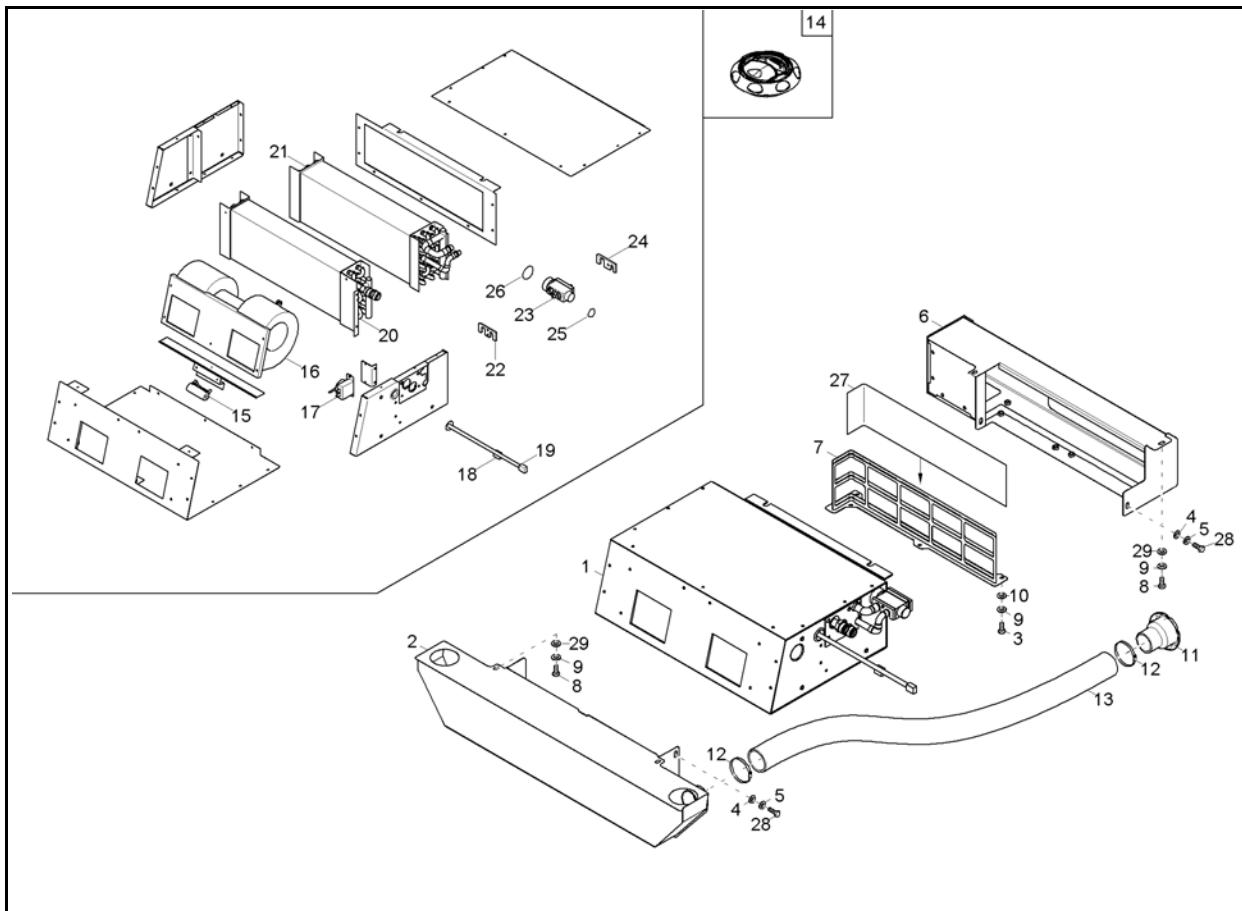
803 - HEATER
1000127010 - (SN AD04617 AND BEFORE)



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)	1
5	206838	HOSE AIR (0.75M)	1	21	205186	HEATER HOSE (5.00M)	1
6	162611	HOSE CLAMP	6	22	177656	AIR NOZZLE	1
7	206838	HOSE AIR (0.75M)	1	23	656093	CS M8-1.25X16 C8.8 ZY DIN931	12
8	206843	HOSE AIR (0.45M)	1	24	163670	LOCKWASHER	12
9	160950	BALL VALVE	1	25	7462680011	WASHER 8.4 ST A2C	4
10	177787	SLIDE	1	26	206433	CAGE NUT	6
11	177786	PERFORATED PLATE (A/C ONLY)	1	27	164908	SCREW	6
12	161476	SCREW JOINT	3	28	161673	LOCKWASHER S4	6
13	161445	90° FITTING	1	29	161658	WASHER/GR A 4.3 ZO DIN125	6
14	161477	SCREW JOINT	1	30	206832	SEAL STRAP FOAM (2.0M)	1
15	164983	KNOB M8X20	1	31	177919	CABIN AIR FILTER	1
16	161424	WASHER	2	32	163634	WASHER	8

803 - AIR CONDITIONING (OPTION)

1000124551



Ref.

No. Part No.

Description

Qty.

1	177943	AIR CONDITIONING SYSTEM	1
2	177790	AIR CONDITIONING CONDUIT	1
3	656105	CS M8-1.25X25 C8.8 ZY DIN931	4
4	7462680008	WASHER	5
5	161675	LOCKWASHER S6	5
6	177789	AIR CONDITIONING CONDUIT	1
7	177788	COVER	1
8	651514	SHCS M8-1.25X16 C8.8 ZY DIN912	4
9	163670	LOCKWASHER	8
10	163634	WASHER	4
11	177656	AIR NOZZLE	1
12	162611	HOSE CLAMP	2
13	206843	HOSE AIR (0.45M)	1
14	177655	AIR NOZZLE	1
15	177697	DIODE	1

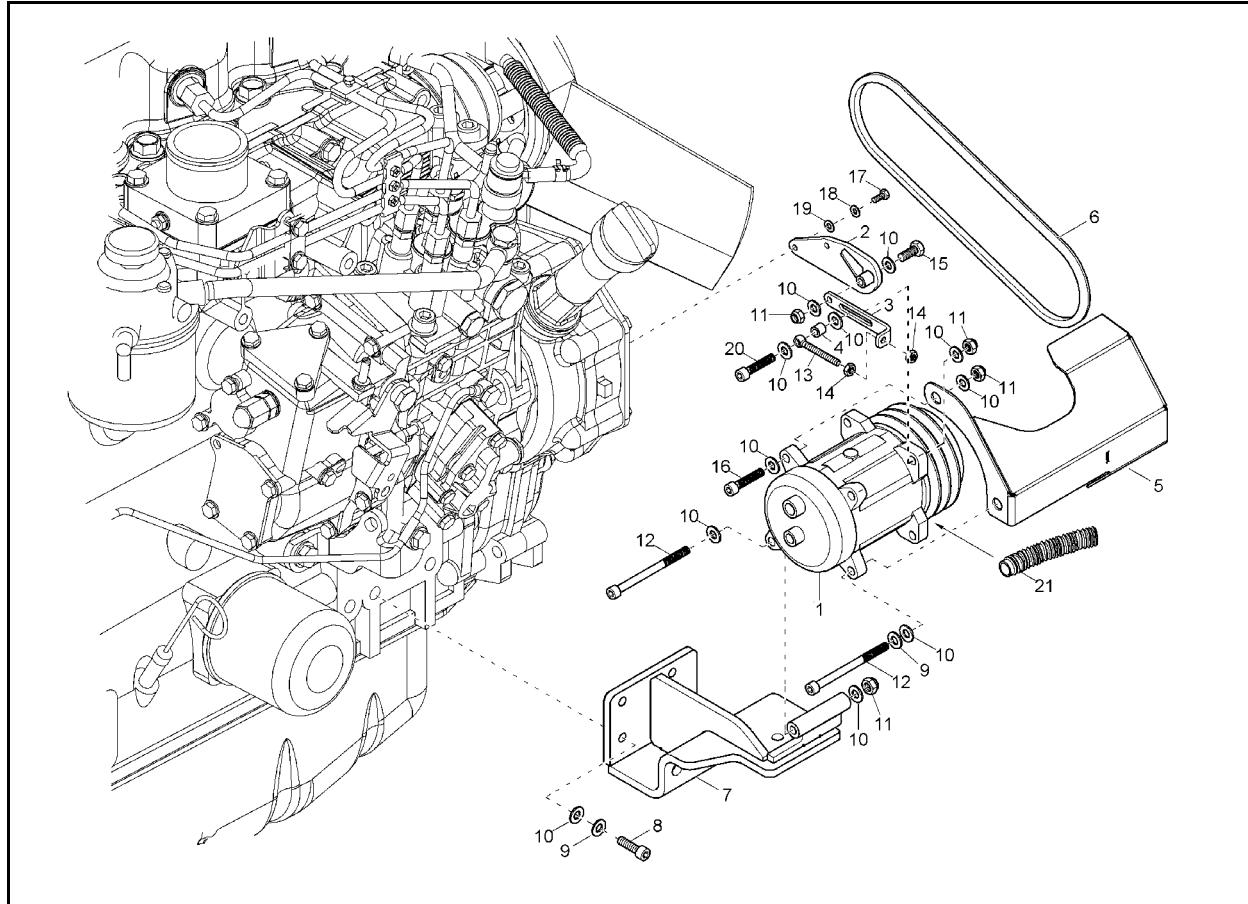
Ref.

No. Part No.

16	178007	FAN	1
17	177662	TEMPERATURE SWITCH	1
18	178008	CABLE	1
19	178009	CABLE	1
20	178010	HEAT EXCHANGER	1
21	178011	EVAPORATOR	1
22	178012	BRACKET	1
23	177704	EXPANSION VALVE	1
24	178013	BRACKET	1
25	177806	SEAL	1
26	177807	SEAL	1
27	177793	CIRCULATION FILTER	1
28	162860	SCREW	5
29	161662	WASHER/GR A 8.4 ZO	4

803 - AIR CONDITIONING COMPRESSOR (OPTION)

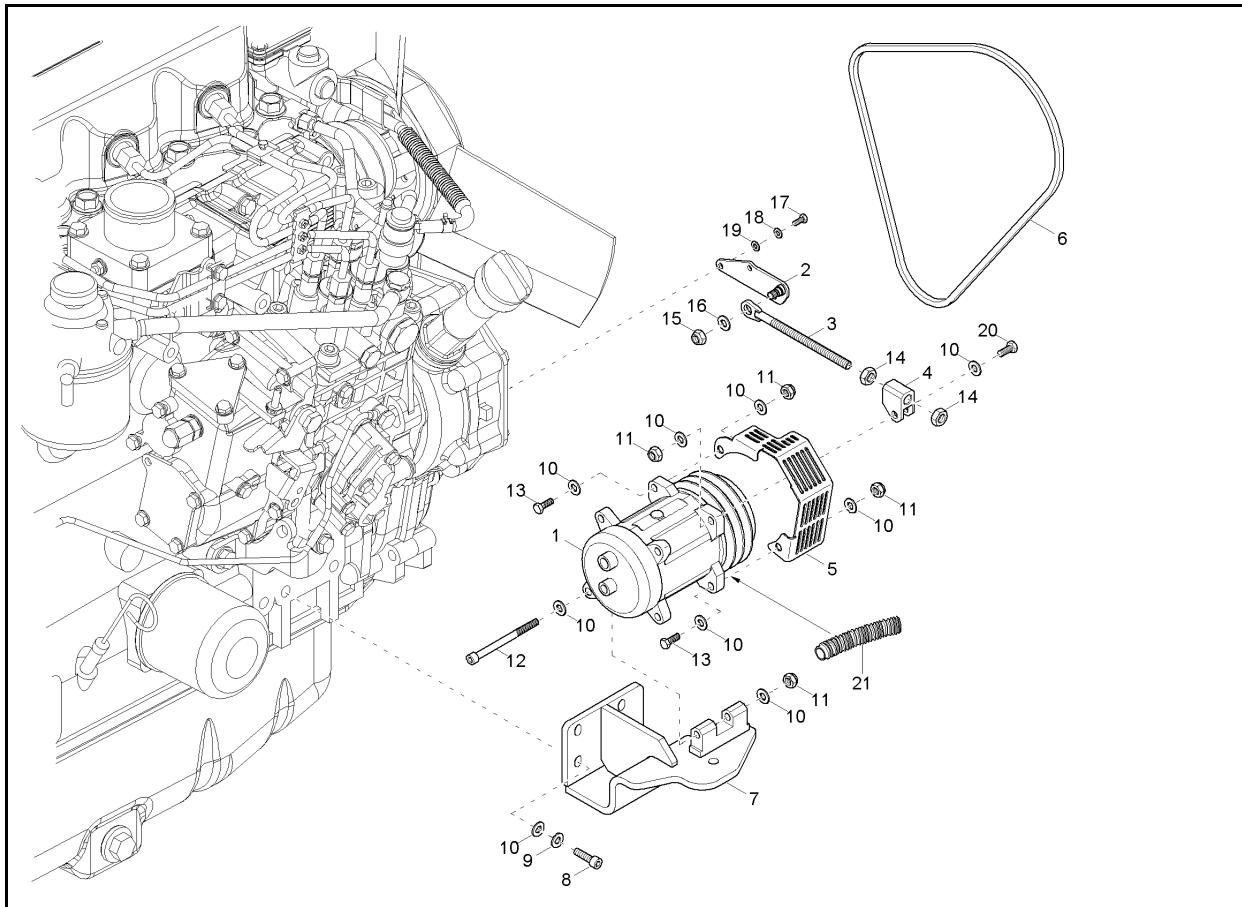
1000172233 - (SN AD06355 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	177736	COMPRESSOR/AIR CONDITIONING	1	12	177220	SHCS	2
2	202114	BRACKET	1	13	204871	EYE BOLT	1
3	204872	ADJUSTMENT BRACKET	1	14	656102	HN M10-1.25X25 F8.8 ZY DIN934	2
4	204874	BUSHING	1	15	203435	HEX SCREW	1
5	204873	V-BELT COVER	1	16	163344	SCREW	1
6	177231	V-BELT	1	17	163024	SCREW	3
7	204875	ENGINE MOUNT	1	18	163670	LOCKWASHER	3
8	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	4	19	161662	WASHER/GR A 8.4 ZO	3
9	161669	LOCKWASHER S10	5	20	165927	SCREW	1
10	161640	WASHER/GR A 10.5	14	21	203440	CABLE HOSE (0.50M)	1
11	651448	LN INS M10-1.5 C8 ZY DIN6924	4				

803 - AIR CONDITIONING COMPRESSOR (OPTION)

1000133147 - (SN AD06354 AND BEFORE)



Ref.

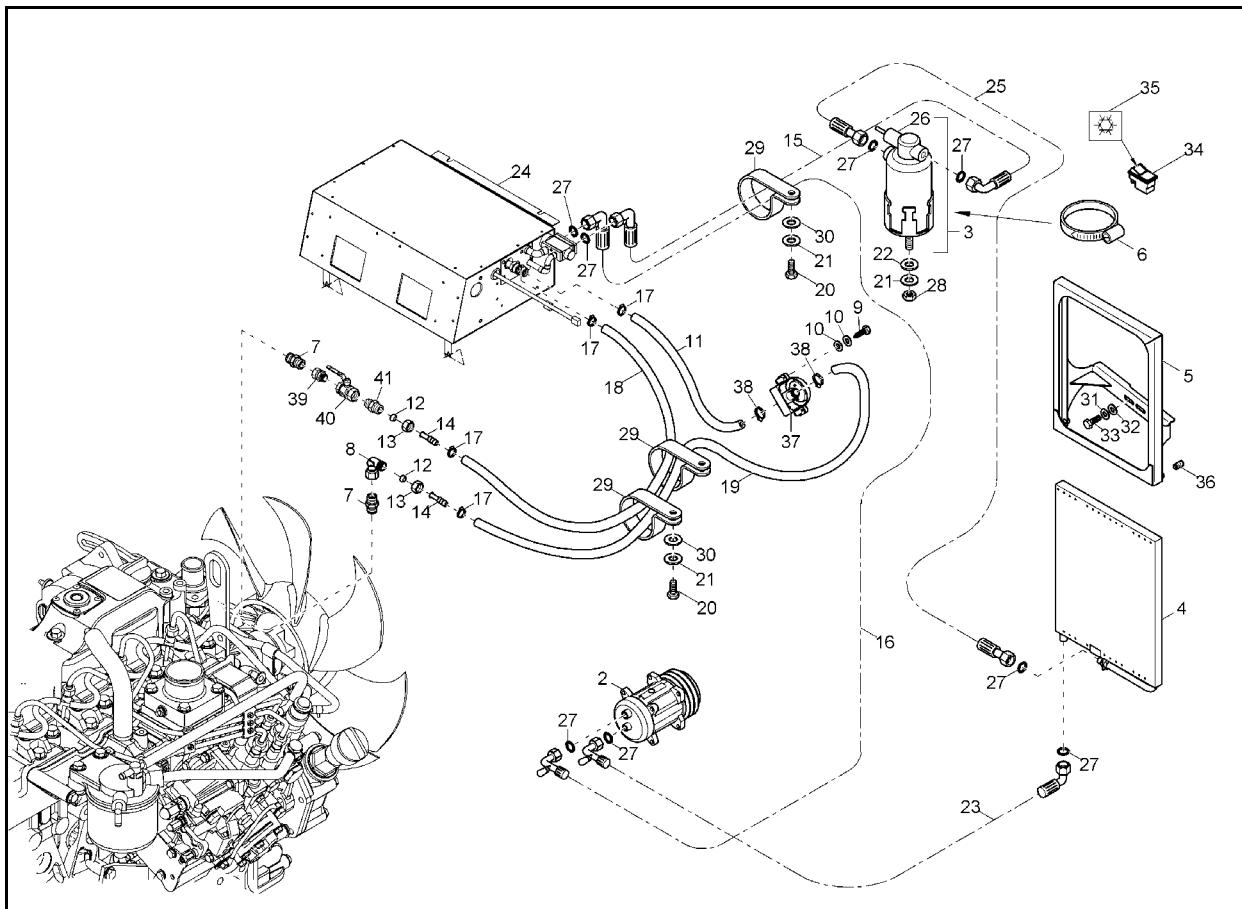
No.	Part No.	Description	Qty.
1	177736	COMPRESSOR/AIR CONDITIONING	1
2	177134	JOINT	1
3	177133	TIE ROD	1
4	177135	BRACKET CLUTCH	1
5	177038	COVER	1
6	177231	V-BELT	1
7	177037	ENGINE MOUNT RF	1
8	651473	SHCS M10-1.25X25 F8.8 ZY DIN912	4
9	161669	LOCKWASHER S10	4
10	161640	WASHER/GR A 10.5	12
11	651448	LN INS M10-1.5 C8 ZY DIN6924	4

Ref.

No.	Part No.	Description	Qty.
12	177220	SHCS	1
13	177221	HEX SCREW	2
14	162046	NUT	2
15	179793	NUT	1
16	177454	SPACER	1
17	163024	SCREW	3
18	163670	LOCKWASHER	3
19	161662	WASHER/GR A 8.4 ZO	3
20	656002	CS M8-1.25X35 C8.8 ZY DIN931	1
21	204972	CABLE HOSE (0.35M)	1

803 - AIR CONDITIONING INSTALLATION (OPTION)

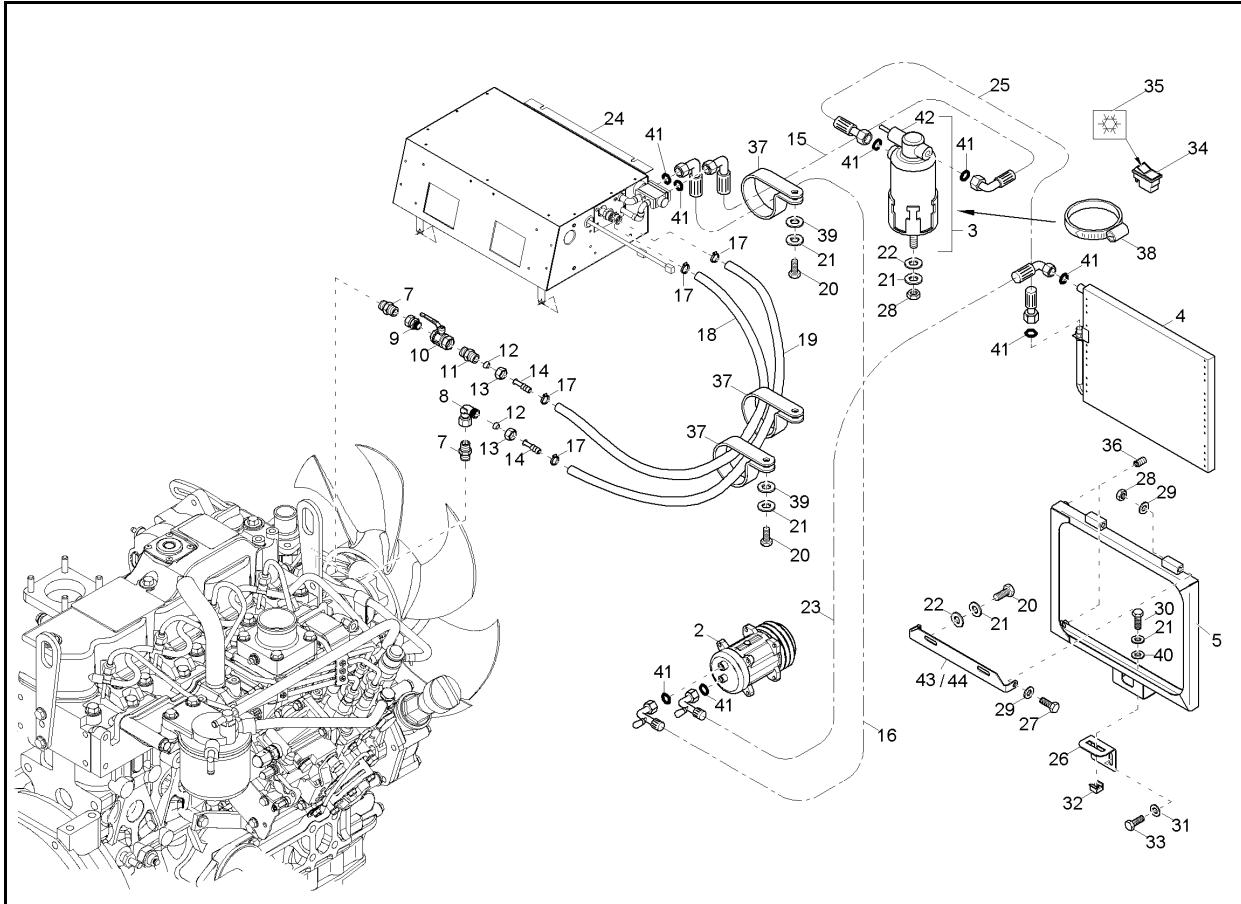
1000181139 - (SN AD04603 AND UP)



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	177736	COMPRESSOR/AIR CONDITIONING	1	24	177943	AIR CONDITIONING SYSTEM See page 182 for individual components	1
3	177894	AIR-DRYER	1	25	177525	AIR CONDITIONING SYSTEM HOSE	1
4	177708	CONDENSER	1	26	206806	PRESSURE SWITCH	1
5	205138	CONDENSER BRACKET	1	27	206853	SEAL KIT CLIMATE	1
6	163210	HOSE CLAMP	1	28	651458	LN INS M8-1.25 C8 ZY DIN6924	1
7	161491	SCREW JOINT	2	29	165983	PIPE CLAMP	3
8	161445	90° FITTING	1	30	161668	WASHER/GR A 8.4 ZO DIN134	3
9	204966	HEX SCREW	2	31	161669	LOCKWASHER S10	2
10	161660	WASHER GR A6.4 ZO DIN 125	4	32	161663	WASHER/GR A 10.5 ZO	2
11	205609	HEATER HOSE (0.40M)	1	33	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
12	161424	WASHER	2	34	164883	LIGHT SWITCH	1
13	7788010663	UNION NUT AL 12 VERZ.	2	35	208247	AIR CONDITIONING SYMBOL	1
14	160860	HOSE COVER	2	36	162479	SCREW MOUNT	2
15	177023	HOSE/AIR CONDITIONING SYSTEM	1	37	205843	WATER VALVE (SN AD04618 and up)	1
16	177523	HOSE/AIR CONDITIONING SYSTEM	1	38	162064	HOSE CLAMP (SN AD04618 and up)	2
17	162064	HOSE CLAMP	4	39	161477	SCREW JOINT (SN AD04617 and before)	1
18	205186	HEATER HOSE (5.00M)	1	40	160950	BALL VALVE (SN AD04617 and before)	1
19	205186	HEATER HOSE (5.00M)	1	41	161476	SCREW JOINT (SN AD04617 and before)	1
20	177648	HEX SCREW	3				
21	163670	LOCKWASHER	4				
22	163634	WASHER	1				
23	205139	AIR CONDITIONING SYSTEM HOSE	1				

803 - AIR CONDITIONING INSTALLATION (OPTION)

1000133148 - (SN AD04602 AND BEFORE)



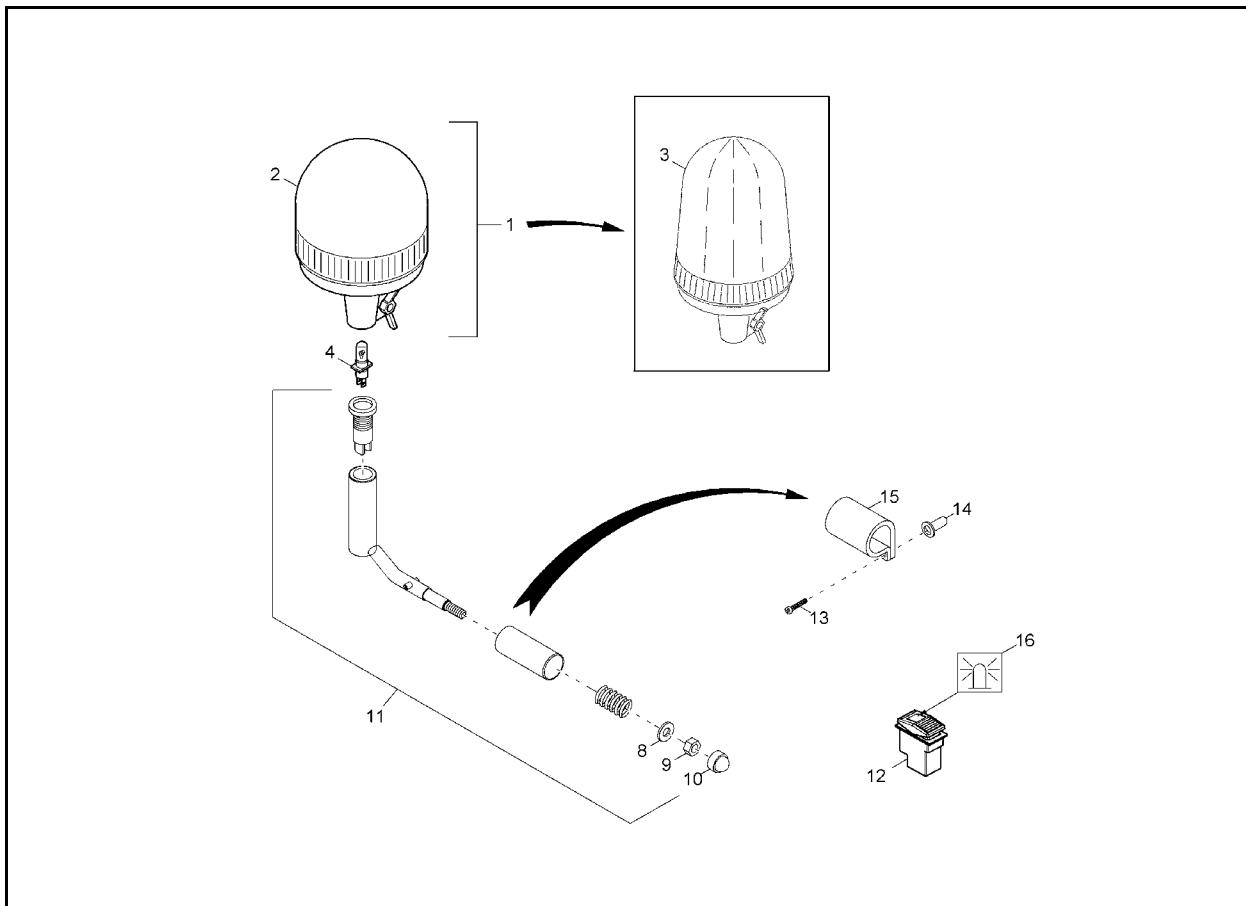
Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
2	177736	COMPRESSOR/AIR CONDITIONING	1	20	177648	HEX SCREW	5
3	177894	AIR-DRYER	1	21	163670	LOCKWASHER	7
4	177708	CONDENSER	1	22	163634	WASHER	3
5	205102	BRACKET CONDENSER (SN AC02873 and up)	1	23	177025	HOSE/AIR CONDITION SYSTEM	1
	177142	BRACKET CONDENSER (SN AC02872 and before)	1	24	177943	AIR CONDITIONING SYSTEM See page 182 for individual components	1
7	161476	SCREW JOINT	2	25	177024	HOSE AIR CONDITIONING SYSTEM	1
8	161445	90° FITTING	1	26	177012	ANGLE	1
9	161477	SCREW JOINT	1	27	651438	HB M8-1.25X70 C8.8 ZY	2
10	160950	BALL VALVE	1	28	651458	LN INS M8-1.25 C8 ZY DIN6924	3
11	161476	SCREW JOINT	1	29	161662	WASHER/GR A 8.4 ZO	4
12	161424	WASHER	2	30	177648	HEX SCREW (SN AC02873 and up)	1
13	7788010663	UNION NUT AL 12 VERZ.	2		651393	CS M10-1.5X25 C8.8 ZY (SN AC02872 and before)	1
14	160860	HOSE COVER	2	31	161663	WASHER/GR A 10.5 ZO	2
15	177023	HOSE AIR CONDITIONING SYSTEM	1	32	161615	HEX SCREW (SN AC02873 and up)	1
16	177523	HOSE AIR CONDITIONING SYSTEM	1		651448	NUT/CAGE M8 (SN AC02872 and before)	1
17	162064	HOSE CLAMP	4	33	656006	CS M10-1.5X20 C8.8 ZY DIN931	2
18	205186	HEATER HOSE (5.00M)	1				
19	205186	HEATER HOSE (5.00M)	1				

803 - AIR CONDITIONING INSTALLATION (OPTION)
1000133148 - (SN AD04602 AND BEFORE)

Ref.		Ref.	
No.	Part No.	No.	Part No.
34	164883	LIGHT SWITCH	1
35	208247	AIR CONDITIONING SYMBOL	1
36	162479	SCREW MOUNT (SN AC02873 and up)	2
	206436	HEX SCREW (SN AC02872 and before)	2
37	165983	PIPE CLAMP	3
38	163210	HOSE CLAMP	1
39	161668	WASHER/GR A 8.4 ZO DIN134	3
40	7462680011	WASHER 8.4 ST A2C	1
41	206853	SEAL KIT/CLIMATE	1
42	206806	PRESSURE SWITCH	1
43	177143	HINGE	1
44	205103	HINGE	1

803 - 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

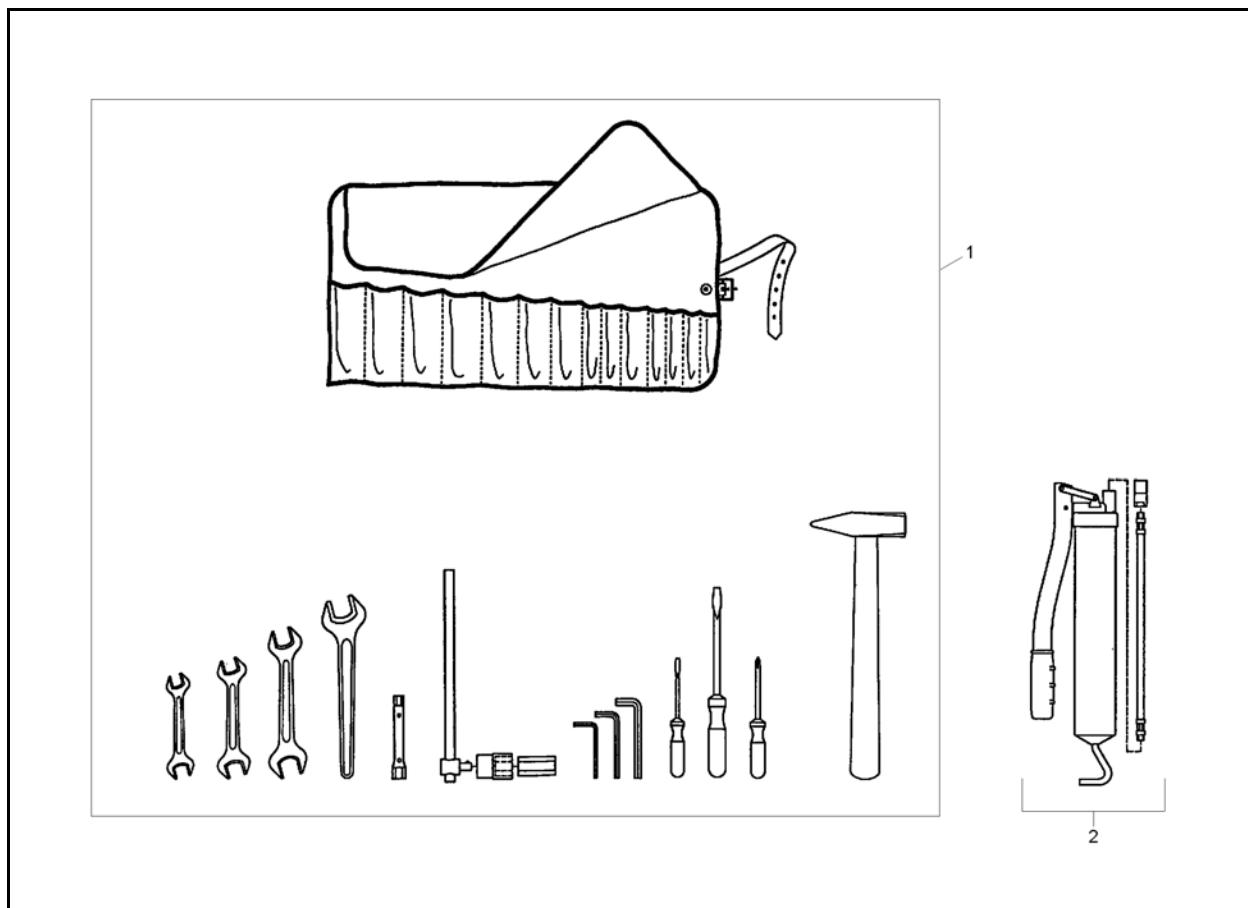
Ref.

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



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

NOTES

Index

A

Air Conditioning (Option)	182
Air Conditioning Compressor (Option) ..	183
Air Conditioning Installation (Option)	185
Auto Idle/Throttle - Tier III	38
Auxiliary Hydraulics - Pilot Valve	72
Auxiliary Hydraulics Installation	96

B

Battery	103
Boom	159
Boom Cylinder	84
Boom Installation	83
Boom Offset Cylinder	93
Boom Offset Cylinder Installation	92
Boom Work Light	113
Bottom Roller	137
Bucket Cylinder	90
Bucket Installation - Long Dipper Arm (Option)	89
Bucket Installation - Short Dipper Arm	88

C

Cab Door	171
Cab Frame 1	165
Cab Frame 2	168
Cab Mounting	164
Cab Trim	176
Cab Work Light - Rear (Option)	112
Cab Work Lights - Front (Option)	110
Cabin Windows	175
Camshaft - Tier II	19
Camshaft - Tier III	18
Chassis	140
Chassis Cover	156
Control Valve Assembly	62
Control Valve Fittings	60, 72
Cooling System - Tier II	25
Cooling System - Tier III	24
Counterweight	142
Counterweight (Option)	144
Crankshaft, Piston - Tier II	21
Crankshaft, Piston - Tier III	20
Cut-Off Valve	64
Cylinder Block	13

Cylinder Head, Valve Cover	12
----------------------------------	----

D

Dashboard	104
Decal Locations	4
Diesel Engine - Tier II	9
Diesel Engine - Tier III	8
Diesel Tank	34
Dipper Arm - Long (Option)	162
Dipper Arm - Short	160
Dipper Arm Cylinder	87
Dipper Arm Installation	86
Dozer Blade	127
Dozer Blade Cylinder	95
Dozer Blade Installation	94
Dozer Blade Valve	73
Drive Motor (Mag 44)	53
Drive Motor (Mag 50)	52
Drive Motor Installation	50

E

Engine Air Filter - Tier II	29
Engine Air Filter - Tier III	28
Engine Hood - Tier II	146
Engine Hood - Tier III	145
Engine Mounts - Tier II	11
Engine Mounts - Tier III	10
Exhaust Components - Tier II	33
Exhaust Components - Tier III	32

F

Fuel Injection System - Tier II	27
Fuel Injection System - Tier III	26
Fuel Supply - Tier II	37
Fuel Supply - Tier III	36

H

Heater	180
Horn	107
Hydraulic Oil Tank	55
Hydraulic Pump	58
Hydraulic Pump Components	59
Hydraulic Pump Drive	35
Hydraulic Pump Installation	82
Hydraulic Tank Hoses	100

Index

I

Intake Manifold - Tier II	31
Intake Manifold - Tier III	30
Introduction	Inside Front Cover
ISO/SAE Valve	76
ISO/SAE Valve Installation	99
Isolation Mats	152

J

Joysticks	68
-----------------	----

L

Lubrication	141
Lubrication - Tier II	23
Lubrication - Tier III	22

M

Manifold	80
Manifold Block	77
Mirrors	158

N

Numerical Index	193
-----------------------	-----

O

Oil Cooler	47
Oil Pan - Tier II	17
Oil Pan - Tier III	16
Operator's Seat	178

P

Partition Wall	149
Pilot Control Drive Unit	48
Pilot Oil Supply Unit	63
Pilot Pressure Hoses	102
Pilot Valve, Travel	70
Proportional Control (Option)	98
Proportional Valve (Option)	74

R

Radiator - Tier II	41
Radiator - Tier III	40
Radio (Option)	106

Relay Box	108
Rotating Beacon (Option)	188
Rubber Track	129

S

Seal - Crankshaft - Tier II	15
Seal - Crankshaft - Tier III	14
Selection Valve	75
Steel Track (Option)	131
Swivel Joint	67

T

Table of Contents	1
Tank Cover	148
Throttle Lever - Tier II	39
Tools	189
Top Roller	138,139
Track Roller (Rubber Track)	136
Track Tensioner, Rubber Track	132
Track Tensioner, Steel Track (Option)	134
Turntable Drive Unit	46
Turntable Drive Unit Installation	44

U

Undercarriage Cover	155
Undercarriage, Rubber Track	128
Undercarriage, Steel Track (Option)	130

V

Valve Block	78
-------------------	----

W

Windshield	172
Wire Harness - Armrest	119
Wire Harness - Auto-Idle (Option)	124
Wire Harness - Cab	123
Wire Harness - Chassis	117
Wire Harness - Chassis, Engine	115
Wire Harness - Engine	114
Wire Harness - Oil Control	118
Wire Harness - Proportional Control (Option)	126
Wire Harness - Switch	120
Wire Harness - Work Light - Front	122

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
101792	34	8	160886	134	8	161205	85	7
101792	104	6	160886	135	8	161209	54	15
101792	105	6	160891	109	4	161220	100	3
101792	145	22	160918	72	8	161220	101	3
101792	146	22	160918	73	6	161221	83	5
101792	147	22	160945	132	9	161221	86	9
101792	171	15	160945	133	9	161221	88	6
137499	37	9	160945	134	9	161221	89	6
160426	31	4	160945	135	9	161221	99	4
160427	24	15	160950	181	9	161230	50	9
160427	25	5	160950	185	40	161230	51	9
160437	63	3	160950	186	10	161230	102	12
160488	176	7	160983	132	10	161233	102	5
160488	177	7	160983	133	10	161237	83	6
160525	171	7	160983	134	10	161237	86	11
160537	110	1	160983	135	10	161237	100	11
160537	111	1	160996	57	37	161237	101	11
160537	112	1	161059	34	6	161238	98	5
160537	113	1	161067	56	12	161238	100	2
160549	103	5	161070	128	13	161238	101	2
160611	178	23	161070	130	12	161256	50	3
160638	132	2	161070	137	1	161256	51	3
160638	133	2	161071	128	26	161261	102	3
160638	134	2	161071	136	1	161268	102	2
160638	135	2	161072	128	15	161276	98	4
160639	168	9	161072	130	15	161276	102	6
160639	169	9	161072	138	1	161277	50	6
160639	170	30	161072	139	1	161277	51	6
160639	171	18	161074	139	5	161349	44	6
160639	174	17	161075	128	27	161349	45	6
160640	174	2	161075	130	26	161350	100	8
160658	71	24	161075	136	6	161350	101	8
160763	75	1	161075	137	6	161363	71	26
160821	109	3	161087	173	32	161366	107	1
160860	180	18	161087	174	11	161367	110	2
160860	181	18	161154	72	1	161367	111	2
160860	185	14	161156	93	18	161367	112	2
160860	186	14	161189	127	3	161367	113	2
160886	132	8	161190	127	4	161374	104	9
160886	133	8	161191	127	5	161374	105	9

803 - Numerical Index

Part No.	Page No.	Ref. No.
161374	108	4
161374	114	4
161375	104	10
161375	105	10
161397	56	19
161401	141	12
161402	164	26
161402	168	27
161405	160	26
161405	161	26
161405	162	26
161405	163	26
161405	164	27
161409	160	20
161409	161	20
161409	162	20
161409	163	20
161411	141	4
161412	93	5
161412	95	5
161412	127	8
161412	128	8
161412	130	8
161412	140	5
161412	159	43
161412	160	27
161412	161	27
161412	162	27
161412	163	27
161414	55	34
161414	56	34
161414	77	6
161415	34	9
161415	55	25
161415	56	25
161417	128	10
161417	130	10
161422	93	4
161422	95	6
161422	127	9

Part No.	Page No.	Ref. No.
161422	128	9
161422	130	9
161422	140	4
161422	141	5
161422	159	44
161422	160	28
161422	161	28
161422	162	28
161422	163	28
161424	180	16
161424	181	16
161424	185	12
161424	186	12
161426	36	16
161426	55	30
161426	56	30
161426	58	12
161426	63	10
161426	64	10
161426	67	4
161426	68	3
161426	69	3
161426	69	11
161426	69	14
161426	70	6
161426	71	27
161426	72	6
161426	73	7
161426	74	3
161426	75	4
161426	76	2
161426	77	2
161426	78	2
161426	79	2
161426	99	6
161427	34	12
161427	75	2
161429	55	32
161429	56	32
161431	64	3

Part No.	Page No.	Ref. No.
161431	65	3
161431	66	3
161431	80	10
161431	81	10
161433	41	5
161433	42	5
161433	43	5
161433	47	7
161433	80	3
161433	81	3
161433	96	9
161443	34	13
161443	58	13
161443	60	15
161443	61	15
161443	71	21
161443	72	5
161443	73	5
161443	74	4
161443	76	3
161445	55	33
161445	56	33
161445	180	13
161445	181	13
161445	185	8
161445	186	8
161446	55	21
161446	57	45
161446	58	5
161446	80	4
161446	81	11
161448	60	13
161448	60	28
161448	60	37
161448	61	13
161448	61	28
161448	98	6
161448	102	13
161450	46	20
161450	58	14

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
161450	60	14	161483	66	7	161612	42	23
161450	60	29	161483	84	25	161612	43	23
161450	61	14	161483	85	25	161615	103	14
161450	61	29	161483	90	2	161615	145	14
161450	64	12	161483	91	2	161615	146	14
161450	67	6	161491	185	7	161615	147	14
161450	70	21	161517	160	13	161615	186	32
161450	70	24	161517	161	13	161618	171	2
161450	71	22	161517	162	13	161618	174	27
161450	72	7	161517	163	13	161618	178	31
161450	76	7	161518	159	21	161619	149	16
161450	78	6	161519	160	17	161619	150	16
161457	141	11	161519	161	17	161619	151	16
161459	55	35	161519	162	17	161623	112	5
161459	57	38	161519	163	17	161626	149	17
161459	67	5	161521	127	6	161626	150	17
161461	141	6	161525	140	2	161626	151	17
161463	55	36	161528	160	15	161627	142	8
161463	57	39	161528	161	15	161627	143	8
161468	141	9	161528	162	15	161631	178	20
161469	141	10	161528	163	15	161636	128	11
161472	96	21	161567	63	2	161636	130	11
161473	46	10	161570	140	3	161637	46	4
161474	60	35	161573	55	20	161637	128	21
161476	180	12	161573	57	47	161637	130	21
161476	181	12	161581	127	7	161637	140	18
161476	185	41	161581	160	21	161640	10	8
161476	186	7	161581	161	21	161640	11	8
161476	186	11	161581	162	21	161640	29	12
161477	181	14	161581	163	21	161640	35	8
161477	185	39	161583	159	22	161640	40	5
161477	186	9	161583	160	19	161640	47	4
161479	83	8	161583	161	19	161640	55	15
161479	86	7	161583	162	19	161640	56	15
161479	88	8	161583	163	19	161640	63	9
161479	89	8	161584	93	7	161640	70	19
161482	93	6	161589	95	9	161640	71	19
161483	64	2	161610	148	7	161640	80	9
161483	65	2	161611	172	35	161640	81	9
161483	66	2	161612	41	23	161640	84	22

803 - Numerical Index

Part No.	Page No.	Ref. No.
161640	85	22
161640	87	21
161640	90	14
161640	108	14
161640	109	14
161640	128	25
161640	130	25
161640	140	12
161640	145	4
161640	146	4
161640	147	4
161640	149	4
161640	150	4
161640	151	4
161640	155	4
161640	156	5
161640	157	5
161640	159	25
161640	160	6
161640	161	6
161640	162	6
161640	163	6
161640	164	20
161640	183	10
161640	184	10
161642	34	21
161642	35	5
161642	55	18
161642	56	18
161642	58	25
161642	140	32
161642	164	10
161643	132	5
161643	133	5
161643	134	5
161643	135	5
161644	164	7
161644	164	31
161645	11	12
161645	60	6

Part No.	Page No.	Ref. No.
161645	61	6
161645	164	29
161651	40	13
161652	87	13
161652	93	13
161653	143	3
161653	144	3
161658	180	29
161658	181	29
161659	34	5
161659	40	25
161659	41	25
161659	42	25
161659	43	25
161659	56	23
161659	76	6
161660	8	14
161660	9	14
161660	39	6
161660	41	13
161660	42	13
161660	43	13
161660	68	6
161660	69	6
161660	74	7
161660	75	3
161660	77	5
161660	78	5
161660	79	5
161660	103	11
161660	178	41
161660	180	34
161660	185	10
161662	182	29
161662	183	19
161662	184	19
161662	186	29
161663	40	20
161663	41	20
161663	42	20

Part No.	Page No.	Ref. No.
161663	43	20
161663	140	28
161663	148	6
161663	178	38
161663	185	32
161663	186	31
161665	108	10
161665	109	10
161665	172	34
161668	111	9
161668	172	26
161668	173	36
161668	174	26
161668	179	48
161668	185	30
161668	187	39
161668	188	8
161669	10	7
161669	11	7
161669	29	7
161669	35	7
161669	40	18
161669	41	18
161669	42	18
161669	43	18
161669	47	3
161669	55	14
161669	56	14
161669	58	19
161669	60	9
161669	61	9
161669	63	8
161669	70	18
161669	71	18
161669	80	8
161669	81	8
161669	84	21
161669	85	21
161669	87	20
161669	90	13

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
161669	108	13	161675	75	6	161970	4	3
161669	109	13	161675	77	4	161970	6	3
161669	128	16	161675	78	4	161981	4	4
161669	130	16	161675	79	4	161981	6	4
161669	140	11	161675	141	3	161982	4	5
161669	145	13	161675	178	28	161982	6	5
161669	146	13	161675	182	5	161985	4	6
161669	147	13	161677	149	30	161985	6	6
161669	148	5	161677	150	14	161986	4	7
161669	149	29	161677	151	14	161986	6	7
161669	150	3	161679	29	15	161987	4	8
161669	151	3	161683	159	30	161987	6	8
161669	155	3	161683	160	22	161994	103	8
161669	156	4	161683	161	22	161998	108	7
161669	157	4	161683	162	22	161998	114	3
161669	159	24	161683	163	22	161998	115	3
161669	160	5	161691	149	31	161998	116	3
161669	161	5	161691	150	15	162022	55	13
161669	162	5	161691	151	15	162027	70	16
161669	163	5	161722	141	1	162027	71	16
161669	178	37	161730	179	53	162029	170	7
161669	183	9	161732	115	4	162031	165	25
161669	184	9	161732	116	4	162031	166	25
161669	185	31	161732	117	2	162031	167	25
161673	180	28	161764	70	15	162031	170	8
161673	181	28	161764	70	22	162032	46	19
161674	34	4	161764	71	15	162035	106	6
161674	56	22	161764	71	24	162035	176	14
161674	76	5	161805	178	30	162035	177	14
161674	108	9	161847	173	27	162036	170	14
161674	109	9	161847	174	15	162046	184	14
161674	166	37	161848	178	24	162064	16	7
161674	172	33	161875	164	13	162064	17	7
161675	8	13	161921	168	2	162064	180	19
161675	9	13	161921	169	2	162064	181	19
161675	39	5	161921	170	2	162064	185	17
161675	40	29	161965	4	1	162064	185	38
161675	68	5	161965	6	1	162064	186	17
161675	69	5	161966	4	2	162072	179	47
161675	74	6	161966	6	2	162243	75	10

803 - Numerical Index

Part No.	Page No.	Ref. No.
162245	75	9
162246	75	7
162355	39	7
162398	39	3
162398	73	12
162400	92	5
162444	49	1
162447	44	4
162447	45	4
162450	4	9
162450	6	9
162451	4	10
162451	6	10
162478	40	24
162478	41	24
162478	42	24
162478	43	24
162479	185	36
162479	187	36
162607	158	2
162611	28	13
162611	29	2
162611	180	6
162611	181	6
162611	182	12
162716	145	33
162716	146	7
162716	147	7
162737	110	8
162737	158	3
162737	165	17
162737	166	17
162737	167	17
162738	178	1
162790	63	13
162797	168	12
162797	169	12
162797	170	23
162797	175	8
162812	168	17

Part No.	Page No.	Ref. No.
162812	169	1
162812	170	29
162812	171	10
162838	108	15
162838	114	2
162838	115	2
162838	116	2
162839	106	3
162860	167	3
162860	178	27
162860	182	28
162864	171	5
162870	165	8
162870	166	8
162870	167	8
162924	110	10
162924	158	5
162924	165	4
162924	165	15
162924	166	4
162924	166	15
162924	167	4
162924	167	15
162924	168	20
162924	169	20
162925	165	20
162925	166	20
162925	167	20
162957	44	3
162957	45	3
162957	100	15
162957	101	12
163001	56	28
163024	183	17
163024	184	17
163030	133	12
163030	135	12
163031	132	17
163031	133	17
163031	134	17

Part No.	Page No.	Ref. No.
163031	135	17
163032	133	14
163032	135	14
163033	133	13
163033	135	13
163034	133	11
163034	135	11
163035	132	18
163035	133	18
163035	134	18
163035	135	18
163104	62	6
163115	67	7
163171	128	29
163171	130	28
163171	155	5
163172	155	1
163177	139	2
163178	139	3
163179	139	4
163187	136	2
163187	137	2
163188	136	3
163188	137	3
163189	136	4
163189	137	4
163189	138	3
163190	136	5
163190	137	5
163193	136	7
163193	137	7
163210	28	20
163210	185	6
163210	187	38
163213	158	1
163290	44	8
163290	45	8
163290	102	7
163292	50	2
163292	51	2

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
163297	44	7	163634	42	36	163651	58	22
163297	45	7	163634	55	26	163651	60	5
163299	50	4	163634	57	51	163651	61	5
163299	51	4	163634	58	10	163651	73	10
163300	50	5	163634	63	6	163651	140	31
163300	51	5	163634	70	10	163651	164	6
163335	92	8	163634	71	10	163651	164	9
163344	183	16	163634	72	4	163670	8	16
163352	93	2	163634	73	4	163670	9	16
163352	95	3	163634	93	23	163670	28	5
163352	127	11	163634	107	4	163670	32	24
163354	93	17	163634	145	10	163670	33	12
163354	95	4	163634	150	30	163670	36	12
163354	127	12	163634	156	8	163670	37	12
163355	67	11	163634	164	37	163670	41	36
163356	46	2	163634	178	8	163670	42	35
163356	60	19	163634	180	32	163670	55	39
163356	61	19	163634	181	32	163670	57	50
163356	67	12	163634	182	10	163670	58	9
163357	67	3	163634	185	22	163670	63	5
163358	58	11	163634	186	22	163670	70	9
163358	58	27	163641	67	10	163670	71	9
163358	67	2	163641	128	24	163670	72	3
163361	58	3	163641	130	24	163670	73	3
163363	87	16	163642	10	12	163670	93	22
163376	84	4	163642	41	19	163670	103	4
163376	85	4	163642	42	19	163670	107	3
163379	84	18	163642	43	19	163670	145	9
163379	85	18	163642	60	10	163670	146	9
163379	87	5	163642	61	10	163670	147	9
163634	8	10	163642	145	27	163670	149	9
163634	9	17	163642	145	31	163670	150	9
163634	28	6	163642	146	24	163670	151	9
163634	32	23	163642	147	24	163670	156	9
163634	33	13	163645	140	22	163670	164	36
163634	36	13	163651	10	16	163670	178	7
163634	36	19	163651	34	15	163670	180	24
163634	37	13	163651	35	4	163670	181	24
163634	40	38	163651	55	17	163670	182	9
163634	41	37	163651	56	17	163670	183	18

803 - Numerical Index

Part No.	Page No.	Ref. No.
163670	184	18
163670	185	21
163670	186	21
163973	4	11
163973	6	11
163974	4	12
163974	6	12
163975	4	13
163975	6	13
163976	4	14
163976	6	14
163977	4	15
163977	6	15
163978	4	16
163978	6	16
164182	176	8
164182	177	8
164187	106	2
164311	40	9
164311	41	9
164311	42	9
164311	43	9
164315	16	4
164315	17	4
164332	32	13
164337	29	11
164350	33	4
164351	32	3
164368	26	4
164368	27	4
164370	26	5
164370	27	5
164371	26	6
164371	27	6
164372	26	7
164372	27	7
164373	26	8
164373	27	8
164382	8	4
164382	9	4

Part No.	Page No.	Ref. No.
164393	24	8
164395	22	4
164395	23	4
164438	33	9
164445	43	21
164535	68	10
164535	69	10
164535	69	16
164535	70	17
164535	71	17
164662	12	19
164662	14	11
164662	15	11
164663	26	9
164663	27	9
164666	12	15
164666	12	25
164673	172	23
164673	173	26
164673	174	14
164677	168	13
164677	169	13
164677	170	24
164678	168	4
164678	169	4
164678	170	4
164679	170	10
164680	170	9
164683	106	8
164684	175	11
164686	165	31
164686	166	31
164686	167	31
164688	171	16
164688	172	15
164688	173	18
164689	171	4
164689	176	5
164689	177	5
164696	104	3

Part No.	Page No.	Ref. No.
164696	105	3
164706	75	8
164708	104	5
164708	105	5
164709	104	17
164709	105	17
164710	104	15
164710	105	15
164714	34	7
164719	16	3
164719	17	3
164771	168	3
164771	169	3
164771	170	3
164778	14	8
164778	15	8
164794	44	9
164794	45	9
164794	96	3
164794	98	2
164795	44	10
164795	45	10
164799	49	4
164804	49	3
164851	40	22
164851	41	22
164851	42	22
164851	43	22
164851	55	31
164851	56	31
164851	149	21
164851	150	21
164851	151	21
164854	4	17
164854	6	17
164871	110	4
164871	111	4
164871	112	4
164879	104	18
164879	105	18

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
164881	104	16	164981	179	56	165521	71	4
164881	105	16	164982	179	55	165522	70	3
164883	104	14	164983	180	15	165522	71	3
164883	105	14	164983	181	15	165523	70	2
164883	185	34	164986	179	50	165523	71	2
164883	187	34	165036	103	2	165543	62	14
164883	188	12	165037	68	2	165927	183	20
164884	104	20	165037	69	2	165946	77	3
164884	105	20	165038	69	9	165948	174	31
164884	110	3	165039	68	14	165952	178	22
164884	111	3	165039	69	17	165965	58	4
164884	112	3	165040	69	7	165966	46	6
164895	41	38	165043	63	12	165966	52	4
164895	42	12	165045	63	1	165966	53	4
164895	43	12	165052	111	11	165966	54	4
164908	164	30	165052	188	10	165970	60	32
164908	180	27	165089	77	1	165970	61	32
164908	181	27	165159	173	23	165973	60	34
164913	79	3	165159	174	16	165983	185	29
164920	128	6	165168	173	24	165983	187	37
164920	130	6	165168	174	4	173907	4	19
164924	34	11	165199	188	1	173907	6	19
164924	81	4	165200	188	15	176918	4	
164925	55	29	165204	106	4	176918	6	29
164925	56	29	165207	188	3	176921	41	8
164925	80	2	165208	188	11	176921	42	8
164925	81	2	165215	166	42	176921	43	8
164927	99	7	165215	168	15	176924	87	14
164929	99	8	165215	169	15	176925	174	23
164943	96	23	165215	170	27	176926	174	21
164944	96	16	165222	142	7	176928	174	3
164945	46	5	165222	143	7	176929	174	1
164945	52	3	165224	10	9	176930	174	35
164945	53	3	165224	11	9	176933	46	8
164945	54	3	165269	32	21	176934	131	11
164945	58	15	165269	33	15	176935	131	10
164945	60	12	165514	70	20	176936	131	9
164945	61	12	165514	71	20	176937	131	13
164964	28	21	165520	71	5	176938	131	7
164980	179	44	165521	70	4	176943	52	8

803 - Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
176943	53	9	176973	93	11	177007	151	19
176943	54	9	176974	159	31	177008	55	1
176944	52	9	176974	160	24	177008	56	1
176944	53	5	176974	161	24	177009	40	26
176944	54	10	176974	162	24	177009	41	26
176945	52	7	176974	163	24	177009	42	26
176945	53	8	176977	93	9	177009	43	26
176945	54	8	176978	93	10	177010	40	28
176946	53	7	176979	87	15	177010	41	28
176946	54	7	176981	84	14	177010	42	28
176947	52	6	176981	85	14	177010	43	28
176947	53	6	176983	84	10	177011	40	27
176947	54	6	176983	85	10	177011	41	27
176948	59	12	176984	84	9	177011	42	27
176949	59	15	176984	85	9	177011	43	27
176951	59	13	176986	84	8	177012	186	26
176952	59	11	176986	85	8	177015	41	4
176953	59	10	176987	131	6	177015	42	4
176954	59	9	176988	131	5	177020	149	5
176955	59	8	176989	131	4	177020	150	5
176956	59	7	176990	58	20	177020	151	5
176957	59	6	176992	140	21	177022	152	4
176958	59	5	176993	130	27	177022	153	4
176959	59	4	176994	100	9	177022	154	4
176960	59	3	176994	101	9	177023	185	15
176961	59	2	176995	57	35	177023	186	15
176962	59	1	176999	90	6	177024	186	25
176963	160	16	176999	91	6	177025	186	23
176963	161	16	177000	90	5	177029	179	46
176963	162	16	177000	91	5	177030	179	43
176963	163	16	177001	87	11	177031	179	45
176965	132	16	177002	87	10	177032	93	14
176965	133	16	177003	87	9	177033	179	49
176965	134	16	177004	90	11	177034	17	1
176965	135	16	177005	90	10	177035	84	19
176966	132	15	177006	96	24	177035	85	19
176966	133	15	177007	55	5	177035	87	12
176966	134	15	177007	56	5	177035	90	9
176966	135	15	177007	149	19	177035	91	9
176972	93	15	177007	150	19	177035	93	12

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
177035	95	11	177061	154	3	177114	93	8
177037	11	2	177062	153	1	177116	56	7
177037	184	7	177062	154	1	177117	157	1
177038	184	5	177063	84	2	177119	93	3
177039	178	39	177063	85	2	177120	90	15
177041	159	14	177064	23	7	177120	91	10
177042	149	18	177065	41	11	177121	87	17
177042	150	18	177065	42	11	177122	84	15
177042	151	18	177065	43	11	177122	85	15
177043	36	2	177066	41	10	177124	57	44
177043	37	2	177066	42	10	177126	150	1
177044	145	19	177066	43	10	177126	151	1
177044	146	19	177067	23	5	177127	93	1
177044	147	19	177068	150	13	177127	140	14
177045	22	10	177068	151	13	177128	58	17
177045	23	10	177069	83	3	177129	140	15
177046	142	9	177069	99	2	177130	82	6
177046	143	9	177070	156	6	177131	55	2
177047	9	3	177070	157	6	177131	56	2
177050	60	26	177084	149	11	177132	55	3
177050	61	26	177084	150	11	177132	56	3
177055	152	7	177084	151	11	177133	184	3
177055	153	7	177094	128	5	177134	184	2
177055	154	7	177094	130	5	177135	184	4
177056	152	9	177095	105	1	177136	85	5
177056	153	9	177097	87	18	177136	87	2
177056	154	9	177097	159	4	177138	155	6
177057	152	10	177099	146	26	177141	56	10
177057	153	10	177099	147	29	177142	186	5
177057	154	10	177100	22	8	177143	187	43
177058	152	8	177100	23	8	177144	11	16
177058	153	8	177101	140	37	177145	116	1
177058	154	8	177103	134	6	177146	10	4
177059	152	6	177103	135	6	177146	11	4
177059	153	6	177105	131	1	177147	10	3
177059	154	6	177106	84	3	177147	11	3
177060	152	5	177106	85	3	177148	29	9
177060	153	5	177111	140	7	177149	32	22
177060	154	5	177112	32	9	177149	33	10
177061	153	3	177112	33	7	177150	40	2

803 - Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
177150	41	2	177174	159	16	177219	85	23
177150	42	2	177175	159	10	177219	159	18
177150	43	2	177176	84	6	177219	174	34
177151	40	3	177176	85	6	177220	183	12
177151	41	3	177176	159	19	177220	184	12
177151	42	3	177177	159	8	177221	184	13
177151	43	3	177181	32	20	177222	108	6
177155	140	13	177181	33	14	177222	109	6
177160	86	5	177186	87	1	177223	128	32
177161	160	9	177186	159	11	177223	130	3
177161	161	9	177189	144	1	177223	140	38
177161	162	9	177190	90	4	177229	100	4
177161	163	9	177190	91	4	177229	101	4
177162	160	10	177191	87	8	177229	102	9
177162	161	10	177193	94	3	177230	23	1
177162	162	10	177194	94	2	177231	183	6
177162	163	10	177195	50	1	177231	184	6
177163	160	8	177195	51	1	177234	22	2
177163	161	8	177196	35	2	177234	23	2
177163	162	8	177197	35	1	177236	12	5
177163	163	8	177198	33	1	177239	16	6
177164	160	14	177199	32	1	177239	17	6
177164	161	14	177199	33	8	177242	12	26
177164	162	14	177201	174	5	177242	14	14
177164	163	14	177203	96	20	177242	15	14
177165	140	36	177204	96	19	177249	14	15
177166	159	6	177205	33	5	177256	32	12
177167	159	12	177208	149	22	177261	24	14
177168	160	7	177208	150	22	177261	25	10
177168	161	7	177208	151	22	177301	20	4
177168	162	7	177211	58	21	177301	21	4
177168	163	7	177213	159	27	177344	26	12
177169	159	13	177214	80	6	177346	18	2
177170	159	5	177214	81	6	177346	19	2
177171	160	11	177215	102	14	177348	27	13
177171	161	11	177217	160	18	177350	12	18
177171	162	11	177217	161	18	177400	32	5
177171	163	11	177217	162	18	177400	33	3
177172	159	7	177217	163	18	177401	32	7
177173	159	15	177219	84	23	177401	33	6

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
177412	63	11	177523	186	16	177648	111	10
177441	4	22	177525	185	25	177648	145	17
177441	6	22	177528	29	8	177648	146	17
177442	4	20	177532	29	10	177648	147	17
177442	6	20	177539	103	6	177648	173	14
177443	4	23	177540	103	9	177648	185	20
177443	6	23	177559	9	10	177648	186	20
177444	4	24	177559	25	3	177648	186	30
177444	6	24	177560	8	6	177652	68	13
177448	178	2	177560	9	6	177652	69	8
177454	58	23	177561	9	7	177655	176	22
177454	84	24	177566	12	23	177655	182	14
177454	85	24	177567	36	22	177656	180	22
177454	159	17	177567	37	15	177656	181	22
177454	184	16	177568	37	16	177656	182	11
177457	178	4	177569	36	26	177657	143	11
177458	178	3	177569	37	18	177659	36	17
177460	10	11	177570	36	28	177659	37	17
177460	11	11	177570	37	19	177660	142	4
177460	164	34	177571	36	24	177660	143	4
177461	164	38	177571	37	21	177662	182	17
177462	22	9	177574	177	15	177664	36	7
177462	23	9	177576	175	5	177664	37	7
177462	36	25	177577	175	5	177666	188	16
177462	37	22	177609	171	17	177667	105	2
177469	166	1	177610	171	1	177670	92	7
177473	40	6	177611	171	1	177670	96	1
177473	41	6	177631	8	5	177671	83	7
177473	42	6	177631	9	5	177671	86	10
177473	43	6	177646	104	13	177671	100	5
177489	177	3	177646	105	13	177671	100	10
177490	176	2	177646	126	6	177671	101	5
177490	177	2	177647	108	5	177671	101	10
177495	165	36	177647	109	5	177671	102	10
177495	166	39	177648	28	4	177672	98	3
177495	167	39	177648	63	4	177672	99	3
177504	156	7	177648	70	8	177672	100	1
177504	157	7	177648	71	8	177672	101	1
177505	171	17	177648	72	2	177673	96	2
177523	185	16	177648	103	3	177673	98	1

803 - Numerical Index

Part No.	Page No.	Ref. No.
177674	83	4
177674	86	8
177674	88	5
177674	89	5
177674	99	5
177677	146	16
177677	147	16
177678	145	15
177678	146	28
177678	147	28
177679	36	5
177679	37	5
177686	76	4
177687	143	2
177695	164	4
177696	143	5
177697	182	15
177699	36	10
177699	37	10
177700	40	23
177704	182	23
177708	185	4
177708	186	4
177717	164	1
177718	164	12
177721	176	4
177721	177	4
177733	34	2
177736	183	1
177736	184	1
177736	185	2
177736	186	2
177748	109	1
177763	147	11
177777	175	6
177779	175	2
177780	175	4
177782	164	22
177784	148	9
177785	148	10

Part No.	Page No.	Ref. No.
177786	180	11
177786	181	11
177787	180	10
177787	181	10
177788	182	7
177789	182	6
177790	182	2
177791	164	3
177792	164	21
177793	182	27
177795	39	1
177796	96	17
177805	96	18
177806	182	25
177807	182	26
177810	119	1
177813	180	3
177813	181	3
177819	145	24
177819	146	27
177819	147	30
177821	172	29
177825	178	11
177826	178	10
177855	189	1
177856	88	7
177856	89	7
177856	100	6
177856	101	6
177856	102	8
177858	146	6
177858	147	6
177862	180	1
177862	181	1
177863	78	1
177863	79	1
177865	175	1
177866	175	6
177867	175	4
177868	175	2

Part No.	Page No.	Ref. No.
177871	4	21
177871	6	21
177884	178	9
177887	108	2
177887	109	2
177893	36	14
177893	37	14
177894	185	3
177894	186	3
177895	178	12
177896	178	13
177897	180	2
177897	181	2
177899	160	29
177899	161	35
177899	162	29
177899	163	35
177901	180	4
177901	181	4
177904	164	11
177909	164	8
177913	140	9
177914	172	4
177914	173	4
177914	174	18
177915	172	5
177915	173	5
177915	174	20
177917	174	22
177919	180	31
177919	181	31
177927	122	1
177930	55	9
177930	56	9
177934	152	14
177934	153	14
177934	154	14
177943	182	1
177943	185	24
177943	186	24

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
177944	44	11	178031	166	14	178067	60	39
177944	92	6	178031	167	14	178067	64	14
177960	178	14	178032	165	18	178067	132	3
177961	178	15	178032	166	18	178067	133	3
177962	73	8	178032	167	18	178067	134	3
177963	164	23	178033	165	22	178067	135	3
177964	164	24	178033	166	22	178073	188	14
177965	178	18	178033	167	22	178074	172	30
177969	178	16	178034	165	19	178075	172	31
177971	178	19	178034	166	19	178103	174	5
177972	178	17	178034	167	19	178107	106	7
177976	104	7	178035	167	29	178512	100	7
177976	105	7	178036	165	32	178512	101	7
177977	104	8	178036	166	13	178532	29	1
177977	105	8	178036	167	13	178534	29	4
177984	164	18	178037	168	10	178538	29	3
178007	182	16	178037	169	10	178563	70	14
178008	182	18	178037	170	21	178563	71	14
178009	182	19	178038	170	5	178627	42	7
178010	182	20	178039	170	6	178627	43	7
178011	182	21	178040	168	5	178651	41	29
178012	182	22	178040	169	5	178651	42	29
178013	182	24	178040	170	13	178651	43	29
178014	131	12	178042	170	17	178651	47	6
178015	131	3	178043	170	12	178652	80	5
178025	165	2	178044	169	8	178652	81	5
178025	166	2	178044	170	16	178708	110	5
178025	167	2	178045	170	18	178708	111	5
178027	165	6	178046	123	1	178834	10	5
178027	166	6	178047	123	2	178834	11	5
178027	167	6	178048	123	3	178890	158	6
178028	165	7	178051	36	8	178930	109	7
178028	166	7	178051	37	8	178947	70	1
178028	167	7	178053	173	22	178947	71	1
178029	165	11	178053	174	39	178967	60	11
178029	166	11	178059	175	7	178967	61	11
178029	167	11	178061	171	11	178967	148	11
178030	165	12	178063	111	6	178979	73	9
178030	166	12	178064	111	7	179076	64	8
178030	167	12	178067	60	33	179076	65	8

803 - Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
179076	66	8	179781	55	16	184043	4	26
179096	164	32	179781	56	16	184043	6	26
179122	22	3	179784	8	15	184069	4	28
179122	23	3	179784	9	15	184069	6	28
179357	128	28	179787	85	16	186340	36	6
179357	130	29	179787	87	3	186340	37	6
179358	128	1	179793	127	14	188814	29	6
179358	130	1	179793	164	17	188817	29	5
179360	132	7	179793	184	15	189575	27	19
179360	133	7	179799	34	10	201591	40	8
179407	24	13	179808	55	22	201679	126	3
179407	25	11	179819	60	21	201706	168	24
179487	46	15	179819	61	21	201719	38	2
179488	46	17	179820	46	7	201719	165	3
179492	67	1	179820	52	2	201719	166	3
179492	128	22	179820	53	2	201719	176	12
179492	130	22	179820	54	2	201719	177	12
179493	67	8	179820	60	18	201720	176	21
179514	48	1	179820	61	18	201760	171	21
179514	49	5	179823	46	9	201762	172	8
179514	51	7	179825	58	2	201762	173	40
179515	94	5	179825	60	17	201763	172	9
179522	49	2	179825	61	17	201763	173	40
179522	86	6	179829	60	25	201764	172	11
179522	99	1	179829	61	25	201764	173	42
179530	102	1	179850	68	12	201765	172	18
179733	189	2	179850	69	13	201766	172	19
179740	188	4	179850	69	15	201767	172	21
179757	60	4	179853	84	11	201768	172	22
179757	61	4	179853	85	11	201774	176	13
179757	140	30	179856	82	7	201774	177	13
179760	58	8	179858	82	10	201775	188	2
179773	159	26	179865	57	46	201830	68	16
179775	70	7	179870	84	12	201830	69	19
179775	71	7	179870	85	12	201832	68	15
179780	159	33	179871	87	7	201832	69	18
179780	160	25	179872	90	3	201838	71	6
179780	161	25	179872	91	3	201839	106	1
179780	162	25	183935	4	27	202114	183	2
179780	163	25	183935	6	27	202479	24	16

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
202488	36	9	203340	20	17	203379	32	18
202490	36	20	203341	20	18	203380	32	19
202502	55	7	203342	22	1	203381	36	1
202504	55	11	203343	22	5	203382	36	15
202505	55	12	203344	22	7	203383	36	27
202511	60	2	203345	24	1	203383	37	23
202528	145	7	203346	24	4	203384	38	1
202529	145	28	203347	24	6	203385	38	6
202537	165	14	203348	24	7	203386	40	1
202538	168	23	203349	24	12	203387	40	4
202539	168	25	203349	25	16	203388	40	10
202540	168	26	203350	24	17	203389	40	11
202541	172	2	203351	24	18	203390	40	19
202542	172	12	203352	26	1	203391	40	32
202543	172	27	203353	26	3	203392	41	12
202544	176	1	203354	26	11	203392	42	37
202544	177	1	203355	26	13	203392	43	32
202545	179	57	203356	26	14	203393	43	4
202552	36	18	203357	26	15	203394	44	1
202553	55	28	203358	26	16	203395	47	1
202554	179	58	203359	26	17	203396	49	6
202838	70	5	203360	28	3	203397	52	15
203322	8	1	203361	28	10	203398	53	16
203323	8	2	203362	28	11	203399	55	10
203324	8	8	203363	28	12	203399	56	11
203325	8	9	203364	28	14	203400	60	40
203326	8	17	203365	28	15	203400	64	15
203327	10	1	203366	30	1	203401	62	15
203328	12	1	203367	30	4	203402	64	1
203329	12	10	203368	30	5	203402	65	1
203330	12	20	203369	30	6	203402	66	1
203331	12	27	203370	32	2	203403	60	36
203332	14	3	203371	32	4	203403	60	38
203333	14	4	203372	32	6	203403	64	13
203334	14	5	203373	32	10	203405	55	27
203335	16	1	203374	32	11	203405	100	13
203336	18	1	203375	32	14	203406	104	1
203337	18	7	203376	32	15	203407	104	2
203338	20	8	203377	32	16	203408	108	1
203339	20	9	203378	32	17			

803 - Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
203409	108	3	204688	88	2	204997	91	1
203410	114	1	204753	40	16	204997	161	30
203411	117	1	204753	41	16	204997	163	30
203412	118	1	204753	42	16	205004	52	5
203413	120	1	204753	43	16	205004	53	10
203414	124	1	204782	30	7	205004	54	5
203415	125	3	204847	64	6	205043	53	11
203416	125	4	204847	65	6	205044	53	12
203417	145	1	204847	66	6	205045	52	1
203418	145	6	204871	183	13	205045	128	2
203419	145	29	204872	183	3	205045	130	2
203420	149	1	204873	183	5	205047	52	10
203421	149	14	204874	183	4	205048	52	11
203422	150	28	204875	10	2	205049	180	35
203423	152	1	204875	11	1	205050	180	36
203424	152	2	204875	183	7	205054	168	22
203425	152	3	204891	161	1	205054	169	22
203426	152	11	204892	163	1	205079	53	15
203427	152	15	204906	168	7	205083	52	12
203428	152	22	204906	169	7	205084	52	13
203429	152	23	204906	170	15	205085	52	14
203430	156	1	204921	84	1	205087	59	20
203431	156	2	204921	159	20	205088	4	29
203432	176	3	204922	85	1	205088	6	29
203433	176	18	204966	126	8	205091	143	1
203434	176	19	204966	180	33	205092	34	1
203435	183	15	204966	185	9	205094	54	11
203438	40	36	204972	184	21	205095	54	12
203439	165	35	204973	132	1	205096	53	13
203440	183	21	204973	133	1	205096	54	13
203441	26	2	204974	132	6	205097	53	14
203443	165	1	204974	133	6	205097	54	14
203533	160	1	204984	53	1	205099	148	1
203534	162	1	204984	54	16	205100	157	2
203538	36	21	204984	128	2	205101	108	11
203539	36	23	204984	130	2	205101	109	11
203540	40	39	204993	145	18	205102	186	5
203548	103	7	204993	146	18	205103	187	44
203549	168	8	204993	147	18	205104	42	33
204674	88	2	204994	138	2	205106	151	27

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
205107	86	4	205134	42	1	205505	56	20
205108	86	12	205135	40	7	205526	145	25
205109	64	7	205135	41	7	205526	146	25
205109	65	7	205137	145	11	205531	69	1
205109	66	10	205137	146	11	205544	115	1
205110	60	3	205138	185	5	205545	121	1
205110	61	3	205139	185	23	205554	175	3
205111	96	4	205142	142	1	205555	175	3
205112	96	7	205143	142	2	205603	165	26
205113	96	22	205144	142	5	205603	166	26
205115	127	1	205145	142	6	205603	167	26
205116	62	11	205146	142	11	205605	165	27
205117	62	13	205148	92	4	205609	180	14
205120	43	30	205148	93	19	205609	185	11
205121	43	31	205150	168	18	205666	41	40
205122	149	8	205150	169	17	205666	42	39
205122	150	8	205169	126	1	205666	43	34
205122	151	8	205170	126	2	205671	126	7
205123	149	26	205172	98	7	205674	103	15
205123	150	26	205186	180	20	205692	179	52
205123	151	26	205186	180	21	205694	168	6
205124	149	27	205186	181	20	205694	169	6
205124	150	27	205186	181	21	205724	74	2
205125	152	13	205186	185	18	205777	145	34
205125	153	13	205186	185	19	205838	84	7
205126	153	15	205186	186	18	205842	4	25
205127	152	16	205186	186	19	205842	6	25
205127	153	16	205214	125	2	205843	180	9
205128	152	17	205287	28	1	205843	185	37
205128	153	17	205288	28	2	205869	68	1
205129	152	18	205290	28	18	205929	165	34
205129	153	18	205291	28	19	205930	74	1
205130	152	19	205363	123	4	205932	165	33
205130	153	19	205398	41	34	205932	172	13
205131	152	20	205400	145	21	205932	173	16
205131	153	20	205501	8	3	205940	106	9
205132	152	21	205501	9	2	205972	157	8
205132	153	21	205502	8	11	205998	68	8
205133	41	33	205502	9	11	205999	68	7
205134	41	1	205505	55	19	206002	68	9

803 - Numerical Index

Part No.	Page No.	Ref. No.
206003	106	5
206013	40	35
206013	41	39
206013	42	38
206013	43	33
206094	141	13
206110	164	15
206112	164	28
206136	171	3
206155	165	5
206155	166	5
206155	167	5
206156	165	10
206156	166	10
206156	167	10
206173	165	28
206363	27	12
206380	12	14
206385	12	24
206388	13	3
206413	73	1
206427	166	40
206427	168	19
206427	169	18
206428	166	41
206428	168	1
206428	169	19
206429	166	43
206432	175	1
206433	180	26
206433	181	26
206436	34	3
206436	56	21
206436	108	8
206436	109	8
206436	187	36
206691	68	11
206691	69	12
206797	166	28
206797	167	28

Part No.	Page No.	Ref. No.
206799	165	30
206799	166	30
206799	167	30
206802	40	15
206802	41	15
206802	42	15
206802	43	15
206806	185	26
206806	187	42
206811	140	19
206811	140	20
206822	166	27
206822	167	27
206823	141	8
206824	141	7
206832	180	30
206832	181	30
206833	55	23
206833	57	48
206833	151	24
206834	171	9
206835	173	28
206835	174	12
206836	174	24
206838	180	5
206838	180	7
206838	181	5
206838	181	7
206843	180	8
206843	181	8
206843	182	13
206845	134	1
206845	135	1
206846	134	7
206846	135	7
206848	113	1
206849	34	16
206849	55	40
206849	57	40
206850	41	32

Part No.	Page No.	Ref. No.
206850	42	32
206851	80	1
206851	81	1
206853	185	27
206853	187	41
206854	46	14
206855	46	18
206856	46	16
206857	46	13
206858	90	1
206858	160	30
206858	161	30
206858	162	30
206858	163	30
206861	11	15
206862	20	13
206862	21	13
206866	63	13
206868	90	8
206868	91	8
206869	101	14
206873	132	11
206873	134	11
206874	132	12
206874	134	12
206875	132	13
206875	134	13
206876	132	14
206876	134	14
206877	145	26
206877	146	15
206877	147	15
206879	165	29
206879	166	29
206884	173	15
206889	125	1
206916	149	24
206916	150	24
206930	130	14
206953	175	6

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
206979	175	6	207894	55	37	208148	13	9
207057	121	2	208119	160	31	208149	13	10
207159	150	32	208119	161	31	208150	13	11
207162	34	20	208119	162	31	208151	19	1
207167	174	38	208119	163	32	208152	18	3
207229	146	21	208120	160	31	208152	19	3
207229	147	21	208120	161	31	208153	18	4
207262	36	3	208120	162	31	208153	19	4
207262	37	3	208120	163	34	208154	18	5
207267	36	4	208121	160	31	208154	19	5
207267	37	4	208121	161	31	208155	18	6
207271	37	1	208121	162	31	208155	19	6
207290	16	9	208121	163	31	208156	19	7
207290	17	9	208122	160	31	208157	18	8
207293	172	20	208122	161	31	208157	19	8
207293	173	29	208122	162	31	208158	18	9
207293	174	13	208122	163	33	208158	19	9
207342	28	17	208123	129	1	208159	18	10
207343	28	16	208125	12	1	208159	19	10
207393	178	5	208126	12	2	208160	14	1
207419	172	1	208127	12	3	208160	15	1
207419	173	1	208128	12	4	208161	14	2
207420	173	2	208129	12	6	208161	15	2
207421	172	6	208130	12	7	208162	15	3
207421	173	6	208131	12	8	208163	15	4
207422	173	7	208132	12	9	208164	15	5
207423	173	9	208133	12	10	208165	14	6
207424	173	10	208134	12	11	208165	15	6
207425	173	10	208135	12	12	208166	14	7
207426	173	13	208136	12	13	208166	15	7
207428	172	16	208137	12	16	208167	14	9
207428	173	19	208139	12	20	208167	15	9
207430	173	21	208140	12	21	208168	14	10
207430	174	30	208141	12	22	208168	15	10
207433	173	30	208142	13	1	208169	14	12
207435	173	38	208143	13	2	208169	15	12
207436	173	39	208144	13	4	208170	15	15
207439	172	17	208145	13	5	208171	15	16
207439	173	20	208146	13	7	208172	20	1
207442	58	26	208147	13	8	208172	21	1

803 - Numerical Index

Part No.	Page No.	Ref. No.
208173	20	2
208173	21	2
208174	20	3
208174	21	3
208176	20	5
208176	21	5
208177	20	6
208177	21	6
208178	20	7
208178	21	7
208179	21	8
208180	21	17
208181	20	10
208181	21	10
208182	20	11
208182	21	11
208183	20	12
208183	21	12
208184	20	14
208184	21	14
208185	20	15
208185	21	15
208186	20	16
208186	21	16
208187	21	9
208188	21	18
208189	27	1
208190	27	2
208191	27	3
208192	26	10
208192	27	10
208193	27	11
208194	27	14
208195	27	15
208196	27	16
208197	27	17
208198	27	18
208200	31	1
208201	30	2
208201	31	2

Part No.	Page No.	Ref. No.
208202	30	3
208202	31	3
208203	25	1
208205	25	6
208206	24	9
208206	25	8
208207	25	12
208208	25	13
208209	25	14
208210	24	5
208210	25	15
208211	176	9
208211	177	15
208212	176	15
208212	177	16
208213	176	16
208213	177	17
208214	176	17
208214	177	18
208215	177	19
208216	177	20
208217	176	20
208217	177	21
208218	170	26
208219	171	19
208221	9	8
208221	24	3
208221	25	4
208222	9	1
208223	87	6
208224	34	17
208224	55	41
208224	57	41
208225	34	18
208225	55	42
208225	57	42
208226	34	19
208226	55	43
208226	57	43
208228	95	1

Part No.	Page No.	Ref. No.
208228	127	15
208231	95	8
208232	95	10
208233	95	12
208234	95	13
208235	95	14
208240	147	25
208241	147	26
208242	153	2
208242	154	2
208243	153	11
208243	154	11
208244	152	12
208244	153	12
208244	154	12
208245	154	13
208247	185	35
208247	187	35
208248	41	30
208248	42	30
208249	41	31
208249	42	31
208252	46	1
208252	140	16
208253	140	23
208254	140	25
208255	140	26
208256	140	29
208257	140	1
208258	140	1
208259	140	1
208260	46	11
208261	46	12
208262	149	6
208262	150	6
208262	151	6
208263	149	7
208263	150	7
208263	151	7
208265	149	25

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
208265	150	25	208304	61	31	208333	92	1
208265	151	25	208305	60	16	208334	92	2
208268	159	1	208305	61	16	208335	92	3
208269	159	34	208306	60	20	208335	93	20
208270	159	35	208306	61	20	208336	89	1
208271	159	35	208306	64	9	208337	88	4
208272	159	35	208306	65	9	208337	89	2
208273	159	35	208306	66	9	208338	88	3
208274	159	39	208307	60	22	208338	89	3
208275	159	39	208307	61	22	208339	88	1
208276	159	39	208308	60	23	208339	89	4
208277	159	39	208308	61	23	208341	102	4
208279	110	6	208309	60	24	208342	102	11
208280	110	7	208309	61	24	208343	58	1
208282	59	14	208310	60	27	208345	58	6
208283	59	16	208310	61	27	208346	58	7
208284	59	17	208312	96	5	208347	58	16
208285	59	18	208313	96	6	208365	95	2
208286	59	19	208314	96	8	208365	127	10
208287	86	1	208315	96	10	208366	127	1
208288	86	2	208316	96	11	208367	62	1
208289	86	3	208320	100	12	208368	62	2
208291	83	1	208320	101	13	208369	62	3
208292	83	2	208321	56	27	208370	62	4
208293	94	1	208321	101	17	208371	62	5
208294	94	4	208322	100	14	208372	62	7
208295	94	6	208322	101	15	208373	62	8
208296	94	7	208322	101	16	208374	62	9
208297	48	2	208323	45	1	208375	62	10
208297	51	8	208324	44	2	209196	104	11
208298	50	10	208324	45	2	209196	105	11
208298	51	10	208325	44	5	209197	104	12
208299	50	7	208325	45	5	209197	105	12
208299	51	11	208326	82	1	209933	37	20
208300	50	8	208327	82	2	651393	40	31
208300	51	12	208328	82	3	651393	47	5
208302	60	1	208329	82	4	651393	80	7
208302	61	1	208330	82	5	651393	81	7
208303	61	2	208331	82	8	651393	186	30
208304	60	31	208332	82	9	651395	29	16

803 - Numerical Index

Part No.	Page No.	Ref. No.
651395	35	6
651395	40	12
651395	56	13
651395	67	9
651395	128	23
651395	130	23
651395	140	10
651395	145	30
651395	149	28
651395	150	2
651395	151	2
651395	159	23
651397	60	8
651397	61	8
651397	140	27
651398	159	28
651399	40	33
651399	47	2
651399	90	12
651400	146	23
651400	147	23
651400	164	19
651405	128	30
651405	130	30
651406	10	13
651406	11	13
651408	35	3
651408	58	24
651411	34	14
651411	164	16
651415	140	24
651416	128	18
651416	130	18
651418	128	7
651418	130	7
651424	103	10
651428	75	5
651430	173	25
651430	174	33
651434	29	13

Part No.	Page No.	Ref. No.
651438	36	11
651438	37	11
651438	186	27
651444	159	9
651444	160	12
651444	161	12
651444	162	12
651444	163	12
651446	164	2
651448	40	21
651448	41	21
651448	42	21
651448	112	6
651448	145	5
651448	145	32
651448	146	5
651448	147	5
651448	149	23
651448	150	23
651448	151	23
651448	159	32
651448	160	23
651448	161	23
651448	162	23
651448	163	23
651448	171	20
651448	178	33
651448	183	11
651448	184	11
651448	186	32
651451	128	19
651451	130	19
651456	165	21
651456	166	21
651456	167	21
651457	41	14
651457	42	14
651457	43	14
651457	64	5
651457	65	5

Part No.	Page No.	Ref. No.
651457	66	5
651457	103	12
651457	165	16
651457	166	16
651457	167	16
651457	168	21
651457	169	21
651457	179	42
651458	28	9
651458	40	37
651458	111	8
651458	145	20
651458	146	20
651458	147	20
651458	150	31
651458	165	9
651458	165	13
651458	166	9
651458	167	9
651458	171	6
651458	172	7
651458	173	8
651458	179	59
651458	185	28
651458	186	28
651458	188	9
651460	142	10
651460	143	10
651461	178	32
651466	84	5
651472	70	11
651472	71	11
651473	10	6
651473	11	6
651473	55	24
651473	56	24
651473	183	8
651473	184	8
651475	10	15
651475	11	17

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
651475	58	18	656006	41	17	656048	173	17
651475	148	8	656006	42	17	656048	174	32
651477	127	13	656006	43	17	656048	178	26
651483	73	11	656006	63	7	656050	164	14
651487	128	12	656006	84	20	656090	10	10
651487	130	13	656006	85	20	656090	11	10
651487	132	4	656006	87	19	656090	55	8
651487	133	4	656006	108	12	656090	56	8
651487	134	4	656006	109	12	656090	149	20
651487	135	4	656006	128	17	656090	150	20
651488	130	13	656006	130	17	656090	151	20
651490	128	4	656006	145	12	656090	164	33
651490	130	4	656006	146	12	656090	178	36
651495	128	31	656006	147	12	656092	110	9
651495	130	31	656006	148	4	656092	171	8
651497	46	3	656006	149	12	656093	8	7
651497	128	20	656006	150	12	656093	41	35
651497	130	20	656006	151	12	656093	42	34
651497	140	17	656006	155	2	656093	107	2
651501	164	25	656006	156	3	656093	156	10
651504	166	36	656006	157	3	656093	164	35
651504	172	32	656006	159	29	656093	178	35
651505	188	13	656006	160	4	656093	180	23
651507	68	4	656006	161	4	656093	181	23
651507	69	4	656006	162	4	656094	145	8
651507	170	19	656006	163	4	656094	146	8
651507	178	40	656006	185	33	656094	147	8
651508	39	4	656006	186	33	656094	173	12
651514	182	8	656008	60	7	656102	40	34
651515	55	38	656008	61	7	656102	179	54
651515	57	49	656008	149	10	656102	183	14
651516	178	21	656008	150	10	656105	8	18
651517	84	16	656008	151	10	656105	73	2
656002	28	7	656040	143	6	656105	150	29
656002	172	10	656040	144	2	656105	178	6
656002	173	43	656047	170	25	656105	182	3
656002	184	20	656048	32	25	656110	84	17
656006	10	14	656048	33	11	656110	85	17
656006	11	14	656048	145	23	656110	87	4
656006	40	17	656048	172	14	656128	40	14

803 - Numerical Index

Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.	Part No.	Page No.	Ref. No.
656128	141	2	7462680011	29	14	1424431G	171	13
656128	170	11	7462680011	103	13	1424432G	171	12
656149	8	12	7462680011	145	16	1424433G	171	14
656149	9	12	7462680011	146	10	1428450G	55	4
656149	158	4	7462680011	147	10	1428450G	56	4
656154	93	21	7462680011	178	34	1429414G	178	25
656172	74	5	7462680011	180	25	1528425G	55	6
809306	178	5	7462680011	181	25	1528425G	56	6
0003320872	104	19	7462680011	187	40	425-36085	22	6
0003320872	105	19	7462680206	38	3	425-36085	23	6
0003325912	126	5	7469172005	142	3	425-36111	24	10
0003330022	108	16	7733661603	126	4	425-36111	25	9
0003330440	108	17	7788010663	180	17	425-36113	24	2
0003330540	108	18	7788010663	181	17	425-36113	25	2
0003331306	104	4	7788010663	185	13	425-36114	24	11
0003331306	105	4	7788010663	186	13	425-36114	25	7
0003337166	120	2	1408450G	76	1	425-36121	16	2
0003338865	38	4	1410401G	39	2	425-36121	17	2
0003339065	38	5	1423029G	70	12	425-36128	32	8
0003634062	16	8	1423029G	71	12	425-36128	33	2
0003634062	17	8	1423030G	70	13	9901152G	165	23
0003638466	60	30	1423030G	71	13	9901152G	166	23
0003638466	61	30	1423414G	165	24	9901152G	167	23
0003638466	64	11	1423414G	166	24	9901152G	168	16
0003638466	102	15	1423414G	167	24	9901152G	169	16
0210110506	13	6	1423440G	174	19	9901152G	170	28
7234677056	64	4	1424418G	173	31	9901152G	172	3
7234677056	65	4	1424418G	174	9	9901152G	173	3
7234677056	66	4	1424419G	173	33	9901152G	174	29
7252677618	78	3	1424419G	174	10	9901225G	57	36
7462680008	40	30	1424420G	168	14	9901392G	174	25
7462680008	178	29	1424420G	169	14	9901427G	164	5
7462680008	182	4	1424420G	170	1	9902111G	179	51
7462680011	8	19	1424420G	173	37	L99933	28	22
7462680011	28	8	1424420G	174	28	L99933	29	17

TORQUE SPECIFICATIONS

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

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

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

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

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

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

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



Gehl Company 143 Water Street, P.O. Box 179, West Bend, WI 53095-0179 U.S.A
www.gehl.com