ME3003

Serial Number Range
Engine Tier I Models: AD00001 to AD01819
Engine Tier II Models: AD01820 to AE02400

COMPACT EXCAVATOR

PARTS MANUAL

Revision E - 10/08

PART #918048

Mustang Manufacturing Company, Inc.

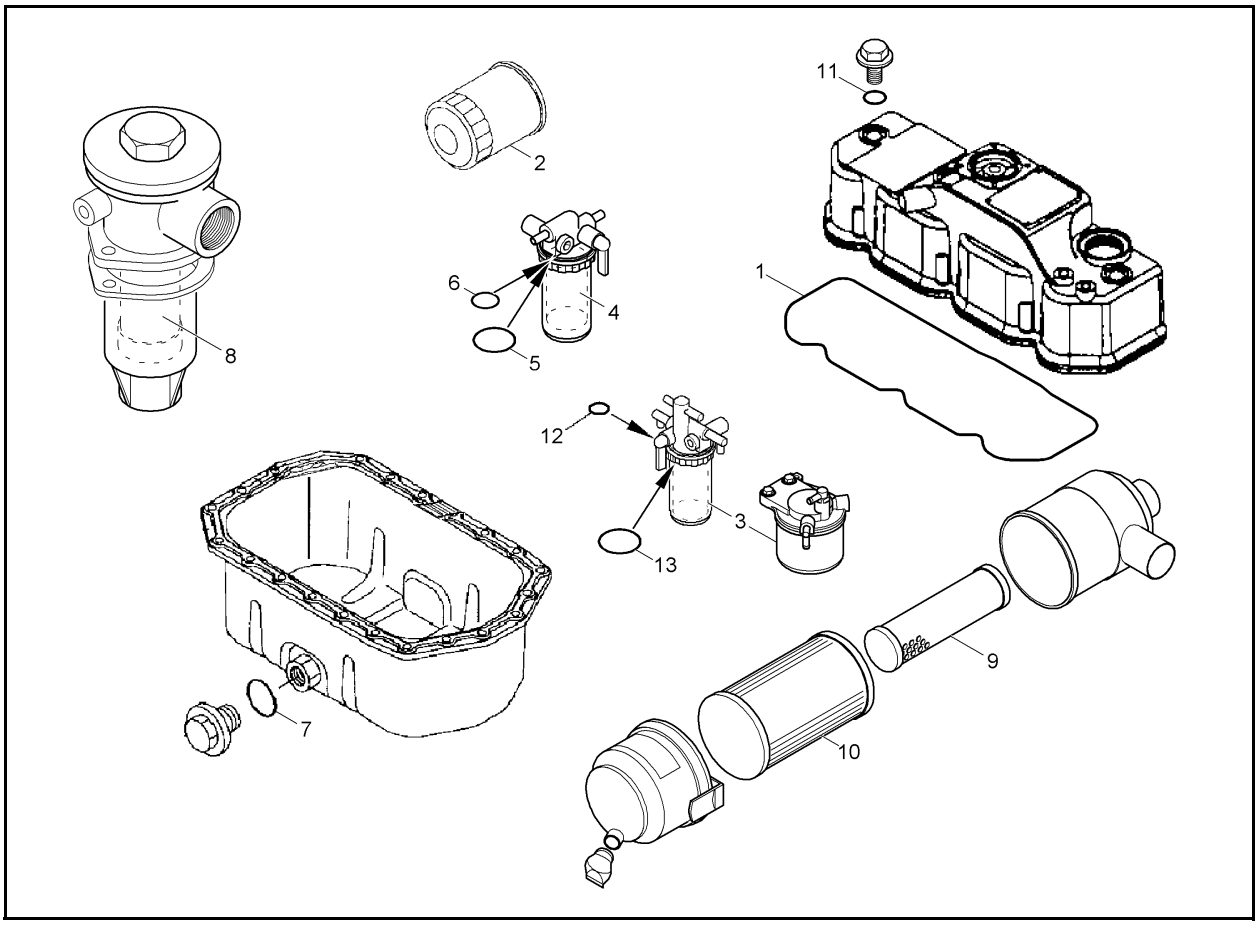
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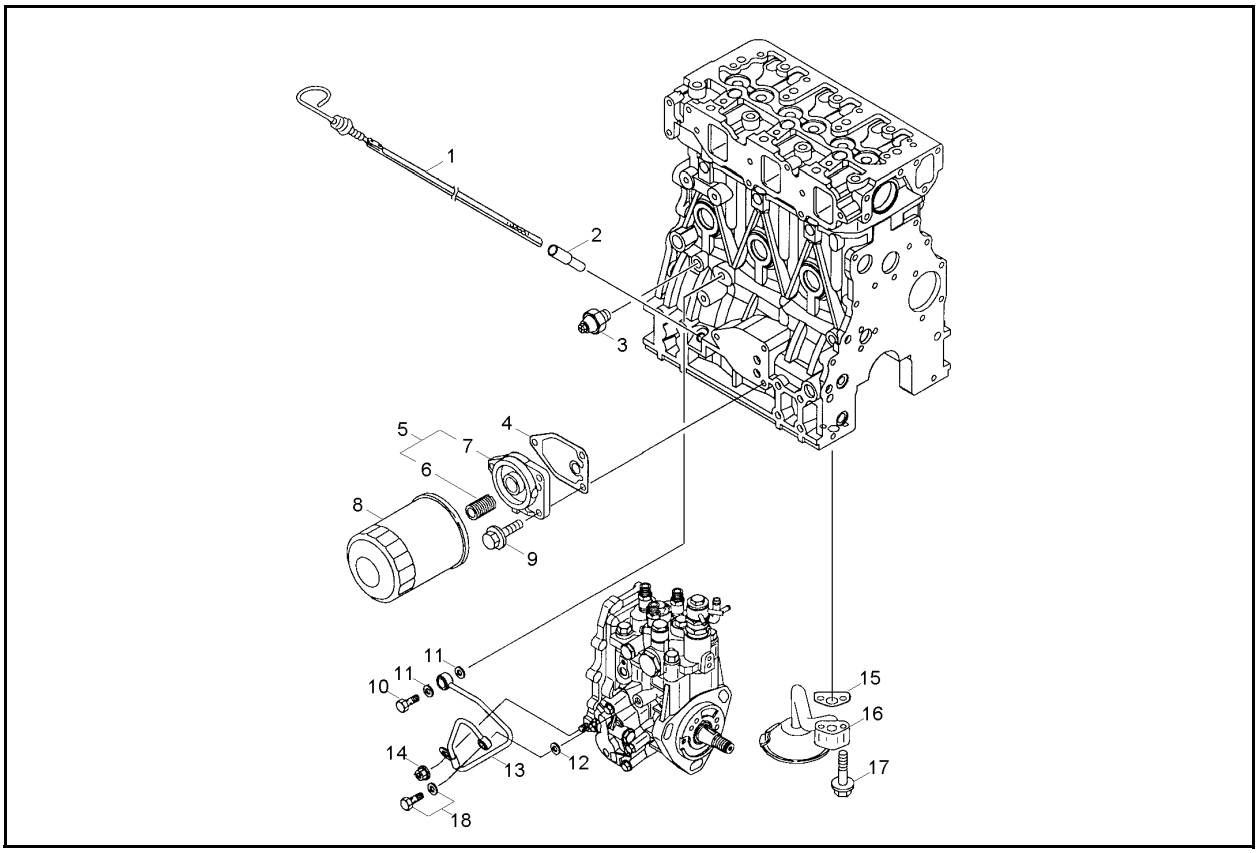
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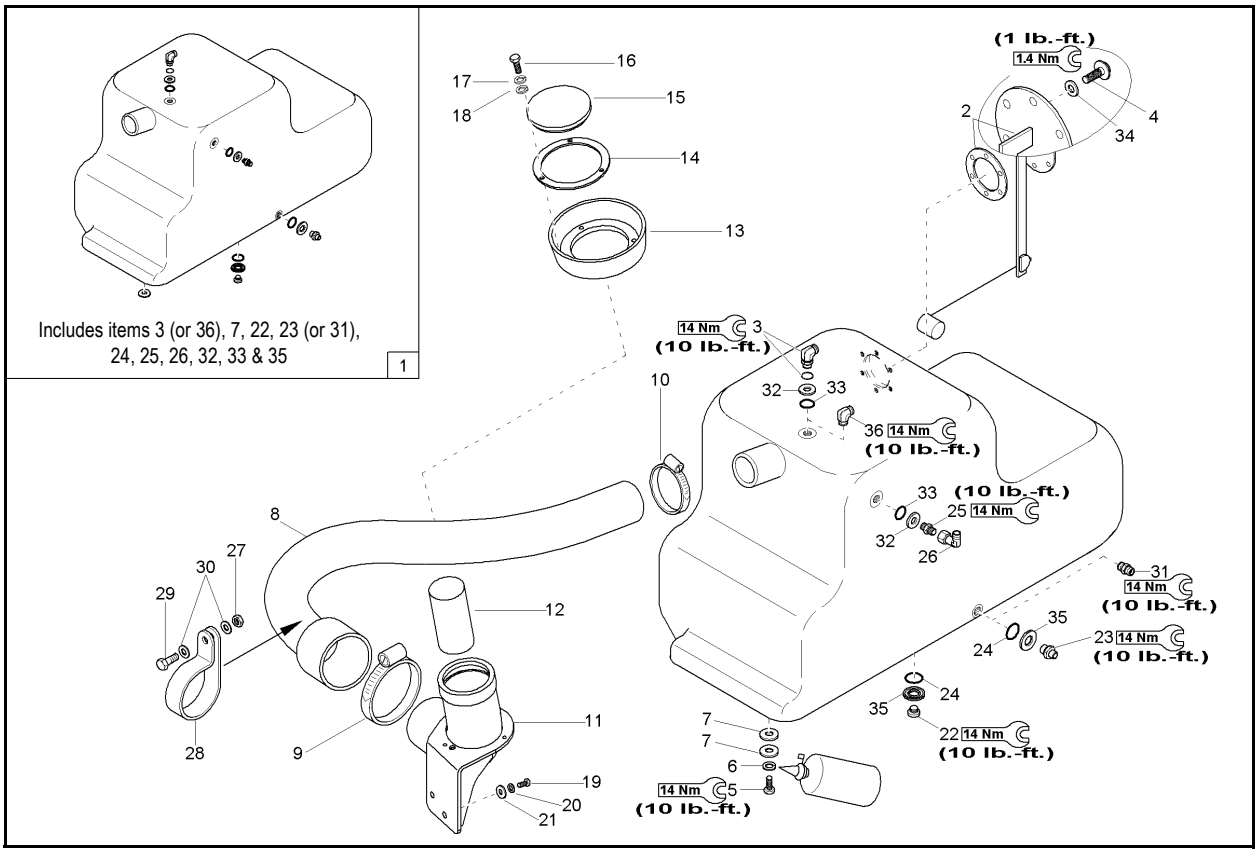
Ref. No.	Part No.	Description	Qty.
1	177417	VALVE COVER GASKET (SN AD01820 - AE02400)	1
	*	VALVE COVER GASKET (SN AD00001 - AD01819)	1
2	179122	ENGINE OIL FILTER (SN AD01820 - AE02400)	1
	137500	ENGINE OIL FILTER (SN AD00001 - AD01819)	1
3	137499	FUEL FILTER (SN AD01820 - AE02400)	1
	425-34636	FUEL FILTER (SN AD00001 - AD01819)	1
4	186340	FILTER/WATER SEPARATOR (SN AD01820 - AE02400)	1
	425-36091	FILTER/WATER SEPARATOR (SN AD00001 - AD01819)	1
5	177664	GASKET/FILTER HOUSING (SN AD01820 - AE02400)	1
	206912	GASKET/FILTER HOUSING (SN AD00001 - AD01819)	1
6	177659	O-RING (SN AD01820 - AE02400)	1
7	177665	O-RING/OIL PAN DRAIN PLUG (SN AD01820 - AE02400)	1
	*	O-RING/OIL PAN DRAIN PLUG (SN AD00001 - AD01819)	1
8	165111	HYDRAULIC OIL FILTER ELEMENT (ALL SN's)	1
9	165294	AIR FILTER ELEMENT/INNER (ALL SN's)	1
10	165293	AIR FILTER ELEMENT/OUTER (ALL SN's)	1
11	164666	O-RING (SN AD01820 - AE02400)	3
12	177659	O-RING (SN AD00001 - AD01819)	1
13	177664	GASKET/FILTER HOUSING (SN AD00001 - AD01819)	1

* Contact your local Yanmar dealer for engine service parts.



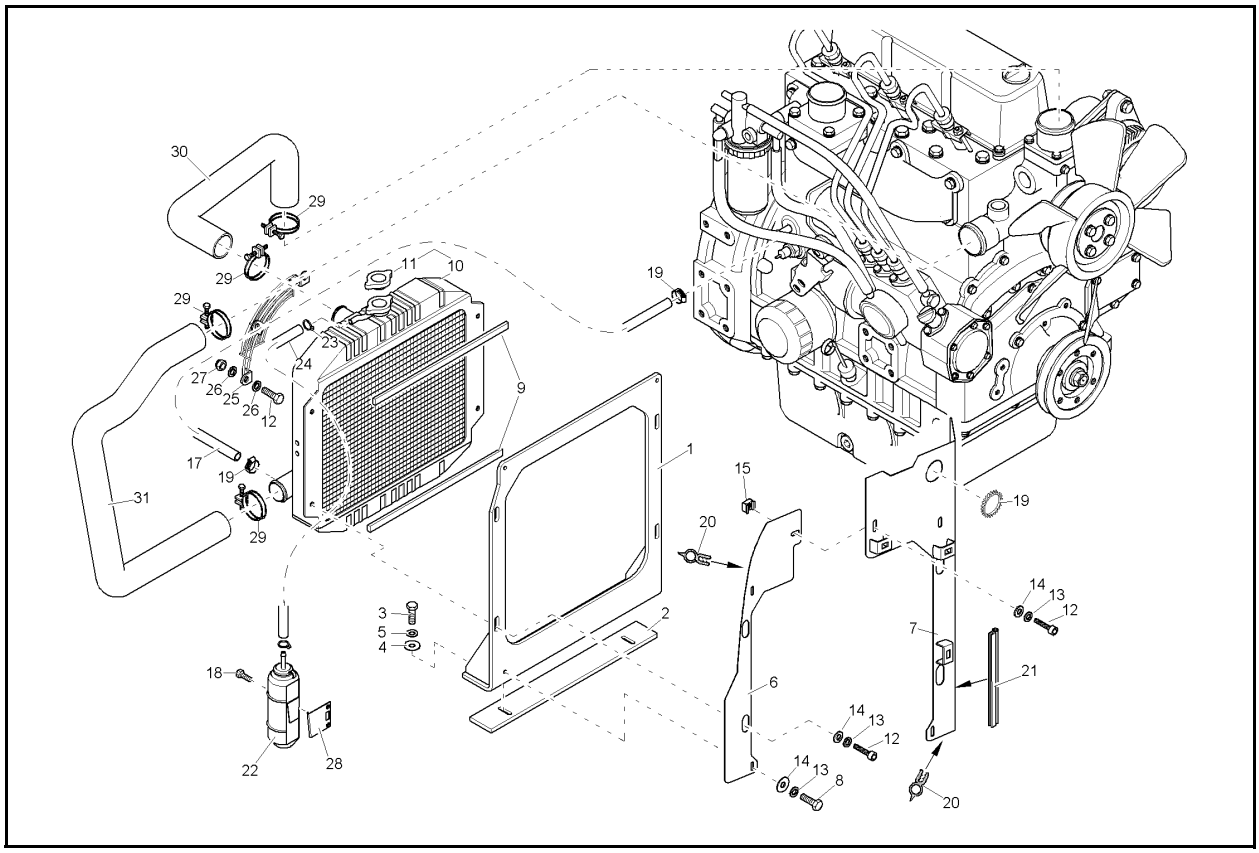
Ref. No.	Part No.	Description	Qty.
1	177359	DIPSTICK	1
2	177234	DIPSTICK TUBE	1
3	425-36085	SENDER/OIL PRESSURE	1
4	177257	FILTER BASE GASKET	1
5	177360	FILTER HOUSING ASSY	1
6	206395	SCREW JOINT	1
7	206079	FILTER BASE	1
8	179122	ENGINE OIL FILTER	1
9	177256	SCREW	3

Ref. No.	Part No.	Description	Qty.
10	209922	BANJO BOLT	1
11	209549	SEAL RING	2
12	177462	SEAL RING	1
13	177328	PIPE LINE	1
14	209970	NUT	1
15	177251	OIL SUMP GASKET	1
16	206058	OIL SUMP	1
17	206067	SCREW	2
18	177100	BANJO BOLT	1



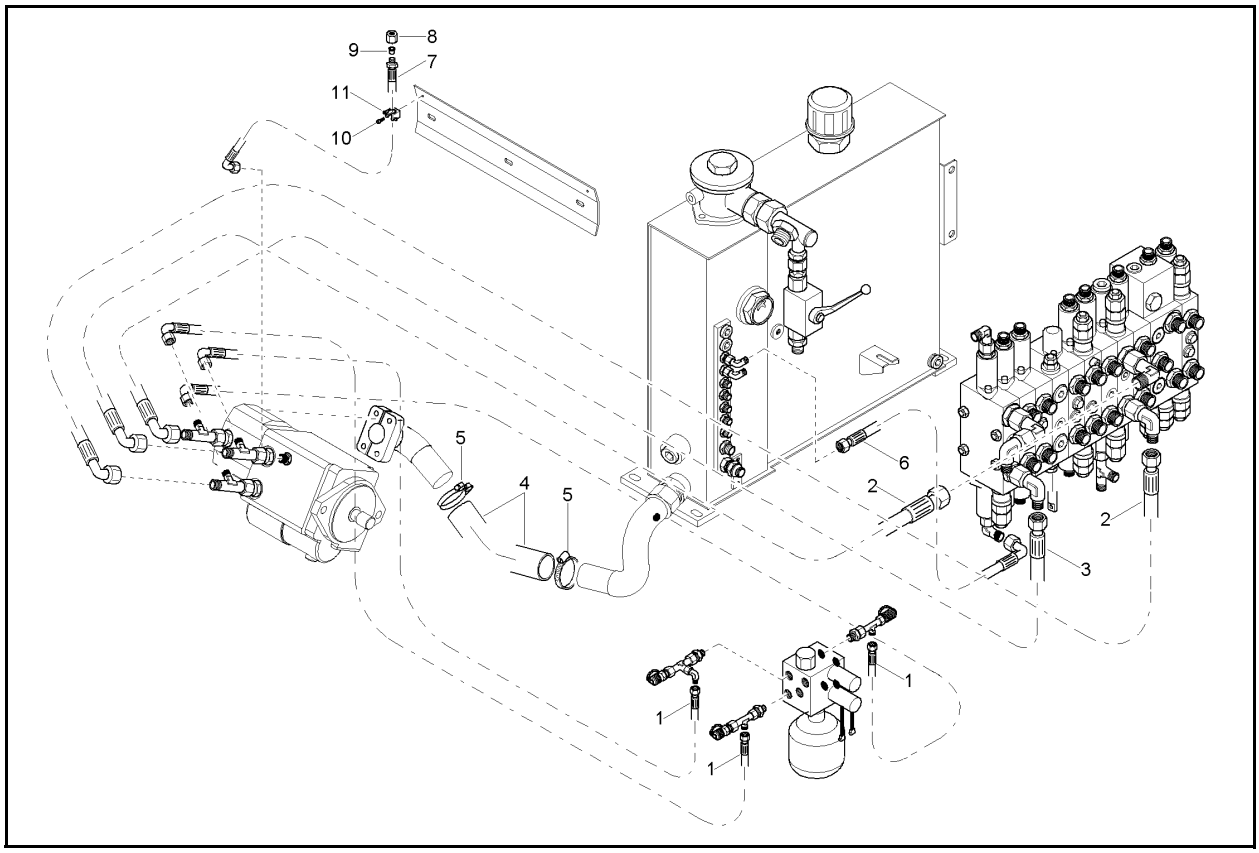
Ref. No.	Part No.	Description	Qty.
1	204879	FUEL TANK KIT	1
2	207037	SENDER	1
3	206935	90° FITTING (SN AD04397 - AE02034)	1
4	206808	SCREW M4 X 16	6
5	651393	CS M10-1.5 X 25 C8.8 ZY	4
6	161669	LOCKWASHER S10	4
7	161663	WASHER/GR A 10.5 ZO	8
8	177427	PRESHAPED HOSE	1
9	165270	HOSE CLAMP	1
10	162611	HOSE CLAMP	1
11	177426	TANK FILLER NECK	1
12	160436	STRAINER/FUEL TANK	1
13	165072	RING	1
14	165073	BRACKET	1
15	165110	FUEL CAP	1
16	651505	SHCS M5-0.8 X 20 C8.8 ZY DIN912	3
17	161674	LOCKWASHER S16	3
18	161659	WASHER/GR A 5.3 ZO DIN125	3
19	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	2
20	163670	LOCKWASHER	2

Ref. No.	Part No.	Description	Qty.
21	163634	WASHER	2
22	206896	DRAIN PLUG	1
23	206936	SCREW JOINT (SN AD04397 - AE02034)	1
24	208346	O-RING (SN AD04397 - AE02034)	2
25	161426	SCREW JOINT	1
26	161443	90° FITTING	1
27	161678	HN M6-1.00 C8 ZO	1
28	179860	HOSE BAND CLIP	1
29	656149	CS M6-1 X 16 C8.8 ZY DIN931	1
30	7462680008	WASHER	2
31	165970	SCREW JOINT (SN AD04214 - AD04396)	1
32	206933	WASHER (SN AD04397 - AE02034)	2
33	163379	O-RING (SN AD04397 - AE02034)	2
34	206809	RUBBER WASHER	6
35	206934	WASHER (SN AD04397 - AE02034)	2
36	161438	ELBOW (SN AD04214 - AD04396)	1



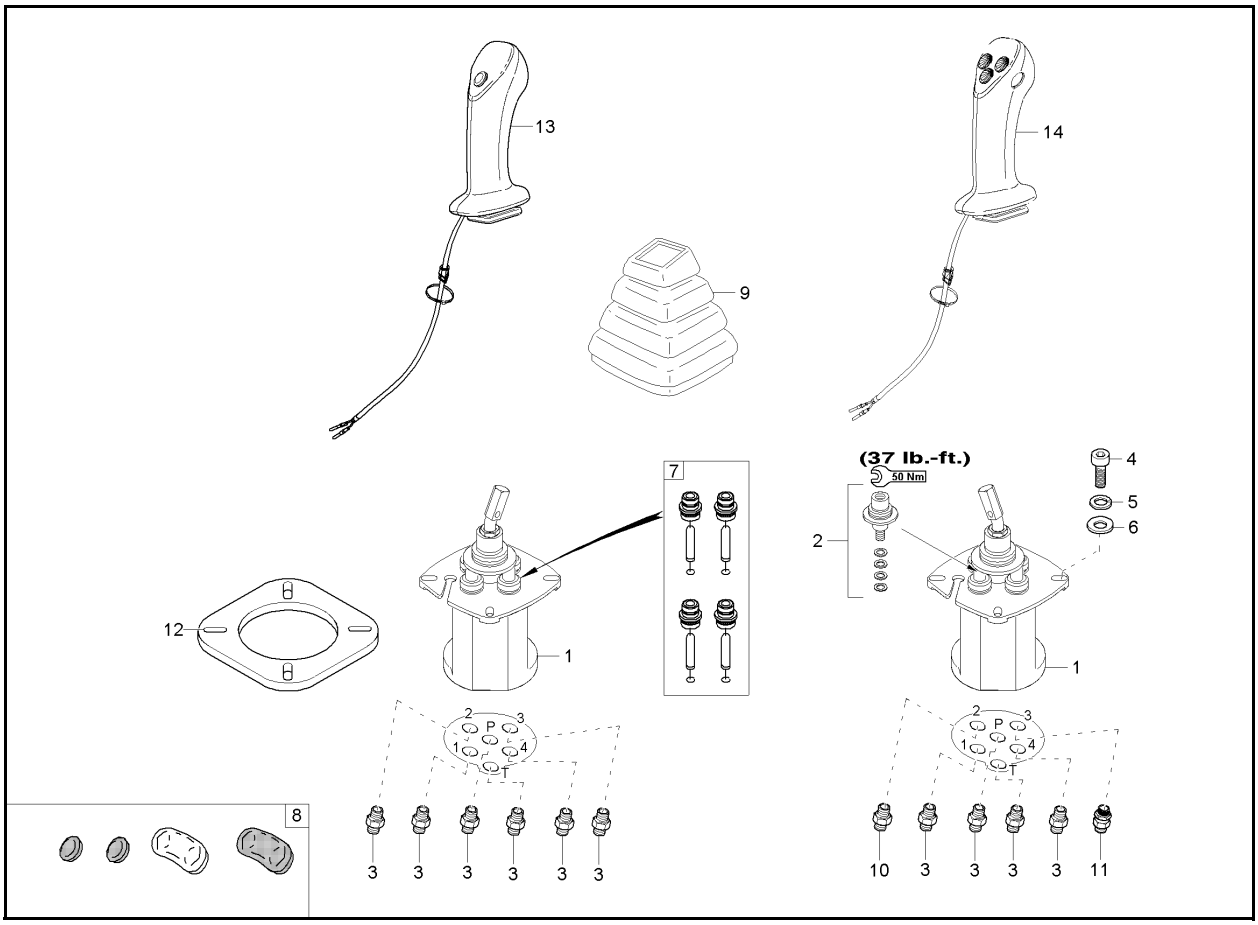
Ref. No.	Part No.	Description	Qty.
1	178924	MTG BRACKET/RADIATOR	1
2	178927	SUPPORT BRACKET/RADIATOR	1
3	651480	SHCS M12-1.75 X 30 C10.9 ZY DIN912	2
4	161645	WASHER/GR A 13 DIN7349	4
5	163651	WASHER	2
6	178988	AIR GUIDE PLATE RT	1
7	179005	AIR GUIDE PLATE LT	1
8	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	4
9	207157	SEALING TAPE (2.04M)	2
10	425-36093	RADIATOR	1
11	160424	RADIATOR CAP	1
12	656001	CS M8-1.25 X 20 C8.8 ZY DIN931	9
13	163670	LOCKWASHER	9
14	7462680011	WASHER 8.4 ST A2C	9
15	161615	NUT/CAGE M8	2

Ref. No.	Part No.	Description	Qty.
17	207173	BRAIDED HOSE GCN NW8 (1.0M)	1
18	161630	SCREW/HEX HD TAP B5.5 X 19	2
19	162501	HOSE CLAMP	2
20	207280	RUBBER EXTRUSION (1.6M)	1
21	206035	RUBBER PROFILE (1.30M)	1
22	190845	EXPANSION CONTAINER	1
23	162504	HOSE CLAMP	2
24	207262	FUEL LINE (0.5M)	1
25	425-36092	FAN GUARD	1
26	163634	WASHER	8
27	651458	LN INS M8-1.25 C8 ZY DIN6924	4
28	425-36152	BRACKET/EXP CONTAINER	1
29	425-34853	CLAMP 38	4
30	425-34687	RADIATOR HOSE/UPPER	1
31	425-34686	RADIATOR HOSE/LOWER	1



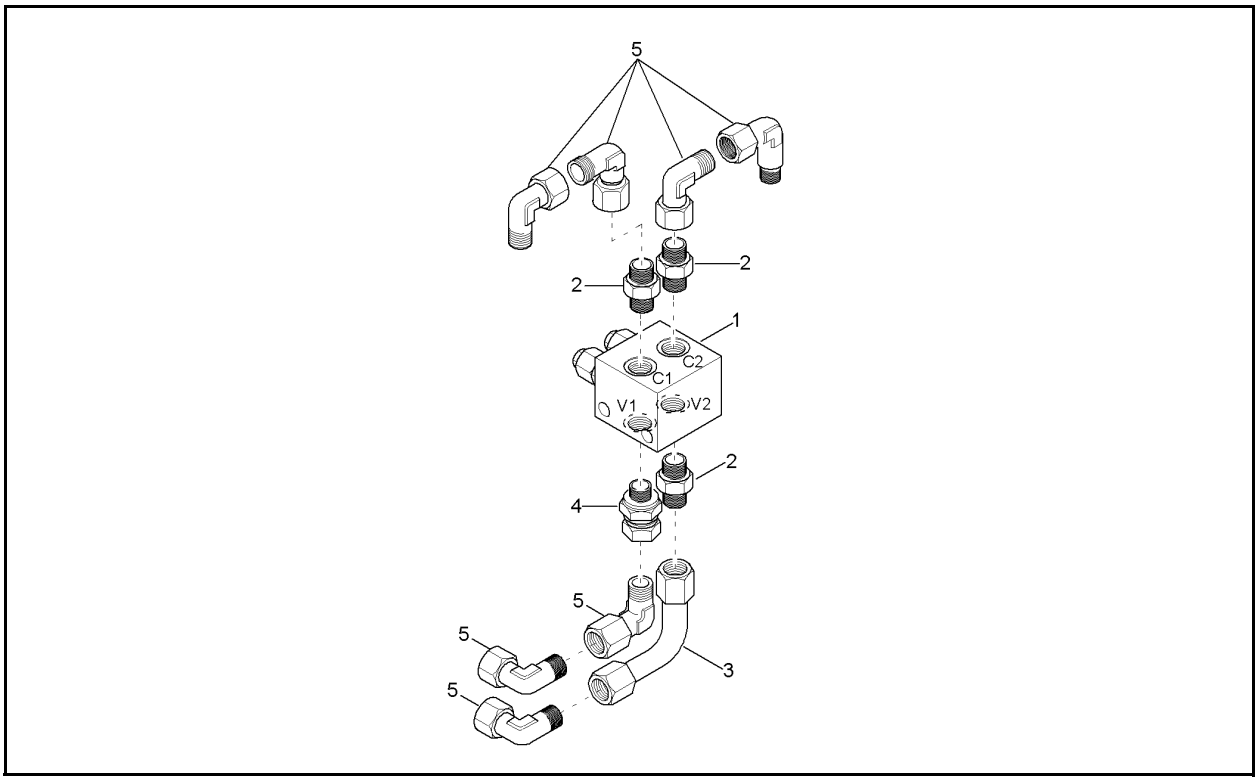
Ref. No.	Part No.	Description	Qty.
1	162404	HP HOSE	3
2	165870	HP HOSE	2
3	165871	HP HOSE	1
4	160840	SUCTION HOSE	1
5	162071	HOSE CLAMP	2
6	164804	HP HOSE	1

Ref. No.	Part No.	Description	Qty.
7	8002331G	HP HOSE	1
8	164929	NUT	1
9	164927	PLUG	1
10	162035	SCREW	1
11	162389	CLAMP	1



Ref. No.	Part No.	Description	Qty.
1	205531	VALVE	2
2	165037	UNIVERSAL JOINT	2
3	161426	SCREW JOINT	10
4	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	8
5	161675	LOCKWASHER S6	8
6	161660	WASHER GR A6.4 ZO DIN 125	8
7	165040	PILOT VALVE SEAL KIT	2

Ref. No.	Part No.	Description	Qty.
8	177652	RUBBER CAP	2
9	165038	BELLOWS	2
10	164535	PILOT CONTROL RESTRICTOR	1
11	165976	RESTRICTOR	1
12	178874	PLATE	2
13	165039	JOYSTICK LT	1
14	165816	JOYSTICK RT	1



Ref. No.	Part No.	Description	Qty.
1	165490	LOCK VALVE	1
2	163113	SCREW JOINT	3
3	165481	TUBE	1
4	165963	SCREW JOINT	1
5	161444	90° FITTING	7

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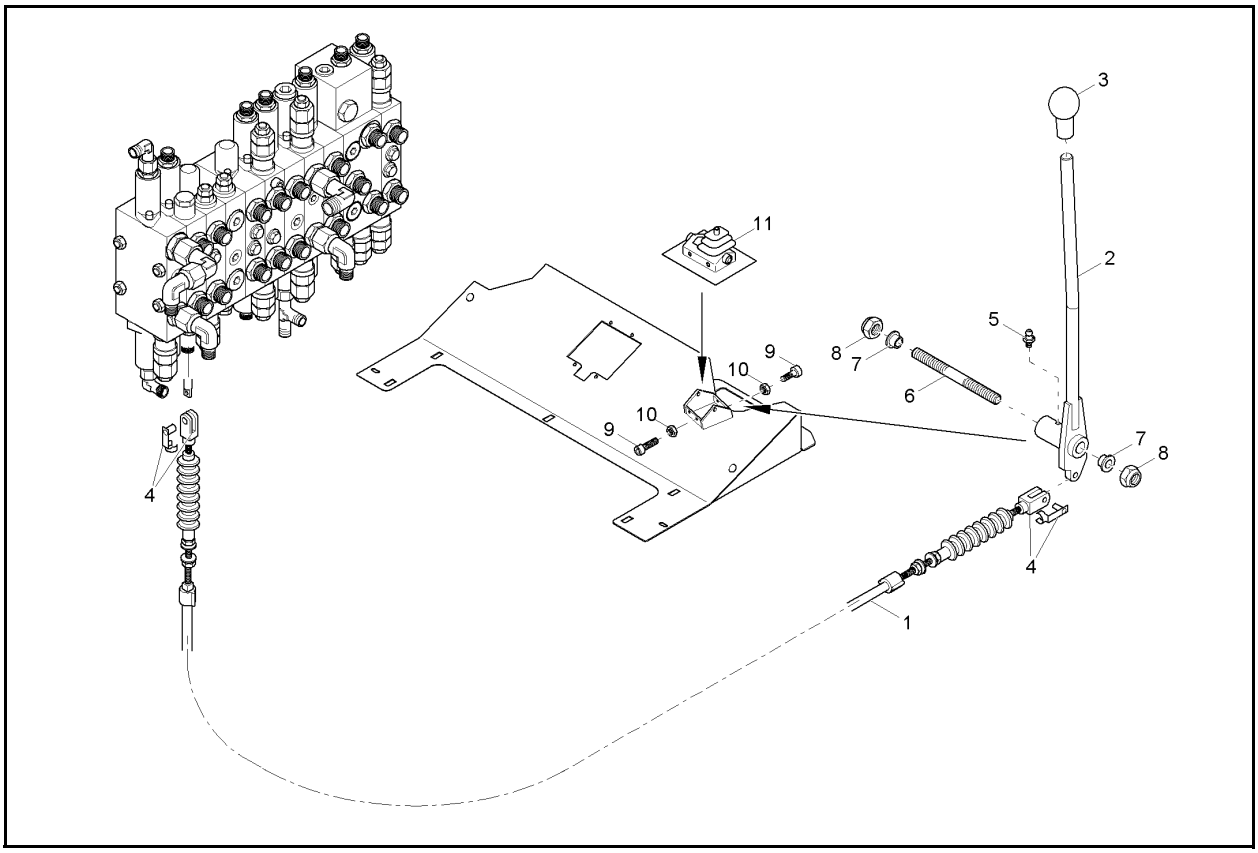


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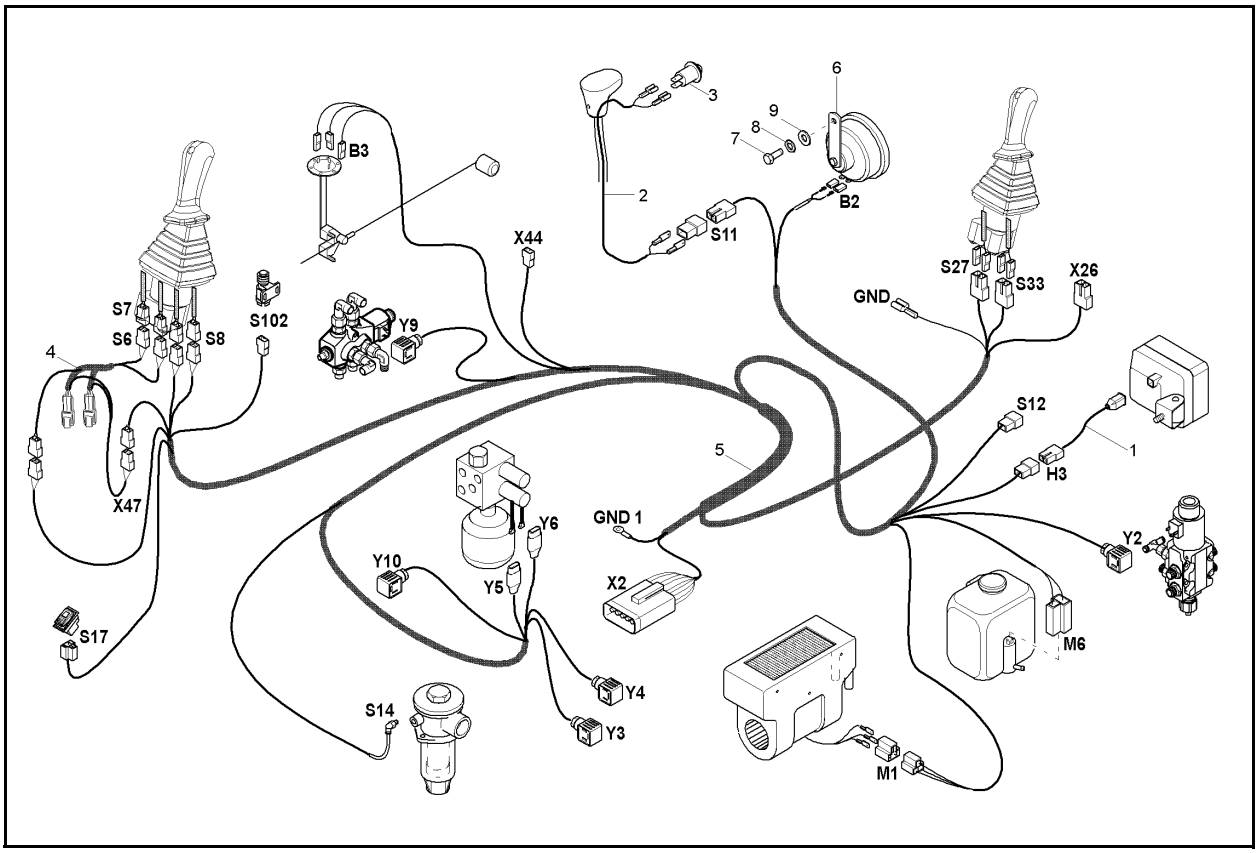
ME3003 - DOZER BLADE LEVER INSTALLATION

1000139379 - (SN AD02590 - AE02400)



Ref. No.	Part No.	Description	Qty.
1	165058	CABLE	1
2	207470	DOZER BLADE LEVER	1
3	162398	KNOB	1
4	179862	CLEVIS	2
5	161411	GREASE ZERK-7MM HEX HEAD	1
6	207469	PIN	1

Ref. No.	Part No.	Description	Qty.
7	165567	BEARING	2
8	179793	NUT	2
9	162021	SCREW	2
10	656100	HN M5-0.8 C8 ZY DIN934	2
11	206082	BELLOW (SN AD03862 - AE02400)	1

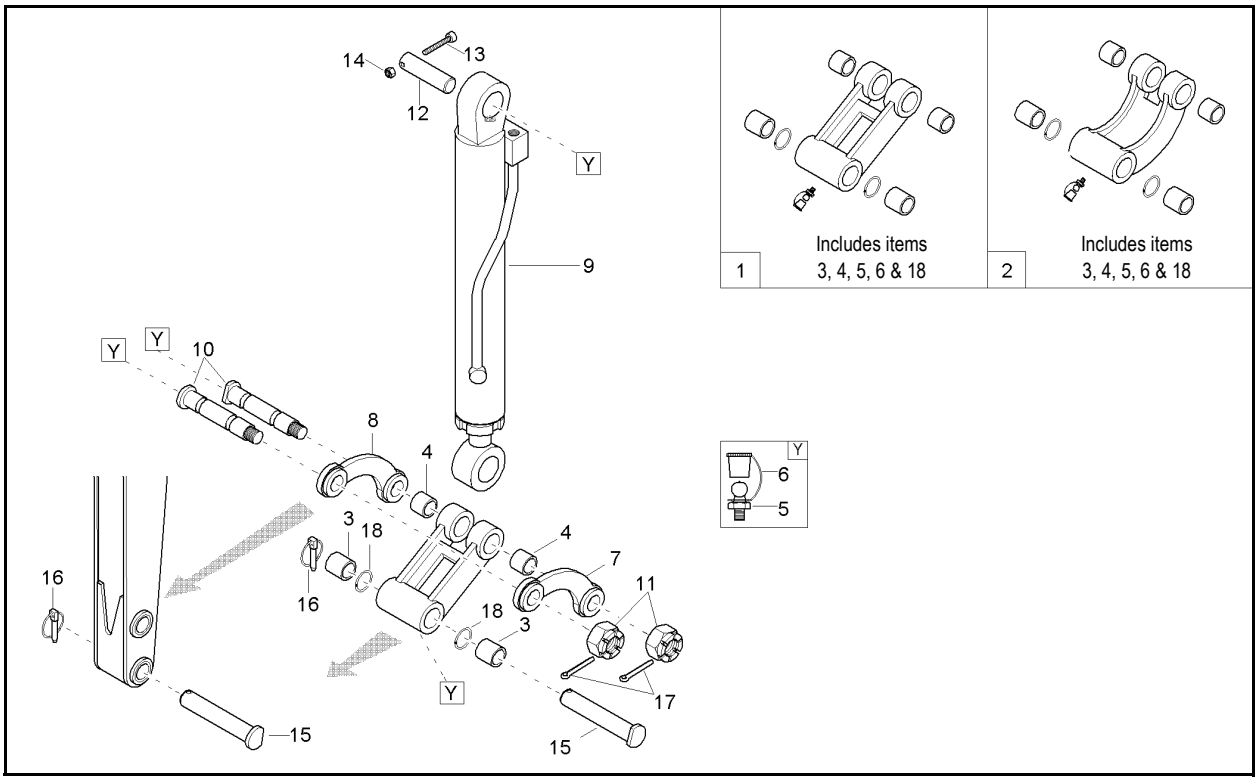


Ref. No.	Part No.	Description	Qty.
1	165233	WIRE HARNESS (BOOM WORK LIGHT)	1
2	165232	WIRE HARNESS (TRAVEL LEVER LT)	1
3	161363	SWITCH	1
4	165049	WIRE HARNESS (4/3 VALVE OPTION) (SN AD00001 - AE00560)	1

Ref. No.	Part No.	Description	Qty.
5	178920	CHASSIS WIRE HARNESS	1
6	161366	HORN	1
7	177648	HEX SCREW	1
8	163670	LOCKWASHER	1
9	7462680011	WASHER 8.4 ST A2C	1

Ref. No.	Part No.	Description	Qty.
39	165983	PIPE CLAMP	1
40	165943	SCREW	1
41	651507	SHCS M6-1 X 20 C8.8 ZY DIN912	1
42	651393	CS M10-1.5 X 25 C8.8 ZY	2
43	161669	LOCKWASHER S10	12
44	163642	WASHER	2
45	161640	WASHER/GR A 10.5	10
46	656006	CS M10-1.5 X 20 C8.8 ZY DIN931	10
47	2529457G	LOCK W/O KEYS	1
48	178853	BRACKET	1
49	651460	FHCS M5-0.8 X 16 C8.8 ZY DIN7991	2
50	161659	WASHER/GR A 5.3 ZO DIN125	2
51	651456	LN INS M5-0.8 C8 ZY DIN6924	2

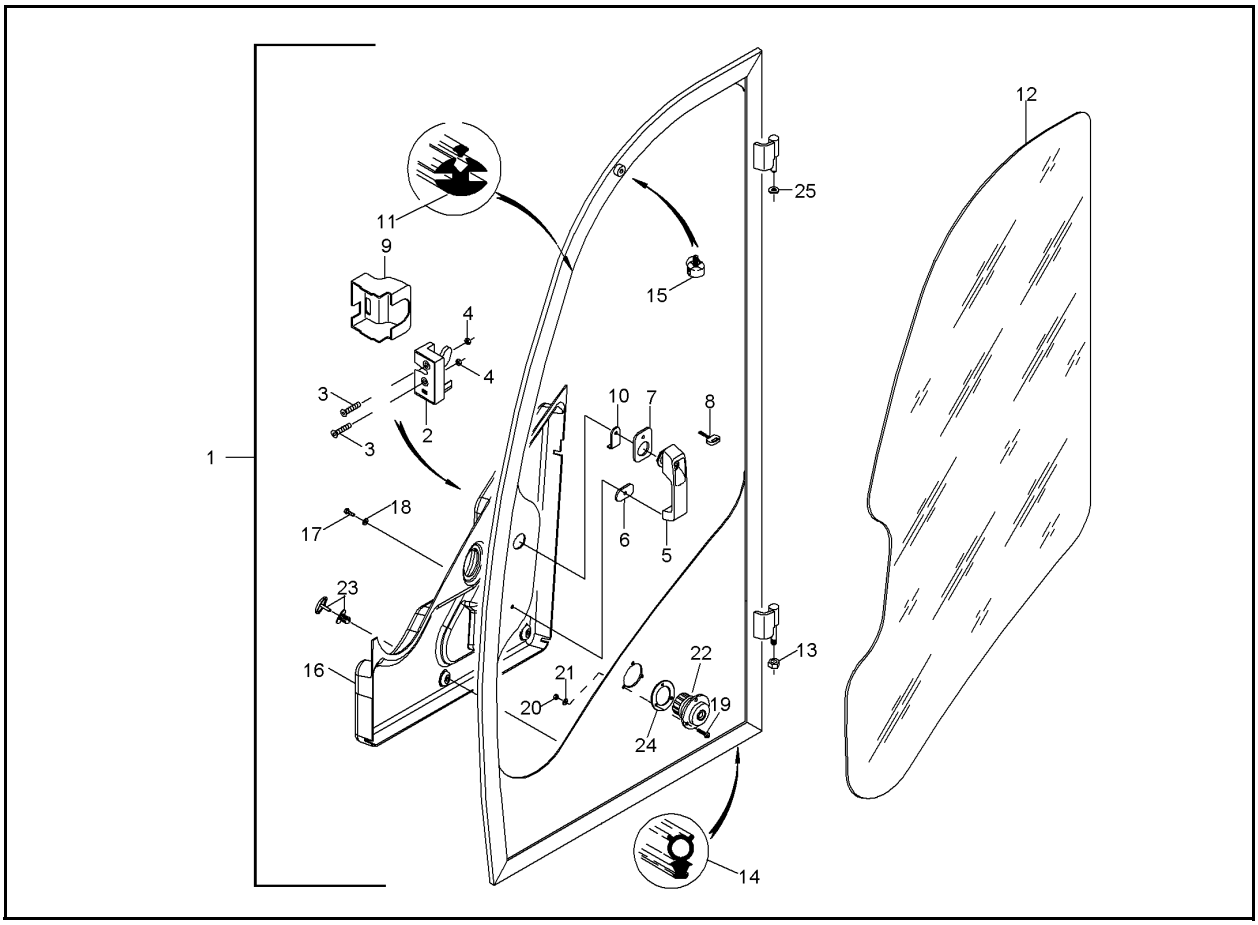
* Same key(s) to start engine and operate all locks on unit.



Ref. No.	Part No.	Description	Qty.
1	165622	CONNECTING LINK ASSY	1
2	165623	CONNECTING LINK ASSY*	1
3	161536	BUSHING	2
4	161533	BUSHING	2
5	161411	GREASE ZERK-7MM HEX HEAD	4
6	161422	CAP	4
7	165617	CONNECTING LINK LT	1
8	165616	CONNECTING LINK RT	1
9	165627	BUCKET CYLINDER See page 73 for individual components	1
10	160802	PIN	2

Ref. No.	Part No.	Description	Qty.
11	651443	HN SLTD M36-4 C8ZY DIN935	2
12	165693	PIN DM=40 X 126	1
13	651439	HB M8-1.25 X 80 C8.8 ZY	1
14	651458	LN INS M8-1.25 C8 ZY DIN6924	1
15	160803	PIN	2
16	162489	COTTER PIN	2
17	161682	PIN/SPRING M6.3 X 63 ZO	2
18	161686	SNAP RING	2

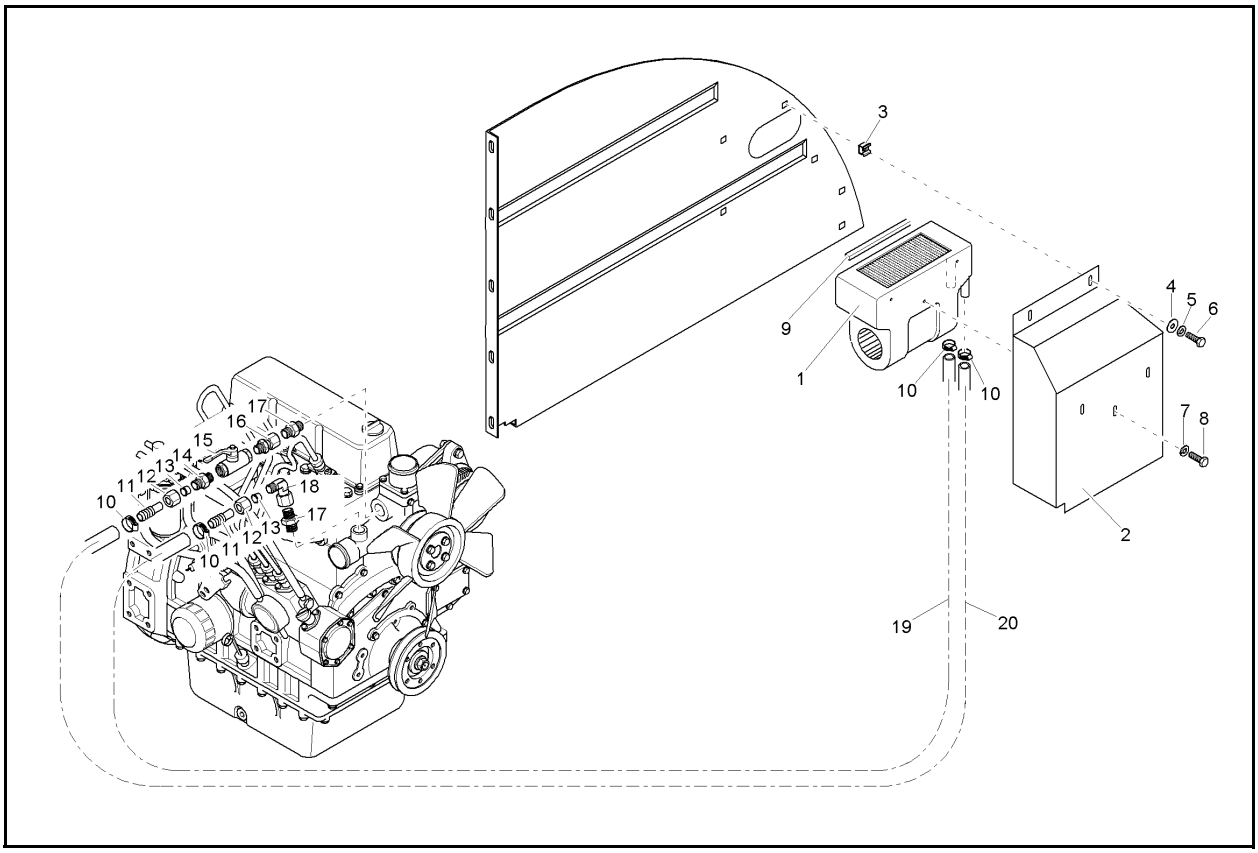
* Used only on previous model buckets.



Ref. No.	Part No.	Description	Qty.
1	178877	CAB DOOR COMPLETE	1
	177435	CAB DOOR COMPLETE W/WINDOW TINTED	1
2	160525	LATCH	1
3	162864	SCREW	2
4	651458	LN INS M8-1.25 C8 ZY DIN6924	2
5	161096	HANDLE W/LOCK	1
6	164700	SHIM	1
7	164701	SHIM	1
8	101792	KEY*	2
9	165221	COVER	1
10	165174	CALIPERS	1
11	206928	RUBBER PROFILE (3.30M)	1
12	165175	DOOR WINDOW	1
	178898	DOOR WINDOW TINTED	1

Ref. No.	Part No.	Description	Qty.
13	651448	LN INS M10-1.5 C8 ZY DIN6924	1
14	206923	SEALING PROFILE (3.90M)	1
15	1423449G	RUBBER BUFFER	1
16	165156	COVER	1
17	651424	CS M6-1 X 20 C8.8 ZY DIN931	1
18	162813	WASHER	1
19	164904	SHCS	3
20	651456	LN INS M5-0.8 C8 ZY DIN6924	3
21	162925	WASHER	3
22	1424447G	DOOR LATCH	1
23	164689	RIVET 11MM	10
24	1423447G	RUBBER WASHER	1
25	164688	WASHER	2

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



Ref. No.	Part No.	Description	Qty.
1	178172	CAB HEATER	1
2	165082	CABIN HEATING CONSOLE	1
3	161615	NUT/CAGE M8	4
4	7462680011	WASHER 8.4 ST A2C	4
5	163670	LOCKWASHER	4
6	656093	CS M8-1.25 X 16 C8.8 ZY DIN931	4
7	7462680008	WASHER	3
8	161630	SCREW/HEX HD TAP B5.5X19	3
9	206927	SEAL STRAP FOAM (0.50M)	1
10	162064	HOSE CLAMP	4

Ref. No.	Part No.	Description	Qty.
11	160860	HOSE COVER	2
12	7788010663	UNION NUT AL 12 VERZ.	2
13	164929	NUT	2
14	161476	SCREW JOINT	1
15	160950	BALL VALVE	1
16	161477	SCREW JOINT	1
17	161429	SCREW JOINT 12L	2
18	161445	90° FITTING	1
19	207252	HEATER HOSE (3.0M)	1
20	207252	HEATER HOSE (3.0M)	1

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207270	32	15
207271	32	12
207280	39	20
207466	38	7
207468	51	3
207469	79	6
207469	80	6
207470	79	2
207471	126	1
207472	74	7
208161	15	12
208161	18	2
208346	29	24
209196	91	14
209196	92	14
209197	91	15
209197	92	15
209474	20	20
209482	18	20
209549	19	11
209922	19	10
209933	21	11
209970	19	14
270244	4	34
270244	6	34
610478	98	14
651390	123	56
651390	125	56
651393	12	5
651393	28	5
651393	29	5
651393	30	5

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