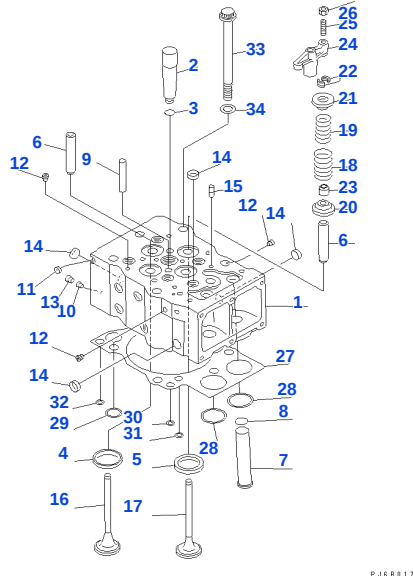




Reference: A1010-A8A7

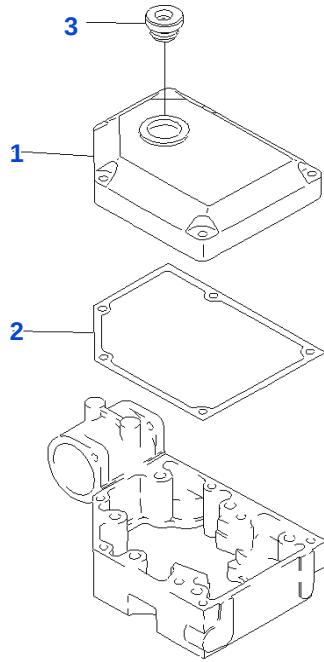
030010 CYLINDER HEAD

Item	Part No.	Part Name	Qty	Options
	6166-15-1100	CYLINDER HEAD ASS'Y,VALVE LESS	12	SN: 10196-UP
1		• ☆ HEAD,CYLINDER	1	SN: 10196-UP
2	6162-13-1130	• SLEEVE	1	SN: 10196-UP
3	6162-12-1152	• O-RING (K1)	1	SN: 10196-UP
4	6162-15-1370	• INSERT,INTAKE VALVE (STD)	2	SN: 10196-UP
	6162-19-1370	• INSERT□ 0.25MM,INTAKE VALVE (OS)	2	SN: 10196-UP
	6162-18-1370	• INSERT□ 0.50MM,INTAKE VALVE (OS)	2	SN: 10196-UP
	6162-17-1370	• INSERT□ 0.75MM,INTAKE VALVE (OS)	2	SN: 10196-UP
	6162-16-1370	• INSERT□ 1.00MM,INTAKE VALVE (OS)	2	SN: 10196-UP
5	6162-13-1322	• INSERT,EXHAUST VALVE (STD)	2	SN: 10196-UP
	6162-19-1322	• INSERT□ 0.25MM,EXHAUST VALVE (OS)	2	SN: 10196-UP
	6162-18-1322	• INSERT□ 0.50MM,EXHAUST VALVE (OS)	2	SN: 10196-UP
	6162-17-1322	• INSERT□ 0.75MM,EXHAUST VALVE (OS)	2	SN: 10196-UP
	6162-16-1322	• INSERT□ 1.00MM,EXHAUST VALVE (OS)	2	SN: 10196-UP
6	6162-19-1340	• GUIDE,VALVE	4	SN: 10196-UP
7	6162-13-1160	• TUBE,PUSH ROD	2	SN: 10196-UP
8	07000-73028	• O-RING (K1)	2	SN: 10196-UP
9	6162-13-1140	• GUIDE,CROSSHEAD	2	SN: 10196-UP
10	6164-11-1210	• PLUG	1	SN: 10196-UP
11	07046-11516	• PLUG	1	SN: 10196-UP
12	07043-50108	• PLUG	4	SN: 10196-UP
13	07043-50211	• PLUG	1	SN: 10196-UP
14	6162-13-1150	• PLUG,EXPANSION	17	SN: 10196-UP
15	6162-13-1410	• PIN	2	SN: 10196-UP
16	6162-43-4111	VALVE,INTAKE	24	SN: 10196-UP
17	6164-41-4211	VALVE,EXHAUST	24	SN: 10196-UP
18	6162-43-4440	SPRING,OUTER	48	SN: 10196-UP
19	6162-43-4420	SPRING,INNER	48	SN: 10196-UP
20	6162-43-4430	SEAT,SPRING	48	SN: 10196-UP
21	6162-43-4511	SEAT,SPRING	48	SN: 10196-UP
22	6162-42-4520	COTTER,VALVE	96	SN: 10196-UP
23	6166-13-4540	SEAL,VALVE	48	SN: 10196-UP
24	6162-43-5610	CROSSHEAD	24	SN: 10196-UP
25	6162-43-5641	SCREW,ADJUST	24	SN: 10196-UP
26	6127-41-5630	NUT	24	SN: 10196-UP
		STANDARD		
27	6164-11-1814	GASKET,HEAD (K1)	12	SN: 10196-UP
28	6162-13-1820	• GROMMET,OIL	2	SN: 10196-UP
29	6162-13-1832	• GROMMET,WATER	1	SN: 10196-UP
30	6162-13-1840	• GROMMET,OIL	1	SN: 10196-UP
31	6162-13-1851	• GROMMET,WATER	1	SN: 10196-UP
32	6164-11-1821	• GROMMET,OIL	1	SN: 10196-UP
		OVERSIZE 0.40MM		
27	6164-19-1814	GASKET,HEAD	12	SN: 10196-UP
28	6162-19-1820	• GROMMET,OIL	2	SN: 10196-UP
29	6162-19-1832	• GROMMET,WATER	1	SN: 10196-UP
30	6162-19-1840	• GROMMET,OIL	1	SN: 10196-UP

Item	Part No.	Part Name	Qty	Options
31	6162-19-1851	• GROMMET,WATER	1	SN: 10196-UP
32	6164-19-1821	• GROMMET,OIL	1	SN: 10196-UP
33	6162-15-1610	BOLT,HEAD	72	SN: 10196-UP
34	6162-13-1620	WASHER	72	SN: 10196-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: A1010-A8A7



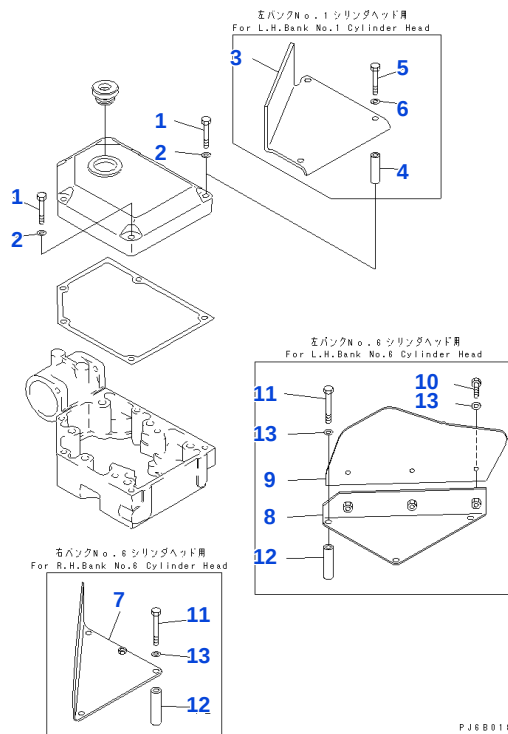
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Reference: A1110-A8A6

030020 ROCKER ARM HOUSING COVER

Item	Part No.	Part Name	Qty	Options
1	6162-13-8112	COVER,HEAD	12	SN: 10196-UP
2	6162-13-8812	GASKET (K1)	12	SN: 10196-UP
3	6162-13-8181	PACKING (K1)	12	SN: 10196-UP

Reference: A1110-A8A6

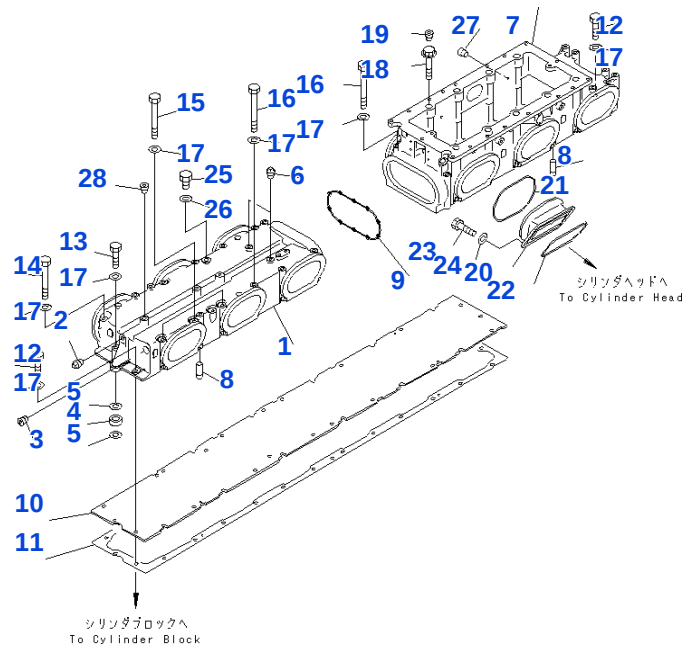


Reference: A1111-A8A1B

030030 ROCKER ARM HOUSING COVER MOUNTING

Item	Part No.	Part Name	Qty	Options
1	01010-81055	BOLT	51	SN: 10196-UP
2	01643-31032	WASHER	51	SN: 10196-UP
3	6166-21-3830	COVER	1	SN: 10196-UP
4	6136-11-5120	SPACER	3	SN: 10196-UP
5	01011-81030	BOLT	3	SN: 10196-UP
6	01643-31032	WASHER	3	SN: 10196-UP
7	6166-15-7910	COVER	1	SN: 10196-UP
8	6166-11-7940	COVER	1	SN: 10196-UP
9	6166-11-7920	COVER	1	SN: 10196-UP
10	01010-81020	BOLT	3	SN: 10196-UP
11	01011-81020	BOLT	6	SN: 10196-UP
12	6204-81-9560	SPACER	6	SN: 10196-UP
13	01643-31032	WASHER	9	SN: 10196-UP

Reference: A1111-A8A1B



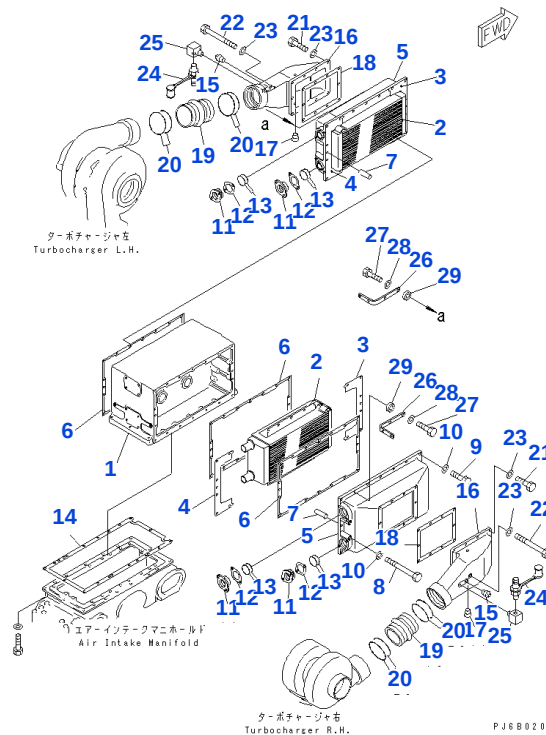
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Reference: A1310-A8B4

030040 AIR INTAKE MANIFOLD

Item	Part No.	Part Name	Qty	Options
1	6166-13-4210	MANIFOLD,AIR INTAKE	1	SN: 10196-UP
2	07042-A0211	PLUG	3	SN: 10196-UP
3	07043-A0617	PLUG	1	SN: 10196-UP
4	6166-11-4590	SPACER	1	SN: 10196-UP
5	6164-11-4120	GROMMET (K1)	4	SN: 10196-UP
6	07042-A0108	PLUG	2	SN: 10196-UP
7	6166-11-4120	MANIFOLD,AIR INTAKE	1	SN: 10196-UP
8	6164-21-1190	PIN	4	SN: 10196-UP
9	6165-11-4230	GASKET (K1)	1	SN: 10196-UP
10	6165-11-4170	PLATE	1	SN: 10196-UP
11	6165-11-4153	GASKET (K1)	1	SN: 10196-UP
12	01010-81040	BOLT	2	SN: 10196-UP
13	01010-81085	BOLT	1	SN: 10196-UP
14	01011-81040	BOLT	1	SN: 10196-UP
15	01011-81050	BOLT	3	SN: 10196-UP
16	01011-81060	BOLT	9	SN: 10196-UP
17	01643-31032	WASHER	16	SN: 10196-UP
18	01438-01030	BOLT	9	SN: 10196-UP
19	07043-A0415	PLUG	9	SN: 10196-UP
20	6165-11-4811	CONNECTOR	12	SN: 10196-UP
21	6164-11-4850	O-RING (K1)	12	SN: 10196-UP
22	6164-11-4871	O-RING (K1)	12	SN: 10196-UP
23	01010-81025	BOLT	48	SN: 10196-UP
24	01640-21016	WASHER	48	SN: 10196-UP
25	07040-11409	PLUG	1	SN: 10196-UP
26	07005-01412	GASKET (K1)	1	SN: 10196-UP
27	07043-70108	PLUG	4	SN: 10196-UP
28	07043-A0211	PLUG	2	SN: 10196-UP

Reference: A1310-A8B4

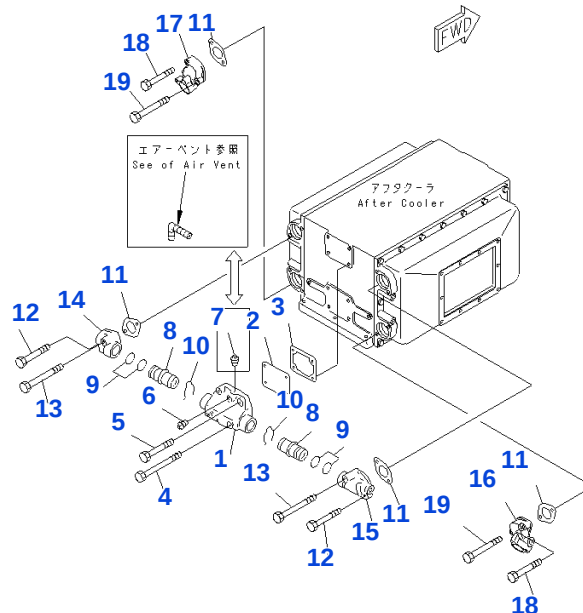


Reference: A1310-B8B4

030050 AFTER COOLER

Item	Part No.	Part Name	Qty	Options
	6166-61-6500	AFTER COOLER ASS'Y	1	SN: 10196-UP
1	6166-61-6320	• HOUSING	1	SN: 10196-UP
2	6166-61-6580	• CORE	2	SN: 10196-UP
3	6166-61-6920	• PLATE	2	SN: 10196-UP
4	6166-61-6930	• PLATE	2	SN: 10196-UP
5	6166-61-6380	• COVER	2	SN: 10196-UP
6	6166-61-6151	• GASKET (K1)	4	SN: 10196-UP
7	04020-01024	• PIN,DOWEL	4	SN: 10196-UP
8	01011-81000	• BOLT	4	SN: 10196-UP
9	01010-81040	• BOLT	32	SN: 10196-UP
10	01640-01016	• WASHER	36	SN: 10196-UP
11	6166-63-6330	• CONNECTOR	4	SN: 10196-UP
12	6166-61-6341	• GASKET	4	SN: 10196-UP
13	07000-E3042	• O-RING	8	SN: 10196-UP
14	6166-11-4480	GASKET (K1)	1	SN: 10196-UP
15	07042-A0108	PLUG	2	SN: 10196-UP
16	6165-61-6821	CONNECTOR	2	SN: 10196-UP
17	02720-10406	PLUG	2	SN: 10196-UP
18	6166-11-4331	GASKET (K1)	2	SN: 10196-UP
19	6211-11-4410	CONNECTOR	2	SN: 10196-UP
20	02895-77075	O-RING	8	SN: 10196-UP
21	01010-81035	BOLT	18	SN: 10196-UP
22	01011-81055	BOLT	2	SN: 10196-UP
23	01643-31032	WASHER	20	SN: 10196-UP
24	799-101-5160	NIPPLE	2	SN: 10196-UP
25	6127-81-4690	NIPPLE	2	SN: 10196-UP
26	6166-11-7170	BRACKET	2	SN: 10196-UP
27	01010-81065	BOLT	4	SN: 10196-UP
28	01643-31032	WASHER	4	SN: 10196-UP
29	6151-61-3781	SPACER	4	SN: 10196-UP

Reference: A1310-B8B4



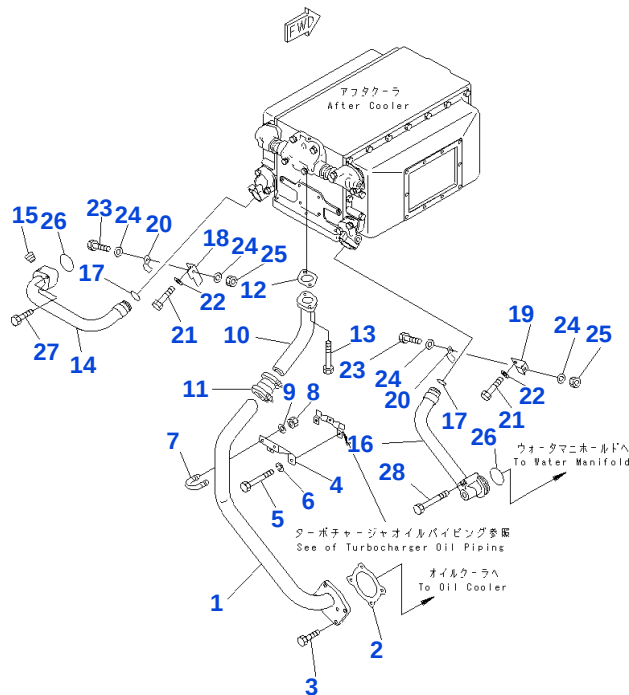
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Reference: A1310-C8B4

030060 AFTER COOLER WATER CONNECTION

Item	Part No.	Part Name	Qty	Options
1	6166-61-6270	CONNECTOR	1	SN: 10196-UP
2	6166-61-6280	PLATE	1	SN: 10196-UP
3	6166-61-6291	GASKET (K1)	1	SN: 10196-UP
4	01010-81095	BOLT	2	SN: 10196-UP
5	01010-81055	BOLT	2	SN: 10196-UP
6	07042-00108	PLUG	1	SN: 10196-UP
7	07042-00108	PLUG,(FOR SHIPPING)	1	SN: 10196-UP
8	6166-61-6370	TUBE	2	SN: 10196-UP
9	07000-E3038	O-RING	4	SN: 10196-UP
10	6166-61-6390	RING	2	SN: 10196-UP
11	6166-61-6341	GASKET (K1)	4	SN: 10196-UP
12	01010-81050	BOLT	2	SN: 10196-UP
13	01010-81085	BOLT	3	SN: 10196-UP
14	6166-63-6320	CONNECTOR,L.H.	1	SN: 10196-UP
15	6166-63-6310	CONNECTOR,R.H.	1	SN: 10196-UP
16	6166-65-7250	CONNECTOR,R.H.	1	SN: 10196-UP
17	6166-65-7260	CONNECTOR,L.H.	1	SN: 10196-UP
18	01010-81055	BOLT	2	SN: 10196-UP
19	01010-81065	BOLT	2	SN: 10196-UP

Reference: A1310-C8B4



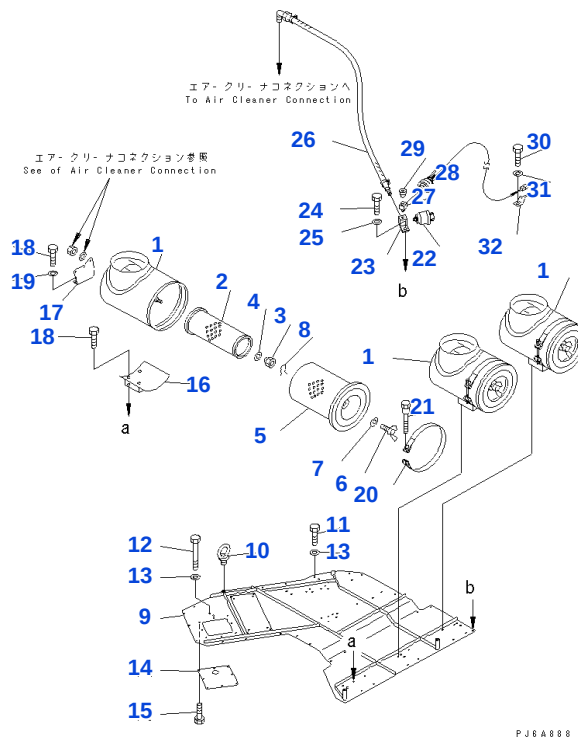
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Reference: A1310-D8B4

030070 AFTER COOLER WATER PIPING

Item	Part No.	Part Name	Qty	Options
1	6166-61-7310	TUBE	1	SN: 10196-UP
2	6164-61-6411	GASKET (K1□K2)	1	SN: 10196-UP
3	01010-81030	BOLT	4	SN: 10196-UP
4	6166-61-6230	BRACKET	1	SN: 10196-UP
5	01010-81070	BOLT	2	SN: 10196-UP
6	01602-01030	WASHER,SPRING	2	SN: 10196-UP
7	07283-24957	CLIP	1	SN: 10196-UP
8	01599-01011	NUT	2	SN: 10196-UP
9	01643-31032	WASHER	2	SN: 10196-UP
10	6166-61-6220	TUBE	1	SN: 10196-UP
11	07332-01400	COUPLING ASS'Y	1	SN: 10196-UP
12	6136-21-5780	GASKET (K1)	1	SN: 10196-UP
13	01010-81030	BOLT	2	SN: 10196-UP
14	6166-61-6522	TUBE,L.H.	1	SN: 10196-UP
15	07043-00415	PLUG	1	SN: 10196-UP
16	6166-61-6533	TUBE,R.H.	1	SN: 10196-UP
17	6166-61-6860	O-RING (K1)	2	SN: 10196-UP
18	6166-61-6593	BRACKET	1	SN: 10196-UP
19	6166-61-7210	BRACKET	1	SN: 10196-UP
20	6164-61-6950	CLAMP	2	SN: 10196-UP
21	01010-80816	BOLT	2	SN: 10196-UP
22	01640-20816	WASHER	2	SN: 10196-UP
23	01010-81020	BOLT	2	SN: 10196-UP
24	01640-21016	WASHER	4	SN: 10196-UP
25	01580-01008	NUT	2	SN: 10196-UP
26	07000-G2070	O-RING (K1)	2	SN: 10196-UP
27	01010-81060	BOLT	1	SN: 10196-UP
28	01010-81080	BOLT	1	SN: 10196-UP

Reference: A1310-D8B4



Reference: A1410-A8B8

030080 AIR CLEANER

Item	Part No.	Part Name	Qty	Options
	6128-81-7106	AIR CLEANER ASS'Y	3	SN: 10196-UP
1	6128-81-7113	• BODY	1	SN: 10196-UP
	6128-81-7043	• ELEMENT ASS'Y	1	SN: 10196-UP
2		• ☆ ELEMENT, INNER	1	SN: 10196-UP
3	600-181-4370	• NUT, WING	1	SN: 10196-UP
4	600-181-7511	• WASHER, SEAL	1	SN: 10196-UP
	600-181-4401	• ELEMENT ASS'Y, OUTER	1	SN: 10196-UP
5		• ☆ ELEMENT, OUTER	1	SN: 10196-UP
6	600-181-4420	• NUT, WING	1	SN: 10196-UP
7	600-181-4440	• GASKET	1	SN: 10196-UP
8	600-181-4430	• CLIP	1	SN: 10196-UP
9	6166-11-8311	BRACKET	1	SN: 10196-UP
10	04530-01628	BOLT, EYE	4	SN: 10196-UP
11	01010-61435	BOLT	10	SN: 10196-UP
12	01010-61480	BOLT	2	SN: 10196-UP
13	01643-31445	WASHER	12	SN: 10196-UP
14	6166-11-8390	PLATE	1	SN: 10196-UP
15	01010-80816	BOLT	8	SN: 10196-UP
16	6166-11-8810	BRACKET	3	SN: 10196-UP
17	6166-11-8820	BRACKET	2	SN: 10196-UP
18	01010-81020	BOLT	16	SN: 10196-UP
19	01643-31032	WASHER	4	SN: 10196-UP
20	6127-11-4360	BAND ASS'Y	3	SN: 10196-UP
	6691-21-6550	• PIN	1	SN: 10196-UP
	6691-21-6560	• PIN WITH THREAD	1	SN: 10196-UP
21	6643-11-4641	BOLT	3	SN: 10196-UP
22	600-184-1920	INDICATOR, DUST	1	SN: 10196-UP
23	6166-11-8612	JOINT	1	SN: 10196-UP
24	01010-81020	BOLT	1	SN: 10196-UP
25	01643-31032	WASHER	1	SN: 10196-UP
26	08671-50080	HOSE	1	SN: 10196-UP
27	6166-11-8620	JOINT	1	SN: 10196-UP
28	7861-93-1420	SENSOR, SWITCH	1	SN: 10196-UP
29	02720-10204	PLUG	1	SN: 10196-UP

Item	Part No.	Part Name	Qty	Options
30	01010-81016	BOLT	1	SN: 10196-UP
31	01643-31032	WASHER	1	SN: 10196-UP
32	08193-20010	CLIP	1	SN: 10196-UP

Catalog signs: ☆ not supplied separately: assembly only

Reference: A1410-A8B8

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