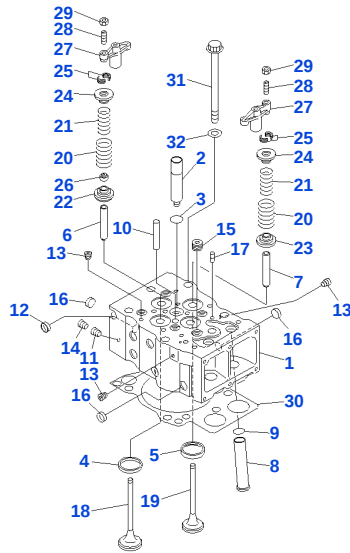




PJ33067

Reference: A1010-A8A3

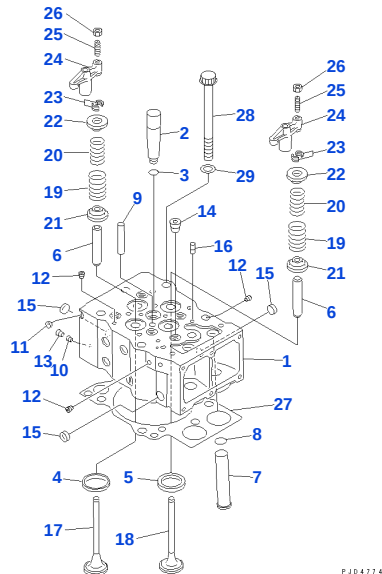
030010 CYLINDER HEAD (#10057-10116)

Item	Part No.	Part Name	Qty	Options
	6166-13-1010	CYLINDER HEAD ASSEMBLY, WITH VALVE	12	SN: 10057-10116
	6166-13-1100	• CYLINDER HEAD ASSEMBLY, WITHOUT VALVE	1	SN: 10057-10116
1		• ☆ HEAD, CYLINDER	1	SN: 10057-10116
2	6162-13-1130	• SLEEVE	1	SN: 10057-@
3	6162-12-1152	• O RING (K1)	1	SN: 10057-@
4	6166-13-1330	• INSERT, INTAKE VALVE (STD)	2	SN: 10057-10116
4	6166-19-1330	• INSERT, 0.25MM, INTAKE VALVE (OS)	2	SN: 10057-10116
4	6166-18-1330	• INSERT, 0.50MM, INTAKE VALVE (OS)	2	SN: 10057-10116
4	6166-17-1330	• INSERT, 0.75MM, INTAKE VALVE (OS)	2	SN: 10057-10116
4	6166-16-1330	• INSERT, 1.00MM, INTAKE VALVE (OS)	2	SN: 10057-10116
5	6162-13-1322	• INSERT, EXHAUST VALVE (STD)	2	SN: 10057-@
5	6162-19-1322	• INSERT, 0.25MM, EXHAUST VALVE (OS)	2	SN: 10057-@
5	6162-18-1322	• INSERT, 0.50MM, EXHAUST VALVE (OS)	2	SN: 10057-@
5	6162-17-1322	• INSERT, 0.75MM, EXHAUST VALVE (OS)	2	SN: 10057-@
5	6162-16-1322	• INSERT, 1.00MM, EXHAUST VALVE (OS)	2	SN: 10057-@
6	6304-16-1331	• GUIDE, VALVE, INTAKE	2	SN: 10057-10116
7	6162-16-1341	• GUIDE, VALVE, EXHAUST	2	SN: 10057-10116
8	6162-13-1160	• TUBE, PUSH ROD	2	SN: 10057-@
9	07000-63028	• O RING (K1)	2	SN: 10057-@
10	6162-13-1140	• GUIDE, CROSSHEAD	2	SN: 10057-@
11	6164-11-1210	• PLUG	1	SN: 10057-@
12	07046-11516	• PLUG	1	SN: 10057-@
13	07043-50108	• PLUG	4	SN: 10057-@
14	07043-50211	• PLUG	1	SN: 10057-@
15	07043-50617	• PLUG	5	SN: 10057-@
16	6162-13-1150	• PLUG, EXPANSION	12	SN: 10057-@
17	6162-13-1410	• PIN	2	SN: 10057-@
18	6162-43-4110	• VALVE, INTAKE	2	SN: 10057-@
19	6164-41-4211	• VALVE, EXHAUST	2	SN: 10057-@
20	6162-43-4410	• SPRING, VALVE, OUTER	4	SN: 10057-@
21	6162-43-4420	• SPRING, VALVE, INNER	4	SN: 10057-@
22	6304-41-4550	• SEAT, SPRING, INTAKE	2	SN: 10057-10116
23	6162-43-4430	• SEAT, SPRING, EXHAUST	2	SN: 10057-10116
24	6162-43-4511	• SEAT, SPRING	4	SN: 10057-@
25	6162-42-4520	• COTTER, VALVE	8	SN: 10057-@
26	6304-41-4540	• SEAL, VALVE STEM (K1)	2	SN: 10057-10116
27	6162-43-5610	CROSSHEAD	24	SN: 10057-@
28	6162-43-5640	SCREW, ADJUST	24	SN: 10057-@
29	6127-41-5630	NAT	24	SN: 10057-@
		STANDARD		
30	6164-11-1814	GASKET, HEAD (K1)	12	SN: 10057-10116
30	6162-13-1820	• GROMMET, OIL	2	SN: 10057-10116
30	6162-13-1832	• GROMMET, WATER	1	SN: 10057-10116
30	6164-11-1821	• GROMMET, OIL	1	SN: 10057-10116
30		• ☆ GROMMET, OIL	1	SN: 10057-10116
30	6162-13-1851	• GROMMET, WATER	1	SN: 10057-10116
		OVERSIZE 0.40MM		

Item	Part No.	Part Name	Qty	Options
30	6164-19-1814	GASKET, HEAD	12	SN: 10057-10116
30	6162-19-1820	• GROMMET, OIL	2	SN: 10057-10116
30	6162-19-1832	• GROMMET, WATER	1	SN: 10057-10116
30	6164-19-1821	• GROMMET, OIL	1	SN: 10057-10116
30	6162-19-1840	• GROMMET, OIL	1	SN: 10057-10116
30	6162-19-1851	• GROMMET, WATER	1	SN: 10057-10116
31	6162-13-1611	BOLT, HEAD	72	SN: 10057-@
32	6162-13-1620	WASHER	72	SN: 10057-@

Catalog signs: ☆ not supplied separately: assembly only

Reference: A1010-A8A3



Reference: A1010-A8A3A

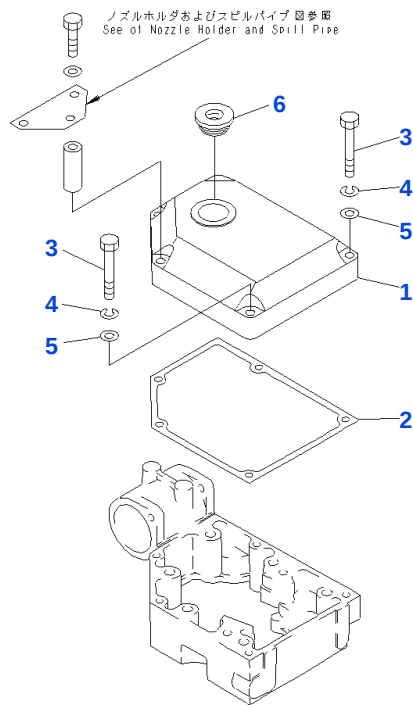
030020 CYLINDER HEAD (#10117-)

Item	Part No.	Part Name	Qty	Options
	6166-13-1011	CYLINDER HEAD ASSEMBLY, WITH VALVE	12	SN: 10117-UP
	6164-11-1103	• CYLINDER HEAD ASSEMBLY, WITHOUT VALVE	1	SN: 10117-UP
1		• ☆ HEAD, CYLINDER	1	SN: 10117-UP
2	6162-13-1130	• SLEEVE	1	SN: 10057-UP
3	6162-12-1152	• O RING (K1)	1	SN: 10057-UP
4	6162-15-1370	• INSERT, INTAKE VALVE (STD)	2	SN: 10117-UP
4	6162-19-1370	• INSERT, 0.25MM, INTAKE VALVE (OS)	2	SN: 10117-UP
4	6162-18-1370	• INSERT, 0.50MM, INTAKE VALVE (OS)	2	SN: 10117-UP
4	6162-17-1370	• INSERT, 0.75MM, INTAKE VALVE (OS)	2	SN: 10117-UP
4	6162-16-1370	• INSERT, 1.00MM, INTAKE VALVE (OS)	2	SN: 10117-UP
5	6162-13-1322	• INSERT, EXHAUST VALVE (STD)	2	SN: 10057-UP
5	6162-19-1322	• INSERT, 0.25MM, EXHAUST VALVE (OS)	2	SN: 10057-UP
5	6162-18-1322	• INSERT, 0.50MM, EXHAUST VALVE (OS)	2	SN: 10057-UP
5	6162-17-1322	• INSERT, 0.75MM, EXHAUST VALVE (OS)	2	SN: 10057-UP
5	6162-16-1322	• INSERT, 1.00MM, EXHAUST VALVE (OS)	2	SN: 10057-UP
6	6162-16-1341	• GUIDE, VALVE	4	SN: 10117-UP
7	6162-13-1160	• TUBE, PUSH ROD	2	SN: 10057-UP
8	07000-63028	• O RING (K1)	2	SN: 10057-UP
9	6162-13-1140	• GUIDE, CROSSHEAD	2	SN: 10057-UP
10	6164-11-1210	• PLUG	1	SN: 10057-UP
11	07046-11516	• PLUG	1	SN: 10057-UP
12	07043-50108	• PLUG	4	SN: 10057-UP
13	07043-50211	• PLUG	1	SN: 10057-UP
14	07043-50617	• PLUG	5	SN: 10057-UP
15	6162-13-1150	• PLUG, EXPANSION	12	SN: 10057-UP
16	6162-13-1410	• PIN	2	SN: 10057-UP
17	6162-43-4111	• VALVE, INTAKE	2	SN: 10172-UP
17	6162-43-4110	• □ VALVE, INTAKE	2	SN: 10057-10171
18	6164-41-4211	• VALVE, EXHAUST	2	SN: 10057-UP
19	6162-43-4440	• SPRING, VALVE, OUTER	4	SN: 10172-UP
19	6162-43-4410	• □ SPRING, VALVE, OUTER	4	SN: 10057-10171
20	6162-43-4420	• SPRING, VALVE, INNER	4	SN: 10057-UP
21	6162-43-4430	• SEAT, SPRING	4	SN: 10117-UP
22	6162-43-4511	• SEAT, SPRING	4	SN: 10057-UP
23	6240-41-4520	• COTTER, VALVE	8	SN: 10242-UP
23	6162-42-4520	• ◆ COTTER, VALVE	8	SN: 10057-10241
24	6162-43-5610	CROSSHEAD	24	SN: 10057-UP
25	6162-43-5640	SCREW, ADJUST	24	SN: 10057-UP
26	6127-41-5630	NAT	24	SN: 10057-UP
27	6166-13-1811	GASKET, HEAD (K1)	12	SN: 10117-UP
27	6162-13-1820	• GROMMET, OIL	2	SN: 10117-UP
27	6162-13-1832	• GROMMET, WATER	1	SN: 10117-UP
27	6164-11-1821	• GROMMET, OIL	1	SN: 10117-UP
27		• ☆ GROMMET, OIL	1	SN: 10117-UP
27	6162-13-1851	• GROMMET, WATER	1	SN: 10117-UP
28	6162-15-1610	BOLT, HEAD	72	SN: 10156-UP
28	6162-13-1611	□ BOLT, HEAD	72	SN: 10057-10155

Item	Part No.	Part Name	Qty	Options
29	6162-13-1620	WASHER	72	SN: 10057-UP

Catalog signs: ☆ not supplied separately: assembly only ☐ part above may be used instead ◆ interchangeable with part above

Reference: A1010-A8A3A



PJD4775

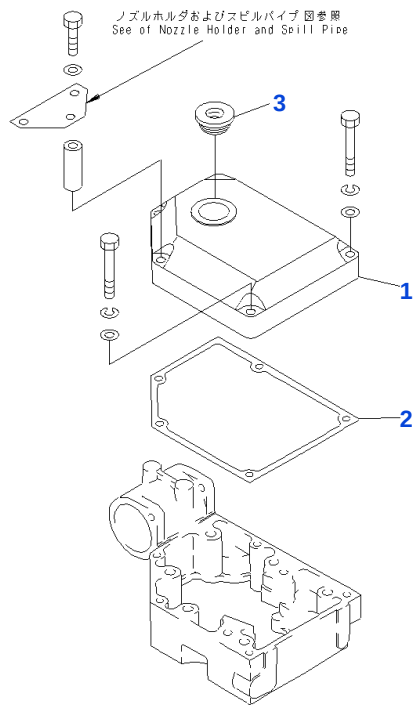
Reference: A1110-A8A4

030030 ROCKER ARM HOUSING COVER (#10057-10171)

Item	Part No.	Part Name	Qty	Options
1	6162-13-8112	COVER, HEAD	12	SN: 10057-10171
2	6162-13-8812	GASKET (K1)	12	SN: 10114-10171
2	6162-13-8811	☐ GASKET (K1)	12	SN: 10057-10113
3	01010-81055	BOLT	38	SN: 10057-10171
4	01602-01030	WASHER, SPRING	38	SN: 10057-10171
5	01640-01016	WASHER	38	SN: 10057-10171
6	6162-13-8181	PACKING (K1)	12	SN: 10057-10171

Catalog signs: ☐ part above may be used instead

Reference: A1110-A8A4

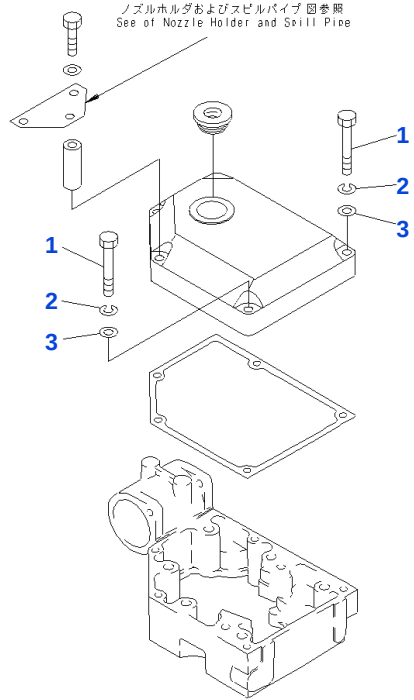


Reference: A1110-A8A6

030040 ROCKER ARM HOUSING COVER (#10172-)

Item	Part No.	Part Name	Qty	Options
1	6162-13-8112	COVER, HEAD	12	SN: 10172-UP
2	6162-13-8812	GASKET (K1)	12	SN: 10172-UP
3	6162-13-8181	PACKING (K1)	12	SN: 10172-UP

Reference: A1110-A8A6



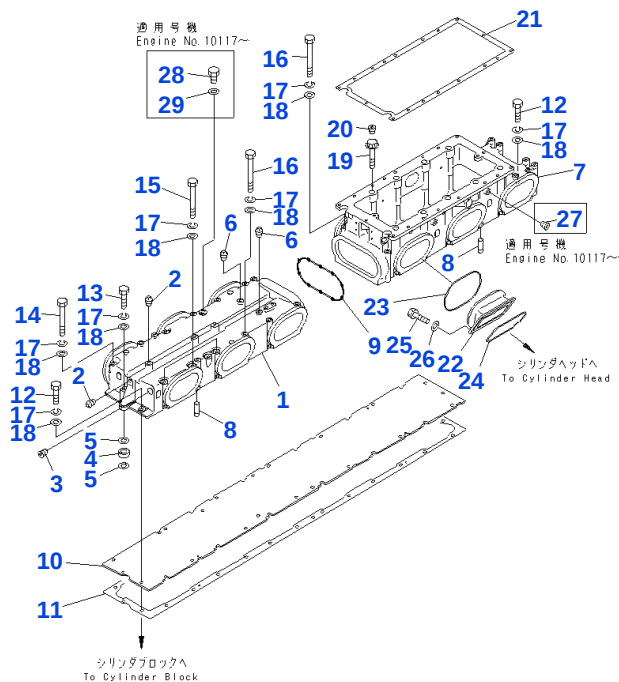
PJD4777

Reference: A1111-A8A2

030050 ROCKER ARM HOUSING COVER RELATED PARTS(#10172-)

Item	Part No.	Part Name	Qty	Options
1	01010-81055	BOLT	38	SN: 10172-UP
2	01602-01030	WASHER, SPRING	38	SN: 10172-UP
3	01640-01016	WASHER	38	SN: 10172-UP

Reference: A1111-A8A2



PJ04778

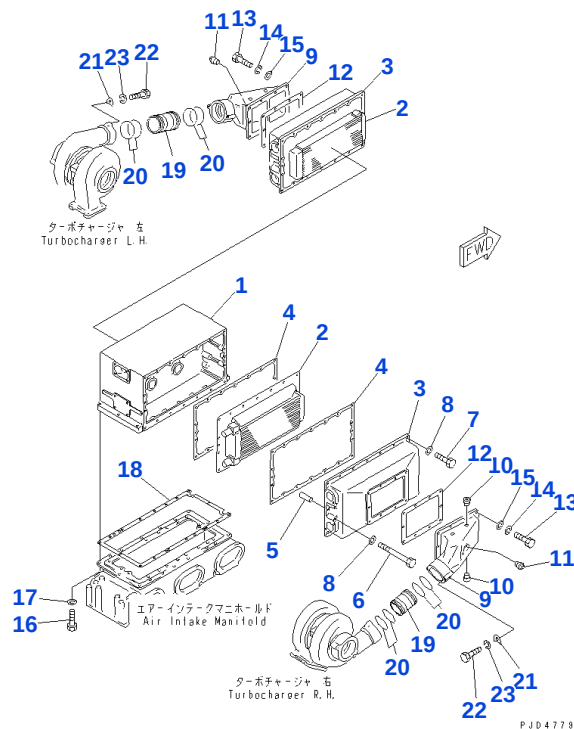
Reference: A1310-A8A9

030060 AIR INTAKE MANIFOLD (AIR INTAKE) (1/4)

Item	Part No.	Part Name	Qty	Options
1	6166-13-4210	MANIFOLD, AIR INTAKE	1	SN: 10057-UP
2	07042-10211	PLUG	2	SN: 10057-UP
3	07043-00617	PLUG	1	SN: 10057-UP
4	6166-11-4590	SPACER	1	SN: 10057-UP
5	6164-11-4120	GROMMET (K1)	4	SN: 10057-UP
6	07042-00108	PLUG	2	SN: 10057-UP
7	6166-11-4120	MANIFOLD, AIR INTAKE	1	SN: 10057-UP
8	6164-21-1190	PIN	4	SN: 10057-UP
9	6165-11-4230	GASKET (K1)	1	SN: 10057-UP
10	6165-11-4170	PLATE	1	SN: 10057-UP
11	6165-11-4153	GASKET (K1)	1	SN: 10114-UP
11	6165-11-4151	□ GASKET (K1)	1	SN: 10057-10113
12	01010-81040	BOLT	2	SN: 10057-UP
13	01010-81085	BOLT	1	SN: 10057-UP
14	01011-81040	BOLT	1	SN: 10057-UP
15	01011-81050	BOLT	3	SN: 10057-UP
16	01011-81060	BOLT	11	SN: 10117-UP
16	01011-81060	BOLT	9	SN: 10057-10116
17	01602-01030	WASHER, SPRING	18	SN: 10117-UP
17	01602-01030	WASHER, SPRING	16	SN: 10057-10116
18	01640-01016	WASHER	18	SN: 10117-UP
18	01640-01016	WASHER	16	SN: 10057-10116
19	01438-01030	BOLT	9	SN: 10163-UP
19	6210-81-8170	BOLT	9	SN: 10057-10162
20	07043-00415	PLUG	9	SN: 10057-UP
21	6166-11-4480	GASKET (K1)	1	SN: 10057-UP
22	6165-11-4811	CONNECTOR	12	SN: 10057-UP
23	6164-11-4850	O RING (K1)	12	SN: 10057-UP
24	6164-11-4871	O RING (K1)	12	SN: 10057-UP
25	01010-81025	BOLT	48	SN: 10057-UP
26	01640-01016	WASHER	48	SN: 10057-UP
27	07043-70108	PLUG	4	SN: 10117-UP
28	07040-11409	PLUG	2	SN: 10117-UP
29	07005-01412	SEAL, WASHER (K1)	2	SN: 10117-UP

Catalog signs: ☐ part above may be used instead

Reference: A1310-A8A9



Reference: A1310-B8A9

030070 AFTER COOLER (AIR INTAKE) (2/4)

Item	Part No.	Part Name	Qty	Options
	6166-61-6300	AFTER COOLER ASSEMBLY	1	SN: 10057-UP
1	6166-61-6320	• HOUSING	1	SN: 10057-UP
2	6166-61-6113	• CORE	2	SN: 10057-UP
3	6166-61-6380	• COVER	2	SN: 10057-UP
4	6166-61-6151	• GASKET (K1)	4	SN: 10114-UP
4	6166-61-6150	• GASKET (K1)	4	SN: 10057-10113
5	04020-01024	• PIN, DOWEL	4	SN: 10057-UP
6	01011-81000	• BOLT	4	SN: 10057-UP
7	01010-81040	• BOLT	32	SN: 10057-UP
8	01640-01016	• WASHER	36	SN: 10057-UP
9	6166-61-6830	CONNECTOR	2	SN: 10057-UP
10	02720-10406	PLUG	8	SN: 10057-UP
11	07042-00108	PLUG	4	SN: 10057-UP
12	6166-11-4331	GASKET (K1)	2	SN: 10114-UP
12	6166-11-4330	GASKET (K1)	2	SN: 10057-10113
13	01010-81035	BOLT	20	SN: 10057-UP
14	01602-01030	WASHER, SPRING	20	SN: 10057-UP
15	01640-01016	WASHER	20	SN: 10057-UP
16	01010-81035	BOLT	18	SN: 10057-UP
17	01602-01030	WASHER, SPRING	18	SN: 10057-UP
18	6166-11-4480	GASKET,(SEE FIG.A1310-A8A9)	1	SN: 10057-UP
19	6166-11-4370	CONNECTOR	2	SN: 10057-UP
20	02895-77091	O RING (K1)	8	SN: 10114-UP
20	6161-11-4760	O RING (K1)	8	SN: 10057-10113
21	6166-61-6870	WASHER	8	SN: 10057-UP
22	01010-80820	BOLT	8	SN: 10057-UP
23	01640-20816	WASHER	8	SN: 10057-UP

Reference: A1310-B8A9

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