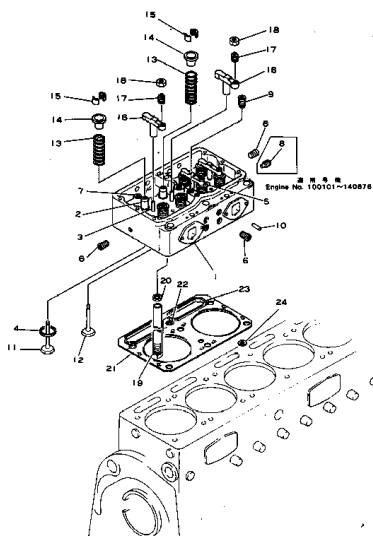


FIG. 101 CYLINDER HEAD



Reference: 101

030010 CYLINDER HEAD

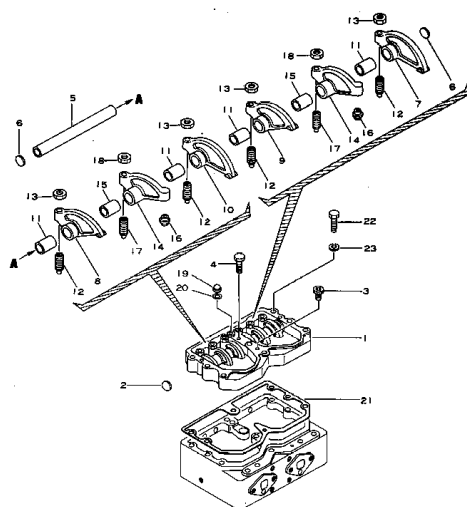
Item	Part No.	Part Name	Qty	Options
	6620-10-1001	CYLINDER HEAD ASS'Y	3	SN: 152892-UP
	6620-10-1000	□ CYLINDER HEAD ASS'Y	3	SN: 143358-152891
	6620-10-1101	• CYLINDER HEAD ASS'Y	1	SN: 152892-UP
	6620-10-1100	• □ CYLINDER HEAD ASS'Y	1	SN: 143358-152891
1	6610-11-1111	•• HEAD,CYLINDER	1	SN: 143358-UP
2	6610-11-1311	•• GUIDE,VALVE	8	SN: .-UP
	6610-11-1310	•• □ GUIDE,VALVE	8	SN: 143358-.
	6610-12-1311	•• △ GUIDE,VALVE	8	SN: .-UP
3	6610-11-1140	•• GUIDE,CROSSHEAD	4	SN: 143358-UP
4	6610-11-1220	•• INSERT (STD)	4	SN: 152892-UP
	6610-11-1120	•• □ INSERT (STD)	4	SN: 143358-152891
	6610-19-1220	•• INSERT ? 0.13MM (OS)	4	SN: 152892-UP
	6610-19-1120	•• □ INSERT ? 0.13MM (OS)	4	SN: 143358-152891
	6610-18-1220	•• INSERT ? 0.25MM (OS)	4	SN: 152892-UP
	6610-18-1120	•• □ INSERT ? 0.25MM (OS)	4	SN: 143358-152891
	6610-17-1220	•• INSERT ? 0.50MM (OS)	4	SN: 152892-UP
	6610-17-1120	•• □ INSERT ? 0.50MM (OS)	4	SN: 143358-152891
	6610-16-1220	•• INSERT ? 0.75MM (OS)	4	SN: 152892-UP
	6610-16-1120	•• □ INSERT ? 0.75MM (OS)	4	SN: 143358-152891
	6610-15-1220	•• INSERT ? 1.00MM (OS)	4	SN: 152892-UP
	6610-15-1120	•• □ INSERT ? 1.00MM (OS)	4	SN: 143358-152891
5	6610-11-1130	•• SLEEVE,INJECTOR	2	SN: 143358-UP
6	02720-41616	•• PLUG	6	SN: 148216-UP
	02720-21616	•• □ PLUG	6	SN: 143358-148215
7	6610-11-1461	•• PLUG	2	SN: 148562-UP
	6610-11-1460	•• □ PLUG	2	SN: 143358-148561
9	6600-01-1711	•• PLUG	1	SN: .-UP
	02720-10204	•• □ PLUG	1	SN: 143358-.
10	6610-11-1420	•• PIN,DOWEL	2	SN: 143358-UP
11	6610-41-4210	• VALVE,EXHAUST	4	SN: 143358-UP
12	6610-41-4110	• VALVE,INTAKE	4	SN: 143358-UP
13	6610-41-4410	• SPRING,VALVE	8	SN: 143358-UP
14	6610-41-4510	• GUIDE,VALVE SPRING	8	SN: 143358-UP
15	6600-01-3910	• COLLET,HALF ? VALVE	16	SN: 143358-UP

Item	Part No.	Part Name	Qty	Options
16	6610-41-5610	CROSSHEAD,VALVE	12	SN: 143358-UP
17	6610-41-5620	SCREW,ADJUSTING	12	SN: 143358-UP
18	6710-41-5630	NUT	12	SN: 143358-UP
19	6610-21-2610	PIPE,OIL	3	SN: 143358-UP
20	6610-11-1711	GASKET (K1)	3	SN: .-UP
	6610-11-1710	□ GASKET (K1)	3	SN: 143358-.
21	6610-11-1811	GASKET,CYLINDER HEAD (K1)	3	SN: 143358-UP
22	6610-11-1840	• GROMMET	1	SN: 143358-UP
23	6610-11-1830	• RING	2	SN: 143358-UP
24	6610-11-1821	• GROMMET	8	SN: 143358-UP

Catalog signs: □ part above may be used instead △ semi-finished: additional work required

Reference: 101

FIG. 103 ロッカーアームおよびハウジング
ROCKER ARM AND HOUSING



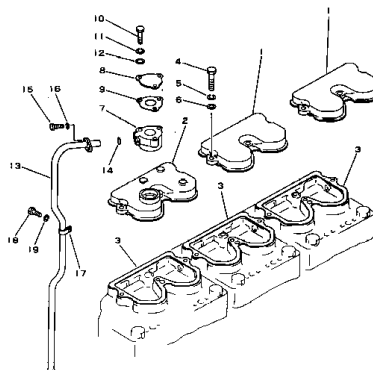
Reference: 103

030020 ROCKER ARM AND HOUSING

Item	Part No.	Part Name	Qty	Options
	6620-11-7010	HOUSING ASS'Y,ROCKER ARM	3	SN: 143358-UP
	6610-11-7020	• HOUSING ASS'Y,ROCKER ARM	1	SN: 143358-UP
1		• ☆ HOUSING,ROCKER ARM	1	SN: 143358-UP
2	6710-11-7150	• PLUG,EXPANSION	2	SN: 143358-UP
3	6610-11-7140	• PLUG,VENTILATOR	1	SN: 143358-UP
4	6710-11-7330	• SCREW	1	SN: 143358-UP
	6610-41-5020	• SHAFT ASS'Y,ROCKER ARM	1	SN: 143358-UP
5		• ☆ SHAFT	1	SN: 143358-UP
6	6610-41-5220	• PLUG	2	SN: 143358-UP
	6610-41-5030	• ARM ASS'Y,(A) ? (D)	2	SN: 143358-UP
	6610-41-5050	• ARM ASS'Y,(B) ? (C)	2	SN: 143358-UP
	6610-41-5040	• ARM ASS'Y,(A) ? (D)	1	SN: 143358-UP
	6610-41-5060	• ARM ASS'Y,(B) ? (C)	1	SN: 143358-UP
7		• ☆ ARM,(A)	1	SN: 143358-UP
8		• ☆ ARM,(B)	1	SN: 143358-UP
9		• ☆ ARM,(C)	1	SN: 143358-UP
10		• ☆ ARM,(D)	1	SN: 143358-UP
11	6610-41-5330	• BUSHING	1	SN: 143358-UP
12	6610-41-5350	• SCREW,ADJUSTING	1	SN: 143358-UP
13	6610-41-5360	• NUT	1	SN: 143358-UP
	6610-41-5070	• ARM ASS'Y,INJECTOR	2	SN: 143358-UP
	6610-41-5080	• ARM ASS'Y,INJECTOR	1	SN: 143358-UP
14		• ☆ ARM,INJECTOR	1	SN: 143358-UP
15	6710-41-5531	• BUSHING	1	SN: 163749-UP
	6710-41-5530	• □ BUSHING	1	SN: 143358-163748
16	6610-41-5540	• SOCKET,ADJUSTING	1	SN: 143358-UP
17	6610-41-5550	• SCREW	1	SN: 143358-UP
18	6600-01-2510	• NUT	1	SN: 143358-UP
19	6610-11-7310	CAP,OIL PIPE	3	SN: 143358-UP
20	6610-11-7320	GASKET (K1)	3	SN: 143358-UP
21	6610-11-7811	GASKET (K1)	3	SN: 143358-UP
22	02010-20889	BOLT	19	SN: 143358-UP
23	02310-11632	WASHER,SPRING	19	SN: 143358-UP

Catalog signs: ☆ not supplied separately: assembly only □ part above may be used instead

FIG. 106 ロッカーアームハウジングカバー
FIG. 106 ROCKER ARM HOUSING COVER



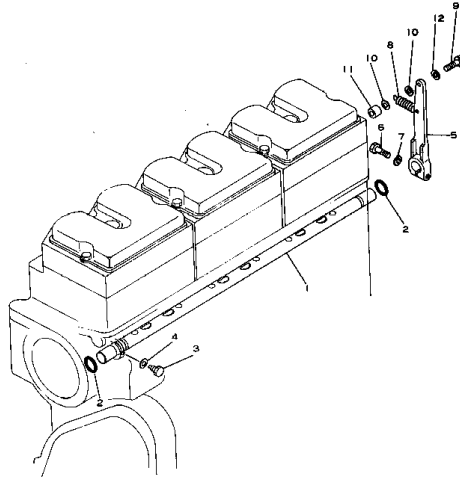
Reference: 106

030030 ROCKER ARM HOUSING COVER

Item	Part No.	Part Name	Qty	Options
1	6610-11-8120	COVER,ROCKER ARM HOUSING	2	SN: 143358-UP
2	6685-11-8111	COVER,ROCKER ARM HOUSING	1	SN: 143358-UP
3	6610-11-8810	GASKET (K1)	3	SN: 143358-UP
4	02010-20632	BOLT	9	SN: 143358-UP
5	02310-11224	WASHER,SPRING	9	SN: 143358-UP
6	02300-11320	WASHER	9	SN: 143358-UP
	6710-21-7400	BREATHER ASS'Y,CYLINDER BLOCK	1	SN: 143358-UP
7	6685-21-7410	• BODY,BREATHER	1	SN: 143358-UP
8	6685-21-7420	• COVER	1	SN: 143358-UP
9	6685-21-7430	• GASKET (K1)	1	SN: 143358-UP
10	02010-20422	• BOLT	3	SN: 143358-UP
11	02310-10916	• WASHER,SPRING	3	SN: 143358-UP
12	02300-10920	• WASHER	3	SN: 143358-UP
13	6678-21-7610	PIPE,BREATHER	1	SN: 143358-UP
14	07000-03020	O-RING (K1)	1	SN: 143358-UP
15	02010-30522	BOLT	2	SN: 143358-UP
16	02310-01020	WASHER,SPRING	2	SN: 143358-UP
17	6693-22-7640	CLAMP	1	SN: 143358-UP
18	02030-20919	BOLT	1	SN: 143358-UP
19	02310-01836	WASHER,SPRING	1	SN: 143358-UP

Reference: 106

コンプレッション リリース
FIG. 107 COMPRESSION RELEASE



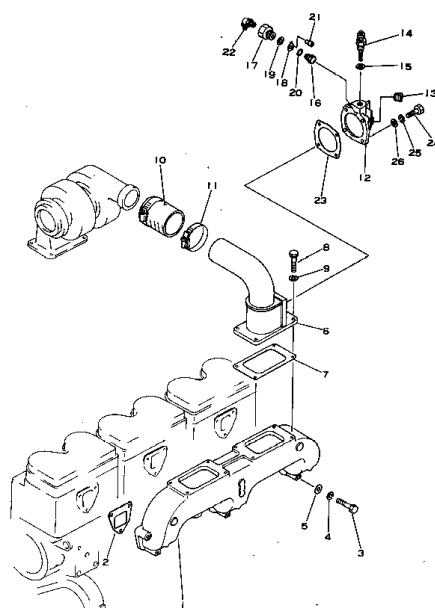
Reference: 107

030040 COMPRESSION RELEASE

Item	Part No.	Part Name	Qty	Options
1	6623-41-8113	SHAFT,COMPRESSION RELEASE	1	SN: 143358-UP
2	02891-02016	O-RING (K1)	2	SN: 143358-UP
3	6610-41-8710	BOLT	1	SN: 143358-UP
4	6600-01-2620	WASHER	1	SN: 143358-UP
5	6610-41-8215	LEVER,COMPRESSION RELEASE	1	SN: 143358-UP
6	02010-50738	BOLT	1	SN: 143358-UP
7	01602-01134	WASHER,SPRING	1	SN: 143358-UP
8	6610-41-8220	SPRING	1	SN: 143358-UP
9	02030-20516	BOLT	1	SN: 143358-UP
10	02300-11120	WASHER	2	SN: 143358-UP
11	6691-41-8230	SPACER	1	SN: 143358-UP
12	02310-11020	WASHER,SPRING	1	SN: 143358-UP

Reference: 107

エア- インテーク マニホールド および コネクション
FIG. 113 AIR INTAKE MANIFOLD AND CONNECTION



Reference: 113

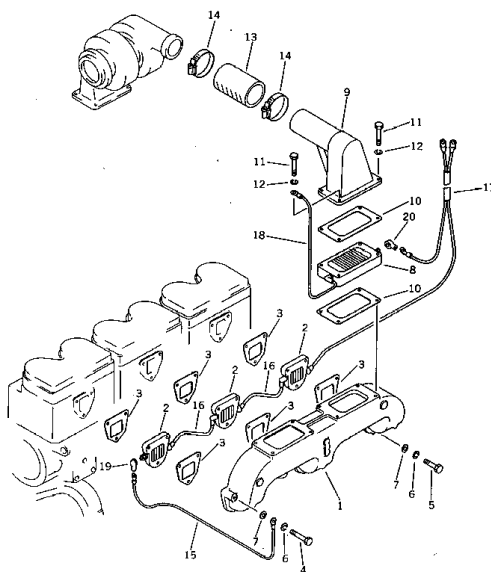
030050 AIR INTAKE MANIFOLD AND CONNECTION

Item	Part No.	Part Name	Qty	Options
1	6678-11-4130	MANIFOLD,AIR INTAKE	1	SN: 143358-UP
2	6610-11-4812	GASKET (K1)	3	SN: 143358-UP
	6610-11-4811	☒ GASKET (K1)	3	SN: (143358-.)
3	6645-13-4191	BOLT	9	SN: 143358-UP
4	02310-11224	WASHER,SPRING	9	SN: 143358-UP
5	02300-11320	WASHER	9	SN: 143358-UP
6	6631-12-4230	CONNECTOR	1	SN: 143358-UP
7	6645-11-4221	GASKET (K1)	1	SN: 143358-UP
8	02010-20632	BOLT	4	SN: 143358-UP
9	02310-11224	WASHER,SPRING	4	SN: 143358-UP
10	6693-12-4710	HOSE	1	SN: 143358-UP
11	07281-01159	CLAMP	2	SN: 143358-UP
12	6675-11-4950	COVER	1	SN: 143358-UP
13	02720-20204	PLUG	1	SN: 143358-UP
14	600-815-2110	GLOW PLUG	1	SN: 143358-UP
15	600-815-2190	• GASKET	1	SN: 143358-UP
	6610-81-4103	NOZZLE ASS'Y,PREHEATER	1	SN: 143358-UP
16	6610-81-4112	• NOZZLE ASS'Y,PREHEATER	1	SN: 143358-UP
17	6610-81-4132	• ADAPTER	1	SN: 143358-UP
18	6610-81-4120	• PLATE	1	SN: 143358-UP
19	6610-81-4150	• GASKET	1	SN: 143358-UP
20	6610-81-4240	• O-RING	1	SN: 143358-UP
21	6610-81-4140	• PIN	1	SN: 143358-UP
22	6610-81-8820	ELBOW	1	SN: 143358-UP
23	6675-11-4960	GASKET (K1)	1	SN: 143358-UP
24	01010-30825	BOLT	4	SN: 143358-UP
25	01602-00825	WASHER,SPRING	4	SN: 143358-UP
26	01641-00812	WASHER	4	SN: 143358-UP

Catalog signs: ☒ discontinued: use part above

Reference: 113

エア インテーク マニホールド および リボン ヒーター
FIG. 114 AIR INTAKE MANIFOLD AND RIBBON HEATER



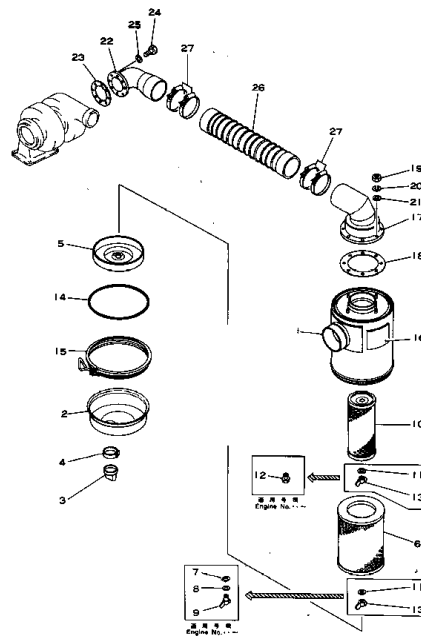
Reference: 114

030060 AIR INTAKE MANIFOLD AND RIBBON HEATER

Item	Part No.	Part Name	Qty	Options
1	6678-11-4140	MANIFOLD,AIR INTAKE	1	SN: 143358-UP
2	600-815-2810	HEATER,RIBBON	3	SN: 143358-UP
3	6610-11-4812	GASKET (K1)	6	SN: 143358-UP
4	02010-70683	BOLT	6	SN: 143358-UP
5	02010-70651	BOLT	3	SN: 143358-UP
6	02310-11224	WASHER,SPRING	9	SN: 143358-UP
7	02300-11320	WASHER	9	SN: 143358-UP
8	600-815-2870	HEATER,RIBBON	1	SN: 143358-UP
9	6631-12-4270	CONNECTOR,AIR	1	SN: 143358-UP
10	6645-11-4230	GASKET (K1)	2	SN: 143358-UP
11	02010-70670	BOLT	4	SN: 143358-UP
12	02310-11224	WASHER,SPRING	4	SN: 143358-UP
13	6693-12-4710	HOSE	1	SN: 143358-UP
14	600-714-1250	CLAMP	2	SN: 143358-UP
15	6678-81-4340	WIRE ? 170MM	1	SN: 143358-UP
16	6678-81-4330	WIRE ? 350MM	2	SN: 143358-UP
17	6678-81-4360	WIRE	1	SN: 143358-UP
18	6678-81-4340	WIRE ? 170MM	1	SN: 143358-UP
19	08038-00519	CAP	7	SN: 143358-UP
20	08038-02027	CAP	1	SN: 143358-UP

Reference: 114

FIG. 118 AIR CLEANER AND CONNECTION



Reference: 118

030070 AIR CLEANER AND CONNECTION

Item	Part No.	Part Name	Qty	Options
	6678-81-7202	AIR CLEANER ASS'Y	1	SN: .-UP
	6678-81-7201	□ AIR CLEANER ASS'Y	1	SN: 143358-.
1	6678-81-7211	• BODY,AIR CLEANER	1	SN: 143358-.
2	6678-81-7220	• CAP	1	SN: 143358-UP
3	6112-81-7810	• VALVE	1	SN: 143358-UP
4	6112-81-7820	• CLAMP	1	SN: 143358-UP
5	6678-81-7230	• BUFFLE	1	SN: 143358-UP
	6125-81-7032	• ELEMENT ASS'Y	1	SN: .-UP
	6125-81-7031	• □ ELEMENT ASS'Y	1	SN: 143358-.
6	600-181-4300	•• ELEMENT ASS'Y,OUTER	1	SN: .-UP
	600-181-4311	•• ELEMENT,OUTER	1	SN: 143358-.
	600-181-4311	••• ELEMENT	1	SN: .-UP
7	04064-01510	••• RING,SNAP	1	SN: .-UP
8	600-181-4591	••• WASHER,SEAL	1	SN: .-UP
9	600-181-1990	••• NUT,WING	1	SN: .-UP
10	600-181-4212	•• ELEMENT,INNER	1	SN: .-UP
	600-181-4211	•• □ ELEMENT,INNER	1	SN: 143358-.
11	600-181-7511	•• WASHER,SEAL	1	SN: .-UP
	600-181-4591	•• WASHER,SEAL	2	SN: 143358-.
12	600-181-9671	•• NUT	1	SN: .-UP
13	600-181-4581	• NUT,WING	2	SN: 143358-.
14	6127-81-7190	• O-RING	1	SN: 143358-UP
15	6127-81-7161	• CLAMP	1	SN: 143358-UP
16	09641-00160	PLATE ? INSTRUCTION	1	SN: 143358-UP
17	234-977-6150	TUBE	1	SN: 143358-UP
18	6127-81-4821	GASKET (K1)	1	SN: 143358-UP
19	01580-01008	NUT,SPRING	4	SN: 143358-UP
20	01602-01030	WASHER	4	SN: 143358-UP
21	01641-21016	WASHER	4	SN: 143358-UP
22	234-977-6140	TUBE	1	SN: 143358-UP
23	6655-12-4830	GASKET (K1)	1	SN: 143358-UP
24	02010-20525	BOLT	8	SN: 143358-UP
25	01602-00825	WASHER,SPRING	8	SN: 143358-UP
26	234-977-6160	HOSE	1	SN: 143358-UP

Item	Part No.	Part Name	Qty	Options
27	07281-01589	CLAMP	4	SN: 143358-UP

Catalog signs: ☐ part above may be used instead

Reference: 118

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