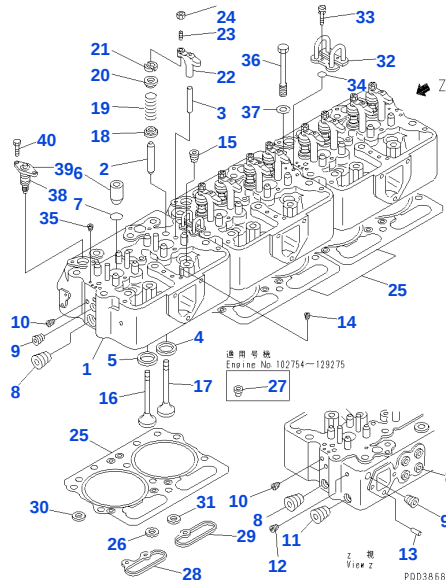




Reference: 101

030010 CYLINDER HEAD

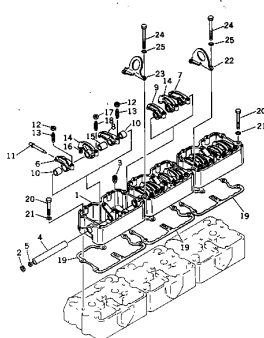
Item	Part No.	Part Name	Qty	Options
1	6710-11-1013	CYLINDER HEAD A.,WITH VALVE	3	SN: 160238-UP
	6710-11-1012	□ CYLINDER HEAD A.,WITH VALVE	3	SN: 142327-160237
	6710-11-1011	□ CYLINDER HEAD A.,WITH VALVE	3	SN: 139829-142326
	6710-11-1010	□ CYLINDER HEAD A.,WITH VALVE	3	SN: 102754-139828
	6710-11-1004	• CYLINDER HEAD A.,LESS VALVE	1	SN: 160238-UP
	6710-11-1003	• □ CYLINDER HEAD A.,LESS VALVE	1	SN: 142327-160237
	6710-11-1002	• □ CYLINDER HEAD A.,LESS VALVE	1	SN: 139829-142326
	6710-11-1001	• □ CYLINDER HEAD A.,LESS VALVE	1	SN: 116936-139828
	6710-11-1000	• □ CYLINDER HEAD A.,LESS VALVE	1	SN: 102754-116935
		• ☆ HEAD	1	SN: 139829-UP
2	6710-11-1311	• GUIDE	8	SN: 142327-UP
	6710-11-1310	• □ GUIDE	8	SN: 102754-142326
3	6610-11-1140	• GUIDE	4	SN: 102754-UP
4	6710-11-1120	• △ INSERT,EXHAUST	4	SN: 102754-UP
5	6711-11-1120	• △ INSERT,INTAKE	4	SN: 102754-UP
6	6710-11-1130	• SLEEVE	2	SN: 102754-UP
7	6710-11-3220	• O-RING (K1)	2	SN: 102754-UP
8	6710-11-1421	• PLUG	6	SN: 160238-UP
	6710-11-1420	• □ PLUG	6	SN: 139829-160237
9	02720-21214	• PLUG	6	SN: 102754-139828
	02720-40607	• PLUG	2	SN: 102754-UP
10	02720-40204	• PLUG	4	SN: 139860-UP
	02720-20204	• □ PLUG	4	SN: 102754-139859
11	6710-11-1411	• PLUG	1	SN: 160238-UP
	6710-11-1410	• □ PLUG	1	SN: 139829-160237
12	02720-20810	• PLUG	1	SN: 102754-139828
	6610-11-1470	• PLUG	1	SN: 102754-UP
13	6610-11-1420	• PIN	2	SN: 102754-UP
14	02720-40104	• PLUG	1	SN: .-UP
	02720-20104	• □ PLUG	1	SN: 102754-.
15	6710-11-1431	• PLUG	2	SN: 160238-UP
	6710-11-1430	• □ PLUG	4	SN: 139829-160237
16	02720-21616	• PLUG	2	SN: 102754-139828
	6710-41-4210	• VALVE,INTAKE	4	SN: .-UP
17	CU145701	• □ VALVE,INTAKE	4	SN: 102754-.
	6710-41-4210	• VALVE,EXHAUST	4	SN: 102754-UP
18	6710-41-4530	• GUIDE	8	SN: 102754-UP
19	6710-41-4410	• SPRING	8	SN: 102754-UP
20	6710-41-4511	• GUIDE	8	SN: 127599-UP
	6710-41-4510	• □ RETAINER	8	SN: 102754-127598
21	6710-41-3910	• COLLET	16	SN: 102754-UP
22	6710-41-5610	CROSSHEAD	12	SN: 102754-UP
23	6610-41-5620	SCREW	12	SN: 102754-UP
24	6710-41-5630	NUT	12	SN: 102754-UP

Item	Part No.	Part Name	Qty	Options
	6710-11-1812	GASKET (K1)	3	SN: 194359-UP
	6710-11-1811	□ GASKET (K1)	3	SN: 139836-194358
	6710-11-1080	GASKET (K1)	3	SN: 102754-139835
25	6710-11-1810	• GASKET	1	SN: 102754-139835
26	6710-11-1860	• GROMMET	1	SN: 102754-UP
27	6610-11-1850	• RETAINER (K1)	8	SN: 120754-129275
28	6710-11-1830	• RING	1	SN: 102754-UP
29	6710-11-1850	• RING	1	SN: 102754-UP
30	6710-11-1840	GROMMET	1	SN: 139836-UP
	6610-11-1840	GROMMET	1	SN: 102754-139835
31	6610-11-1822	GROMMET	8	SN: 194359-UP
	6610-11-1821	□ GROMMET	8	SN: 129276-194358
	6610-11-1820	GROMMET	8	SN: 102754-129275
32	6710-71-8310	TUBE	2	SN: 102754-UP
33	6710-71-8320	SCREW	8	SN: 102754-UP
34	6710-71-8330	O-RING (K1)	8	SN: 102754-UP
35	02720-40104	PLUG	4	SN: 139860-UP
	02720-20104	□ PLUG	4	SN: 102754-139859
36	6710-11-1610	BOLT	36	SN: 102754-UP
37	6710-11-1650	WASHER	36	SN: 102754-UP
38	6710-11-3010	INJECTOR ASS'Y,(SEE FIG.421)	6	SN: 102754-UP
39	6710-11-3920	CLAMP,(SEE FIG.421)	6	SN: 102754-UP
40	6710-11-3910	BOLT,(SEE FIG.421)	12	SN: 102754-UP

Catalog signs: □ part above may be used instead ☆ not supplied separately: assembly only △ semi-finished: additional work required

Reference: 101

Fig. 103 ROCKER ARM AND HOUSING



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Reference: 103

030020 ROCKER ARM AND HOUSING

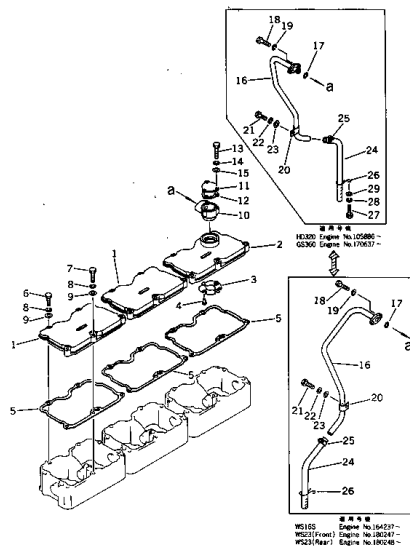
Item	Part No.	Part Name	Qty	Options
1	6710-11-7012	HOUSING ASS'Y	3	SN: 155792-UP
	6710-11-7010	□ HOUSING ASS'Y	3	SN: 102754-155791
	6710-11-7021	• HOUSING ASS'Y	1	SN: 155792-UP
	6710-11-7020	• □ HOUSING ASS'Y	1	SN: 102754-155791
		• • ☆ HOUSING	1	SN: 155792-UP
2		• • ☆ HOUSING	1	SN: 102754-155791
		• • PLUG	2	SN: 102754-UP
3	6711-11-7330	• SCREW	1	SN: 155792-UP
	6710-11-7330	• □ SCREW	1	SN: 102754-155791
	6610-41-5020	• SHAFT ASS'Y	1	SN: 102754-UP
4		• • ☆ SHAFT	1	SN: 102754-UP
5	6610-41-5220	• • PLUG	2	SN: 102754-UP
	6710-41-5031	• ARM ASS'Y,EXHAUST	1	SN: 155792-UP
	6710-41-5030	• □ ARM ASS'Y,EXHAUST	1	SN: 102754-155791
	6710-41-5311	• • ARM ASS'Y	1	SN: 155792-UP
	6710-41-5310	• • □ ARM ASS'Y	1	SN: 102754-155791
6		• • • ☆ ARM	1	SN: 155792-UP
		• • • ☆ ARM	1	SN: 102754-155791
10	6610-41-5330	• • • BUSHING	1	SN: 102754-UP
11	6710-41-5340	• • • RIVET	1	SN: 102754-UP
	6710-41-5041	• ARM ASS'Y,EXHAUST	1	SN: 155792-UP
	6710-41-5040	• □ ARM ASS'Y,EXHAUST	1	SN: 102754-155791
	6710-41-5411	• • ARM ASS'Y	1	SN: 155792-UP
	6710-41-5410	• • □ ARM ASS'Y	1	SN: 102754-155791
7		• • • ☆ ARM	1	SN: 155792-UP
		• • • ☆ ARM	1	SN: 102754-155791
10	6610-41-5330	• • • BUSHING	1	SN: 102754-UP
11	6710-41-5340	• • • RIVET	1	SN: 102754-UP
	6710-41-5070	• ARM ASS'Y,INTAKE	1	SN: 102754-UP
	6710-41-5710	• • ARM ASS'Y	1	SN: 102754-UP
8		• • • ☆ ARM	1	SN: 102754-UP
10	6610-41-5330	• • • BUSHING	1	SN: 102754-UP
11	6710-41-5340	• • • RIVET	1	SN: 102754-UP
	6710-41-5080	• ARM ASS'Y,INTAKE	1	SN: 102754-UP
	6710-41-5810	• • ARM ASS'Y	1	SN: 102754-UP
9		• • • ☆ ARM	1	SN: 102754-UP
		• • • BUSHING	1	SN: 102754-UP
11	6710-41-5340	• • • RIVET	1	SN: 102754-UP
	6710-41-5360	• • NUT	1	SN: 105390-UP
	02215-10811	• • □ NUT	1	SN: 102754-105389
13	6710-41-5351	• • SCREW	1	SN: 102756-UP
	6710-41-5350	• • □ SCREW	1	SN: 102754-102755
	6710-41-5050	• ARM ASS'Y,INJECTOR	2	SN: 102754-UP
	6710-41-5510	• • ARM ASS'Y	1	SN: 102754-UP
		• • • ☆ ARM	1	SN: 164716-UP
14		• • • ☆ ARM	1	SN: 102754-164715

Item	Part No.	Part Name	Qty	Options
15	6710-41-5531	••• BUSHING	1	SN: 164716-UP
	6710-41-5530	••• BUSHING	1	SN: 102754-164715
16	6710-41-5540	••• SOCKET	1	SN: 102754-UP
17	6710-41-5360	•• NUT	1	SN: 105390-UP
	02215-10811	•• □ NUT	1	SN: 102754-105389
18	6710-41-5351	•• SCREW	1	SN: 102756-UP
	6710-41-5350	•• □ SCREW	1	SN: 102754-102755
19	6710-11-7810	GASKET (K1)	3	SN: 102754-UP
20	6710-11-7350	BOLT	14	SN: 102754-UP
21	6710-11-7160	WASHER	14	SN: 102754-UP
22	6710-11-1620	BRACKET	1	SN: 102754-UP
23	6710-11-1620	BRACKET	1	SN: .-UP
	6710-11-1630	□ BRACKET	1	SN: 102754-.
24	02011-70827	BOLT	4	SN: 102754-UP
25	02310-11632	WASHER	4	SN: .-UP
	02310-01632	□ WASHER	4	SN: 102754-.

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

Reference: 103

Fig. 105 RÖCKER ARM HOUSING COVER



1-10

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Reference: 105

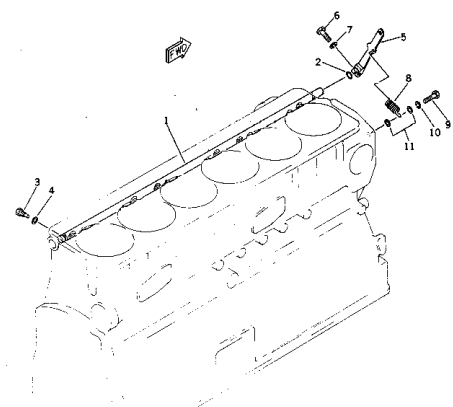
030030 ROCKER ARM HOUSING COVER

Item	Part No.	Part Name	Qty	Options
1	6710-11-8120	COVER	2	SN: 102754-UP
	6710-11-8201	BREATHER ASS'Y	1	SN: 102754-UP
2	6710-11-8111	• COVER	1	SN: 102754-UP
3	6710-11-8212	• BAFFLE	1	SN: 102754-UP
4	04400-00616	• RIVET	2	SN: 102754-UP
5	6710-11-8810	GASKET (K1)	3	SN: 102754-UP
6	02010-70625	BOLT	6	SN: 102754-UP
7	02010-70651	BOLT	9	SN: 102754-UP
8	02310-11224	WASHER	15	SN: 102754-UP
9	02300-11320	WASHER	15	SN: 102754-UP
	6710-21-7400	BREATHER ASS'Y	1	SN: 102754-UP
10	6685-21-7410	• BODY	1	SN: 102754-UP
11	6685-21-7420	• COVER	1	SN: 102754-UP
12	6685-21-7430	• GASKET (K1)	1	SN: 102754-UP
13	02010-70422	• BOLT	3	SN: .-UP
	02010-30422	• □ BOLT	3	SN: 102754-.
14	02310-10916	• WASHER	3	SN: 102754-UP
15	02300-10916	• WASHER	3	SN: 102754-UP
16	6710-21-7620	PIPE	1	SN: 102754-UP
17	07000-03020	O-RING (K1)	1	SN: .-UP
	6600-01-1410	□ O-RING	1	SN: 102754-.
18	02010-70522	BOLT	2	SN: 102754-UP
19	01602-00825	WASHER	2	SN: 102754-UP
20	6693-22-7640	CLAMP	1	SN: 102754-UP
21	02010-70825	BOLT	1	SN: 102754-UP
22	01602-01338	WASHER	1	SN: 102754-UP
23	01640-21323	WASHER	1	SN: 102754-UP
24	07260-22055	HOSE	1	SN: .-UP
	07260-02055	□ HOSE	1	SN: 105886-.
25	07280-03423	CLAMP	1	SN: 105886-UP
26	6710-21-7640	CLIP	1	SN: 105886-UP
27	02030-50738	BOLT	1	SN: 105886-UP
28	01602-01134	WASHER	1	SN: 105886-UP
29	01640-21123	WASHER	1	SN: 105886-UP

Catalog signs: ☐ part above may be used instead

Reference: 105

Fig. 107 コンプレッション リリース (HD320 ■用 ■機 ■) Engine No. 102754-- 102767



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Ⓢ NTA-855

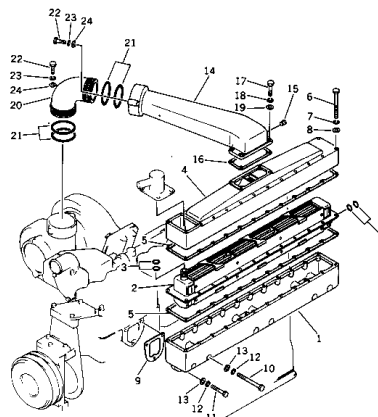
Reference: 107

030040 COMPRESSION RELEASE(#102754-102767)

Item	Part No.	Part Name	Qty	Options
1	6710-41-8120	SHAFT	1	SN: 102754-102767
2	02891-02016	O-RING (K2)	1	SN: 102754-102767
3	6610-41-8710	BOLT	1	SN: 102754-102767
4	6600-01-2620	WASHER	1	SN: 102754-102767
5	6610-41-8210	LEVER	1	SN: 102754-102767
6	02010-70638	BOLT	1	SN: 102754-102767
7	02310-11224	WASHER	1	SN: 102754-102767
8	6710-41-8221	SPRING	1	SN: 102754-102767
9	02030-70516	BOLT	1	SN: 102754-102767
10	02310-11020	WASHER	1	SN: 102754-102767
11	02300-11120	WASHER	2	SN: 102754-102767

Reference: 107

Fig. 111 AIR INTAKE MANIFOLD AND AFTER COOLER
(HD320 Engine No. 102754~)



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Reference: 111

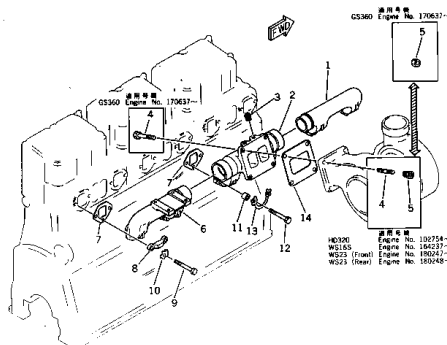
030050 AIR INTAKE MANIFOLD AND AFTER COOLER

Item	Part No.	Part Name	Qty	Options
	6710-11-4103	AFTER COOLER ASS'Y	1	SN: 136150-UP
	6710-11-4102	■ AFTER COOLER ASS'Y (6710-11-4103{01010-30830(4) ?} 01602-00825(4){01640-20816(4)})	1	SN: 116939-136149
	6710-11-4101	□ AFTER COOLER ASS'Y	1	SN: 102756-116938
	6710-11-4100	□ AFTER COOLER ASS'Y	1	SN: 102754-102755
1	6710-11-4110	• HOUSING	1	SN: 102754-UP
2	6710-61-6112	• CORE	1	SN: 116939-UP
	6710-61-6111	• □ CORE	1	SN: 102756-116938
	6710-61-6110	• □ CORE	1	SN: 102754-102755
3	6710-61-6340	• O-RING (K1)	4	SN: 102754-UP
4	6710-11-4120	• COVER	1	SN: 102754-UP
5	6128-11-4720	• GASKET (K1)	2	SN: 136150-UP
	6710-11-4821	• GASKET (K1)	2	SN: 102756-136149
	6710-11-4820	• □ GASKET	2	SN: 102754-102755
6	02011-70502	• BOLT	20	SN: 102754-UP
7	02310-11020	• WASHER	20	SN: .-UP
	02310-01020	• □ WASHER	20	SN: 102754-.
8	01642-20810	• WASHER	20	SN: 102754-UP
9	6610-11-4812	GASKET (K1)	3	SN: 151214-UP
	6710-11-4811	□ GASKET (K1)	3	SN: 127581-151213
	6710-11-4810	□ GASKET	3	SN: 102754-127580
10	02011-70627	BOLT	6	SN: .-UP
	02011-60627	□ BOLT	6	SN: 102754-.
11	02010-70638	BOLT	3	SN: 102754-UP
12	02310-11224	WASHER	9	SN: .-UP
	02310-01224	□ WASHER	9	SN: 102754-.
13	02300-11320	WASHER	9	SN: .-UP
	02300-01320	□ WASHER	9	SN: 102754-.
14	6710-11-4230	PIPE	1	SN: 102754-UP
15	02720-20204	PLUG	1	SN: 102754-UP
16	6710-11-4221	GASKET (K1)	1	SN: 102756-UP
	6710-11-4220	□ GASKET	1	SN: 102754-102755
17	01010-30830	BOLT	4	SN: 136150-UP

Item	Part No.	Part Name	Qty	Options
18	02010-70638	BOLT	4	SN: 102754-136149
	01602-00825	WASHER	4	SN: 136150-UP
	01602-00929	WASHER	4	SN: 102754-136149
19	01640-20816	WASHER	4	SN: 136150-UP
	01640-21016	WASHER	4	SN: 102754-136149
20	6710-11-4721	ELBOW	1	SN: 155099-UP
	6710-11-4720	☐ ELBOW	1	SN: 102754-155098
21	07000-65095	O-RING (K1)	4	SN: 102754-UP
22	01010-30820	BOLT	4	SN: 102754-UP
23	01602-00825	WASHER	4	SN: 102754-UP
24	6710-11-4780	PLATE (K1)	4	SN: 102754-UP

Catalog signs: ☒ may be used instead of described part ☐ part above may be used instead

Reference: 111



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④ NTA-555

030060 EXHAUST MANIFOLD

Item	Part No.	Part Name	Qty	Options
1	6710-11-5111	MANIFOLD	1	SN: 147151-UP
	6710-11-5110	☐ MANIFOLD	1	SN: 102754-147150
	6710-11-5010	MANIFOLD ASS'Y	1	SN: 102754-UP
2	6710-11-5191	• MANIFOLD	1	SN: 102774-UP
	6710-11-5190	• ☐ MANIFOLD	1	SN: 102754-102773
3	07042-00211	• PLUG	2	SN: 102754-UP
4	6128-11-5240	• STUD	4	SN: 102754-UP
5	6710-81-2920	• NUT	4	SN: 102754-UP
6	6710-11-5150	MANIFOLD	1	SN: 148494-UP
	6686-12-5110	☐ MANIFOLD	1	SN: 102754-148493
7	6685-11-5811	GASKET (K1)	6	SN: 144973-UP
	6685-11-5810	☐ GASKET (K1)	6	SN: 102754-144972
8	6610-11-5211	CLAMP	2	SN: 102754-UP
9	02011-80702	BOLT	4	SN: .-UP
	02011-70702	☐ BOLT	4	SN: 102754-.
10	6610-11-5220	PLATE (K1)	4	SN: 102754-UP
11	6685-11-5230	WASHER	8	SN: 102754-UP
12	02010-80738	BOLT	8	SN: .-UP
	02010-70738	☐ BOLT	8	SN: 102754-.
13	6710-11-5220	PLATE (K1)	4	SN: 102754-UP
14	6127-81-2810	GASKET (K1)	1	SN: 102754-UP

Reference: 121

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