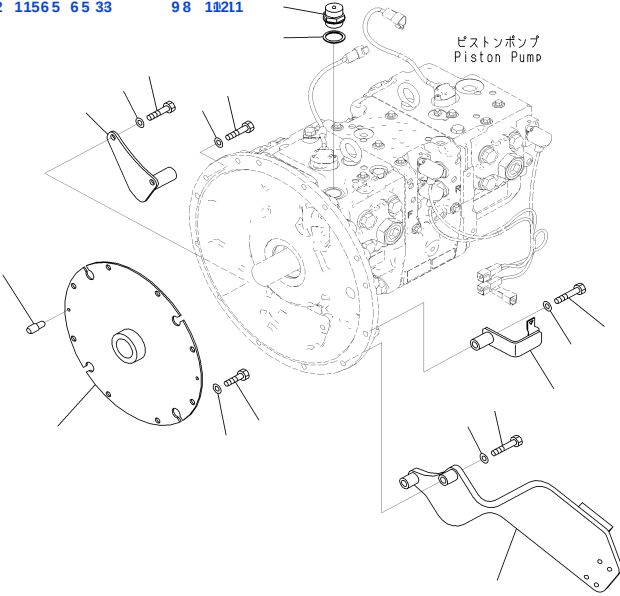


2 11565 65 33

98 18211



28 19300

Reference: A0190-001001

A-002 A0190-001001 DAMPER

Item	Part No.	Part Name	Qty	Options
1	22U-01-21310	DAMPER	1	
2	203-01-51120	PIN	2	
3	01010-81020	BOLT	8	
4	01643-31032	WASHER	8	
5	01010-81050	BOLT	11	
6	01643-31032	WASHER	11	
7	2A6-62-11690	BRACKET	1	
8	01010-81085	BOLT	2	
9	01643-31032	WASHER	2	
10	2A5-06-11361	BRACKET	1	
11	01010-81090	BOLT	1	
12	01643-31032	WASHER	1	
13	22U-62-53960	BREATHER	1	
14	07005-03016	SEAL, WASHER	1	
15	20Y-62-41572	BRACKET	1	

Reference: A0190-001001

2 11565 68 33 98 11211

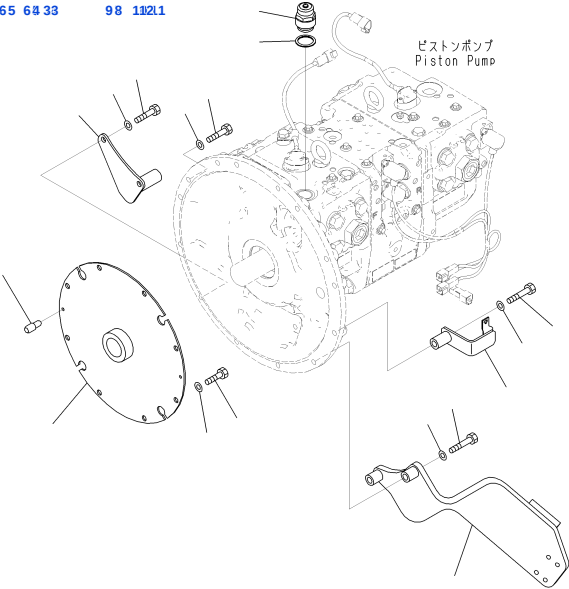


FIG.02

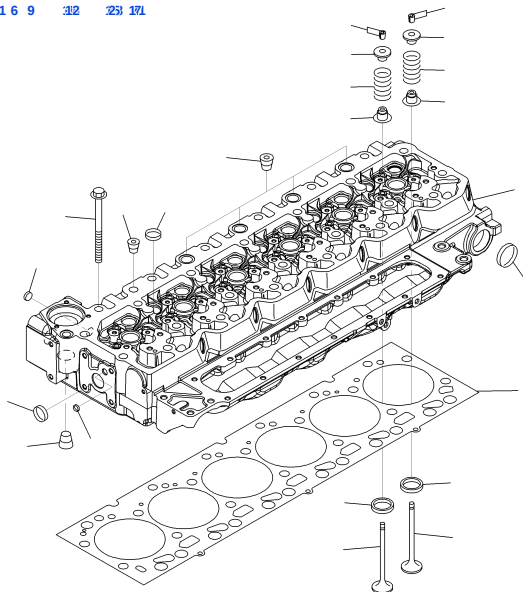
Reference: A0190-001001A

A-004 A0190-001001A DAMPER

Item	Part No.	Part Name	Qty	Options
1	22U-01-21310	DAMPER	1	
2	203-01-51120	PIN	2	
3	01010-81020	BOLT	8	
4	01643-31032	WASHER	8	
5	01010-81050	BOLT	11	
6	01643-31032	WASHER	11	
7	2A6-62-11690	BRACKET	1	
8	01010-81085	BOLT	2	
9	01643-31032	WASHER	2	
10	2A5-06-11362	BRACKET	1	
11	01010-81090	BOLT	1	
12	01643-31032	WASHER	1	
13	22U-62-53960	BREATHER	1	
14	07005-03016	SEAL, WASHER	1	
15	20Y-62-41573	BRACKET	1	

Reference: A0190-001001A

5030 411 6 9 12 23 171



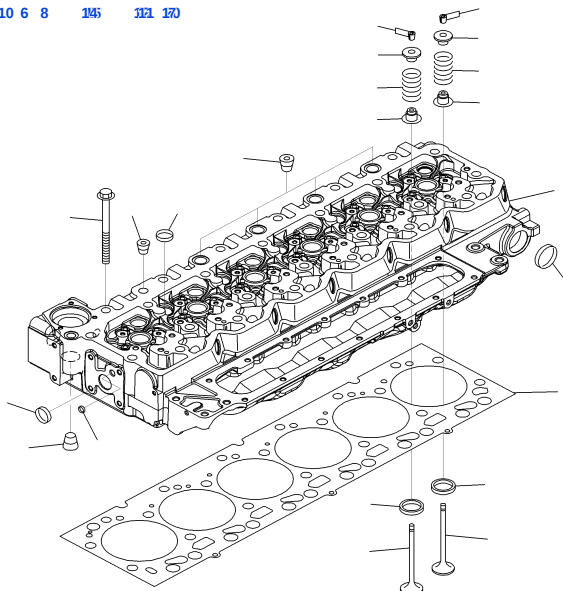
Reference: A1009-001001

A-006 A1009-001001 CYLINDER HEAD

Item	Part No.	Part Name	Qty	Options
	6755-11-1211	CYLINDER HEAD ASSEMBLY	1	
	NSS	• HEAD, CYLINDER	1	
1	NSS	• • HEAD	1	
2	6754-11-1170	• • INSERT, INTAKE	12	
3	6754-11-1180	• • INSERT, EXHAUST	12	
4	6754-11-1150	• • PLUG, EXPANSION	7	
5	6732-21-1820	• • PLUG, EXPANSION	13	
6	6735-21-5531	• • PLUG, EXPANSION	11	
7	6744-11-1070	• • PLUG, EXPANSION	2	
8	6754-11-1160	• • PLUG, EXPANSION	2	
9	6732-21-1981	• PLUG, PIPE	4	
10	6732-11-1920	• PLUG, PIPE	2	
11	6732-61-2240	• PLUG, PIPE	1	
12	6754-41-4541	SEAL	12	
	6754-41-4100	VALVE KIT, AIR INTAKE	12	
13	NSS	• VALVE, INTAKE	1	
14	6744-11-1020	• COLLET	2	
15	6754-41-4540	• SEAL	1	
	6754-41-4200	VALVE KIT, EXHAUST	12	
16	NSS	• VALVE, EXHAUST	1	
17	6744-11-1020	• COLLET	2	
18	6754-41-4440	SPRING	24	
19	6754-41-4510	RETAINER	24	
20	6754-11-1610	BOLT	26	
21	6754-11-1811	GASKET	1	

Reference: A1009-001001

59 19 410 6 8 145 1121 170



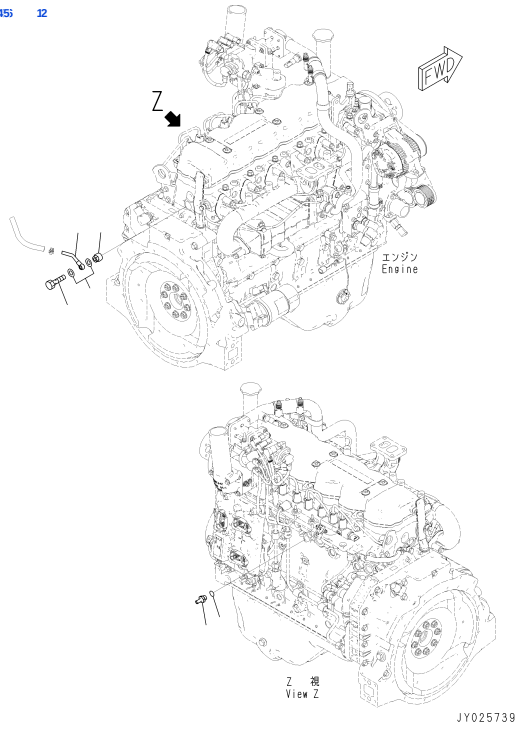
31105

Reference: A1009-001001A

A-008 A1009-001001A CYLINDER HEAD

Item	Part No.	Part Name	Qty	Options
	6755-11-1211	CYLINDER HEAD ASSEMBLY	1	
	NSS	• HEAD, CYLINDER	1	
1	NSS	•• HEAD	1	
2	6754-11-1170	•• INSERT, INTAKE	12	
3	6754-11-1180	•• INSERT, EXHAUST	12	
4	6754-11-1150	•• PLUG, EXPANSION	7	
5	6732-21-1820	•• PLUG, EXPANSION	13	
6	6735-21-5531	•• PLUG, EXPANSION	11	
7	6744-11-1070	•• PLUG, EXPANSION	2	
8	6732-21-1981	• PLUG, PIPE	4	
9	6732-11-1920	• PLUG, PIPE	2	
10	6732-61-2240	• PLUG, PIPE	1	
	6754-41-4100	VALVE KIT, AIR INTAKE	12	
11	NSS	• VALVE, INTAKE	1	
12	6744-11-1020	• COLLET	2	
13	6754-41-4540	• SEAL	1	
	6754-41-4200	VALVE KIT, EXHAUST	12	
14	NSS	• VALVE, EXHAUST	1	
15	6744-11-1020	• COLLET	2	
16	6754-41-4540	• SEAL	1	
17	6754-41-4440	SPRING	24	
18	6754-41-4510	RETAINER	24	
19	6754-11-1610	BOLT	26	
20	6754-11-1811	GASKET	1	

Reference: A1009-001001A

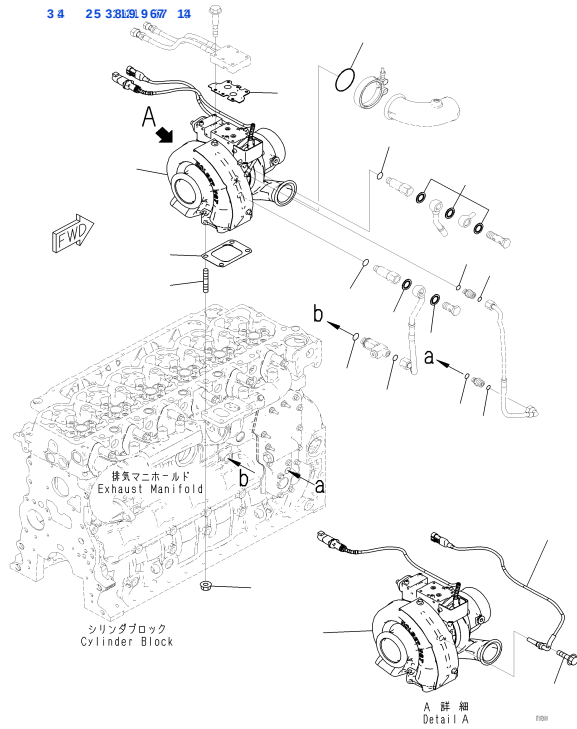


Reference: A1210-001001

A-010 A1210-001001 COOLANT PIPING CONNECTIONS

Item	Part No.	Part Name	Qty	Options
1	6755-21-7380	JOINT	1	
2	6755-21-7110	O-RING	1	
3	6755-21-7230	JOINT	1	
4	07206-30812	BOLT, JOINT	1	
5	07005-01212	SEAL, WASHER	2	
6	6755-21-7220	PLUG	1	

Reference: A1210-001001

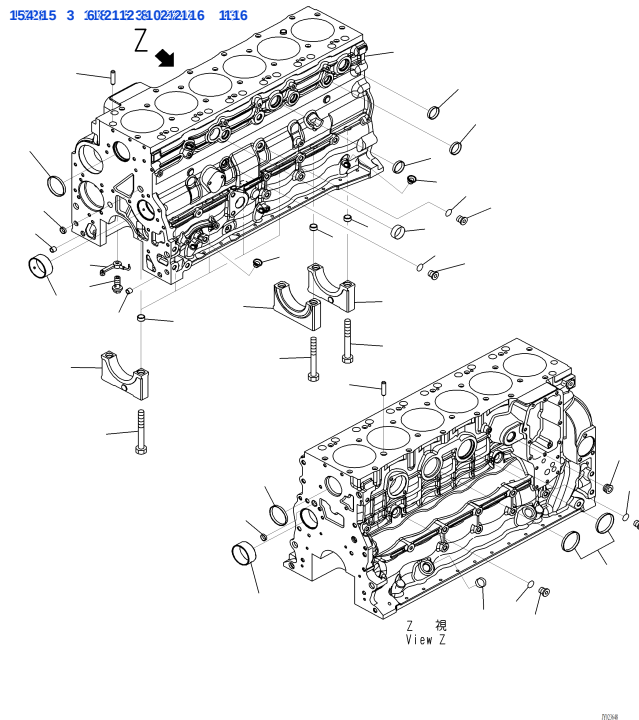


Reference: A1539-001001

A-012 A1539-001001 VARIABLE GEOMETRY TURBOCHARGER (VGT)

Item	Part No.	Part Name	Qty	Options
1	6741-81-8840	STUD	4	
2	6732-81-8820	NUT	4	
	6756-81-8130	TURBOCHARGER KIT	1	
3	NSS	• TURBOCHARGER	1	
4	6755-81-8410	• GASKET	1	
5	6755-51-8220	• GASKET	1	
6	6737-51-8770	• O-RING	2	
7	6732-81-8860	• O-RING	2	
8	6755-61-8120	• O-RING	2	
9	6755-61-8140	• SEAL, WASHER	5	
10	6560-81-7130	• O-RING	1	
11	6738-54-8110	• SEAL	1	
12	6738-11-4370	• O-RING	1	
13	6755-81-8941	SENSOR KIT, SPEED	1	
14	6736-81-8410	• SCREW	1	

Reference: A1539-001001



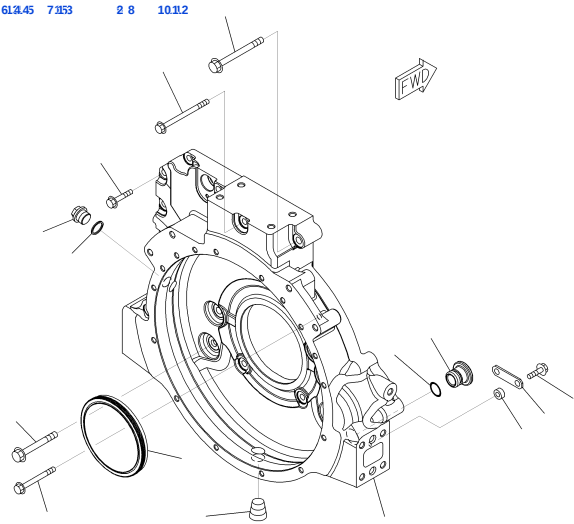
Reference: A2019-001001

A-014 A2019-001001 CYLINDER BLOCK

Item	Part No.	Part Name	Qty	Options
	6755-21-1310	CYLINDER BLOCK	1	
	NSS	• CYLINDER BLOCK ASSEMBLY	1	
	NSS	•• CYLINDER BLOCK	1	
1	6732-21-1831	••• PLUG	4	
2	6732-21-1820	••• PLUG, EXPANSION	3	
	6754-21-1221	••• CAP ASSEMBLY	6	
3	NSS	•••• RING	2	
4	NSS	•••• CAP	1	
	6754-21-1241	••• CAP ASSEMBLY	1	
5	NSS	•••• RING	2	
6	NSS	•••• CAP	1	
7	6732-21-1412	••• BUSHING	2	
8	6732-21-1611	••• BOLT	14	
9	6756-21-5520	••• PLUG, EXPANSION	3	
		OR		
9	6742-01-1420	••• PLUG, EXPANSION	3	
10	NSS	••• BLOCK ASSEMBLY	1	
11	6732-21-1812	•• PLUG	2	
	6755-21-1320	• BLOCK KIT	1	
12	6732-21-6140	•• RING	2	
13	6754-21-1191	•• NOZZLE	6	
14	6754-21-1180	•• JOINT	6	
15	6754-21-6221	•• PIN, DOWEL	2	
	6560-81-7110	•• PLUG ASSEMBLY	2	
16	NSS	••• PLUG	1	
17	6560-81-7130	••• O-RING	1	
	6732-21-1960	•• PLUG ASSEMBLY	1	
18	NSS	••• PLUG	1	
19	6735-21-1970	••• O-RING	1	
20	6756-21-5510	•• PLUG, EXPANSION	1	
		OR		
20	6735-21-5530	•• PLUG, EXPANSION	1	
21	6732-21-5530	•• PLUG	3	
22	6756-21-5520	•• PLUG, EXPANSION	1	

Item	Part No.	Part Name	Qty	Options
		OR		
22	6742-01-1420	•• PLUG, EXPANSION	1	
23	6732-11-1920	•• PLUG, PIPE	1	
	6735-21-1910	•• PLUG ASSEMBLY	1	
24	NSS	••• PLUG	1	
25	6735-21-1930	••• O-RING	1	

Reference: A2019-001001



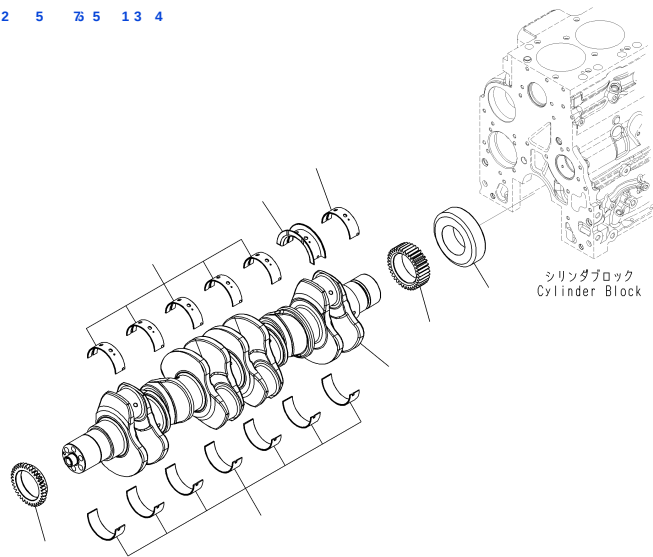
Reference: A2219-001001

A-018 A2219-001001 FLYWHEEL HOUSING

Item	Part No.	Part Name	Qty	Options
1	6736-21-4221	SEAL, REAR	1	
2	6755-21-4110	HOUSING	1	
3	6754-21-4210	SCREW	3	
4	6731-21-6220	BOLT	2	
5	6742-01-5504	BOLT	8	
6	6736-21-5350	BOLT	5	
7	6754-21-4220	SCREW	2	
8	6732-21-4150	PLUG	1	
9	6732-21-4161	O-RING	1	
10	6130-12-1961	SPACER	1	
11	6301-11-4630	PLATE	1	
12	01435-60825	BOLT	1	
13	6736-21-5320	PLUG	1	
14	6732-21-5170	WASHER	1	
15	6732-11-1920	PLUG, PIPE	1	

Reference: A2219-001001

2 5 7 5 13 4



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Reference: A2319-001001

A-020 A2319-001001 CRANKSHAFT

Item	Part No.	Part Name	Qty	Options
	6754-32-1331	CRANKSHAFT ASSEMBLY	1	
1	NSS	• CRANKSHAFT	1	
2	6754-31-1330	• GEAR	1	
3	6754-31-1340	• GEAR	1	
4	6754-31-1190	• COLLAR	1	
	6754-22-8100	BEARING ASSEMBLY, MAIN	1	
5	NSS	• BEARING, UPPER	6	
6	NSS	• BEARING, LOWER	7	
7	NSS	• BEARING, THRUST, UPPER	1	

Reference: A2319-001001

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