

ENGINE PARTS・エンジンパーツ

HINO DIESEL ENGINE J08EUV

HINO ENGINE TYPE J08EUV-KSDF PARTS CATALOG

GENUINE PARTS

FOR
KOBELCO
SK330-9
SK350(N)LC-9
SK350D(LC)-9

HINO MOTORS LIMITED

CAT No. 4764-0-1①



エンジン機器
ENGINE COMPONENTS

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
10-00		CYLINDER HEAD			
11-00		CYLINDER BLOCK			
11-10		TIMING GEAR COVER AND FLYWHEEL HOUSING			
12-00		MAIN MOVING PARTS			
13-00		CAMSHAFT AND IDLE GEAR			
13-10		VALVE SYSTEM			
13-20		AIR INTAKE AND EXHAUST SYSTEM			
14-00		LUBRICATION			
15-00		FUEL SYSTEM			
16-00		COOLING SYSTEM			
17-00		ENGINE CONTROL SYSTEM			
18-10		ELECTRICAL PARTS			
18-30		TURBOCHARGER			
18-40		ENGINE ACCESSORY PARTS			
19-91		GASKET KIT (ENGINE OVERHAUL)			

エンジンパーツカタログの見方・HOW TO READ ENGINE PARTS CATALOG

How to read this ENGINE Catalog

- Parts mentioned in this Parts Catalog may not necessarily be standard equipping parts.
- Parts change may be made without prior notice.

Form of this ENGINE Parts Catalog

1 ↓ 符号 ITEM	2 ↓ 部品番号 PARTS NO.	3 ↓ PART NAME	3 ↓ 部品名	4 ↓ 数量 QTY	5 ↓ 参照 REFERENCE	6 ↓ 切換年月 APPLIED DATE
		CYLINDER BLOCK	シリンダブロック			
11309	VH11309E0010	RETAINER SUB-ASSY, OIL SEAL	リテーナサブアセンブリ, オイル シール	1		
11462	VH11462E0050	LINER, CYLINDER, O/S	ライナ, シリンダ, O/S	4	A	
11462	VH11462E0060	LINER, CYLINDER, O/S	ライナ, シリンダ, O/S	4	B	
11462	VH11462E0070	LINER, CYLINDER, O/S	ライナ, シリンダ, O/S	4	C	

- Item Index number given to every part in the part illustration.
- Part Number Proper number given to parts.
Note: Not soled parts (NS) are illustrated partly but not listed.
- Part Name The part name is indicated together with the complementary name.
- Quantity required "Number of parts necessary for One (1) unit" is shown. However, for component parts for assembly, it shows the "Number of parts for One (1) set" of assembly.
- Remarks Marks shown in the "Remarks" column means the following.
 - "A", "B", and "C" shown in the list are indicated a liner identification. Each liner should insert the same liner identification to the main body.
 - Superseding part numbers are listed directly below the old part number. An alphabetical character; i.e. "a" or "b" is used to indicate the type of interchangeability that exists between the old and new part number. If an alphabetical character is not shown then these part numbers are not interchangeable.
 - Totally interchangeable. Either part number may be used.
 - The new part number will replace the old part number, however, the old part number will not replace the new part number.

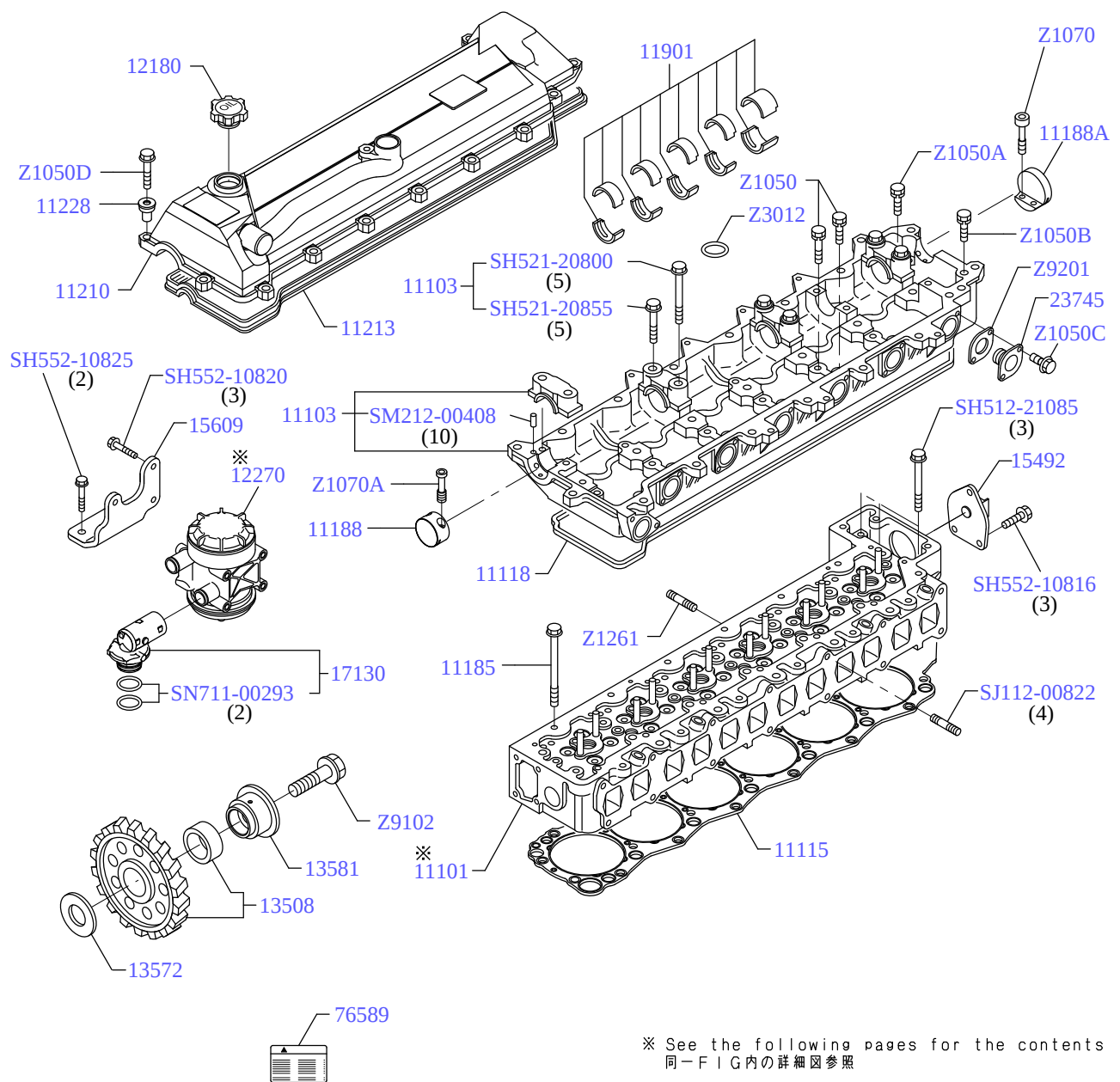
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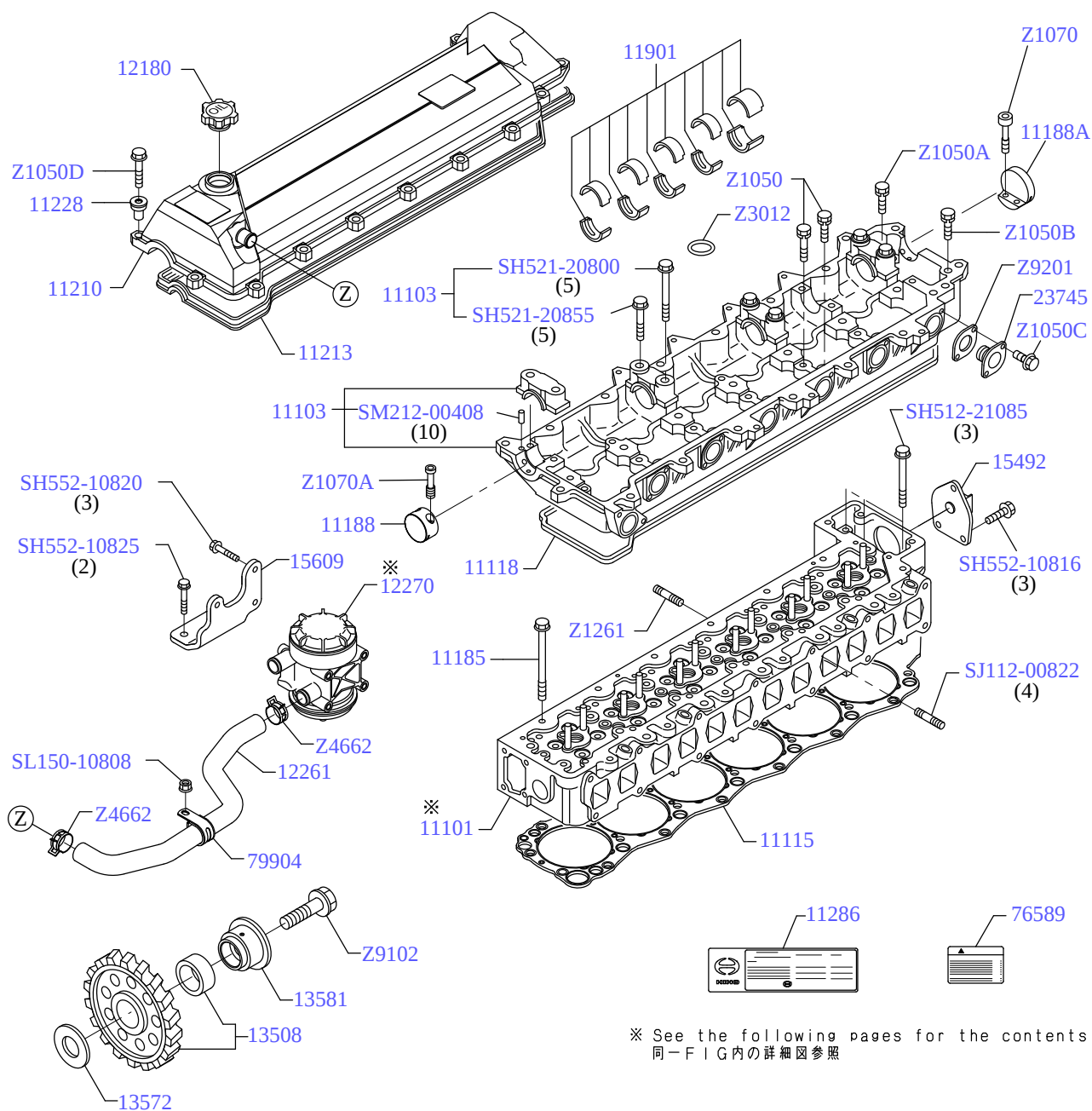
	Part No.	REMARKS
(Old)	-001-0	b
(New)	-002-0	

- Applied Date Indicated by the year and month (i.e. 9202 = February 1992).

[Memo]

シリンダ ヘッド ・ CYLINDER HEAD





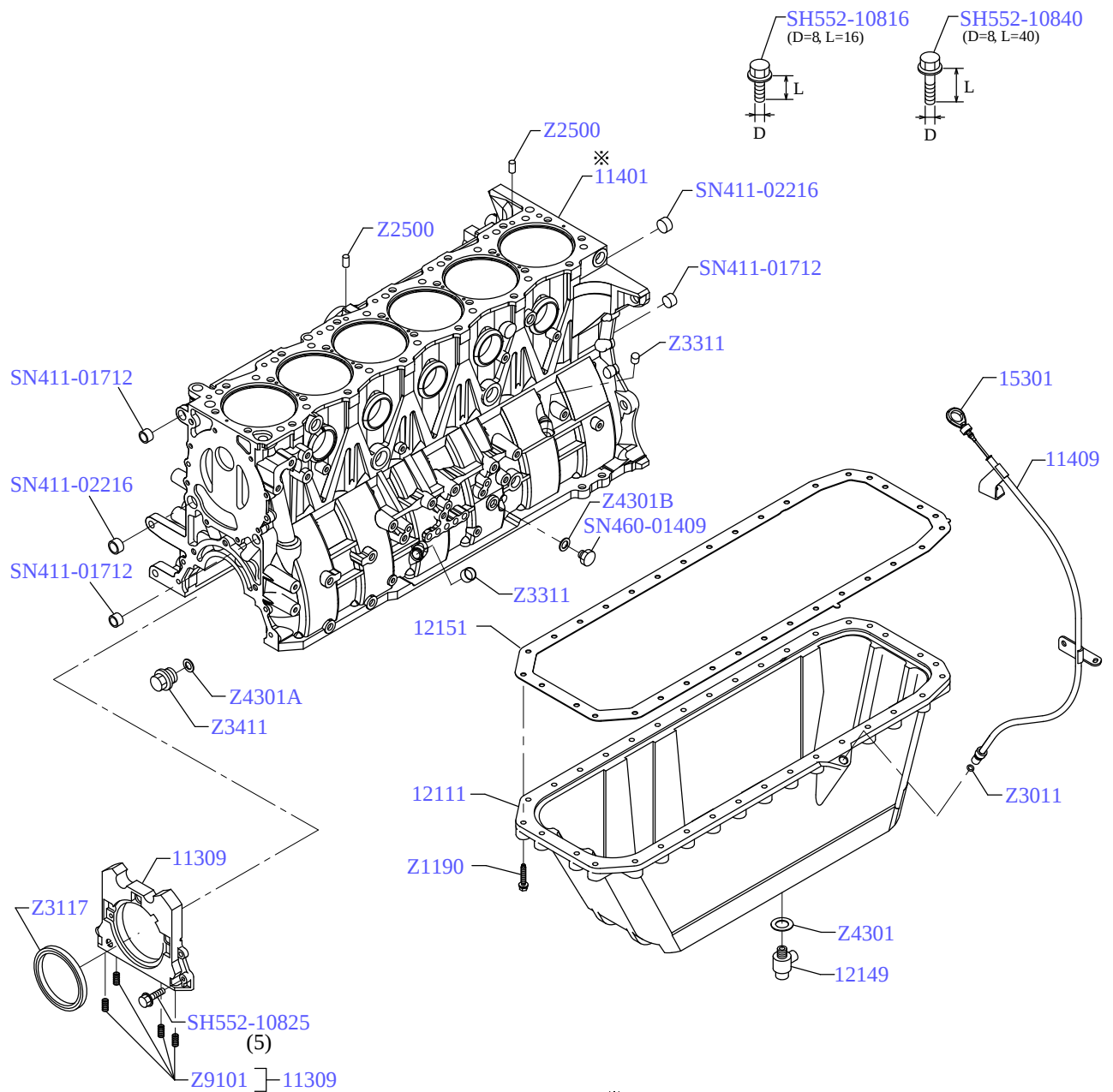
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ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		CYLINDER HEAD			
	.				
11101	VH11101E0531	HEAD SUB-ASSY, CYLINDER	1		
11103	VH11103E0230	HOUSING SUB-ASSY, CAMSHAFT	1		
11115	VH11115E0090	GASKET, CYLINDER HEAD	1		1212-1405
11115	VH11115E0200	GASKET, CYLINDER HEAD	1		1405-
11118	VH11118E0010	GASKET, CAMSHAFT HOUSING, NO.2	1		
11122	VHS111221220	BUSHING, VALVE GUIDE INTAKE, REPAIR STD	24		
11131	VH11131E0010	SEAT, INTAKE VALVE	12		
11135	VH11135E0040	SEAT, EXHAUST VALVE	12		
11147	VHS111471130	PIN, CROSSHEAD GUIDE	12		
11176	VHS111761190	SEAT, INJ NOZZLE	6		
11185	VHS111852261	BOLT, CYL HEAD	26		
11188	VHS111881070	PLUG, CAMSHAFT HOUSING	1		
11188A	VHS111881080	PLUG, CAMSHAFT HOUSING	1		
11210	VH11210E0012	COVER ASSY, CYLINDER HEAD	1		1212-1402
11210	VH11210E0030	COVER ASSY, CYLINDER HEAD	1		1402-
11213	VHS112131880	GASKET, CYL HEAD COVER	1		
11228	VH11228E0030	CUSHION, CYLINDER HEAD COVER	18		
11286	VH11286E1250	PLATE, ENGINE SPECIFICATION	1		1401-1608
11286	VH11286E1252	PLATE, ENGINE SPECIFICATION	1		1608-
11901	VHS119011020	BEARING SET, CAMSHAFT	1	DAIDO	
12180	VH12180E0010	CAP ASSY, OIL FILLER	1		
12207	VH12207EV030	CASE SUB-ASSY, OIL SEPARATOR	1		1212-1402
12207	VH12207EV150	CASE SUB-ASSY, OIL SEPARATOR	1		1402-
12261	VH12261E0G60	HOSE, VENTILATION	1		1402-
12270	VH12270E0140	SEPARATOR ASSY, OIL	1		1212-1402
12270	VH12270E0220	SEPARATOR ASSY, OIL	1		1402-
12273	VH12273EV010	GASKET, OIL SEPARATOR	1		1212-1402
12273	VH12273EV010	GASKET, OIL SEPARATOR	1		1402-
13508	VH13508E0280	GEAR SUB-ASSY, IDLE	1		
13572	VHS135721250	PLATE, IDLE GEAR THRUST	1		
13581	VH13581E0190	SHAFT, IDLE GEAR	1		
15492	VHS154928940	HOLDER, CLIP	1		
15609	VH15609E0090	BRACKET SUB-ASSY, OIL FILTER	1		
17130	VH17130E0271	PIPE ASSY, INTAKE	1		1212-1402
23745	VHS237451020	SEAL, INJ PIPE OIL	6		1212-1508
23745	VH23681E0040	SEAL, NOZZLE HOLDER	6		1508-
76589	VHS765894090	PLATE, CAUTION ENG	1	JAPAN	
79904	VHS799042380	CLIP SUB ASSY	1		1402-1606
79904	VHS799042360	CLIP SUB ASSY	1		1606-
S1220	VHS122061020	CAP SUB ASSY, VENT	1		1212-1402
S1220	VHS122061020	CAP SUB ASSY, VENT	1		1402-
S1227	VHS122771010	HOLDER, OIL SEPARATOR	1		1212-1402
S1227	VHS122771010	HOLDER, OIL SEPARATOR	1		1402-
SH512-21085	VHSH51221085	BOLT	3		

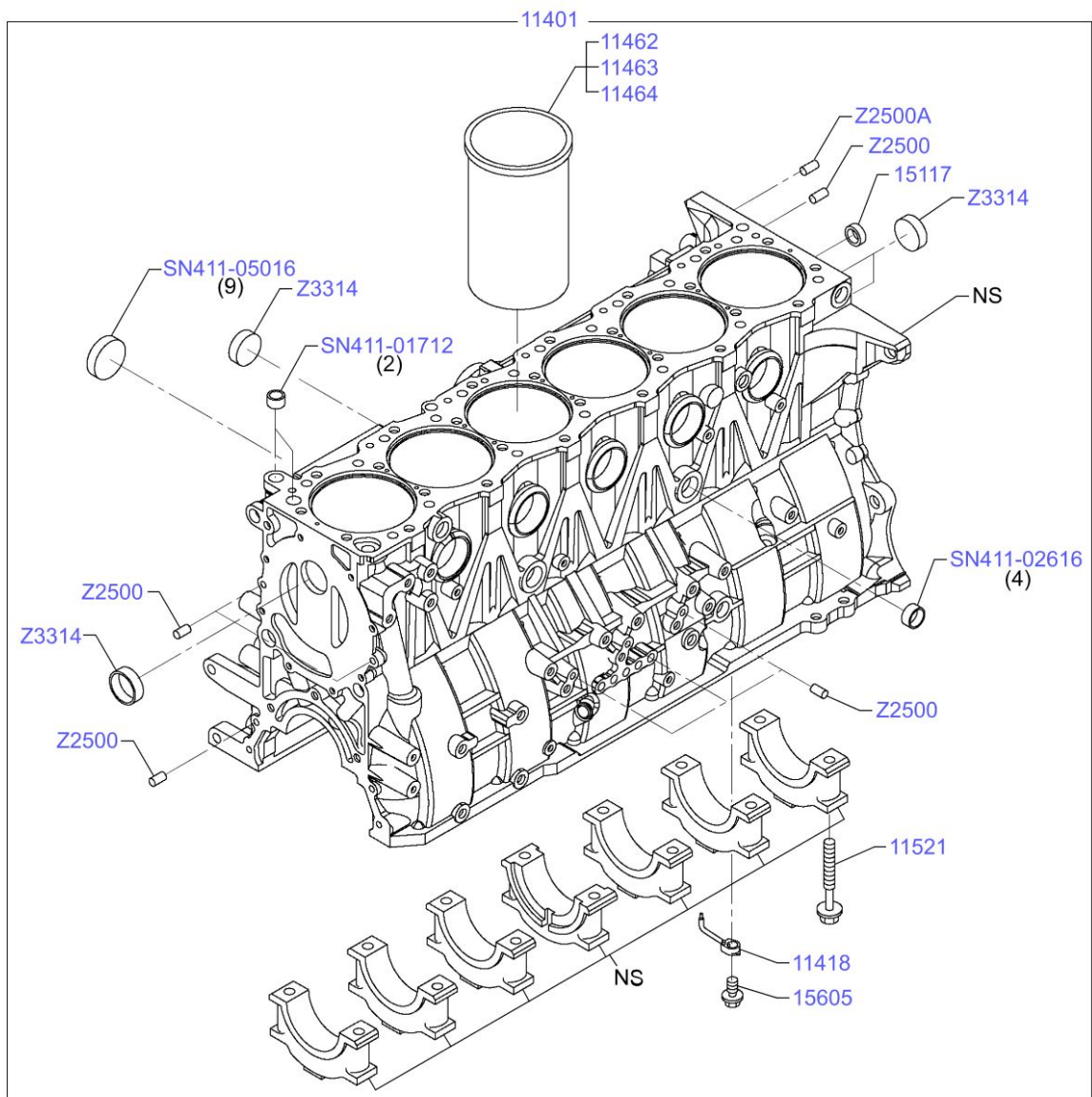
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
SH521-20800	VHSH52120800	BOLT	5		
SH521-20855	VHSH52120855	BOLT	5		
SH552-10816	VHSH55210816	BOLT, FLANGE	3		
SH552-10820	VHSH55210820	BOLT, FLANGE	3		
SH552-10825	VHSH55210825	BOLT, FLANGE	2		
SJ112-00822	VHSJ11200822	STUD	4		
SL150-10808	VHSL15010808	NUT	1		1404-
SM212-00408	VHSM21200408	PIN, STRAIGHT	10		
SM212-00816	VHSM21200816	PIN, STRAIGHT	2		
SN411-01412	VHSN41101412	PLUG, SEALING	1		
SN411-01712	VHSN41101712	PLUG, SEALING	12		
SN411-02012	VHSN41102012	PLUG, SEALING	1		
SN411-02216	VHSN41102216	PLUG, SEALING	7		
SN411-02616	VHSN41102616	PLUG, SEALING	1		
SN411-03016	VHSN41103016	PLUG, SEALING	8		
SN441-00610	VHSN44100610	BALL, STEEL	6		
SN711-00293	VHSN71100293	O-RING	2		1212-1404
Z0104	VHSZ01046011	O-RING	2		1212-1402
Z0104	VHSZ01046011	O-RING	2		1402-
Z0104A	VHSZ01046010	O-RING	1		1212-1402
Z0104A	VHSZ01046010	O-RING	1		1402-
Z0104B	VHSZ01046012	O-RING	2		1212-1402
Z1050	VHSZ10508039	BOLT, FLANGE	13		
Z1050A	VHSZ10508043	BOLT, FLANGE	2		
Z1050B	VHSZ10508044	BOLT, FLANGE	3		
Z1050C	VHSZ10508055	BOLT, FLANGE	12		
Z1050D	VHSZ10508067	BOLT, FLANGE	14		
Z1070	VHSZ91024484	BOLT	2		
Z1070A	VHSZ10706003	BOLT, TORX	2		
Z1261	VHSZ12610016	STUD	18		1212-1508
Z1261	VHS1793E0070	BOLT, STUD	18		1508-
Z3012	VHSZ30126012	O-RING	6		
Z4662	VHSZ46628001	CLIP	2		1402-
Z9101	VHSZ91015047	GASKET	6		
Z9102	VHSZ91024264	BOLT	1		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
Z9201	VHSZ92018008	FLANGE	6		

シリンダ ブロック・CYLINDER BLOCK

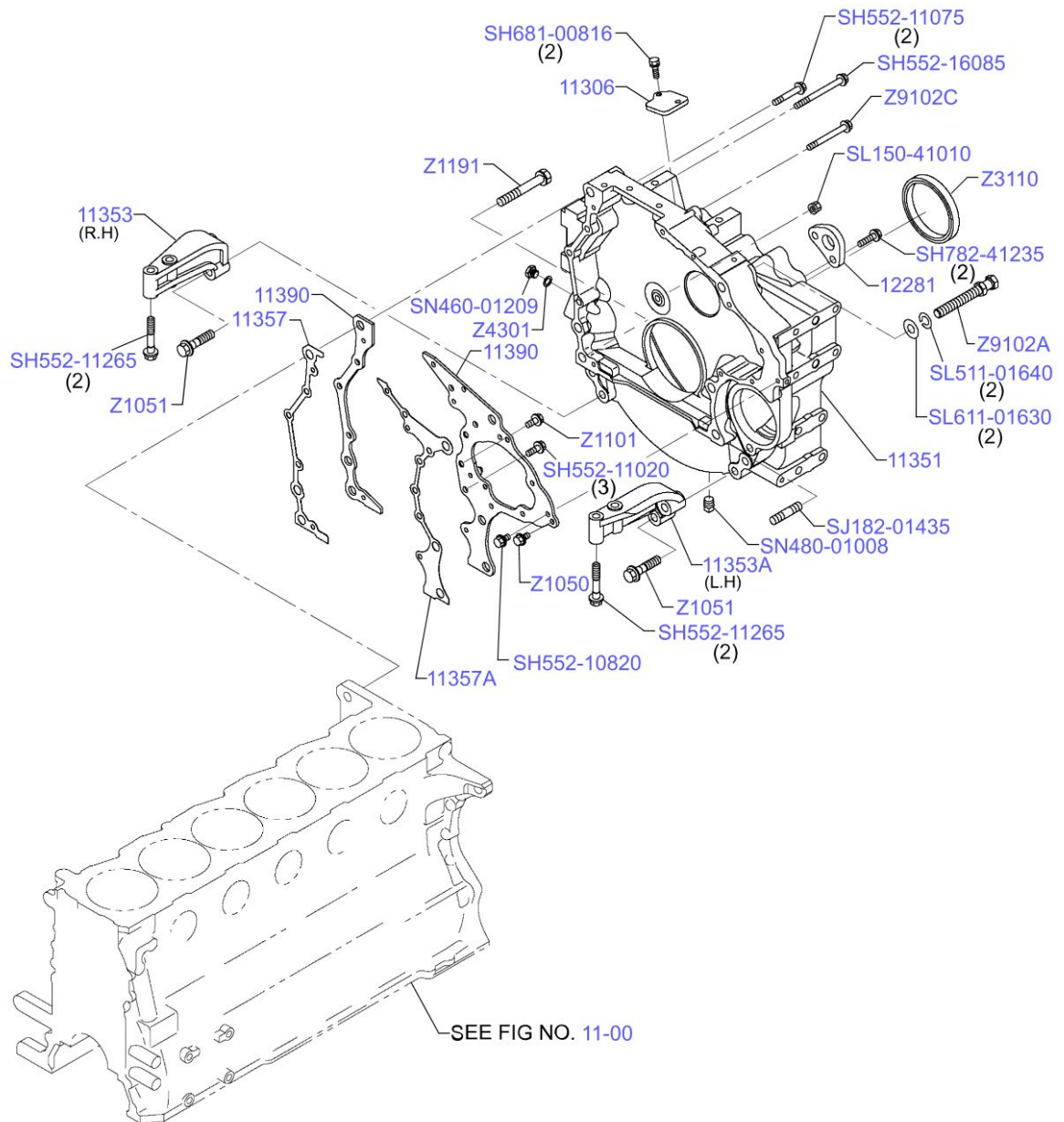


※ See the following pages for the contents
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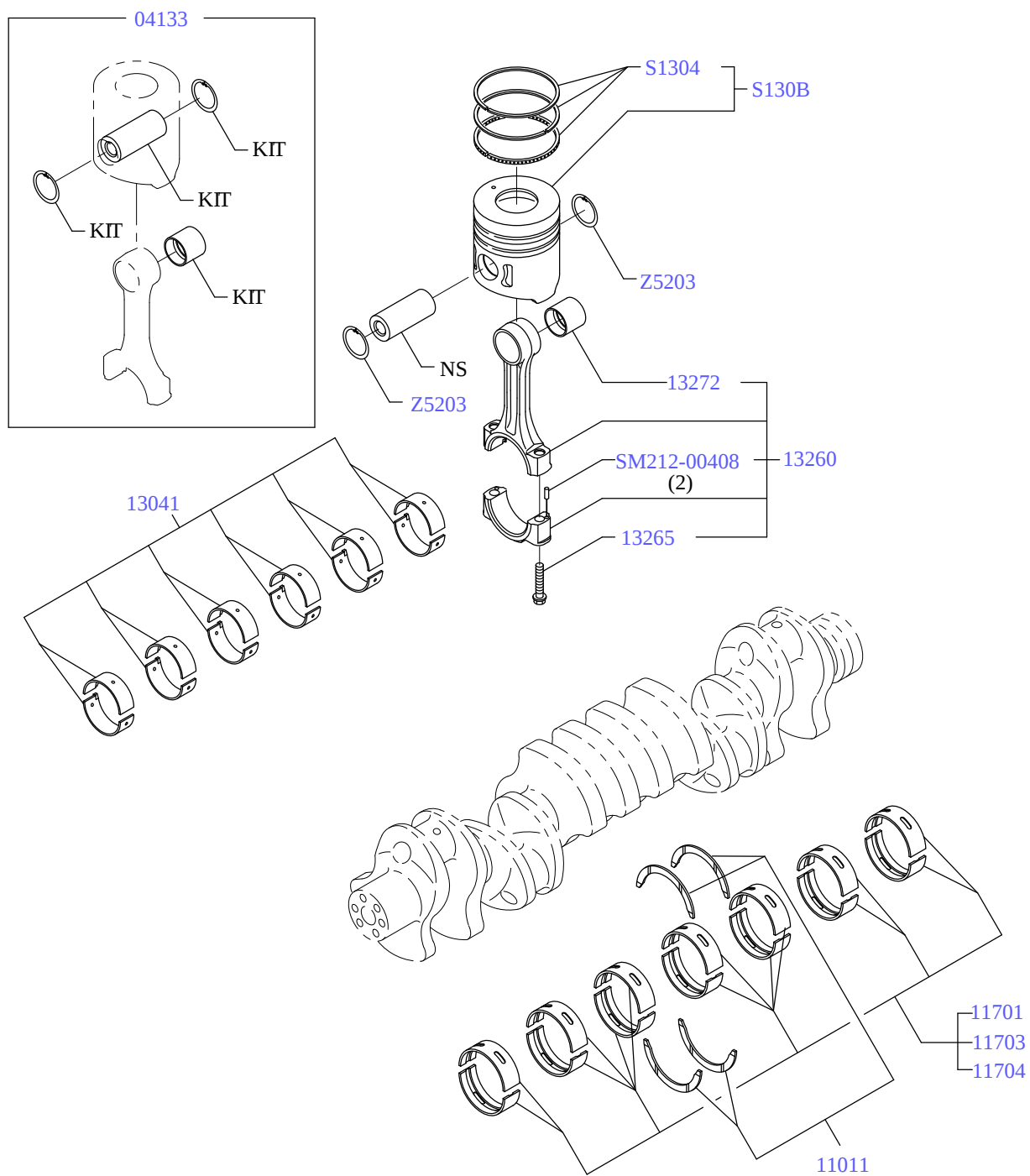
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		CYLINDER BLOCK			
11309	VH11309E0010	RETAINER SUB-ASSY, OIL SEAL	1		
11401	VH11401E0E31	BLOCK SUB-ASSY, CYLINDER	1		1212-1604
11401	VH11401E0E32	BLOCK SUB-ASSY, CYLINDER	1		1604-
11409	VH11409E0570	GUIDE SUB-ASSY, OIL LEVEL GAGE	1		
11418	VH11418E0060	PIPE, CYLINDER BLOCK OIL JET	6		
11462	VH11462E0080	LINER, CYLINDER, O/S	6	A	
11463	VH11463E0050	LINER, CYLINDER, O/S	6	B	
11464	VH11464E0050	LINER, CYLINDER, O/S	6	C	
11521	VHS115211261	BOLT, BEARING CAP	14		
12111	VH12111E0230	PAN, OIL	1		
12149	VHS121491030	VALVE, OIL DRAIN	1		
12151	VHS121512611	GASKET, OIL PAN	1		1212-1510
12151	VH12151E0071	GASKET, OIL PAN	1		1510-
15117	VHS151171170	BUSHING, BODY OIL PUMP	1		
15301	VH15301E0A81	GAGE SUB-ASSY, OIL LEVEL	1		
15605	VH15605E0050	VALVE SUB-ASSY, OIL CHECK	6		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10825	VHSH55210825	BOLT, FLANGE	5		
SH552-10840	VHSH55210840	BOLT, FLANGE	1		
SN411-01712	VHSN41101712	PLUG, SEALING	3		
SN411-01712	VHSN41101712	PLUG, SEALING	2		
SN411-02216	VHSN41102216	PLUG, SEALING	2		
SN411-02616	VHSN41102616	PLUG, SEALING	4		
SN411-05016	VHSN41105016	PLUG, SEALING	9		
SN460-01409	VHSN46001409	PLUG	1		
Z1190	VHSZ11908196	BOLT	34		
Z2500	VHSZ25008007	PIN	2		
Z2500	VHSZ25008007	PIN	10		
Z2500A	VHSZ25008008	PIN	2		
Z3011	VHSZ30110025	O-RING	1		
Z3117	VHSZ31179002	SEAL, OIL	1		
Z3311	VHSZ33114001	PLUG, EXPANSION	1		
Z3311	VHSZ33114001	PLUG, EXPANSION	1		
Z3314	VHSZ33142002	PLUG, EXPANSION	4		
Z3411	VHSZ34116009	PLUG	1		
Z4301	VHSZ43018003	WASHER, SOFT	1		
Z4301A	VHSZ43016004	WASHER, SOFT	1		
Z4301B	VHSZ43014003	WASHER, SOFT	1		
Z9101	VHSZ91013008	HELISERT	4		

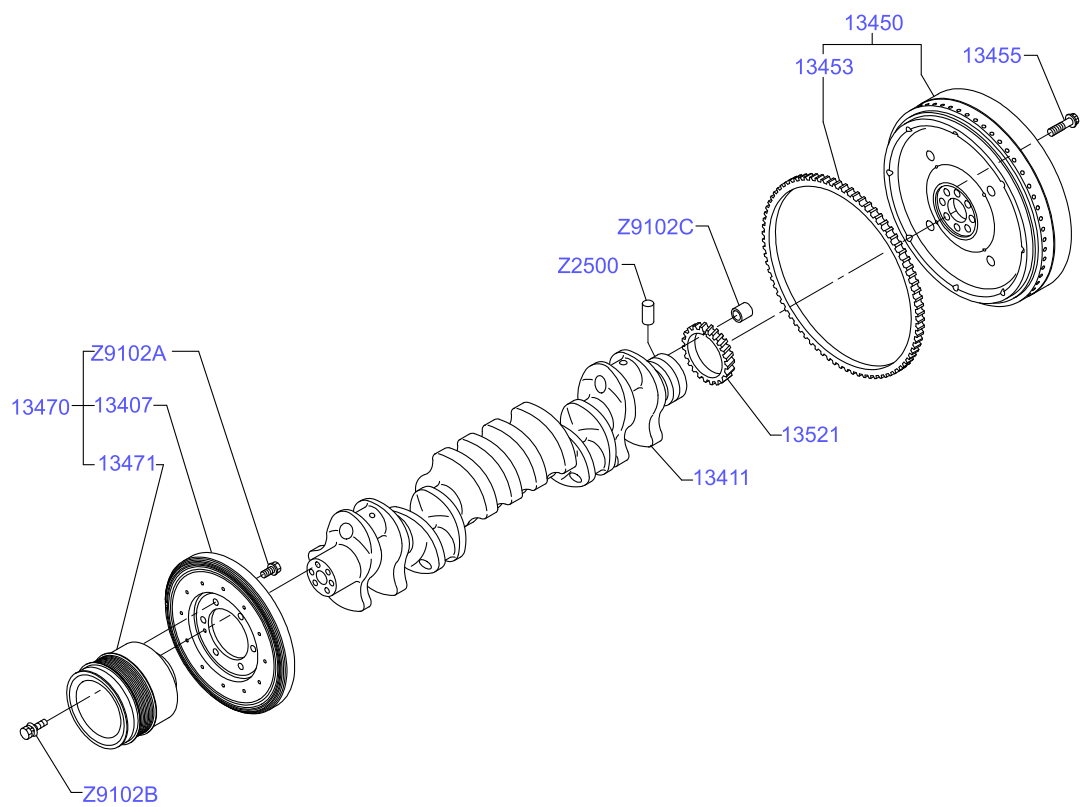
タイミング ギヤ カバ - アント フライホイール ハウジング ・ TIMING GEAR COVER AND FLYWHEEL HOUSING



ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		TIMING GEAR COVER AND FLYWHEEL HOUSING			
	.				
11306	VHS113061480	COVER SUB ASSY, F/H DUST	1		
11351	VH11351E0254	HOUSING, FLYWHEEL	1		
11353	VH11353E0130	STAY, FLYWHEEL HOUSING SIDE	1		
11353A	VH11353E0230	STAY, FLYWHEEL HOUSING SIDE	1		
11357	VHS113571022	GASKET, RR END PLATE	1		1212-1508
11357	VH16258E0050	GASKET	1		1508-
11357A	VHS113571062	GASKET, RR END PLATE	1		1212-1508
11357A	VH16258E0060	GASKET	1		1508-
11390	VHS113901050	PLATE SET, END	1		
12281	VHS122811901	HANGER, ENG	1		1212-1406
12281	VH12281E0240	HANGER, ENGINE	1		1406-
SH552-10820	VHSH55210820	BOLT, FLANGE	1		
SH552-11020	VHSH55211020	BOLT, FLANGE	3		
SH552-11075	VHSH55211075	BOLT, FLANGE	2		
SH552-11265	VHSH55211265	BOLT, FLANGE	4		
SH552-16085	VHSH55216085	BOLT, FLANGE	1		
SH681-00816	VHSH68100816	BOLT	2		
SH782-41235	VHSH78241235	BOLT, W/WASHER	2		
SJ182-01435	VHSJ18201435	STUD	1		
SL150-41010	VHSL15041010	NUT	1		
SL511-01640	VHSL51101640	LOCKWASHER	2		
SL611-01630	VHSL61101630	WASHER, PLAIN	2		
SN460-01209	VHSN46001209	PLUG	1		
SN480-01008	VHSN48001008	PLUG	1		
Z1050	VHSZ10508055	BOLT, FLANGE	2		
Z1051	VHSZ10514021	BOLT, FLANGE	4		
Z1101	VHSZ11010007	BOLT	2		
Z1191	VHSZ11916013	BOLT	4		
Z3110	VHSZ31101045	SEAL, OIL	1		
Z4301	VHSZ43012005	WASHER, SOFT	1		
Z9102A	VHSZ91024292	BOLT	2		
Z9102C	VHSZ91024487	BOLT	1		
	.				
11-00					

メインムービングパーツ・MAIN MOVING PARTS

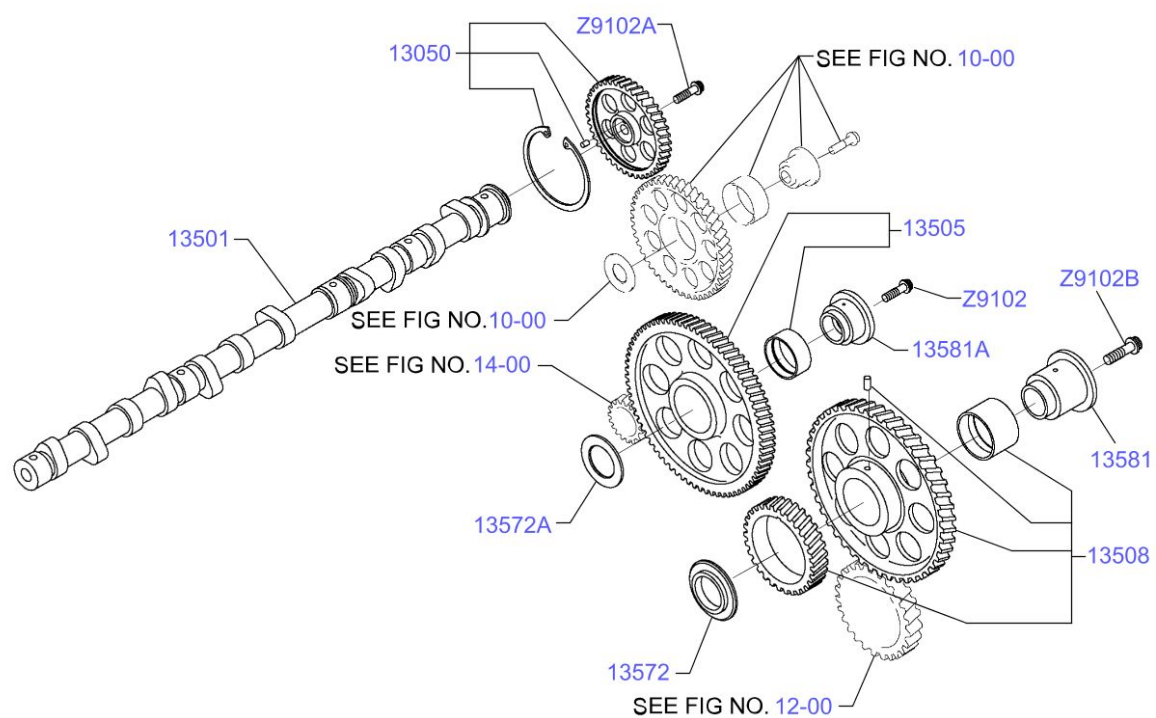




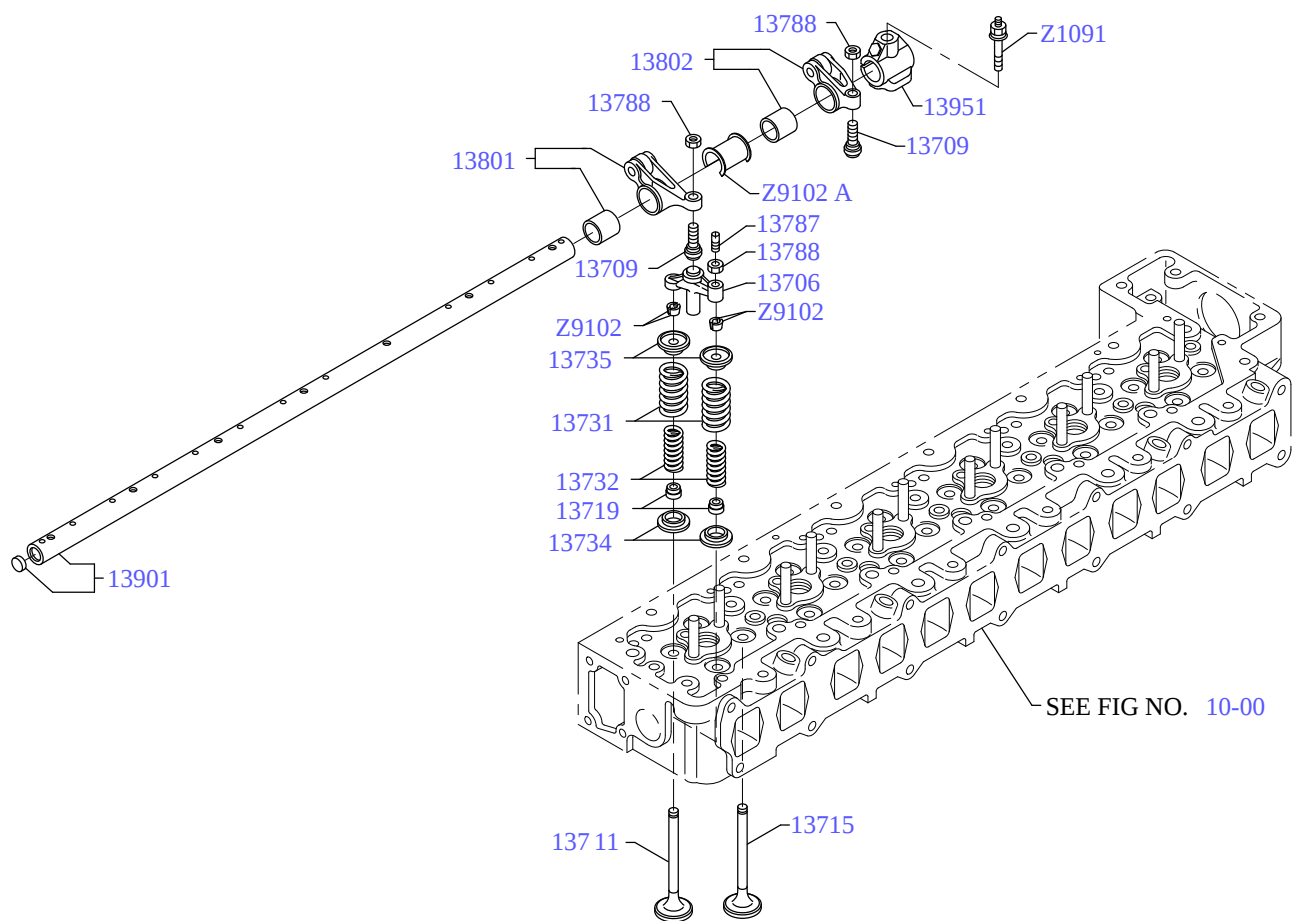
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		MAIN MOVING PARTS			
04133	VH04133E0140	PIN KIT, PISTON	6		
11011	VHS110111380	WASHER SET, CRANKSHAFT THRUST, STD	1	STD TAIHO	
11701	VHS117012140	BEARING SET, CRANKSHAFT	1	STD TAIHO	
11703	VHS117031970	BEARING SET, CRANKSHAFT, U/S 0.25	1	U/S0.25 DAIDO	
11703	VHS117032000	BEARING SET, CRANKSHAFT, U/S 0.25	1	U/S 0.25 TAIH	
11704	VHS117042000	BEARING SET, CRANKSHAFT, U/S 0.50	1	U/S0.5 DAIDO	
11704	VHS117042030	BEARING SET, CRANKSHAFT, U/S 0.50	1	U/S 0.5 TAIHO	
13041	VH13041E0450	BEARING SET, CONNECTING ROD	1	STD	1212-1306
13041	VH13041E0451	BEARING SET, CONNECTING ROD	1	STD	1306-1407
13041	VH13041E0700	BEARING SET, CONNECTING ROD	1	STD	1407-
13041	VH13041E0460	BEARING SET, CONNECTING ROD	1	U/S 0.25	1212-1306
13041	VH13041E0461	BEARING SET, CONNECTING ROD	1	U/S 0.25	1306-1407
13041	VH13041E0710	BEARING SET, CONNECTING ROD	1	U/S 0.25	1407-
13041	VH13041E0470	BEARING SET, CONNECTING ROD	1	U/S 0.50	1212-1306
13041	VH13041E0471	BEARING SET, CONNECTING ROD	1	U/S 0.50	1306-1407
13041	VH13041E0720	BEARING SET, CONNECTING ROD	1	U/S 0.50	1407-
13041	VH13041E0480	BEARING SET, CONNECTING ROD	1	U/S 0.75	1212-1306
13041	VH13041E0481	BEARING SET, CONNECTING ROD	1	U/S 0.75	1306-1407
13041	VH13041E0730	BEARING SET, CONNECTING ROD	1	U/S 0.75	1407-
13041	VH13041E0490	BEARING SET, CONNECTING ROD	1	U/S 1.00	1212-1306
13041	VH13041E0491	BEARING SET, CONNECTING ROD	1	U/S 1.00	1306-1407
13041	VH13041E0740	BEARING SET, CONNECTING ROD	1	U/S 1.00	1407-
13260	VH13260E0100	ROD ASSY, CONNECTING	6		
13265	VHS132651620	BOLT, CONROD	2		
13272	VHS132721460	BUSHING, CONROD, REPAIR STD	6		
13407	VH13407E0040	DAMPER SUB-ASSY, CRANKSHAFT	1		
13411	VH13411E0100	CRANKSHAFT	1		
13450	VH13450E0C41	FLYWHEEL ASSY	1		1212-1508
13450	VH13450E0P90	FLYWHEEL ASSY	1		1508-
13453	VH13453E0080	GEAR, FLYWHEEL RING	1		
13455	VHS134551550	BOLT, FLYWHEEL	8		
13470	VH13470E0580	PULLEY ASSY, CRANKSHAFT	1		
13471	VH13471E0430	PULLEY, CRANKSHAFT	1		
13521	VH13521E0150	GEAR, CRANKSHAFT	1		1212-1509
13521	VH13521E0151	GEAR, CRANKSHAFT	1		1509-1510
13521	VH13521E0152	GEAR, CRANKSHAFT	1		1510-
S1304	VHS1304E0030	RING SUB SET, PISTON	1		
S130B	VHS130BE0130	PISTON & PISTON RING SET	6		1212-1511
S130B	VHS130BE0131	PISTON & PISTON RING SET	6		1511-
SM212-00408	VHSM21200408	PIN, STRAIGHT	2		
Z2500	VHSZ25006006	PIN	1		
Z5203	VHSZ52037001	RING, RETAINER OR SPRING, RETAINER	12		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
Z9102A	VHSZ91024061	BOLT	6		
Z9102B	VHSZ91024350	BOLT	6		
Z9102C	VHSZ91029013	COLLAR	1		

カムシャフト アイドル ギヤ・CAMSHAFT AND IDLE GEAR

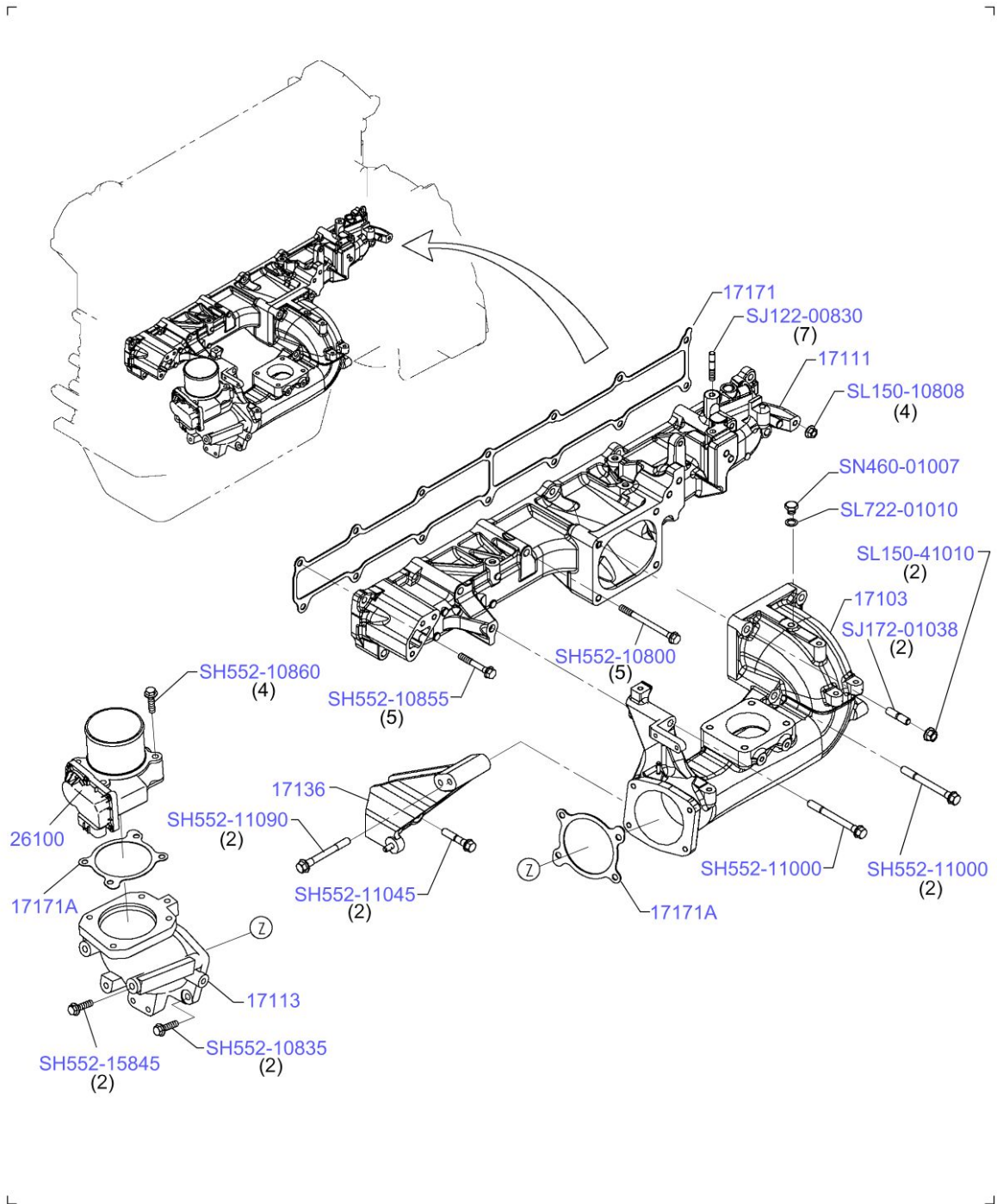


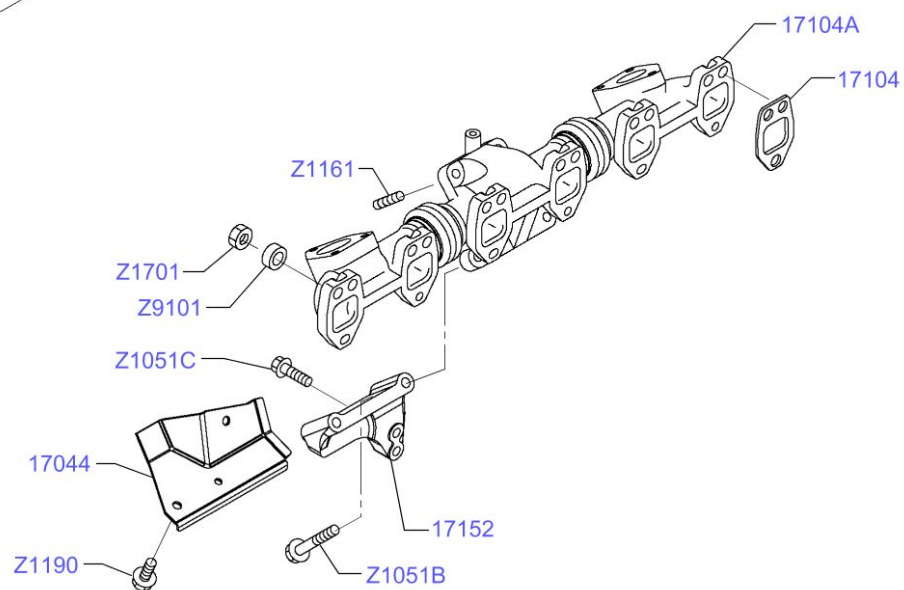
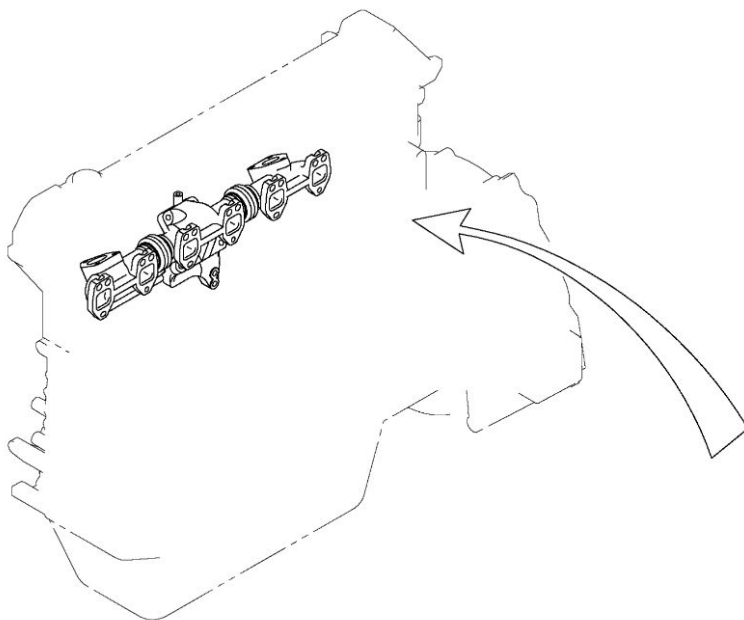
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		CAMSHAFT AND IDLE GEAR			
	.				
13050	VH13050E0060	GEAR ASSY, CAMSHAFT TIMING	1		
13501	VH13501E0300	CAMSHAFT SUB-ASSY	1		
13505	VH13508E0590	GEAR SUB-ASSY, IDLE	1		
13508	VH13508E0331	GEAR SUB-ASSY, IDLE	1		
13572	VHS135721271	PLATE, IDLE GEAR THRUST	1		
13572A	VHS135721230	PLATE, IDLE GEAR THRUST	1		
13581	VHS135811440	SHAFT, IDLE GEAR	1		
13581A	VHS135811530	SHAFT, IDLE GEAR	1		
Z9102	VHSZ91024264	BOLT	1		
Z9102A	VHSZ91024265	BOLT	1		
Z9102B	VHSZ91024338	BOLT	1		1212-1512
Z9102B	VHSZ91024491	BOLT	1		1512-
	.				
10-00					
12-00					
14-00					

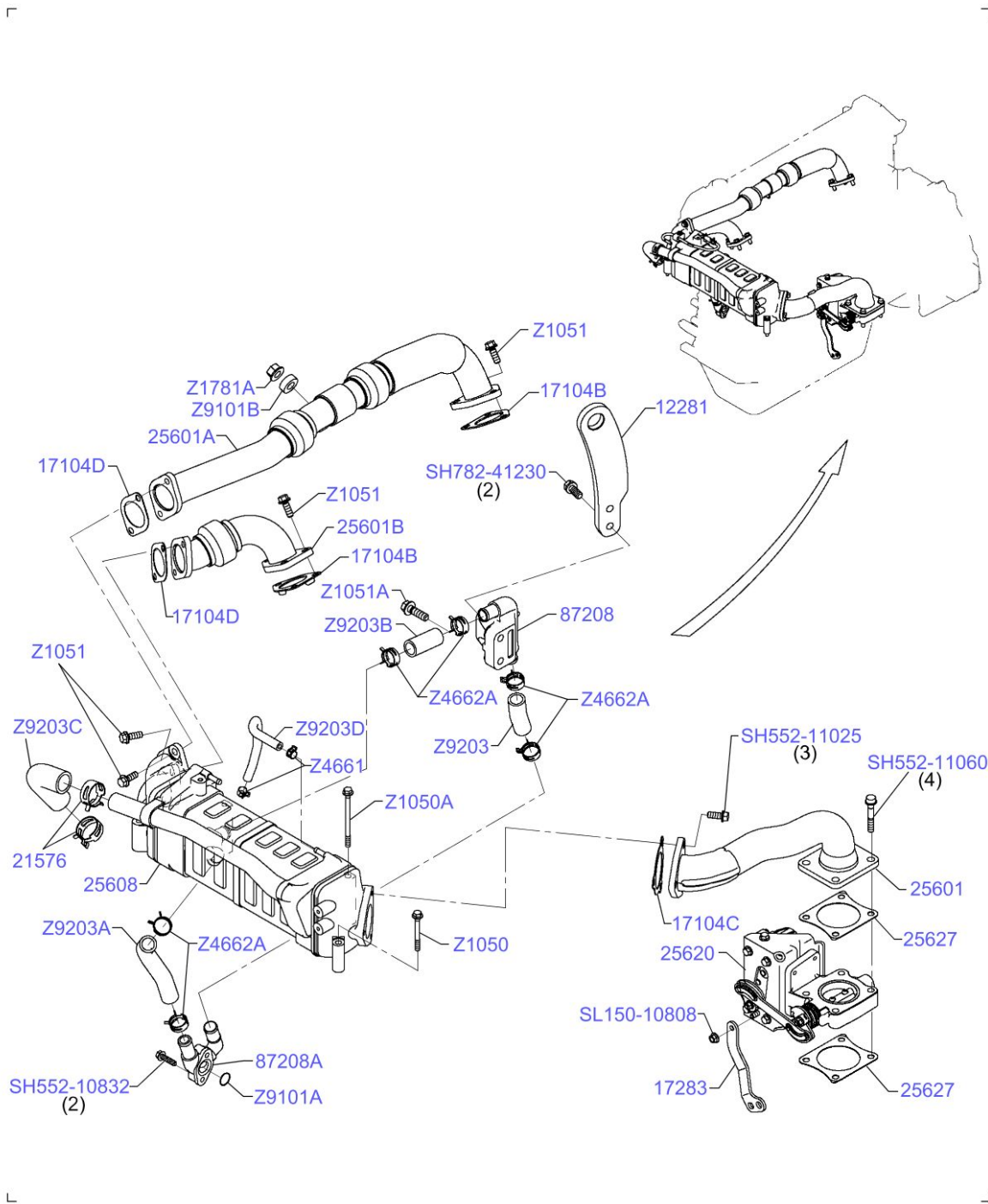


ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
	.	VALVE SYSTEM			
13706	VHS137061080	CROSSHEAD SUB ASSY	12		
13709	VHS137091030	SCREW SUB ASSY, VALVE ADJ	12		
13711	VHS137111632	VALVE, INTAKE, STD	12		
13715	VHS137151733	VALVE, EXH, STD	12		
13719	VHS137191470	SEAL, VALVE STEM OIL	24		
13731	VHS137311610	SPRING, VALVE, OUTER	24		
13732	VHS137321500	SPRING, VALVE, INNER	24		
13734	VH13734E0020	SEAT, VALVE SPRING	24		
13735	VHS137351470	SEAT, VALVE SPG, UPR	24		
13787	VHS137871210	SCREW, VALVE ADJ	12		
13788	VHS137881030	NUT, VALVE ADJ SCREW	1		
13788	VHS137881030	NUT, VALVE ADJ SCREW	12		
13801	VH13801E0070	ARM SUB-ASSY, VALVE ROCKER, NO.1	6		
13802	VH13802E0010	ARM SUB-ASSY, VALVE ROCKER, NO.2	6		
13901	VHS139011390	SHAFT SUB ASSY, VALVE ROCKER	1		
13951	VH13951E0030	SUPPORT, VALVE ROCKER	7		
Z1091	VHSZ10910057	BOLT, FLANGE	5		
Z1091	VHSZ10910057	BOLT, FLANGE	2		
Z9102	VHSZ91026013	LOCK, VALVE SPG RETAINER	48		
Z9102A	VHSZ91029116	COLLAR	6		
10-00	.				

エア インテーク アンド エグゼースト システム・AIR INTAKE AND EXHAUST SYSTEM

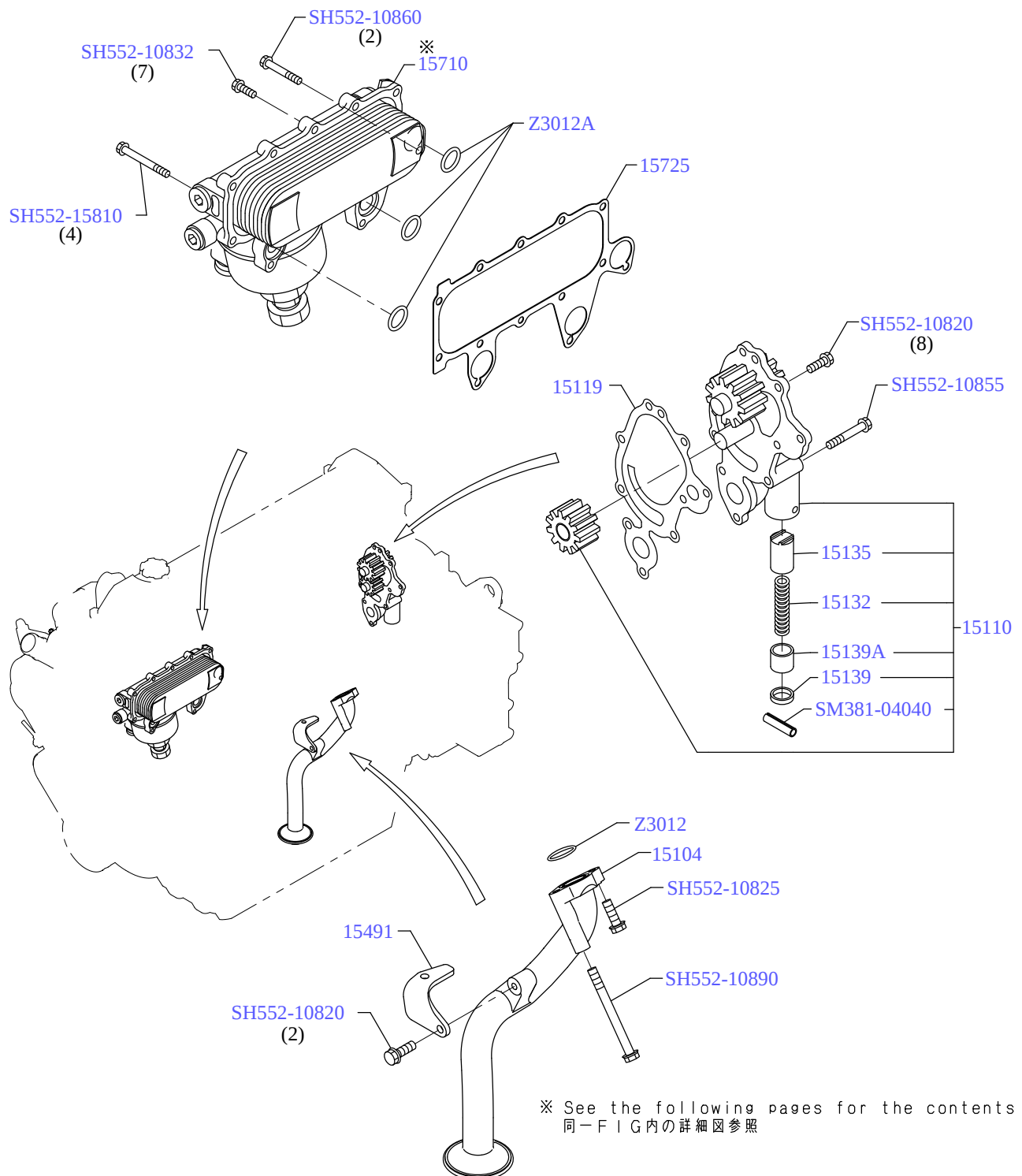


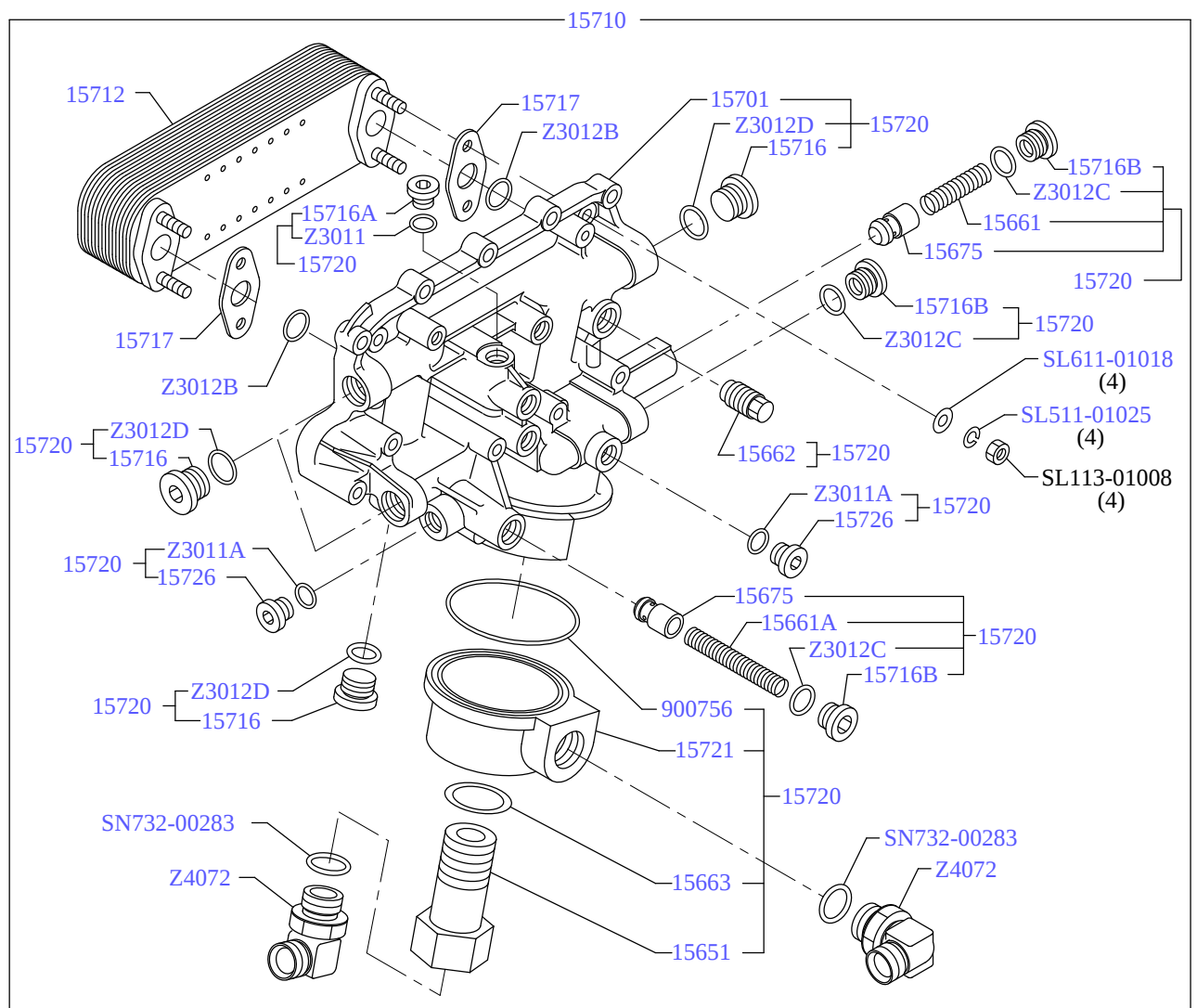




ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		AIR INTAKE AND EXHAUST SYSTEM			
	.				
12281	VH12281E0121	HANGER, ENGINE	1		
17044	VHS170444610	INSULATOR SUB ASSY, EXH	1		
17103	VH17103E0E20	PIPE SUB-ASSY, INTAKE	1		
17104	VHS171041610	GASKET SUB ASSY, EXH MFLD	6		
17104A	VH17104E0120	MANIFOLD SUB-ASSY, EXHAUST	1		
17104B	VHS171041990	GASKET SUB ASSY, EXH MFLD	1		
17104B	VHS171041990	GASKET SUB ASSY, EXH MFLD	1		
17104C	VHS171042000	GASKET SUB ASSY, EXH MFLD	1		1212-1401
17104C	VH25634E0020	GASKET, EGR PIPE	1		1401-
17104D	VH25634E0010	GASKET, EGR PIPE	1		
17104D	VH25634E0010	GASKET, EGR PIPE	1		
17111	VH17111E0262	MANIFOLD, INTAKE	1		
17113	VH17113E0S70	PIPE, INTAKE	1		
17136	VHS171365492	BRACKET, INTAKE PIPE	1		
17152	VHS171522580	BRACKET, EXH MFLD	1		
17171	VH17171E0160	GASKET, INTAKE MANIFOLD	1		
17171A	VH17171E0080	GASKET, INTAKE MANIFOLD	2		
17283	VH17283E0010	STAY, EXHAUST GAS CONTROL VALVE OUTLET	1		
21576	VH21576E0030	CLIP	2		
25601	VH25601E0310	PIPE SUB-ASSY, EGR	1		
25601A	VH25601E0540	PIPE SUB-ASSY, EGR	1		
25601B	VH25601E0342	PIPE SUB-ASSY, EGR	1		
25608	VH25608E0050	COOLER SUB-ASSY, EGR	1		
25620	VH25620E0244	VALVE ASSY, EGR	1		1212-1301
25620	VH25620E0245	VALVE ASSY, EGR	1		1301-1402
25620	VH25620E0246	VALVE ASSY, EGR	1		1402-1511
25620	VH25620E0247	VALVE ASSY, EGR	1		1511-1605
25620	VH25620E0248	VALVE ASSY, EGR	1		1605-1608
25620	VH25620E0249	VALVE ASSY, EGR	1		1608-
25627	VH25627E0070	GASKET, EGR VALVE	2		
26100	VH26100E0273	BODY ASSY, DIESEL THROTTLE	1		
87208	VH87208E0301	PIPE SUB-ASSY, WATER	1		
87208A	VH87208E0320	PIPE SUB-ASSY, WATER	1		
SH552-10800	VHSH55210800	BOLT, FLANGE	5		
SH552-10832	VHSH55210832	BOLT, FLANGE	2		
SH552-10835	VHSH55210835	BOLT, FLANGE	2		
SH552-10855	VHSH55210855	BOLT, FLANGE	5		
SH552-10860	VHSH55210860	BOLT, FLANGE	4		
SH552-11000	VHSH55211000	BOLT, FLANGE	3		
SH552-11025	VHSH55211025	BOLT, FLANGE	3		

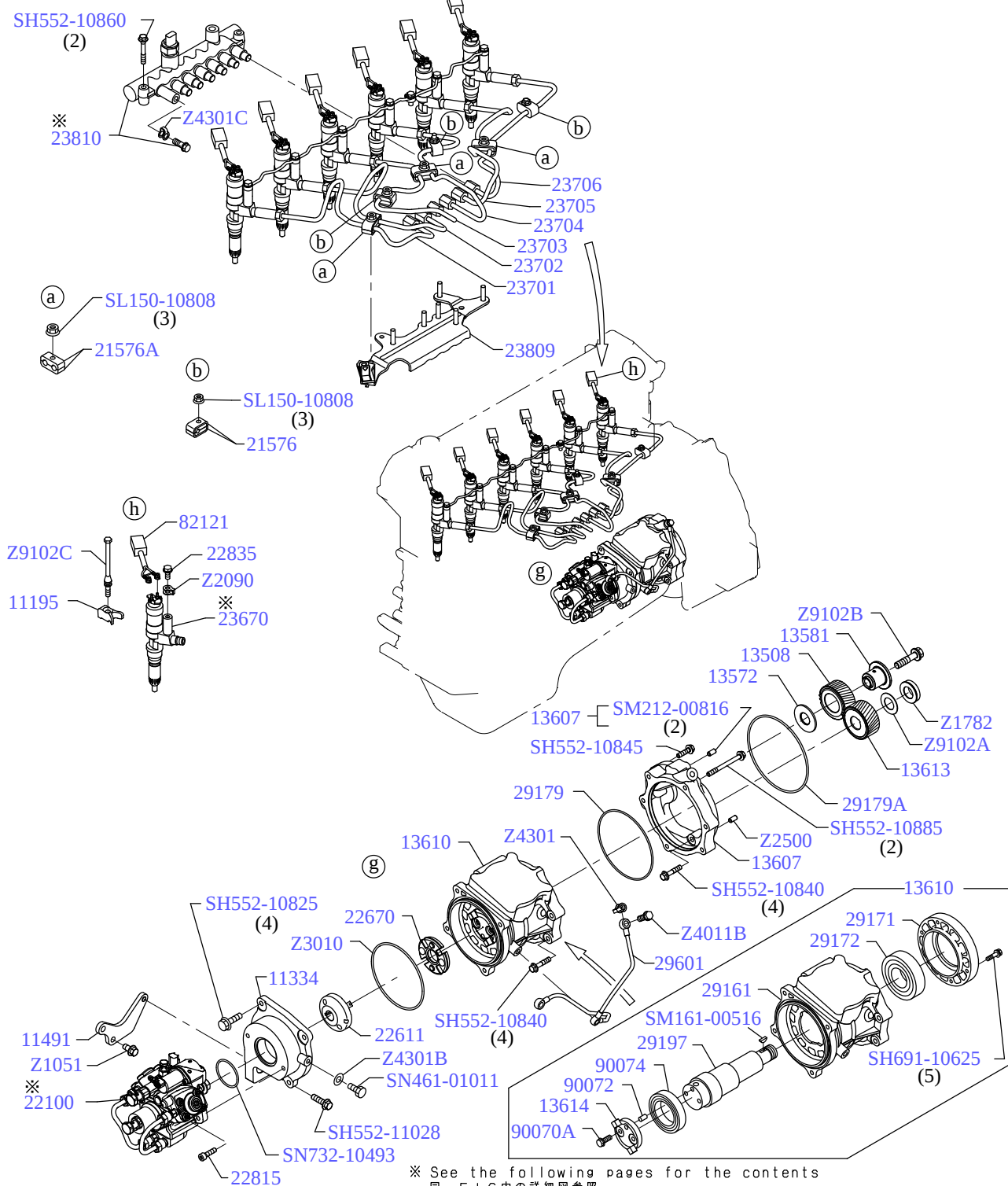
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
SH552-11045	VHSH55211045	BOLT, FLANGE	2		
SH552-11060	VHSH55211060	BOLT, FLANGE	4		
SH552-11090	VHSH55211090	BOLT, FLANGE	2		
SH552-15845	VHSH55215845	BOLT, FLANGE	2		
SH782-41230	VHSH78241230	BOLT, W/WASHER	2		
SJ122-00830	VHSJ12200830	STUD	7		
SJ172-01038	VHSJ17201038	STUD	2		
SL150-10808	VHSL15010808	NUT	1		
SL150-10808	VHSL15010808	NUT	4		
SL150-41010	VHSL15041010	NUT	2		
SL722-01010	VHSL72201010	WASHER, SOFT	1		
SN460-01007	VHSN46001007	PLUG	1		
Z1050	VHSZ10508025	BOLT, FLANGE	2		
Z1050A	VHSZ10508044	BOLT, FLANGE	2		
Z1051	VHSZ10510052	BOLT, FLANGE	5		
Z1051	VHSZ10510052	BOLT, FLANGE	5		
Z1051A	VHSZ10512023	BOLT, FLANGE	2		
Z1051B	VHSZ10510002	BOLT	2		
Z1051C	VHSZ10510023	BOLT, FLANGE	2		
Z1161	VHSZ11610107	STUD	2		
Z1190	VHSZ11908216	BOLT, W/WASHER	3		
Z1701	VHSZ17010022	NUT	18		
Z1781A	VHSZ17810007	NUT	1		
Z4661	VHSZ46613007	CLIP	2		
Z4662A	VHSZ46626002	CLIP	2		
Z4662A	VHSZ46626002	CLIP	2		
Z4662A	VHSZ46626002	CLIP	2		
Z9101	VHSZ91016217	SPACER	18		
Z9101A	VHSZ91015133	GASKET	1		
Z9101B	VHSZ91016217	SPACER	1		
Z9203	VHSZ92034278	HOSE, WATER	1		1212-1405
Z9203	VH87245E0M90	HOSE, WATER	1		1405-
Z9203A	VHSZ92034345	HOSE, WATER	1		1212-1405
Z9203A	VH87245E0M80	HOSE, WATER	1		1405-
Z9203B	VHSZ92034346	HOSE, WATER	1		1212-1405
Z9203B	VH87245E0M70	HOSE, WATER	1		1405-
Z9203C	VHSZ92034347	HOSE, WATER	1		
Z9203D	VHSZ92034349	HOSE, WATER	1		

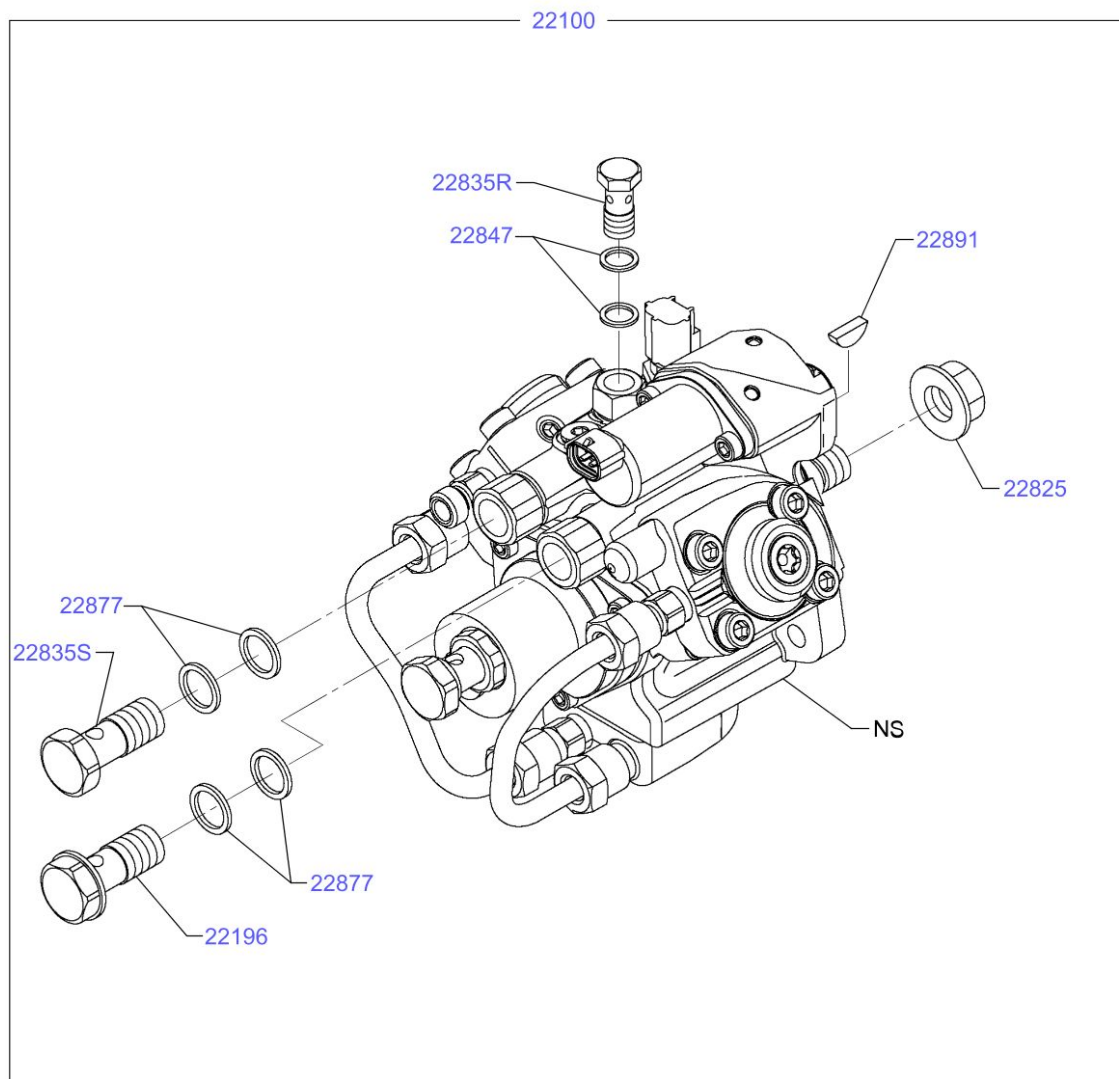


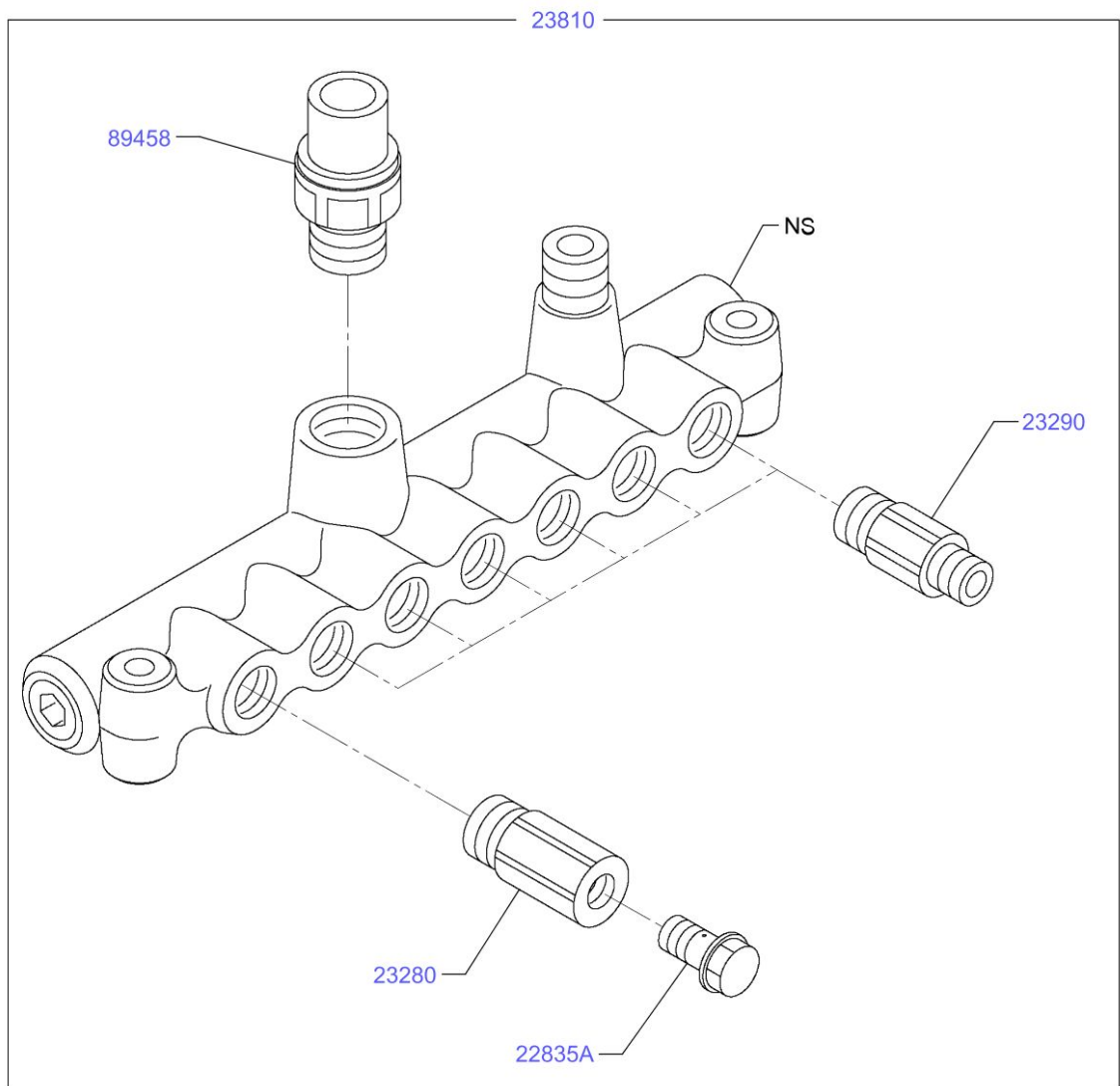


ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		LUBRICATION			
	.				
15104	VH15104E0020	STRAINER SUB-ASSY, OIL	1		
15110	VH15110E0020	PUMP ASSY, OIL L/STRAINER	1		1212-1607
15110	VH15110E0021	PUMP ASSY, OIL L/STRAINER	1		1607-1701
15110	VH15110E0022	PUMP ASSY, OIL L/STRAINER	1		1701-
15119	VHS151191134	GASKET, OIL PUMP COVER	1		
15132	VHS151321070	SPRING, OIL PUMP RELIEF VALVE	1		
15135	VHS151351100	VALVE, OIL PUMP SAFETY	1		
15139	VHS151391110	SEAT, SPG OIL PUMP	1		
15139A	VHS151391120	SEAT, SPG OIL PUMP	1		
15491	VHS154918981	BRACKET, PIPE	1		
15651	VHS156511780	BOLT	1		
15661	VHS156611450	SPRING, OIL VALVE	1		
15661A	VHS156611510	SPRING, OIL VALVE	1		
15662	VHS156621320	PLUG, OIL VALVE	1		
15663	VHS156631120	GASKET, OIL PLUG	1		
15675	VHS156751020	VALVE, OIL RELIEF	2		
15701	VHS157012351	CASE SUB ASSY, OIL COOLER	1		
15710	VH15710E0113	COOLER ASSY, OIL	1		1212-1506
15710	VH15710E0114	COOLER ASSY, OIL	1		1506-
15712	VHS157121960	ELEMENT, OIL COOLER	1		1212-1506
15712	VH16491EV020	COOLER, OIL	1		1506-
15716	VHS157161100	PLUG, VALVE SPG	4		
15716A	VHS157161130	PLUG, VALVE SPG	1		
15716B	VHS157161150	PLUG, VALVE SPG	3		
15717	VHS157171320	GASKET, OIL COOLER ELEMENT	2		
15720	VHS157201592	CASE ASSY, OIL COOLER	1		
15721	VHS157211170	COVER, OIL COOLER	1		
15725	VH15725E0030	GASKET, OIL COOLER COVER	1		1606-
15726	VHS157261110	PLUG, BLIND	2		
900756	VHS900756246	O-RING	1		
SH552-10820	VHSH55210820	BOLT, FLANGE	8		
SH552-10820	VHSH55210820	BOLT, FLANGE	2		
SH552-10825	VHSH55210825	BOLT, FLANGE	1		
SH552-10832	VHSH55210832	BOLT, FLANGE	7		
SH552-10855	VHSH55210855	BOLT, FLANGE	1		
SH552-10860	VHSH55210860	BOLT, FLANGE	2		
SH552-10890	VHSH55210890	BOLT, FLANGE	1		
SH552-15810	VHSH55215810	BOLT, FLANGE	4		
SL110-01008	VHSL11001008	NUT	4		

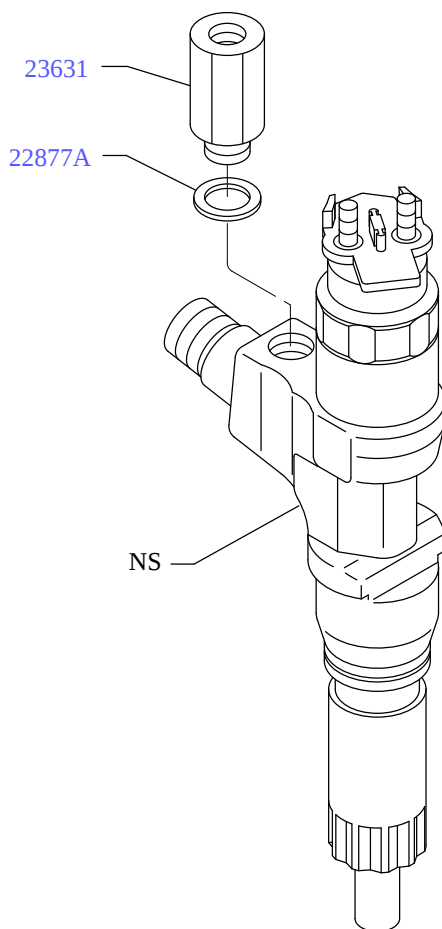
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
SL511-01025	VHSL51101025	LOCKWASHER	4		
SL611-01018	VHSL61101018	WASHER, PLAIN	4		
SM381-04040	VHSM38104040	PIN, COTTER	1		
SN732-00283	VHSN73200283	O-RING	2		
Z3011	VHSZ30112007	O-RING	1		
Z3011A	VHSZ30118015	O-RING	2		
Z3012	VHSZ30129010	O-RING	1		
Z3012A	VHSZ30125018	O-RING	3		1212-1606
Z3012A	VH15518E0030	RING, O	3		1606-
Z3012B	VHSZ01046066	O-RING	2		
Z3012C	VHSZ30120005	O-RING	3		
Z3012D	VHSZ30121012	O-RING	4		
Z4072	VHSZ40725005	ELBOW	2		1212-

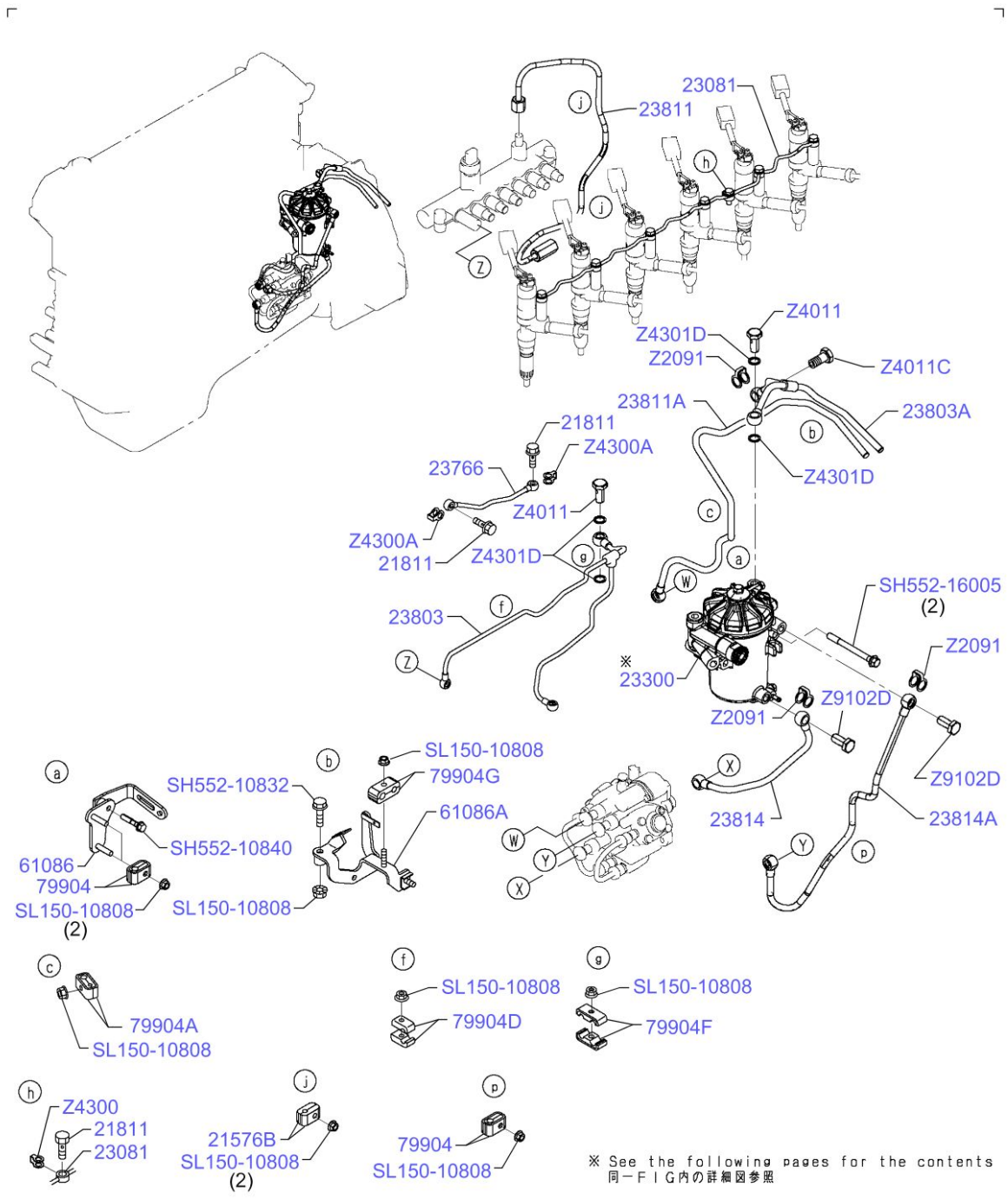


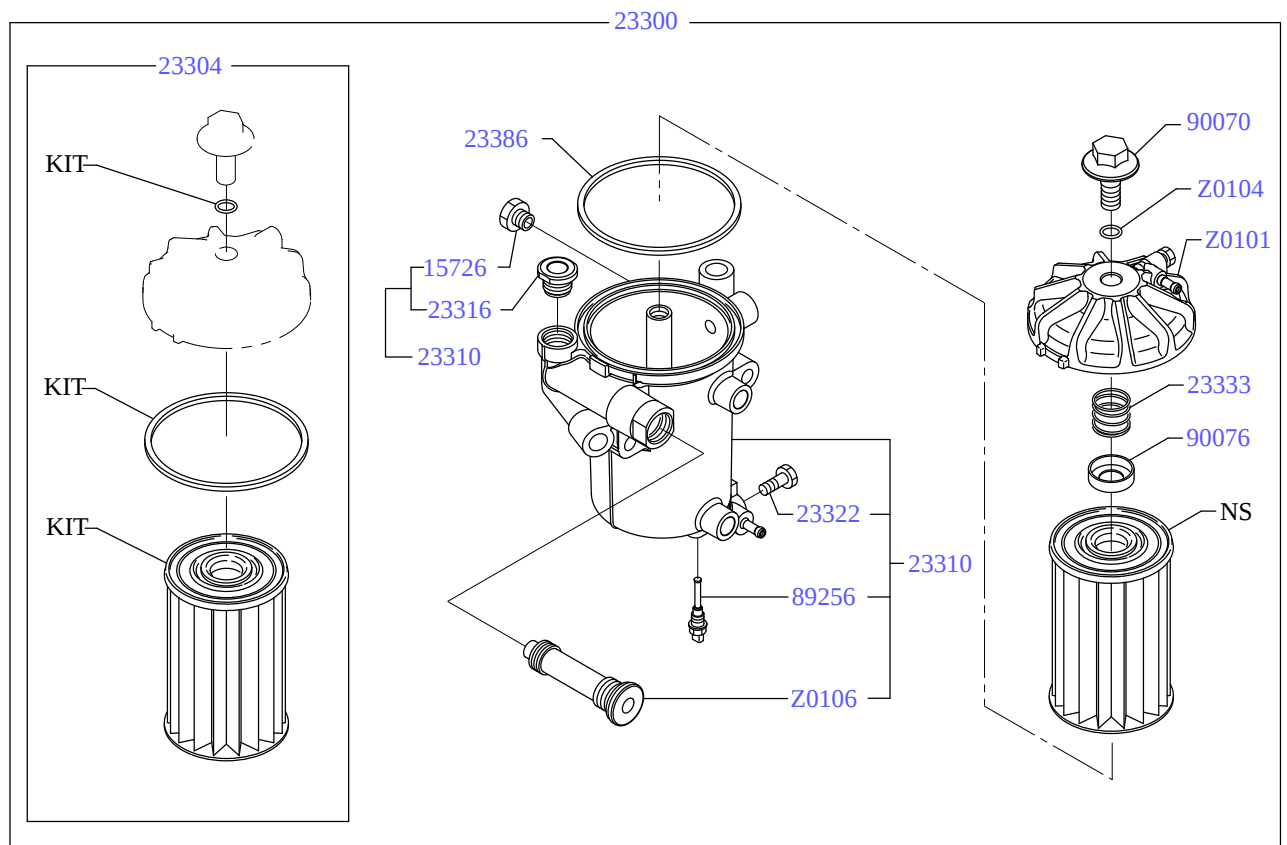




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ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		FUEL SYSTEM			
	.				
11195	VHS111951180	CLAMP, NOZZLE HOLDER	6		
11334	VH11334E0060	HOLDER, INJECTION PUMP DRIVE SHAFT BRG	1		
11491	VHS114912570	BRACKET, INJ.PUMP	1		
13508	VH13508E0341	GEAR SUB-ASSY, IDLE	1		
13572	VHS135721490	PLATE, IDLE GEAR THRUST	1		
13581	VH13581E0210	SHAFT, IDLE GEAR	1		
13607	VH13607E0011	CASE SUB-ASSY, INJECTION PUMP DRIVE	1		
13610	VH13610E0051	SHAFT ASSY, INJECTION PUMP DRIVE HOUSING	1		1212-1408
13610	VH13610E0052	SHAFT ASSY, INJECTION PUMP DRIVE HOUSING	1		1408-
13613	VH13613E0121	GEAR, INJECTION PUMP DRIVE	1		
13614	VH13614EV010	COUPLING, SUPPLY PUMP DRIVE	1		1212-1408
13614	VHS2911EV060	COUPLING, COMPRESSOR	1		1408-
15726	VHS157261200	PLUG, BLIND	1		
21576	VH21576E0010	CLIP	6		
21576A	VH21576E0020	CLIP	6		
21576B	VH21576E0010	CLIP	4		
21811	VH21811E0060	BOLT, UNION	1		
21811	VH21811E0060	BOLT, UNION	2		
22100	VH22100E0531	PUMP ASSY, SUPPLY	1		1212-1702
22100	VH22100E0532	PUMP ASSY, SUPPLY	1		1702-
22196	VH22196E0020	SCREW, FUEL INLET HOLLOW	1		
22611	VH22633E0060	FLANGE, COUPLING	1		
22670	VH22670E0041	COUPLING ASSY	1		
22815	VHS228153740	BOLT	3		
22825	VHS228252570	NUT	1		
22835	VHS228351570	BOLT, JOINT	6		
22835A	VHS228351610	BOLT, JOINT	1		
22835R	VHS228351110	BOLT, JOINT	1		
22835S	VHS228351310	BOLT, JOINT	1		
22847	VHS228471900	GASKET	2		
22877	VHS228771100	WASHER, SPECIAL	4	T=1.4	
22877A	VHS228772470	WASHER, SPECIAL	1		
22891	VHS228911200	KEY	1		
23081	VHS230812640	PIPE SUB ASSY, NOZZLE LEAKAGE	1		
23146	VH23146EV010	VALVE	1		1309-
23280	VH23280E0020	LIMITTER ASSY, FUEL PRESSURE	1		
23290	VH23290E0010	DAMPER ASSY, FUEL SUCTION	6		
23300	VH23300E0351	FILTER ASSY, FUEL	1		1212-1309
23300	VH23300E0352	FILTER ASSY, FUEL	1		1309-1501
23300	VH23300E0353	FILTER ASSY, FUEL	1		1501-
23304	VH23304EV031	ELEMENT SET, FUEL FILTER	1		1212-1501
23304	VH23304EV330	ELEMENT SET, FUEL FILTER	1		1501-
23310	VH23310EV031	BODY ASSY, FUEL FILTER	1		1212-1309
23310	VH23310EV032	BODY ASSY, FUEL FILTER	1		1309-
23316	VHS233161260	PLUG, AIR	1		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
23322	VH23322EV010	PLUG, AIR	1		
23333	VHS233331130	SPRING, FILTER ELEMENT SET	1		
23386	VH23386EV010	GASKET, FUEL FILTER CASE	1		
23631	VHS236311170	LEAKAGE CONNECTOR	1		
23670	VH23670E0400	INJECTOR ASSY	6		
23701	VH23701E0140	PIPE SUB-ASSY, INJECTION, NO.1	1		
23702	VH23702E0180	PIPE SUB-ASSY, INJECTION, NO.2	1		
23703	VH23703E0140	PIPE SUB-ASSY, INJECTION, NO.3	1		
23704	VH23704E0180	PIPE SUB-ASSY, INJECTION, NO.4	1		
23705	VH23705E0100	PIPE SUB-ASSY, INJECTION, NO.5	1		
23706	VH23706E0130	PIPE SUB-ASSY, INJECTION, NO.6	1		
23766	VHS237662860	PIPE, THROUGH FEED	1		1212-1512
23766	VH23803E0D50	PIPE SUB-ASSY, FUEL RETURN	1		1512-
23803	VH23803E0390	PIPE SUB-ASSY, FUEL RETURN	1		
23803A	VH23803E0640	PIPE SUB-ASSY, FUEL RETURN	1		
23809	VH23809E0370	SUPPORT SUB-ASSY, FUEL PIPE	1		
23810	VH23810E0170	RAIL ASSY, COMMON	1		
23811	VH23811E0600	PIPE, FUEL, NO.1	1		
23811A	VH23811E0A70	PIPE, FUEL, NO.1	1		
23814	VH23814E0501	PIPE, FUEL DELIVERY	1		
23814A	VH23814E0B80	PIPE, FUEL DELIVERY	1		
29161	VHS291611490	BLOCK, CYL	1		1212-1408
29161	VHS29A2EV080	BLOCK, COMPRESSOR CYLINDER	1		1408-
29171	VHS291711360	BEARING, HOLDER	1		1212-1408
29171	VHS2971EV040	BEARING, HOLDER	1		1408-
29172	VHS291721220	BEARING	1		1212-1408
29172	VHS2962EV040	BEARING, BALL	1		1408-
29179	VHS291791150	O-RING	1		
29179A	VHS291791160	O-RING	1		
29197	VHS291971570	CRANKSHAFT	1		1212-1408
29197	VHS2997EV050	SHAFT, CRANK	1		1408-
29601	VHS296012151	PIPE SUB ASSY, OIL	1		
61086	VH61086E0010	BRACKET SUB-ASSY, FUEL INLET PIPE	1		1212-1410
61086	VH61086E0011	BRACKET SUB-ASSY, FUEL INLET PIPE	1		1410-
61086A	VH61086E0210	BRACKET SUB-ASSY, FUEL INLET PIPE	1		
79904	VHS799041220	CLIP SUB ASSY	2		
79904	VHS799041220	CLIP SUB ASSY	4		
79904A	VHS799043390	CLIP SUB ASSY	2		
79904D	VHS799041240	CLIP SUB ASSY	2		
79904F	VHS799041320	CLIP SUB ASSY	2		
79904G	VHS799041021	CLIP SUB ASSY	2		
82121	VH82121E0611	WIRE, ENGINE	6		
89256	VH89256EV010	SENSOR, LEVEL WARNING	1		
89458	VH89458E0030	SENSOR, FUEL PRESSURE	1		
90070	VHS900700293	BOLT	1		
90070A	VHS900700327	BOLT	2		1212-1408
90070A	VHS900700327	BOLT	3		1408-

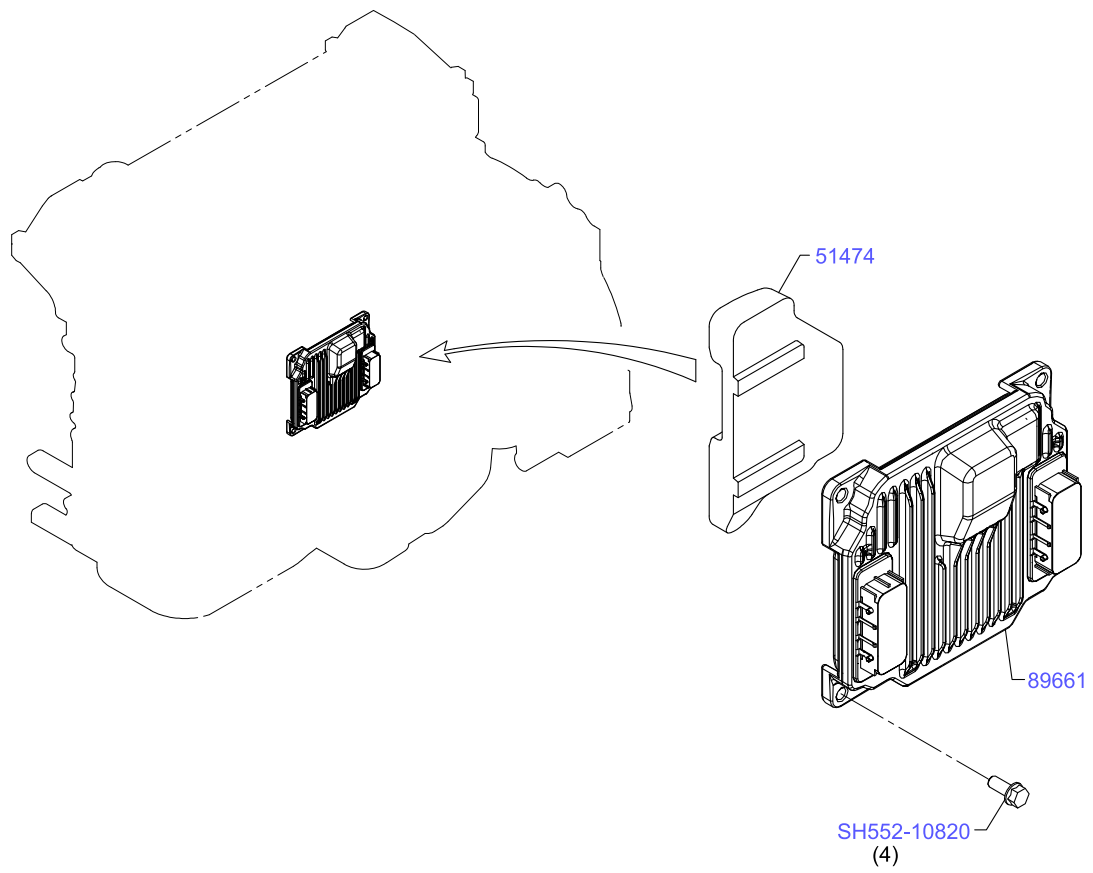
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
90072	VHS900727136	PIN	1		
90074	VHS900740116	BEARING	1		1212-1408
90074	VHS2962EV030	BEARING, BALL	1		1408-
90076	VHS900766120	HOLDER	1		
SH552-10825	VHSH55210825	BOLT, FLANGE	4		
SH552-10832	VHSH55210832	BOLT, FLANGE	1		
SH552-10840	VHSH55210840	BOLT, FLANGE	8		
SH552-10840	VHSH55210840	BOLT, FLANGE	1		
SH552-10845	VHSH55210845	BOLT, FLANGE	1		
SH552-10860	VHSH55210860	BOLT, FLANGE	2		
SH552-10885	VHSH55210885	BOLT, FLANGE	2		
SH552-11028	VHSH55211028	BOLT, FLANGE	1		
SH552-16005	VHSH55216005	BOLT, FLANGE	2		
SH691-10625	VHSH69110625	BOLT	5		
SL150-10808	VHSL15010808	NUT	6		
SL150-10808	VHSL15010808	NUT	4		
SL150-10808	VHSL15010808	NUT	2		
SL150-10808	VHSL15010808	NUT	2		
SL150-10808	VHSL15010808	NUT	1		
SL150-10808	VHSL15010808	NUT	1		
SL150-10808	VHSL15010808	NUT	1		
SM161-00516	VHSM16100516	KEY, WOODRUFF	1		
SM212-00816	VHSM21200816	PIN, STRAIGHT	2		
SN461-01011	VHSN46101011	PLUG	1		
SN732-10493	VHSN73210493	O-RING	1		
Z0101	VHSZ01011003	CAP	1		
Z0104	VHSZ01046013	O-RING	1		
Z0104A	VHSZ01046088	O-RING	1		1309-
Z0106	VHSZ01064001	SHAFT	1		
Z1051	VHSZ10510041	BOLT, FLANGE	2		
Z1782	VHSZ17824002	NUT	1		
Z2090	VHSZ20908024	WASHER	6		
Z2091	VHSZ20914017	WASHER, SOFT	3		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
Z2500	VHSZ25008007	PIN	2		
Z3010	VHSZ30101054	O-RING	1		
Z4011	VHSZ40114004	BOLT	1		
Z4011	VHSZ40114004	BOLT	1		
Z4011B	VHSZ40110019	BOLT	3		
Z4011C	VH21814E0270	BOLT	1		1212-1301
Z4011C	VHSZ40114031	BOLT	1		1301-1308
Z4011C	VH21814E0270	BOLT	1		1308-
Z4300	VHSZ43008012	WASHER, SOFT	1		1212-1611
Z4300	VHSZ20908024	WASHER	1		1611-
Z4300A	VHSZ43008013	WASHER, SOFT	2		
Z4301	VHSZ43010011	WASHER, SOFT	3		
Z4301B	VHSZ43010004	WASHER, SOFT	1		
Z4301C	VHSZ43010011	WASHER, SOFT	1		
Z4301D	VHSZ43014003	WASHER, SOFT	2		
Z4301D	VHSZ43014003	WASHER, SOFT	2		
Z9102A	VHSZ91029033	COLLAR	1		
Z9102B	VHSZ91024489	BOLT	1		
Z9102C	VHSZ91024336	BOLT	6		1212-1302
Z9102C	VHSZ91024496	BOLT	6		1302-
Z9102D	VHSZ91024452	BOLT	2		

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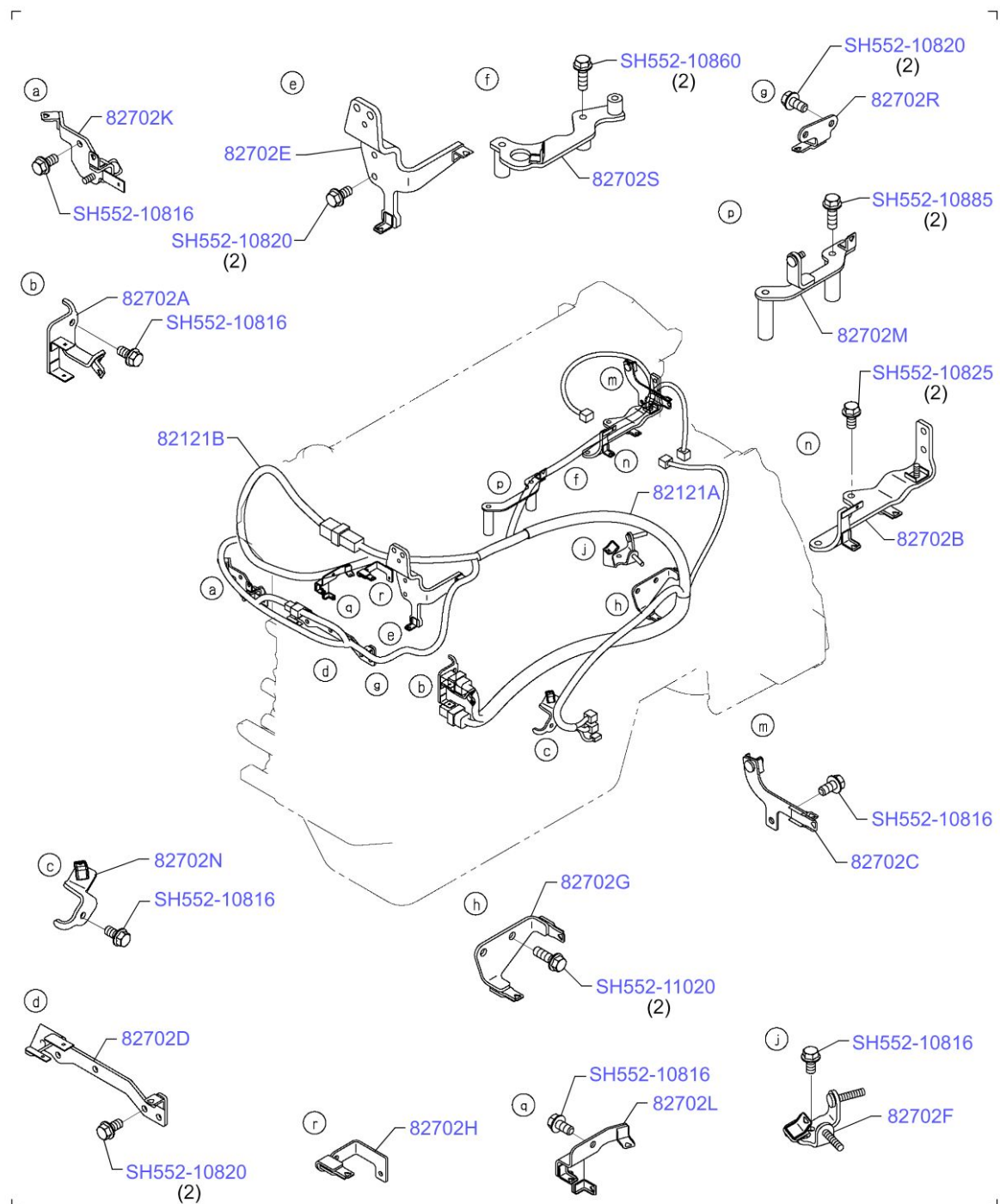


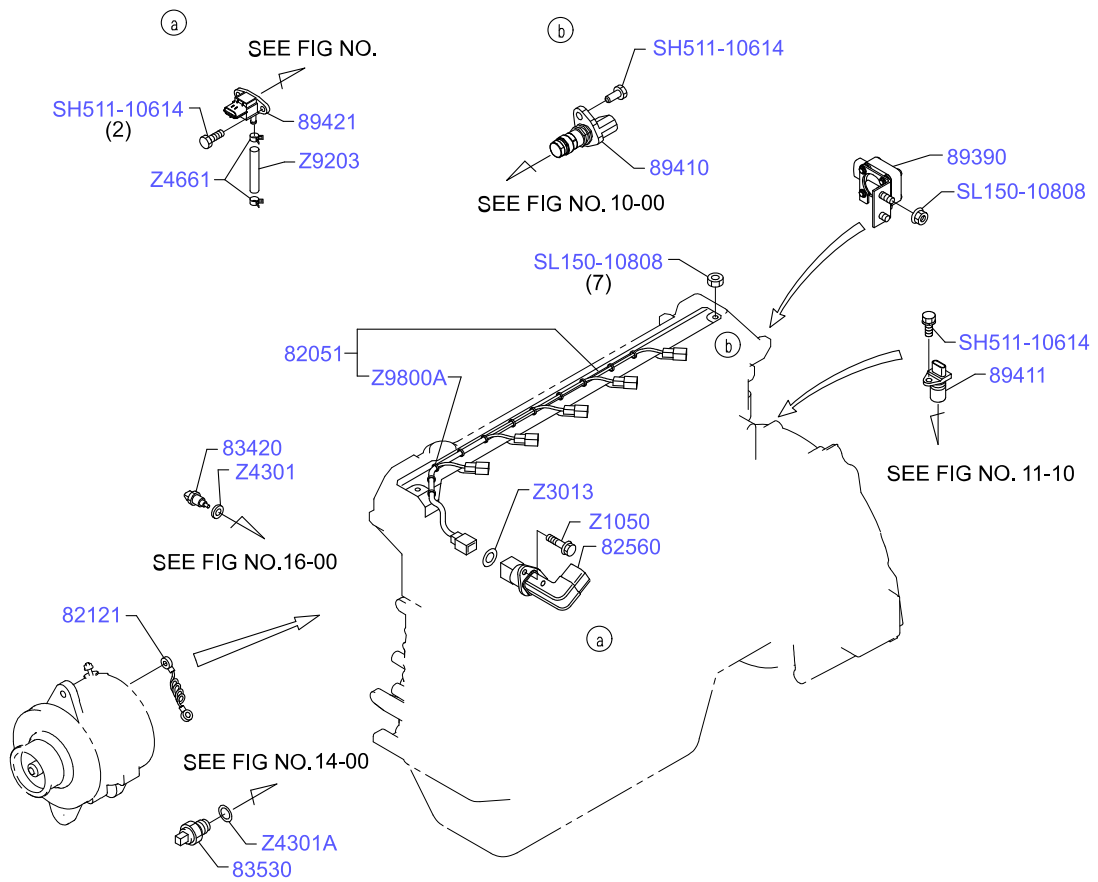
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		COOLING SYSTEM			
	.				
12575	VHS125751131	SILENT, BLOCK	8		
16100	VH16100E0770	PUMP ASSY, WATER	1		
16173	VH16173E0261	PULLEY, WATER PUMP	1		
16303	VH16303E0161	HOUSING SUB-ASSY, WATER OUTLET	1		
16304	VH16304E0241	OUTLET SUB-ASSY, WATER	1		
16321	VH16321E0161	INLET, WATER	1		
16325	VHS163251400	GASKET, THERMOSTAT	1		
16329	VHS163291450	BRACKET	1		
16365	VH16365E0031	SPACER, FAN	1		
16701	VH16701E0680	SHROUD SUB-ASSY, FAN	1		
16705	VH16705E0351	BRACKET SUB-ASSY, FAN SHROUD	1		
16705A	VH16705E0360	BRACKET SUB-ASSY, FAN SHROUD	1		
16715	VH16715E0810	BRACKET, FAN SHROUD	1		
91551-F0825	VH91551F0825	BOLT, FLANGE	3		
91551-F0832	VH91551F0832	BOLT, FLANGE	2		
91551-F0865	VH91551F0865	BOLT, FLANGE	3		
S1632	VHS1632E9010	THERMOSTAT SET	1		
SH552-10820	VHSH55210820	BOLT, FLANGE	2		
SH552-10825	VHSH55210825	BOLT, FLANGE	2		
SH552-10825	VHSH55210825	BOLT, FLANGE	3		
SH552-10840	VHSH55210840	BOLT, FLANGE	2		
SH552-10845	VHSH55210845	BOLT, FLANGE	2		
SH552-10860	VHSH55210860	BOLT, FLANGE	2		
SH552-10865	VHSH55210865	BOLT, FLANGE	1		
SH552-11030	VHSH55211030	BOLT, FLANGE	8		
SJ182-01025	VHSJ18201025	BOLT, STUD	6		
Z1050	VHSZ10508024	BOLT, FLANGE	3		
Z1050	VHSZ10508024	BOLT, FLANGE	2		
Z1050A	VHSZ10508026	BOLT, FLANGE	4		
Z1190	VHSZ11908194	BOLT	4		
Z3015	VHSZ30153006	O-RING	1		1212-1508
Z3015	VHSZ30153007	RING, O	1		1508-
Z3016	VHSZ30160008	O-RING	1		1212-1508
Z3016	VHSZ30159006	RING, O	1		1508-
Z3411	VHSZ34116009	PLUG	1		
Z4301	VHSZ43016004	WASHER, SOFT	1		

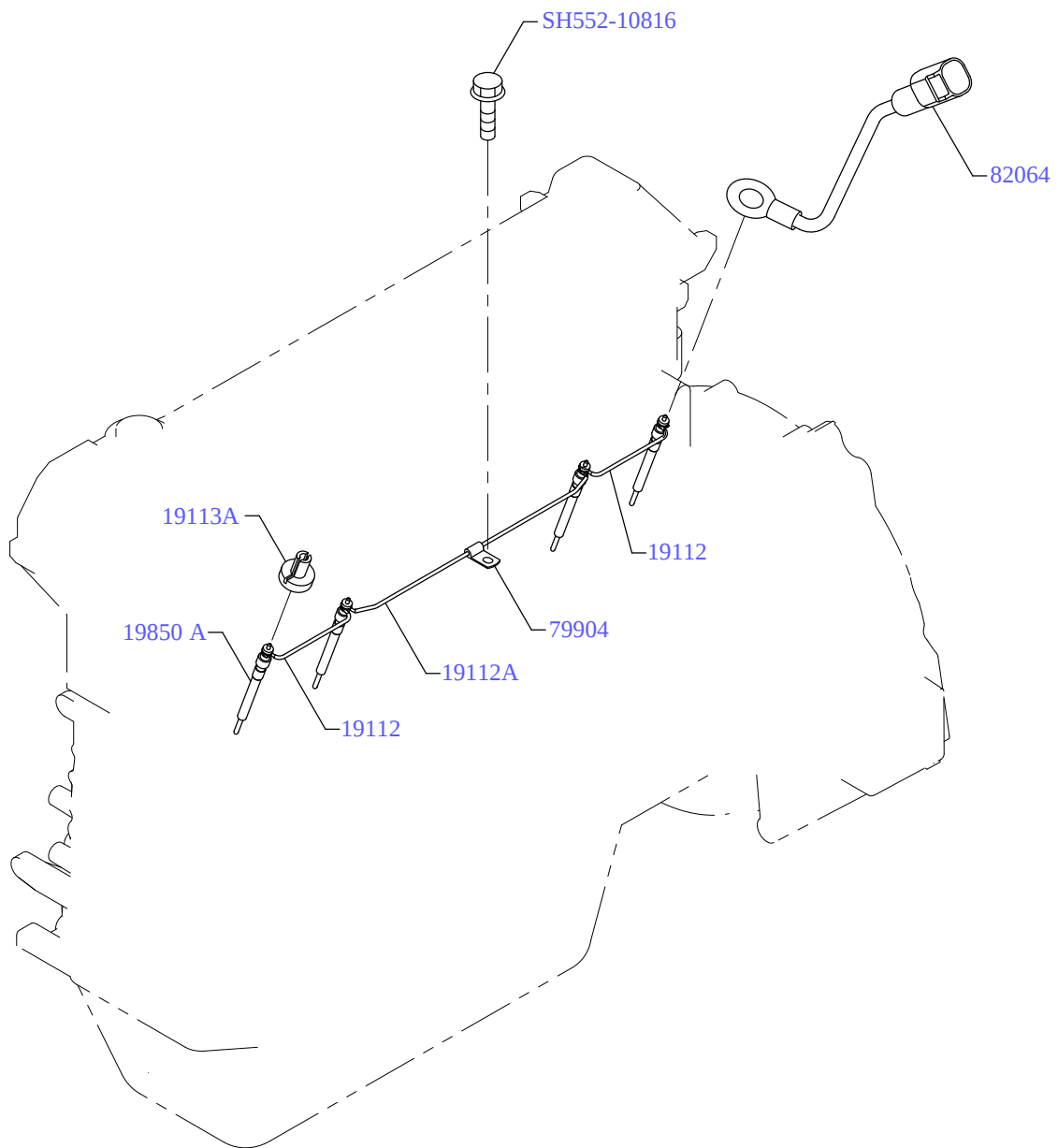


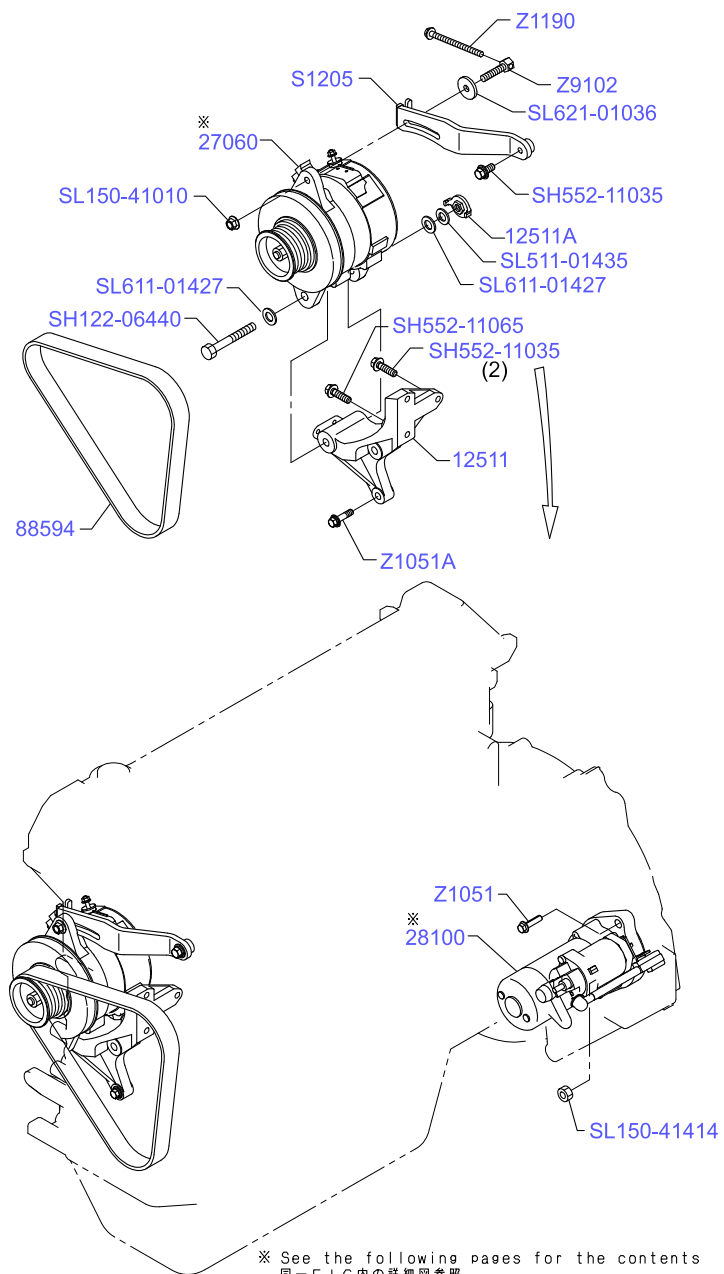
ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		ENGINE CONTROL SYSTEM			
	.				
51474	VH51474E0190	COVER, ENGINE UNDER, NO.5 RR	1		
89661	VH89661E0064	COMPUTER, ENGINE CONTROL	1		1212-1301
89661	VH89661E0065	COMPUTER, ENGINE CONTROL	1		1301-1406
89661	VH89661E0066	COMPUTER, ENGINE CONTROL	1		1406-1602
89661	VH89661E0067	COMPUTER, ENGINE CONTROL	1		1602-
89661	VH89661E0064	COMPUTER, ENGINE CONTROL	1		1212-1301
89661	VH89661E0065	COMPUTER, ENGINE CONTROL	1		1301-1406
89661	VH89661E0066	COMPUTER, ENGINE CONTROL	1		1406-1602
89661	VH89661E0067	COMPUTER, ENGINE CONTROL	1		1602-
SH552- 10820	VHSH55210820	BOLT, FLANGE	4		

エレクトリカル パーツ・ELECTRICAL PARTS

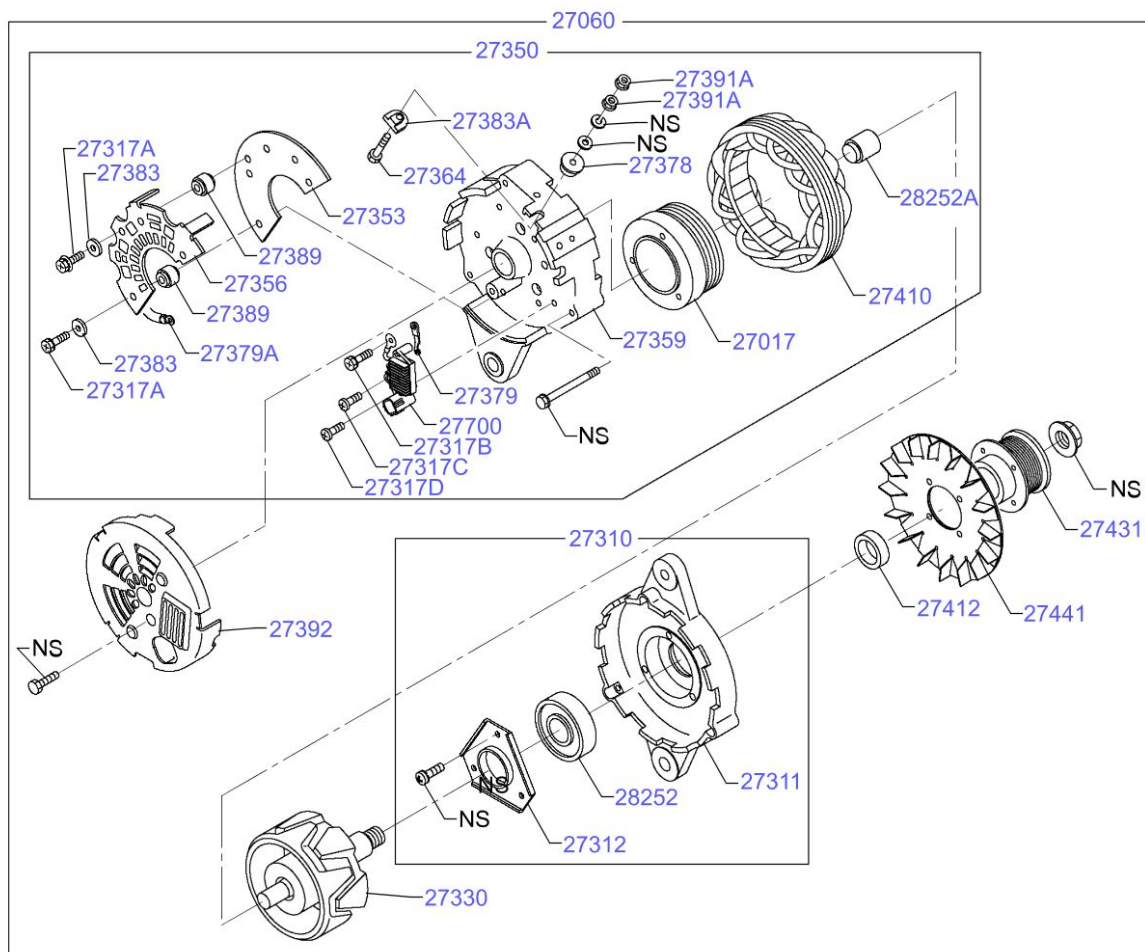


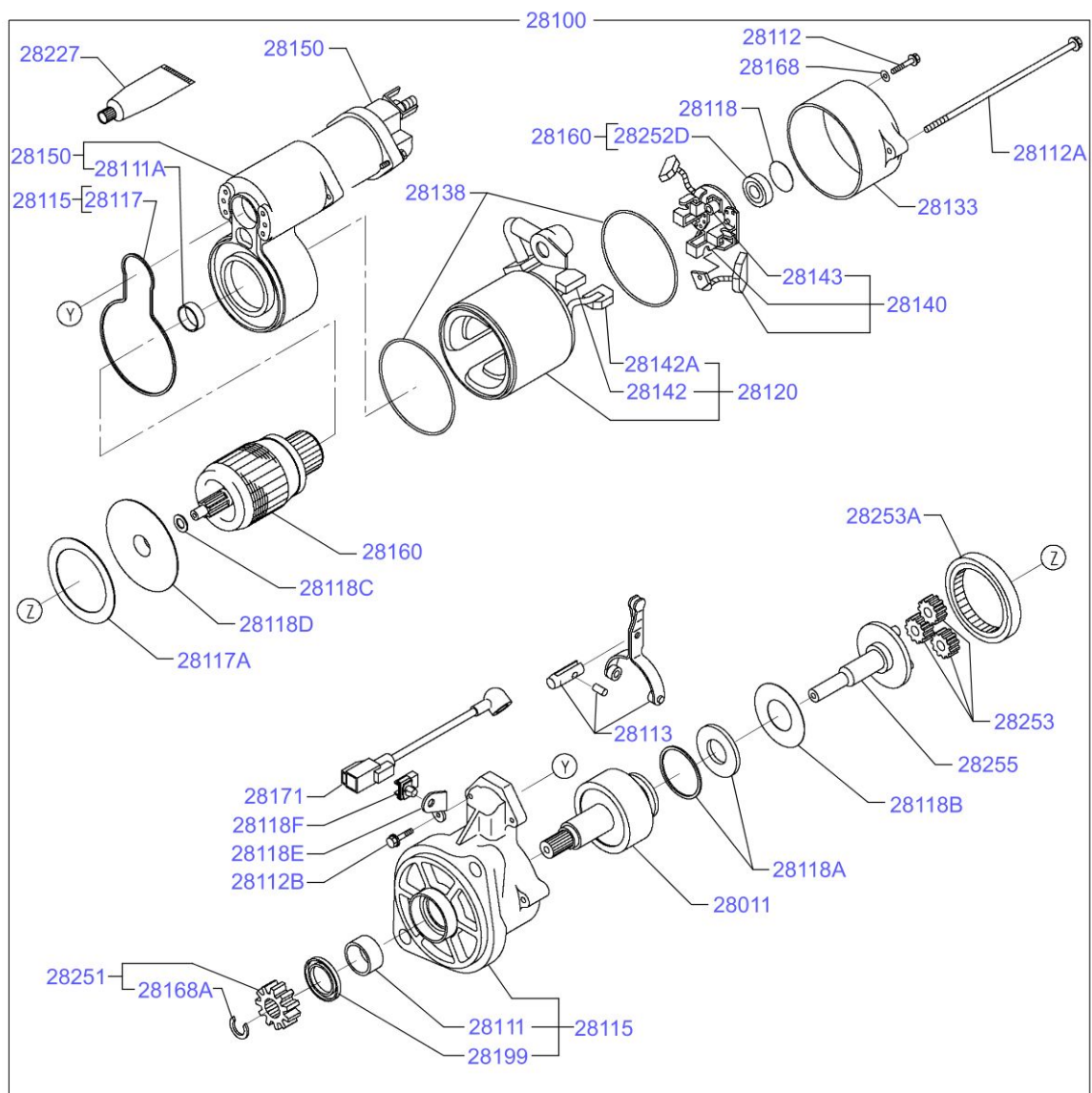






※ See the following pages for the contents
同一FIG内の詳細図参照





ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		ELECTRICAL PARTS			
12511	VH12511E0781	BRACKET, ALTERNATOR	1		
12511A	VHS125114170	BRACKET, GEN	1		
19112	VHS191121201	WIRE, GLOW PLUG GROUND	2		
19112A	VHS191121210	WIRE, GLOW PLUG GROUND	1		
19113A	VHS191131050	INSULATOR GLOW PLUG	4		
19850A	VH19850E0030	PLUG ASSY, GLOW	4		
27017	VHS270171300	COIL SUB ASSY, GEN FIELD	1		
27060	VH27060E0040	ALTERNATOR ASSY, W/REGULATOR	1	24V-60A	
27310	VHS273102050	FRAME ASSY, ALTERNATOR DRIVE SIDE	1		
27311	VHS273111710	FRAME, DRIVE END	1		
27312	VHS273121590	PLATE, RETAINER	1		
27317A	VHS273171650	BOLT, THROUGH	4		1212-1602
27317A	VHSZ01005174	BOLT	4		1602-
27317A	VHS273171650	BOLT, THROUGH	4		1212-1602
27317A	VHSZ01005174	BOLT	4		1602-
27317B	VHS273171660	BOLT, THROUGH	3		
27317C	VHS273172040	BOLT, THROUGH	3		
27317D	VHS273172100	BOLT, THROUGH	2		
27330	VHS273302030	ROTOR ASSY, ALTERNATOR	1		1212-1602
27330	VHS273301810	ROTOR ASSY, ALTERNATOR	1		1602-
27330	VHS273302030	ROTOR ASSY, ALTERNATOR	1		1212-1602
27330	VHS273301810	ROTOR ASSY, ALTERNATOR	1		1602-
27350	VHS273503170	HOUSING ASSY, ALTERNATOR END FRAME	1		
27353	VHS273531790	HOLDER	1		
27356	VHS273561490	HOLDER, W/RECTIFIER	1		1212-1602
27356	VH27353EV050	HOLDER, W/RECTIFIER	1		1602-
27356	VHS273561490	HOLDER, W/RECTIFIER	1		1212-1602
27356	VH27353EV050	HOLDER, W/RECTIFIER	1		1602-
27359	VHS273592560	FRAME, RECTIFIER END	1		
27364	VHS273641380	BOLT, TERMINAL	1		
27378	VHS273781720	INSULATOR, TERMINAL	1		
27379	VHS273791340	CONNECTOR	1		
27379A	VHS273791350	CONNECTOR	1		
27383	VHS273831330	INSULATOR, HOLDER BRUSH	4		
27383A	VHS273831480	INSULATOR, HOLDER BRUSH	1		
27389	VHS273891310	INSULATOR, TERMINAL	2		
27391A	VHS273911090	NUT	2		
27392	VHS273921520	COVER	1		
27410	VHS274102160	STATOR ASSY	1		
27412	VHS274121220	COLLAR, SPACE	1		
27431	VHS274311910	PULLEY, ALTERNATOR	1		
27441	VHS274411240	FAN, ALTERNATOR	1		
27700	VHS277002050	REGULATOR ASSY, GEN	1		
28011	VHS280111640	CLUTCH SUB ASSY, START	1		
28011	VHS280111640	CLUTCH SUB ASSY, START	1		

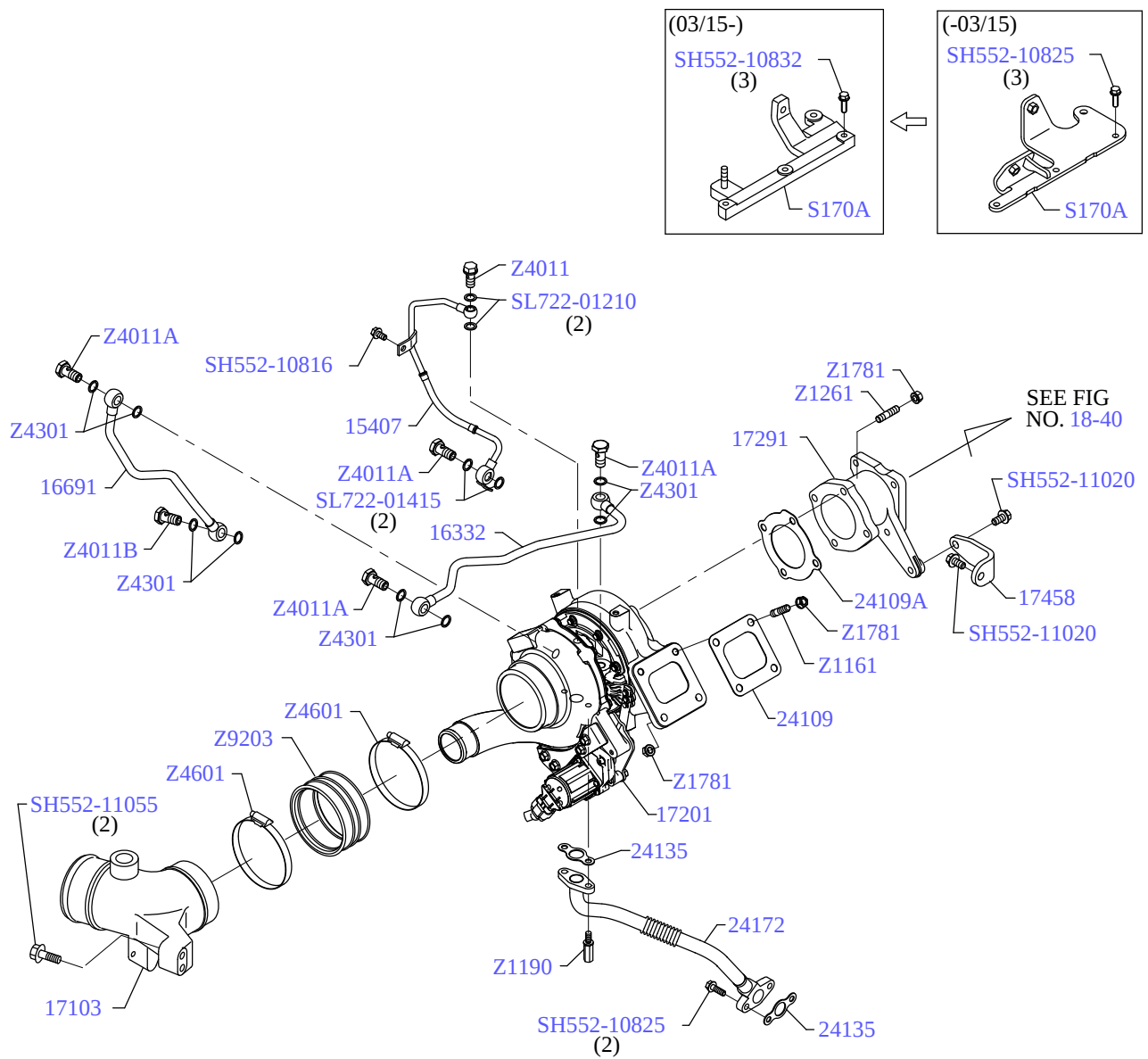
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28100	VH28100E0080	STARTER ASSY	1	24V-5KW	1212-1604
28100	VH28100E0081	STARTER ASSY	1	24V-5KW	1604-1610
28100	VH28100E0082	STARTER ASSY	1	24V-5KW	1610-
28100	VH28100E0080	STARTER ASSY	1	24V-5KW	1212-1604
28100	VH28100E0081	STARTER ASSY	1	24V-5KW	1604-1610
28100	VH28100E0082	STARTER ASSY	1	24V-5KW	1610-
28111	VHS281111470	BOSH, DRIVE HOUSING	1		
28111	VHS281111470	BOSH, DRIVE HOUSING	1		
28111A	VHS281111480	BOSH, DRIVE HOUSING	1		
28111A	VHS281111480	BOSH, DRIVE HOUSING	1		
28112	VHS281122000	BOLT, HOUSING SET	2		
28112	VHS281122000	BOLT, HOUSING SET	2		
28112A	VHS281122610	BOLT, HOUSING SET	2		
28112A	VHS281122610	BOLT, HOUSING SET	2		
28112B	VHS281122620	BOLT, HOUSING SET	2		
28112B	VHS281122620	BOLT, HOUSING SET	2		
28113	VH28113EV010	LEVER, PINION DRIVE	1		
28113	VH28113EV010	LEVER, PINION DRIVE	1		
28115	VH28115EV020	HOUSING, STARTER DRIVE	1		
28115	VH28115EV020	HOUSING, STARTER DRIVE	1		
28117	VHS281171300	PACKING	1		
28117	VHS281171300	PACKING	1		
28117A	VHS281171310	PACKING	1		
28117A	VHS281171310	PACKING	1		
28118	VHS281181450	PLATE	1		
28118	VHS281181450	PLATE	1		
28118A	VHS281181520	PLATE	1		1212-1610
28118A	VH28118EV010	PLATE, LEVER	1		1610-
28118A	VHS281181520	PLATE	1		1212-1610
28118A	VH28118EV010	PLATE, LEVER	1		1610-
28118B	VHS281181530	PLATE	1		
28118B	VHS281181530	PLATE	1		
28118C	VHS281181540	PLATE	1		
28118C	VHS281181540	PLATE	1		
28118D	VHS281181550	PLATE	1		
28118D	VHS281181550	PLATE	1		
28118E	VH28118EV020	PLATE, LEVER	1		
28118E	VH28118EV020	PLATE, LEVER	1		
28118F	VHS281181570	PLATE	1		
28118F	VHS281181570	PLATE	1		
28120	VH28120EV020	YOKE ASSY, STARTER	1		
28120	VH28120EV020	YOKE ASSY, STARTER	1		
28133	VHS281332401	FRAME, COMMUTATOR END	1		1212-1312
28133	VH28133EV030	FRAME, COMMUTATOR END	1		1312-
28133	VHS281332401	FRAME, COMMUTATOR END	1		1212-1312
28133	VH28133EV030	FRAME, COMMUTATOR END	1		1312-
28138	VHS281381370	PACKING	2		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
28138	VHS281381370	PACKING	2		
28140	VHS281401680	HOLDER ASSY, START BRUSH	1		1212-1312
28140	VH28140EV050	HOLDER ASSY, STARTER BRUSH	1		1312-
28140	VHS281401680	HOLDER ASSY, START BRUSH	1		1212-1312
28140	VH28140EV050	HOLDER ASSY, STARTER BRUSH	1		1312-
28142	VHS281421530	BRUSH, START	1		
28142	VHS281421530	BRUSH, START	1		
28142A	VHS281421540	BRUSH, START	1		
28142A	VHS281421540	BRUSH, START	1		
28143	VHS281431200	SPRING, START BRUSH	4		
28143	VHS281431200	SPRING, START BRUSH	4		
28150	VH28150EV050	SWITCH ASSY, MAIN	1		1212-1610
28150	VH28150EV270	SWITCH ASSY, MAIN	1		1610-
28150	VH28150EV050	SWITCH ASSY, MAIN	1		1212-1610
28150	VH28150EV270	SWITCH ASSY, MAIN	1		1610-
28160	VHS281601760	ARMATURE ASSY, START	1		1212-1604
28160	VHS281601760	ARMATURE ASSY, START	1		1212-1604
28160	VH28160EV050	ARMATURE ASSY, STARTER	1		1604-
28160	VH28160EV050	ARMATURE ASSY, STARTER	1		1604-
28168	VHS281681370	RING RETAINER	2		
28168	VHS281681370	RING RETAINER	2		
28168A	VHS281681400	RING RETAINER	1		
28168A	VHS281681400	RING RETAINER	1		
28171	VHS281711210	CONNECTOR, W/LEAD WIRE	1		
28171	VHS281711210	CONNECTOR, W/LEAD WIRE	1		
28199	VHS281991100	PROTECTOR, DUST START	1		
28199	VHS281991100	PROTECTOR, DUST START	1		
28227	VHS282271010	GREASE, STARTER REPAIR SERVICE	AR	PYRONOC NO.2	
28227	VHS282271010	GREASE, STARTER REPAIR SERVICE	AR	PYRONOC NO.2	
28227	VHS282271020	GREASE, STARTER REPAIR SERVICE	AR	MULTEMP AC-N	
28227	VHS282271020	GREASE, STARTER REPAIR SERVICE	AR	MULTEMP AC-N	
28251	VHS282511100	PINION, START	1		
28251	VHS282511100	PINION, START	1		
28252	VHS282522150	BEARING	1		
28252A	VHS282522130	BEARING	1		
28252D	VHS282521880	BEARING	1		
28252D	VHS282521880	BEARING	1		
28253	VHS282531070	GEAR	3		
28253	VHS282531070	GEAR	3		
28253A	VHS282531080	GEAR	1		
28253A	VHS282531080	GEAR	1		
28255	VHS282551040	SHAFT ASSY, START	1		1212-1610
28255	VH2801478115	SHAFT SUB-ASSY, STARTER PLANETARY	1		1610-
28255	VHS282551040	SHAFT ASSY, START	1		1212-1610
28255	VH2801478115	SHAFT SUB-ASSY, STARTER PLANETARY	1		1610-
79904	VHS799042230	CLIP SUB ASSY	1		
82051	VH82051E0050	WIRING SUB-ASSY, FUEL CONTROL	1		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
82064	VHS820646621	HARNESS SUB ASSY, ENG	1		
82121	VH82121E0D60	WIRE, ENGINE	1		
82121A	VH82121E1N61	WIRE, ENGINE	1		1212-1410
82121A	VH82121E1N62	WIRE, ENGINE	1		1410-
82121B	VH82121E1N70	WIRE, ENGINE	1		1212-1410
82121B	VH82121E1N71	WIRE, ENGINE	1		1410-
82560	VHS825601200	CONNECTOR ASSY	1		
82702A	VH82702E0Y50	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702B	VH82702E1F01	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702C	VH82702E1U30	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702D	VH82702E1J60	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702E	VH82702E1G60	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702F	VH82702E1S30	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702G	VH82702E1G81	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702H	VH82702E1G91	BRACKET SUB-ASSY, WIRING HARNESS	1		1212-1403
82702H	VH82702E2K80	BRACKET SUB-ASSY, WIRING HARNESS	1		1403-
82702K	VH82702E1U21	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702L	VH82702E1J31	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702M	VH82702E1S20	BRACKET SUB-ASSY, WIRING HARNESS	1		1212-1402
82702M	VH82702E1S21	BRACKET SUB-ASSY, WIRING HARNESS	1		1402-
82702N	VH82702E1030	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702R	VH82702E1U40	BRACKET SUB-ASSY, WIRING HARNESS	1		
82702S	VH82702E1U50	BRACKET SUB-ASSY, WIRING HARNESS	1		
83420	VHS834201250	GAGE ASSY, WATER TEMP SENDER	1		
83530	VH83530E0220	SWITCH ASSY, OIL PRESSURE	1		
88594	VH88594E0080	BELT, ALTERNATOR	1		
89390	VHS893901090	SENSOR ASSY, PRESSURE	1		
89410	VHS894101590	SENSOR ASSY, SPEED	1		
89411	VH89411E0050	SENSOR, SPEED	1		
89421	VH89421E0050	SENSOR, AIR PRESSURE	1		
S1205	VHS1205E0370	BRACE SUB-ASSY, ALTERNATOR	1		1212-1403
S1205	VHS1205E0320	BRACE SUB-ASSY, ALTERNATOR	1		1403-
SH122-06440	VHSH12206440	BOLT	1		
SH511-10614	VHSH51110614	BOLT	1		
SH511-10614	VHSH51110614	BOLT	1		
SH511-10614	VHSH51110614	BOLT	2		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10820	VHSH55210820	BOLT, FLANGE	2		
SH552-10820	VHSH55210820	BOLT, FLANGE	2		
SH552-10820	VHSH55210820	BOLT, FLANGE	2		
SH552-10825	VHSH55210825	BOLT, FLANGE	2		
SH552-10860	VHSH55210860	BOLT, FLANGE	2		
SH552-10885	VHSH55210885	BOLT, FLANGE	2		
SH552-11020	VHSH55211020	BOLT, FLANGE	2		
SH552-11035	VHSH55211035	BOLT, FLANGE	2		
SH552-11035	VHSH55211035	BOLT, FLANGE	1		
SH552-11065	VHSH55211065	BOLT, FLANGE	1		
SL150-10808	VHSL15010808	NUT	7		
SL150-10808	VHSL15010808	NUT	1		
SL150-41010	VHSL15041010	NUT	1		
SL150-41414	VHSL15041414	NUT	1		
SL150-41414	VHSL15041414	NUT	1		
SL511-01435	VHSL51101435	LOCKWASHER	1		
SL611-01427	VHSL61101427	WASHER, PLAIN	2		
SL621-01036	VHSL62101036	WASHER, PLAIN	1		
Z1050	VHSZ10508055	BOLT, FLANGE	2		
Z1051	VHSZ10514031	BOLT, FLANGE	1		
Z1051	VHSZ10514031	BOLT, FLANGE	1		
Z1051A	VHSZ10512023	BOLT, FLANGE	1		
Z1190	VHSZ11908033	BOLT	1		
Z3013	VHSZ30131014	RING, O	1		
Z4301	VHSZ43014002	WASHER, SOFT	1		
Z4301A	VHSZ43010005	WASHER, SOFT	1		
Z4661	VHSZ46612005	CLIP	2		
Z9102	VHSZ91024047	BOLT	1		
Z9203	VHSZ92033894	HOSE, AIR	1		
Z9800A	VHSZ98007001	CABLE, BAND	3		

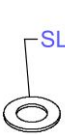
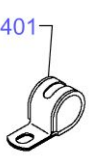
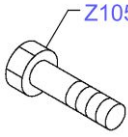
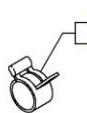
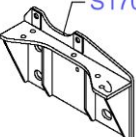
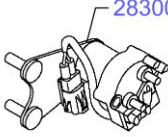
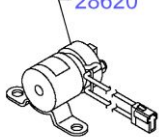
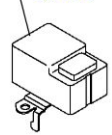
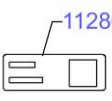
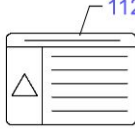
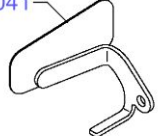
ターボチャージャー・TURBOCHARGER



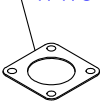
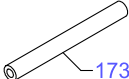
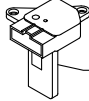
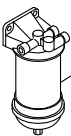
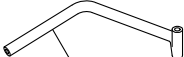
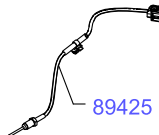
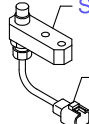
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		TURBOCHARGER			
15407	VH15407E0080	PIPE SUB-ASSY, TURBO OIL INLET	1		
16332	VH16332E0420	PIPE, WATER OUTLET, NO.1	1		
16691	VHS166913300	PIPE, COOLANT	1		1212-1606
16691	VH16322E0E20	PIPE, WATER INLET	1		1606-
17103	VH17113E0Z50	PIPE, INTAKE	1		
17201	VH17201E0431	TURBOCHARGER SUB-ASSY	1		1212-1305
17201	VH17201E0432	TURBOCHARGER SUB-ASSY	1		1305-
17291	VH17291E0440	ELBOW, TURBINE OUTLET	1		1212-1303
17291	VH17291E0441	ELBOW, TURBINE OUTLET	1		1303-
17458	VHS174582960	BRACKET, EXH PIPE	1		
24109	VHS241091820	GASKET SUB ASSY	1		
24109A	VHS241091830	GASKET SUB ASSY	1		
24135	VHS241351121	GASKET, OIL, OUTLET	2		
24172	VHS241721270	PIPE, OIL, OUTLET	1		1212-1604
24172	VH29601E0A20	PIPE SUB-ASSY, OIL	1		1604-
S170A	VHS170AE0110	STAY SUB-ASSY, INTAKE PIPE	1		1212-1503
S170A	VH17570E0260	BRACKET ASSY, EXHAUST PIPE SUPPORT	1		1503-
SH552-10816	VHSH55210816	BOLT, FLANGE	1		
SH552-10825	VHSH55210825	BOLT, FLANGE	3		1212-1503
SH552-10825	VHSH55210825	BOLT, FLANGE	2		
SH552-10832	VHSH55210832	BOLT, FLANGE	3		1503-
SH552-11020	VHSH55211020	BOLT, FLANGE	2		
SH552-11055	VHSH55211055	BOLT, FLANGE	2		
SL722-01210	VHSL72201210	WASHER, SOFT	2		
SL722-01415	VHSL72201415	WASHER, SOFT	2		
Z1161	VHSZ11610107	STUD	2		
Z1190	VHSZ11908042	BOLT	2		
Z1261	VHSZ12610015	STUD	4		
Z1781	VHSZ17810012	NUT, FLANGE	4		
Z1781	VHSZ17810012	NUT, FLANGE	4		
Z4011	VHSZ40112001	BOLT	1		
Z4011A	VHSZ40114004	BOLT	1		
Z4011A	VHSZ40114004	BOLT	1		
Z4011A	VHSZ40114004	BOLT	2		
Z4011B	VHSZ40114007	BOLT	1		
Z4301	VHSZ43014003	WASHER, SOFT	4		
Z4301	VHSZ43014003	WASHER, SOFT	4		
Z4601	VHSZ46011006	CLAMP	2		
Z9203	VHSZ92033892	HOSE, AIR	1		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
	.				
18-40					

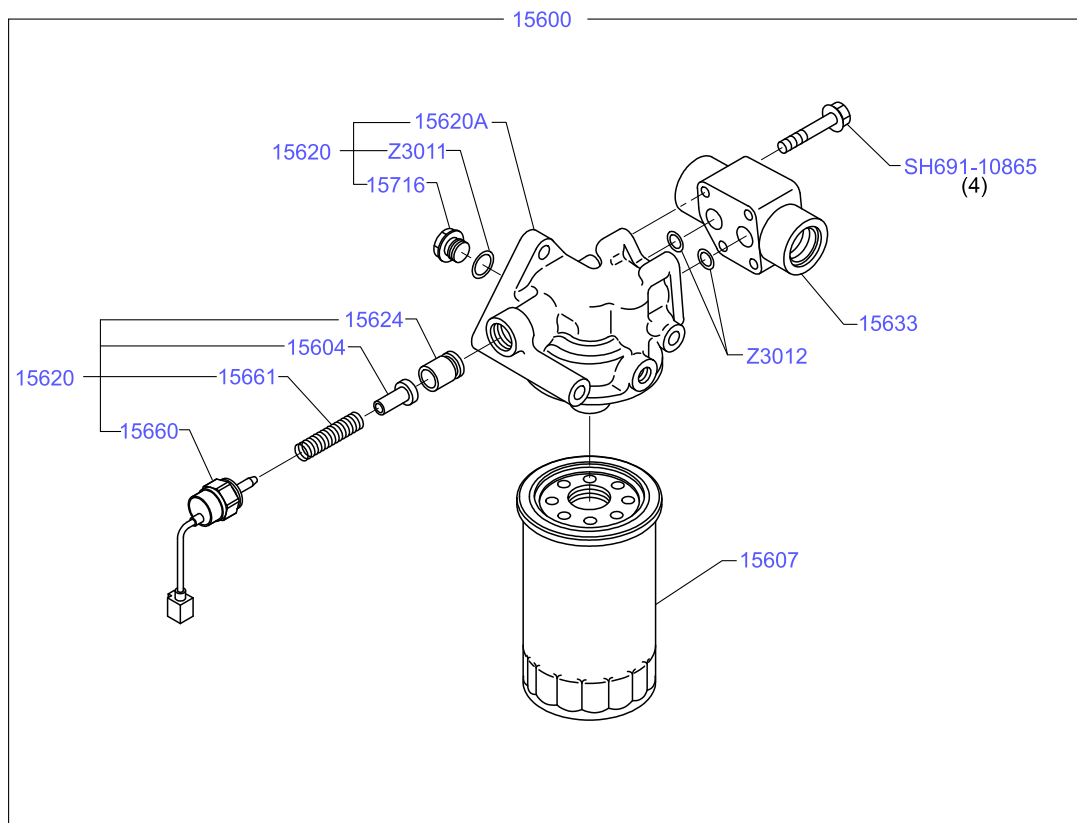
エンジン アクセサリー パーツ ・ ENGINE ACCESSORY PARTS

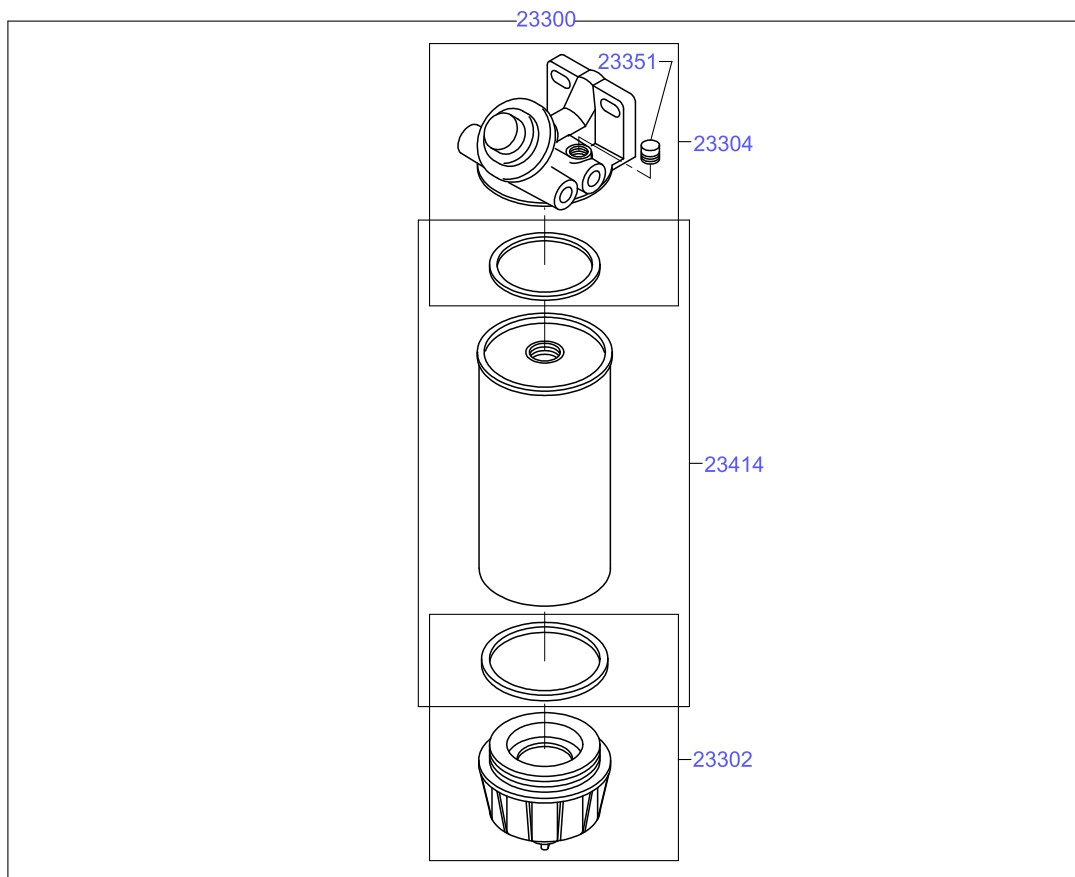
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 SN732-00283 (2)	 Z1051A	 Z1771	 Z3011A	 Z4011
 Z4041	 Z4072	 Z4072A	 Z4301	 Z4661 Z4662
 ※ 15600	 S170J	 S1701	 28300	 28620
 79904	 79904B	 83460	 83470	 11286
 11293	 12261	 15783	 17041	

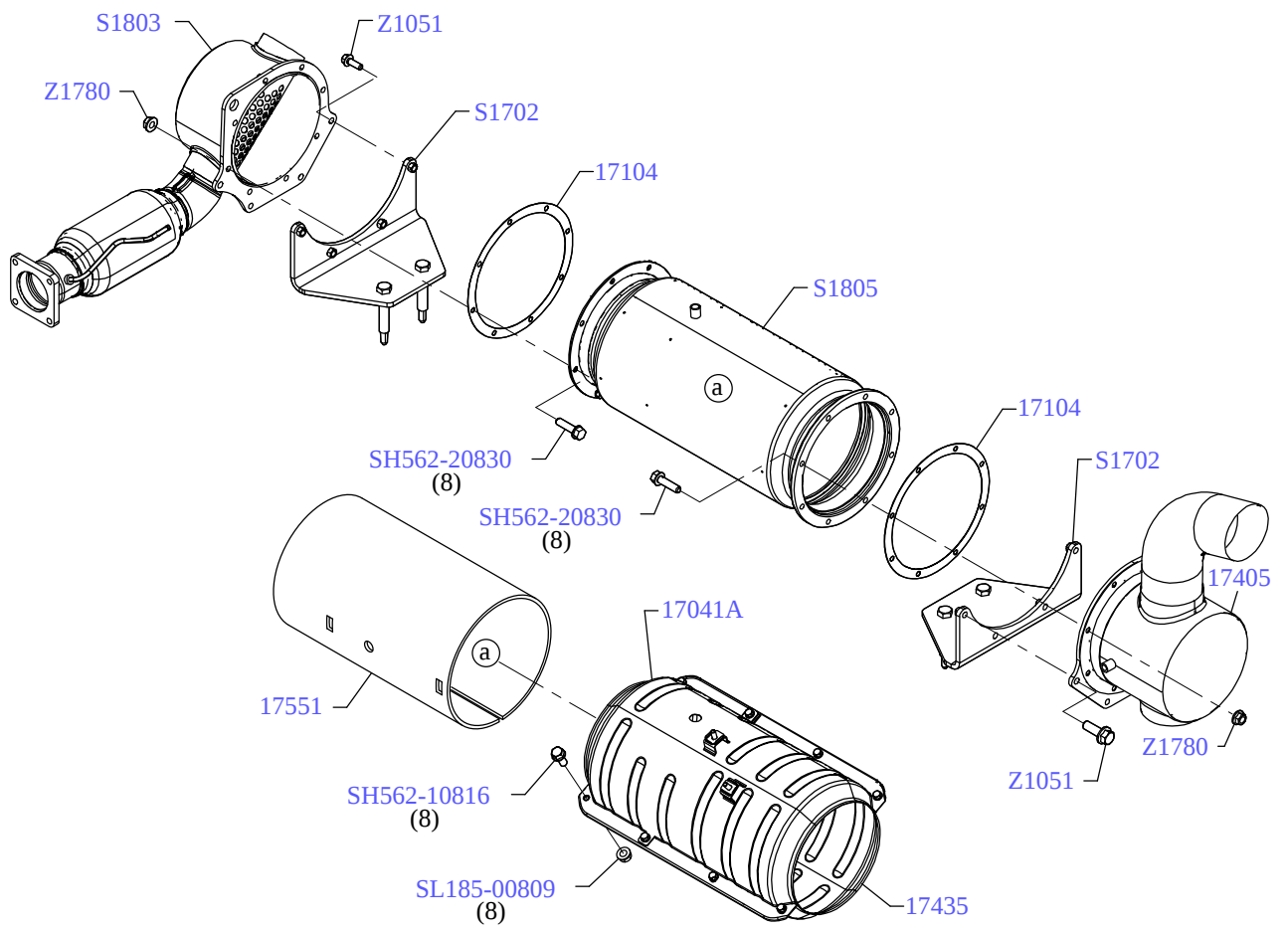
※ See the following pages for the contents
同一FIG内の詳細図参照

 17173	 17341A	 17537	 22204	 ※23300
 23816	 44778	 89425	 S1138 89410	

※ See the following pages for the contents
同一FIG内の詳細図参照



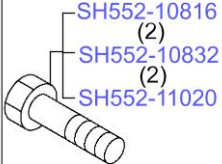
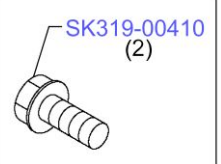
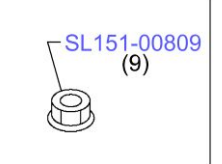
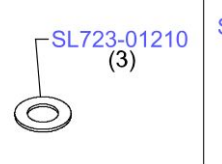
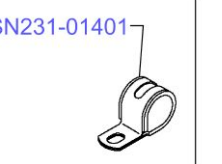
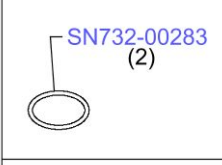
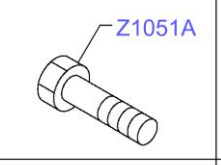
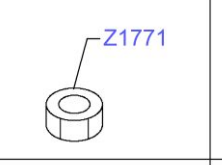
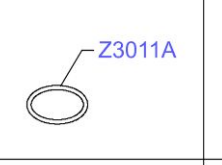
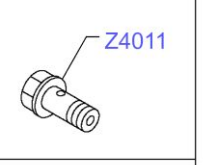
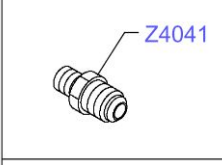
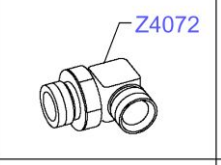
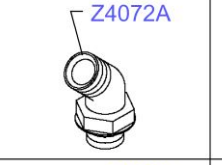
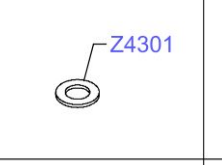
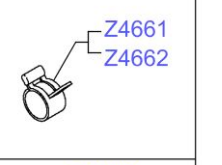
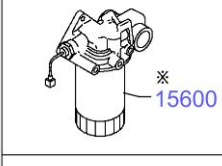
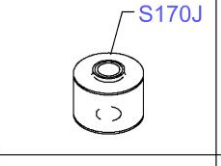
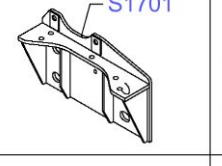
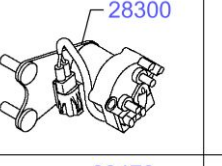
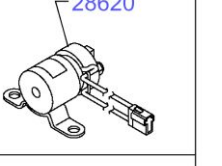
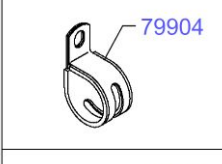
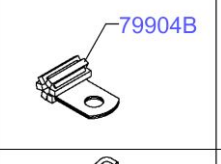
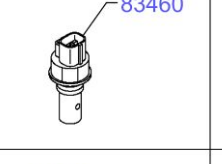
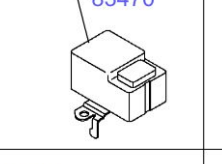
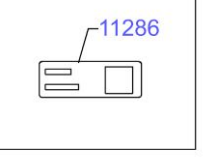
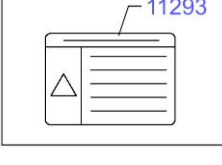
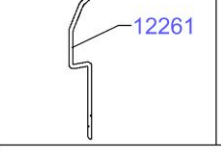
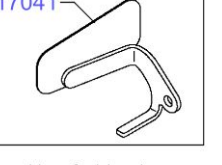




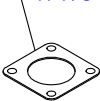
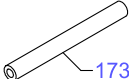
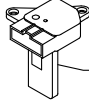
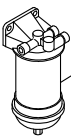
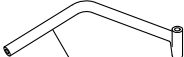
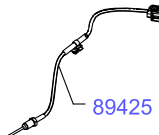
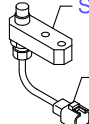
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		ENGINE ACCESSORY PARTS			
11286	VH11286E0Q70	PLATE, ENGINE SPECIFICATION	1		
11293	VH11293E0400	PLATE, ENGINE CAUTION	1		
12261	VH12261E0C60	HOSE, VENTILATION	1		
15600	VHS156004110	FILTER ASSY, OIL	1		1212-1512
15600	VH15600E0280	FILTER ASSY, OIL	1		1512-
15604	VHS156041100	VALVE SUB ASSY, OIL SAFETY	1		
15607	VHS156072190	ELEMENT SET, OIL FILTER	1	TOKYO ROKI	
15620	VHS156203810	CAP ASSY, OIL FILTER	1		
15620A	VHS156203820	CAP ASSY, OIL FILTER	1		
15624	VHS156241230	VALVE, FILTER SAFETY	1		
15633	VHS156331070	ADAPTOR, OIL FILTER	1		
15660	VHS156601090	PLUG ASSY, OIL	1		
15661	VHS156611320	SPRING, OIL VALVE	1		
15716	VHS157161070	PLUG, VALVE SPG	1		
15783	VH15783E0460	BRACKET, OIL PIPE CLAMP	1		
17041	VH17041E0430	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		
17041A	VH17041E0220	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1212-1510
17041A	VH17041E0580	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1510-
17104	VHS171041930	GASKET SUB ASSY, EXH MFLD	2		
17173	VH17173E0050	GASKET, EXHAUST MANIFOLD	1		
17341A	VH17341E0K00	HOSE, AIR	1		
17405	VH17405E0A90	PIPE SUB-ASSY, TAIL	1		
17435	VH17435E0220	INSULATOR, EXHAUST PIPE HEAT	1		1212-1510
17435	VH17041E0590	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1510-
17537	VH17537E0D00	PLATE, EXHAUST PIPE	4		
17551	VH17551E0040	INSULATOR, MUFFLER	1		1212-1510
22204	VH22204E0010	METER SUB-ASSY, INTAKE AIR FLOW	1		
23300	VH23300E0260	FILTER ASSY, FUEL	1		
23302	VHS233021050	COVER SUB ASSY, FUEL FILTER	1		
23304	VHS233041490	BODY SUB ASSY, FUEL FILTER	1		
23351	VH23351EV010	PLUG, AIR VENT	1		
23414	VH23414E0020	ELEMENT, FILTER	1		
23816	VH23816E0161	PIPE, FUEL, NO.4	2		
28300	VHS283001271	RELAY ASSY, START	1		
28620	VHS286201420	RELAY ASSY, INTAKE AIR HEATER	1		
44778	VH44778E0010	HOSE, AIR PRESSURE GAGE, NO.1	1		
79904	VHS799042380	CLIP SUB ASSY	4		
79904B	VHS799044410	CLIP SUB ASSY	5		
83460	VHS834601510	SWITCH ASSY, LEVEL WARNING	1		1212-1410
83460	VH87469E0010	SWITCH ASSY, LEVEL WARNING	1		1410-
83460	VHS834601510	SWITCH ASSY, LEVEL WARNING	1		1212-1410
83460	VH87469E0010	SWITCH ASSY, LEVEL WARNING	1		1410-
83470	VHS834701230	CONTROLLER ASSY, WARNING SELECT	1		
89410	VHS894101290	SENSOR ASSY, SPEED	1		
89425	VH89425E0040	SENSOR, EXHAUST GAS TEMPERATURE	2		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
S1138	VHS1138E0010	ADAPTER, FLYWHEEL HOUSING SPEED SENSOR	1		
S1701	VHS1701E0130	BRACKET SUB-ASSY, EXHAUST PIPE, NO.1	1		
S1702	VHS1702E0050	BRACKET SUB-ASSY, EXHAUST PIPE, NO.2	2		
S170J	VHS170JE0010	CUSHION SUB-ASSY, EXHAUST PIPE SUPPORT	8		
S1803	VHS1803E0130	FILTER SUB-ASSY, PARTICULATE W/PIPE	1		
S1805	VHS1805E0880	FILTER SUB-ASSY, PARTICULATE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	2		
SH552-10832	VHSH55210832	BOLT, FLANGE	2		
SH552-11020	VHSH55211020	BOLT, FLANGE	1		
SH562-10816	VHSH56210816	BOLT, FLANGE	8		
SH562-20830	VHSH56220830	BOLT, FLANGE	16		
SH691-10865	VHSH69110865	BOLT	4		
SK319-00410	VHSH31900410	BOLT	2		
SL151-00809	VHSL15100809	NUT, FLANGE	5		
SL151-00809	VHSL15100809	NUT, FLANGE	1		
SL151-00809	VHSL15100809	NUT, FLANGE	3		
SL185-00809	VHSL18500809	NUT, LOCK	8		
SL723-01210	VHSL72301210	WASHER, SOFT	3		
SN231-01401	VHSN23101401	CLIP	1		
SN732-00283	VHSN73200283	O-RING	2		
Z1051	VHSZ10510052	BOLT, FLANGE	8		
Z1051A	VHSZ10510052	BOLT, FLANGE	4		
Z1771	VHSZ17712002	NUT	4		
Z1780	VHSZ17808007	NUT, FLANGE	16		
Z3011	VHSZ30115001	O-RING	1		
Z3011A	VHSZ30119013	O-RING	1		
Z3012	VHSZ30120002	O-RING	2		
Z4011	VHSZ40112001	BOLT	1		
Z4041	VHSZ40410033	CONNECTOR	2		
Z4072	VHSZ40725005	ELBOW	1		
Z4072A	VHSZ40725006	ELBOW	1		
Z4301	VHSZ43014003	WASHER, SOFT	2		
Z4661	VHSZ46613006	CLIP	1		
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Z4662	VHSZ46628001	CLIP	1		

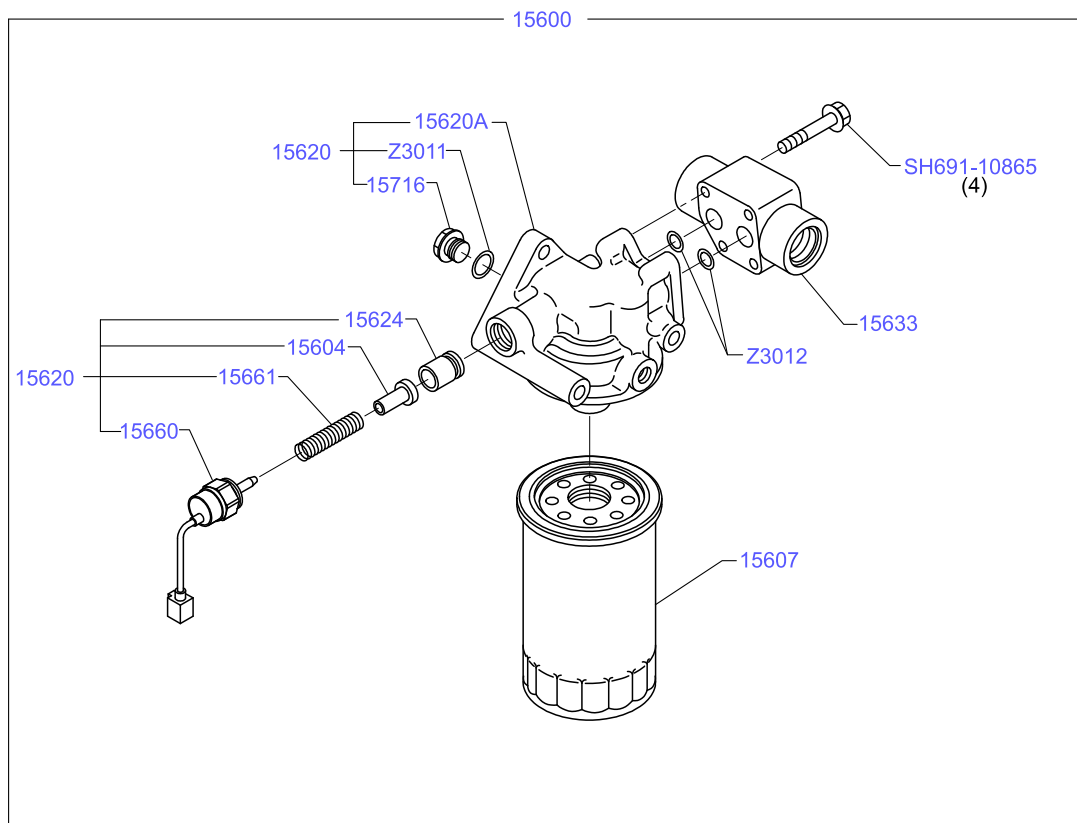
エンジン アクセサリー パーツ ・ ENGINE ACCESSORY PARTS

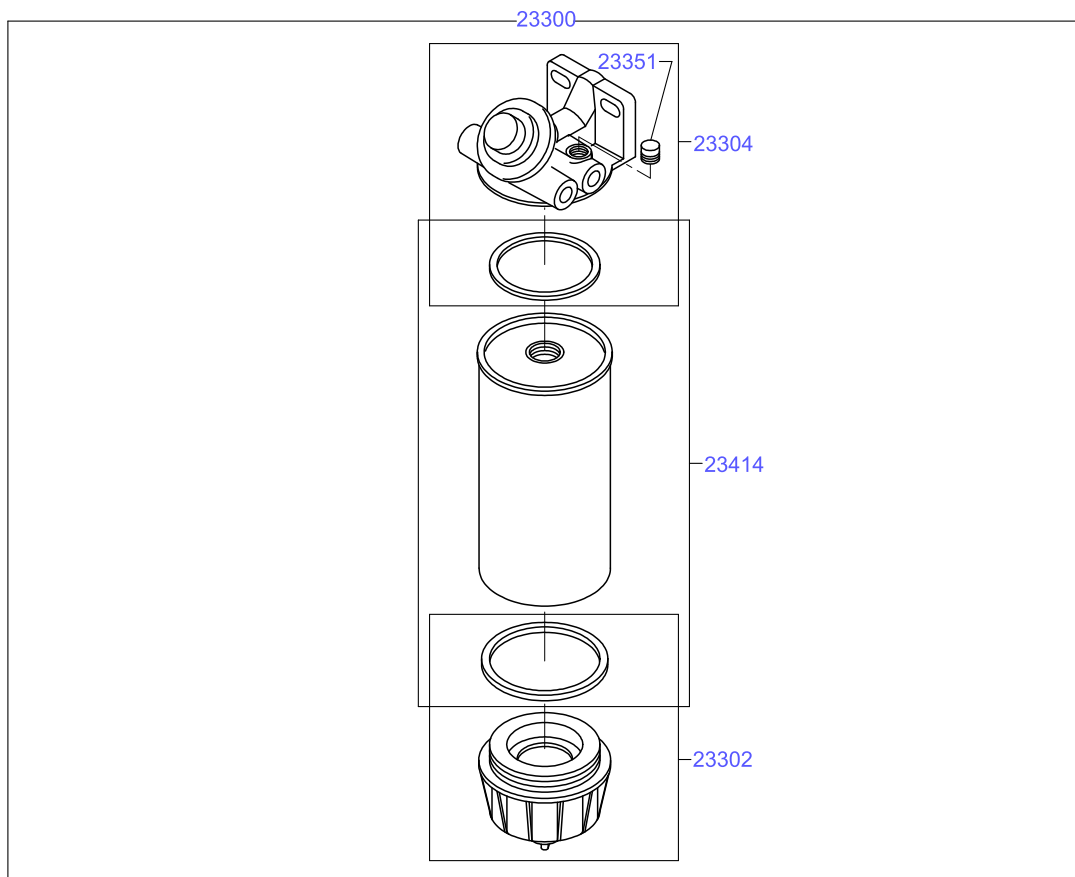
				
				
				
				
				
				

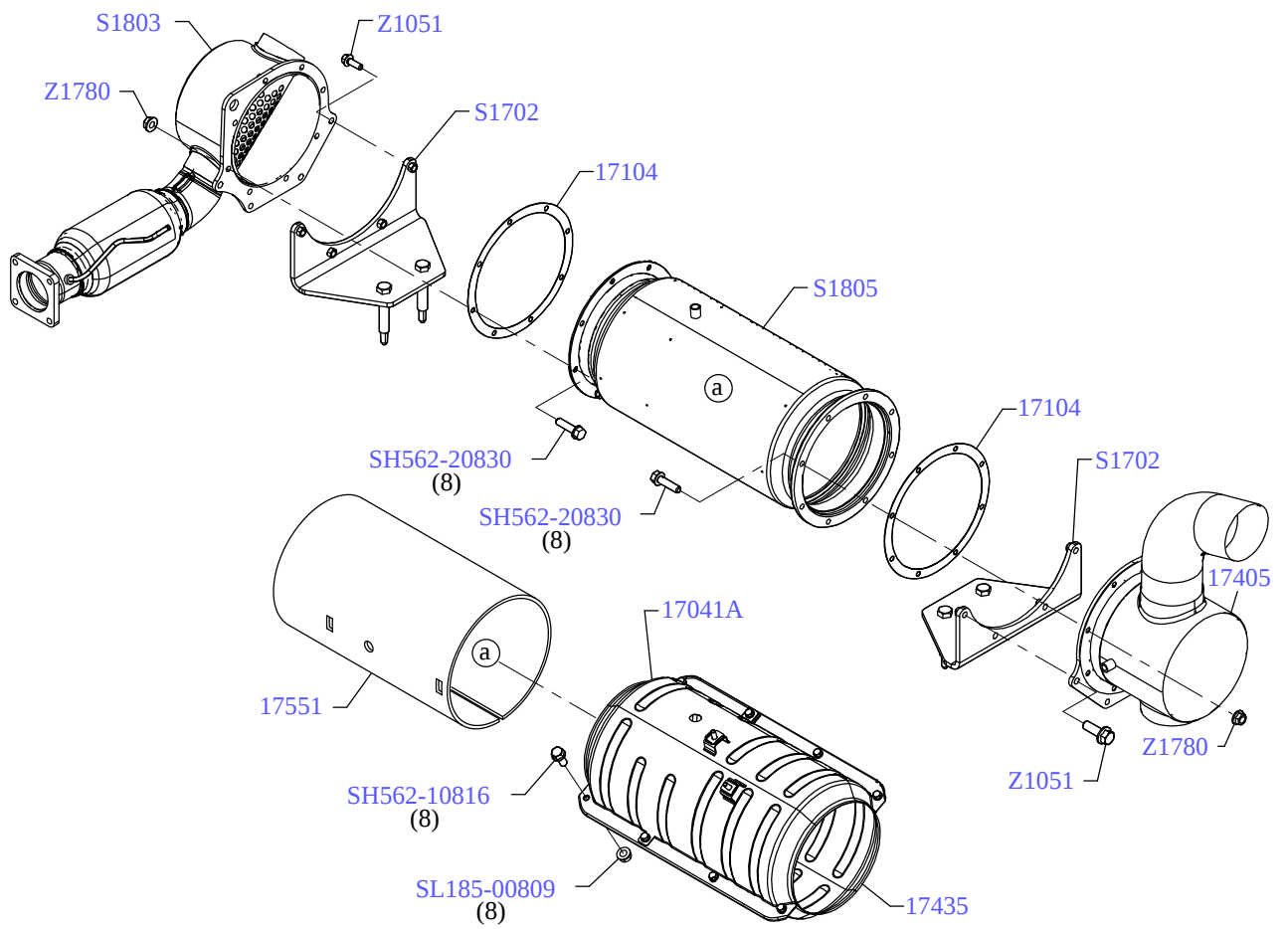
※ See the following pages for the contents
同一FIG内の詳細図参照

 17173	 17341A	 17537	 22204	 ※23300
 23816	 44778	 89425	 S1138 89410	

※ See the following pages for the contents
同一FIG内の詳細図参照



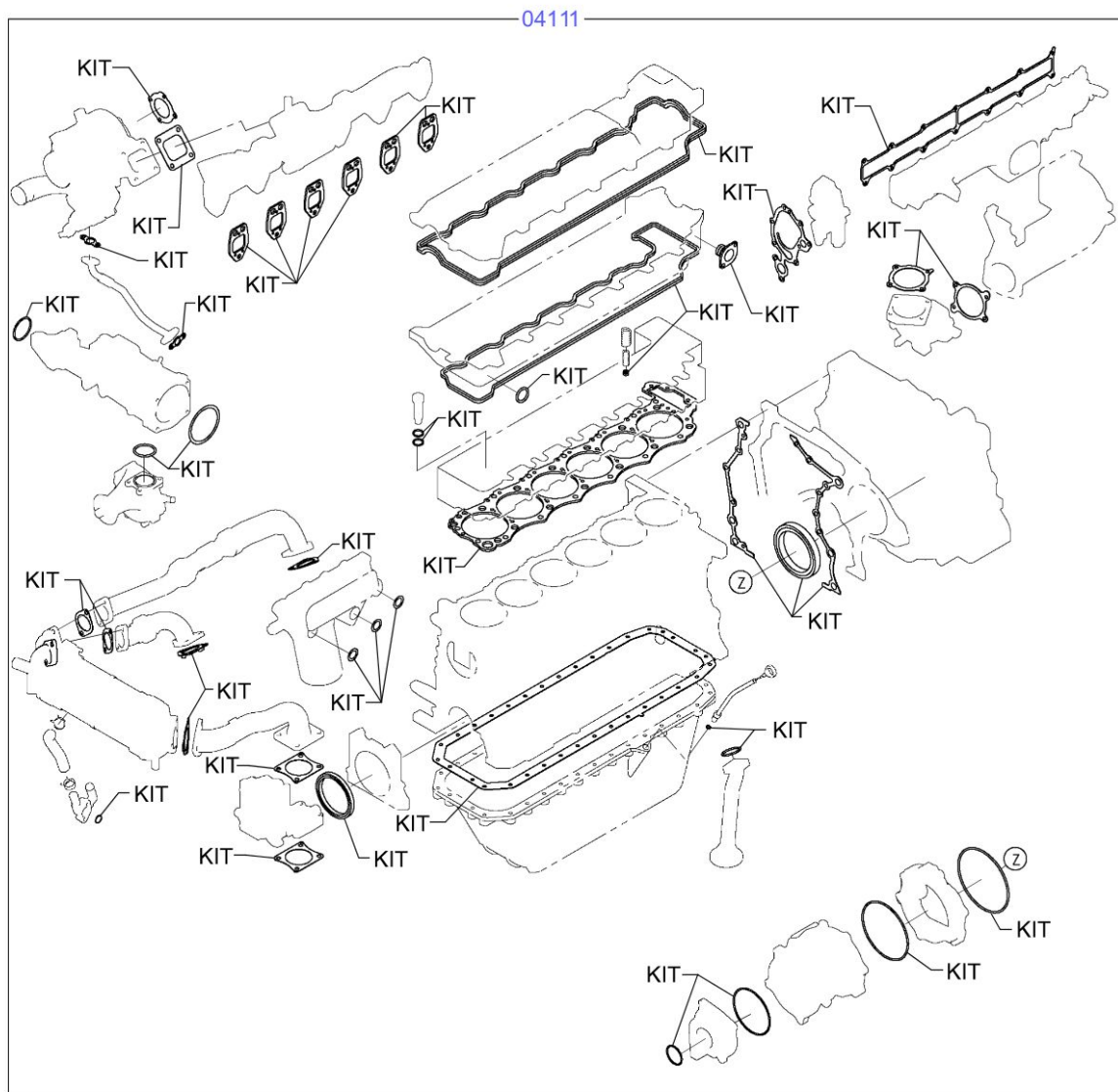




ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		ENGINE ACCESSORY PARTS			
11286	VH11286E0Q70	PLATE, ENGINE SPECIFICATION	1		
11293	VH11293E0400	PLATE, ENGINE CAUTION	1		
12261	VH12261E0C60	HOSE, VENTILATION	1		
15600	VHS156004110	FILTER ASSY, OIL	1		1212-1512
15600	VH15600E0280	FILTER ASSY, OIL	1		1512-
15604	VHS156041100	VALVE SUB ASSY, OIL SAFETY	1		
15607	VHS156072190	ELEMENT SET, OIL FILTER	1	TOKYO ROKI	
15620	VHS156203810	CAP ASSY, OIL FILTER	1		
15620A	VHS156203820	CAP ASSY, OIL FILTER	1		
15624	VHS156241230	VALVE, FILTER SAFETY	1		
15633	VHS156331070	ADAPTOR, OIL FILTER	1		
15660	VHS156601090	PLUG ASSY, OIL	1		
15661	VHS156611320	SPRING, OIL VALVE	1		
15716	VHS157161070	PLUG, VALVE SPG	1		
15783	VH15783E0460	BRACKET, OIL PIPE CLAMP	1		
17041	VH17041E0430	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		
17041A	VH17041E0220	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1212-1510
17041A	VH17041E0580	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1510-
17104	VHS171041930	GASKET SUB ASSY, EXH MFLD	2		
17173	VH17173E0050	GASKET, EXHAUST MANIFOLD	1		
17341A	VH17341E0K00	HOSE, AIR	1		
17405	VH17405E0A90	PIPE SUB-ASSY, TAIL	1		
17435	VH17435E0220	INSULATOR, EXHAUST PIPE HEAT	1		1212-1510
17435	VH17041E0590	INSULATOR SUB-ASSY, EXHAUST PIPE, NO.1	1		1510-
17537	VH17537E0D00	PLATE, EXHAUST PIPE	4		
17551	VH17551E0040	INSULATOR, MUFFLER	1		1212-1510
22204	VH22204E0010	METER SUB-ASSY, INTAKE AIR FLOW	1		
23300	VH23300E0260	FILTER ASSY, FUEL	1		
23302	VHS233021050	COVER SUB ASSY, FUEL FILTER	1		
23304	VHS233041490	BODY SUB ASSY, FUEL FILTER	1		
23351	VH23351EV010	PLUG, AIR VENT	1		
23414	VH23414E0020	ELEMENT, FILTER	1		
23816	VH23816E0161	PIPE, FUEL, NO.4	2		
28300	VHS283001271	RELAY ASSY, START	1		
28620	VHS286201420	RELAY ASSY, INTAKE AIR HEATER	1		
44778	VH44778E0010	HOSE, AIR PRESSURE GAGE, NO.1	1		
79904	VHS799042380	CLIP SUB ASSY	4		
79904B	VHS799044410	CLIP SUB ASSY	5		
83460	VHS834601510	SWITCH ASSY, LEVEL WARNING	1		1212-1410
83460	VH87469E0010	SWITCH ASSY, LEVEL WARNING	1		1410-
83460	VHS834601510	SWITCH ASSY, LEVEL WARNING	1		1212-1410
83460	VH87469E0010	SWITCH ASSY, LEVEL WARNING	1		1410-
83470	VHS834701230	CONTROLLER ASSY, WARNING SELECT	1		
89410	VHS894101290	SENSOR ASSY, SPEED	1		
89425	VH89425E0040	SENSOR, EXHAUST GAS TEMPERATURE	2		

ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
S1138	VHS1138E0010	ADAPTER, FLYWHEEL HOUSING SPEED SENSOR	1		
S1701	VHS1701E0130	BRACKET SUB-ASSY, EXHAUST PIPE, NO.1	1		
S1702	VHS1702E0050	BRACKET SUB-ASSY, EXHAUST PIPE, NO.2	2		
S170J	VHS170JE0010	CUSHION SUB-ASSY, EXHAUST PIPE SUPPORT	8		
S1803	VHS1803E0130	FILTER SUB-ASSY, PARTICULATE W/PIPE	1		
S1805	VHS1805E0880	FILTER SUB-ASSY, PARTICULATE	1		
SH552-10816	VHSH55210816	BOLT, FLANGE	2		
SH552-10832	VHSH55210832	BOLT, FLANGE	2		
SH552-11020	VHSH55211020	BOLT, FLANGE	1		
SH562-10816	VHSH56210816	BOLT, FLANGE	8		
SH562-20830	VHSH56220830	BOLT, FLANGE	16		
SH691-10865	VHSH69110865	BOLT	4		
SK319-00410	VHSH31900410	BOLT	2		
SL151-00809	VHSL15100809	NUT, FLANGE	5		
SL151-00809	VHSL15100809	NUT, FLANGE	1		
SL151-00809	VHSL15100809	NUT, FLANGE	3		
SL185-00809	VHSL18500809	NUT, LOCK	8		
SL723-01210	VHSL72301210	WASHER, SOFT	3		
SN231-01401	VHSN23101401	CLIP	1		
SN732-00283	VHSN73200283	O-RING	2		
Z1051	VHSZ10510052	BOLT, FLANGE	8		
Z1051A	VHSZ10510052	BOLT, FLANGE	4		
Z1771	VHSZ17712002	NUT	4		
Z1780	VHSZ17808007	NUT, FLANGE	16		
Z3011	VHSZ30115001	O-RING	1		
Z3011A	VHSZ30119013	O-RING	1		
Z3012	VHSZ30120002	O-RING	2		
Z4011	VHSZ40112001	BOLT	1		
Z4041	VHSZ40410033	CONNECTOR	2		
Z4072	VHSZ40725005	ELBOW	1		
Z4072A	VHSZ40725006	ELBOW	1		
Z4301	VHSZ43014003	WASHER, SOFT	2		
Z4661	VHSZ46613006	CLIP	1		
Z4661	VHSZ46613006	CLIP	2		
Z4662	VHSZ46628001	CLIP	1		

ガスケット キット (エンジン オーバホール) ・ GASKET KIT (ENGINE OVERHAUL)



ITEM	PART NO.	PART NAME	QTY	Reference	APPLICABLE NO.
		GASKET KIT (ENGINE OVERHAUL)			
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04111	VH04111E0A43	GASKET KIT, ENGINE OVERHAUL	1		1212-1401
04111	VH04111E0A44	GASKET KIT, ENGINE OVERHAUL	1		1401-1405
04111	VH04111E0A45	GASKET KIT, ENGINE OVERHAUL	1		1405-1510
04111	VH04111E0A46	GASKET KIT, ENGINE OVERHAUL	1		1510-1606
04111	VH04111E3470	GASKET KIT, ENGINE OVERHAUL	1		1606-