

Parts Book

MARINE ENGINE

V158T1, V180T1, V222T1

MARINE GENERATOR ENGINE

AD158T1, AD180T1, AD222T1

Fig.001 CYLINDER BLOCK

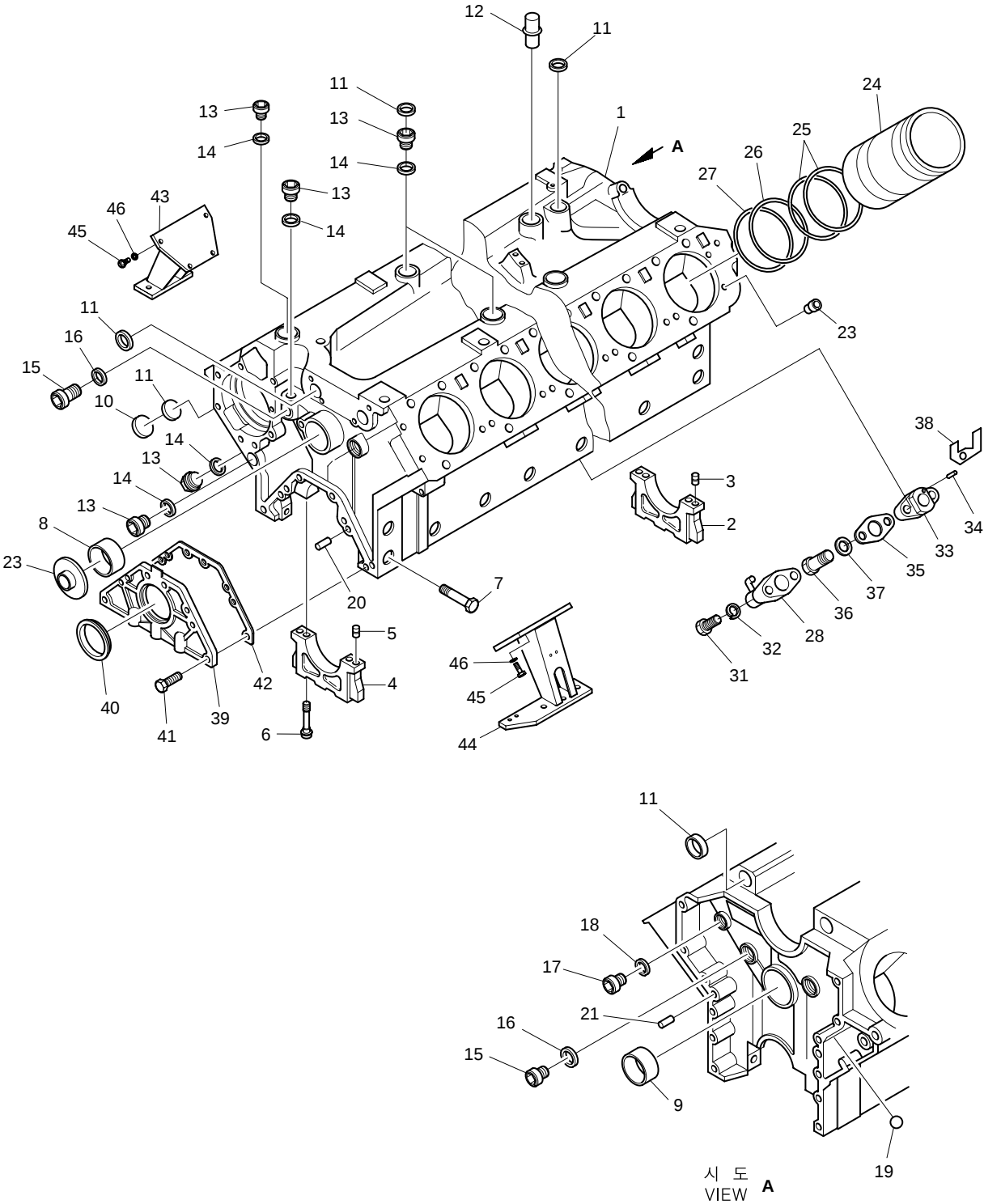


Fig.001 CYLINDER BLOCK

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
001--	51.01102-6035		CYLINDER BLOCK ASS 'Y	1	1	-	-	-	-				
-	65.01102-6037		CYLINDER BLOCK ASS 'Y	-	-	1	1	-	-				
-	65.01102-6056		CYLINDER BLOCK ASS 'Y	-	-	-	-	1	1				
1	51.01102-6233		CYLINDER BLOCK ASS 'Y	1	1	-	-	-	-				
-	65.01102-6234		CYLINDER BLOCK ASS 'Y	-	-	1	1	-	-				
-	65.01102-6235		CYLINDER BLOCK ASS 'Y	-	-	-	-	1	1				
-	51.01101-0450	•	• BLOCK ; CYLINDER	1	1	-	-	-	-	D			
-	65.01101-0451	•	• BLOCK ; CYLINDER	-	-	1	1	-	-	D			
-	65.01101-0462	•	• BLOCK ; CYLINDER	-	-	-	-	1	1	D			
2	65.01105-6014	•	• BEARING CAP ASS 'Y	1	1	1	1	1	1	D			
3	65.91301-0071	• •	• • PIN	2	2	2	2	2	2				
4	65.01105-6013	•	• BEARING CAP ASS 'Y	4	4	5	5	6	6	D			
5	06.22022-3061	• •	• • PIN ; DOWEL 8H8×18	8	8	10	10	12	12				
6	65.90020-0293	•	• BOLT ; BEARING CAP	12	12	12	12	14	14				
7	06.01494-4316	•	• BOLT ; HEX. M12×1.5×85	10	10	12	12	14	14				
8	65.04410-0078	•	• BUSH ; CAM SHAFT	4	4	5	5	6	6				
9	65.04410-0079	•	• BUSH ; CAM SHAFT	1	1	1	1	1	1				
10	65.91606-0037	•	• PLUG ; CORE HOLE	2	2	3	3	4	4				
11	65.91606-0039	•	• PLUG ; CORE	10	10	10	10	13	13				
12	65.05701-0140	•	• PIPE ; OIL SEPARATOR	1	1	1	1	1	1				
13	65.90310-0149		SCREW ; PLUG M26×1.5	6	6	5	5	8	8				
14	06.56190-0726		RING ; SEAL 26×31	6	6	5	5	8	8				
15	65.90310-0134		SCREW ; PLUG	2	2	4	4	4	4				
16	06.56190-0732		RING ; SEAL A30×36	2	2	4	4	4	4				
17	65.90310-0131		SCREW ; PLUG	1	1	1	1	1	1				
18	06.56190-0713		RING ; SEAL A18×24	1	1	1	1	1	1				
19	06.31641-0615		BALL ; STEEL 1/4	1	1	1	1	1	1				
20	06.22022-1063		PIN ; DOWEL 8M6×24	2	2	2	2	2	2				
21	06.22022-3563		PIN ; DOWEL 16H8×24	2	2	2	2	2	2				
22	65.91605-0013		COVER	1	1	1	1	1	1				
23	65.91701-0274		PIN ; LOCATING	16	16	20	20	24	24				
24	65.01201-0312B		LINER ; CYLINDER	8	8	10	10	12	12				
25	65.96501-0059	O-	O-RING	16	16	20	20	24	24				
26	51.96501-0412	O-	O-RING	8	8	10	10	12	12				
27	65.96501-0078	O- ()	O-RING (LOW)	8	8	10	10	12	12				
28	65.01601-5065		OIL SPRAY NOZZLE ASS 'Y	8	8	10	10	12	12				
29	65.90310-0135		SCREW ; PLUG	1	1	1	1	1	1				
30	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1				
31	65.90001-0129		BOLT ; HEX. M6×28	16	16	20	20	24	24				
32	06.16044-0208		WASHER ; SPRING B6	16	16	20	20	24	24				
33	65.01601-2016A		FLANGE ASS 'Y	8	8	10	10	12	12				
34	06.22180-0804		PIN	8	8	10	10	12	12				
35	65.96601A0237	가	GASKET	8	8	10	10	12	12				
36	65.98150-0051		SCREW ; HOLLOW	8	8	10	10	12	12				
37	06.56190-0706		RING ; SEAL A14×20	8	8	10	10	12	12				

Fig.001 CYLINDER BLOCK

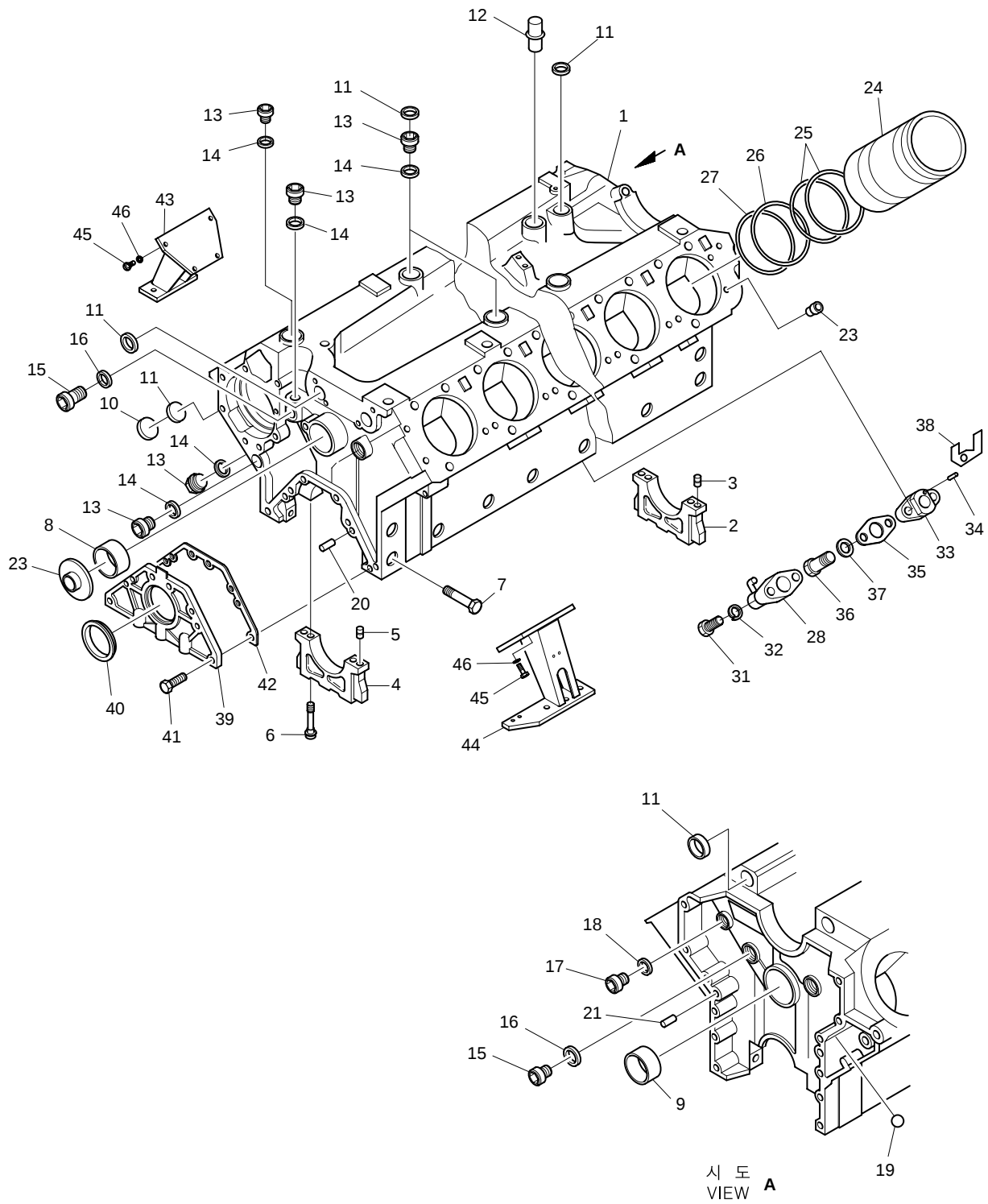


Fig.001 CYLINDER BLOCK

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
001-38	65.01803-0007	가	PLATE ; BAFFLE	1	1	1	1	1	1				
39	65.01501-5017B		HOLDER ; OIL SEAL	1	1	1	1	1	1				
40	51.01510-0153		OIL SEAL	1	1	1	1	1	1				
41	06.01923-3116		BOLT ASS Y M8×28	6	6	6	6	6	6				
42	65.01903A0152		GASKET ; SEAL HOLDER	1	1	1	1	1	1				
43	65.41530-5081		BRACKET ; ENGINE MOUNTING	1	1	1	1	1	1				
44	65.41530-5087		BRACKET ; ENGINE MOUNTING	1	1	1	1	1	1				
45	06.01913-3318		BOLT ; HEX. M12×1.75×35	8	8	8	8	8	8				
46	06.16731-2109		WASHER ; SPRING A12	1	1	1	1	1	1				

Fig.002 FLYWHEEL HOUSING

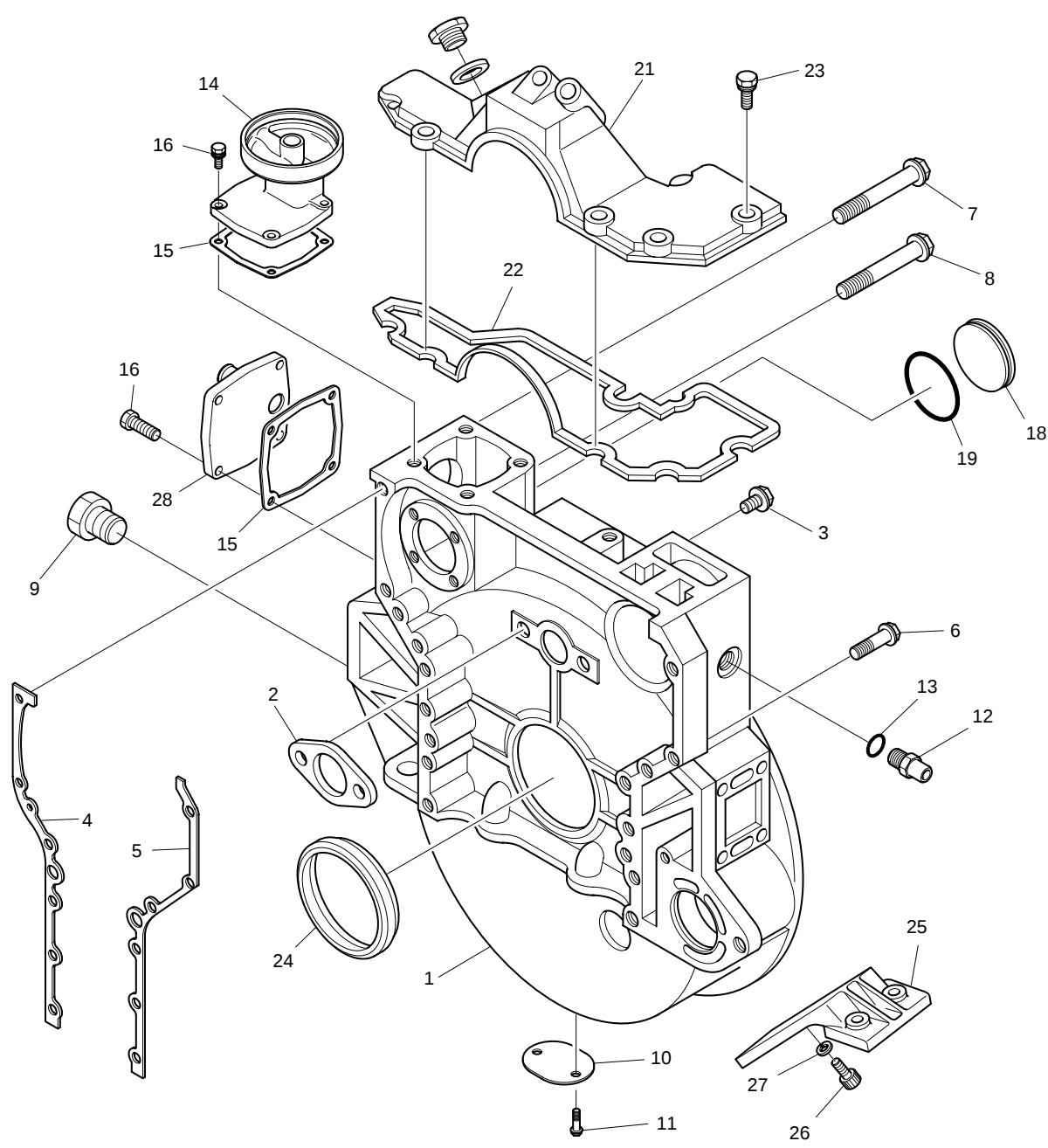


Fig.002 FLYWHEEL HOUSING

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
002-1	65.01401-5003		HOUSING ; FLYWHEEL	1	1	1	1	1	1				
2	65.90720-0109		WASHER ; THRUST	1	1	1	1	1	1				
3	65.90020-0065		BOLT ; HEX.	2	2	2	2	2	2				
4	65.01903-0200	가	GASKET ; FLYWHEEL HOUSING	1	1	1	1	1	1				
5	65.01903-0201	가	GASKET ; FLYWHEEL HOUSING	1	1	1	1	1	1				
6	65.90020-0223		BOLT	10	10	10	10	10	10				
7	65.90020-0183B		BOLT ; HEX.	1	1	1	1	1	1				
8	65.90020-0054C		BOLT ; HEX.	1	1	1	1	1	1				
9	65.96401-0007		CAP ; RUBBER	1	1	1	1	1	1				
10	65.98130-0127		ADAPTER	1	1	1	1	1	1				
11	06.01913-3115		BOLT ASS Y M8×25	2	2	2	2	2	2				
12	65.98131-0071		SCREW ; CONNECTION	1	1	1	1	1	1				
13	65.96507-0040A		RING ; SEAL	1	1	1	1	1	1				
14	65.05540-0018		BRACKET ; BY-PASS FILTER	1	1	1	1	1	1				
15	65.54901-0022	가	GASKET	2	2	2	2	2	2				
16	06.01923-3117		BOLT ASS Y M8×30	8	8	8	8	8	8				
18	65.01402-0008		COVER	1	1	1	1	1	1				
19	65.96501-0260A	O-	O-RING	1	1	1	1	1	1				
21	65.01402-5004C		COVER ; FLYWHEEL HOUSING	1	1	1	1	1	1				
22	65.01903-0166	가	GASKET ; F.W.H COVER	1	1	1	1	1	1				
23	06.01923-3117		BOLT ASS Y M8×30	8	8	8	8	8	8				
24	51.01510-0141		SEAL ; OIL	1	1	1	1	1	1				
25	65.41530-0127A		BRACKET ; REAR	2	2	2	2	2	2				
26	06.02101-0717		BOLT ; SOCKET HEAD	12	12	12	12	12	12				
27	06.16110-0109		WASHER ; SPRING	12	12	12	12	12	12				
28	65.01402-5023		COVER	1	1	1	1	1	1				

Fig.003 OIL SEPARATOR

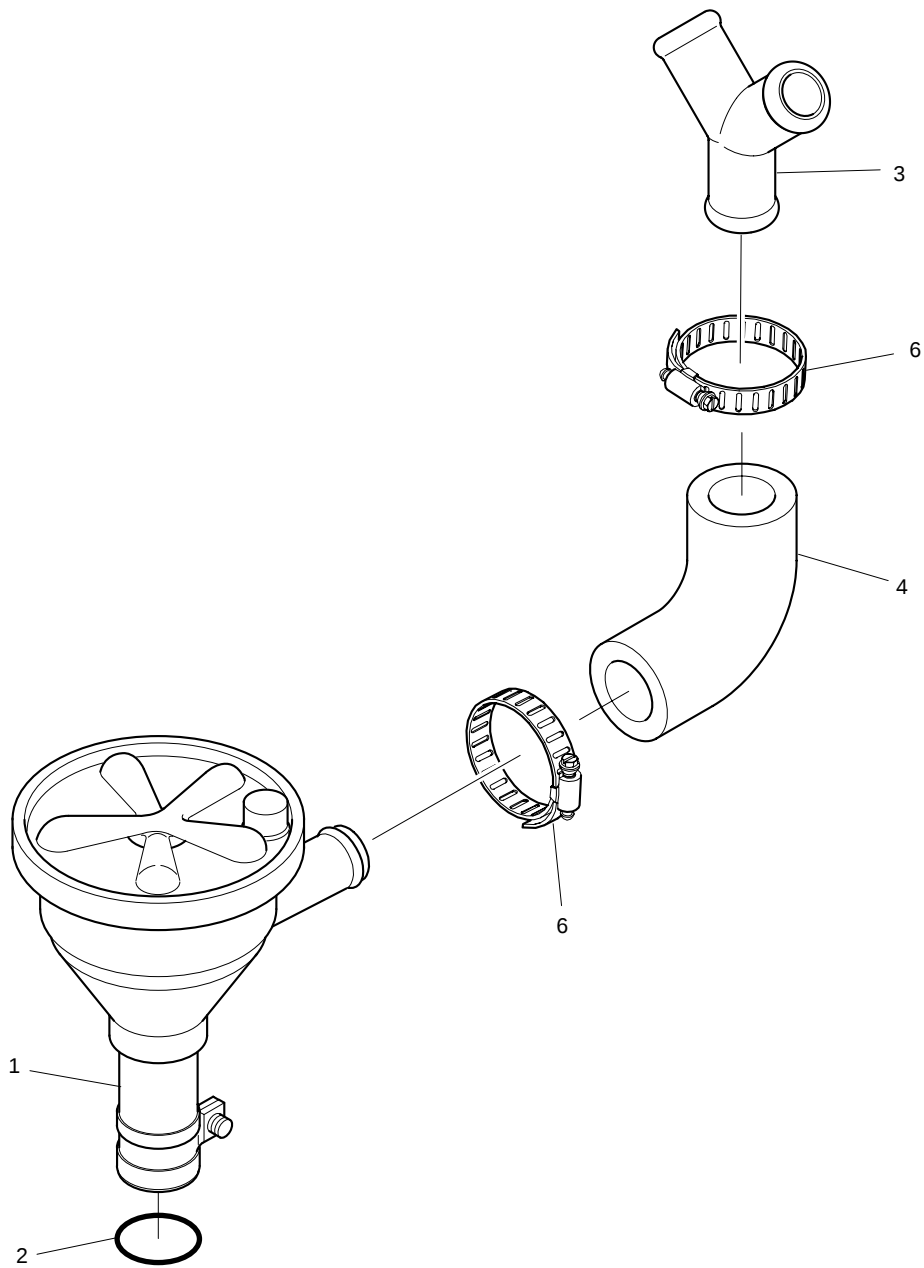


Fig.003 OIL SEPARATOR

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
003-1	51.01804-7026	O-	SEPARATOR	1	1	1	1	1	1				
2	65.96501-0032B		O-RING	1	1	1	1	1	1				
3	65.01802-0010		PIPE ; BREATHER	1	1	1	1	1	1				
4	65.96301-0370		HOSE ; SIL. D28×80	1	1	1	1	1	1				
6	06.67020-0106		CLAMP ; HOSE NW S20 DS-G	2	2	2	2	2	2				

Fig.005 CRANK SHAFT

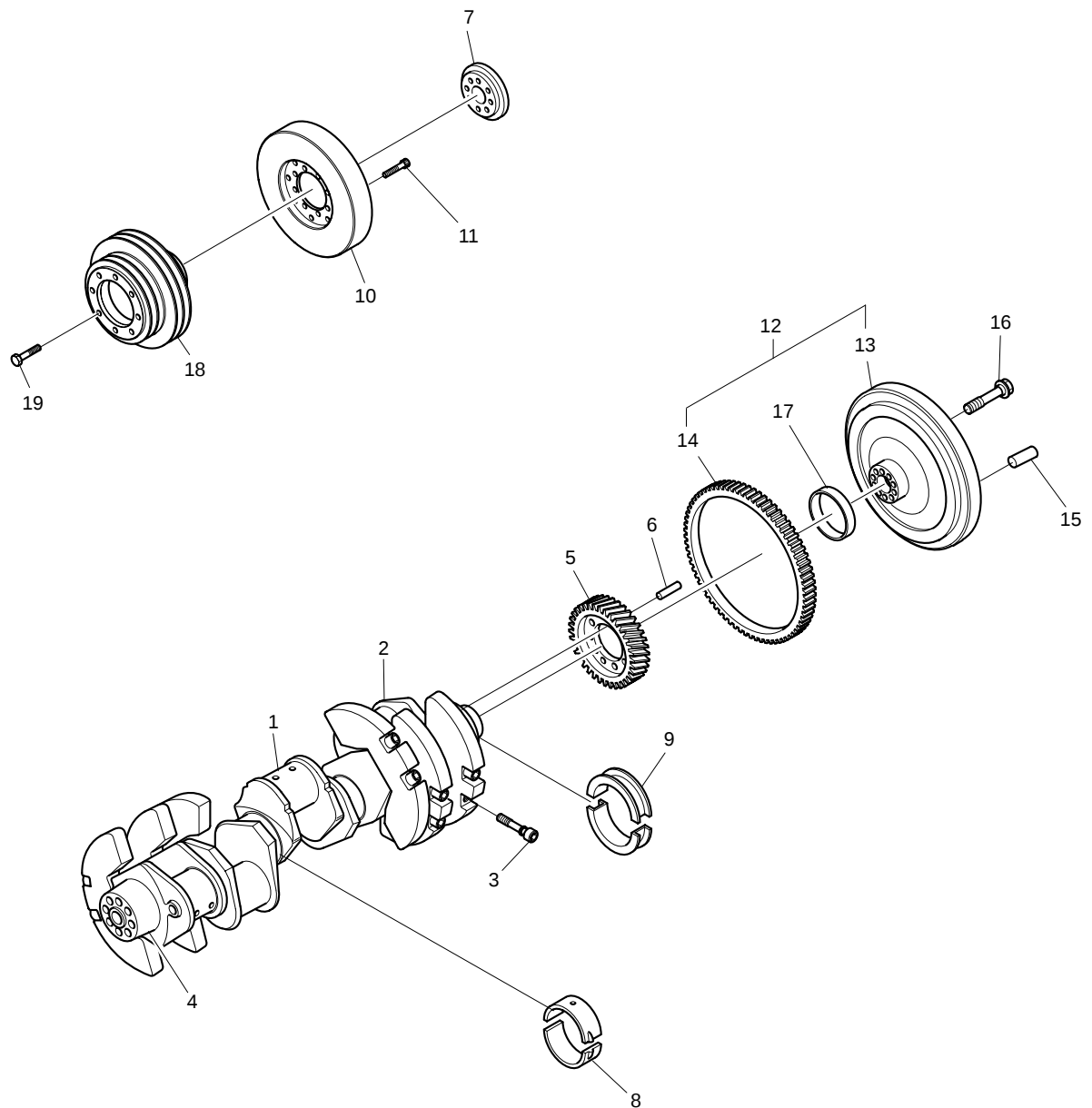


Fig.005 CRANK SHAFT

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
005-1	65.02101-7498		CRANK SHAFT ASS Y	1	1	-	-	-	-				
-	65.02101-0384		CRANK SHAFT ASS Y	1	1	-	-	-	-				
-	65.02101-7537		CRANK SHAFT ASS Y	-	-	1	1	-	-				
-	65.02101-0410		SHAFT ; CRANK	-	-	1	1	-	-				
-	65.02101-7539		CRANK SHAFT ASS Y	-	-	-	-	1	1				
-	65.02101-0411		SHAFT ; CRANK	-	-	-	-	1	1				
2	65.02110-0101A		WEIGHT ; BALANCE	4	4	-	-	-	-				
-	65.02110-0104A		WEIGHT ; BALANCE	2	2	-	-	-	-				
-	65.02110-0118		WEIGHT ; BALANCE	-	-	8	8	6	6				
-	65.02110-0102		WEIGHT ; BALANCE	-	-	2	2	-	-				
3	65.90030-0048A		BOLT ; BALANCE WEIGHT	12	12	-	-	12	12				
-	65.90030-0046A		BOLT ; BALANCE WEIGHT	-	-	20	20	-	-				
4	65.02130-0001		RING ; WEAR. (FRONT)	1	1	1	1	1	1				
5	65.02115-0066		GEAR ; CRANK SHAFT	1	1	1	1	1	1				
6	06.22022-3065		PIN ; PARALLER	1	1	1	1	1	1				
7	65.01505-0007		RING ; OIL THROWER	1	1	1	1	1	1				
8	65.01110-6529		BEARING ; MAIN	4	4	5	5	6	6				
9	65.01111-6539		BEARING ; THRUST	1	1	1	1	1	1				
10	65.02201-0045		DAMPER ; VIBRATION	-	-	1	1	1	1				
-	65.02201-7031		DAMPER ; VISCOUS	1	1	-	-	-	-				
11	65.90020-0062B		BOLT ; HEX. M10×20	6	6	-	-	-	-				
-	65.90030-0015		BOLT ; SOCKET HEAD	-	-	8	8	8	8				
12	65.02301-5014		FLYWHEEL ASS Y	1	1	1	1	1	1				
13	65.02301-0303C		FLYWHEEL	1	1	1	1	1	1				
14	65.02310-0073C		GEAR ; RING	1	1	1	1	1	1				
15	65.91303-0005		PIN ; TAPER	1	1	1	1	1	1				
16	65.90020-0127		BOLT ; FLYWHEEL	10	10	10	10	10	10				
17	65.02130-0013	()	RING ; WEAR.(REAR)	1	1	1	1	1	1				
18	65.02601-0322		PULLEY ; CRANK SHAFT	-	-	1	1	1	1				
-	65.02601-0165A		PULLEY ; CRANK SHAFT	1	1	-	-	-	-				
19	06.02106-0824		BOLT	8	8	8	8	8	8				

Fig.006 PISTON

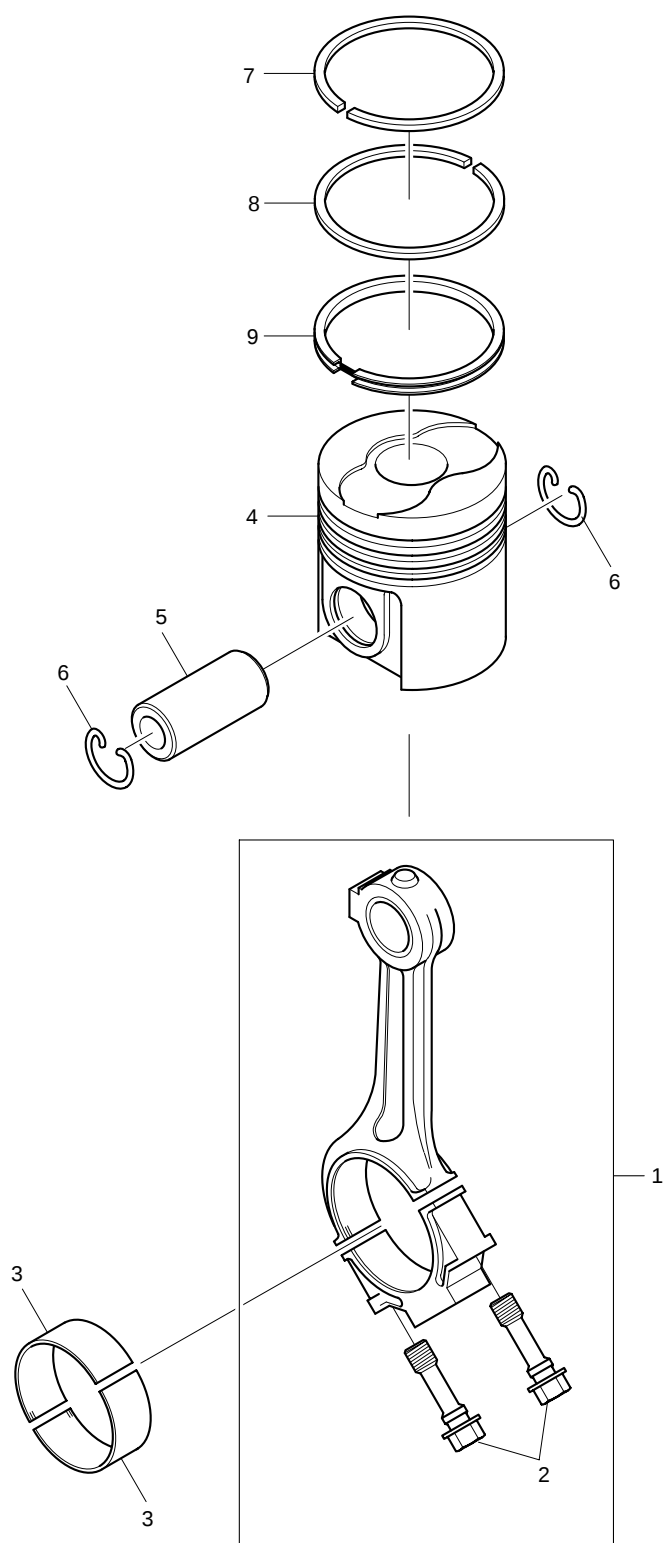


Fig.006 PISTON

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
006-1	65.02401-6020		CON-ROD ASS Y	8	8	10	10	12	12				
2	65.02411-0008	•	• BOLT ; CON-ROD	16	16	20	20	24	24				
3	65.02410-0100		BEARING ; CON-ROD	16	16	20	20	24	24				
4	65.02501-0702		PISTON	8	8	10	10	12	12				
5	65.02502-0081		PIN ; PISTON	8	8	10	10	12	12				
6	65.90810-0011		RING ; SNAP	16	16	20	20	24	24				
7	51.02503-0673	(1)	RING ; PISTON(TOP)	8	8	10	10	12	12				
8	51.02503-0661	(2)	RING ; PISTON(2ND)	8	8	10	10	12	12				
9	65.02503-0678	()	RING ; PISTON(OIL)	8	8	10	10	12	12				

Fig.007 CYLINDER HEAD

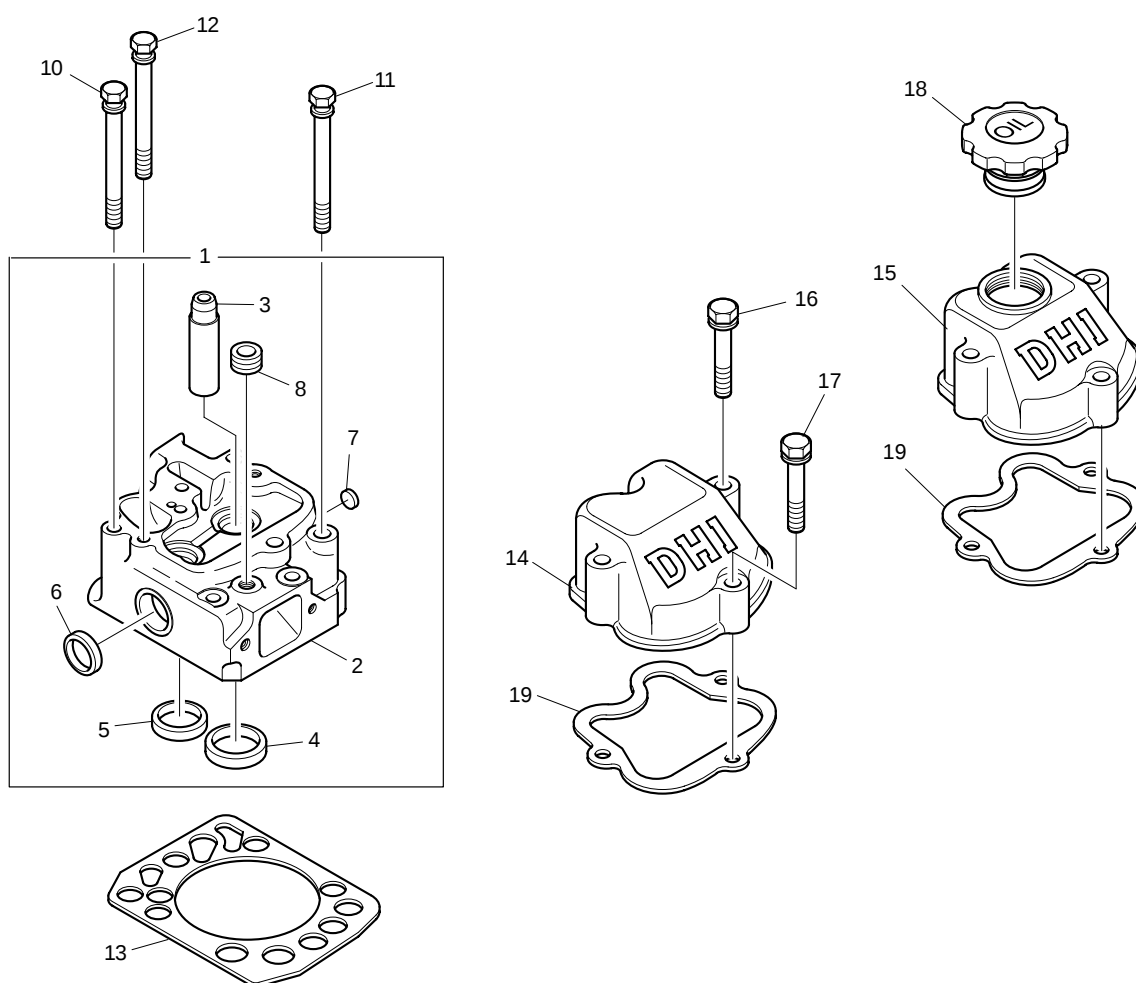


Fig.007 CYLINDER HEAD

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
007-1	65.03101-6067		CYLINDER HEAD ASS Y(ALT)	8	8	10	10	12	12	×			
2	65.03101-1047	• •	• • HEAD ; CYLINDER	8	8	10	10	12	12	D			
3	65.03201-1040	• • 가	• • GUIDE ; VALVE	16	16	20	20	24	24	B			
4	65.03203-0242	• •	• • SEAT ; VALVE(INTAKE)	8	8	10	10	12	12				
5	65.03203-0184	• •	• • SEAT ; VALVE(EXHAUST)	8	8	10	10	12	12				
6	65.91606-0037	• •	• • PLUG ; CORE HOLE	8	8	10	10	12	12				
7	65.91606-0041	• •	• • PLUG ; CORE HOLE	8	8	10	10	12	12				
8	06.08022-2207	• •	• • SCREW ; PLUG M22×1.5	8	8	10	10	12	12				
10	65.90020-0268		BOLT ; CYLINDER HEAD	16	16	20	20	24	24				
11	65.90020-0269		BOLT ; CYLINDER HEAD	24	24	30	30	36	36				
12	65.90020-0270		BOLT ; CYLINDER HEAD	8	8	10	10	12	12				
13	51.03901-0338	가	GASKET ; CYLINDER HEAD	8	8	10	10	12	12				
14	65.03401-0045A		COVER ; CYLINDER HEAD	7	7	9	9	11	11				
15	65.03401-0059		COVER ; CYLINDER HEAD	1	1	1	1	1	1				
16	06.01923-3125		BOLT ASS Y M8×70	16	16	20	20	24	24				
17	06.01923-3120		BOLT ASS Y M8×45	8	8	10	10	12	12				
18	65.01810-5007		FILLER CAP ASS Y	1	1	1	1	1	1				
19	65.03905-0015B	가	GASKET ; CYLINDER HEAD COVER	8	8	10	10	12	12				

Fig.008 CAM SHAFT

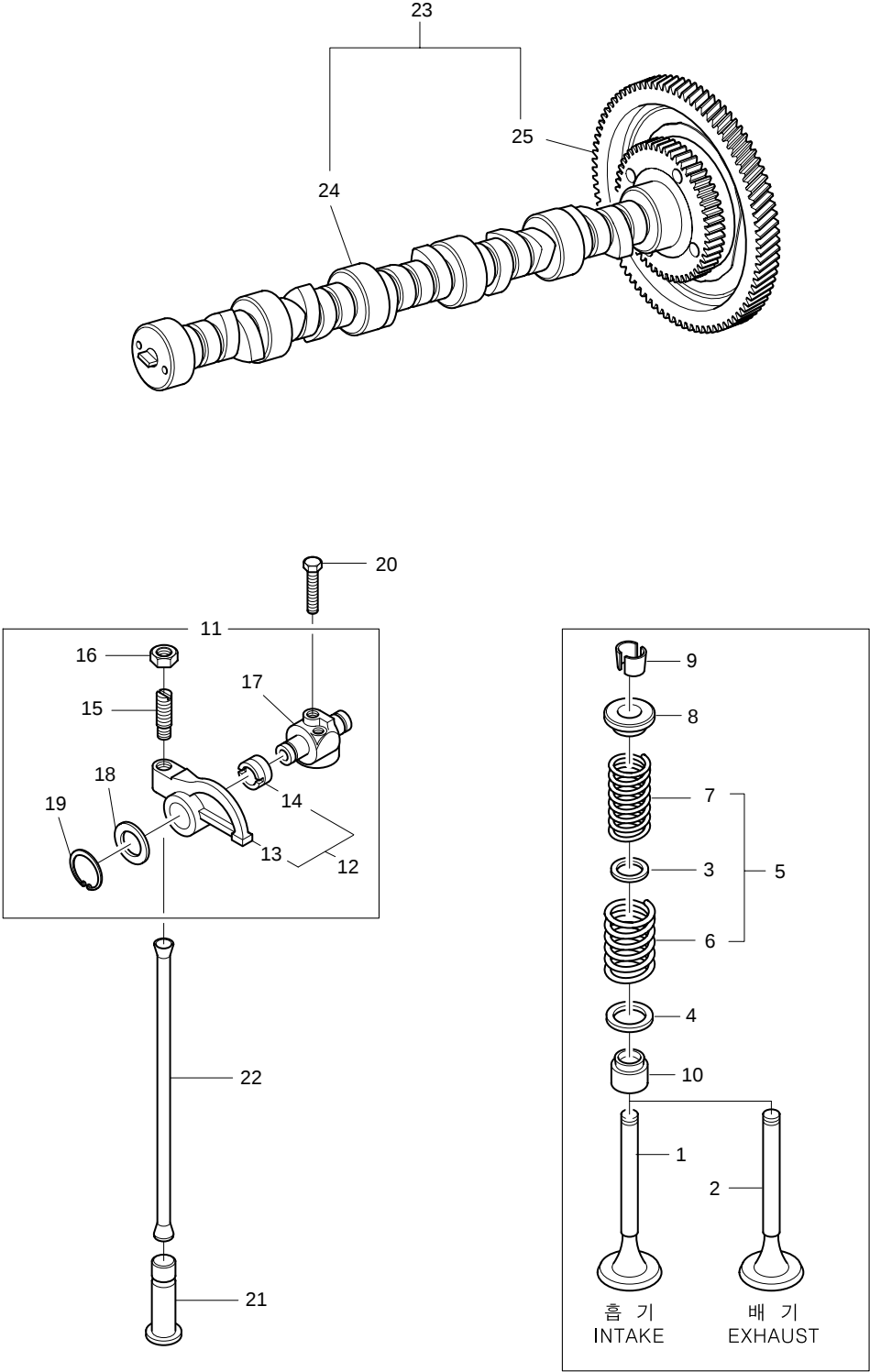


Fig.008 CAM SHAFT

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
008-1	65.04101-0375B		VALVE ; INTAKE	8	8	10	10	12	12				
2	65.04101-0367B		VALVE ; EXHAUST	8	8	10	10	12	12				
3	65.90701-0103		WASHER ; INNER	16	16	20	20	12	12				
4	65.90701-0104		WASHER ; OUTER	16	16	20	20	24	24				
5	65.04102-6007		SPRING VALVE ASS Y	16	16	20	20	24	24				
6	65.04102-0083A	()	SPRING ; VALVE(OUTOR)	16	16	20	20	24	24				
7	65.04102-0084A	()	SPRING ; VALVE(INNER)	16	16	20	20	24	24				
8	65.04103-0074		RETAINER ; SPRING VALVE	16	16	20	20	24	24				
9	51.04104-0023		COTTER ; VALVE	32	32	40	40	48	48				
10	65.04902-0027		SEAL ; VALVE STEM	16	16	20	20	24	24				
11	65.04200-6026A		ROCKER ARM ASS Y	8	8	10	10	12	12				
12	65.04201-6078		ROCKER ARM ASS Y	16	16	20	20	24	24				
13	65.04201-1003		ROCKER ; ARM	16	16	20	20	24	24				
14	65.93020-1011		BUSH ; ROCKER ARM	16	16	20	20	24	24				
15	65.04205-0021		SCREW ; ADJUST	16	16	20	20	24	24				
16	65.90501-0049		NUT ; HEX.	16	16	20	20	24	24				
17	65.04202-5035		R/A.B.K.T ASS Y	8	8	10	10	12	12				
18	65.90701-0136B		WASHER	16	16	20	20	24	24				
19	06.29010-0120		RING ; SNAP 24×1.2	16	16	20	20	24	24				
20	65.90001-0146A		BOLT ; HEX.	16	16	20	20	24	24				
21	65.04301-0079		TAPPET ; VALVE	16	16	20	20	24	24				
22	65.04302-0026		ROD ; PUSH	16	16	20	20	24	24				
23	65.04401-6002		CAM SHAFT ASS Y	-	-	1	1	-	-				
-	65.04401-6001		CAM SHAFT ASS Y	1	1	-	-	-	-				
-	65.04401-6003		CAM SHAFT ASS Y	-	-	-	-	1	1				
24	65.04401-0443	•	• SHAFT ; CAM	-	-	-	-	1	1	D			
-	65.04401-0440	•	• SHAFT ; CAM	-	-	1	1	-	-	D			
-	65.04401-0439	•	• SHAFT ; CAM	1	1	-	-	-	-	D			
25	65.11300-6001	••	• • DRIVE GEAR ASS Y	1	1	1	1	1	1	D			

Fig.009 OIL PUMP(1)

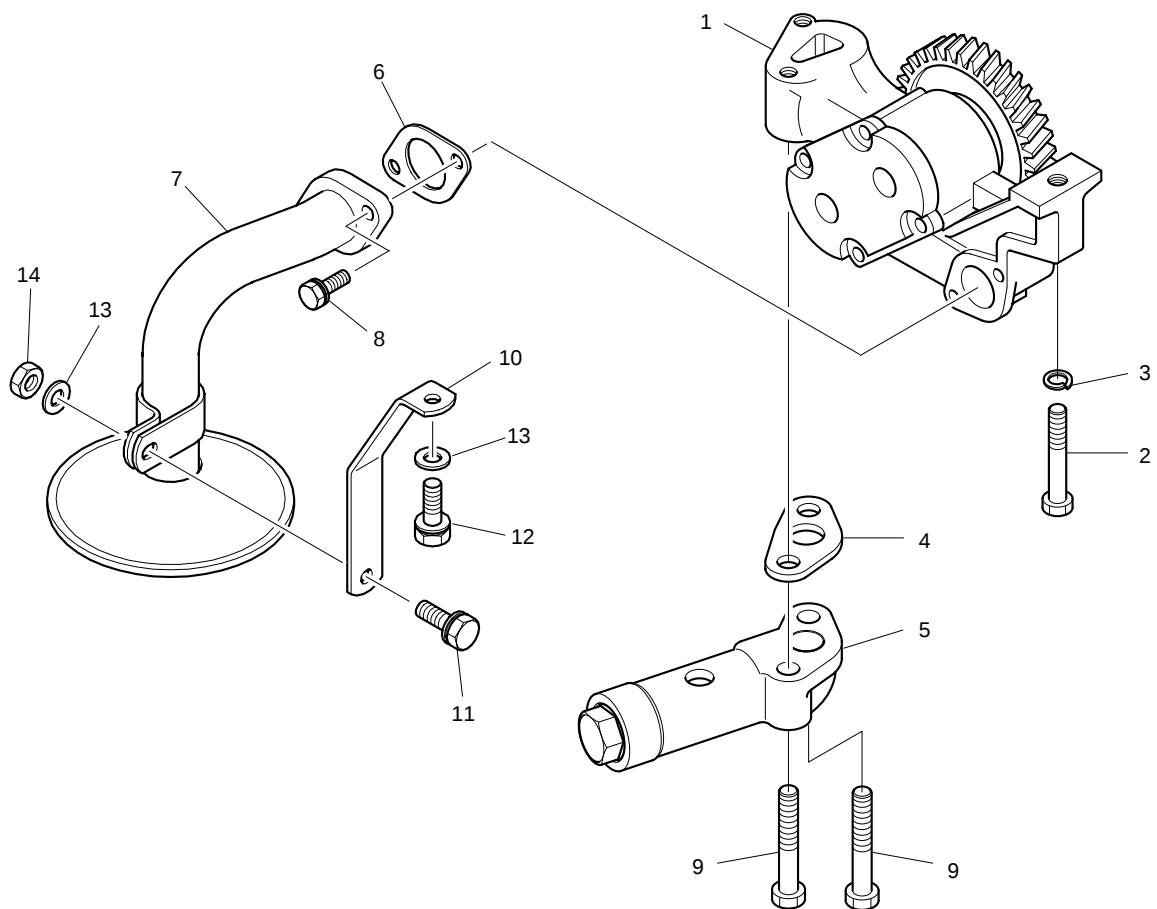


Fig.009 OIL PUMP(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
009-1	65.05100-6188	가	OIL PUMP ASS Y	1	1	-	-	-	-				
2	06.01013-9116		BOLT ; HEX. M8×55	1	1	-	-	-	-				
3	06.16731-2107		WASHER ; SPRING A8	1	1	-	-	-	-				
4	65.05903A0007		GASKET ; RELIEF VALVE	1	1	-	-	-	-				
5	65.05401-5014		RELIEF VALVE ASS Y	1	1	-	-	-	-				
6	65.96601-0055		GASKET	1	1	-	-	-	-				
7	65.05701-5590		PIPE ; OIL SUCTION	1	1	-	-	-	-				
8	06.01913-3215		BOLT ASS Y M10×25	1	1	-	-	-	-				
9	06.01913-3126		BOLT ASS Y M8×75	2	2	-	-	-	-				
10	65.05740-0094		BRACKET ; OIL SUCT PIPE	1	1	-	-	-	-				
11	06.01913-3114		BOLT ASS Y M8×22	1	1	-	-	-	-				
12	06.01913-3113		BOLT ASS Y M8×20	1	1	-	-	-	-				
13	06.15233-0150		WASHER	2	2	-	-	-	-				
14	06.11063-8214		NUT ; HEX. M8	1	1	-	-	-	-				

Fig.010 OIL PUMP(2)

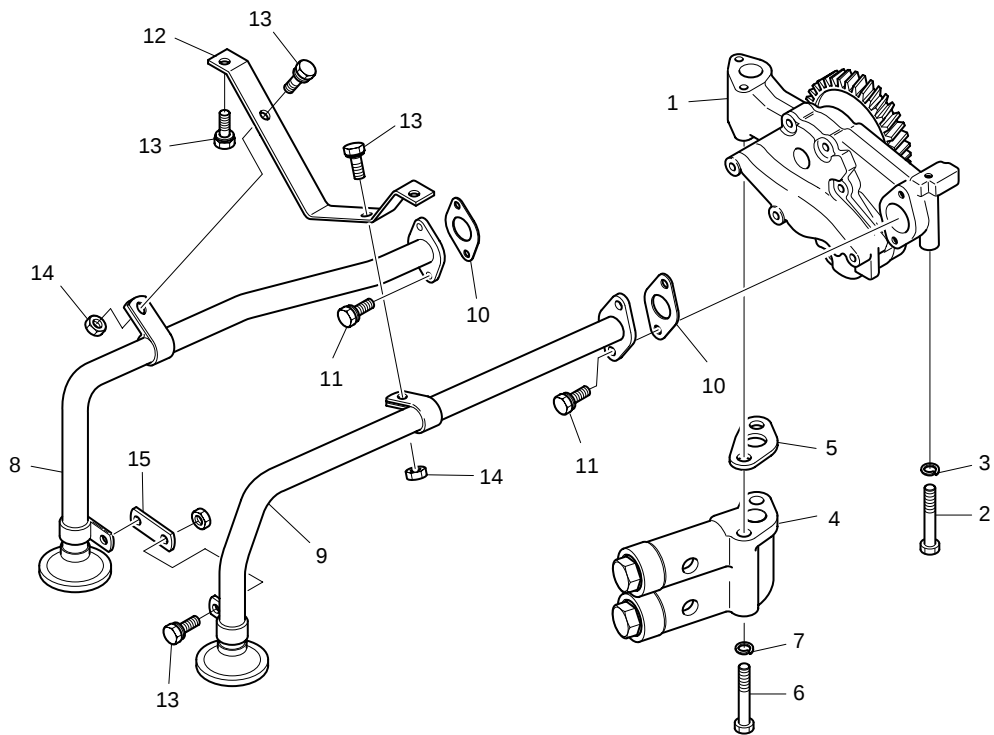


Fig.010 OIL PUMP(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
010-1	65.05100-6043A		OIL PUMP ASS'Y	-	-	1	1	1	1				
2	06.01013-9124		BOLT ; HEX. M8×95	-	-	1	1	1	1				
3	06.16731-2107		WASHER ; SPRING A8	-	-	1	1	1	1				
4	65.05401-5024		RELIEF VALVE ASS'Y	-	-	1	1	1	1				
5	65.05903A0006	가	GASKET ; RELIEF VALVE	-	-	1	1	1	1				
6	06.01013-9129		BOLT ; HEX. M8×140	-	-	2	2	2	2				
7	06.16731-2107		WASHER ; SPRING A8	-	-	2	2	2	2				
8	65.05701-5582		PIPE ; OIL SUCTION	-	-	-	-	1	1				
-	65.05701-5815		PIPE ; OIL SUCTION	-	-	1	1	-	-				
9	65.05701-5804		OIL SUCTION PIPE ASS'Y	-	-	-	-	1	1				
-	65.05701-5816		PIPE ; OIL SUCTION	-	-	1	1	-	-				
10	65.96601-0055	가	GASKET	-	-	2	2	2	2				
11	06.01913-3115		BOLT ASS'Y M8×25	-	-	4	4	4	4				
12	65.05740-0093		BRACKET	-	-	1	1	1	1				
13	06.01913-3113		BOLT ASS'Y M8×20	-	-	6	6	6	6				
14	06.11063-8214		NUT ; HEX. M8	-	-	4	4	4	4				
15	65.97408-0422		HOLDER	-	-	1	1	1	1				

Fig.011 OIL DRAIN PUMP(1)

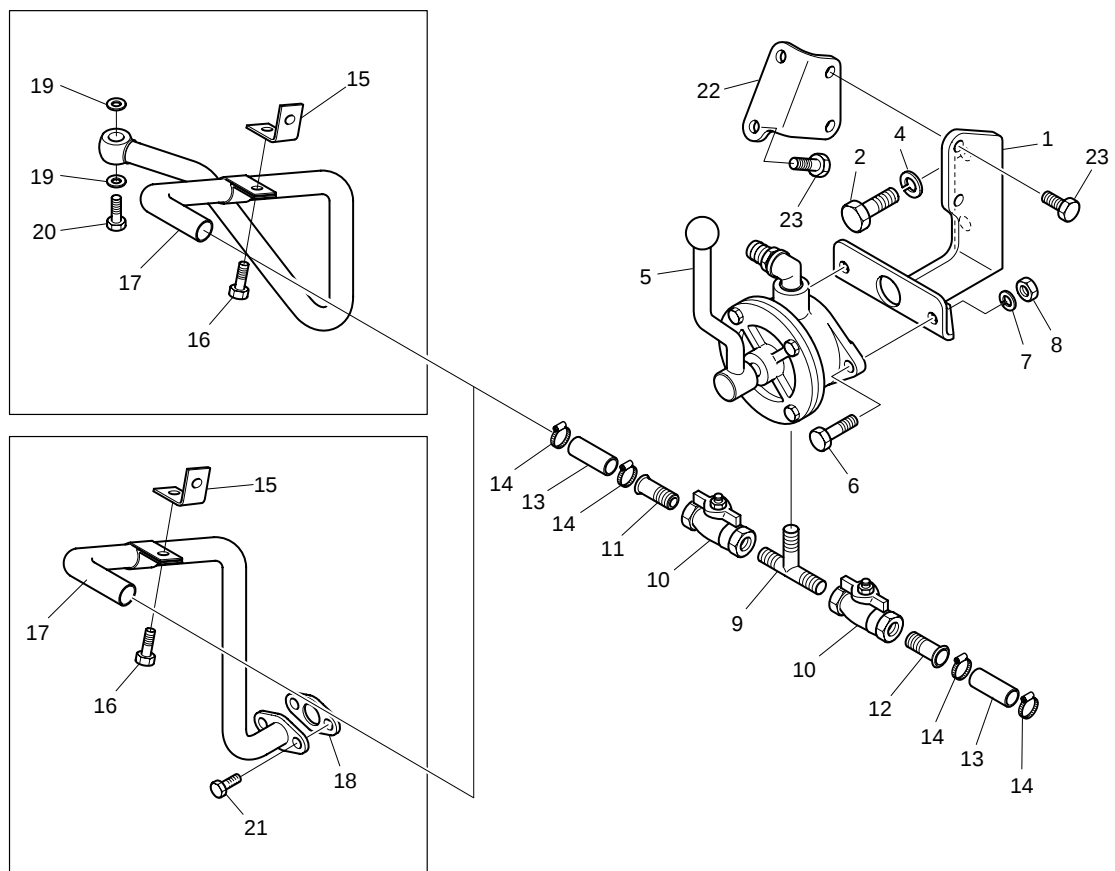


Fig.011 OIL DRAIN PUMP(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
011-1	65.05140-5001		BRACKET ; OIL DRAIN PUMP	1	-	1	-	1	-				
2	06.01493-4507		BOLT ; HEX. M16×1.5×50	2	-	2	-	2	-				
4	06.16731-2111		WASHER ; SPRING A16	2	-	2	-	2	-				
5	60.05101-7002		OIL DRAIN PUMP ASS Y	1	-	1	-	1	-				
6	06.01493-4308		BOLT ; HEX. M12×1.5×45	2	-	2	-	2	-				
7	06.16731-2109		WASHER ; SPRING A12	2	-	2	-	2	-				
8	06.11063-8216		NUT ; HEX. M12	2	-	2	-	2	-				
9	65.98130-0126	T-	T-ADAPTER	1	-	1	-	1	-				
10	65.98201-6001		GLOBE ; VALVE	2	-	2	-	2	-				
11	60.05701-0038		PIPE ; OIL	1	-	1	-	1	-				
12	65.05701-0009		PIPE ; OIL	1	-	1	-	1	-				
13	65.96301-0327		HOSE ; RUBBER	2	-	2	-	2	-				
14	65.97440-0103		CLAMP ; HOSE 20~32-8001	4	-	4	-	4	-				
15	65.97480-0190		HOLDER	1	-	1	-	1	-				
16	06.01923-3217		BOLT ; HEX.	1	-	1	-	1	-				
17	65.05701-5467		PIPE ; OIL	1	-	-	-	-	-				
-	65.05701-5468		PIPE ; OIL	-	-	1	-	-	-				
-	65.05701-5469		PIPE ; OIL	-	-	-	-	1	-				
18	60.05903A0004	가	GASKET	1	-	-	-	-	-				
19	06.56190-0728		RING ; SEAL A26×32	-	-	2	-	2	-				
20	06.78147-2808		SCREW ; HOLLOW	-	-	1	-	1	-				
21	06.01913-3217		BOLT ASS Y M10×30	2	-	-	-	-	-				
22	65.97480-0624		HOLDER	1	-	1	-	1	-				
23	06.01943-3317		BOLT ASS Y M12×30	4	-	4	-	4	-				

Fig.012 OIL DRAIN PUMP(2)

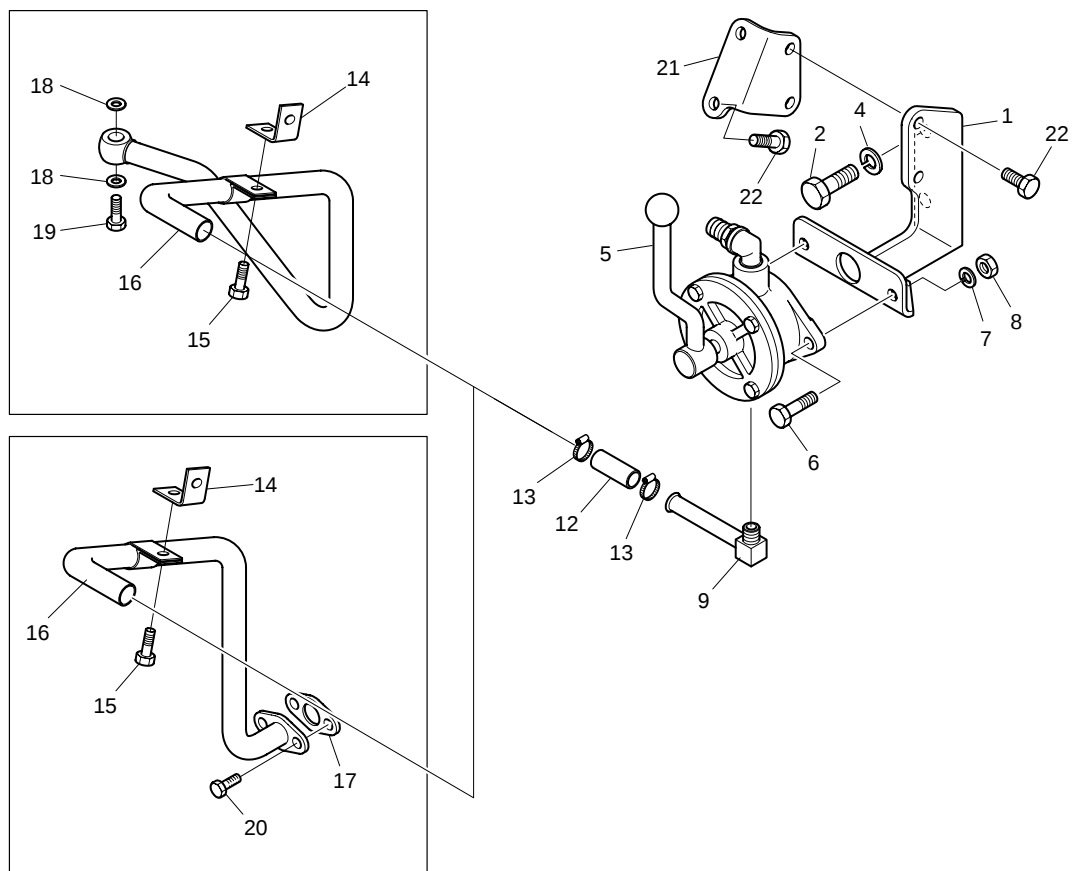


Fig.012 OIL DRAIN PUMP(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
012-1	65.05140-5001		BRACKET ; OIL DRAIN PUMP	-	1	-	1	-	1				
2	06.01493-4507		BOLT ; HEX. M16×1.5×50	-	2	-	2	-	2				
4	06.16731-2111		WASHER ; SPRING A16	-	2	-	2	-	2				
5	60.05101-7002		OIL DRAIN PUMP ASS Y	-	1	-	1	-	1				
6	06.01493-4308		BOLT ; HEX. M12×1.5×45	-	2	-	2	-	2				
7	06.16731-2109		WASHER ; SPRING A12	-	2	-	2	-	2				
8	06.11063-8216		NUT ; HEX. M12	-	2	-	2	-	2				
9	65.05701-5470		PIPE ; OIL	-	1	-	1	-	1				
12	65.96301-0327		HOSE ; RUBBER	-	1	-	1	-	1				
13	65.97440-0103		CLAMP ; HOSE 20~32-8001	-	2	-	2	-	2				
14	65.97480-0190		HOLDER	-	1	-	1	-	1				
15	06.01923-3217		BOLT ; HEX.	-	1	-	1	-	1				
16	65.05701-5467		PIPE ; OIL	-	1	-	-	-	-				
-	65.05701-5468		PIPE ; OIL	-	-	-	1	-	-				
-	65.05701-5469		PIPE ; OIL	-	-	-	-	-	1				
17	60.05903A0004	가	GASKET	-	1	-	-	-	-				
18	06.56190-0728		RING ; SEAL A26×32	-	-	-	2	-	2				
19	06.78147-2808		SCREW ; HOLLOW	-	-	-	1	-	1				
20	06.01913-3217		BOLT ASS Y M10×30	-	2	-	-	-	-				
21	65.97480-0624		HOLDER	-	1	-	1	-	1				
22	06.01943-3317		BOLT ASS Y M12×30	-	4	-	4	-	4				

Fig.013 OIL FILTER

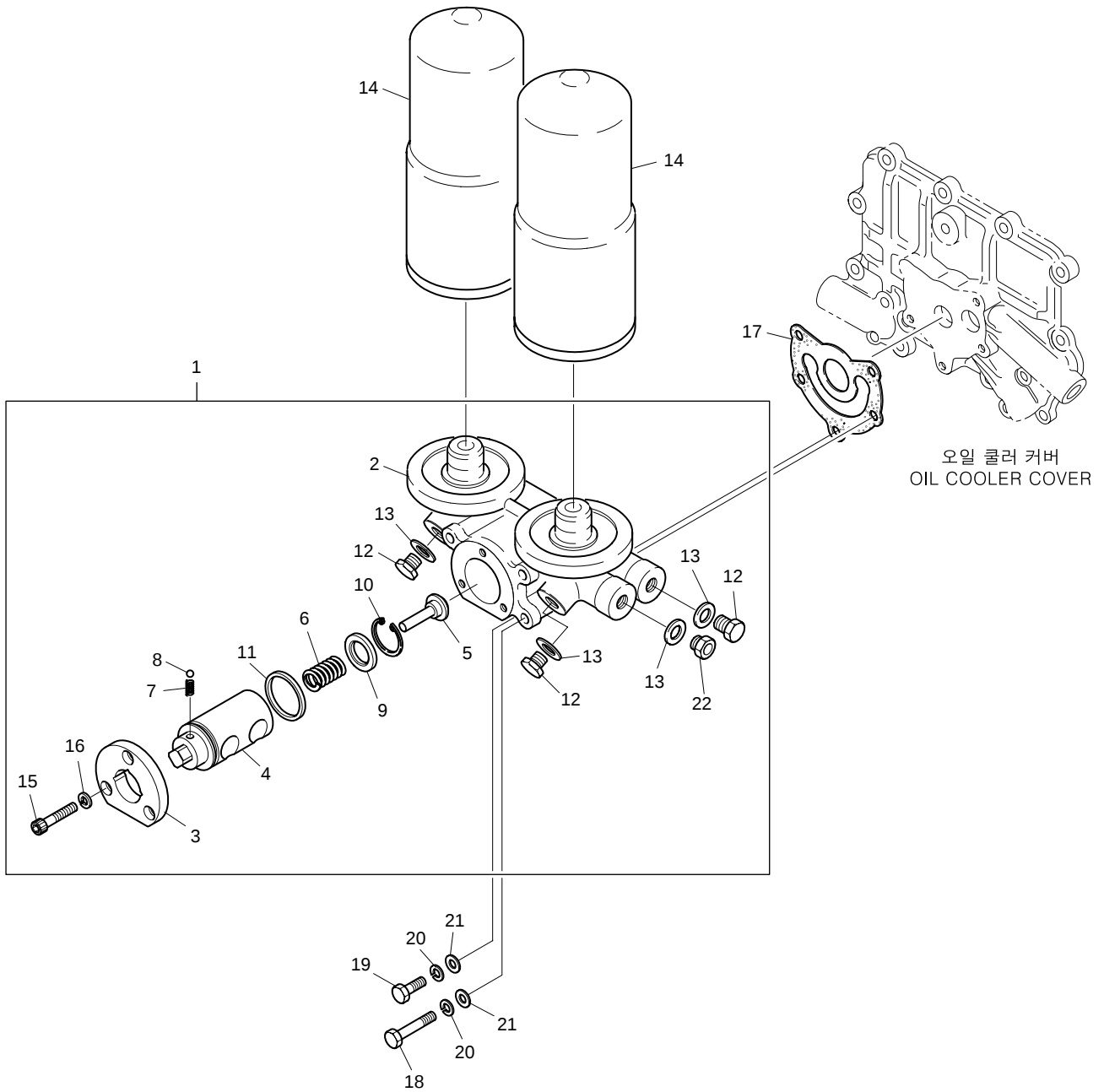


Fig.013 OIL FILTER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
013-1	65.05501-7048		OIL FILTER ASS Y	1	1	1	1	1	1				
2	65.05503-0018		HEAD O/F	1	1	1	1	1	1				
3	65.05517-0008		PLATE ; STEP	1	1	1	1	1	1				
4	65.05550-0003		COCK ; OIL FILTER	1	1	1	1	1	1				
5	65.05518-0005		VALVE	1	1	1	1	1	1				
6	65.97601-0083		SPRING ; COMPRESSION	1	1	1	1	1	1				
7	65.97601-0103		SPRING ; COMPRESSION	1	1	1	1	1	1				
8	06.31649-0615		BALL	1	1	1	1	1	1				
9	65.05541-0001		SEAT ; VALVE	1	1	1	1	1	1				
10	06.29020-0125		RING ; SNAP 40×1.75	1	1	1	1	1	1				
11	06.56011-0521	O-	O-RING	1	1	1	1	1	1				
12	06.08062-6208		SCREW ; PLUG M24×1.5	4	4	4	4	3	3				
13	06.56190-0722		RING ; SEAL 24×29	4	4	4	4	4	4				
14	65.05510-5020A	•	• CARTRIDGE ASS Y	2	2	2	2	2	2				
15	06.02090-0410		BOLT ; SOCKET HEAD	3	3	3	3	3	3				
16	06.16110-0106		WASHER ; SPRING A8	3	3	3	3	3	3				
17	65.05901A0080	가	GASKET ; FILTER(COVER)	1	1	1	1	1	1				
18	06.01013-9237		BOLT ; HEX. M10×125	4	4	4	4	4	4				
19	06.01284-7223		BOLT ; HEX. M10×60	1	1	1	1	1	1				
20	06.16731-2108		WASHER ; SPRING A10	5	5	5	5	5	5				
21	06.15010-2312		WASHER ; PLAIN 10.5	5	5	5	5	5	5				
22	65.98130-0112A		ADAPTER ; OIL PRESS. SENSOR	1	1	1	1	1	1				

Fig.014 OIL COOLER(1)

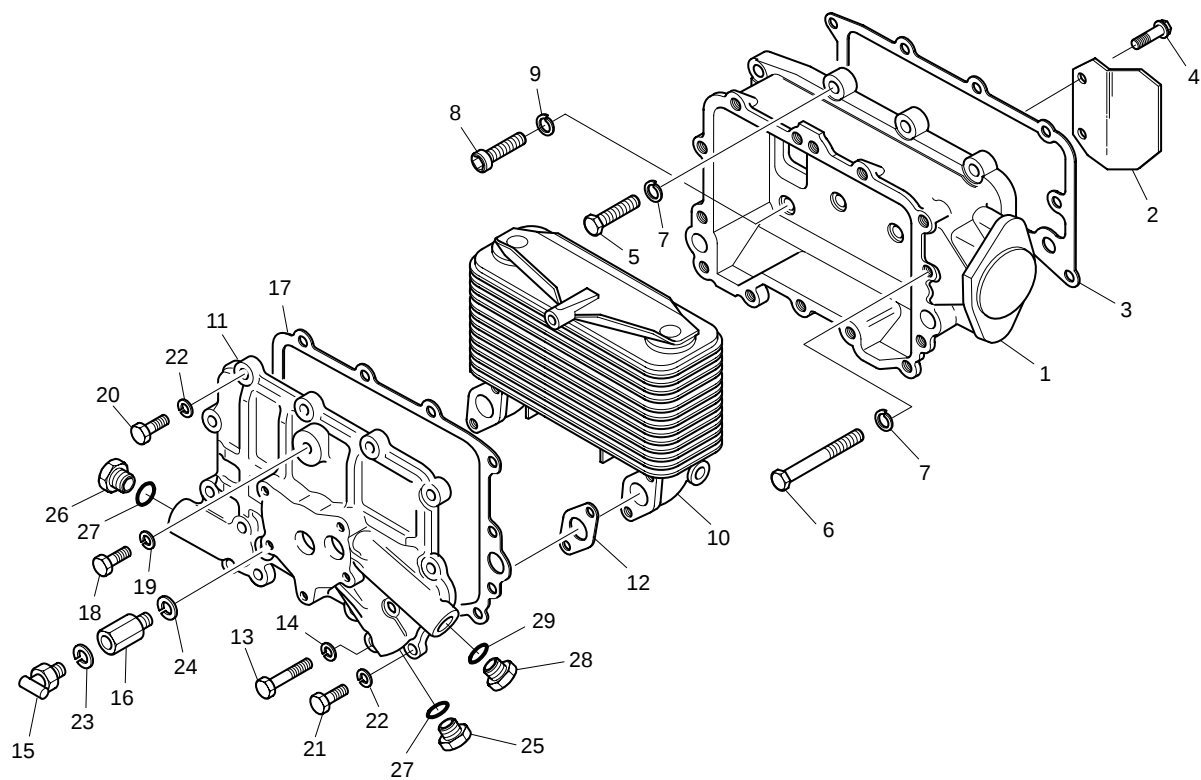


Fig.014 OIL COOLER(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
014-1	65.05604-0018	가	HOUSING ; OIL COOLER	1	1	1	1	-	-				
2	65.05604-0012		PLATE	1	1	1	1	-	-				
3	65.05901-0014		GASKET ; OIL COOLER	1	1	1	1	-	-				
4	06.01283-7113		BOLT ; HEX. M8×20	2	2	2	2	-	-				
5	06.01284-7218		BOLT ; HEX. M10×35	6	6	6	6	-	-				
6	06.01014-9226		BOLT ; HEX.	1	1	1	1	-	-				
7	06.16731-2108		WASHER ; SPRING A10	7	7	7	7	-	-				
8	65.90030-0001		BOLT ; SOCKET HEAD	3	3	3	3	-	-				
9	65.90701-0091		WASHER ; PLAIN 10.5	3	3	3	3	-	-				
10	65.05601-7135		OIL COOLER ASS Y	1	1	1	1	-	-				
11	65.05605-0026		COVER ; OIL COOLER HOUSING	1	1	1	1	-	-				
12	65.96601-0221B		GASKET	2	2	2	2	-	-				
13	06.01013-9116		BOLT ; HEX. M8×55	4	4	4	4	-	-				
14	06.16044-0210		WASHER ; SPRING	4	4	4	4	-	-				
15	60.98201-7009		VALVE ; DRAIN	1	1	1	1	-	-				
16	65.98130-0178		ADAPTER	1	1	1	1	-	-				
17	65.05902A0038		GASKET ; COVER-HOUSING	1	1	1	1	-	-				
18	06.01283-7111		BOLT ; HEX. M8×16	1	1	1	1	-	-				
19	06.16044-0210		WASHER ; SPRING	1	1	1	1	-	-				
20	06.01284-7117		BOLT ; HEX. M8×30	12	12	12	12	-	-				
21	06.01284-7115		BOLT ; HEX. M8×25	1	1	1	1	-	-				
22	06.16044-0210		WASHER ; SPRING	13	13	13	13	-	-				
23	06.56190-0708		RING ; SEAL A16×22	1	1	1	1	-	-				
24	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	-	-				
25	65.90310-0133		SCREW ; PLUG	2	2	2	2	-	-				
26	65.98130-0180		ADAPTER ; BY-PASS FILTER	1	1	1	1	-	-				
27	06.56190-0726		RING ; SEAL 26×31	2	2	2	2	-	-				
28	65.90310-0134		SCREW ; PLUG	1	1	1	1	-	-				
29	06.56190-0732		RING ; SEAL 30×36	1	1	1	1	-	-				

Fig.015 OIL COOLER(2)

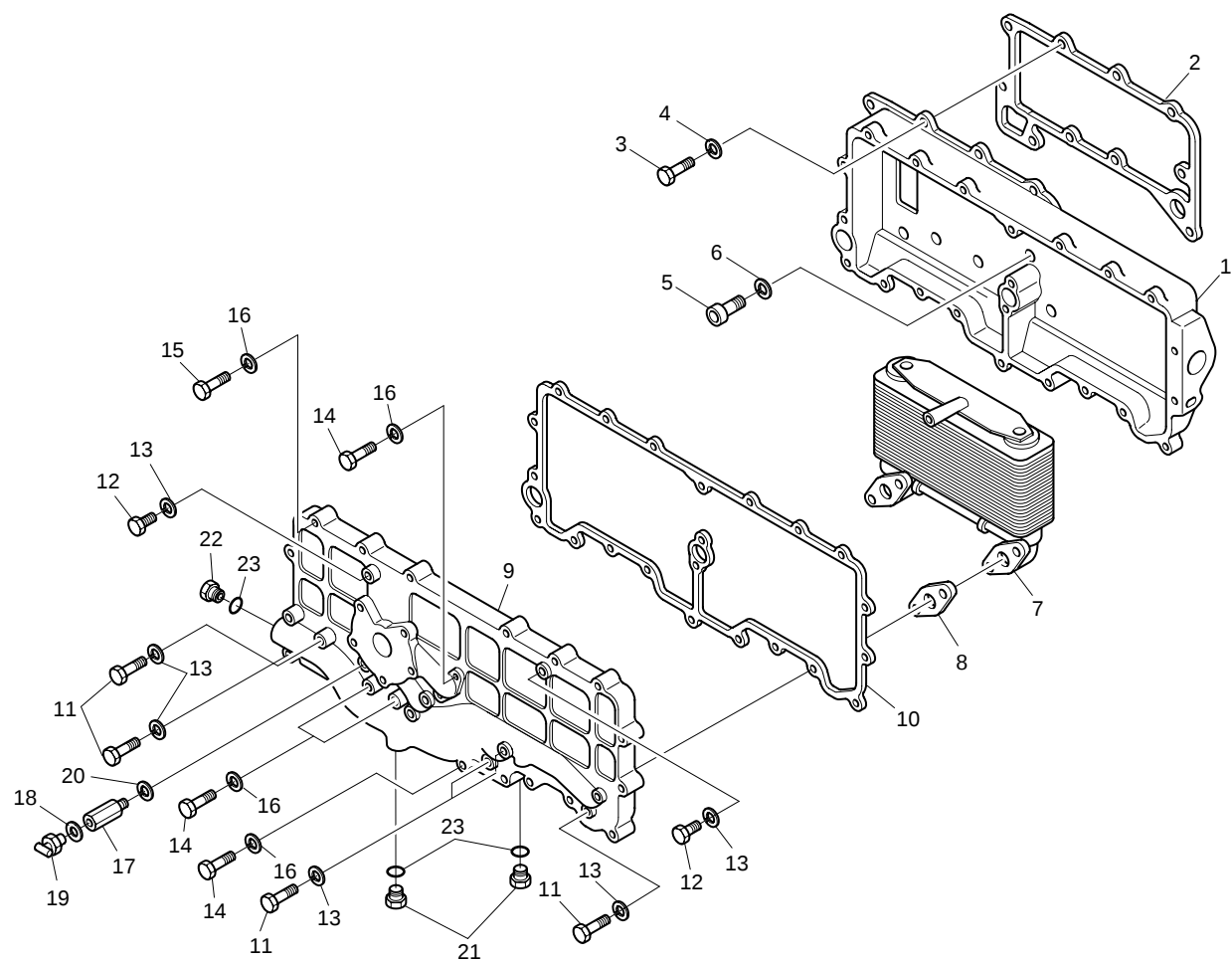


Fig.015 OIL COOLER(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
015-1	65.05604-0023		HOUSING ; OIL COOLER	-	-	-	-	1	1				
2	65.05901-0014	가	GASKET ; OIL COOLER	-	-	-	-	1	1				
3	06.01284-7218		BOLT ; HEX. M10×35	-	-	-	-	5	5				
4	06.16044-0211		WASHER ; WAVE B10	-	-	-	-	5	5				
5	65.90030-0001		BOLT ; SOCKET HEAD	-	-	-	-	5	5				
6	65.90701-0091		WASHER ; PLAIN 10.5	-	-	-	-	5	5				
7	65.05601-7135		OIL COOLER ASS Y	-	-	-	-	2	2				
8	65.96601-0221B	가	GASKET	-	-	-	-	4	4				
9	65.05605-0035		COVER ; OIL COOLER HOUSING	-	-	-	-	1	1				
10	65.05902A0041	가	GASKET ; O/C H.S.G - O/L	-	-	-	-	1	1				
11	06.01013-9116		BOLT ; HEX. M8×55	-	-	-	-	8	8				
12	06.01283-7111		BOLT ; HEX. M8×16	-	-	-	-	2	2				
13	06.16044-0210		WASHER ; SPRING	-	-	-	-	10	10				
14	06.01913-3123		BOLT ; HEX. M8×60	-	-	-	-	5	5				
15	06.01283-7118		BOLT ; HEX. M8×35	-	-	-	-	17	17				
16	06.16044-0210		WASHER ; SPRING	-	-	-	-	22	22				
17	65.98130-0178		ADAPTER	-	-	-	-	1	1				
18	06.56190-0706		RING ; SEAL A14×20	-	-	-	-	1	1				
19	60.98201-7009		VALVE ; DRAIN	-	-	-	-	1	1				
20	06.56190-0708		RING ; SEAL A16×22	-	-	-	-	1	1				
21	65.90310-0133		SCREW ; PLUG	-	-	-	-	2	2				
22	65.98130-0180		ADAPTER ; BY-PASS FILTER	-	-	-	-	1	1				
23	06.56190-0726		RING ; SEAL 26×31	-	-	-	-	3	3				

Fig.016 OIL PIPE

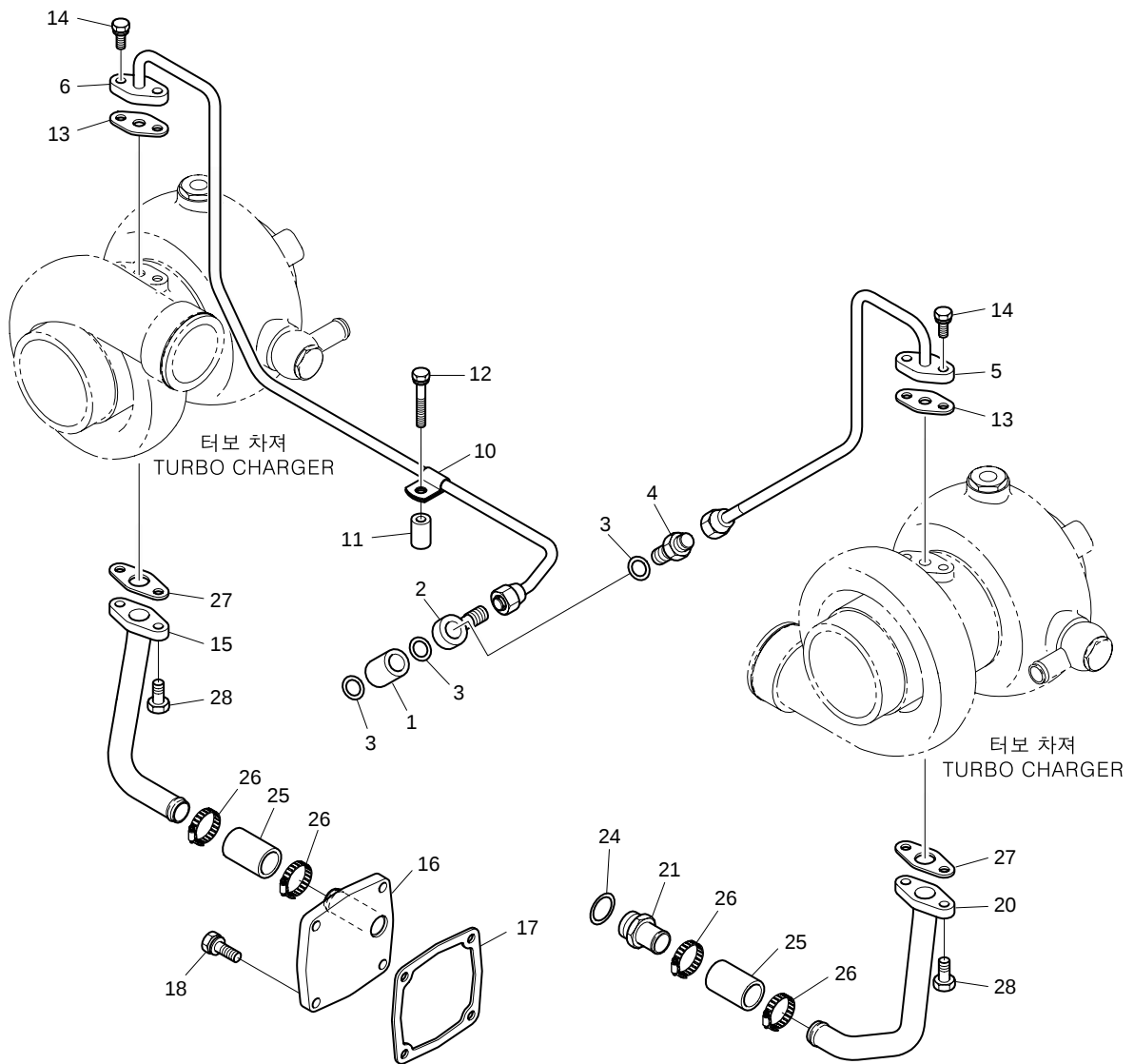


Fig.016 OIL PIPE

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
016-1	65.90710-0250A		WASHER	1	1	1	1	1	1				
2	65.98103-0020A		UNION ; BANJO	1	1	1	1	1	1				
3	06.56190-0706		RING ; SEAL A14×20	3	3	3	3	3	3				
4	65.98150-0044A		SCREW ; HOLLOW	1	1	1	1	1	1				
5	65.05701-5962	()	PIPE ; OIL(L.H.)	1	1	1	1	1	1				
6	65.05701-5965	()	PIPE ; OIL(R.H.)	1	1	1	1	1	1				
10	65.97401-0110A		PIPE ; CLIP	1	1	1	1	1	1				
11	65.91701-0086		SPACER	1	1	1	1	1	1				
12	06.01913-3122		BOLT ASS Y M8×55	1	1	1	1	1	1				
13	65.96601A0241	가	GASKET ; OIL PIPE ADPTR	2	2	2	2	2	2				
14	06.01913-3144		BOLT ASS Y M8×22	4	4	4	4	4	4				
15	65.05701-5968		PIPE ; OIL (RED MARKING)	1	1	1	1	1	1				
-	65.05701-5966		PIPE ; OIL	-	-	-	-	-	1				V222TIM
16	65.01402-5023		COVER	1	1	1	1	1	1				
17	65.54901-0022	가	GASKET	1	1	1	1	1	1				
18	06.01923-3117		BOLT ASS Y	4	4	4	4	4	4				
20	65.05701-5967		PIPE ; OIL (RED MARKING)	1	1	1	1	1	1				
-	65.05701-5963		PIPE ; OIL	-	-	-	-	-	1				V222TIM
21	65.98131-0071		SCREW ; CONNECTION	1	1	1	1	1	1				
24	06.56190-0728		RING ; SEAL A26×32	1	1	1	1	1	1				
25	65.96301-0327		HOSE ; RUBBER	2	2	2	2	2	2				
26	65.97440-0103		CLAMP ; HOSE 20~32	4	4	4	4	4	4				
27	65.96601A0240	가	GASKET ; T/C OIL RETURN	2	2	2	2	2	2				
28	06.01913-3214		BOLT ; HEX. M10×22	4	4	4	4	4	4				

Fig.017 OIL PAN(1)

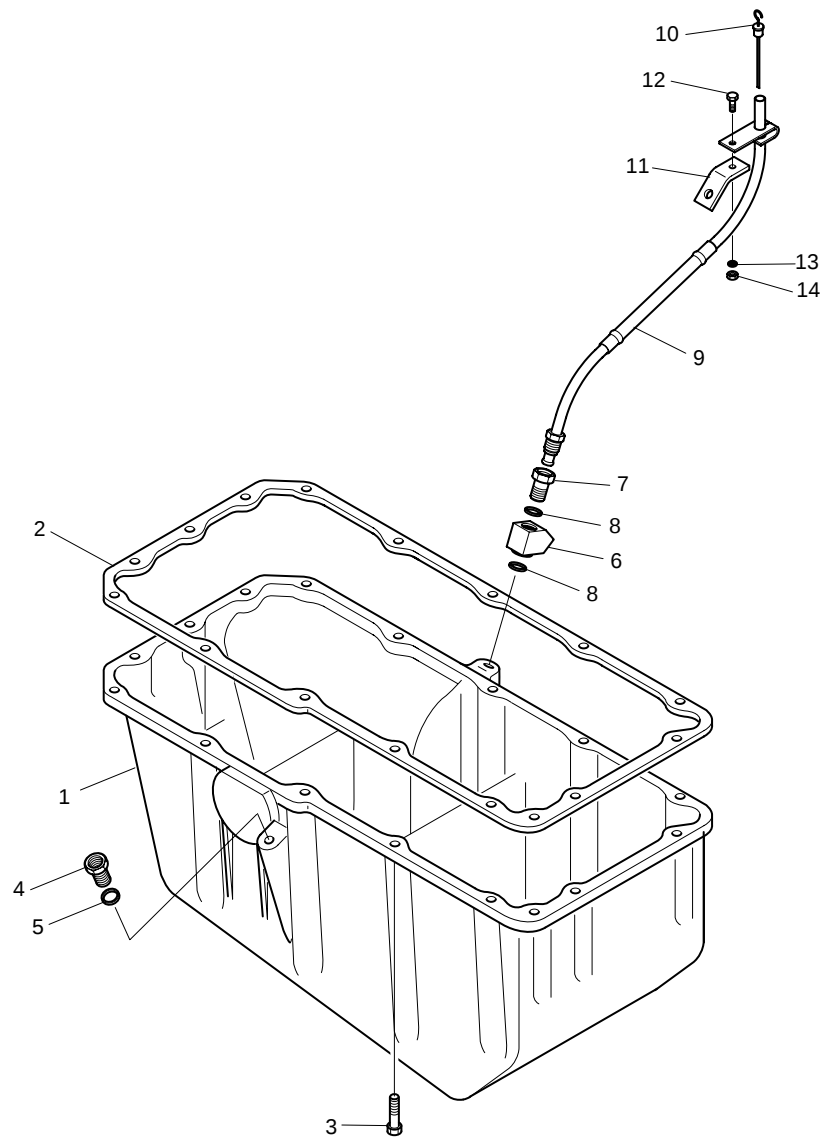


Fig.017 OIL PAN(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
017-1	65.05801-5213		OIL PAN ASS Y	1	1	-	-	-	-				
-	65.05801-5214		OIL PAN ASS Y	-	-	1	1	-	-				
2	65.05904A0092	가	GASKET ; OIL PAN	1	1	-	-	-	-				
-	65.05904A0093	가	GASKET ; OIL PAN	-	-	1	1	-	-				
3	06.01933-3118		BOLT ASS Y M8×35	16	16	18	18	-	-				
4	65.98130-0132		ADAPTER	1	1	1	1	-	-				
5	06.56190-0713		RING ; SEAL A18×24	1	1	1	1	-	-				
6	65.98130-0133		ADAPTER	1	1	1	1	-	-				
7	65.98150-0075		SCREW ; HOLLOW	1	1	1	1	-	-				
8	06.56190-0713		RING ; SEAL A18×24	2	2	2	2	-	-				
9	65.05806-6084	가	TUBE ; GUIDE	1	1	1	1	-	-				
10	65.05805-5206		GAUGE ; OIL LEVEL	1	1	-	-	-	-				
-	65.05805-5207		GAUGE ; OIL LEVEL	-	-	1	1	-	-				
11	65.97480-0197		HOLDER	1	1	1	1	-	-				
12	06.01283-6913		BOLT ; HEX. M6×20	1	1	1	1	-	-				
13	06.16731-2105		WASHE ; SPRING A6	1	1	1	1	-	-				
14	06.11063-8212		NUT ; HEX. M6	1	1	1	1	-	-				

Fig.018 OIL PAN(2)

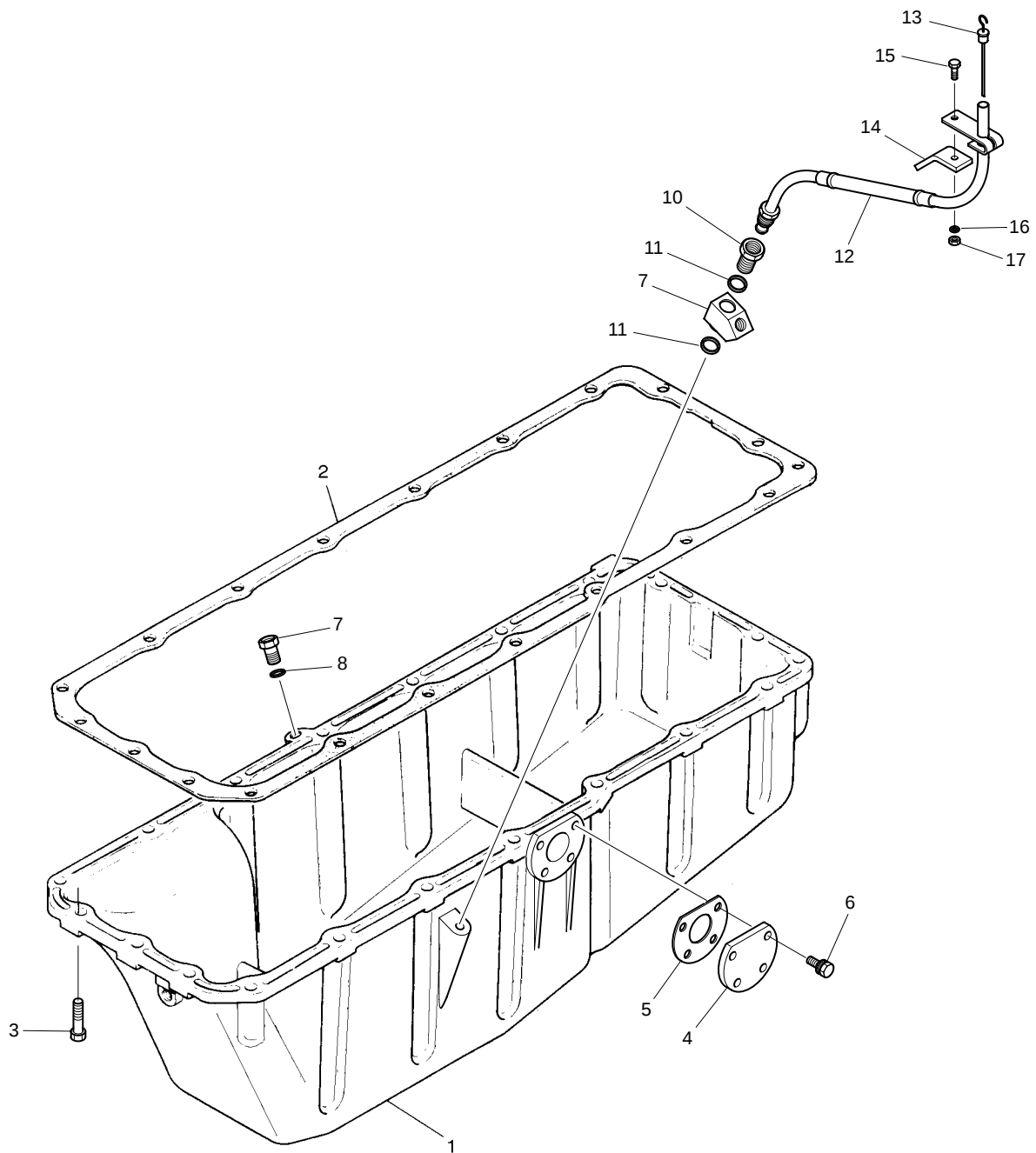


Fig.018 OIL PAN(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
018-1	65.05801-5215		OIL PAN ASS Y	-	-	-	-	1	1				
2	65.05904A0105	가	GASKET ; OIL PAN	-	-	-	-	1	1				
3	06.01933-3118		BOLT ASS Y M8×35	-	-	-	-	20	20				
4	65.98112-0031		COVER ; OIL PAN	-	-	-	-	1	1				
5	65.05901A0019	가	GASKET ; BY-PASS FILTER	-	-	-	-	1	1				
6	06.01913-3217		BOLT ASS Y M10×30	-	-	-	-	4	4				
7	65.98130-0132		ADAPTER	-	-	-	-	1	1				
8	06.56190-0713		RING ; SEAL A18×24	-	-	-	-	1	1				
9	65.98130-0133		ADAPTER	-	-	-	-	1	1				
10	65.98150-0075		SCREW ; HOLLOW	-	-	-	-	1	1				
11	06.56190-0713		RING ; SEAL A18×24	-	-	-	-	2	2				
12	65.05806-6084	가	TUBE ; GUIDE	-	-	-	-	1	1				
13	65.05805-5207		GAUGE ; OIL LEVEL	-	-	-	-	1	1				
14	65.97480-0197		HOLDER	-	-	-	-	1	1				
15	06.01283-6913		BOLT ; HEX. M6×20	-	-	-	-	1	1				
16	06.16731-2105		WASHER ; SPRING A6	-	-	-	-	1	1				
17	06.11063-8212		NUT ; HEX. M6	-	-	-	-	1	1				

Fig.019 OIL BY-PASS FILTER

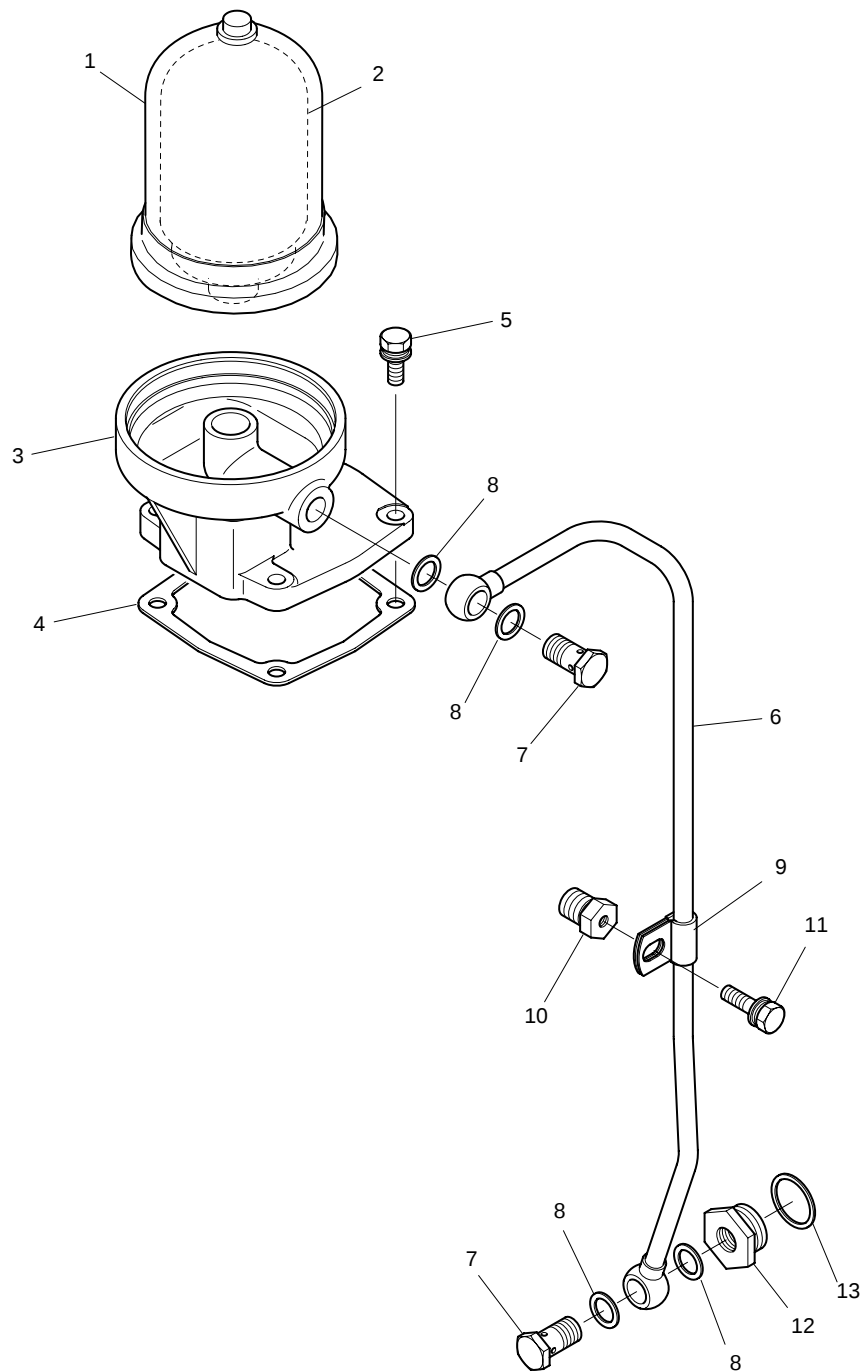


Fig.019 OIL BY-PASS FILTER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
019-1	65.05501-7077		BY-PASS FILTER ASS Y	1	1	1	1	1	1				
2	65.05510-5030	•	• ROTOR	1	1	1	1	1	1				
3	65.05540-0018		BRACKET ; OIL FILTER	1	1	1	1	1	1				
4	65.54901-0022	가	GASKET ; BY-PASS FILTER	1	1	1	1	1	1				
5	06.01923-3117		BOLT ASS Y M8×30	4	4	4	4	4	4				
6	65.05701-5484		PIPE ; OIL	1	1	1	1	1	1				
7	65.98150-0074		SCREW ; HOLLOW	2	2	2	2	2	2				
8	06.56190-0706		RING ; SEAL A14×20	4	4	4	4	4	4				
9	65.97401-0110A		CLIP ; PIPE	1	1	1	1	1	1				
10	65.91701-0189		SPACER	1	1	1	1	1	1				
11	06.01923-3110		BOLT ASS Y M8×12	1	1	1	1	1	1				
12	65.98130-0180		ADAPTER ; BY-PASS FILTER	1	1	1	1	1	1				
13	06.56190-0726		RING ; SEAL 26×31	1	1	1	1	1	1				

Fig.020 HEAT EXCHANGER

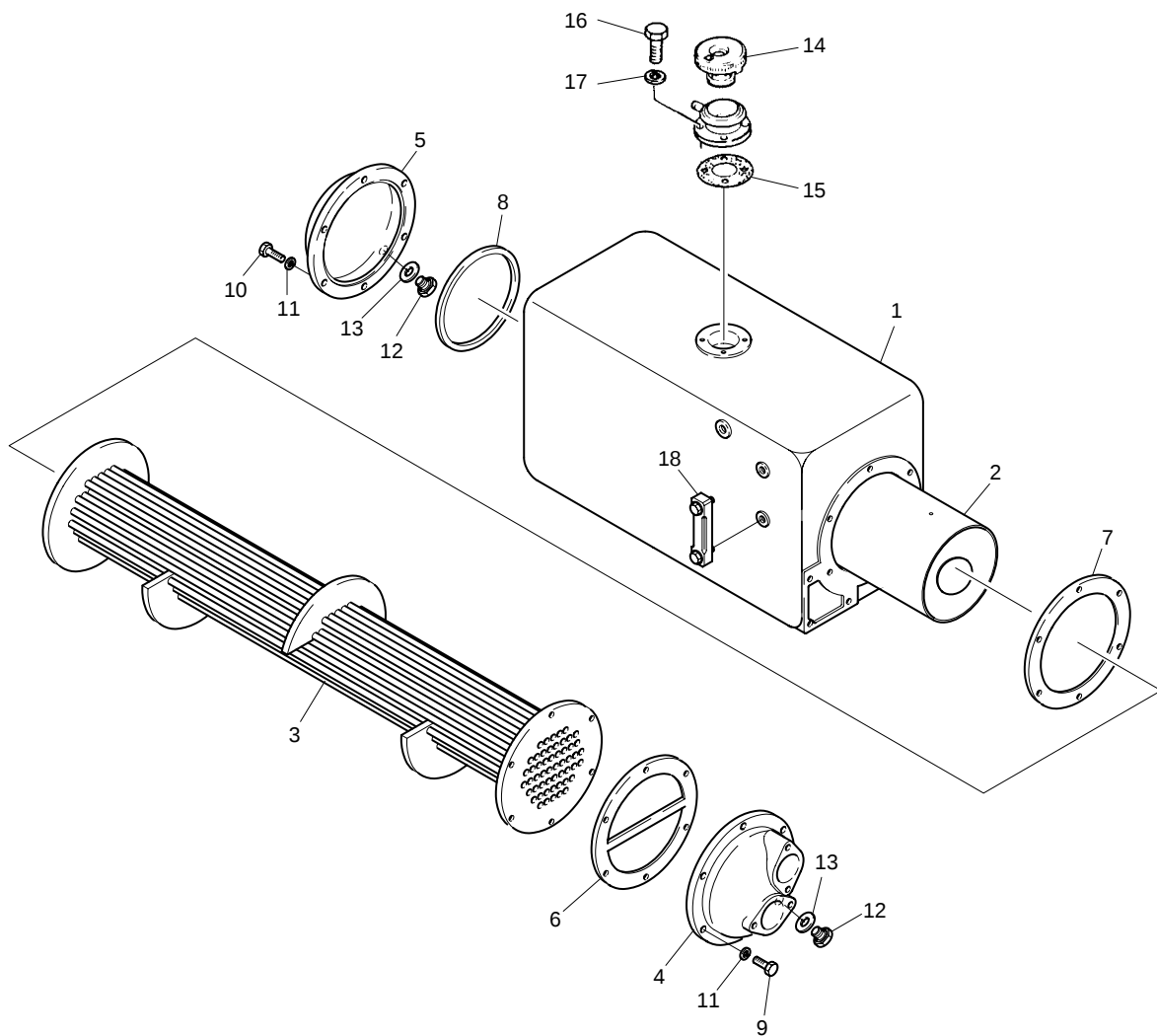


Fig.020 HEAT EXCHANGER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
020-1	65.06160-6016A		HEAT EXCHANGER ASS'Y	1	1	1	1	-	-				
-	65.06160-6015A		HEAT EXCHANGER ASS'Y	-	-	-	-	1	1				
1	65.06165-0008A		HOUSING ; HEAT EXCHANGER	1	1	1	1	1	1				
2	65.06168-0001A		INNER TUBE ; HEAT EXCHANGER	1	1	1	1	1	1				
3	65.06162-5006A		TUBE ASS'Y	1	1	1	1	-	-				
-	65.06162-5002B		TUBE ASS'Y	-	-	-	-	1	1				
4	65.06163-0009		COVER ; HEAT EXCHANGER	1	1	1	1	1	1				
5	65.06163-0008		COVER ; HEAT EXCHANGER	1	1	1	1	1	1				
6	65.06907-0001	가	GASKET ; HEAT EXCHANGER	1	1	1	1	1	1				
7	65.06907-0002A	가	GASKET ; HEAT EXCHANGER	1	1	1	1	1	1				
8	06.56026-0308	O-	O-RING	1	1	1	1	1	1				
9	06.02097-8517		BOLT ; SOCKET HEAD M10×40	6	6	6	6	6	6				
10	06.02097-8513		BOLT ; SOCKET HEAD M10×30	6	6	6	6	6	6				
11	06.16731-2108		SPRING ; WASHER	12	12	12	12	12	12				
12	06.08095-4606		SCREW ; PLUG M18×1.5	2	2	2	2	2	2				
13	06.56190-0713		RING ; SEAL	2	2	2	2	2	2				
14	60.01810-5001		FILLER CAP ASS'Y	1	1	1	1	1	1				
15	60.96610-0918	가	GASKET	1	1	1	1	1	1				
16	06.01283-6913		BOLT ; HEX. M6×20	4	4	4	4	4	4				
17	06.16731-2106		SPRING ; WASHER	4	4	4	4	4	4				
18	65.27480-6001		GAUGE ; COOLING WATER	1	1	1	1	1	1				

Fig.021 COOLING WATER PIPE(1)

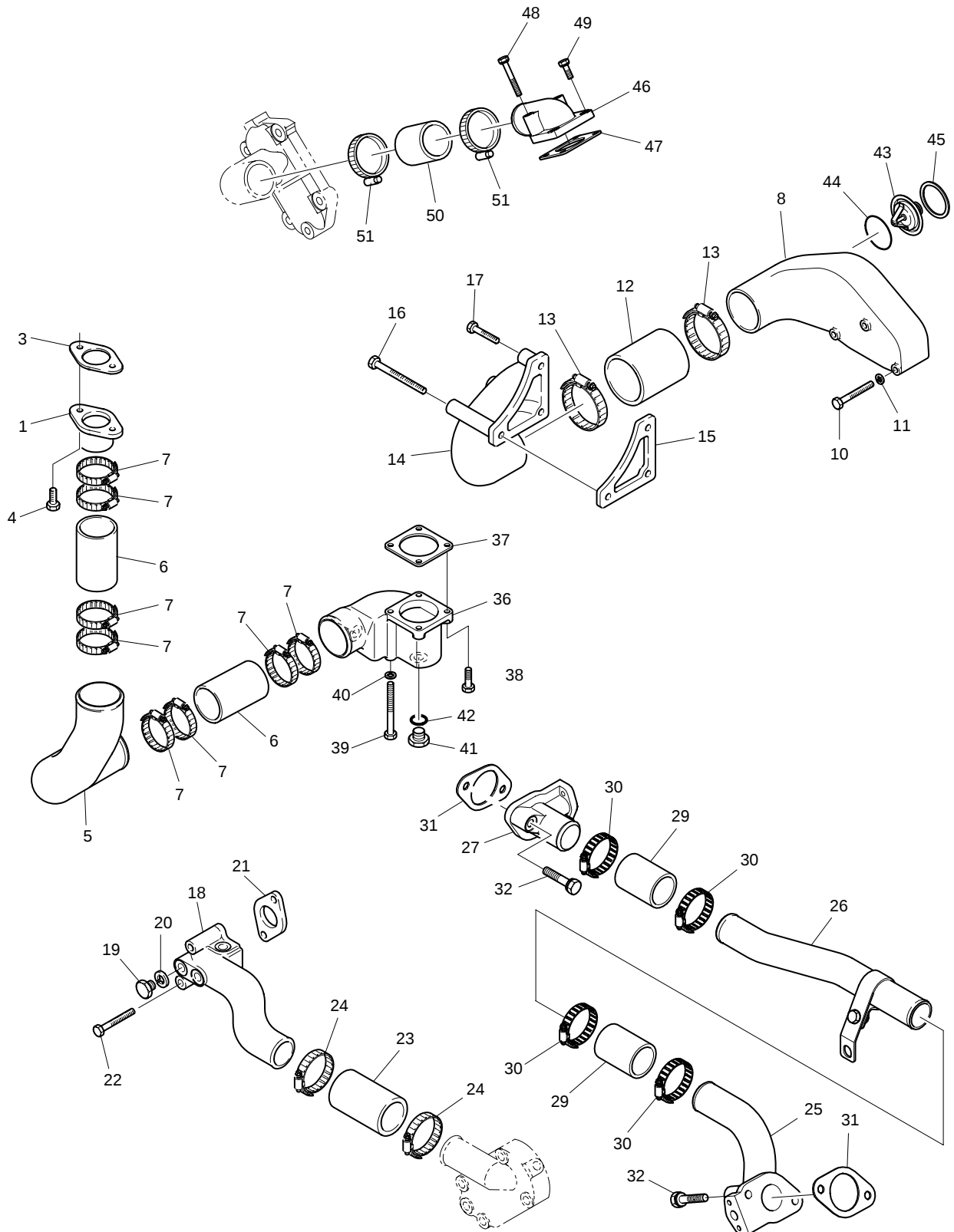


Fig.021 COOLING WATER PIPE(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
021-1	60.06301-5384A		PIPE ; COOLING WATER	1	1	1	1	1	1				
3	65.06903B0010	가	GASKET	1	1	1	1	1	1				
4	06.01943-3317		BOLT ASS Y M12×1.5×30	4	4	4	4	4	4				
5	60.06301-0077		PIPE ; COOLING WATER	1	1	1	1	1	1				
6	65.96301-0271		HOSE ; SIL. D75×100	2	2	2	2	2	2				
7	65.97440-0097		CLAMP ; HOSE 70~90	8	8	8	8	8	8				
8	60.06405-0007		OUTLET ; WATER	1	1	1	1	1	1				
10	06.01913-3128		BOLT ; HEX. M8×85	3	3	3	3	3	3				
11	06.15010-2311		WASHER 8.4	3	3	3	3	3	3				
12	65.96301-0269		HOSE ; SIL. D75×55	1	1	1	1	1	1				
13	65.97440-0097		CLAMP ; HOSE 70~90	2	2	2	2	2	2				
14	60.06301-0086		PIPE ; COOLING WATER	1	1	1	1	1	1				
15	60.06903-0025A	가	GASKET	1	1	1	1	1	1				
16	06.01913-3234		BOLT ASS Y M10×130	2	2	2	2	2	2				
17	06.01913-3224		BOLT ASS Y M10×65	1	1	1	1	1	1				
18	65.06301-0153		PIPE ; COOLING WATER	1	1	1	1	1	1				
19	06.08092-2404		SCREW ; PLUG M16×1.5	1	1	1	1	1	1				
20	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1				
21	65.96601-0054	가	GASKET ; C/W PIPE FLANGE	1	1	1	1	1	1				
22	06.01913-3228		BOLT ; HEX. M10×85	2	2	2	2	2	2				
23	65.96310-0263		HOSE ; SIL. D50×80	1	1	1	1	1	1				
24	65.97440-0100		CLAMP ; HOSE 40~60	2	2	2	2	2	2				
25	65.06301-0685		PIPE ; COOLING WATER	1	1	1	1	1	1				
26	65.06301-6056		PIPE ; COOLING WATER	1	1	1	1	1	1				
27	65.06301-0686		SCREW ; PLUG M18×1.5 DS	1	1	1	1	1	1				
29	65.96301-0263		HOSE ; SIL. D50×80	2	2	2	2	2	2				
30	65.97440-0100		CLAMP ; HOSE 40~60	4	4	4	4	4	4				
31	65.96601-0057	가	GASKET NW60	2	2	2	2	2	2				
32	06.01943-3323		BOLT ASS Y M12×1.5×60	4	4	4	4	4	4				
33	65.06301-0136		PIPE ; COOLING WATER	1	1	1	1	1	1				
34	65.96301-0263		HOSE ; SIL. D50×80	2	2	2	2	2	2				
35	65.97440-0100		CLAMP ; HOSE 40~60	4	4	4	4	4	4				
36	65.06301-0754		PIPE ; COOLING WATER	1	1	1	1	1	1				
37	67.06901A0001	가	GASKET	1	1	1	1	1	1				
38	06.01923-3117		BOLT ASS Y M8×30	2	2	2	2	2	2				
39	06.01013-9126		BOLT ; HEX. M8×110	2	2	2	2	2	2				
40	06.16731-2107		WASHER ; SPRING A8	2	2	2	2	2	2				
41	06.08092-2406		SCREW ; PLUG M18×1.5	2	2	2	2	2	2				
42	06.56190-0713		RING ; SEAL A18×24	2	2	2	2	2	2				
43	51.06402-0062		THERMOSTAT	3	3	3	3	3	3				
44	06.56342-1208	O-	O-RING 60×4	3	3	3	3	3	3				
45	65.06901A0069	가	GASKET	3	3	3	3	3	3				
46	65.06301-0753		PIPE ; COOLING WATER	1	1	1	1	1	1				
47	65.06903-0070	가	GASKET	1	1	1	1	1	1				
48	06.01913-3123		BOLT ASS Y M8×60	2	2	2	2	2	2				

Fig.021 COOLING WATER PIPE(1)

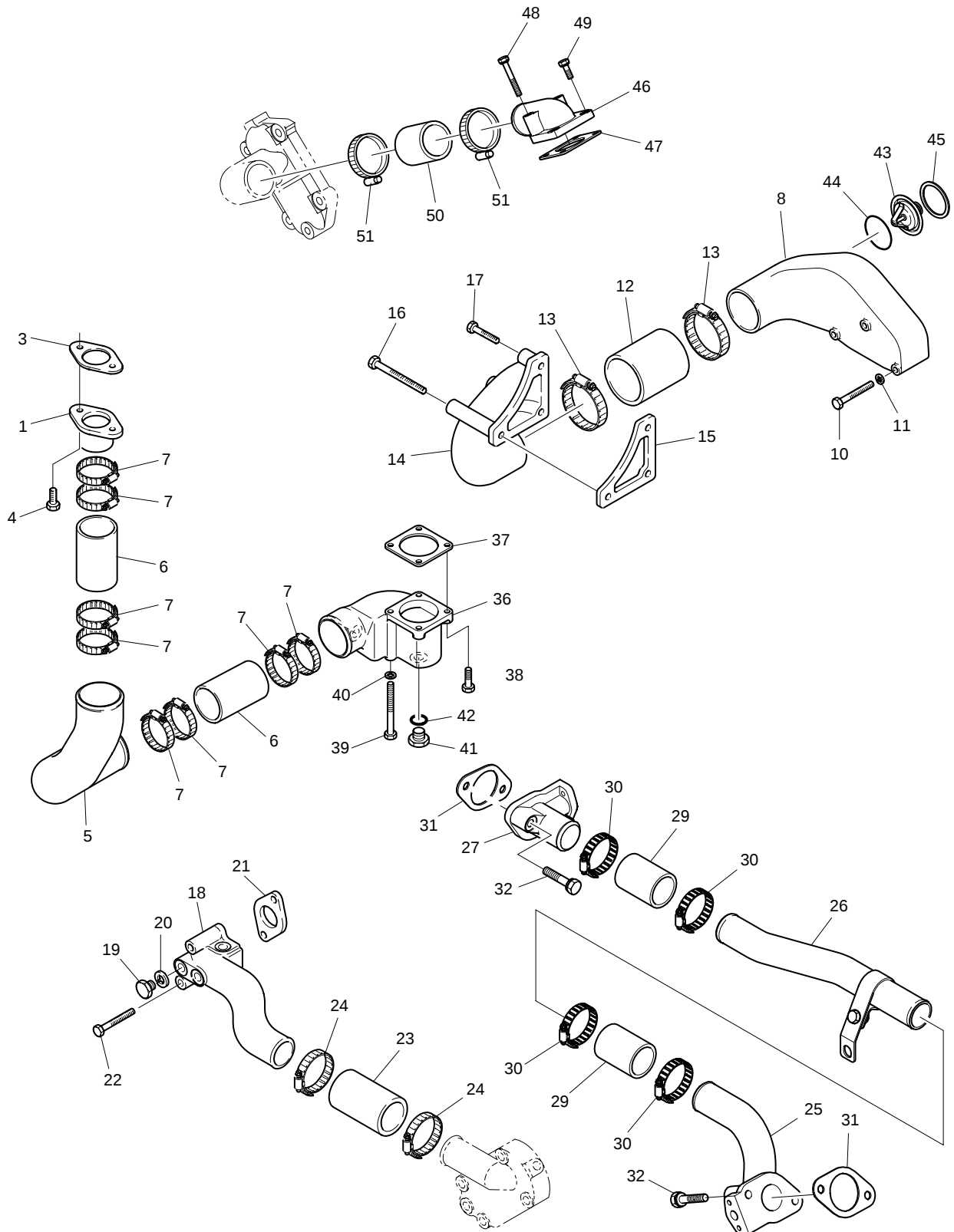


Fig.021 COOLING WATER PIPE(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
021-49	06.01913-3115		BOLT ASS Y M8×25	2	2	2	2	2	2				
50	65.96301-0263		HOSE ; SIL D50×80	1	1	1	1	1	1				
51	65.97440-0100		CLAMP ; HOSE 40~60	2	2	2	2	2	2				

Fig.022 COOLING WATER PIPE(2)

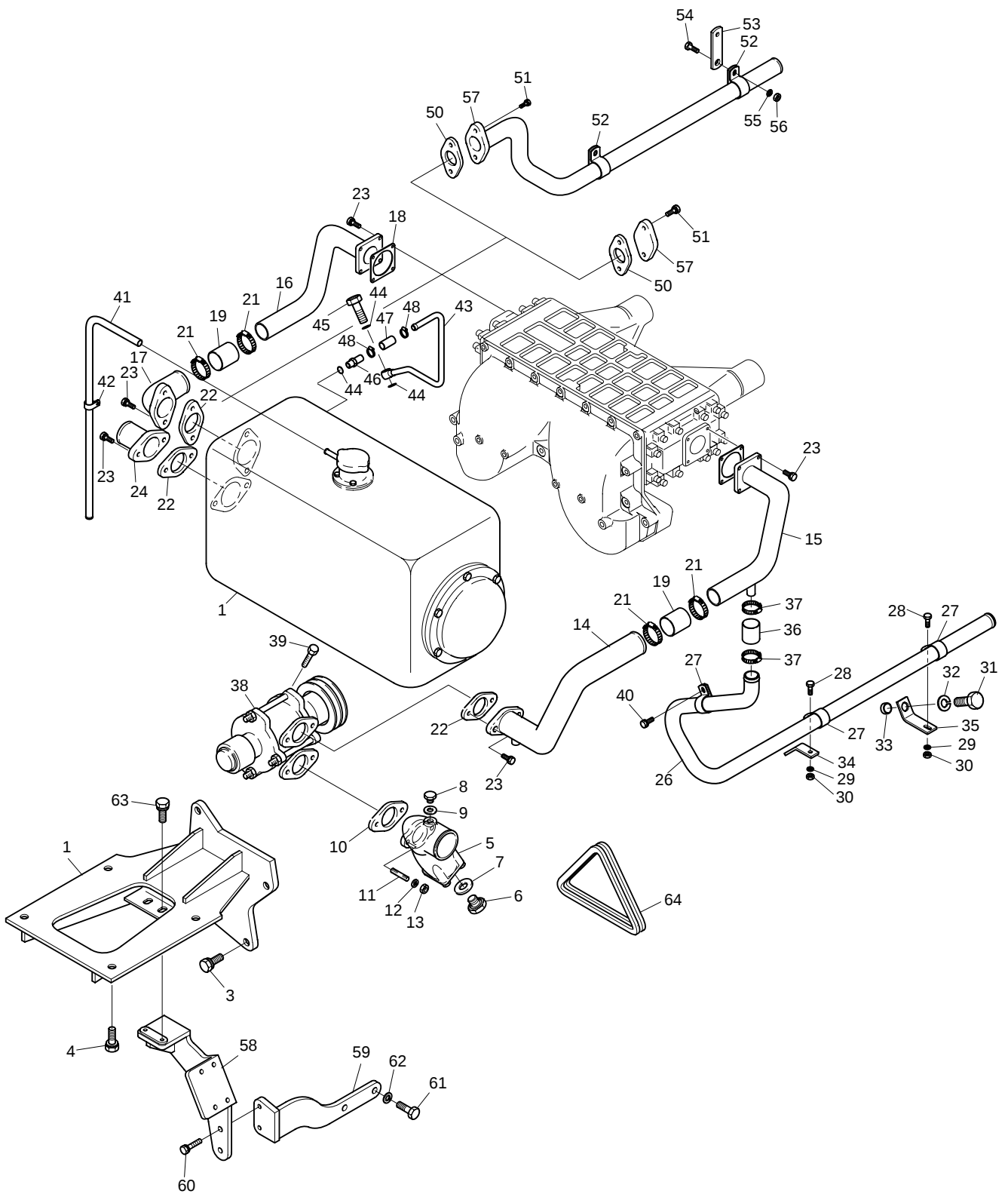


Fig.022 COOLING WATER PIPE(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
022-1	65.06160-6016A		HEAT EXCHANGER ASS Y	1	1	1	1	-	-				
-	65.06160-6015A		HEAT EXCHANGER ASS Y	-	-	-	-	1	1				
2	65.06140-5010		BRACKET ; HEAT EXCHANGER	1	1	1	1	1	1				
3	06.01913-3217		BOLT ASS Y M10×30	4	4	4	4	4	4				
4	06.01943-3317		BOLT ASS Y M12×1.5×30	4	4	4	4	4	4				
5	60.06880-6008		STRAINER ; SEA WATER	1	1	1	1	1	1				
6	06.08095-4607		SCREW ; PLUG M22×1.5	1	1	1	1	1	1				
7	06.56190-0718		RING ; SEAL	1	1	1	1	1	1				
8	06.08095-4604		SCREW ; PLUG M14×1.5	1	1	1	1	1	1				
9	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1				
10	60.96605A0013	가	GASKET	1	1	1	1	1	1				
11	06.06226-0806		BOLT ; STUD	2	2	2	2	2	2				
12	06.16731-2108		SPRING ; WASHER A10	2	2	2	2	2	2				
13	06.11063-8215		NUT ; HEX. M10	2	2	2	2	2	2				
14	65.06301-5195		PIPE ; COOLING WATER	1	1	1	1	1	1				
15	65.06301-5801		PIPE ; COOLING WATER	1	-	1	-	1	-				
-	65.06301-5237		PIPE ; COOLING WATER	-	1	-	1	-	1				
16	65.06301-5196		PIPE ; COOLING WATER	-	-	-	-	1	1				
-	65.06301-5197		PIPE ; COOLING WATER	1	1	1	1	-	-				
17	60.06301-5387		PIPE ; COOLING WATER	1	1	1	1	1	1				
18	60.96605A0011	가	GASKET	2	2	2	2	2	2				
19	65.96301-0275		HOSE ; SIL. D55×90	2	2	2	2	2	2				
21	65.97440-0099		CLAMP ; HOSE 50~70	4	4	4	4	4	4				
22	60.96605A0013	가	GASKET	3	3	3	3	3	3				
23	06.01913-3218		BOLT ; HEX. ASS Y M10×35	12	12	12	12	12	12				
24	60.06301-0065		PIPE ; COOLING WATER	1	1	1	1	1	1				
25	06.01913-3218		BOLT ASS Y M10×35	2	2	2	2	2	2				
26	65.06301-0750		PIPE ; COOLING WATER	1	-	-	-	-	-				
-	65.06301-0751		PIPE ; COOLING WATER	-	-	1	-	-	-				
-	65.06301-0752		PIPE ; COOLING WATER	-	-	-	-	1	-				
27	65.97401-0210		CLIP ; PIPE	3	-	3	-	3	-				
28	06.01283-6913		BOLT ; HEX. M6×20	2	-	2	-	2	-				
29	06.16731-2105		SPRING ; WASHER	2	-	2	-	2	-				
30	06.11063-8212		NUT ; HEX. M6	2	-	2	-	2	-				
31	06.01493-4509		BOLT ; HEX. M16×50	1	-	1	-	1	-				
32	06.16731-2111		SPRING ; WASHER A16	1	-	1	-	1	-				
33	65.91701-0273		SPACER	1	-	1	-	1	-				
34	60.97480-0010		HOLDER	1	-	1	-	1	-				
35	60.97480-0011		HOLDER	1	-	1	-	1	-				
36	65.96301-0261		HOSE ; SIL. D28×80	2	-	2	-	2	-				
37	65.97440-0102		CLAMP ; HOSE 25~40	4	-	4	-	4	-				
38	60.06800-7063		PUMP ; SEA WATER	1	-	1	-	1	-				
39	06.01913-3217		BOLT ASS Y M10×30	3	-	3	-	3	-				
40	06.01913-2911		BOLT ASS Y M6×16	1	-	1	-	1	-				
41	60.96901-0002		TUBE ; VINYL	1	1	1	1	1	1				

Fig.022 COOLING WATER PIPE(2)

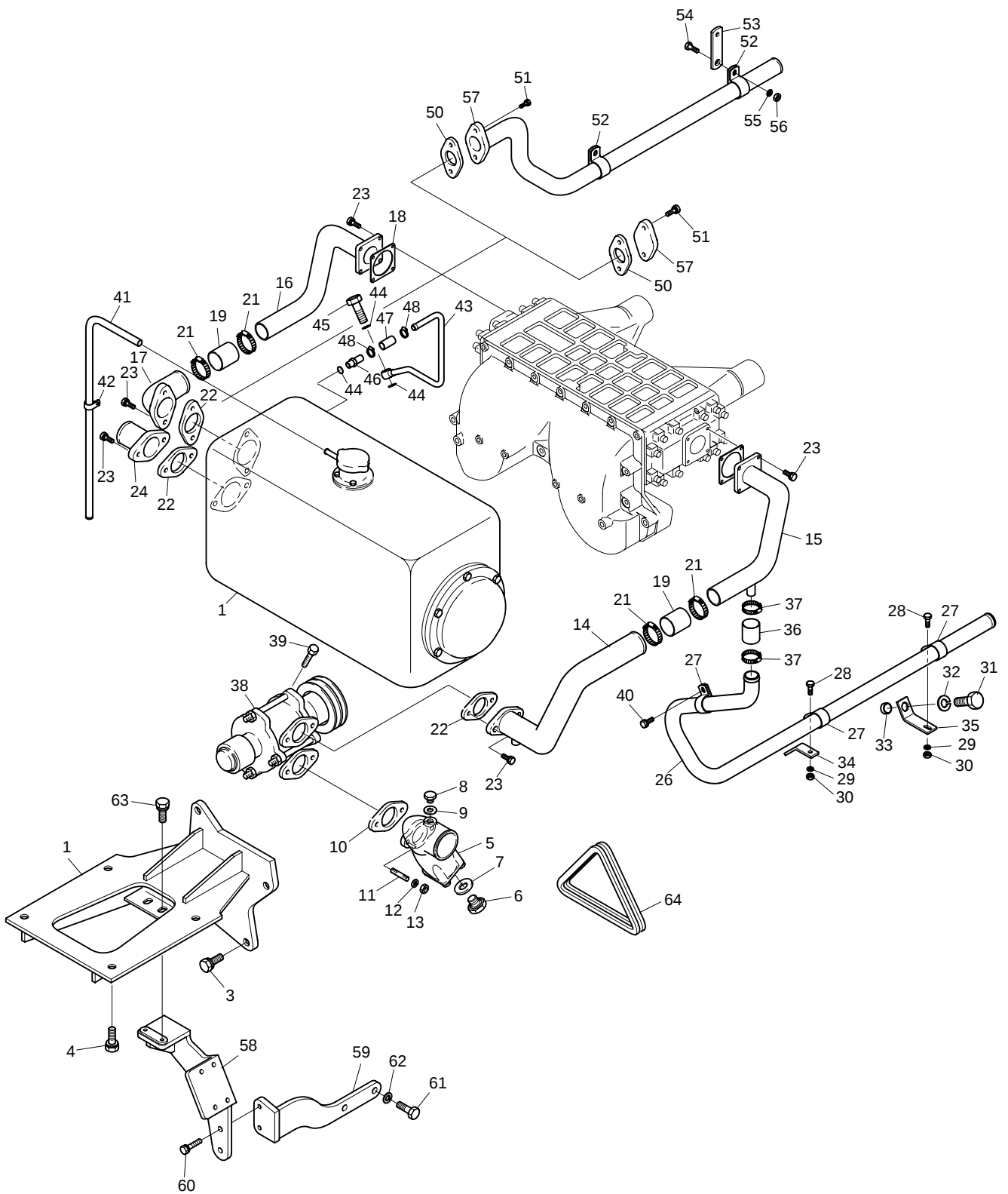


Fig.022 COOLING WATER PIPE(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
022-42	60.97401-0051		CLIP	1	1	1	1	1	1				
43	60.06301-5386		PIPE ; AIR VENT	1	1	1	1	1	1				
44	06.56190-0706		RING ; SEAL A14×20	3	3	3	3	3	3				
45	06.78144-2204		SCREW ; HOLLOW M14	1	1	1	1	1	1				
46	65.98131-0060		SCREW ; CONNECTION	1	1	1	1	1	1				
47	04.27405-0204A		HOSE ; RUBBER	1	1	1	1	1	1				
48	65.97440-0045		CLAMP ; HOSE	2	2	2	2	2	2				
49	65.06301-5210		PIPE ; COOLING WATER	1	-	-	-	-	-				
-	65.06301-5211		PIPE ; COOLING WATER	-	-	1	-	-	-				
-	65.06301-5212		PIPE ; COOLING WATER	-	-	-	-	1	-				
50	60.06903-0013	가	GASKET	1	1	1	1	1	1				
51	06.01913-3217		BOLT ASS Y M10×30	2	2	2	2	2	2				
52	65.97401-0210		CLIP ; PIPE	2	-	2	-	2	-				
53	65.97480-0183		HOLDER	2	-	2	-	2	-				
54	06.01283-6913		BOLT ; HEX. M6×20	2	-	2	-	2	-				
55	06.16731-2105		SPRING ; WASHER	2	-	2	-	2	-				
56	06.11063-8212		NUT ; HEX. M6	2	-	2	-	2	-				
57	65.91615-0017		COVER ; BLIND	-	2	-	2	-	2				
58	60.06813-5010		BRACKET ; SEA WATER PUMP	-	1	-	1	-	1				
59	60.06813-5011		BRACKET ; SEA WATER PUMP	-	1	-	1	-	1				
60	06.01943-3320		BOLT ASS Y M12×1.5×45	-	2	-	2	-	2				
61	06.01283-7420		BOLT ; HEX. M14×45	-	2	-	2	-	2				
62	06.16731-2110		WASHER ; SPRING A14	-	2	-	2	-	2				
63	06.01913-3214		BOLT ASS Y M10×22	-	2	-	2	-	2				
64	65.96801-0064		V-BELT 2×17×1325	1	1	-	-	-	-				
-	65.96801-0017		V-BELT 2×17×1350	-	-	1	1	1	1				

Fig.023 COOLING WATER PIPE(3)

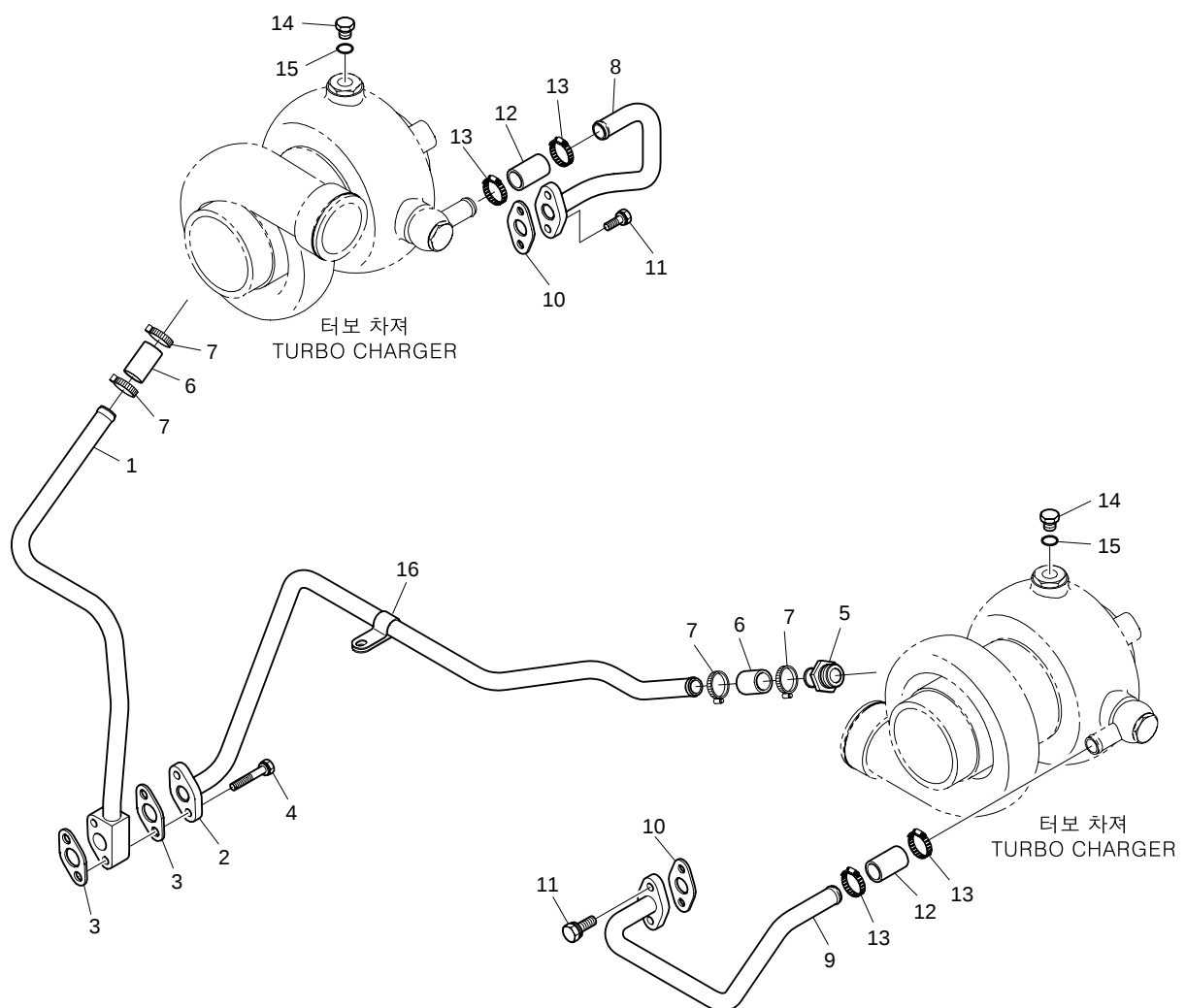


Fig.023 COOLING WATER PIPE(3)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
023-1	65.06301-5213		PIPE ; COOLING WATER	1	1	1	1	1	1				
-	65.06301-5214		PIPE ; COOLING WATER	-	-	-	-	-	-				V222TIM
2	65.06301-5741		PIPE ; COOLING WATER	1	1	1	1	1	1				
3	65.05903-0028	가	GASKET	2	2	2	2	2	2				
4	06.01913-3121		BOLT ASS Y M8×50	2	2	2	2	2	2				
5	65.98131-0136		NIPPLE	1	1	1	1	1	1				
6	65.96301-0281		HOSE ; SILICON Ø19	2	2	2	2	2	2				
7	65.97440-0103		CLAMP ; HOSE	4	4	4	4	4	4				
8	65.06301-5049		PIPE ; COOLING WATER	1	1	1	1	1	1				
-	65.06301-5740		PIPE ; COOLING WATER	-	-	-	-	-	1				V222TIM
9	65.06301-5074		PIPE ; COOLING WATER	1	1	1	1	1	1				
-	65.06301-5738		PIPE ; COOLING WATER	-	-	-	-	-	1				V222TIM
10	65.05903-0028	가	GASKET	2	2	2	2	2	2				
11	06.01913-3114		BOLT ASS Y	4	4	4	4	4	4				
12	65.96301-0281		HOSE ; SILICON Ø19	2	2	2	2	2	2				
13	65.97440-0103		CLAMP ; HOSE	4	4	4	4	4	4				
14	06.08091-4604		SCREW ; PLUG	2	2	2	2	2	2				
15	06.56190-0706		RING ; SEAL	2	2	2	2	2	2				
16	65.97401-0500		CLIP ; PIPE	1	1	1	1	1	1				

Fig.024 COOLING WATER PUMP(1)

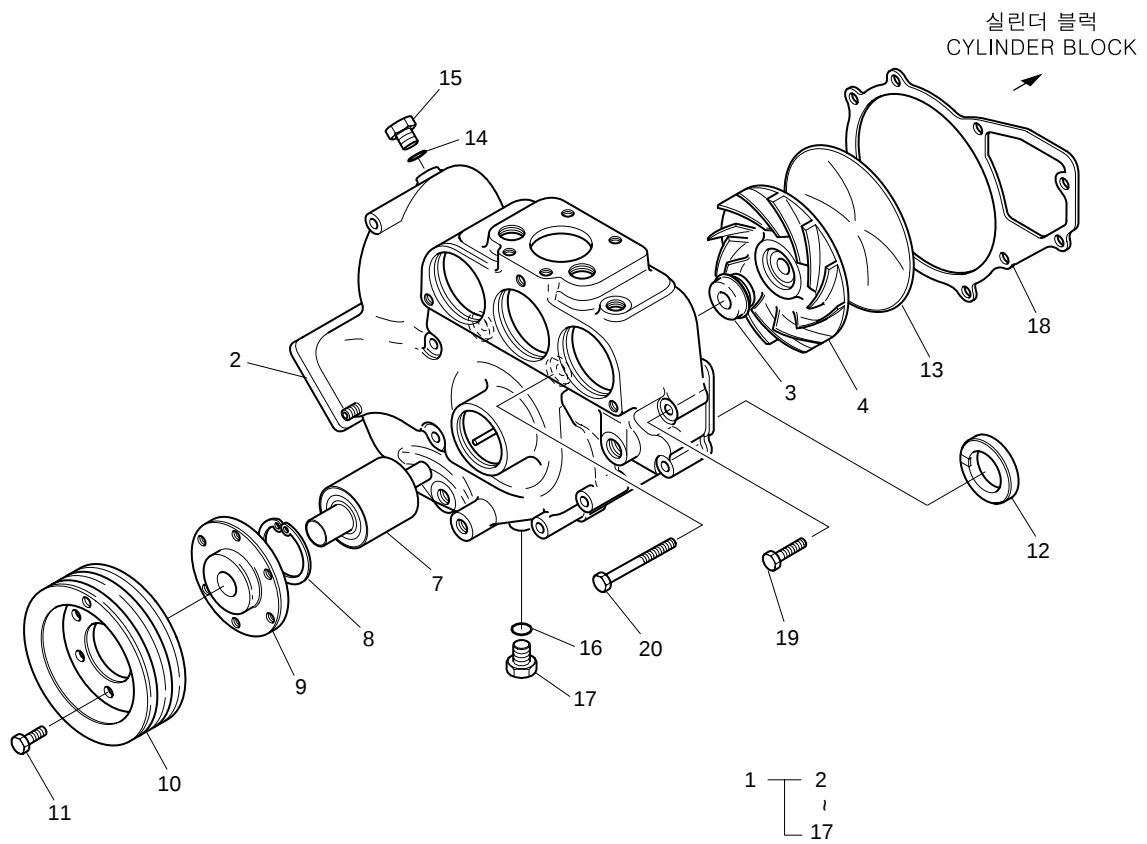


Fig.024 COOLING WATER PUMP(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
024-1	65.06500-6160		WATER PUMP ASS Y	1	1	1	1	1	1				
2	65.06501-0082	•	• HOUSING ; WATER PUMP	1	1	1	1	1	1				
3	65.06520-6007	•	• SEAL ; MECHANICAL	1	1	1	1	1	1				
4	65.06506-6001	•	• IMPELLER ASS Y	1	1	1	1	1	1				
5	65.06506-0025	• •	• • IMPELLER	1	1	1	1	1	1				
6	65.06504-0008	• •	• • ADAPTER	1	1	1	1	1	1				
7	65.93410-0024	•	• UNIT ; BEARING	1	1	1	1	1	1				
8	06.29020-0132	•	• RING ; SNAP 55×2	1	1	1	1	1	1				
9	65.06504-0013	•	• HUB ; DRIVE	1	1	1	1	1	1				
10	65.06503-0098	• V-	• PULLEY ; V-BELT	1	1	1	1	1	1				
11	06.01913-3114	•	• BOLT ASS Y M8×22	6	6	6	6	6	6				
12	65.06320-0001	•	• MANIPULATOR	1	1	1	1	1	1				
13	65.06512-0017	•	• COVER ; WATER PUMP	1	1	1	1	1	1				
14	06.56190-0709	•	• RING ; SEAL A16×22	1	1	1	1	1	1				
15	06.08092-2405	•	• PLUG ; SCREW M16×1.5	1	1	1	1	1	1				
16	06.56190-0709		RING ; SEAL A16×22	1	1	1	1	1	1				
17	06.08092-2405		PLUG ; SCREW M16×1.5	1	1	1	1	1	1				
18	65.06901A0074	가	GASKET	1	1	1	1	1	1				
19	06.01923-3122		BOLT ASS Y M8×55	3	3	3	3	3	3				
20	06.01913-3128		BOLT ; HEX. M8×85	3	3	3	3	3	3				

Fig.025 COOLING WATER PUMP(2)

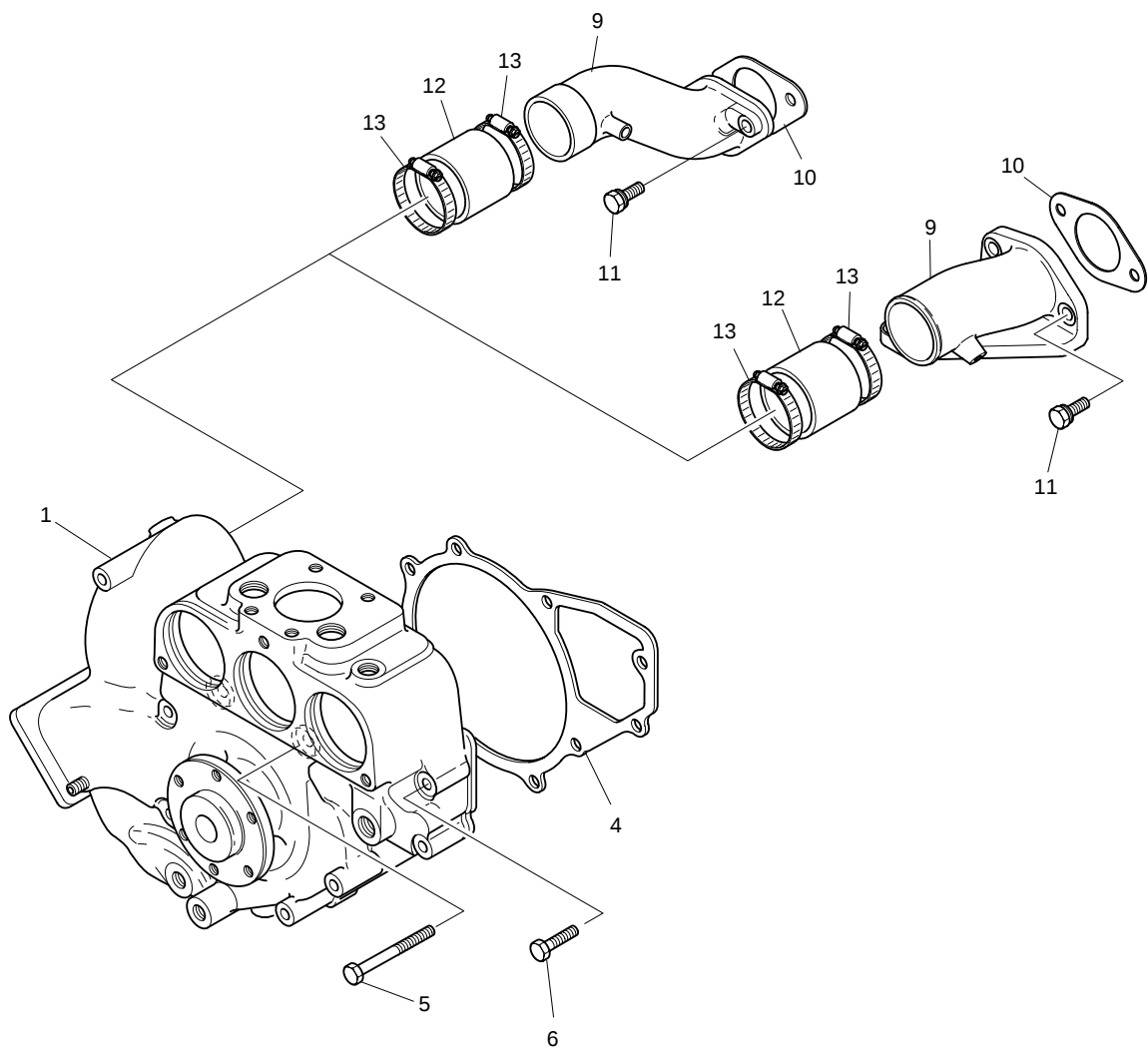


Fig.025 COOLING WATER PUMP(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
025-1	65.06500-6160		WATER PUMP ASS Y	1	1	1	1	1	1				
4	65.06901A0074	가	GASKET	1	1	1	1	1	1				
5	06.01913-3128		BOLT ; HEX. M8×85	3	3	3	3	3	3				
6	06.01923-3122		BOLT ASS Y M8×55	3	3	3	3	3	3				
9	65.06301-0091		PIPE ; COOLING WATER	-	-	1	1	-	-				
-	65.06301-0678		PIPE ; COOLING WATER	1	1	-	-	-	-				
-	65.06301-0163		PIPE ; COOLING WATER	-	-	-	-	1	1				
10	65.06903B0010	가	GASKET	1	1	1	1	1	1				
11	06.01913-3318		BOLT ; HEX. M12×1.75×35	2	2	2	2	4	4				
12	65.96301-0271		HOSE ; SIL. D75×80	1	1	1	1	1	1				
13	65.97440-0097		CLAMP ; HOSE NEW 64	4	4	4	4	4	4				

Fig.026 EXHAUST MANIFOLD

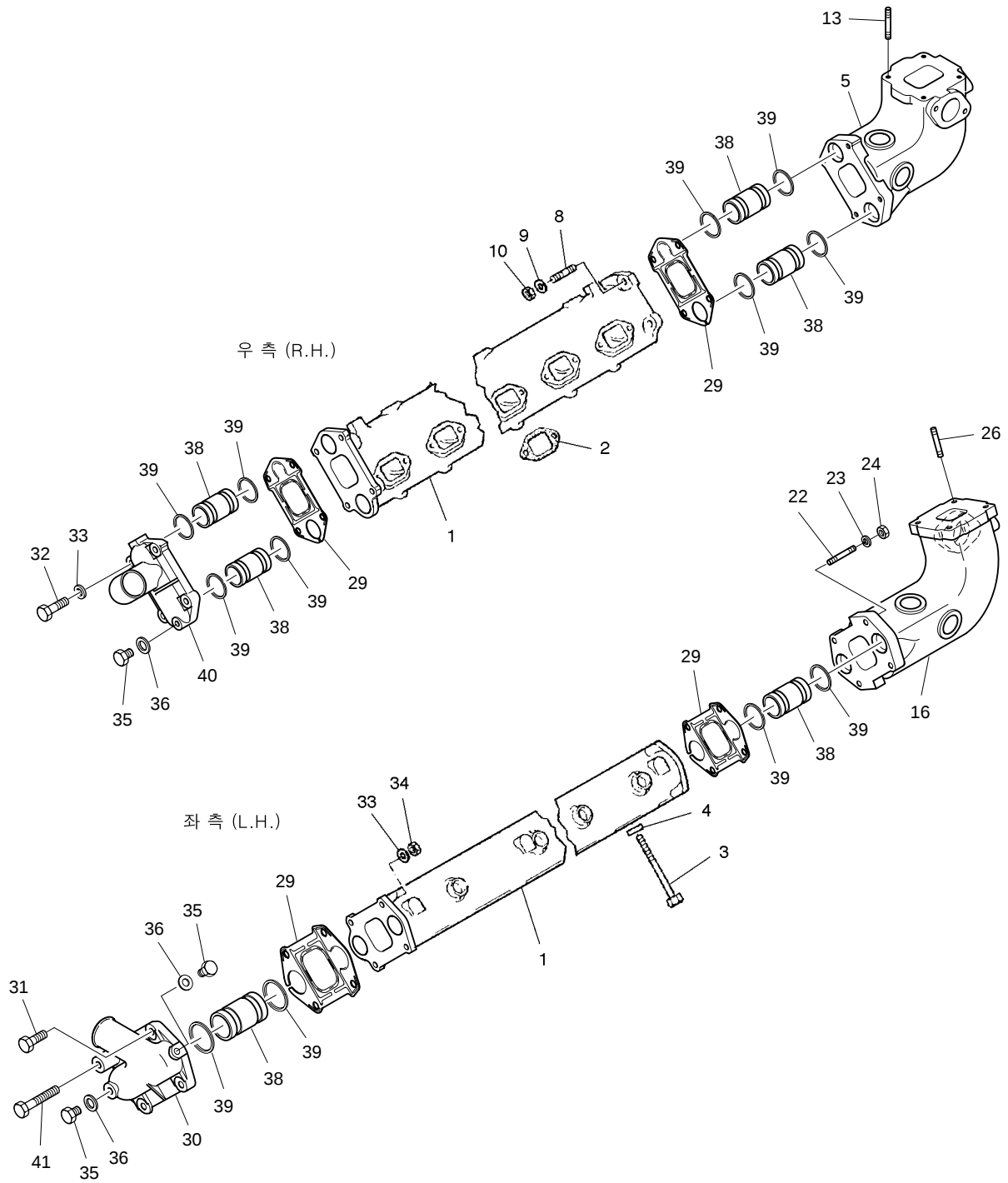


Fig.026 EXHAUST MANIFOLD

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
026-1	65.08101-6007	가	MANIFOLD ; EXHAUST	2	2	-	-	-	-				
-	65.08101-6008		MANIFOLD ; EXHAUST	-	-	2	2	-	-				
-	65.08101-6010		MANIFOLD ; EXHAUST	-	-	-	-	2	2				
2	65.08901-0023B		GASKET ; EXHAUST MANIFOLD	8	8	10	10	12	12				
3	06.01014-9229		BOLT ; HEX. M10×140	18	18	20	20	24	24				
4	06.16731-2108		WASHER ; SPRING A10	18	18	20	20	24	24				
5	65.08101-6011		MANIFOLD ; EXHAUST	1	1	1	1	1	1				
8	65.90201-0144		BOLT ; STUD M12×1.5×38	4	4	4	4	4	4				
9	06.16731-2109		WASHER ; SPRING A12	4	4	4	4	4	4				
10	06.11063-9216		NUT ; HEX. M12×1.5	4	4	4	4	4	4				
13	65.90201-0072	()	BOLT ; STUD M10×1.5×30	4	4	4	4	4	4				
16	65.08101-6002		MANIFOLD ; EXHAUST(L.H.)	1	1	1	1	1	1				
22	65.90201-0144		BOLT ; STUD M12×1.5×38	4	4	4	4	4	4				
23	06.16731-2109		WASHER ; SPRING A12	4	4	4	4	4	4				
24	06.11063-9216		NUT ; HEX. M12×1.5	4	4	4	4	4	4				
26	65.90201-0072		BOLT ; STUD M10×1.5×30	4	4	4	4	4	4				
29	60.08901-0015	가	GASKET	4	4	4	4	4	4				
30	60.08116-0012		COVER	1	1	1	1	1	1				
31	06.01493-4311		BOLT ; HEX. M12×60	3	3	3	3	3	3				
32	06.01493-4307		BOLT ; HEX. M12×40	4	4	4	4	4	4				
33	06.16731-2109		WASHER ; SPRING A12	8	8	8	8	8	8				
34	06.11063-9216		NUT ; HEX. M12×1.5	4	4	4	4	4	4				
35	06.08092-2424		SCREW ; PLUG M14×1.5	3	3	3	3	3	3				
36	06.56190-0706		RING ; SEAL A14×20	3	3	3	3	3	3				
38	65.06301-0161		PIPE	8	8	8	8	8	8				
39	06.56026-0103	O-	O-RING	16	16	16	16	16	16				
40	65.08116-0010		COVER	1	1	1	1	1	1				
41	06.01493-4317		BOLT : HEX. M12×90	1	1	1	1	1	1				

Fig.027 INTAKE MANIFOLD

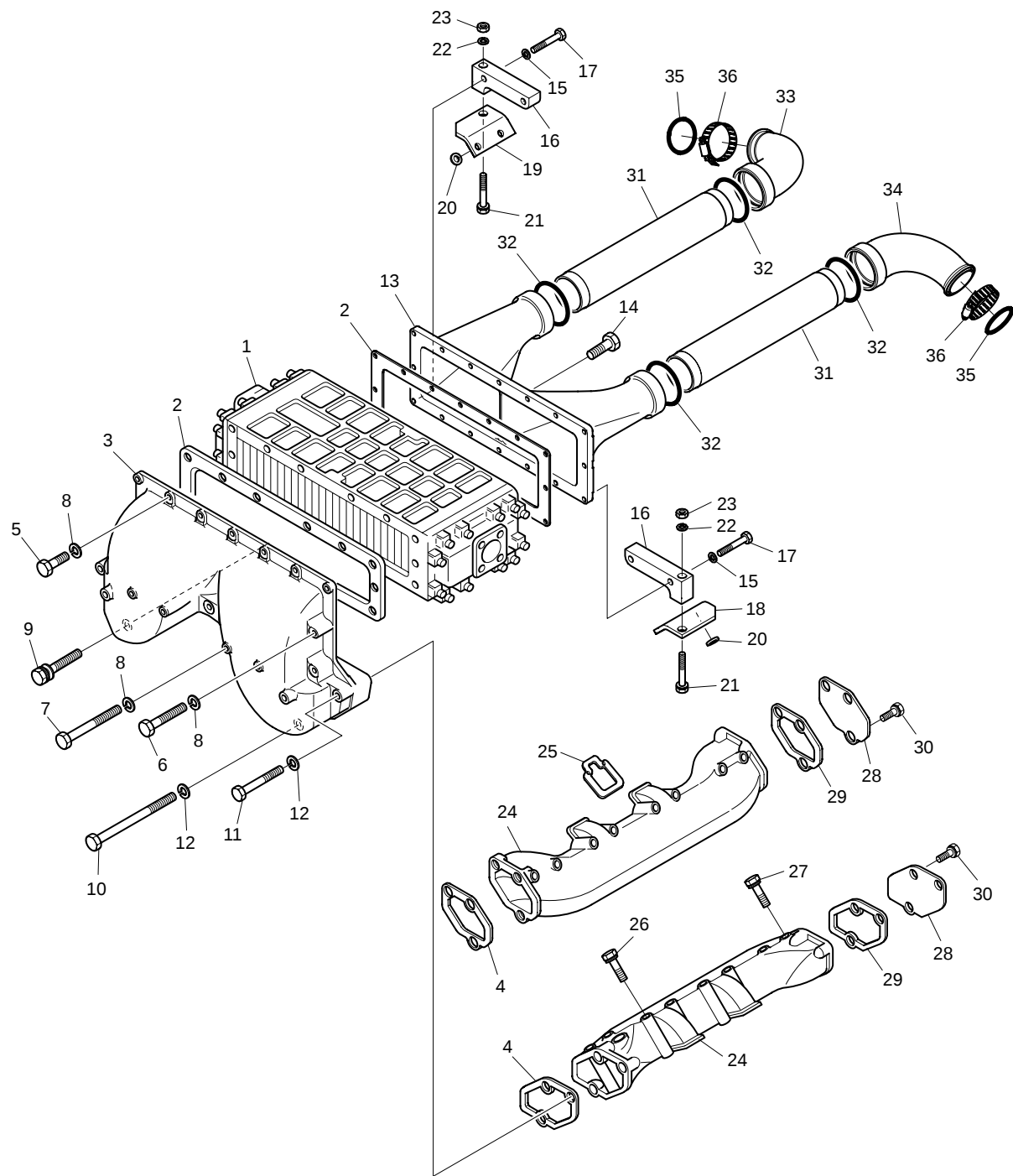


Fig.027 INTAKE MANIFOLD

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
027-1	65.09500-7002		INTER COOLER	1	1	1	1	-	-				
-	65.09500-7021		INTER COOLER	-	-	-	-	1	1				
2	65.09904-0011A	가	GASKET	2	2	2	2	2	2				
3	65.09411-0094		BEND ; AIR	1	1	1	1	1	1				
4	65.08902A0057	가	GASKET	2	2	2	2	2	2				
5	06.01923-3117		BOLT ; HEX. M8×30	10	10	10	10	10	10				
6	06.01913-3123		BOLT ; HEX. M8×60	2	2	2	2	2	2				
7	06.01013-9127		BOLT ; HEX. M8×120	4	4	4	4	4	4				
8	06.15010-2311		WASHER 8.4	6	6	6	6	6	6				
9	06.01923-3228		BOLT ASS Y M10×85	3	3	3	3	3	3				
10	06.01013-9231		BOLT ; HEX. M10×160	1	1	1	1	1	1				
11	06.01013-9227		BOLT ; HEX. M10×120	2	2	2	2	2	2				
12	06.16044-0210		WASHER ; SPRING A10	3	3	3	3	3	3				
13	65.09411-0107		INLET ; AIR	1	1	1	1	1	1				
14	06.01923-3117		BOLT ; HEX. M8×30	12	12	12	12	12	12				
16	65.97480-0618A		HOLDER	2	2	2	2	2	2				
17	06.01913-3122		BOLT ; HEX. M8×55	2	2	2	2	2	2				
18	65.97480-0179		HOLDER	-	-	-	-	1	1				
-	65.97480-0620		HOLDER	1	1	1	1	-	-				
-	65.97480-0179		HOLDER	-	-	-	-	1	1				
-	65.97480-0619		HOLDER	1	1	1	1	-	-				
20	65.90710-0080		SPACER	4	4	4	4	6	6				
21	06.01913-3124		BOLT ASS Y M8×65	2	2	2	2	2	2				
22	06.15010-2311		WASHER 8.4	6	6	6	6	6	6				
23	06.11063-8214		NUT ; HEX. M8	2	2	2	2	2	2				
24	65.08201-5366		MANIFOLD ; INTAKE	-	-	-	-	2	2				
-	65.08201-5400		MANIFOLD ; INTAKE	-	-	2	2	-	-				
-	65.08201-5250A		MANIFOLD ; INTAKE	2	2	-	-	-	-				
25	65.08902-0078	가	GASKET	8	8	10	10	12	12				
26	06.01923-3132		BOLT ASS Y M8×110	8	8	8	8	8	8				
27	06.01923-3129		BOLT ASS Y M8×90	8	8	12	12	16	16				
28	65.08203-0001		COVER	2	2	2	2	2	2				
29	65.08902A0057	가	GASKET	2	2	2	2	2	2				
30	06.01913-3217		BOLT ASS Y M10×30	6	6	6	6	6	6				
31	65.09411-0111		INLET ; AIR	-	-	-	-	2	2				
-	65.09411-0112		INLET ; AIR	-	-	2	2	-	-				
-	65.09411-0113		INLET ; AIR	2	2	-	-	-	-				
32	06.56026-0111	O-	O-RING	4	4	4	4	4	4				
33	65.09411-0108		INLET ; AIR	1	1	1	1	1	1				
-	65.09411-0105		INLET ; AIR	-	-	-	-	-	1				V222TIM
34	65.09411-0109		INLET ; AIR	1	1	1	1	1	1				
-	65.09411-0106		INLET ; AIR	-	-	-	-	-	1				V222TIM
35	65.96501-0420	O-	O-RING	2	2	2	2	2	2				
36	65.97450-5001	V-	V-CLAMP	2	2	2	2	2	2				

Fig.028 TURBO CHARGER

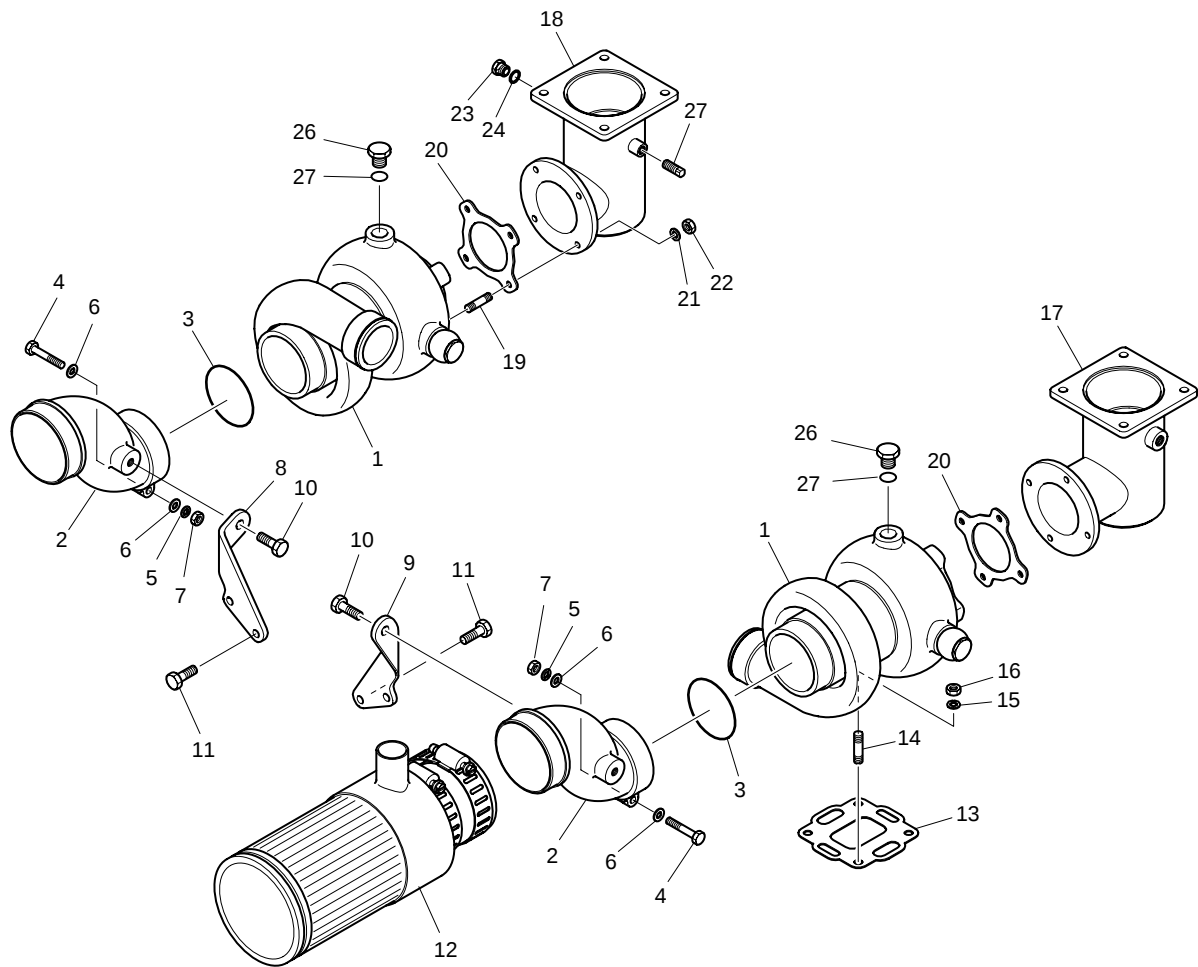


Fig.028 TURBO CHARGER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
028-1	65.09100-7090		TURBO CHARGER	2	2	-	-	-	-				
-	65.09100-7091		TURBO CHARGER	-	-	2	2	2	2				
-	65.09100-7092		TURBO CHARGER	-	-	-	-	-	2				V222TIM
2	65.08202-0141		STAKE ; INTAKE	2	2	2	2	2	2				
3	65.96501-0075	O-	O-RING	2	2	2	2	2	2				
4	06.01013-9217		BOLT ; HEX. M10×1.5×60	2	2	2	2	2	2				
5	06.16731-2108		WASHER ; SPRING A10	2	2	2	2	2	2				
6	06.15010-2312		WASHER ; PLAIN 10.5	4	4	4	4	4	4				
7	06.11063-8215		NUT ; HEX. M10	2	2	2	2	2	2				
8	65.97480-5011		HOLDER	1	1	1	1	1	1				
9	65.97480-5012		HOLDER	1	1	1	1	1	1				
10	06.01953-3317		BOLT ASS Y M12×30	2	2	2	2	2	2				
11	06.09153-3217		BOLT ASS Y M10×30	4	4	4	4	4	4				
12	65.08301-6015		FILTER ; AIR	1	1	-	-	-	-				
-	65.08301-6016		FILTER ; AIR	-	-	1	1	1	1				
13	65.09901-0023	가	GASKET	2	2	2	2	2	2				
14	65.90201-0072		BOLT ; STUD	8	8	8	8	8	8				
15	06.16731-2108		SPRING ; WASHER A10	8	8	8	8	8	8				
16	65.90501-0047		NUT ; HEX. M10	8	8	8	8	8	8				
17	65.08112-5009A		ELBOW ; EXHAUST	1	1	1	1	1	1				
18	65.08112-5010A		ELBOW ; EXHAUST	1	1	1	1	1	1				
19	06.06225-0706		BOLT ; STUD	8	8	8	8	8	8				
20	65.09901-0020	가	GASKET	2	2	2	2	2	2				
21	06.16731-2107		SPRING ; WASHER A8	8	8	8	8	8	8				
22	06.11063-8214		NUT ; HEX. M8	8	8	8	8	8	8				
23	06.08092-2405		SCREW ; PLUG M16	2	2	2	2	2	2				
24	06.56190-0709		RING ; SEAL A16×22	2	2	2	2	2	2				
25	65.90310-0123		SCREW ; PLUG PT1/4	2	2	2	2	2	2				
26	06.08092-2424		SCREW ; PLUG M14×1.5	2	2	2	2	2	2				
27	06.56190-0706		RING ; SEAL A14×20	2	2	2	2	2	2				

Fig.029 NOZZLE HOLDER

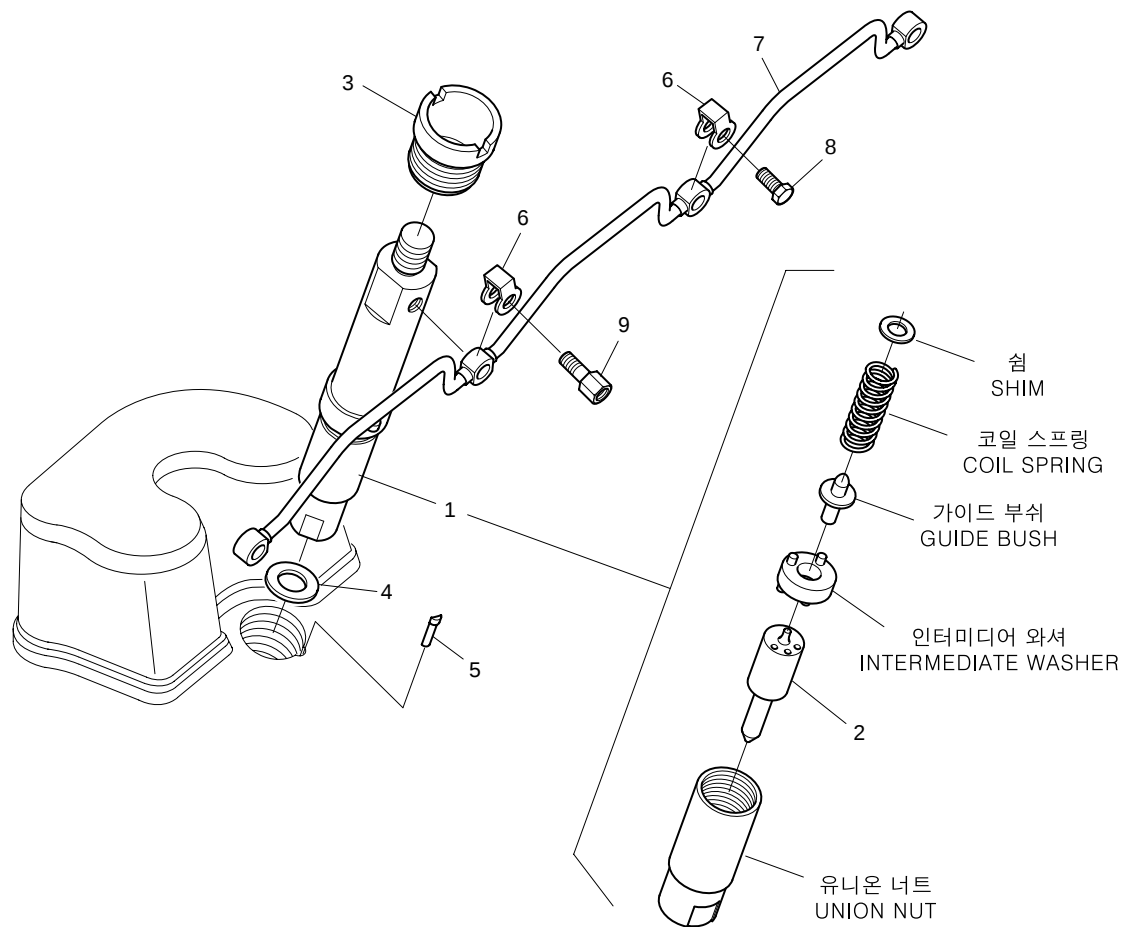


Fig.029 NOZZLE HOLDER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
029-1	65.10101-7053		NOZZLE HOLDER ASS 'Y	8	8	10	10	12	12				
2	65.10102-6070		TIP ; NOZZLE	8	8	10	10	12	12				
3	65.10108-0006		SCREW ; PRESSURE	8	8	10	10	12	12				
4	65.98701-0065		RING ; SEAL	8	8	10	10	12	12				
5	65.98701-0006		SEAL ; NOZZLE HOLDER	8	8	10	10	12	12				
6	65.96501-0348		RING ; DOUBLE SEAL	8	8	10	10	12	12				
7	65.12301-5142		PIPE ; FUEL OVER FLOW	2	2	-	-	-	-				
-	65.12301-5143		PIPE ; FUEL OVER FLOW	-	-	2	2	-	-				
-	65.12301-5144		PIPE ; FUEL OVER FLOW	-	-	-	-	2	2				
8	65.98150-0080		SCREW ; HOLLOW	6	6	8	8	10	10				
9	65.98150-0057		SCREW ; HOLLOW	2	2	2	2	2	2				

Fig.030 FUEL INJECTION PUMP

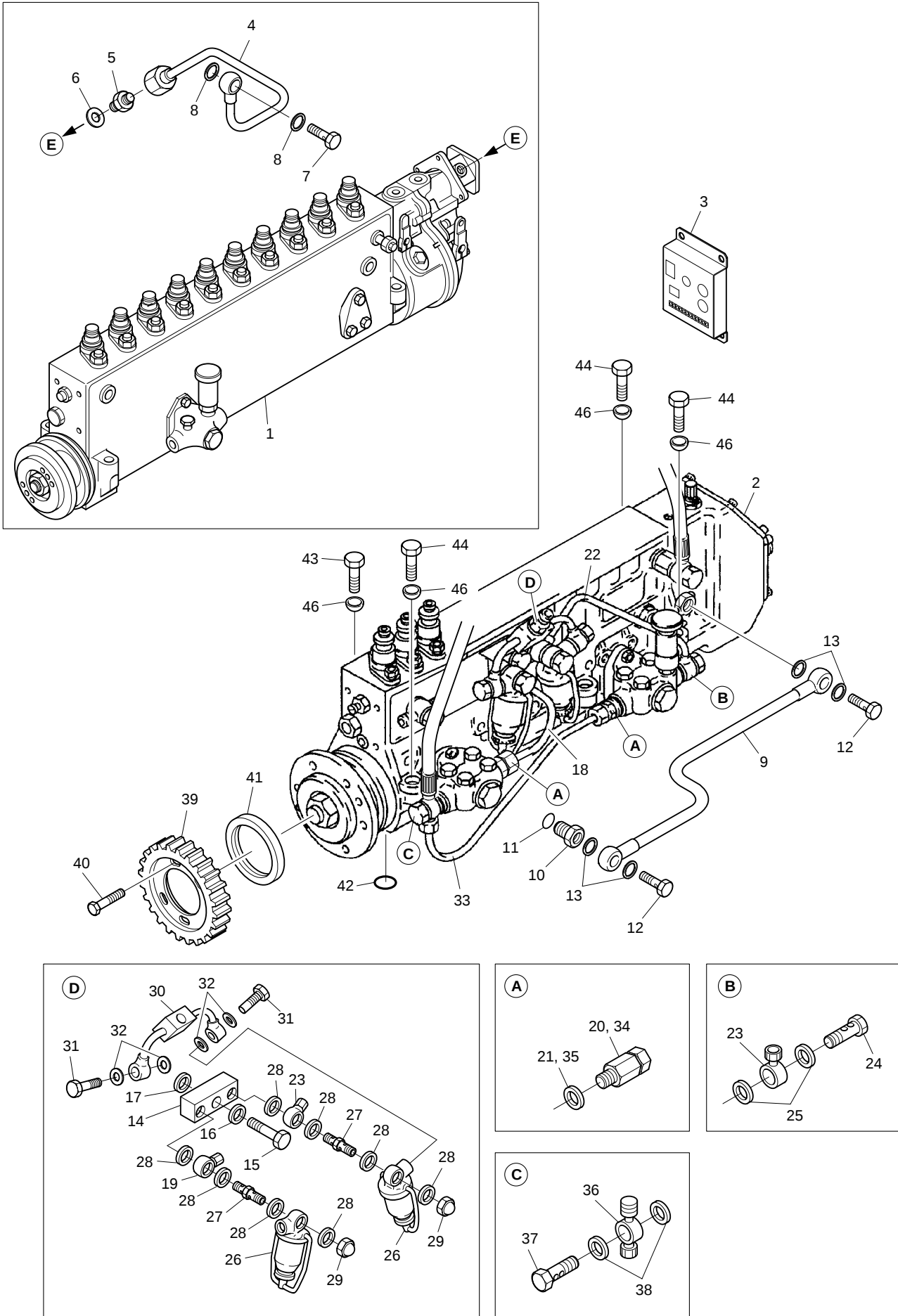


Fig.030 FUEL INJECTION PUMP

Key No.	Part No.	Description	(Q ty)						S.C	ICA	Serial No.	Remarks
			V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
030-1	65.11101-7680	INJECTION PUMP ASS Y	1	-	-	-	-	-				
-	65.11101-7332	INJ. PUMP ASS Y(MEDIUM DUTY)	1	-	-	-	-	-				
-	65.11101-7681	INJECTION PUMP ASS Y	-	-	1	-	-	-				
-	65.11101-7333	INJ. PUMP ASS Y(MEDIUM DUTY)	-	-	1	-	-	-				
-	65.11101-7682	INJECTION PUMP ASS Y	-	-	-	-	1	-				
-	65.11101-7334	INJ. PUMP ASS Y(MEDIUM DUTY)	-	-	-	-	1	-				
-	65.11101-7303	INJECTION PUMP ASS Y	-	-	-	-	-	1				
-	65.11101-7302	INJECTION PUMP ASS Y	-	-	-	1	-	-				
-	65.11101-7301	INJECTION PUMP ASS Y	-	1	-	-	-	-				
2	65.11501-7006	GOVERNOR ASS Y	-	1	-	1	-	1				
3	65.11220-7006	CONTROLLER ; ACTUATOR	-	1	-	1	-	1				
4	65.16301-5009	PIPE ; AIR	1	-	-	-	-	-				
-	65.16301-5010	PIPE ; AIR	-	-	1	-	-	-				
-	65.16301-5011	PIPE ; AIR	-	-	-	-	1	-				
5	06.78190-2205	NIPPLE	1	-	1	-	1	-				
6	06.56190-0704	RING ; SEAL A12×18	1	-	1	-	1	-				
7	65.98150-0053	SCREW ; HOLLOW	1	-	1	-	1	-				
8	06.56180-0714	RING ; SEAL A10×15	2	-	2	-	2	-				
9	65.05701-5357	OIL RET. PIPE ASS Y	-	-	1	1	-	-				
-	65.05701-5355	OIL RET. PIPE ASS Y	1	1	-	-	-	-				
-	65.05701-5360	OIL RET. PIPE ASS Y	-	-	-	-	1	1				
10	65.98130-0151	ADAPTER ; SCREW	-	-	1	1	1	1				
11	06.56190-0726	RING ; SEAL 26×31	-	-	1	1	1	1				
12	06.78144-2204	SCREW ; HOLLOW NW10	-	-	2	2	2	2				
13	06.56190-0706	RING ; SEAL A14×20	-	-	4	4	4	4				
14	65.12340-0001	PIECE ; CONNECTION	-	-	1	1	1	1				
15	06.01494-4407	BOLT ; HEX. M14×1.5×40	-	-	1	1	1	1				
16	06.16044-0213	SPRING ; WASHER B14	-	-	1	1	1	1				
17	06.15010-2316	WASHER 17	-	-	1	1	1	1				
18	65.12301-0001	PIPE ; FUEL	-	-	1	1	1	1				
19	65.98103-6001	UNION ; BANJO	-	-	1	1	1	1				
20	06.71010-0213	NIPPLE ; UNION (CM10)	-	-	1	1	1	1				
21	06.56190-0706	RING ; SEAL A14×20	-	-	1	1	1	1				
22	65.12301-0004	PIPE ; FUEL	-	-	1	1	-	-				
-	65.12301-0005A	PIPE ; FUEL	-	-	-	-	1	1				
23	65.98103-6001	UNION ; BANJO	-	-	2	2	2	2				
24	06.78144-2204	SCREW ; HOLLOW NW10	-	-	1	1	1	1				
25	06.56190-0706	RING ; SEAL A14×20	-	-	2	2	2	2				
26	65.12501-7018	FUEL FILTER ASS Y	-	-	2	2	2	2				
27	65.98150-0064	SCREW ; HOLLOW	-	-	2	2	2	2				
28	06.56190-0706	RING ; SEAL A14×20	-	-	8	8	8	8				
29	06.12172-9316	NUT ; CAP M14×1.5	-	-	2	2	2	2				
30	65.12301-5831B	PIPE ; FUEL	-	-	1	1	1	1				
31	06.78144-2204	SCREW ; HOLLOW NW10	-	-	2	2	2	2				
32	06.56190-0706	RING ; SEAL A14×20	-	-	4	4	4	4				

Fig.030 FUEL INJECTION PUMP

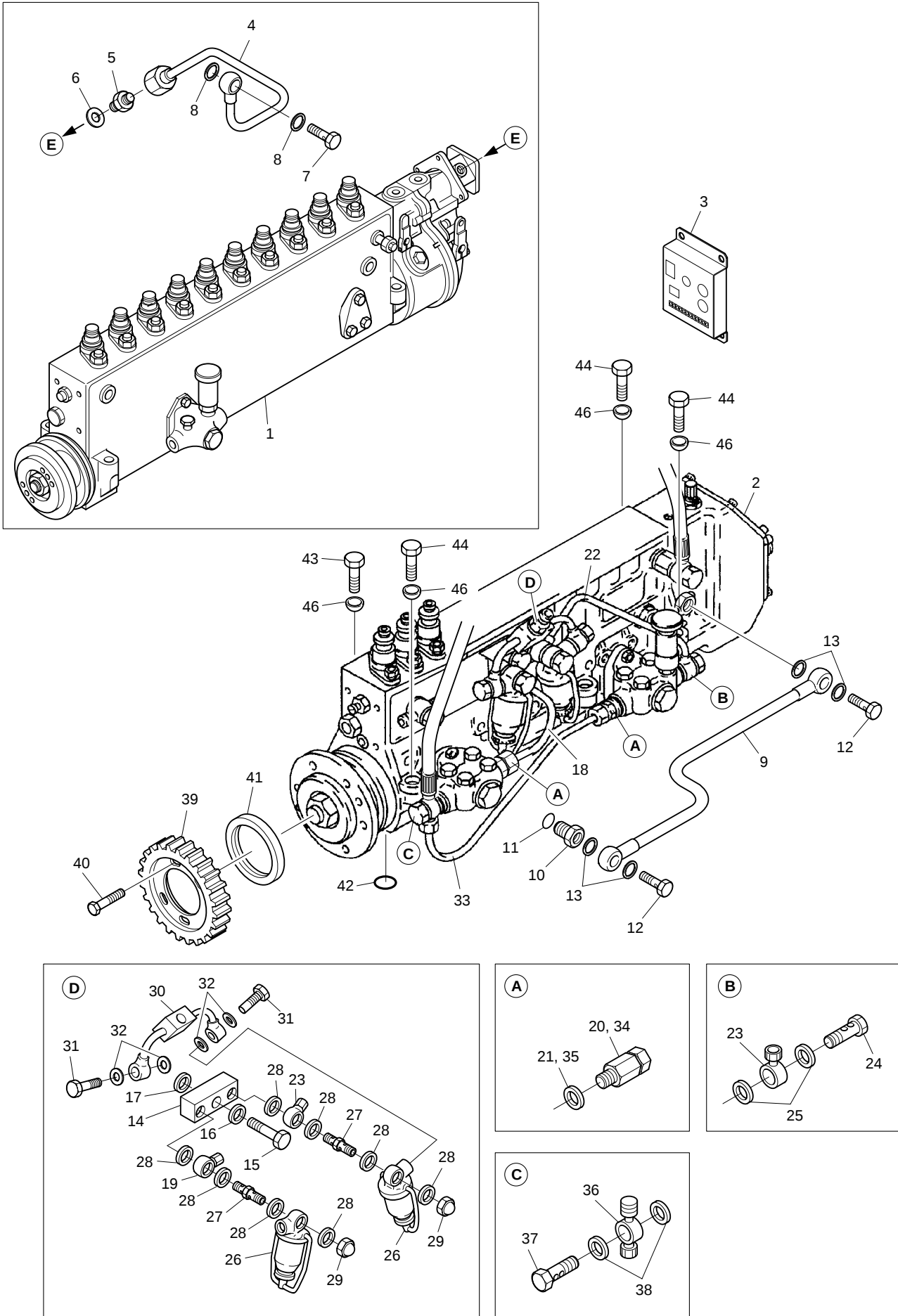
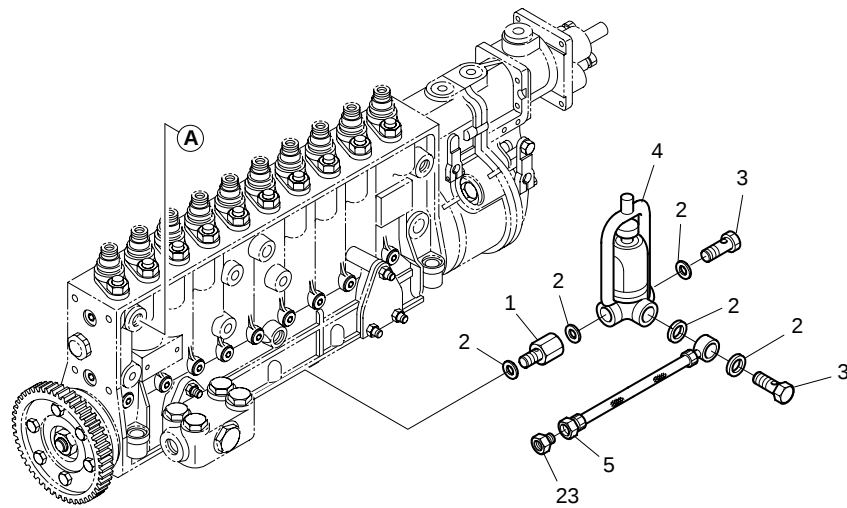
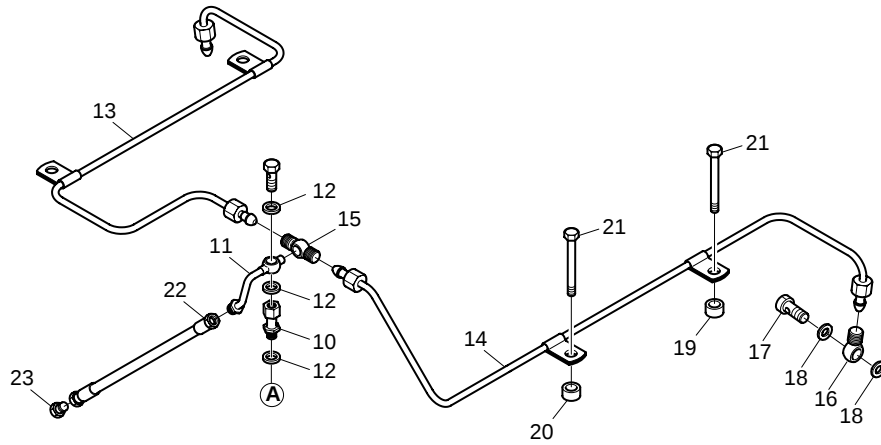


Fig.030 FUEL INJECTION PUMP

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
030-33	65.12301-0002		PIPE ; FUEL	-	-	1	1	-	-				
-	65.12301-0003		PIPE ; FUEL	-	-	-	-	1	1				
34	06.71010-0213		NIPPLE ; UNION (CM10)	-	-	1	1	1	1				
35	06.56190-0706		RING ; SEAL A14×20	-	-	1	1	1	1				
36	65.98103-6002		UNION ; BANJO	-	-	1	1	1	1				
37	06.78144-2204		SCREW ; HOLLOW NW10	-	-	1	1	1	1				
38	06.56190-0706		RING ; SEAL A14×20	-	-	2	2	2	2				
39	65.11301-0115A		GEAR ; INJECTION PUMP DRIVE	1	1	1	1	1	1				
40	06.01284-7112		BOLT ; HEX. M8×18	6	6	6	6	6	6				
41	65.90710-0001A		SPACER	6	6	6	6	6	6				
42	51.96501-0322	O-	O-RING	1	1	1	1	1	1				
43	51.96501-0295	O-	O-RING	1	1	1	1	1	1				
44	65.90001-0146A		BOLT ; HEX.	3	3	3	3	5	5				
45	06.01014-7225		BOLT ; HEX. M10×100	1	1	1	1	1	1				
46	06.15061-0103		WASHER ; BALL C10.5	4	4	4	4	6	6				

Fig.031 FUEL HOSE



INJECTION PUMP

Fig.031 FUEL HOSE

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
031-1	65.98130-0087		ADAPTER	1	1	-	-	-	-				
2	06.56190-0706		RING ; SEAL A14×20	5	5	-	-	-	-				
3	06.78144-2204		SCREW ; HOLLOW NW10	2	2	-	-	-	-				
4	65.12501-7018		FUEL STRAINER ASS Y	1	1	-	-	-	-				
5	60.96340-5011		HOSE ; FUEL	1	1	-	-	-	-				
10	65.98130-0128		ADAPTER	1	1	1	1	1	1				
11	65.12301-5215		PIPE ; FUEL	1	1	1	1	1	1				
12	06.56190-0706		RING ; SEAL A14×20	3	3	3	3	3	3				
13	65.12301-6002		PIPE ; FUEL	1	1	1	1	1	1				
14	65.12301-6003		PIPE ; FUEL	1	1	1	1	1	1				
15	65.98103-0028		UNION ; BANJO	1	1	1	1	1	1				
16	65.98103-0027		UNION ; BANJO	2	2	2	2	2	2				
17	65.98150-0042A		SCREW ; HOLLOW M8×1	3	3	3	3	3	3				
18	06.56180-0712		RING ; SEAL A8×14	6	6	6	6	6	6				
19	65.91701-0184		SPACER	2	2	2	2	2	2				
20	65.91701-0121		SPACER	2	2	2	2	2	2				
21	06.01923-3132		BOLT ASS Y	4	4	4	4	4	4				
22	65.96340-5037		HOSE ; RUBBER ; RING JOINT	1	1	1	1	1	1				
23	06.76030-0108		SCREW ; CONNECTION	2	2	2	2	2	2				

Fig.032 FUEL INJECTION PIPE(1)

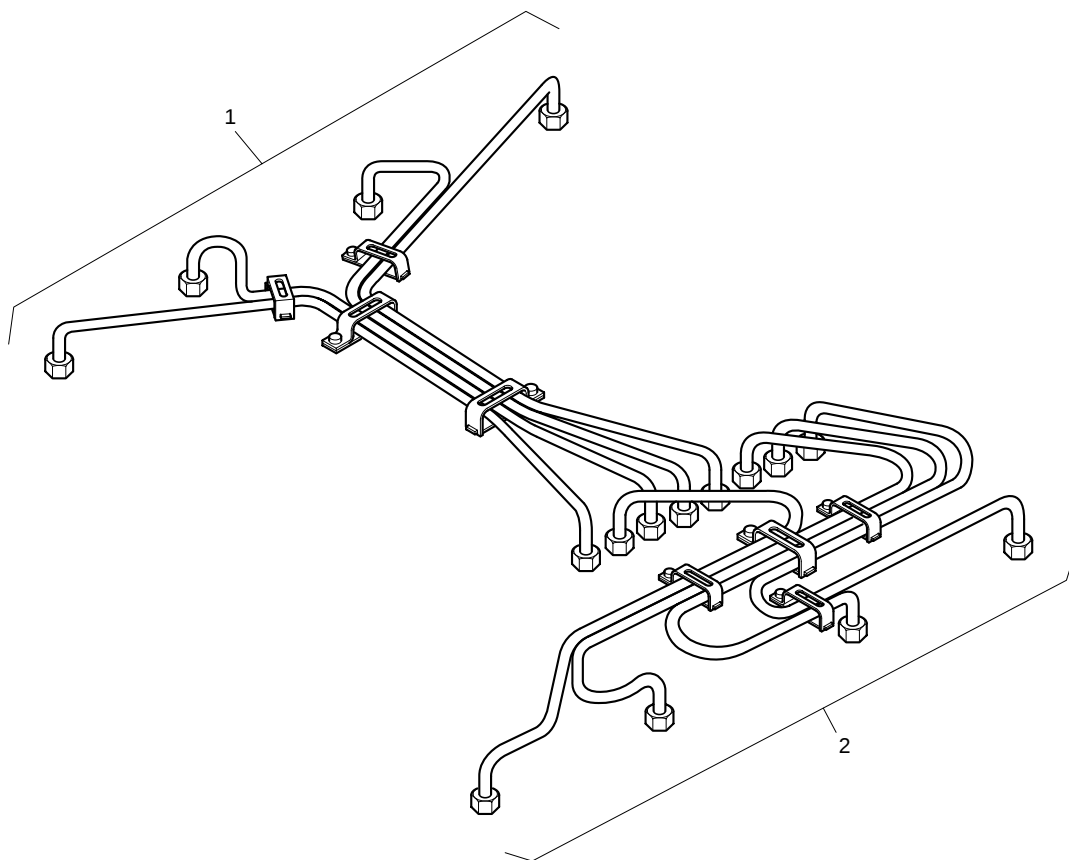


Fig.032 FUEL INJECTION PIPE(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
032-1	65.10301-6053		INJECTION PIPE ASS Y NO.1~4	1	1	-	-	-	-				
2	65.10301-6054		INJECTION PIPE ASS Y NO.5~8	1	1	-	-	-	-				

Fig.033 FUEL INJECTION PIPE(2)

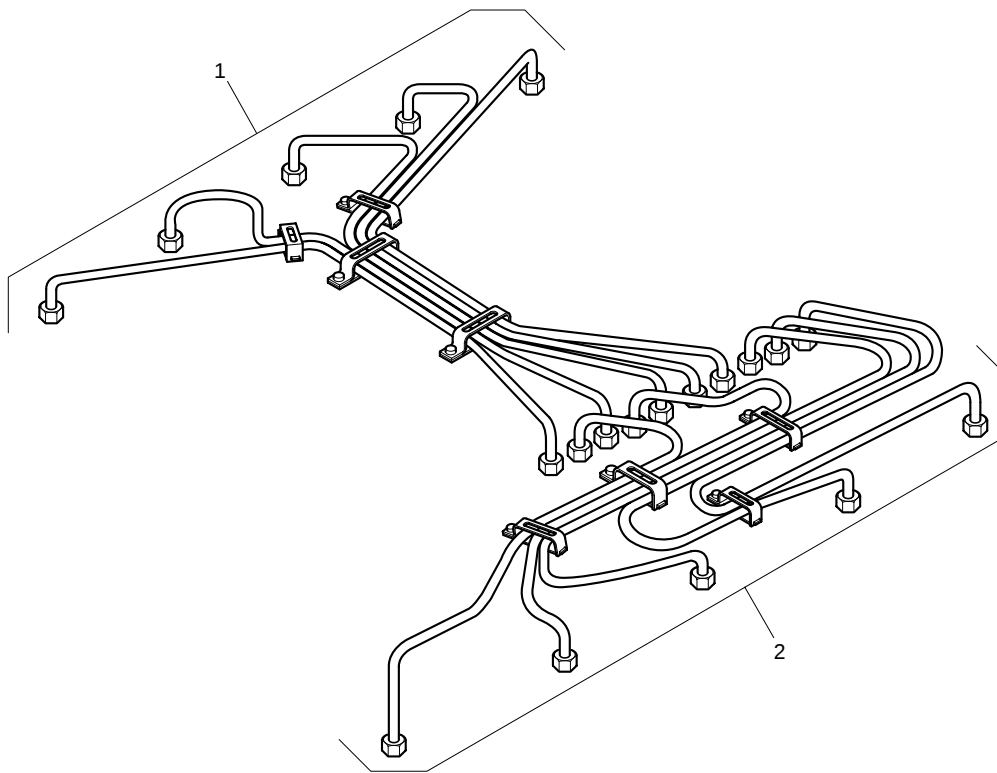


Fig.033 FUEL INJECTION PIPE(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
033-1	65.10301-6055		INJECTION PIPE ASS Y NO.1~5	-	-	1	1	-	-				
2	65.10301-6056		INJECTION PIPE ASS Y NO.6~10	-	-	1	1	-	-				

Fig.034 FUEL INJECTION PIPE(3)

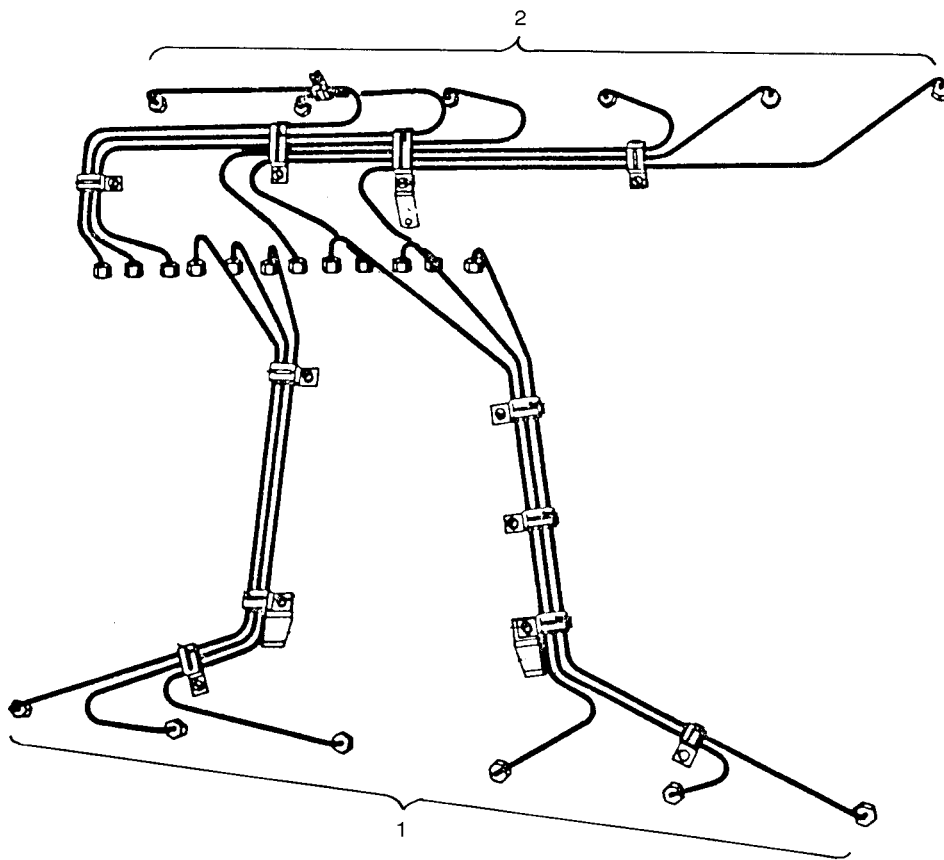


Fig.034 FUEL INJECTION PIPE(3)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
034-1	65.10301-6057		INJECTION PIPE ASS Y NO.1~6	-	-	-	-	1	1				
2	65.10301-6058		INJECTION PIPE ASS Y NO.7~12	-	-	-	-	1	1				

Fig.035 FUEL FILTER

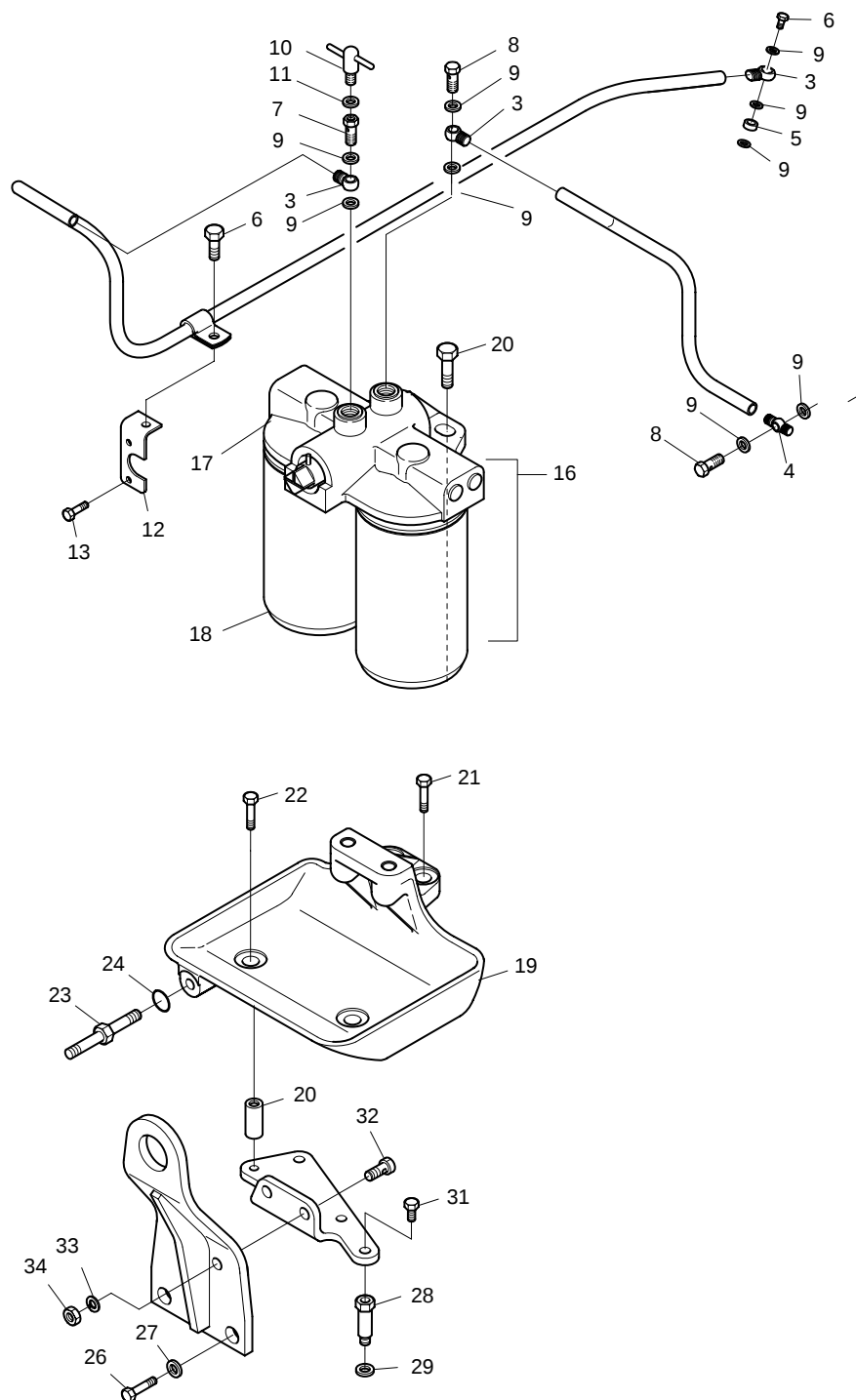


Fig.035 FUEL FILTER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
035-1	65.12301-0006		PIPE ; FUEL	1	1	1	1	1	1				
2	65.12301-0007		PIPE ; FUEL	-	-	-	-	1	1				
-	65.12301-0008		PIPE ; FUEL	-	-	1	1	-	-				
-	65.12301-0009		PIPE ; FUEL	1	1	-	-	-	-				
3	65.98103-6001		UNION ; BANJO	3	3	3	3	3	3				
4	65.98103-6003		UNION ; BANJO	-	-	1	1	1	1				
-	65.98103-6001		UNION ; BANJO	1	1	-	-	-	-				
5	65.91701-0183		SPACER	1	1	1	1	1	1				
6	06.78144-2204		SCREW ; HOLLOW NW10	1	1	1	1	1	1				
7	65.98150-0029		SCREW ; HOLLOW	1	1	1	1	1	1				
8	06.78144-2204		SCREW ; HOLLOW NW10	2	2	2	2	2	2				
9	06.56190-0706		RING ; SEAL A14×20	9	9	9	9	9	9				
10	65.12509-5002		SCREW ; BREATHER	1	1	1	1	1	1				
11	65.96507-0003		RING ; SEAL A8×12	1	1	1	1	1	1				
12	65.97480-5010		HOLDER	1	1	1	1	1	1				
13	06.01913-2911		BOLT ASS Y M6×16	2	2	2	2	2	2				
14	65.97401-0110A		CLIP ; PIPE	1	1	1	1	1	1				
15	06.01923-3111		BOLT ASS Y M8×16	1	1	1	1	1	1				
16	65.12501-7034A		" FUEL FILTER ASS,Y "	1	1	1	1	1	1				
17	65.12504-5018A		F/F HEAD ASS Y	1	1	1	1	1	1				
18	65.12503-5017		ELEMENT ; FUEL FILTER	2	2	2	2	2	2				
19	65.12540-5027		BRACKET; FUEL FILTER	1	1	1	1	1	1				
20	65.91701-0532		SPACER	2	2	2	2	2	2				
21	06.01953-3318		BOLT ASS Y M12×1.5×35	4	4	4	4	4	4				
22	06.01923-3226		BOLT ASS Y M12×75	2	2	2	2	2	2				
23	65.98130-0005		ADAPTER	1	1	1	1	1	1				
24	06.56180-0714		RING ; SEAL A10×15	1	1	1	1	1	1				
25	65.19202-5006		HOOK ; LIFTING	1	1	1	1	1	1				
26	06.01283-7519		BOLT ; HEX. M16×2×40	2	2	2	2	2	2				
27	06.16731-2111		WASHER ; SPRING A16	2	2	2	2	2	2				
28	65.91701-0549		SPACER	1	1	1	1	1	1				
29	06.56190-0726		RING ; SEAL 26×31	1	1	1	1	1	1				
30	65.97480-0191		HOLDER	1	1	1	1	1	1				
31	06.01913-3216		BOLT ; HEX. M10×28	2	2	2	2	2	2				
32	06.01283-7218		BOLT ; HEX. M10×35	2	2	2	2	2	2				
33	06.01283-7218		WASHER ; SPRING A10	2	2	2	2	2	2				
34	06.11063-8215		NUT ; HEX. M10	2	2	2	2	2	2				

Fig.036 EXHAUST PIPE

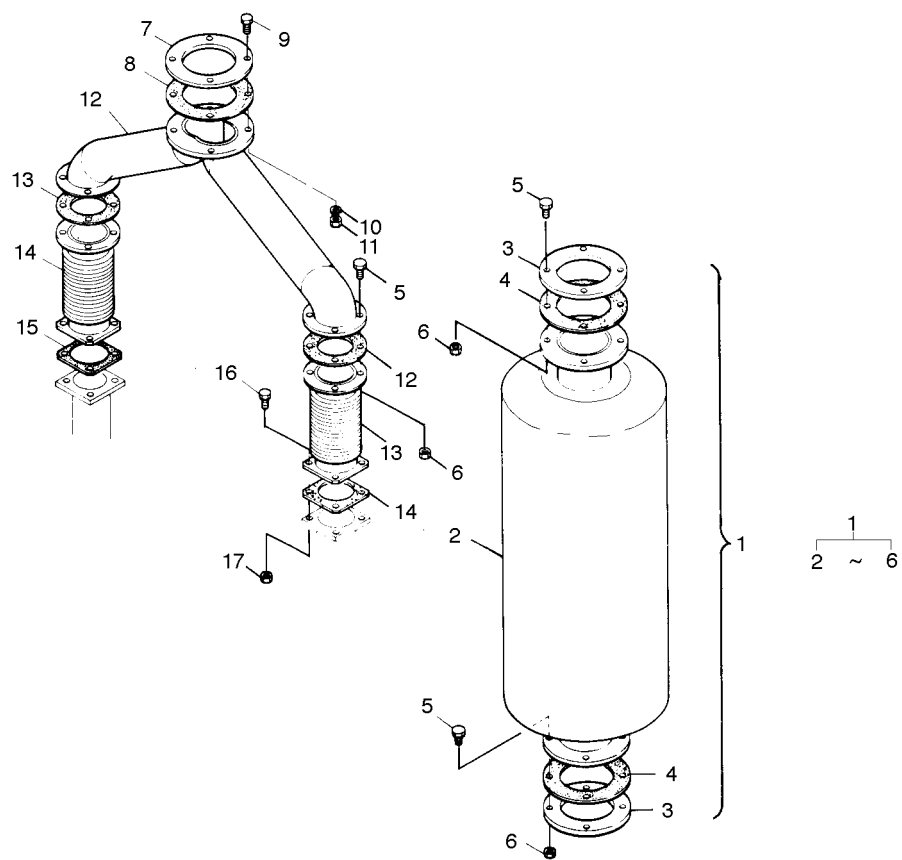


Fig.036 EXHAUST PIPE

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
036-1	60.15101-6002		SILENCER ASS Y	1	-	1	-	1	-				
2	60.15101-5007		SILENCER	1	-	1	-	1	-				
3	60.15202-0005		FLANGE	2	-	2	-	2	-				
4	60.15902A0003	가	GASKET	2	-	2	-	2	-				
5	06.01493-4509		BOLT ; HEX. M16×50	8	-	8	-	8	-				
6	06.11063-9218		NUT ; HEX. M16	8	-	8	-	8	-				
7	60.15202-0005		FLANGE	1	-	1	-	1	-				
8	60.15902A0003	가	GASKET	1	-	1	-	1	-				
9	06.01493-4509		BOLT ; HEX. M16×1.5×50	4	-	4	-	4	-				
10	06.16731-2111		WASHER ; SPRING A16	4	-	4	-	4	-				
11	06.11063-9218		NUT ; HEX. M16×1.5	4	-	4	-	4	-				
12	65.15201-5005		PIPE ; EXHAUST PIPE	1	-	1	-	1	-				
13	67.15902A0012	가	GASKET ; EXHAUST PIPE	2	-	2	-	2	-				
14	65.15211-5003		BELLOWS	2	-	2	-	2	-				
15	65.15901-0010	가	GASKET	2	-	2	-	2	-				
16	06.01913-3217		BOLT ASS Y M10×30	8	-	8	-	8	-				
17	06.11063-8215		NUT	8	-	8	-	8	-				

Fig.037 LIFTING HOOK

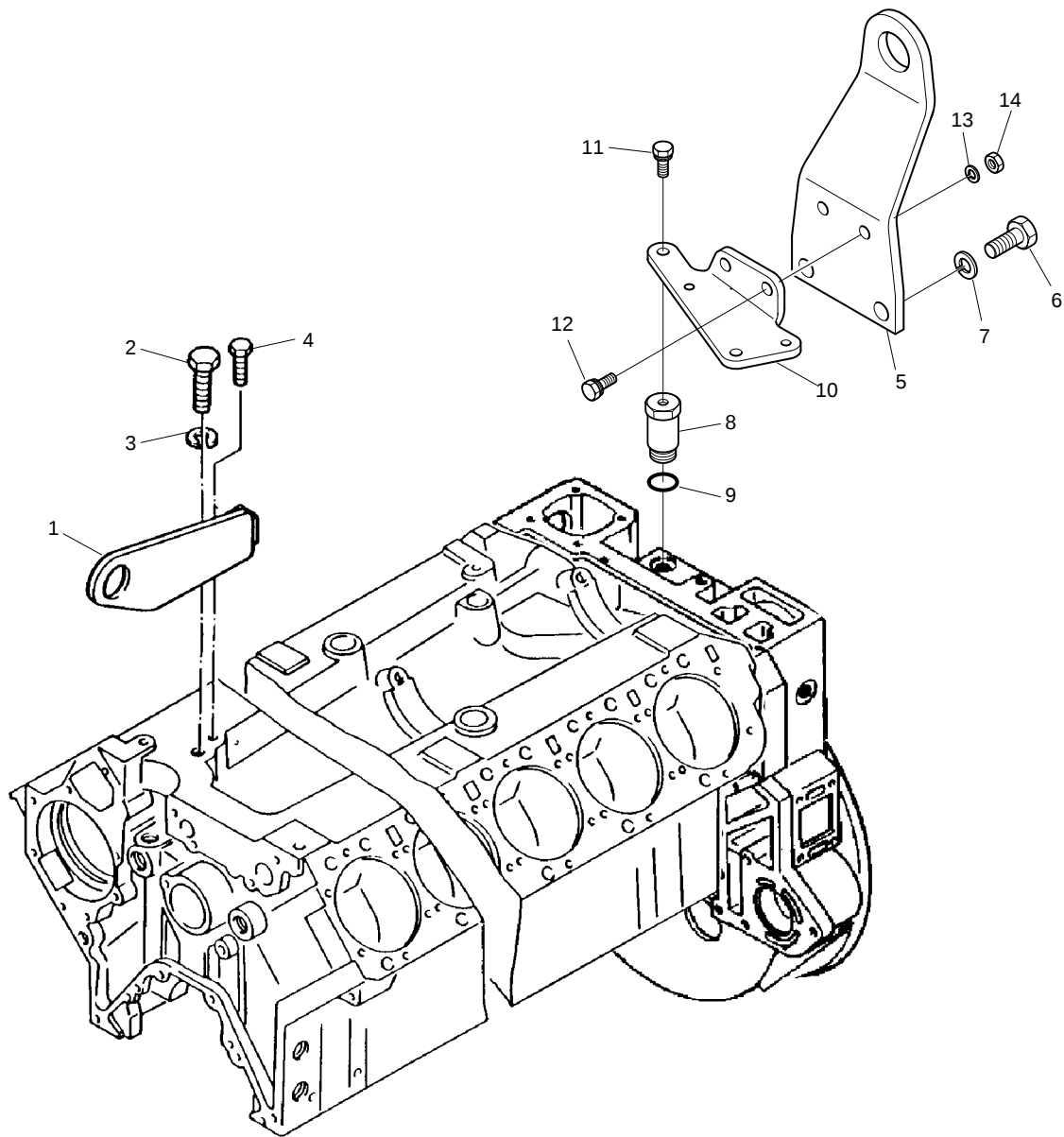


Fig.037 LIFTING HOOK

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
037-1	65.19202-5004		HOOK ; LIFTING	1	1	1	1	1	1				
2	06.01283-7720		BOLT ; HEX. M20×45	1	1	1	1	1	1				
3	06.16731-2113		WASHER ; SPRING A20	1	1	1	1	1	1				
4	06.01913-3217		BOLT ASS Y M10×30	1	1	1	1	1	1				
5	65.19202-5006		HOOK ; LIFTING(REAR)	1	1	1	1	1	1				
6	06.01283-7519		BOLT ; HEX. M16×2×40	2	2	2	2	2	2				
7	06.16731-2111		WASHER ; SPRING A16	2	2	2	2	2	2				
8	65.91701-0549		SPACER	1	1	1	1	1	1				
9	06.56190-0726		RING ; SEAL A26×31	1	1	1	1	1	1				
10	65.97480-0191		HOLDER	1	1	1	1	1	1				
11	06.01913-3216		BOLT ASS Y M10×28	2	2	2	2	2	2				
12	06.01283-7218		BOLT ; HEX. M10×35	2	2	2	2	2	2				
13	06.16731-2108		WASHER ; SPRING A10	2	2	2	2	2	2				
14	06.11063-8215		NUT ; HEX. M10	2	2	2	2	2	2				

Fig.038 ENGINE STOP

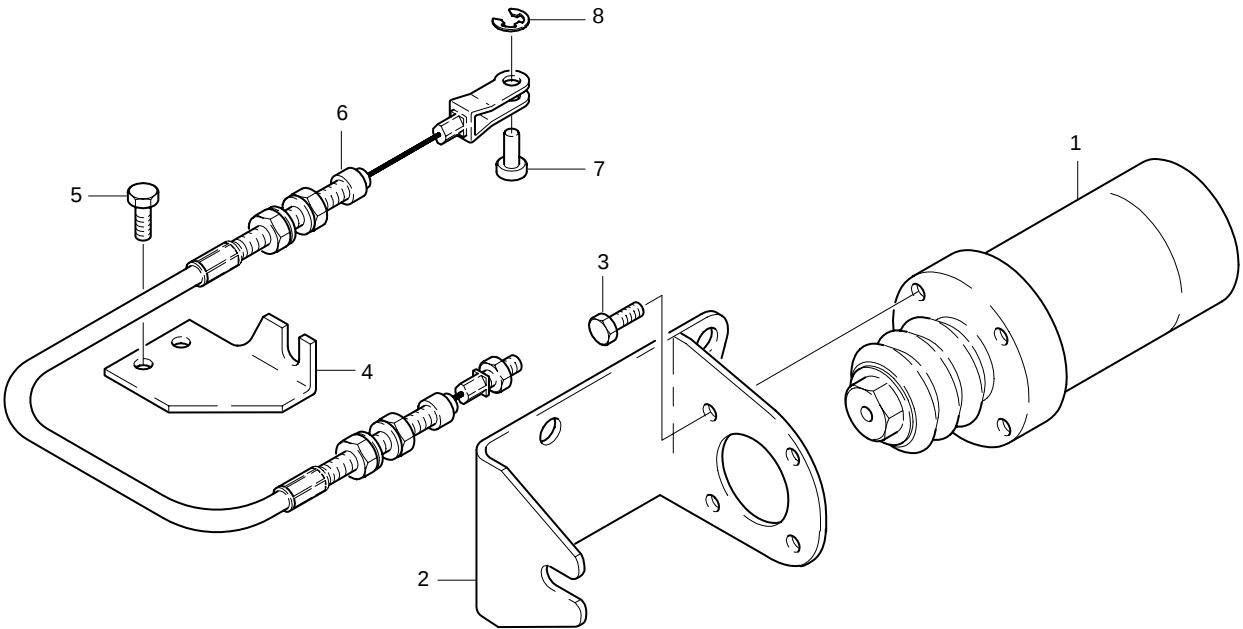


Fig.038 ENGINE STOP

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
038-1	65.25900-6008		SOLENOID	1	-	1	-	1	-				
2	65.25909-5013		BRACKET ; SOLENOID	1	-	1	-	1	-				
3	06.01923-2910		BOLT ASS Y M6×12	4	-	4	-	4	-				
4	60.25909-0006		BRACKET ; SOLENOID	1	-	1	-	1	-				
5	06.01923-2910		BOLT ASS Y M6×12	2	-	2	-	2	-				
6	60.11610-7033		STOP CABLE ASS Y	1	-	1	-	1	-				
7	60.91010-0011		PIN	1	-	1	-	1	-				
8	06.29030-2108		RING	1	-	1	-	1	-				

Fig.039 ALTERNATOR

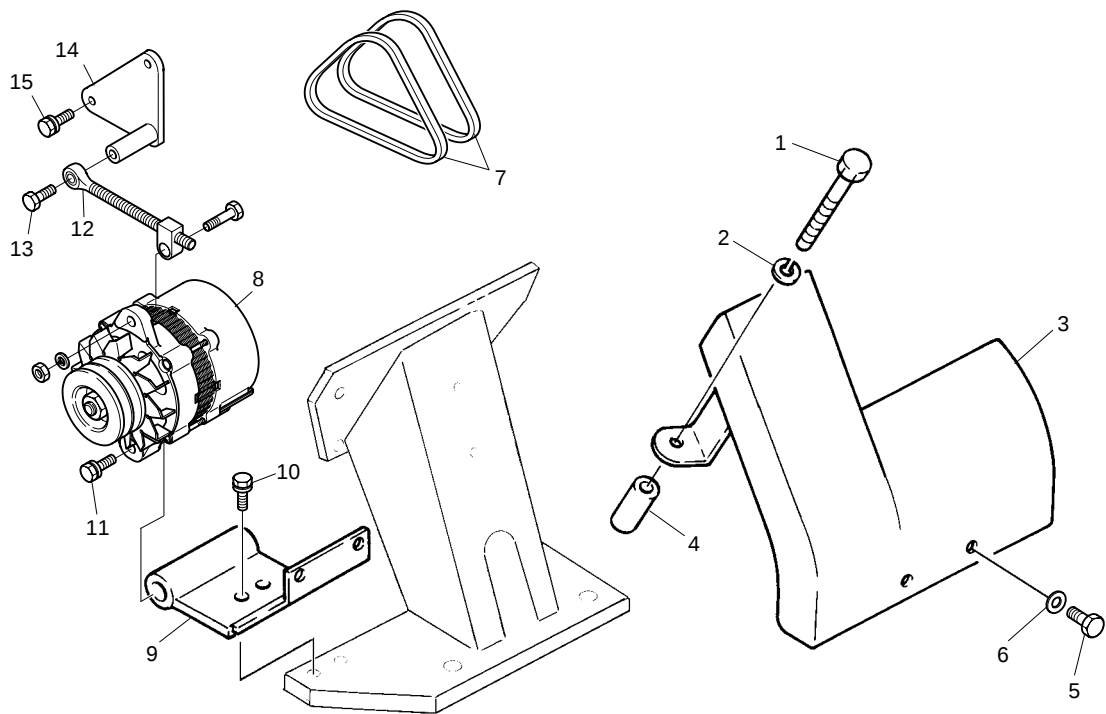


Fig.039 ALTERNATOR

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
039-1	06.01913-3234		BOLT ASS Y M10×130	1	1	1	1	1	1				
2	06.16731-2108		WASHER ; SPRING A10	1	1	1	1	1	1				
3	60.17630-5006A		COVER ; ALTERNATOR	1	1	1	1	1	1				
4	60.91701-0050		SPACER	1	1	1	1	1	1				
5	65.90020-0068		BOLT	2	2	2	2	2	2				
6	06.15233-0105		WASHER	2	2	2	2	2	2				
7	65.96801-0064	V-	V-BELT 2×17×1325 ST	1	1	1	1	1	1				
-	65.96801-0017	V-	V-BELT 2×17×1350	-	-	-	-	-	-				
8	65.26101-7139		ALTERNATOR 24V×50A	1	1	1	1	1	1				
9	65.19102-5049		BRACKET ; ALTERNATOR	1	1	1	1	1	1				
10	06.01913-3216		BOLT ; HEX. M10×28	2	2	2	2	2	2				
11	06.01943-3317		BOLT ASS Y M12×1.5×30	2	2	2	2	2	2				
12	65.19103-6009A		EYE BOLT ASS Y	1	1	1	1	1	1				
13	06.01943-3319		BOLT ASS Y M12×1.5×40	1	1	1	1	1	1				
14	65.19103-5027		BRACKET ; ALT. SUPPORT	1	1	1	1	1	1				
15	06.01913-3216		BOLT ; HEX. M10×28	2	2	2	2	2	2				

Fig.040 BATTERY

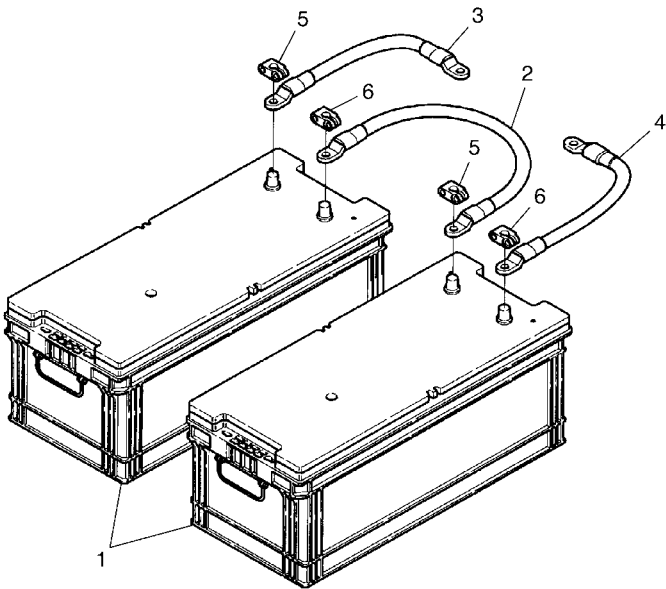


Fig.040 BATTERY

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
040-1	65.96601-7002		BATTERY 12V×200MF	2	-	2	-	2	-				
2	66.29101-0022		WIRE(BATTERY)	1	-	1	-	1	-				
3	65.29101-0002	()	WIRE ; BATTERY(RED)	1	-	1	-	1	-				
4	65.29101-0003	()	WIRE ; BATTERY(BLACK)	1	-	1	-	1	-				
5	65.26609-0003	(+)	TERMINAL ; BATTERY(+)	2	-	2	-	2	-				
6	65.26609-0004	(-)	TERMINAL ; BATTERY(-)	2	-	2	-	2	-				

Fig.041 CONTROL

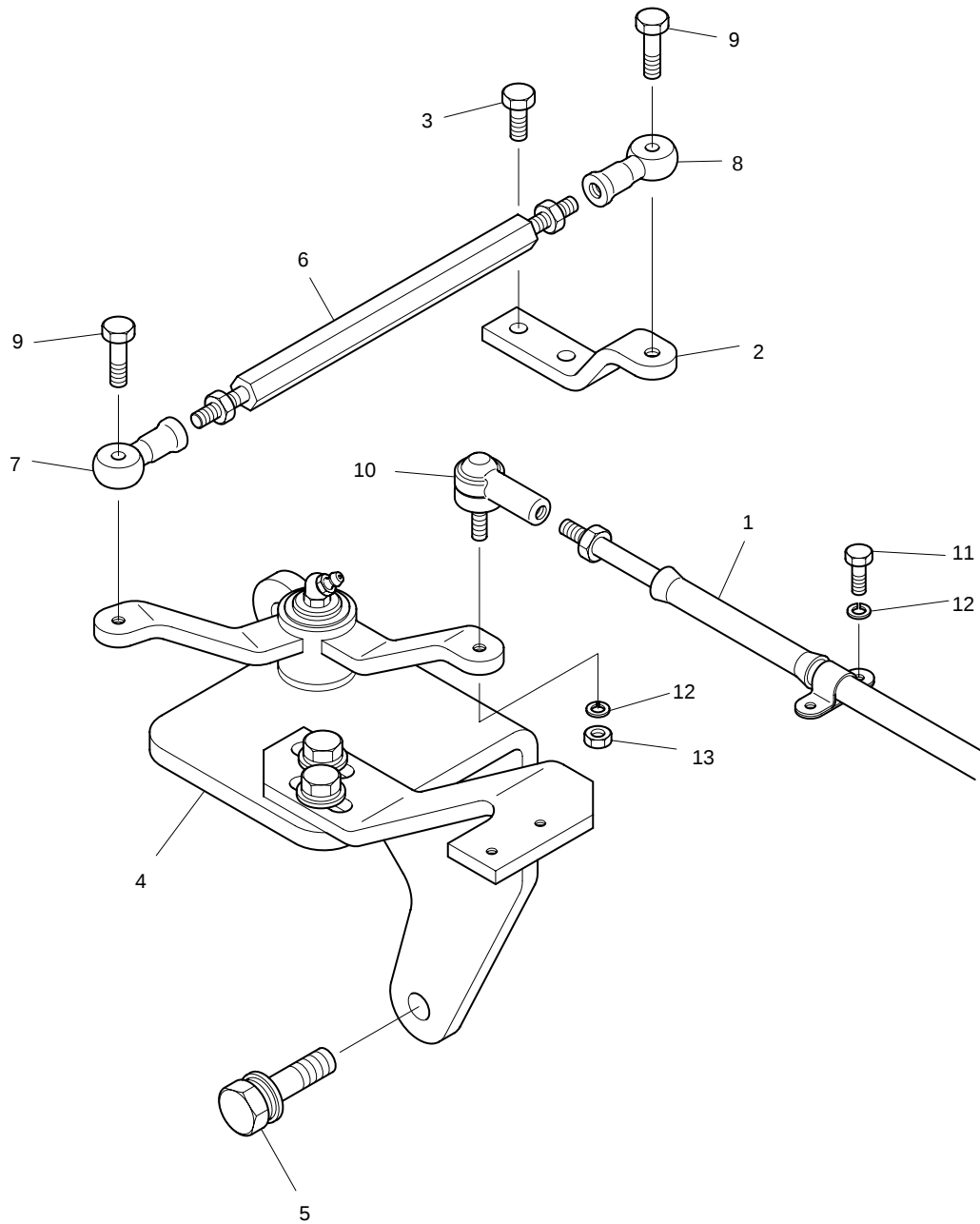


Fig.041 CONTROL

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
041-1	60.32610-8002		CABLE ; CONTROL	2	-	2	-	2	-				
2	65.11165-0014		LEVER ; CONTROL	1	-	1	-	1	-				
3	06.01913-2911		BOLT A 'SSY M6×16	2	-	2	-	2	-				
4	65.11600-6004		ENGINE CONTROL ASS Y	1	-	1	-	1	-				
5	06.01913-3219		BOLT A 'SSY M10×40	2	-	2	-	2	-				
6	65.11601-6001		ROD ; CONTROL	1	-	-	-	-	-				
-	65.11601-6002		ROD ; CONTROL	-	-	1	-	-	-				
-	65.11601-6003		ROD ; CONTROL	-	-	-	-	1	-				
7	60.11613-6004		BEARING ; END (M6×1.0R)	1	-	1	-	1	-				
8	60.11613-6005		BEARING ; END (M6×1.0L)	1	-	1	-	1	-				
9	06.01923-2914		BOLT ASS Y M6×22	2	-	2	-	2	-				
10	60.11613-6001		JOINT ; ANGLE	2	-	2	-	2	-				
11	06.04190-8806		BOLT M5×12	4	-	4	-	4	-				
12	06.16731-2104		WASHER ; SPRING 5 KS-B1324	6	-	6	-	6	-				
13	06.11060-8211		NUT ; HEX. M5×0.8	2	-	2	-	2	-				

Fig.042 STARTER

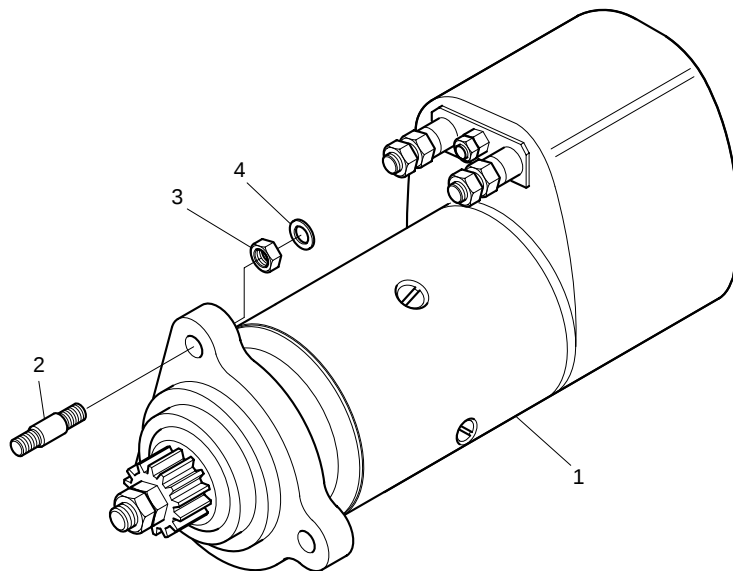


Fig.042 STARTER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
042-1	65.26201-7123		STARTER	1	1	1	1	1	1				
2	06.06175-8309		BOLT ; STUD	3	3	3	3	3	3				
3	06.16731-2109		WASHER ; SPRING A12	3	3	3	3	3	3				
4	06.11063-9216		NUT ; HEX. M12×1.5	3	3	3	3	3	3				

Fig.043 CLUTCH

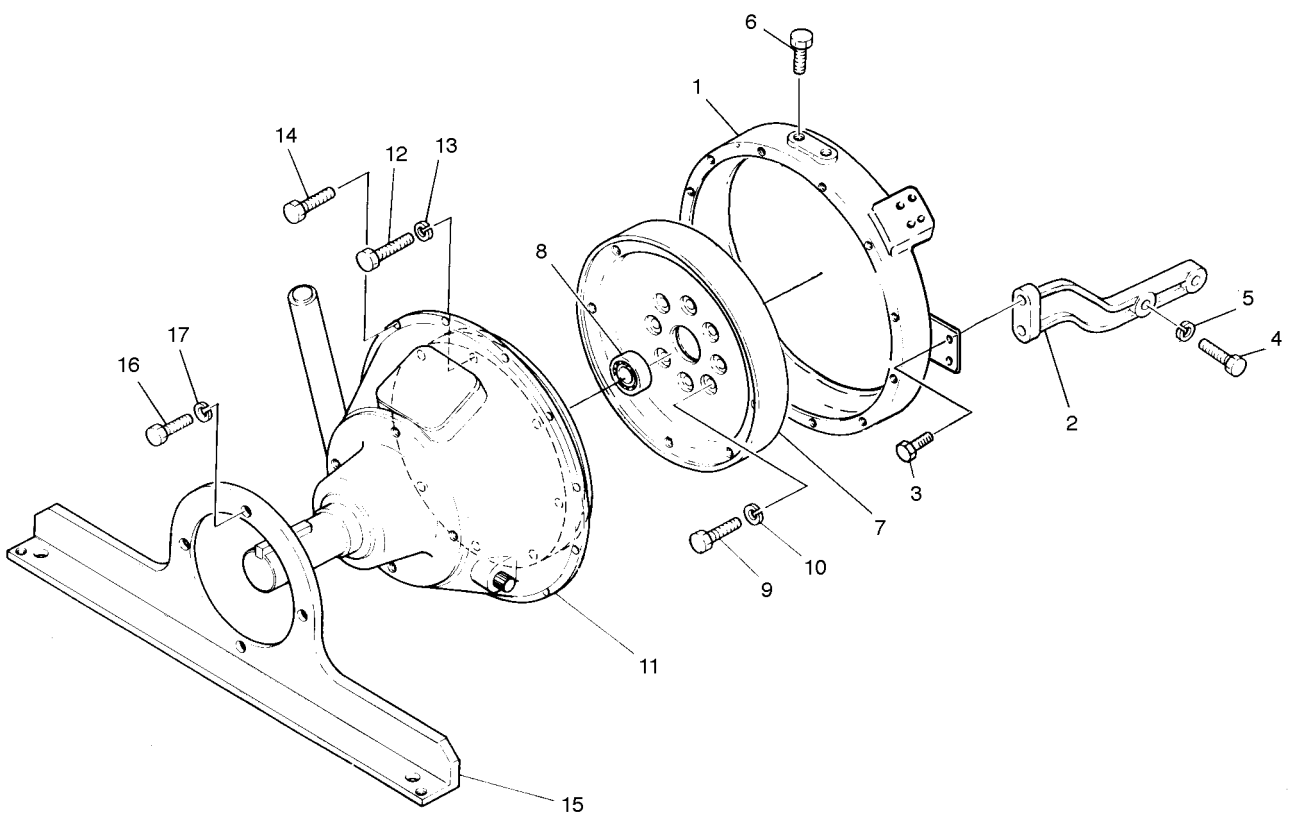


Fig.043 CLUTCH

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
043-1	60.34805-0007		HOUSING ; F.PTO	1	-	1	-	1	-				
2	60.34840-0011		BRACKET ; PTO HOUSING	2	-	2	-	2	-				
-	60.06813-5011		BRACKET ; SEA WATER PUMP	-	-	-	-	-	-				
3	06.01943-3320		BOLT ASS Y M12×1.5×45	4	-	4	-	4	-				
4	06.01283-7420		BOLT ; HEX. M14×45	4	-	4	-	4	-				
5	06.16731-2110		WASHER ; SPRING A14	4	-	4	-	4	-				
6	06.01913-3214		BOLT ASS Y M10×22	2	-	2	-	2	-				
7	60.34801-0030		COUPLING	1	-	1	-	1	-				
8	60.93410-0006		BEARING ; BALL	1	-	1	-	1	-				
9	06.02106-0622		BOLT ; SOCKET HEAD	8	-	8	-	8	-				
10	06.16110-0108		WASHER ; SPRING	8	-	8	-	8	-				
11	60.34800-7011		CLUTCH ASS Y	1	-	1	-	1	-				
12	06.01013-9217		BOLT ; HEX. M10×1.5×60	8	-	8	-	8	-				
13	06.16731-2108		WASHER ; SPRING A10	8	-	8	-	8	-				
14	06.01913-3218		HEX. BOLT ASS Y M10×35	12	-	12	-	12	-				
15	60.41510-5020A		BRACKET ; PTO	1	-	1	-	1	-				
16	06.01733-4409		BOLT ; HEX. M14×1.5×25	4	-	4	-	4	-				
17	06.16731-2110		WASHER ; SPRING A14	4	-	4	-	4	-				

Fig.044 CHOCK LINER

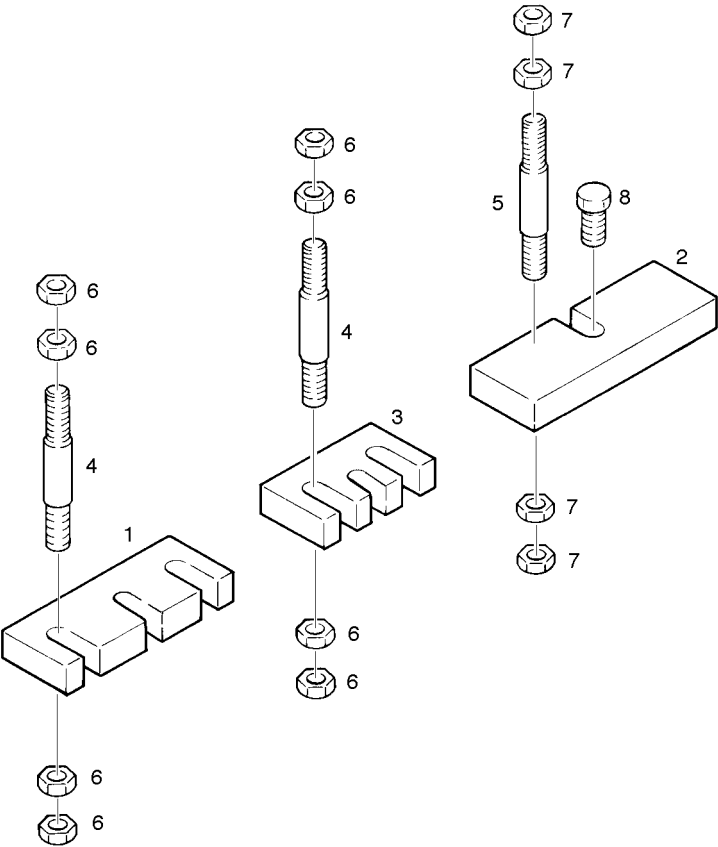


Fig.044 CHOCK LINER

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
044-1	65.41560-0004		LINER ; CHOCK	2	-	2	-	2	-				
2	65.41560-0005		LINER ; CHOCK	2	-	2	-	2	-				
3	65.41560-0006		LINER ; CHOCK	2	-	2	-	2	-				
4	60.90201-0050		BOLT ; STUD	8	-	8	-	8	-				
5	60.90005-0034		BOLT ; REAMER	4	-	4	-	4	-				
6	06.11063-9218		NUT ; HEX. M16×1.5	32	-	32	-	32	-				
7	06.11063-9222		NUT ; HEX. M24×1.5	16	-	16	-	16	-				
8	60.90001-0026		BOLT : HEX.	6	-	6	-	6	-				

Fig.045 GAUGE PANEL(1)

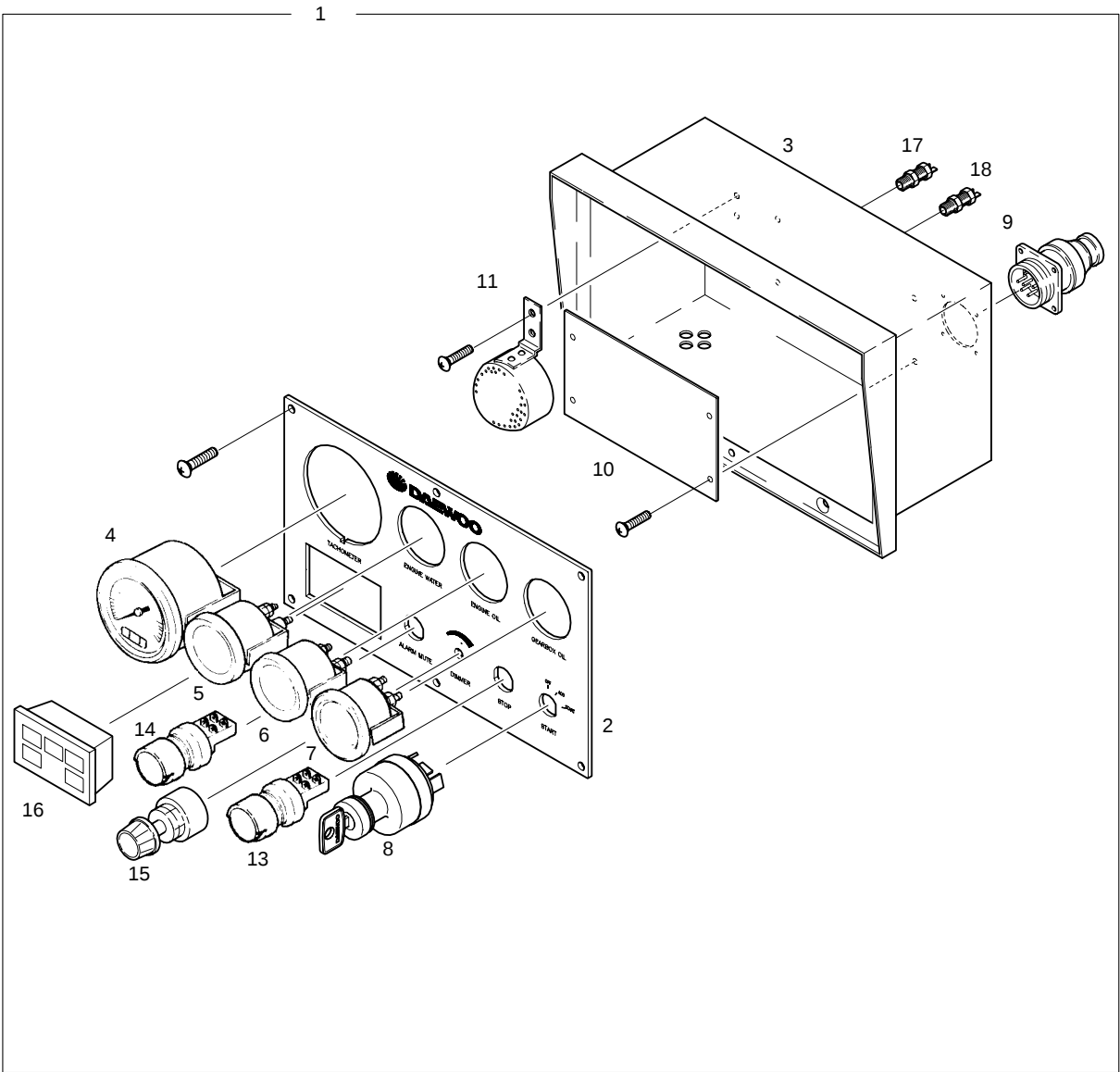


Fig.045 GAUGE PANEL(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
045-1	65.61700-6021		GAUGE PANEL ASS'Y	1	-	1	-	1	-				
2	65.61710-0004		PANEL ; GAUGE	1	-	1	-	1	-				
3	65.61713-5006		CASE	1	-	1	-	1	-				
4	65.27101-6002		METER ; TACHO	1	-	1	-	1	-				
5	65.27401-6004		GAUGE ; WATER TEMP	1	-	1	-	1	-				
6	65.27431-6002		GAUGE ; OIL PRESSURE	1	-	1	-	1	-				
7	65.27431-6003		CLUTCH ; OIL PRESS GAUGE	1	-	1	-	1	-				
8	65.25501-7001		KEY SWITCH ASS'Y	1	-	1	-	1	-				
9	65.26810-0008		CONNECTOR	1	-	1	-	1	-				
10	65.61750-6008		PCB	1	-	1	-	1	-				
11	60.25301-6004		BUZZER	1	-	1	-	1	-				
13	65.25501-6001	()	BUTTON ; PUSH(RED)	1	-	1	-	1	-				
14	65.25501-6002	()	BUTTON ; PUSH(YELLOW)	1	-	1	-	1	-				
15	65.25501-6003		SWITCH ; DIMMER	1	-	1	-	1	-				
16	65.25210-6002		LAMP ASS'Y	1	-	1	-	1	-				
17	65.25502-6007	(5A)	BREAKER ; CIRCUIT(5A)	1	-	1	-	1	-				
18	65.25502-6009	(2A)	BREAKER ; CIRCUIT(2A)	1	-	1	-	1	-				

Fig.046 GAUGE PANEL(2)

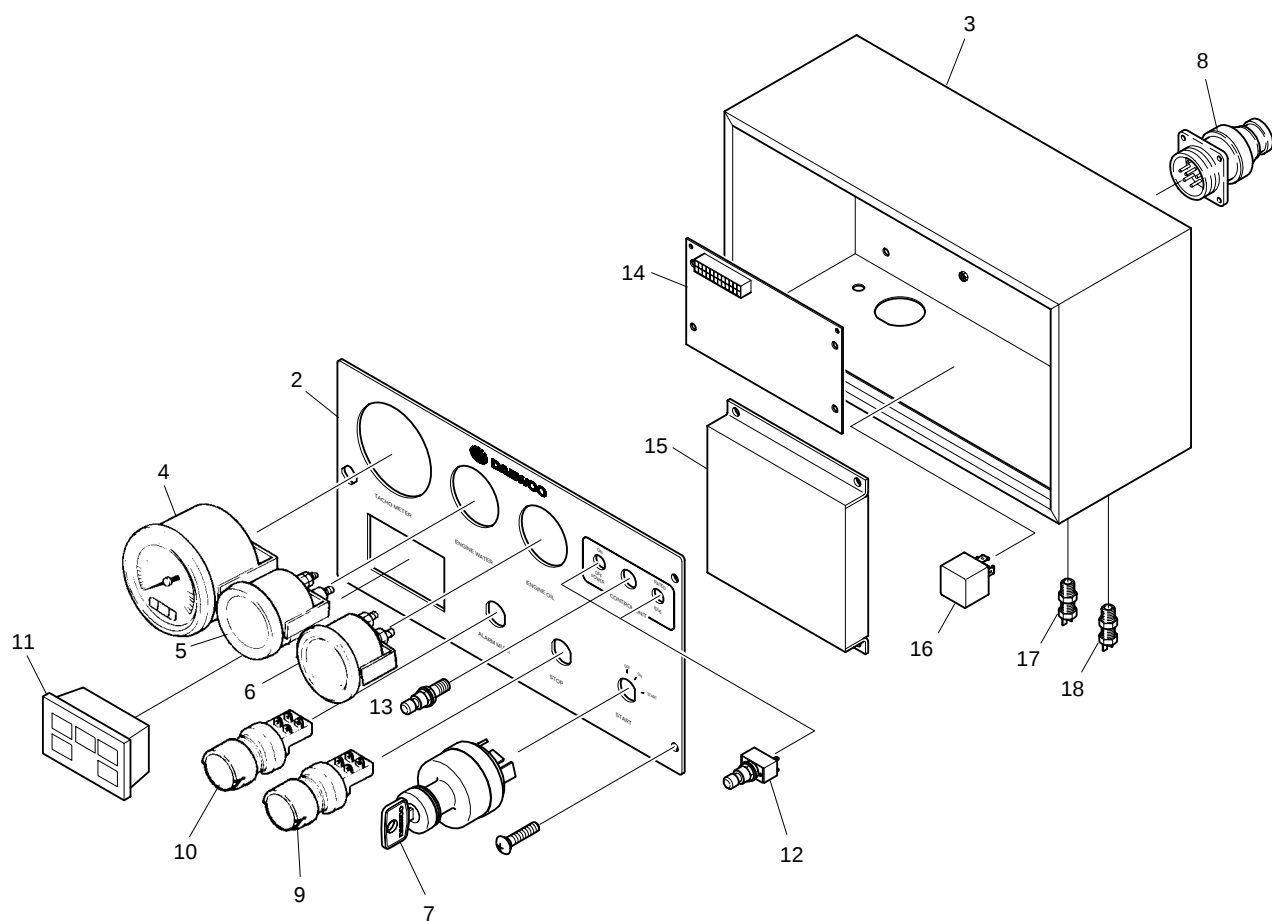


Fig.046 GAUGE PANEL(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
046-1	65.61700-6022		GAUGE PANEL ASS Y	-	1	-	1	-	1				
2	65.61710-0005		PANEL ; GAUGE	-	1	-	1	-	1				
3	65.61713-5002A		CASE	-	1	-	1	-	1				
4	65.27101-6002		METER ; TACHO	-	1	-	1	-	1				
5	65.27401-6004		GAUGE ; WATER TEMP	-	1	-	1	-	1				
6	65.27431-6002		GAUGE ; OIL PRESSURE	-	1	-	1	-	1				
7	65.25501-7001		KEY SWITCH ASS Y	-	1	-	1	-	1				
8	65.26810-0008		CONNECTOR	-	1	-	1	-	1				
9	65.25501-6001	()	BUTTON ; PUSH(RED)	-	1	-	1	-	1				
10	65.25501-6002	()	BUTTON ; PUSH(YELLOW)	-	1	-	1	-	1				
11	65.25210-6002		LAMP ASS Y	-	1	-	1	-	1				
12	60.25501-6001		SWITCH ; TOGGLE	-	2	-	2	-	2				
13	65.25502-6005	(10A)	BREAKER ; CIRCUIT(10A)	-	1	-	1	-	1				
14	65.61750-6008		PCB	-	1	-	1	-	1				
15	65.11220-7006	가	CONTROLLER ; ACTUATOR	-	1	-	1	-	1				
16	65.98814-7009		RELAY	-	1	-	1	-	1				
17	65.25502-6007	(5A)	BREAKER ; CIRCUIT(5A)	-	1	-	1	-	1				
18	65.25502-6009	(2A)	BREAKER ; CIRCUIT(2A)	-	1	-	1	-	1				

Fig.047 ELECTRIC WIRE(1)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
047-1	06.56190-0723		RING ; SEAL A30×36	1	-	1	-	1	-				
2	65.98130-0112A		ADAPTER ; OIL PRESS. SENSOR	1	-	1	-	1	-				
3	65.97480-0193		HOLDER	1	-	1	-	1	-				
4	06.01013-9230		BOLT ; HEX. M10×150	2	-	2	-	2	-				
5	06.16731-2108		WASHER ; SPRING A10	2	-	2	-	2	-				
6	65.98130-0129		ADAPTER	1	-	1	-	1	-				
7	06.01913-3118		BOLT ASS Y M12×35	2	-	2	-	2	-				
8	65.05701-6091		PIPE ; OIL	1	-	1	-	1	-				
9	65.98150-0053		SCREW ; HOLLOW	1	-	1	-	1	-				
10	65.90310-0033		SCREW ; PLUG AM10×1.0	2	-	2	-	2	-				
11	06.56180-0714		RING ; SEAL A10×15	4	-	4	-	4	-				
12	65.27441-7009		UNIT ; OIL PRESSURE	1	-	1	-	1	-				
13	65.27441-6001		SWITHCH ; PRESSURE GAUGE	1	-	1	-	1	-				
14	06.56190-0706		RING ; SEAL A14×20	1	-	1	-	1	-				
15	65.27405-6003		UNIT ; THERMOMETER	1	-	1	-	1	-				
16	65.27415-6002		SWITCH ; THERMO	1	-	1	-	1	-				
17	65.27103-7002C		SENSOR	1	-	1	-	1	-				
18	60.27435-6003		CLUTCH ; OIL PRESS SENDE	1	-	1	-	1	-				
19	65.29101-6072		WIRE ; ELECTRIC	1	-	1	-	1	-				
20	65.29101-8001		WIRE ; ELECTIRC	1	-	1	-	1	-				

Fig.048 ELECTRIC WIRE(2)

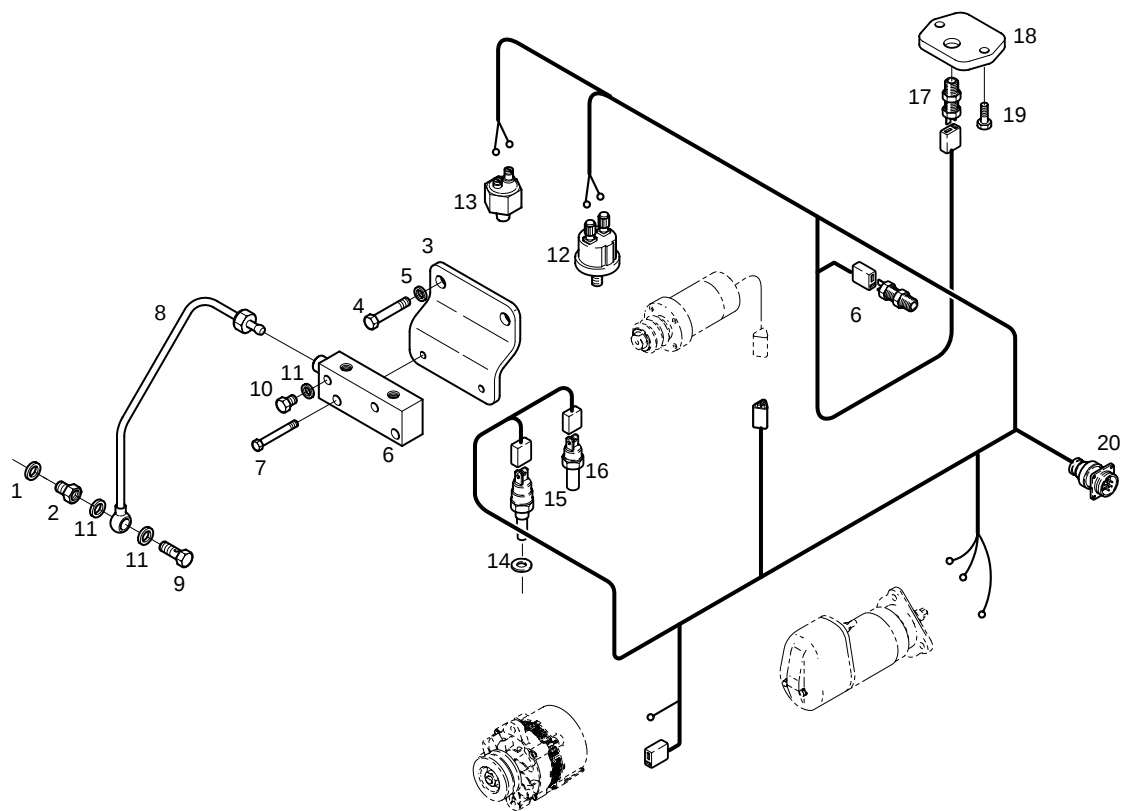


Fig.048 ELECTRIC WIRE(2)

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
048-1	06.56190-0723		RING ; SEAL A24×32	1	-	1	-	1	-				
2	65.98130-0112A		ADAPTER ; OIL PRESS. SENSOR	1	-	1	-	1	-				
3	65.97480-0193		HOLDER	1	-	1	-	1	-				
4	06.01013-9230		BOLT : HEX. M10×150	2	-	2	-	2	-				
5	06.16731-2108		WASHER ; SPRING A10	2	-	2	-	2	-				
6	65.98130-0129		ADAPTER	1	-	1	-	1	-				
7	06.01913-3118		BOLT ASS Y M12×35	2	-	2	-	2	-				
8	65.05701-6091		PIPE ; OIL	1	-	1	-	1	-				
9	65.98150-0053		SCREW ; HOLLOW	1	-	1	-	1	-				
10	65.90310-0033		SCREW ; PLUG AM10×1.0	2	-	2	-	2	-				
11	06.56180-0714		RING ; SEAL A10×15	4	-	4	-	4	-				
12	65.27441-7009		UNIT ; OIL PRESSURE	1	-	1	-	1	-				
13	65.27441-6001		SWITHCH ; PRESSURE GAUGE	1	-	1	-	1	-				
14	06.56190-0706		RING ; SEAL A14×20	1	-	1	-	1	-				
15	65.27405-6003		UNIT ; THERMOMETER	1	-	1	-	1	-				
16	65.27415-6002		SWITCH ; THERMO	1	-	1	-	1	-				
17	65.27103-7002C		SENSOR	2	-	2	-	2	-				
18	65.98130-0127		ADAPTER	1	-	1	-	1	-				
19	06.01913-3115		BOLT ASS Y M8×25	2	-	2	-	2	-				
20	65.29101-6073		WIRE ; ELECTIRC	1	-	1	-	1	-				

Fig.049 IDLE PULLEY

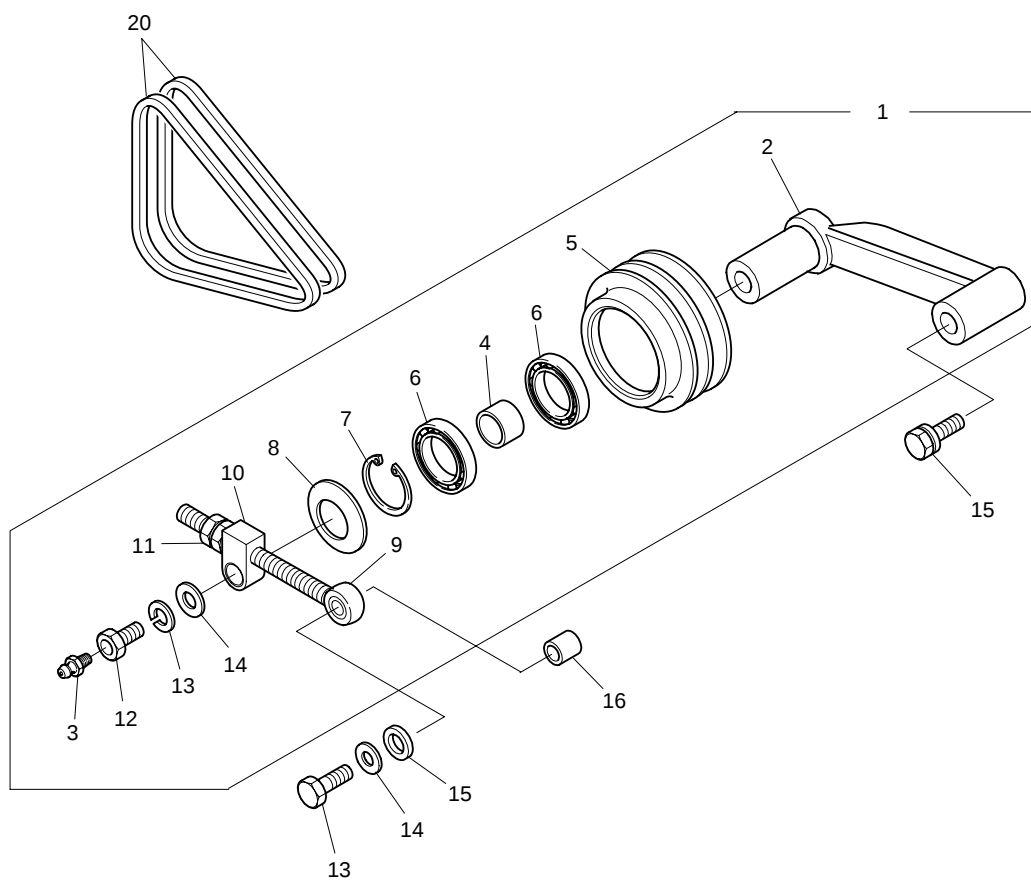


Fig.049 IDLE PULLEY

Key No.	Part No.		Description	(Q ty)						S.C	ICA	Serial No.	Remarks
				V 158 TI	AD 158 TI	V 180 TI	AD 180 TI	V 222 TI	AD 222 TI				
049-1	65.95800-7019		IDLE PULLEY ASS'Y	1	1	1	1	1	1				
2	65.95840-0088		BRACKET	1	1	1	1	1	1				
3	06.38013-0101		NIPPLE ; GREASE	1	1	1	1	1	1				
4	65.91701-0080		SPACER	1	1	1	1	1	1				
5	65.95820-0024		PULLEY	1	1	1	1	1	1				
6	06.31440-0913		BEARING ; BALL 6305Z	2	2	2	2	2	2				
7	06.29020-0136		RING ; SNAP	1	1	1	1	1	1				
8	65.91701-0182		SPACER	1	1	1	1	1	1				
9	65.90441-0015		BOLT ; EYE	1	1	1	1	1	1				
10	65.19107-0004	가	PIECE ; GUIDE	1	1	1	1	1	1				
11	65.90620-0030		NUT ; SLOTTED	1	1	1	1	1	1				
12	65.98130-0116		ADAPTER	1	1	1	1	1	1				
13	06.16731-2109		WASHER ; SPRING A12	1	1	1	1	1	1				
14	06.15010-2312		WASHER ; PLAIN 10.5	1	1	1	1	1	1				
15	06.01013-9320		BOLT ; HEX. M12×75	1	1	1	1	1	1				
16	65.91701-0159		SPACER	1	1	1	1	1	1				
17	06.01013-9324		BOLT ; HEX. M12×95	1	1	1	1	1	1				
18	06.16731-2109		WASHER ; SPRING A12	1	1	1	1	1	1				
19	06.15010-2312		WASHER ; PLAIN A12	1	1	1	1	1	1				
20	65.96801-0095	V-	V-BELT L=1260	1	1	-	-	-	-				
-	65.96801-0018	V-	V-BELT L=1275	-	-	1	1	1	1				