



Parts Book

Propulsion Engine

V158T1, V180T1, V222T1

Auxiliary Engine

AD158T1, AD180T1, AD222T1

FOREWORD

●This parts list is shown the equipment components parts of 『DOOSAN Propulsion Engine **V158TI**, **V180TI**, **V222TI**, and Auxiliary Engine **AD158TI**, **AD180TI**, **AD222TI**』.

1. HOW TO ORDER PARTS

When ordering parts, please specify the following items as shown in the following example.

- Ex. 1) Model of Machine : V158TI — Shown on cylinder block
 2) Machine Serial No. : EBZKM300001
 3) Part No. : 65.02101-7498
 4) Description : Crank shaft ass'y
 5) Q'ty : 1
 6) Purchaser's Name and Address:

2. HOW TO USE THIS PARTS LIST

- Key No. : Key No. Shows the referring number of illustration.
 Parts No. : Part No. is it's own number.
 Description : Part name. There is printed information such as size, specification with the part name or not. Components parts of one assembling part are shown with 『·』 mark and shown below of an assembling part. Also, if the components parts marked 『·』 consist of further components parts, these further component parts are with 『· ·』
 Q'ty : "Q'ty" shows the quantity used for one machine, however "Q'ty" of component parts shows the quantity used for one assembling part.
 S.C : Abbreviation is service code of parts has its own meaning as shown below.
 B : The parts with this abbreviation show that they require some work on them before installing in the machine.
 D : The part with this abbreviation is a component of an assembling part and is not available independently. The assembling part containing this part should be orderd.
 R : The part with this abbreviation shows that the quantity of the part is changed depending on the machine, such as an adjusting shim etc.
 S : This part is specially provided as a service part, which was not provided in the machine before shipping from the factory.
 G : This part needs special care(grade control) to perform the maintenance job. Before order, the grade of the part should be confirmed(It should be same with the grade of matching part.)
 OP : Optional parts.
 EX : Specific design parts.
 OS : Over-sized parts.
 US : Under-sized parts.
 (Part with abbreviation "OS" or "US" is described on the line below the standard sized part).
 ***** : The part with this abbreviation is not supplied for A/S.
 I C A : ICA shows the interchangeability between the original and the improved parts. The improved part shows below the original part and with same key No. (key No.shows by 『-』.)
 Abbreviations used in this column are as follows ;
 Y : This part with "Y" in the ICA column can be used original and improved part.
 O : This part with "O" in the ICA column can not use improved part, use only this part.
 C : This part with "C" in the ICA column can be used instead of improved part but not vice versa.
 N : This part with "N" in the ICA column can not use interchange, use only part of Serial No.
 Serial No. : Serial No. shows the machine serial number which the parts were applied. Parts without any applicable serial number are used in every machine.

●When repairing, it is recommended to use our standard parts.

●Researching the parts from Part No., see the Parts Index in finish of this parts list.

●Parts may be altered in a constant effort to improve machines. Then, it is recommended that customers contact our after service center.

May. 2003.

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Fig.001 CYLINDER BLOCK

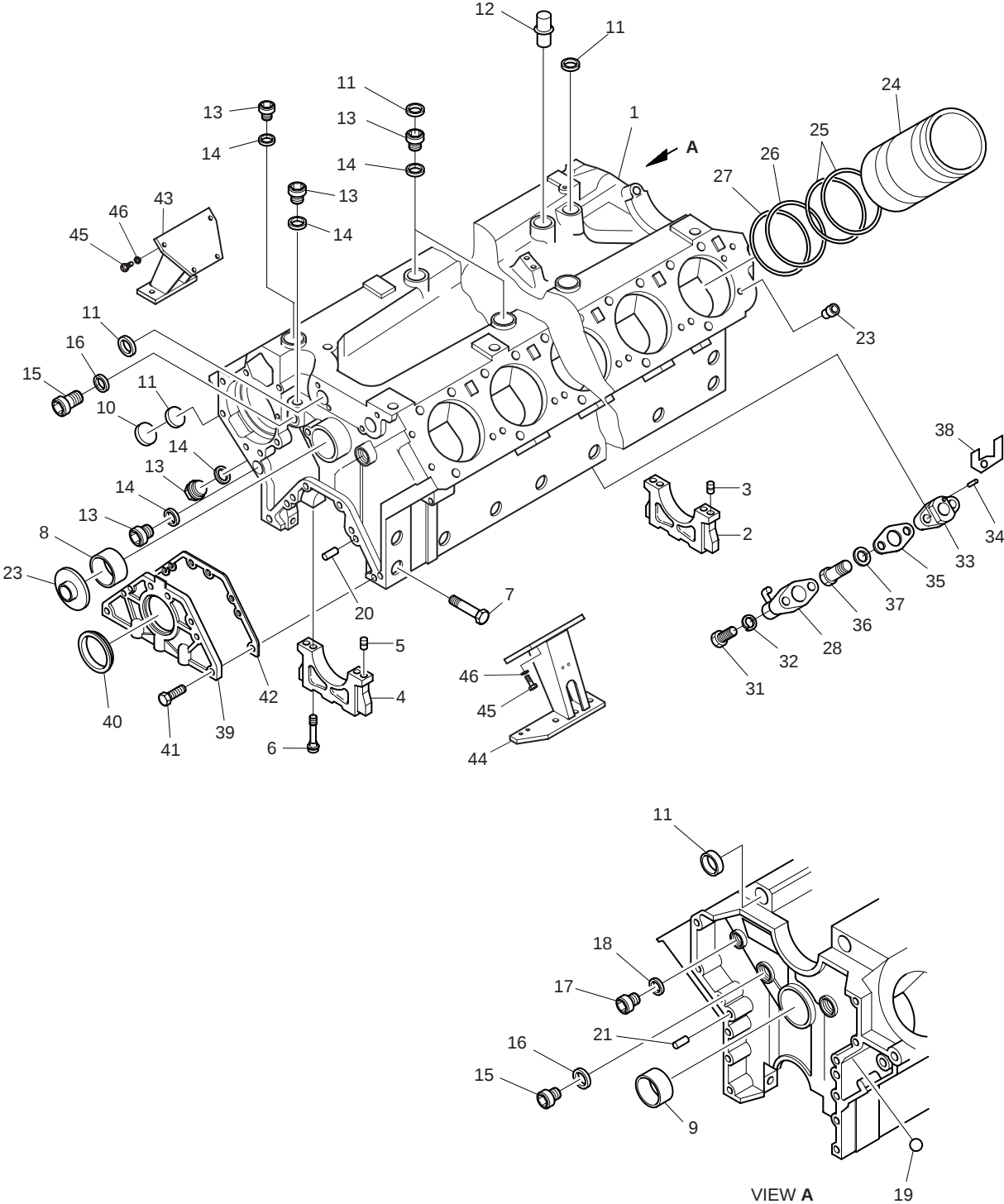


Fig.001 CYLINDER BLOCK

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				
-	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 8H8x18	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. M12x1.5x85	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 M26x1.5	6	6	5	5	8	8				
14	06.56190-0726	RING ; SEAL 26x31	6	6	5	5	8	8				
15	65.90310-0134	SCREW ; PLUG	2	2	4	4	4	4				
16	06.56190-0732	RING ; SEAL A30x36	2	2	4	4	4	4				
17	65.90310-0131	SCREW ; PLUG	1	1	1	1	1	1				
18	06.56190-0713	RING ; SEAL A18x24	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 8M6x24	2	2	2	2	2	2				
21	06.22022-3563	PIN ; DOWEL 16H8x24	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-RING	16	16	20	20	24	24				
26	51.96501-0412	O-RING	8	8	10	10	12	12				
27	65.96501-0078	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 A14x20	1	1	1	1	1	1				
31	65.90001-0129	BOLT ; HEX. M6x28	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	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 A14x20	8	8	10	10	12	12				

Fig.001 CYLINDER BLOCK

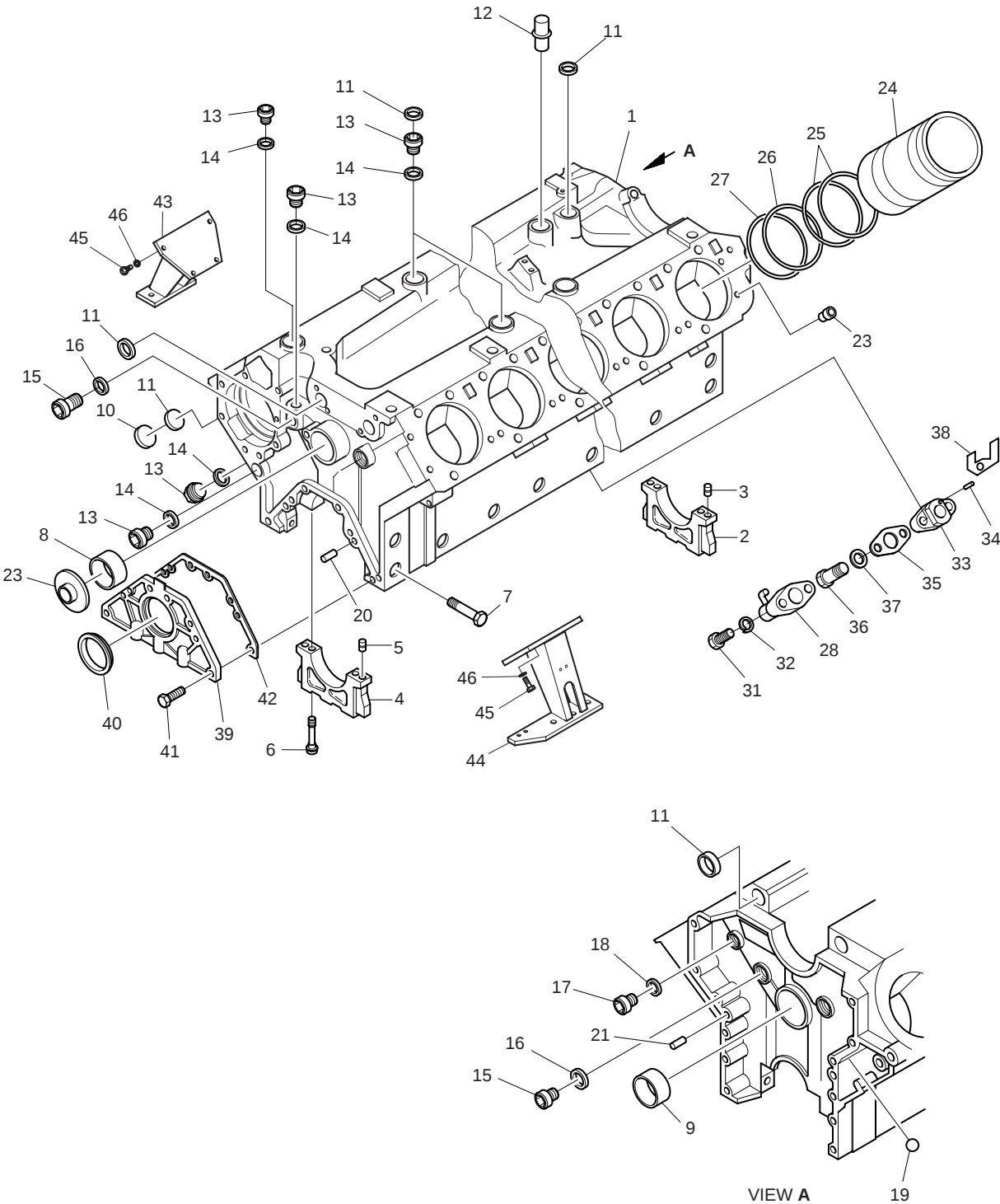


Fig.001 CYLINDER BLOCK

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				
38	65.01803-0007	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 M8x28	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. M12x1.75x35	8	8	8	8	8	8				
46	06.16731-2109	WASHER ; SPRING A12	1	1	1	1	1	1				

Fig.002 FLYWHEEL HOUSING

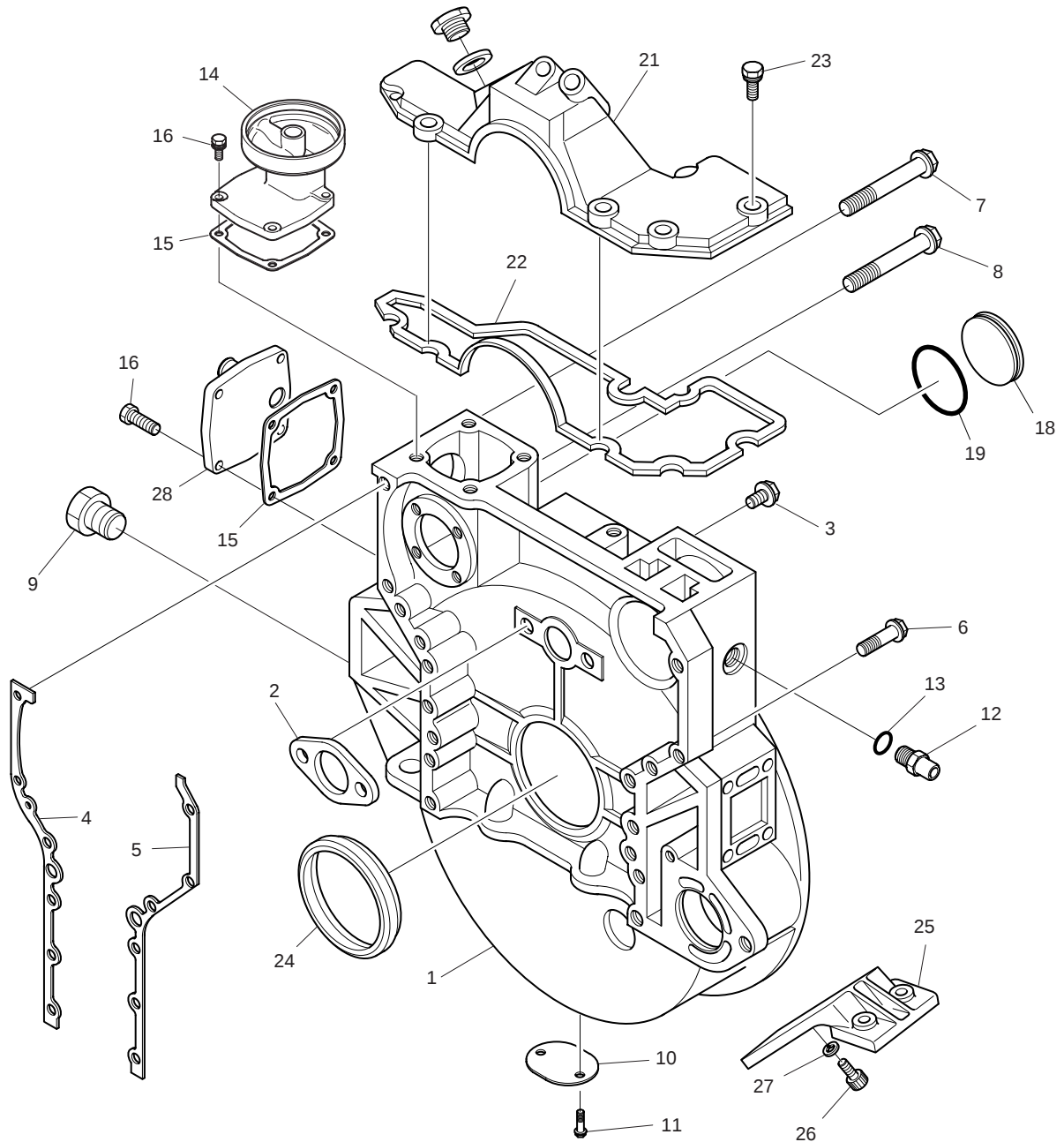


Fig.002 FLYWHEEL HOUSING

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				
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	GASKET ; FLYWHEEL HOUSING	1	1	1	1	1	1				
5	65.01903-0201	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 M8x25	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	GASKET	2	2	2	2	2	2				
16	06.01923-3117	BOLT ASS'Y M8x30	8	8	8	8	8	8				
18	65.01402-0008	COVER	1	1	1	1	1	1				
19	65.96501-0260A	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	GASKET ; FLYWHEEL HOUSING COVER	1	1	1	1	1	1				
23	06.01923-3117	BOLT ASS'Y M8x30	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

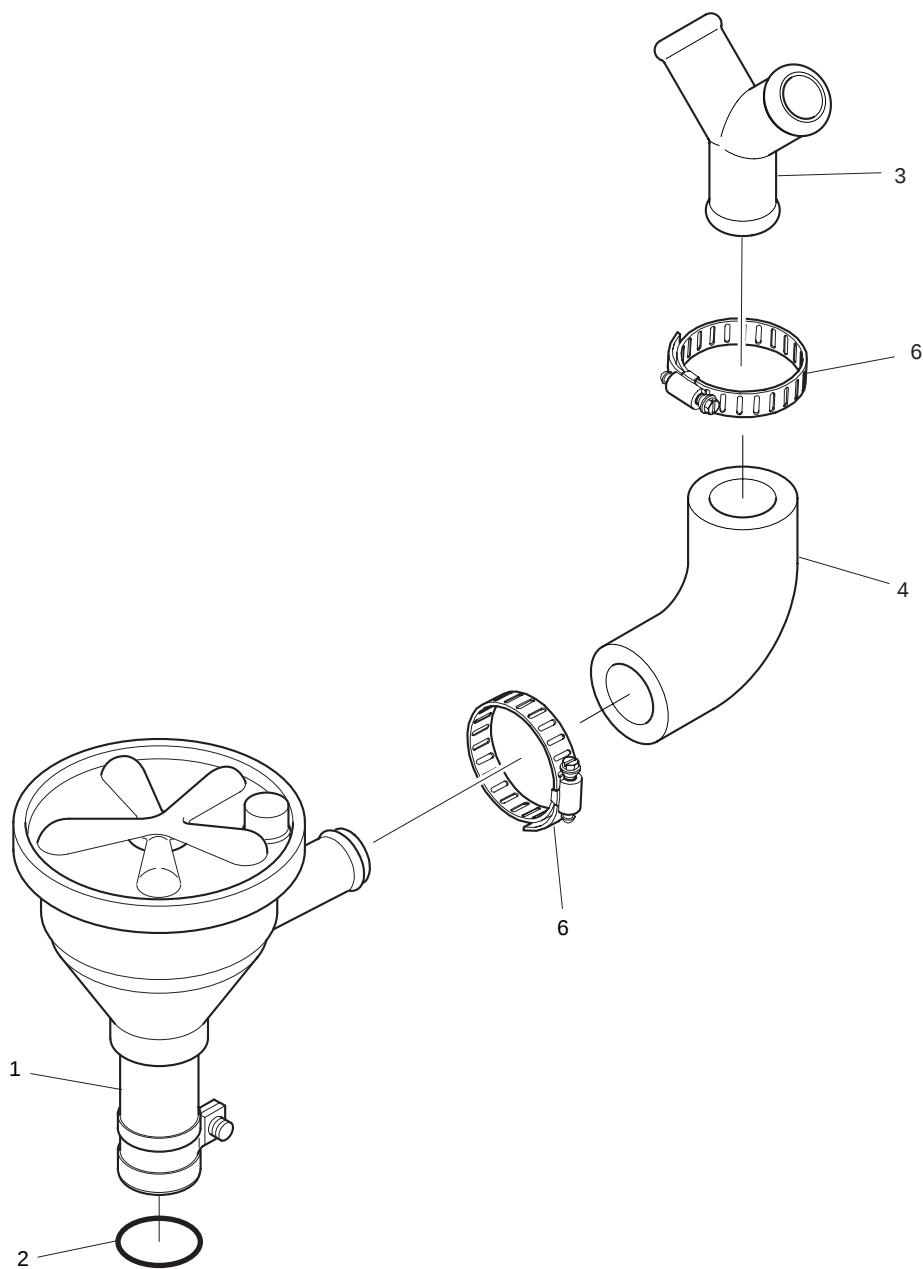


Fig.003 OIL SEPARATOR

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				
1	51.01804-7026	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 ; SILICON D28x80	1	1	1	1	1	1				
6	06.67020-0106	CLAMP ; HOSE	2	2	2	2	2	2				

Fig.004 CRANG SHAFT

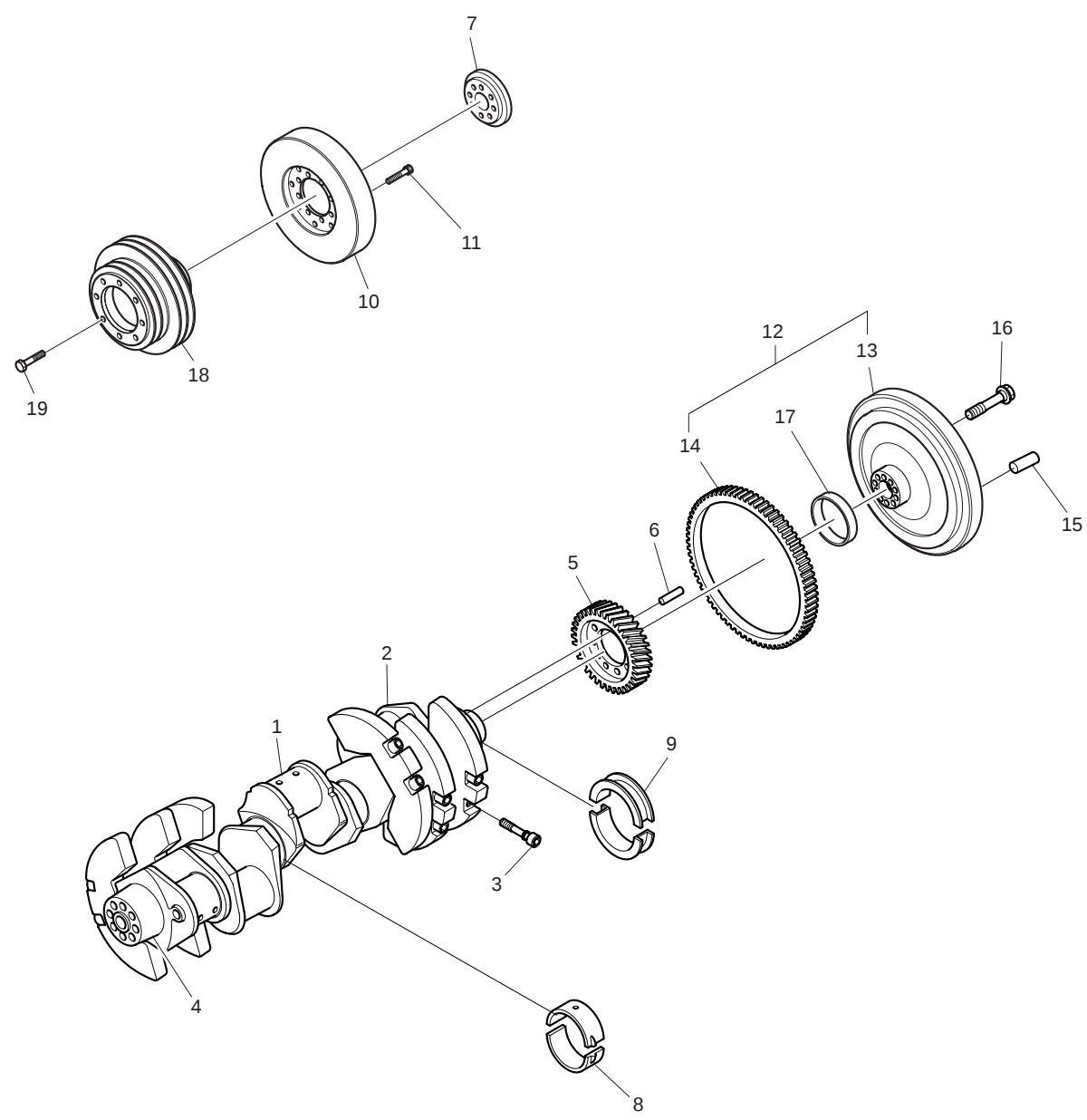


Fig.004 CRANG SHAFT

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				
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. M10x20	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.005 PISTON

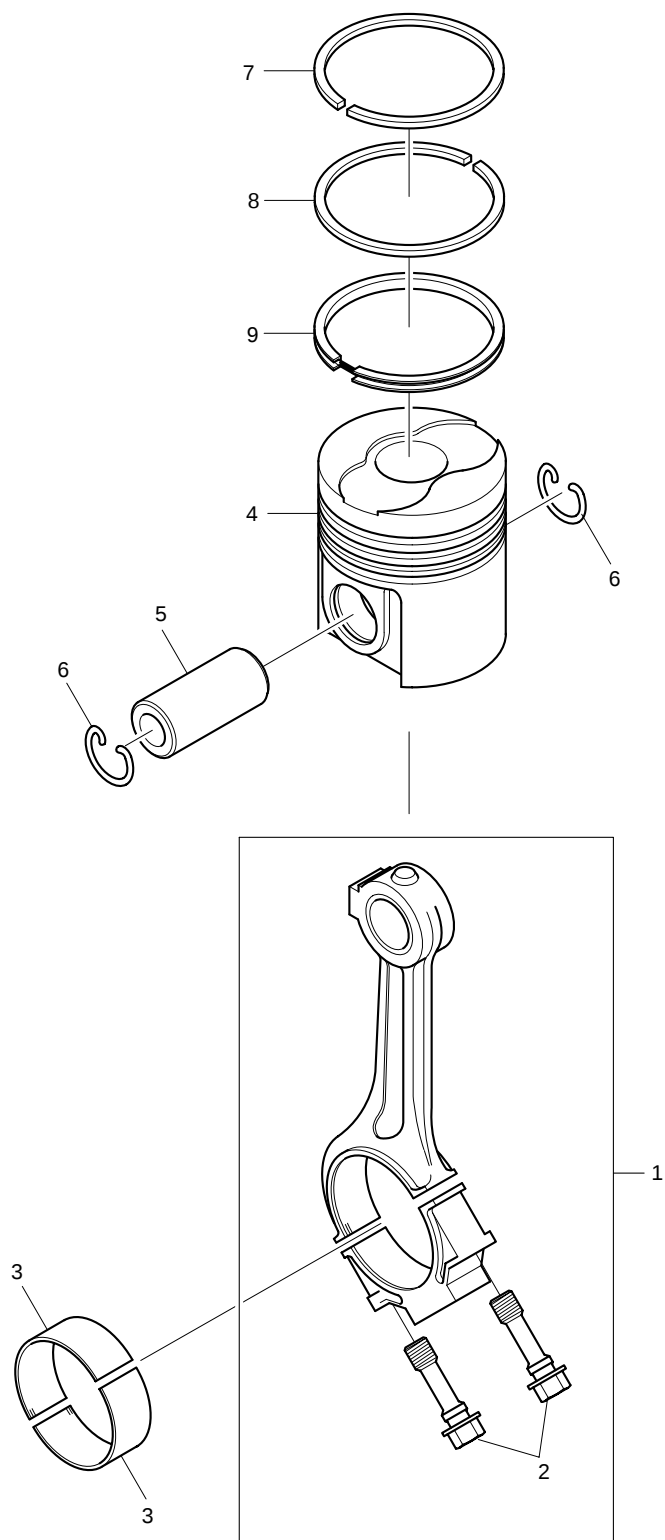


Fig.005 PISTON

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				
1	65.02401-6020	CON-ROD ASS'Y	8	8	10	10	12	12				
2	65.02411-0008	· · BOLT ; CONNECTING ROD	16	16	20	20	24	24				
3	65.02410-0100	BEARING ; CONNECTING 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	RING ; PISTON(TOP)	8	8	10	10	12	12				
8	51.02503-0661	RING ; PISTON(2ND)	8	8	10	10	12	12				
9	65.02503-0678	RING ; PISTON(OIL)	8	8	10	10	12	12				

Fig.006 CYLINDER HEAD

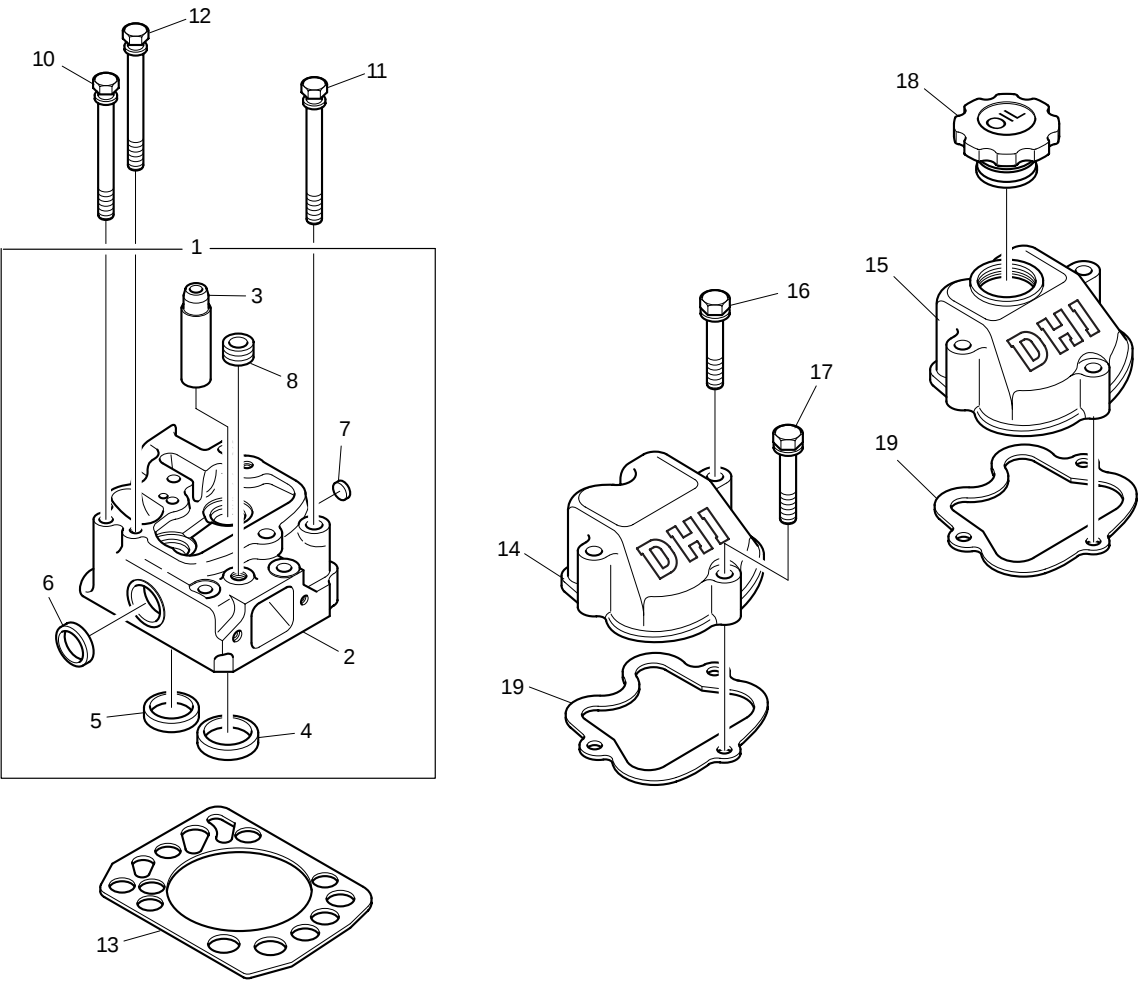


Fig.006 CYLINDER HEAD

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				
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	· 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 M22x1.5	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	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 M8x70	16	16	20	20	24	24				
17	06.01923-3120	BOLT ASS'Y M8x45	8	8	10	10	12	12				
18	65.01810-5007	FILLER CAP ASS'Y	1	1	1	1	1	1				
19	65.03905-0015B	GASKET ; CYLINDER HEAD COVER	8	8	10	10	12	12				

Fig.007 CAM SHAFT

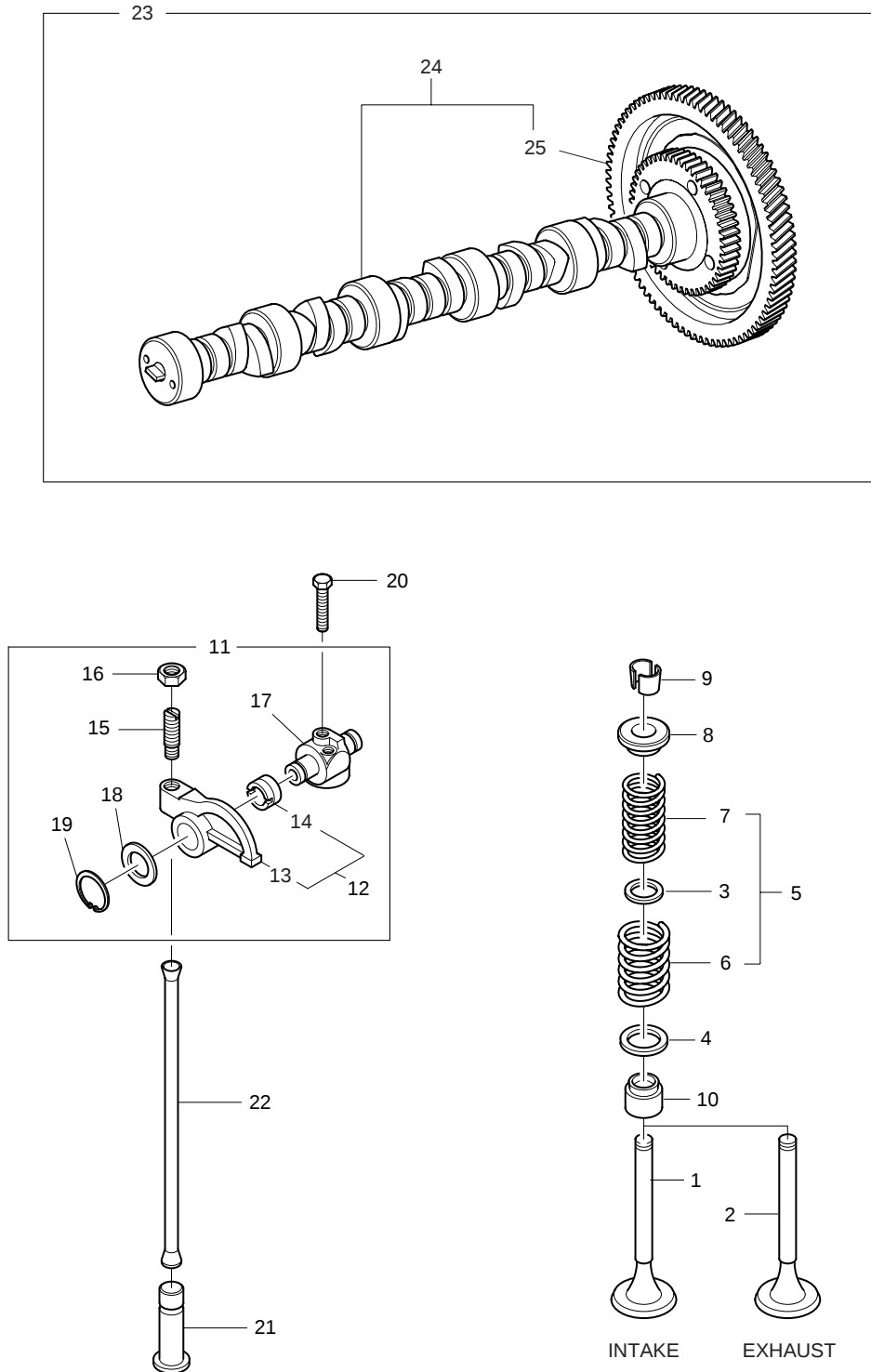


Fig.007 CAM SHAFT

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				
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	65.04200-6029	ROCKER ARM ASS'Y	8	8	10	10	12	12				
12	65.04201-5020	· · 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	· · RADIATOR BRACKET 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 24x1.2	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.008 OIL PUMP(1)

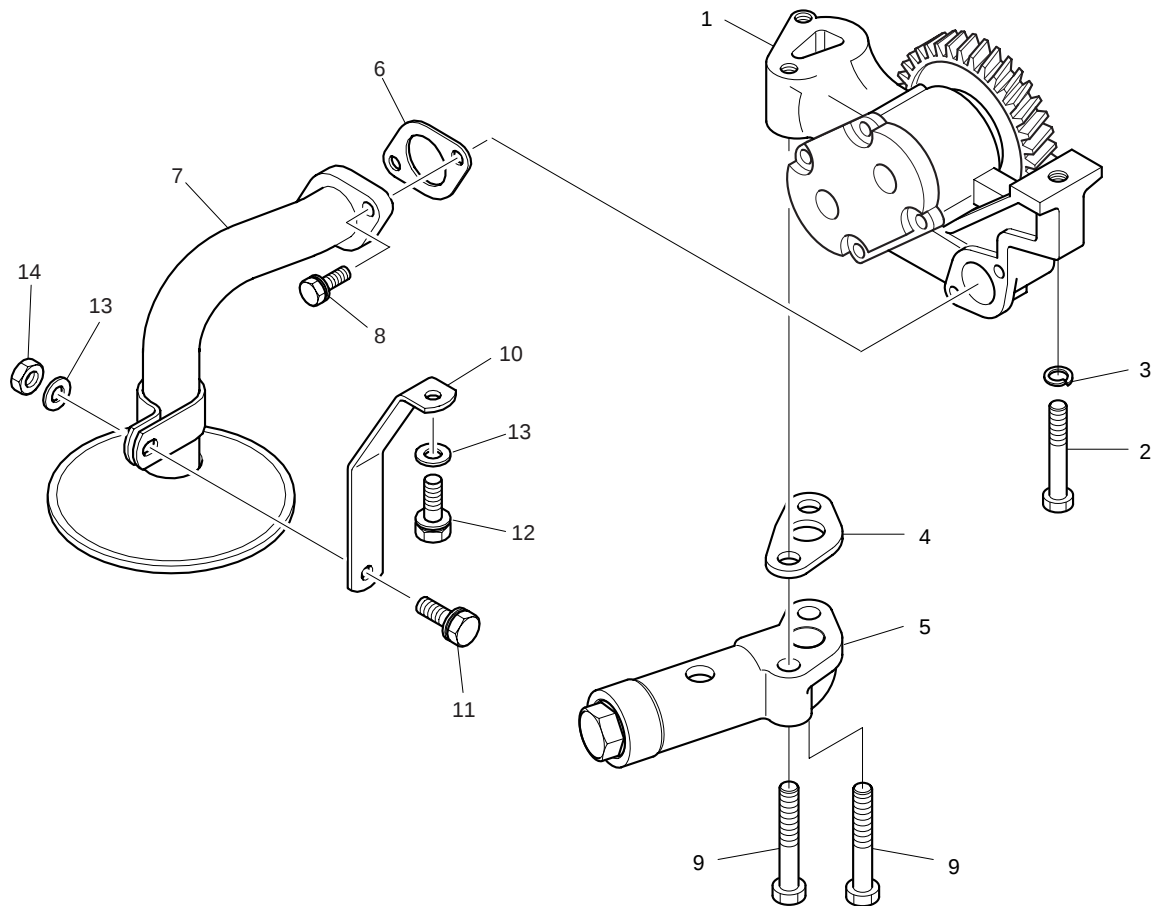


Fig.008 OIL PUMP(1)

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				
1	65.05100-6188	OIL PUMP ASS'Y	1	1	-	-	-	-				
2	06.01013-9116	BOLT ; HEX. M8x55	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 M10x25	1	1	-	-	-	-				
9	06.01913-3126	BOLT ASS'Y M8x75	2	2	-	-	-	-				
10	65.05740-0094	BRACKET ; OIL SUCTION PIPE	1	1	-	-	-	-				
11	06.01913-3114	BOLT ASS'Y M8x22	1	1	-	-	-	-				
12	06.01913-3113	BOLT ASS'Y M8x20	1	1	-	-	-	-				
13	06.15233-0150	WASHER	2	2	-	-	-	-				
14	06.11063-8214	NUT ; HEX. M8	1	1	-	-	-	-				

Fig.009 OIL PUMP(2)

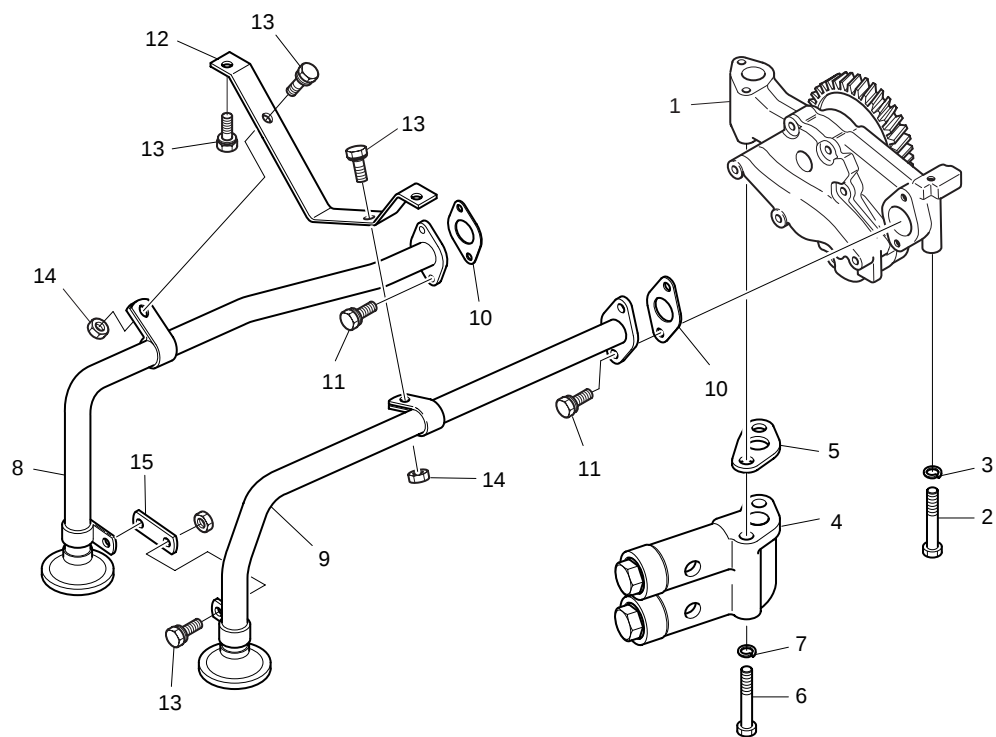


Fig.009 OIL PUMP(2)

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				
1	65.05100-6043A	OIL PUMP ASS'Y	-	-	1	1	1	1				
2	06.01013-9124	BOLT ; HEX. M8x95	-	-	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	GASKET ; RELIEF VALVE	-	-	1	1	1	1				
6	06.01013-9129	BOLT ; HEX. M8x140	-	-	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	GASKET	-	-	2	2	2	2				
11	06.01913-3115	BOLT ASS'Y M8x25	-	-	4	4	4	4				
12	65.05740-0093	BRACKET	-	-	1	1	1	1				
13	06.01913-3113	BOLT ASS'Y M8x20	-	-	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.010 OIL DRAIN PUMP(1)

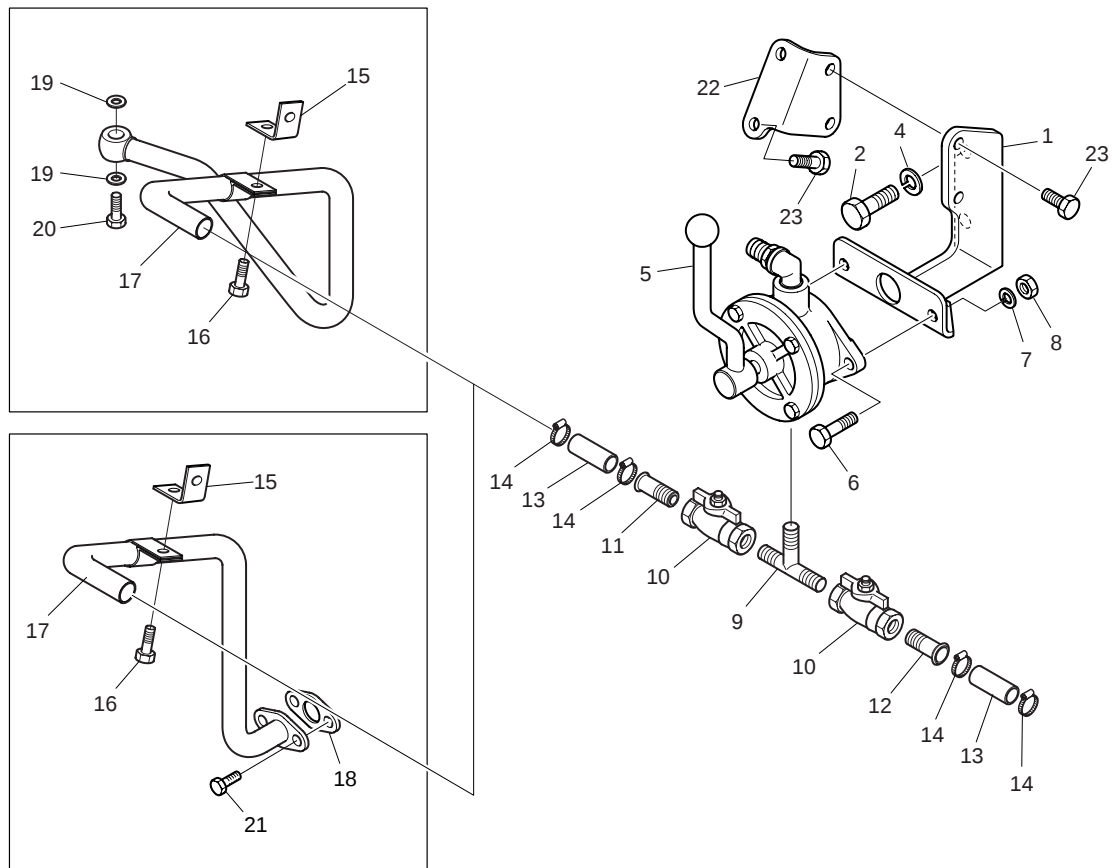


Fig.010 OIL DRAIN PUMP(1)

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				
1	65.05140-5001	BRACKET ; OIL DRAIN PUMP	1	-	1	-	1	-				
2	06.01493-4507	BOLT ; HEX. M16x1.5x50	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. M12x1.5x45	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-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	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	GASKET	1	-	-	-	-	-				
19	06.56190-0728	RING ; SEAL A26x32	-	-	2	-	2	-				
20	06.78147-2808	SCREW ; HOLLOW	-	-	1	-	1	-				
21	06.01913-3217	BOLT ASS'Y M10x30	2	-	-	-	-	-				
22	65.97480-0624	HOLDER	1	-	1	-	1	-				
23	06.01943-3317	BOLT ASS'Y M12x30	4	-	4	-	4	-				

Fig.011 OIL DRAIN PUMP(2)

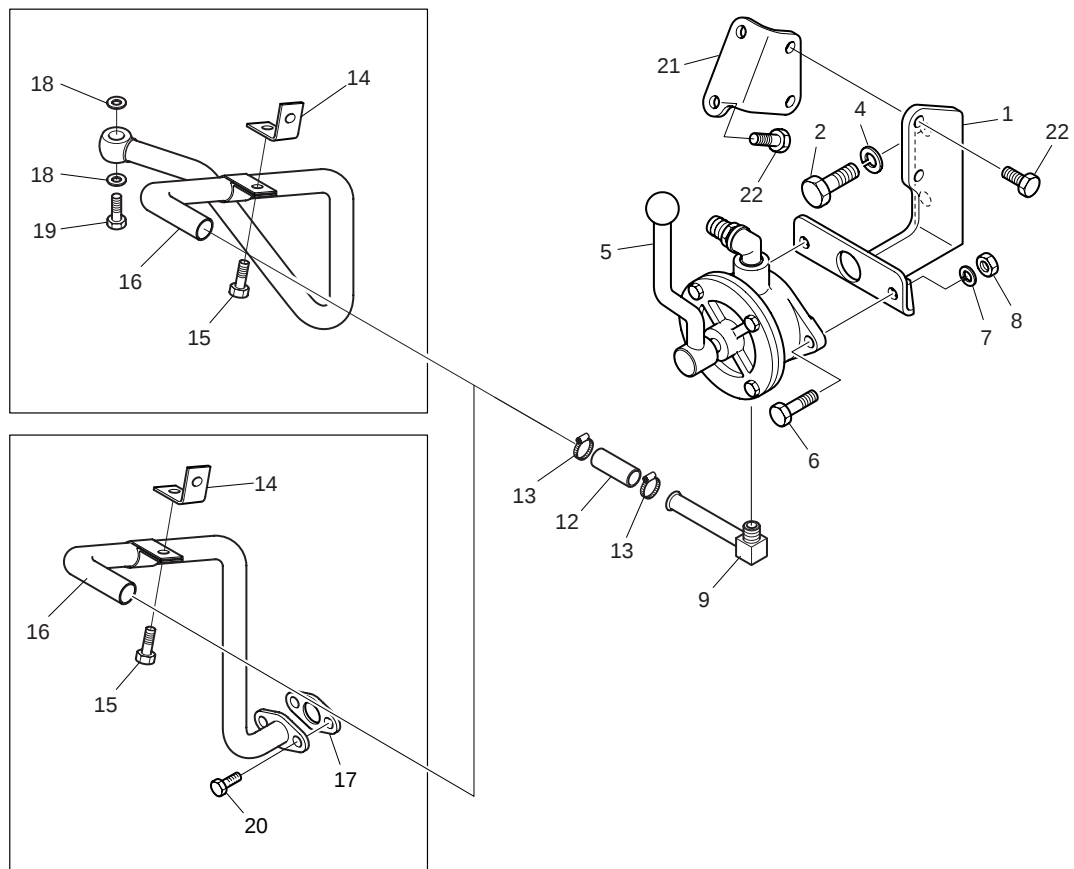


Fig.011 OIL DRAIN PUMP(2)

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				
1	65.05140-5001	BRACKET ; OIL DRAIN PUMP	-	1	-	1	-	1				
2	06.01493-4507	BOLT ; HEX. M16x1.5x50	-	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. M12x1.5x45	-	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	-	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	GASKET	-	1	-	-	-	-				
18	06.56190-0728	RING ; SEAL A26x32	-	-	-	2	-	2				
19	06.78147-2808	SCREW ; HOLLOW	-	-	-	1	-	1				
20	06.01913-3217	BOLT ASS'Y M10x30	-	2	-	-	-	-				
21	65.97480-0624	HOLDER	-	1	-	1	-	1				
22	06.01943-3317	BOLT ASS'Y M12x30	-	4	-	4	-	4				

Fig.012 OIL FILTER

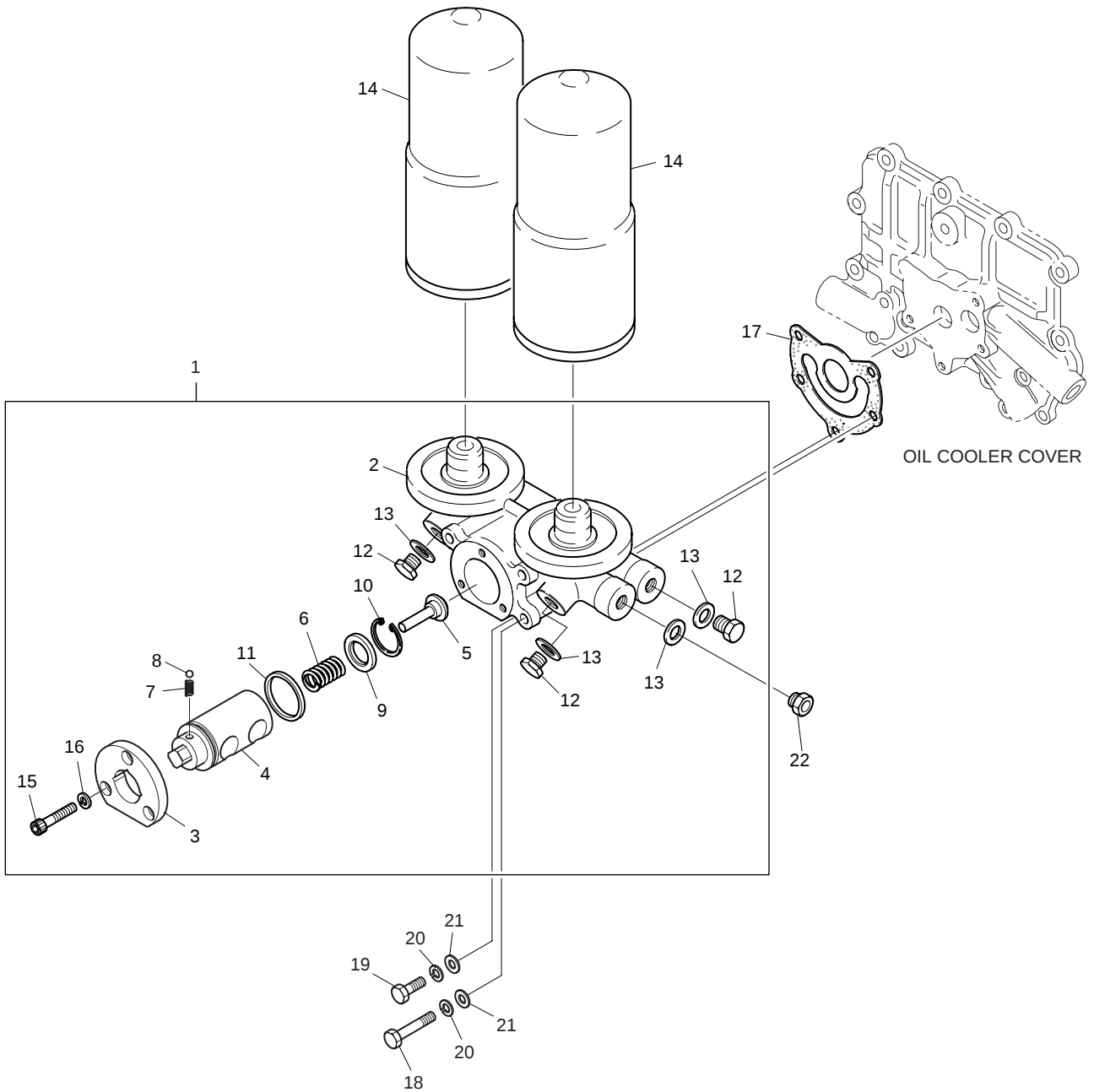


Fig.012 OIL FILTER

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				
1	65.05501-7048	OIL FILTER ASS'Y	1	1	1	1	1	1				
2	65.05503-0018	· · HEAD ; OIL FILTER	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 40x1.75	1	1	1	1	1	1				
11	06.56011-0521	· · O-RING	1	1	1	1	1	1				
12	06.08062-6208	· · SCREW ; PLUG M24x1.5	4	4	4	4	3	3				
13	06.56190-0722	· · RING ; SEAL 24x29	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	GASKET ; FILTER(COVER)	1	1	1	1	1	1				
18	06.01013-9237	BOLT ; HEX. M10x125	4	4	4	4	4	4				
19	06.01284-7223	BOLT ; HEX. M10x60	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.013 OIL COOLER(1)

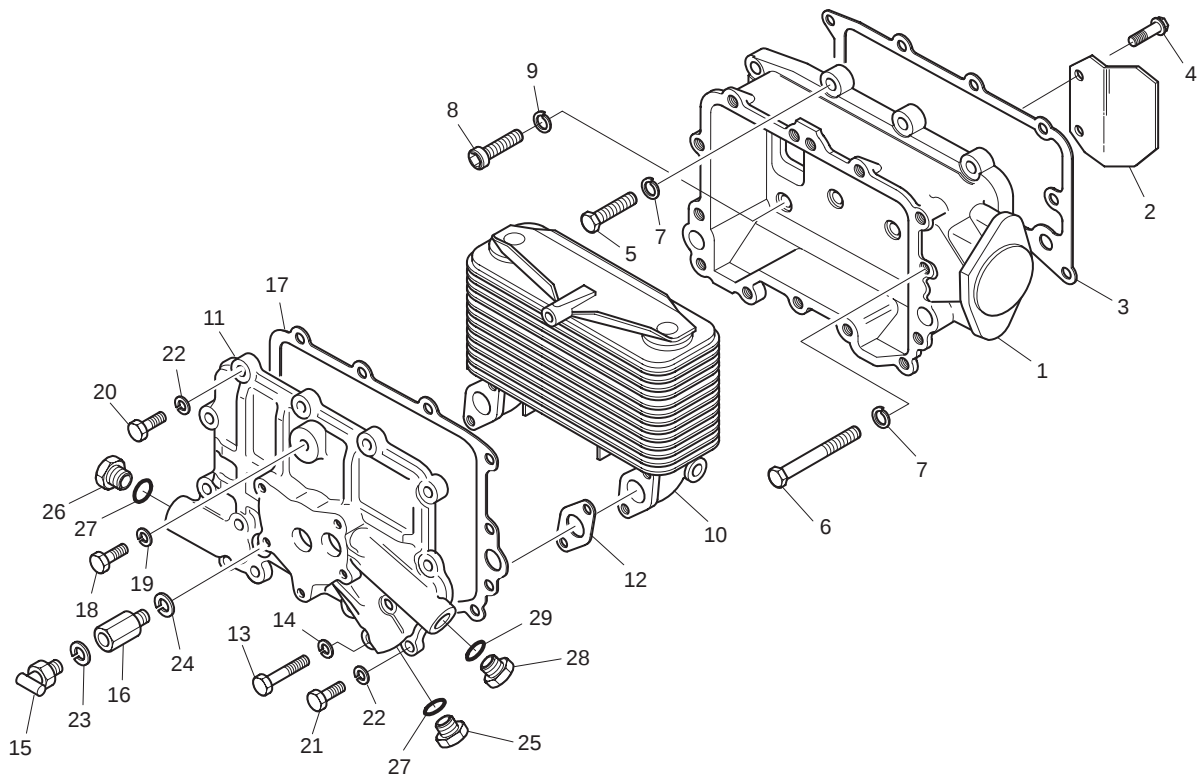


Fig.013 OIL COOLER(1)

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				
1	65.05604-0018	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. M8x20	2	2	2	2	-	-				
5	06.01284-7218	BOLT ; HEX. M10x35	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. M8x55	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. M8x16	1	1	1	1	-	-				
19	06.16044-0210	WASHER ; SPRING	1	1	1	1	-	-				
20	06.01284-7117	BOLT ; HEX. M8x30	12	12	12	12	-	-				
21	06.01284-7115	BOLT ; HEX. M8x25	1	1	1	1	-	-				
22	06.16044-0210	WASHER ; SPRING	13	13	13	13	-	-				
23	06.56190-0708	RING ; SEAL A16x22	1	1	1	1	-	-				
24	06.56190-0706	RING ; SEAL A14x20	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 26x31	2	2	2	2	-	-				
28	65.90310-0134	SCREW ; PLUG	1	1	1	1	-	-				
29	06.56190-0732	RING ; SEAL 30x36	1	1	1	1	-	-				

Fig.014 OIL COOLER(2)

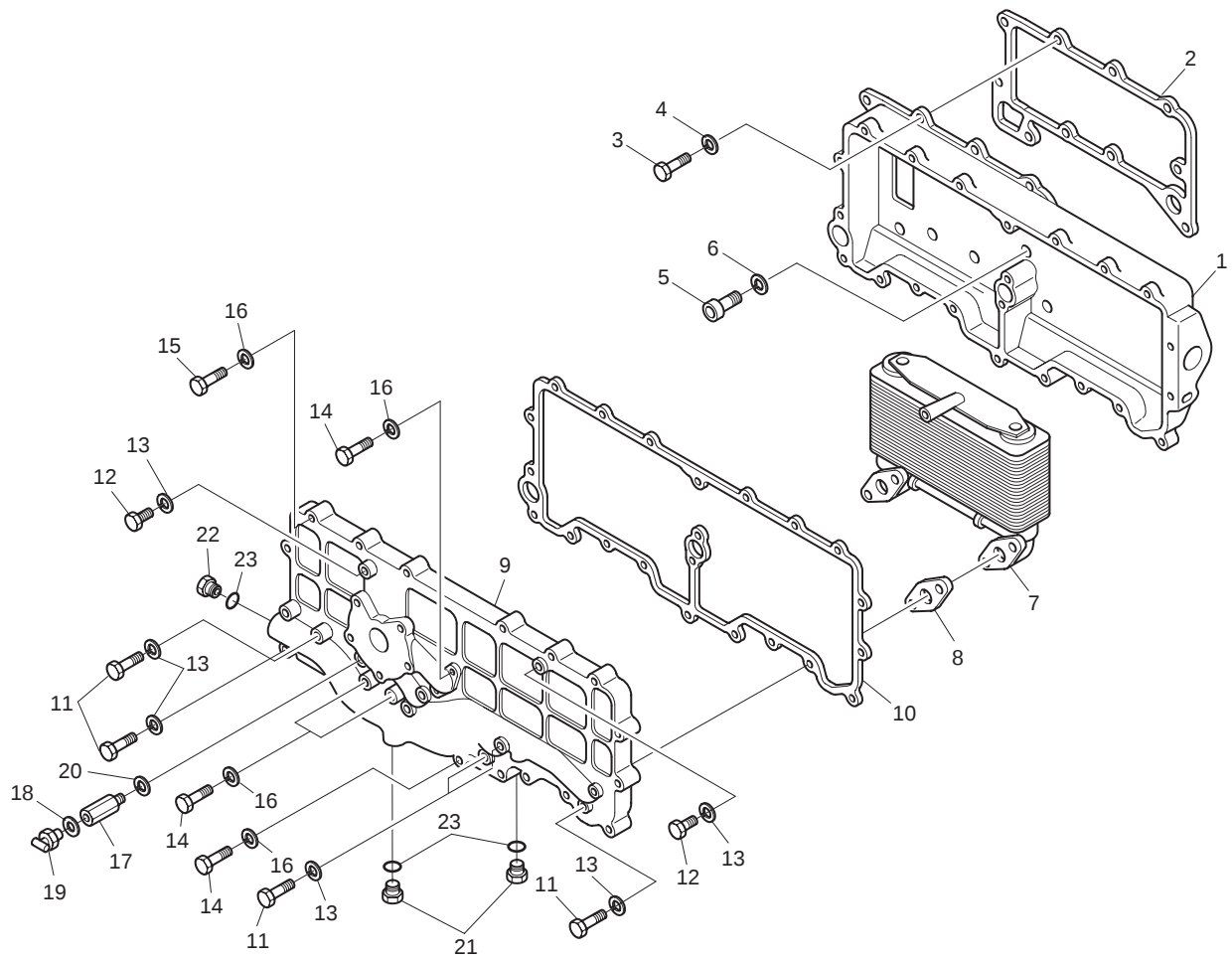


Fig.014 OIL COOLER(2)

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				
1	65.05604-0023	HOUSING ; OIL COOLER	-	-	-	-	1	1				
2	65.05901-0014	GASKET ; OIL COOLER	-	-	-	-	1	1				
3	06.01284-7218	BOLT ; HEX. M10x35	-	-	-	-	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	GASKET	-	-	-	-	4	4				
9	65.05605-0035	COVER ; OIL COOLER HOUSING	-	-	-	-	1	1				
10	65.05902A0041	GASKET ; OIL COOLER HOUSING	-	-	-	-	1	1				
11	06.01013-9116	BOLT ; HEX. M8x55	-	-	-	-	8	8				
12	06.01283-7111	BOLT ; HEX. M8x16	-	-	-	-	2	2				
13	06.16044-0210	WASHER ; SPRING	-	-	-	-	10	10				
14	06.01913-3123	BOLT ; HEX. M8x60	-	-	-	-	5	5				
15	06.01283-7118	BOLT ; HEX. M8x35	-	-	-	-	17	17				
16	06.16044-0210	WASHER ; SPRING	-	-	-	-	22	22				
17	65.98130-0178	ADAPTER	-	-	-	-	1	1				
18	06.56190-0706	RING ; SEAL A14x20	-	-	-	-	1	1				
19	60.98201-7009	VALVE ; DRAIN	-	-	-	-	1	1				
20	06.56190-0708	RING ; SEAL A16x22	-	-	-	-	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 26x31	-	-	-	-	3	3				

Fig.015 OIL PIPE

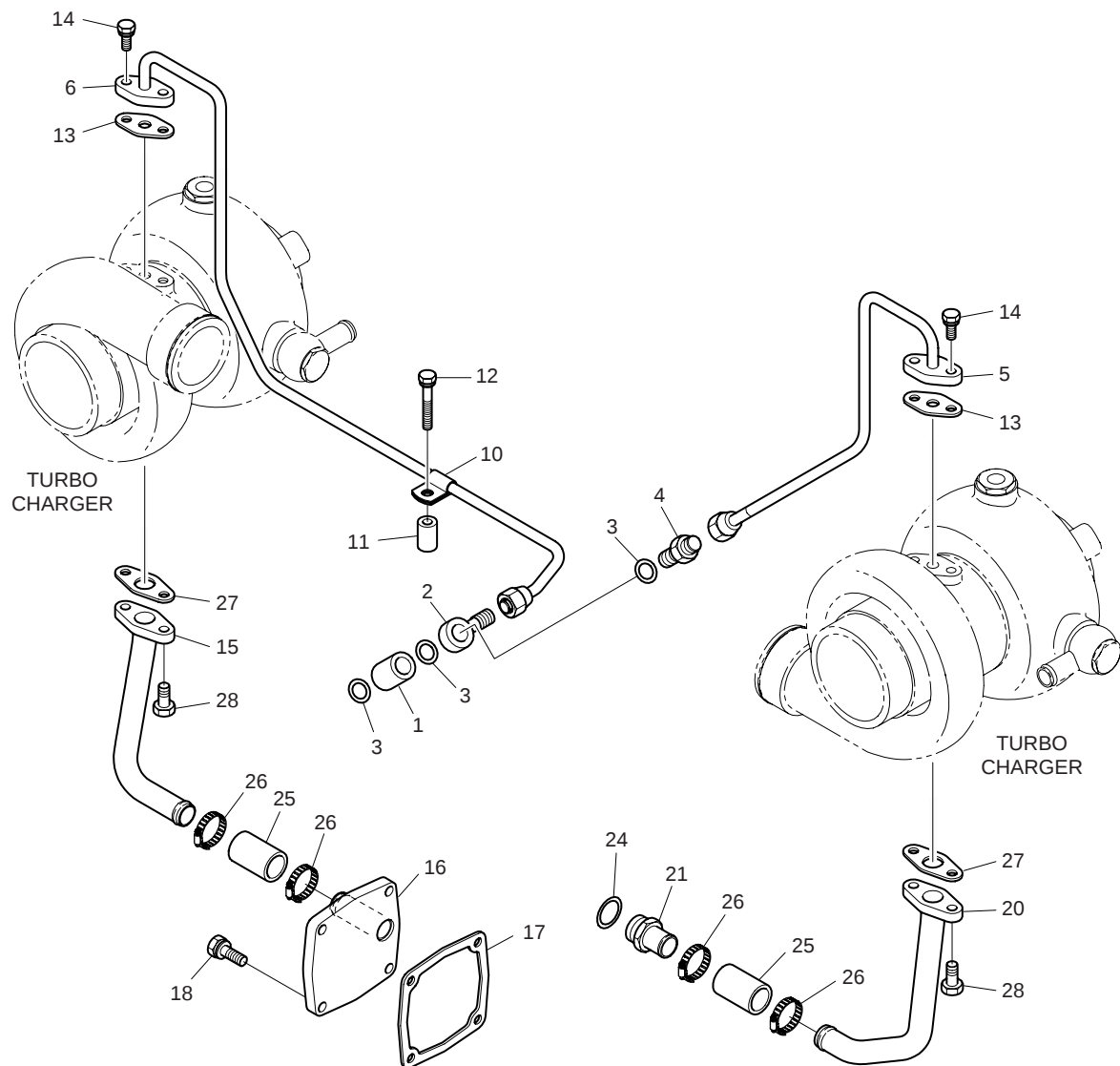


Fig.015 OIL PIPE

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				
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 A14x20	3	3	3	3	3	3				
4	65.98150-0044A	SCREW ; HOLLOW	1	1	1	1	1	1				
5	65.05701-5962A	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 M8x55	1	1	1	1	1	1				
13	65.96601A0241	GASKET ; OIL PIPE ADAPTER	2	2	2	2	2	2				
14	06.01913-3144	BOLT ASS'Y M8x22	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				
16	65.01402-5023	COVER	1	1	1	1	1	1				
17	65.54901-0022	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	1	1	1	1	1	1				
-	65.05701-5963	PIPE ; OIL	-	-	-	-	-	1				
21	65.98131-0071	SCREW ; CONNECTION	1	1	1	1	1	1				
24	06.56190-0728	RING ; SEAL A26x32	1	1	1	1	1	1				
25	65.96301-0327	HOSE ; RUBBER	2	2	2	2	2	2				
26	65.97440-0103	CLAMP ; HOSE	4	4	4	4	4	4				
27	65.96601A0240	GASKET ; T/C OIL RETURN	2	2	2	2	2	2				
28	06.01913-3214	BOLT ; HEX. M10x22	4	4	4	4	4	4				

Fig.016 OIL PAN(1)

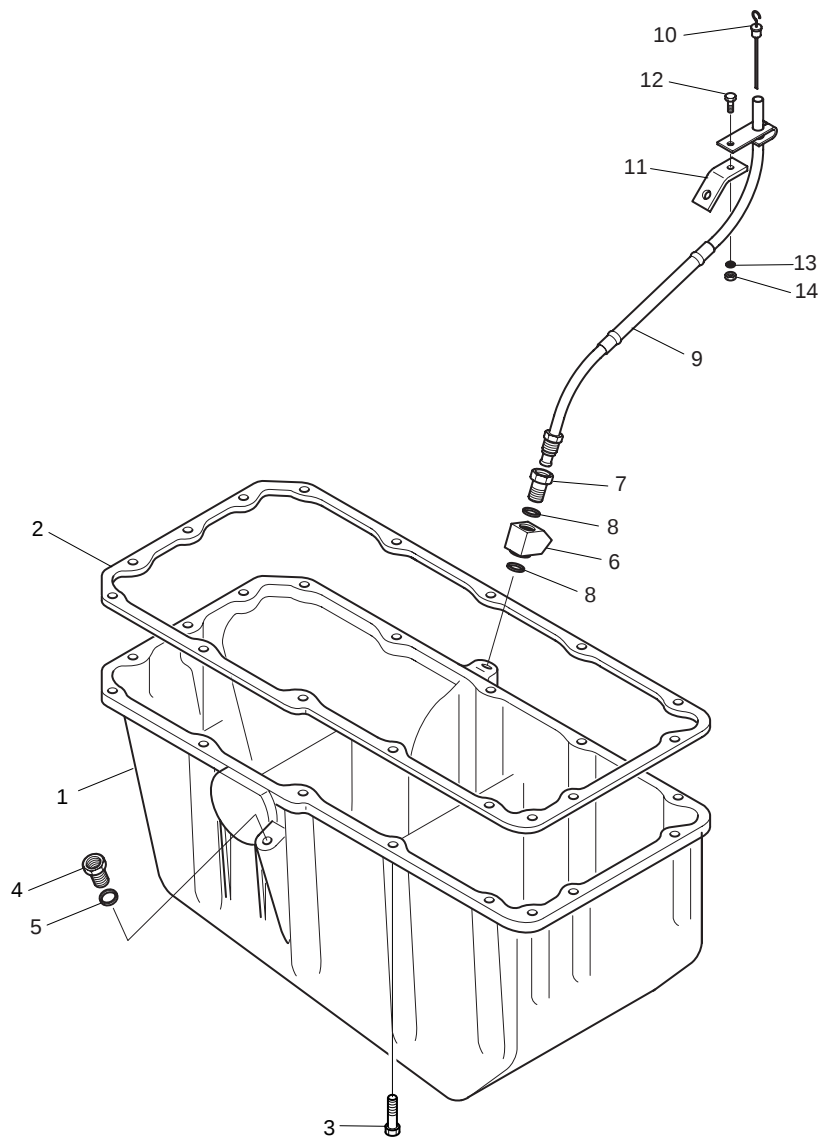


Fig.016 OIL PAN(1)

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				
1	65.05801-5213	OIL PAN ASS'Y	1	1	-	-	-	-				
-	65.05801-5214	OIL PAN ASS'Y	-	-	1	1	-	-				
2	65.05904A0092	GASKET ; OIL PAN	1	1	-	-	-	-				
-	65.05904A0093	GASKET ; OIL PAN	-	-	1	1	-	-				
3	06.01933-3118	BOLT ASS'Y M8x35	16	16	18	18	-	-				
4	65.98130-0132A	ADAPTER	1	1	1	1	-	-				
5	06.56190-0713	RING ; SEAL A18x24	1	1	1	1	-	-				
6	65.98130-0133A	ADAPTER	1	1	1	1	-	-				
7	65.98150-0075A	SCREW ; HOLLOW	1	1	1	1	-	-				
8	06.56190-0713	RING ; SEAL A18x24	2	2	2	2	-	-				
9	65.05806-6084	TUBE ; GUIDE	1	1	1	1	-	-				
10	65.05805-5206A	GAUGE ; OIL LEVEL	1	1	-	-	-	-				
-	65.05805-5207A	GAUGE ; OIL LEVEL	-	-	1	1	-	-				
11	65.97480-0197	HOLDER	1	1	1	1	-	-				
12	06.01283-6913	BOLT ; HEX. M6x20	1	1	1	1	-	-				
13	06.16731-2105	WASHER ; SPRING A6	1	1	1	1	-	-				
14	06.11063-8212	NUT ; HEX. M6	1	1	1	1	-	-				

Fig.017 OIL PAN(2)

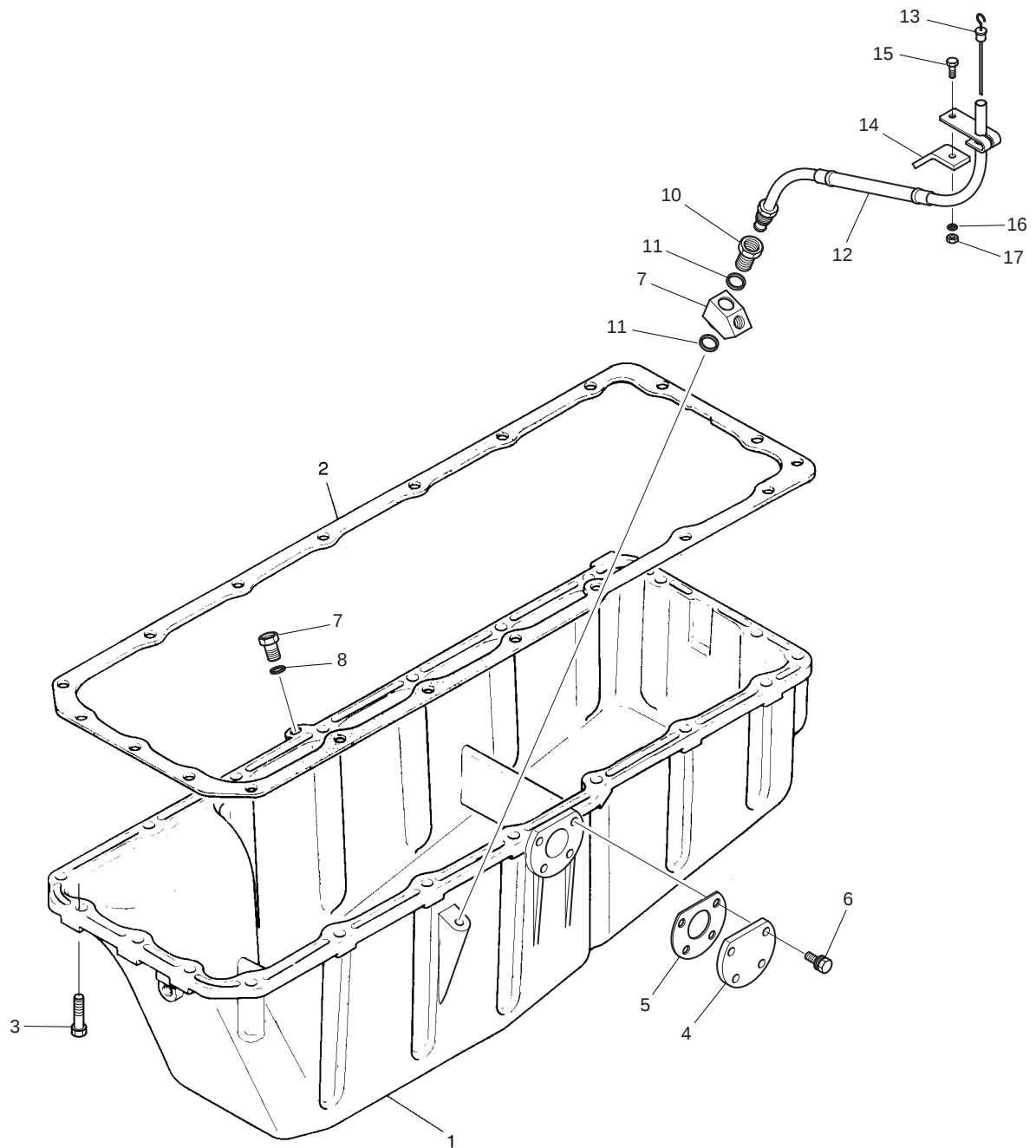


Fig.017 OIL PAN(2)

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				
1	65.05801-5215	OIL PAN ASS'Y	-	-	-	-	1	1				
2	65.05904A0105	GASKET ; OIL PAN	-	-	-	-	1	1				
3	06.01933-3118	BOLT ASS'Y M8x35	-	-	-	-	20	20				
4	65.98112-0031	COVER ; OIL PAN	-	-	-	-	1	1				
5	65.05901A0019	GASKET ; BY-PASS FILTER	-	-	-	-	1	1				
6	06.01913-3217	BOLT ASS'Y M10x30	-	-	-	-	4	4				
7	65.98130-0132A	ADAPTER	-	-	-	-	1	1				
8	06.56190-0713	RING ; SEAL A18x24	-	-	-	-	1	1				
9	65.98130-0133A	ADAPTER	-	-	-	-	1	1				
10	65.98150-0075A	SCREW ; HOLLOW	-	-	-	-	1	1				
11	06.56190-0713	RING ; SEAL A18x24	-	-	-	-	2	2				
12	65.05806-6084	TUBE ; GUIDE	-	-	-	-	1	1				
13	65.05805-5207A	GAUGE ; OIL LEVEL	-	-	-	-	1	1				
14	65.97480-0197	HOLDER	-	-	-	-	1	1				
15	06.01283-6913	BOLT ; HEX. M6x20	-	-	-	-	1	1				
16	06.16731-2105	WASHER ; SPRING A6	-	-	-	-	1	1				
17	06.11063-8212	NUT ; HEX. M6	-	-	-	-	1	1				

Fig.018 OIL BY-PASS FILTER

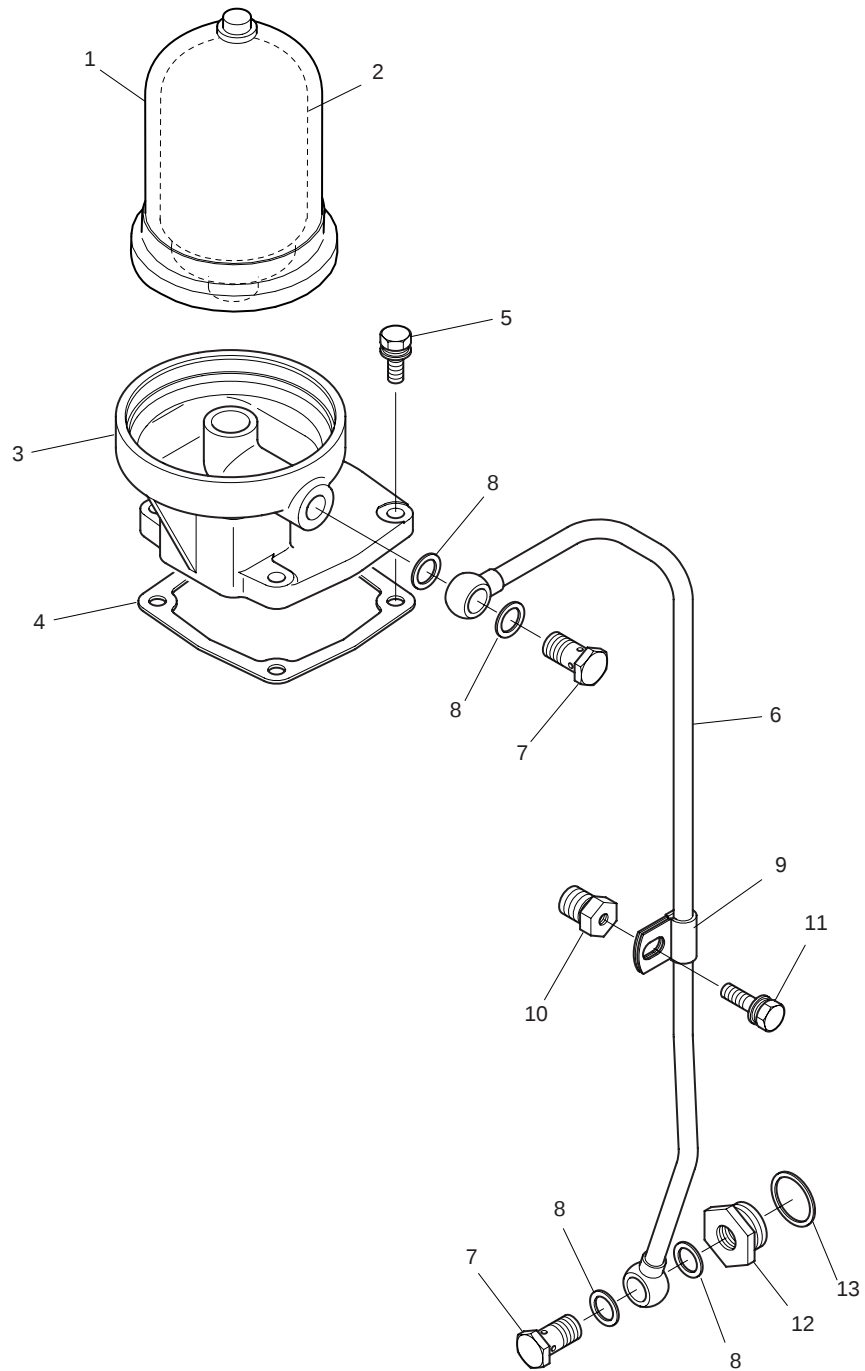


Fig.018 OIL BY-PASS FILTER

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				
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	GASKET ; BY-PASS FILTER	1	1	1	1	1	1				
5	06.01923-3117	BOLT ASS'Y M8x30	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 A14x20	4	4	4	4	4	4				
9	65.97401-0110A	CLIP ; PIPE	1	1	1	1	1	1				
10	65.91701-0189A	SPACER	1	1	1	1	1	1				
11	06.01923-3110	BOLT ASS'Y M8x12	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 26x31	1	1	1	1	1	1				

Fig.019 HEAT EXCHANGER

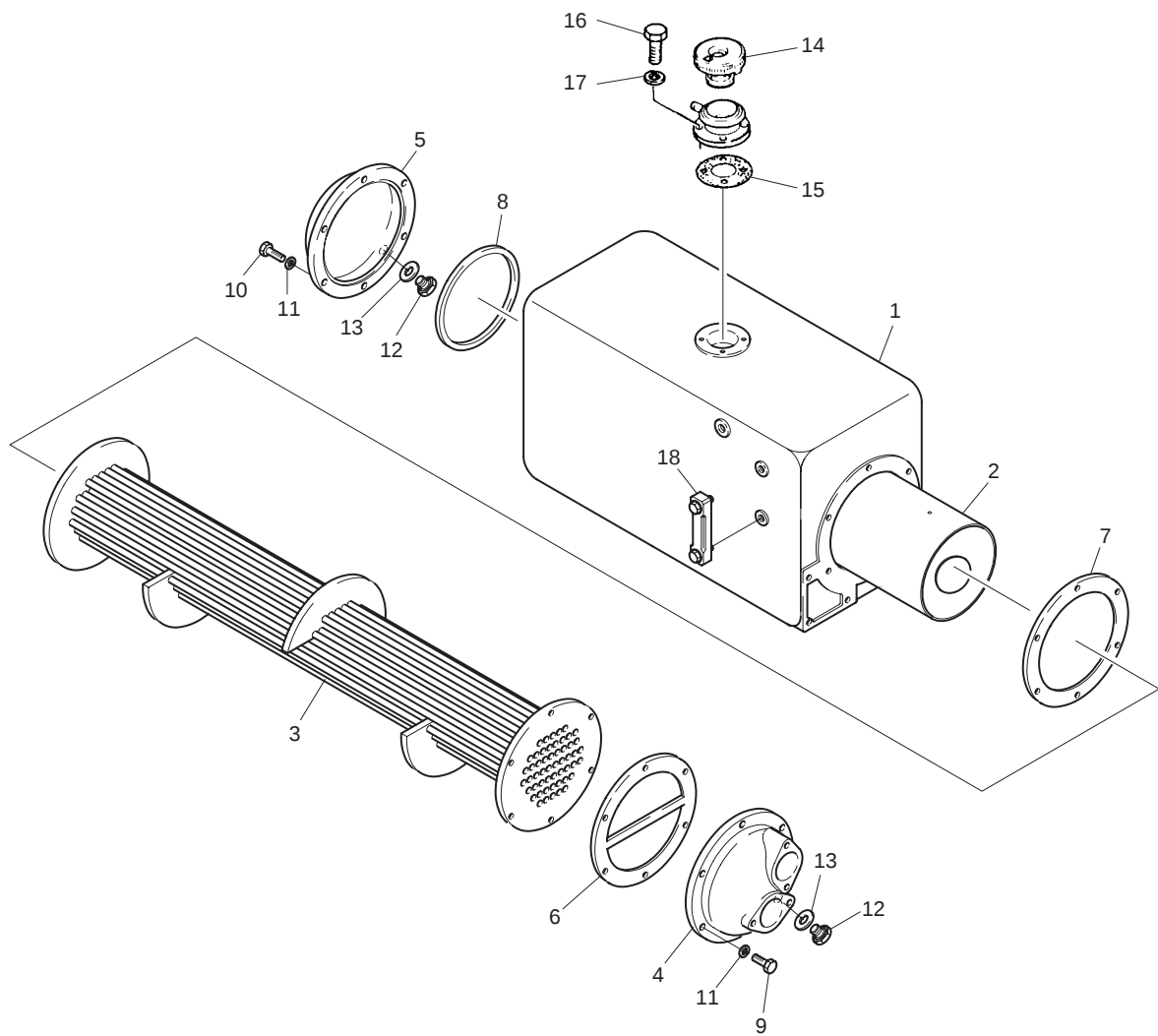


Fig.019 HEAT EXCHANGER

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				
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	· · GASKET ; HEAT EXCHANGER	1	1	1	1	1	1				
7	65.06907-0002A	· · GASKET ; HEAT EXCHANGER	1	1	1	1	1	1				
8	06.56026-0308	· · O-RING	1	1	1	1	1	1				
9	06.02097-8517	· · BOLT ; SOCKET HEAD M10x40	6	6	6	6	6	6				
10	06.02097-8513	· · BOLT ; SOCKET HEAD M10x30	6	6	6	6	6	6				
11	06.16731-2108	· · WASHER ; SPRING	12	12	12	12	12	12				
12	06.08095-4606	· · SCREW ; PLUG M18x1.5	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	· · GASKET	1	1	1	1	1	1				
16	06.01283-6913	· · BOLT ; HEX. M6x20	4	4	4	4	4	4				
17	06.16731-2106	· · WASHER ; SPRING	4	4	4	4	4	4				
18	65.27480-6001	· · GAUGE ; COOLING WATER	1	1	1	1	1	1				

Fig.020 COOLING WATER PIPE(1)

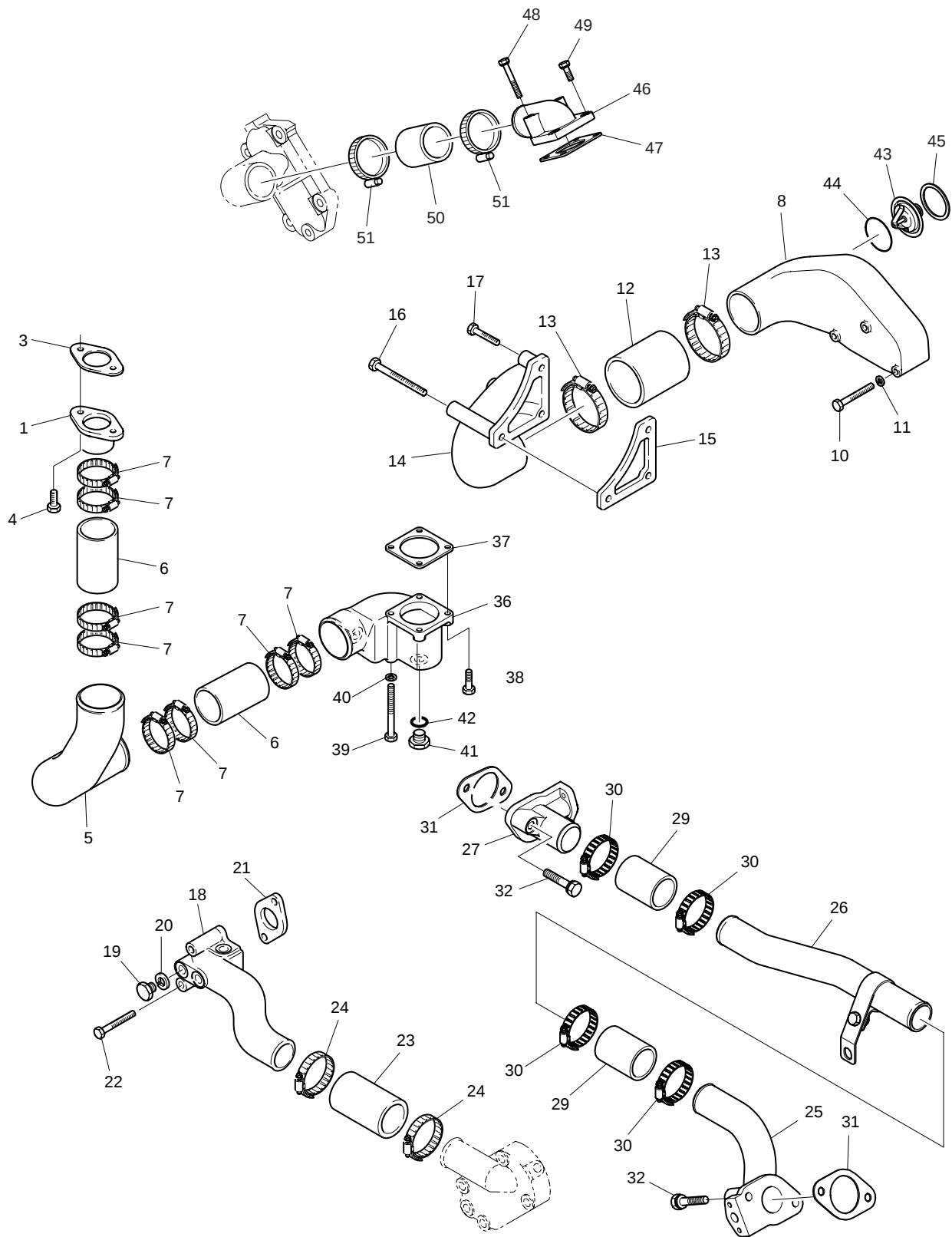


Fig.020 COOLING WATER PIPE(1)

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				
1	60.06301-5384A	PIPE ; COOLING WATER	1	1	1	1	1	1				
3	65.06903B0010	GASKET	1	1	1	1	1	1				
4	06.01943-3317	BOLT ASS'Y M12x1.5x30	4	4	4	4	4	4				
5	60.06301-0077	PIPE ; COOLING WATER	1	1	1	1	1	1				
6	65.96301-0271	HOSE ; SILICON D75x100	2	2	2	2	2	2				
7	65.97440-0097	CLAMP ; HOSE	8	8	8	8	8	8				
8	60.06405-0007	OUTLET ; WATER	1	1	1	1	1	1				
10	06.01913-3128	BOLT ; HEX. M8x85	3	3	3	3	3	3				
11	06.15010-2311	WASHER 8.4	3	3	3	3	3	3				
12	65.96301-0269	HOSE ; SILICON D75x55	1	1	1	1	1	1				
13	65.97440-0097	CLAMP ; HOSE	2	2	2	2	2	2				
14	60.06301-0086	PIPE ; COOLING WATER	1	1	1	1	1	1				
15	60.06903-0025A	GASKET	1	1	1	1	1	1				
16	06.01913-3234	BOLT ASS'Y M10x130	2	2	2	2	2	2				
17	06.01913-3224	BOLT ASS'Y M10x65	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 M16x1.5	1	1	1	1	1	1				
20	06.56190-0706	RING ; SEAL A14x20	1	1	1	1	1	1				
21	65.96601-0054	GASKET ; COOLING WATER PIPE FLANGE	1	1	1	1	1	1				
22	06.01913-3228	BOLT ; HEX. M10x85	2	2	2	2	2	2				
23	65.96310-0263	HOSE ; SILICON D50x80	1	1	1	1	1	1				
24	65.97440-0100	CLAMP ; HOSE	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 M18x1.5	1	1	1	1	1	1				
29	65.96301-0263	HOSE ; SILICON D50x80	2	2	2	2	2	2				
30	65.97440-0100	CLAMP ; HOSE	4	4	4	4	4	4				
31	65.96601-0057	GASKET NW60	2	2	2	2	2	2				
32	06.01943-3323	BOLT ASS'Y M12x1.5x60	4	4	4	4	4	4				
33	65.06301-0136	PIPE ; COOLING WATER	1	1	1	1	1	1				
34	65.96301-0263	HOSE ; SILICON D50x80	2	2	2	2	2	2				
35	65.97440-0100	CLAMP ; HOSE	4	4	4	4	4	4				
36	65.06301-0754	PIPE ; COOLING WATER	1	1	1	1	1	1				
37	67.06901A0001	GASKET	1	1	1	1	1	1				
38	06.01923-3117	BOLT ASS'Y M8x30	2	2	2	2	2	2				
39	06.01013-9126	BOLT ; HEX. M8x110	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 M18x1.5	2	2	2	2	2	2				
42	06.56190-0713	RING ; SEAL A18x24	2	2	2	2	2	2				
43	51.06402-0062	THERMOSTAT	3	3	3	3	3	3				
44	06.56342-1208	O-RING	3	3	3	3	3	3				
45	65.06901A0069	GASKET	3	3	3	3	3	3				
46	65.06301-0753	PIPE ; COOLING WATER	1	1	1	1	1	1				
47	65.06903-0070	GASKET	1	1	1	1	1	1				
48	06.01913-3123	BOLT ASS'Y M8x60	2	2	2	2	2	2				

Fig.020 COOLING WATER PIPE(1)

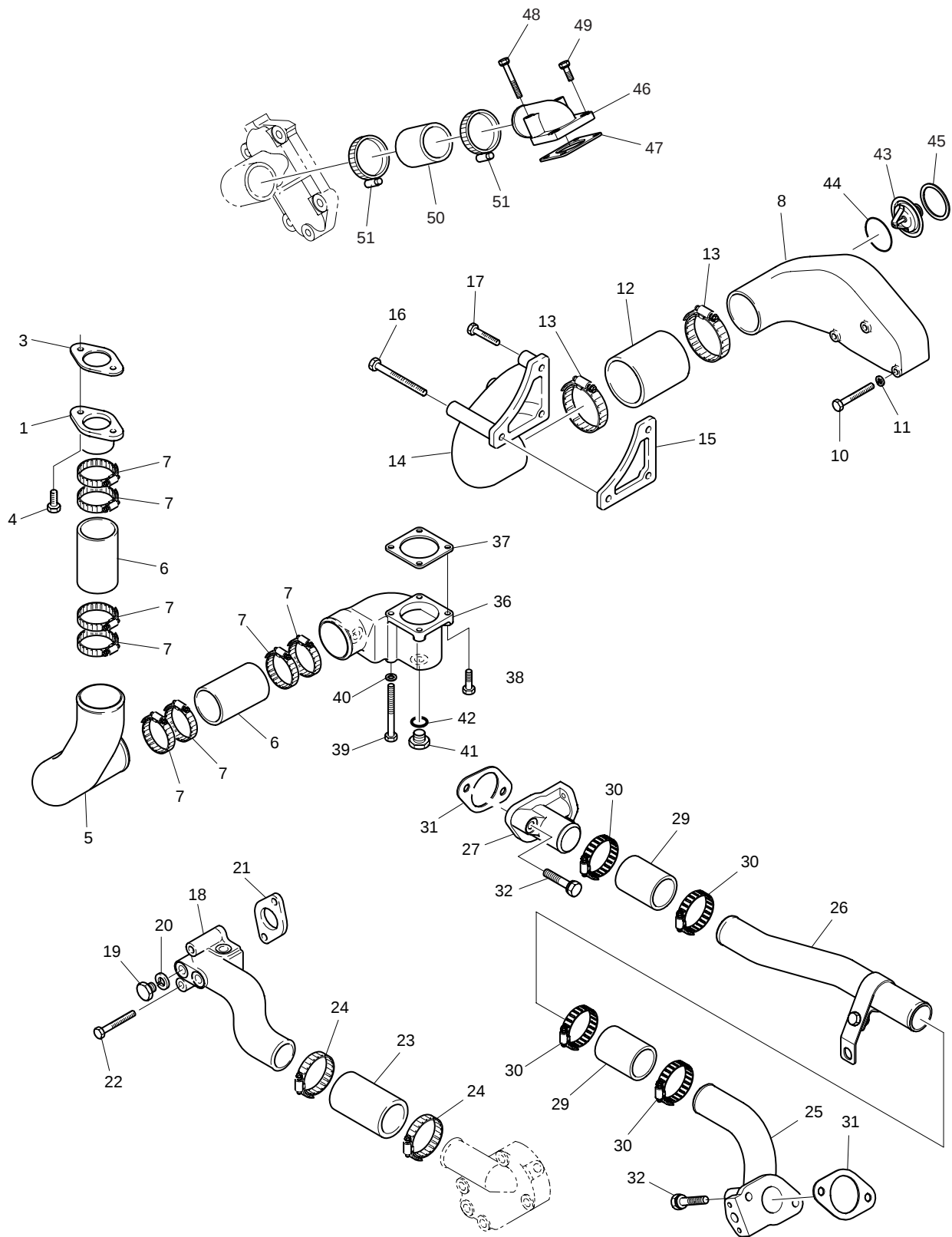


Fig.020 COOLING WATER PIPE(1)

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Fig.021 COOLING WATER PIPE(2)

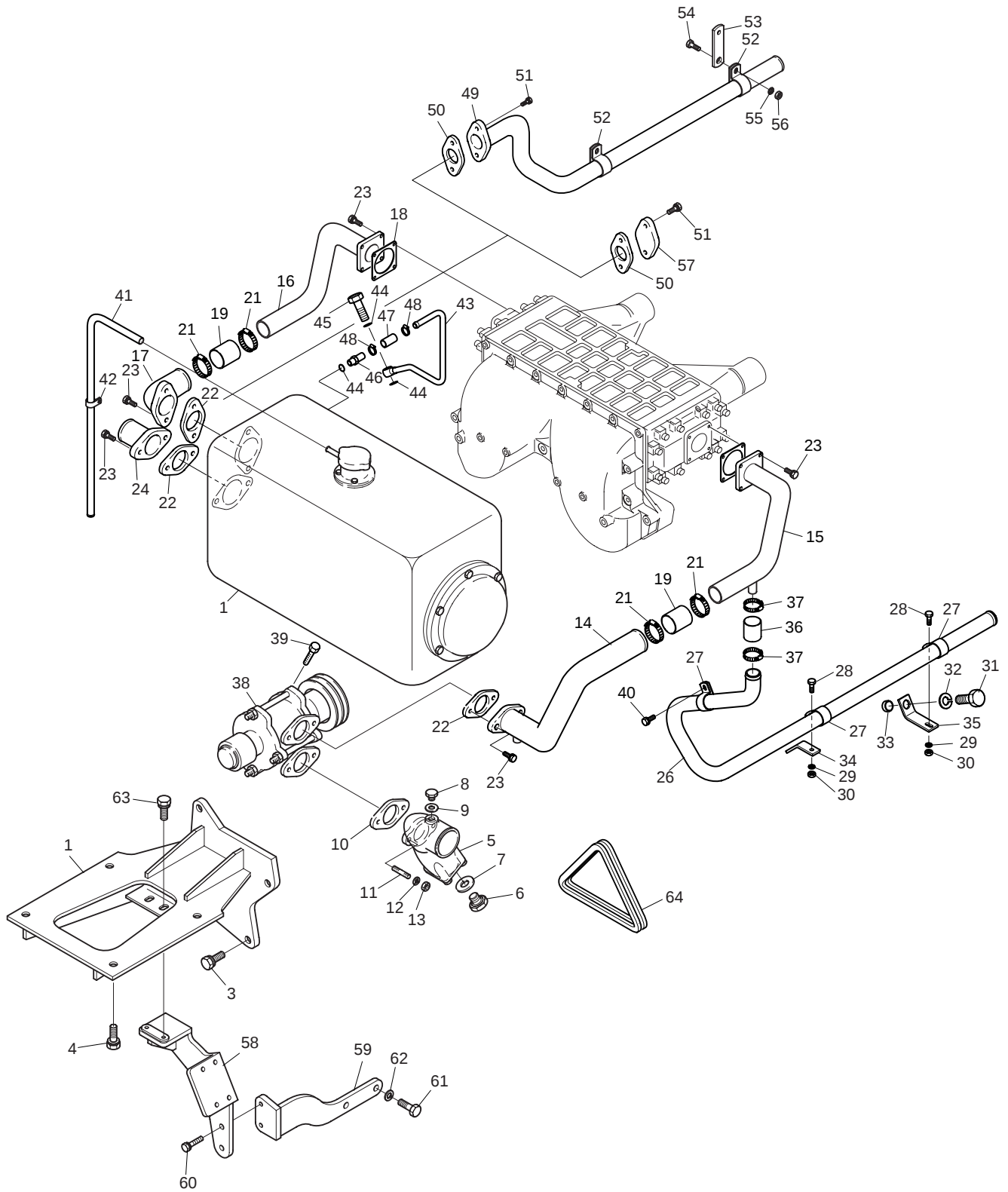


Fig.021 COOLING WATER PIPE(2)

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				
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 M10x30	4	4	4	4	4	4				
4	06.01943-3317	BOLT ASS'Y M12x1.5x30	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 M22x1.5	1	1	1	1	1	1				
7	06.56190-0718	RING ; SEAL	1	1	1	1	1	1				
8	06.08095-4604	SCREW ; PLUG M14x1.5	1	1	1	1	1	1				
9	06.56190-0706	RING ; SEAL A14x20	1	1	1	1	1	1				
10	60.96605A0013	GASKET	1	1	1	1	1	1				
11	06.06226-0806	BOLT ; STUD	2	2	2	2	2	2				
12	06.16731-2108	WASHER ; SPRING A10	2	2	2	2	2	2				
13	06.11063-8215	NUT ; HEX. M10	2	2	2	2	2	2				
14	65.06301-5195A	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	GASKET	2	2	2	2	2	2				
19	65.96301-0275	HOSE ; SILICON D55x90	2	2	2	2	2	2				
21	65.97440-0099	CLAMP ; HOSE	4	4	4	4	4	4				
22	60.96605A0013	GASKET	3	3	3	3	3	3				
23	06.01913-3218	BOLT ; HEX. M10x35	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 M10x35	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. M6x20	2	-	2	-	2	-				
29	06.16731-2105	WASHER ; SPRING	2	-	2	-	2	-				
30	06.11063-8212	NUT ; HEX. M6	2	-	2	-	2	-				
31	06.01493-4509	BOLT ; HEX. M16x50	1	-	1	-	1	-				
32	06.16731-2111	WASHER ; SPRING 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 ; SILICON D28x80	2	-	2	-	2	-				
37	65.97440-0102	CLAMP ; HOSE	4	-	4	-	4	-				
38	60.06800-7063	PUMP ; SEA WATER	1	-	1	-	1	-				
39	06.01913-3217	BOLT ASS'Y M10x30	3	-	3	-	3	-				
40	06.01913-2911	BOLT ASS'Y M6x16	1	-	1	-	1	-				
41	60.96901-0002	TUBE ; VINYL	1	1	1	1	1	1				

Fig.021 COOLING WATER PIPE(2)

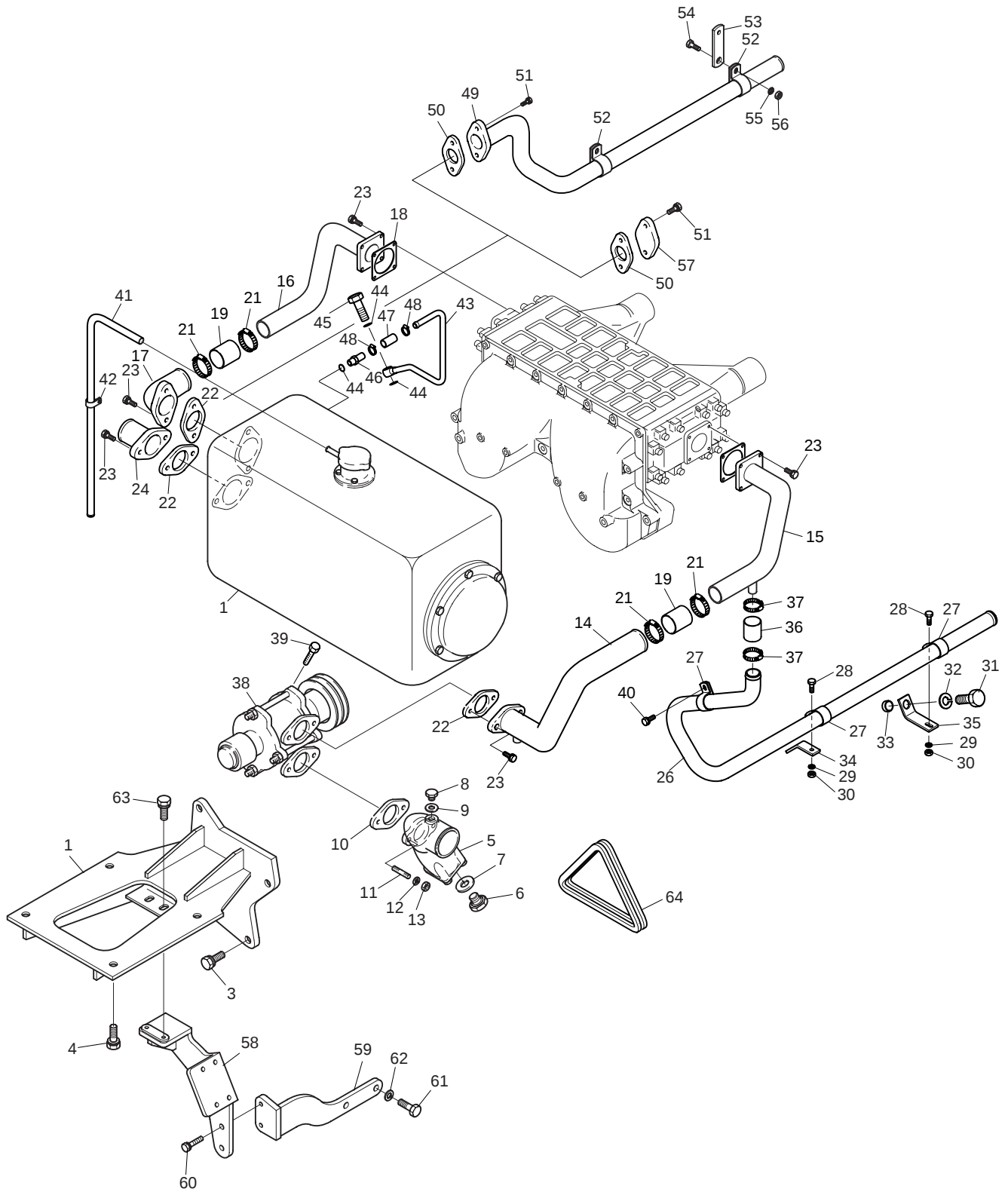


Fig.021 COOLING WATER PIPE(2)

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				
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 A14x20	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	GASKET	1	1	1	1	1	1				
51	06.01913-3217	BOLT ASS'Y M10x30	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. M6x20	2	-	2	-	2	-				
55	06.16731-2105	WASHER ; SPRING	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 M12x1.5x45	-	2	-	2	-	2				
61	06.01283-7420	BOLT ; HEX. M14x45	-	2	-	2	-	2				
62	06.16731-2110	WASHER ; SPRING A14	-	2	-	2	-	2				
63	06.01913-3214	BOLT ASS'Y M10x22	-	2	-	2	-	2				
64	65.96801-0064	V-BELT 2x17x1325	1	1	-	-	-	-				
-	65.96801-0017	V-BELT 2x17x1350	-	-	1	1	1	1				

Fig.022 COOLING WATER PIPE(3)

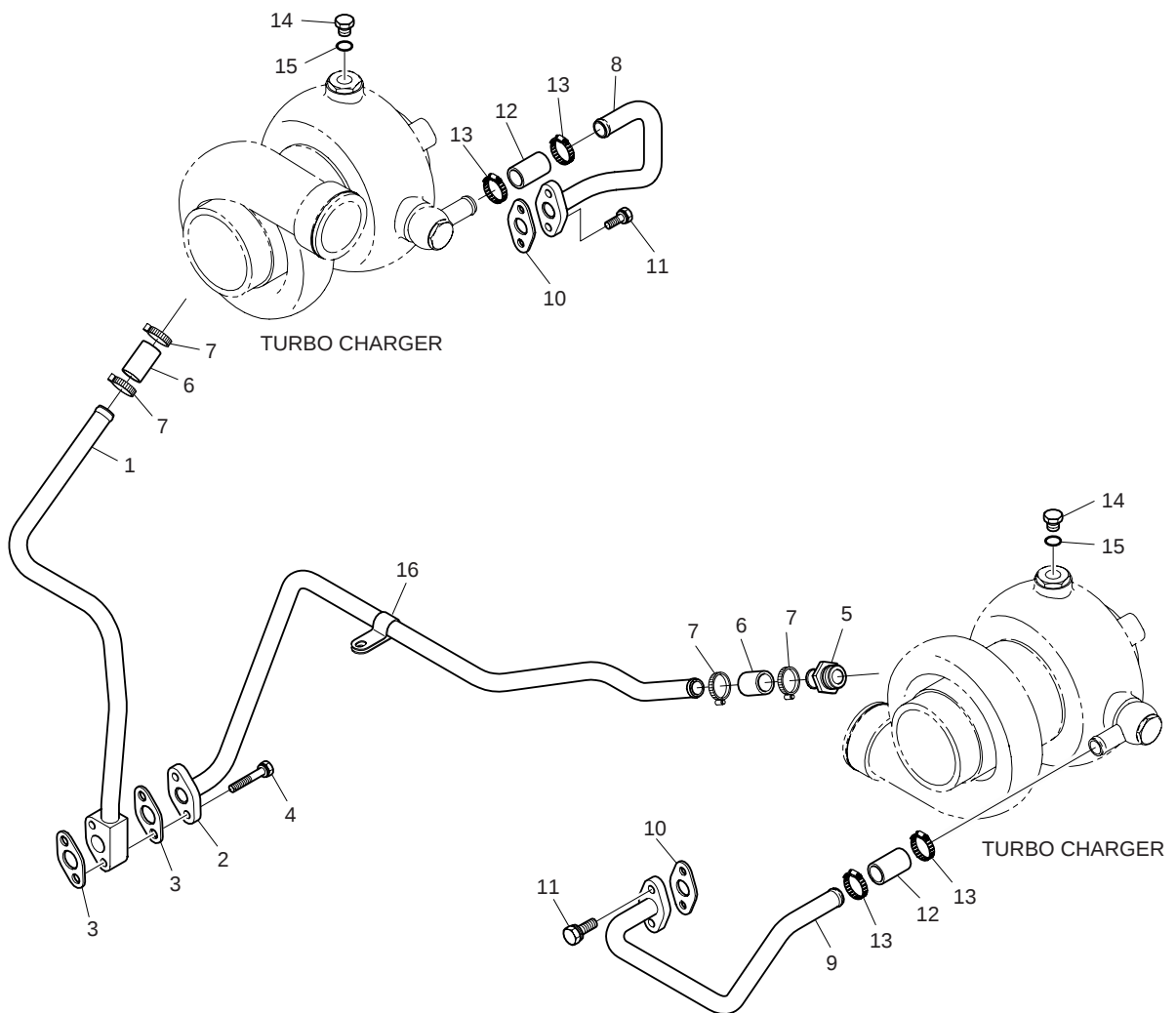


Fig.022 COOLING WATER PIPE(3)

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				
1	65.06301-5213	PIPE ; COOLING WATER	1	1	1	1	1	1				
-	65.06301-5214	PIPE ; COOLING WATER	-	-	-	-	-	-				
2	65.06301-5741	PIPE ; COOLING WATER	1	1	1	1	1	1				
3	65.05903-0028	GASKET	2	2	2	2	2	2				
4	06.01913-3121	BOLT ASS'Y M8x50	2	2	2	2	2	2				
5	65.98131-0136	NIPPLE	1	1	1	1	1	1				
6	65.96301-0281	HOSE ; SILICON 1/2"19	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				
9	65.06301-5074	PIPE ; COOLING WATER	1	1	1	1	1	1				
-	65.06301-5738	PIPE ; COOLING WATER	-	-	-	-	-	1				
10	65.05903-0028	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 1/2"19	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.023 COOLING WATER PUMP(1)

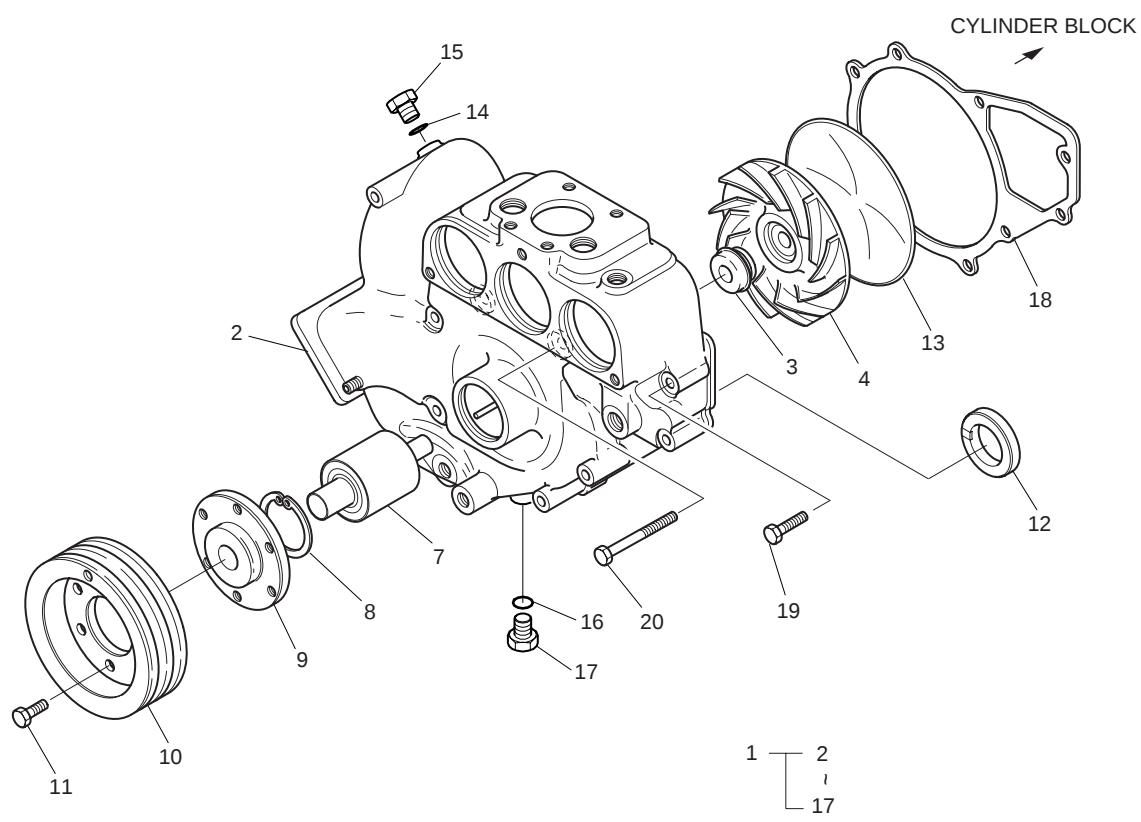


Fig.023 COOLING WATER PUMP(1)

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				
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 55x2	1	1	1	1	1	1				
9	65.06504-0013	· · HUB ; DRIVE	1	1	1	1	1	1				
10	65.06503-0098	· · PULLEY ; V-BELT	1	1	1	1	1	1				
11	06.01913-3114	· · BOLT ASS'Y M8x22	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 A16x22	1	1	1	1	1	1				
15	06.08092-2405	· · PLUG ; SCREW M16x1.5	1	1	1	1	1	1				
16	06.56190-0709	· · RING ; SEAL A16x22	1	1	1	1	1	1				
17	06.08092-2405	· · PLUG ; SCREW M16x1.5	1	1	1	1	1	1				
18	65.06901A0074	GASKET	1	1	1	1	1	1				
19	06.01923-3122	BOLT ASS'Y M8x55	3	3	3	3	3	3				
20	06.01913-3128	BOLT ; HEX. M8x85	3	3	3	3	3	3				

Fig.024 COOLING WATER PUMP(2)

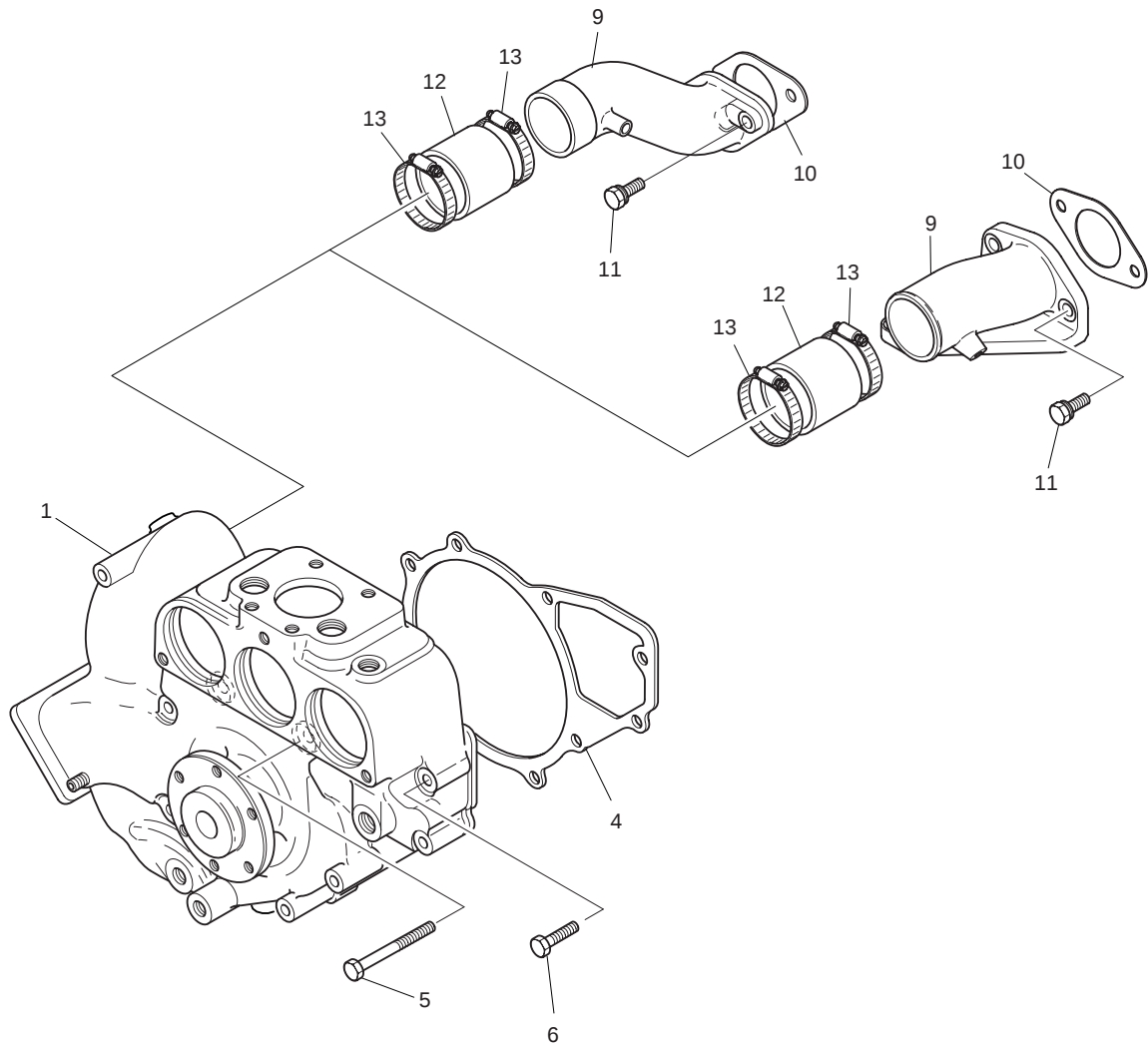


Fig.024 COOLING WATER PUMP(2)

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				
1	65.06500-6160	WATER PUMP ASS'Y	1	1	1	1	1	1				
4	65.06901A0074	GASKET	1	1	1	1	1	1				
5	06.01913-3128	BOLT ; HEX. M8x85	3	3	3	3	3	3				
6	06.01923-3122	BOLT ASS'Y M8x55	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	GASKET	1	1	1	1	1	1				
11	06.01913-3318	BOLT ; HEX. M12x1.75x35	2	2	2	2	4	4				
12	65.96301-0271	HOSE ; SILICON D75x80	1	1	1	1	1	1				
13	65.97440-0097	CLAMP ; HOSE NEW 64	4	4	4	4	4	4				

Fig.025 EXHAUST MANIFOLD

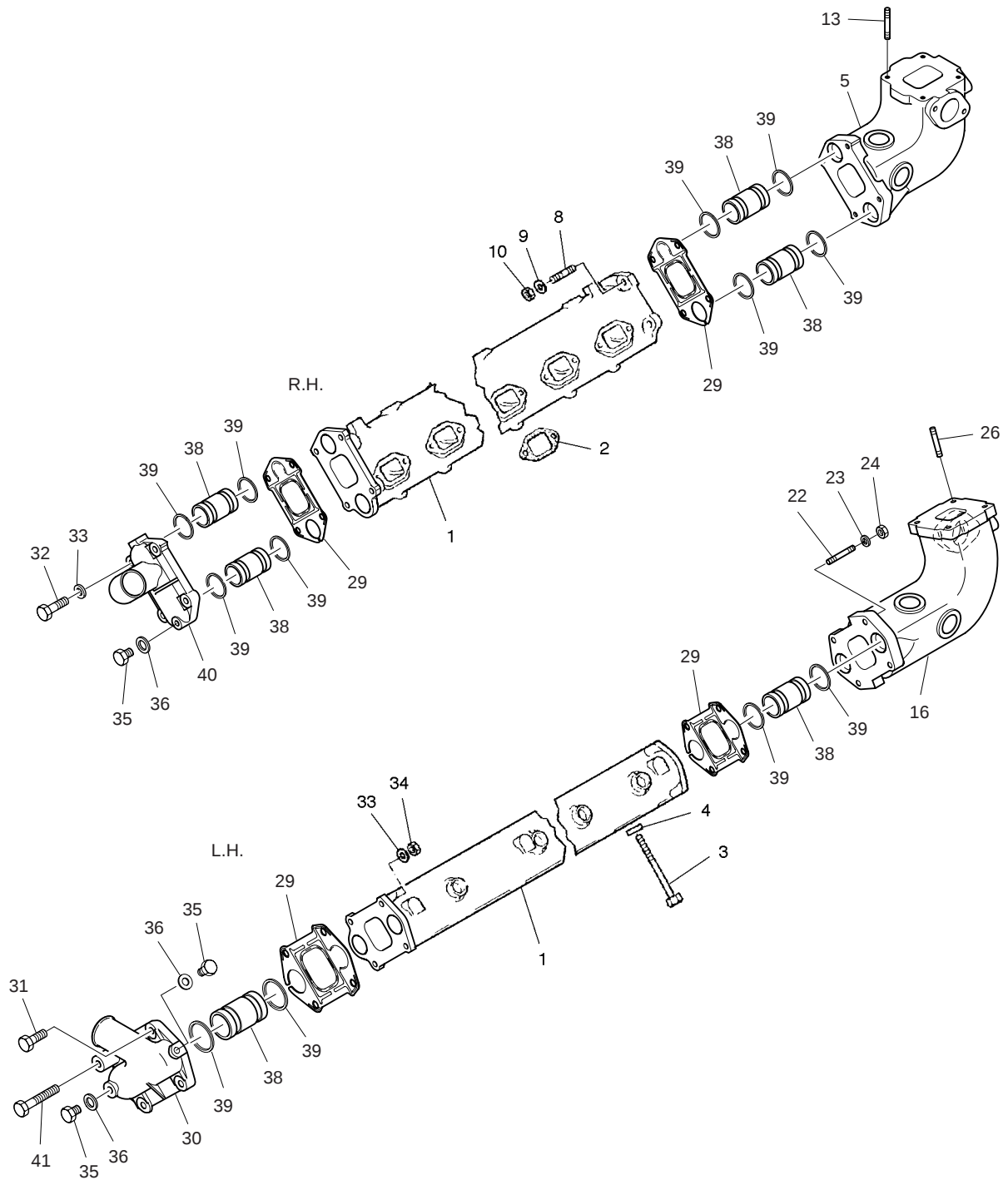


Fig.025 EXHAUST MANIFOLD

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				
1	65.08101-6007	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. M10x140	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 M12x1.5x38	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. M12x1.5	4	4	4	4	4	4				
13	65.90201-0072	BOLT ; STUD M10x1.5x30	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 M12x1.5x38	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. M12x1.5	4	4	4	4	4	4				
26	65.90201-0072	BOLT ; STUD M10x1.5x30	4	4	4	4	4	4				
29	60.08901-0015	GASKET	4	4	4	4	4	4				
30	60.08116-0012	COVER	1	1	1	1	1	1				
31	06.01493-4311	BOLT ; HEX. M12x60	3	3	3	3	3	3				
32	06.01493-4307	BOLT ; HEX. M12x40	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. M12x1.5	4	4	4	4	4	4				
35	06.08092-2424	SCREW ; PLUG M14x1.5	3	3	3	3	3	3				
36	06.56190-0706	RING ; SEAL A14x20	3	3	3	3	3	3				
38	65.06301-0161	PIPE	8	8	8	8	8	8				
39	06.56026-0103	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. M12x90	1	1	1	1	1	1				

Fig.026 INTAKE MANIFOLD

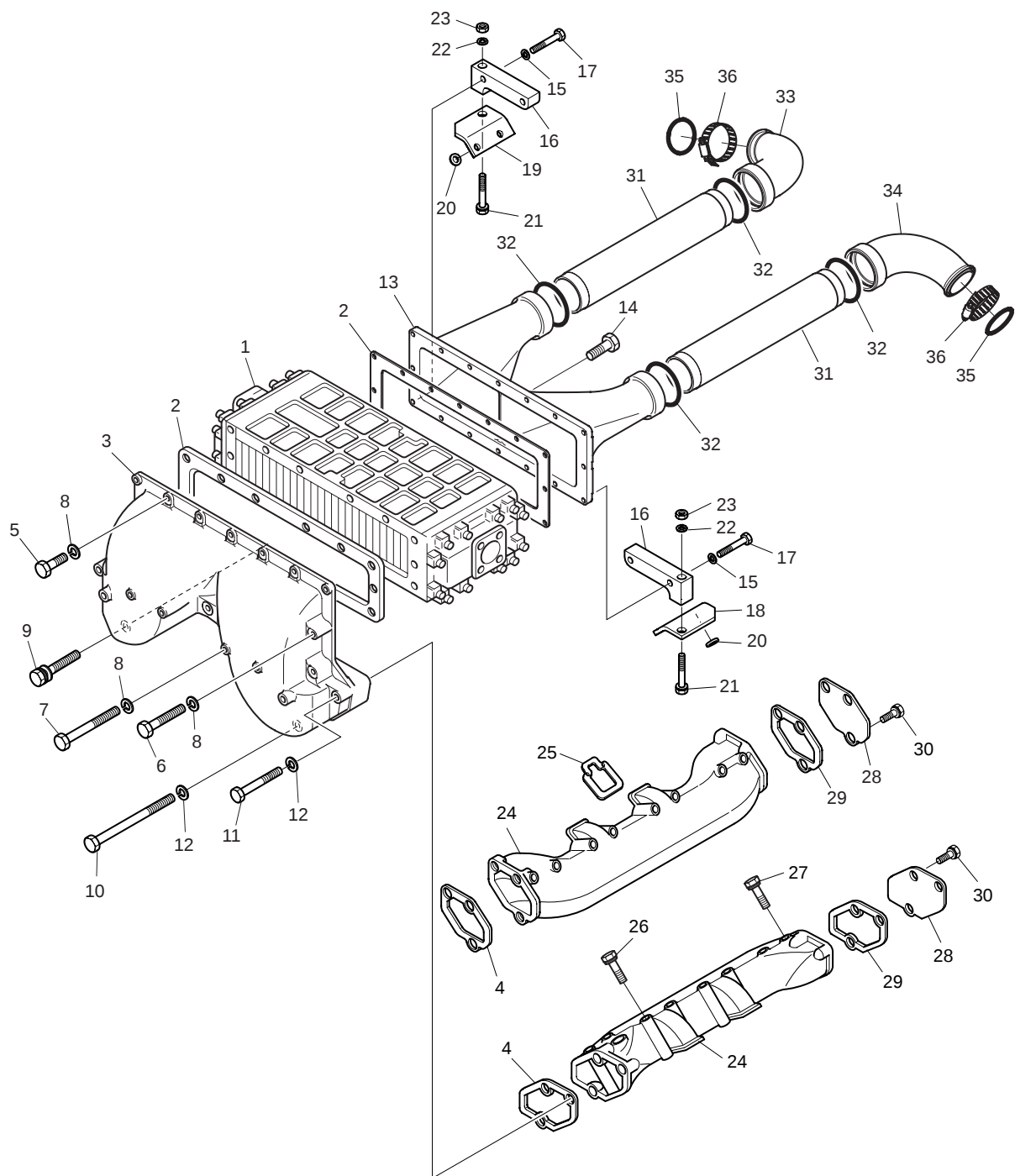


Fig.026 INTAKE MANIFOLD

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				
1	65.09500-7002	INTER COOLER	1	1	1	1	-	-				
-	65.09500-7021	INTER COOLER	-	-	-	-	1	1				
2	65.09904-0011A	GASKET	2	2	2	2	2	2				
3	65.09411-0094	BEND ; AIR	1	1	1	1	1	1				
4	65.08902A0057	GASKET	2	2	2	2	2	2				
5	06.01923-3117	BOLT ; HEX. M8x30	10	10	10	10	10	10				
6	06.01913-3123	BOLT ; HEX. M8x60	2	2	2	2	2	2				
7	06.01013-9127	BOLT ; HEX. M8x120	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 M10x85	3	3	3	3	3	3				
10	06.01013-9231	BOLT ; HEX. M10x160	1	1	1	1	1	1				
11	06.01013-9227	BOLT ; HEX. M10x120	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. M8x30	12	12	12	12	12	12				
16	65.97480-0618A	HOLDER	2	2	2	2	2	2				
17	06.01913-3122	BOLT ; HEX. M8x55	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 M8x65	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	GASKET	8	8	10	10	12	12				
26	06.01923-3132	BOLT ASS'Y M8x110	8	8	8	8	8	8				
27	06.01923-3129	BOLT ASS'Y M8x90	8	8	12	12	16	16				
28	65.08203-0001	COVER	2	2	2	2	2	2				
29	65.08902A0057	GASKET	2	2	2	2	2	2				
30	06.01913-3217	BOLT ASS'Y M10x30	6	6	6	6	6	6				
31	65.09411-0111A	INLET ; AIR	-	-	-	-	2	2				
-	65.09411-0112A	INLET ; AIR	-	-	2	2	-	-				
-	65.09411-0113A	INLET ; AIR	2	2	-	-	-	-				
32	06.56027-0111	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				
34	65.09411-0109	INLET ; AIR	1	1	1	1	1	1				
-	65.09411-0106	INLET ; AIR	-	-	-	-	-	1				
35	65.96501-0420	O-RING	2	2	2	2	2	2				
36	65.97450-5001	V-CLAMP	2	2	2	2	2	2				

Fig.027 TURBO CHARGER

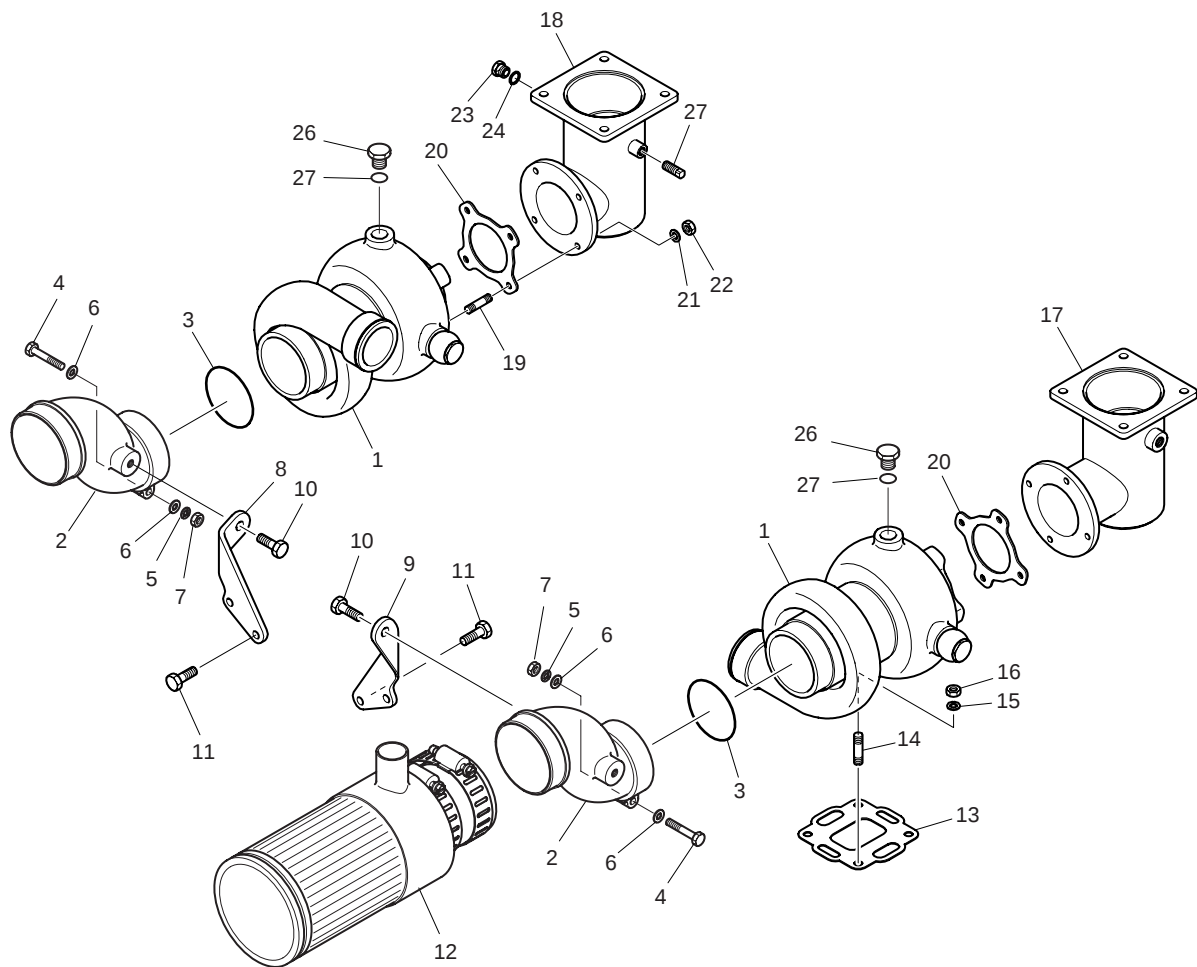


Fig.027 TURBO CHARGER

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				
1	65.09100-7091	TURBO CHARGER	-	-	2	2	2	2				
1	65.09100-7092	TURBO CHARGER	-	-	-	-	-	2				
2	65.08202-0141	STAKE ; INTAKE	2	2	2	2	2	2				
3	65.96501-0075	O-RING	2	2	2	2	2	2				
4	06.01013-9217	BOLT ; HEX. M10x1.5x60	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 M12x30	2	2	2	2	2	2				
11	06.09153-3217	BOLT ASS'Y M10x30	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	GASKET	2	2	2	2	2	2				
14	65.90201-0072	BOLT ; STUD	8	8	8	8	8	8				
15	06.16731-2108	WASHER ; SPRING 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	GASKET	2	2	2	2	2	2				
21	06.16731-2107	WASHER ; SPRING 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 A16x22	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 M14x1.5	2	2	2	2	2	2				
27	06.56190-0706	RING ; SEAL A14x20	2	2	2	2	2	2				

Fig.028 NOZZLE HOLDER

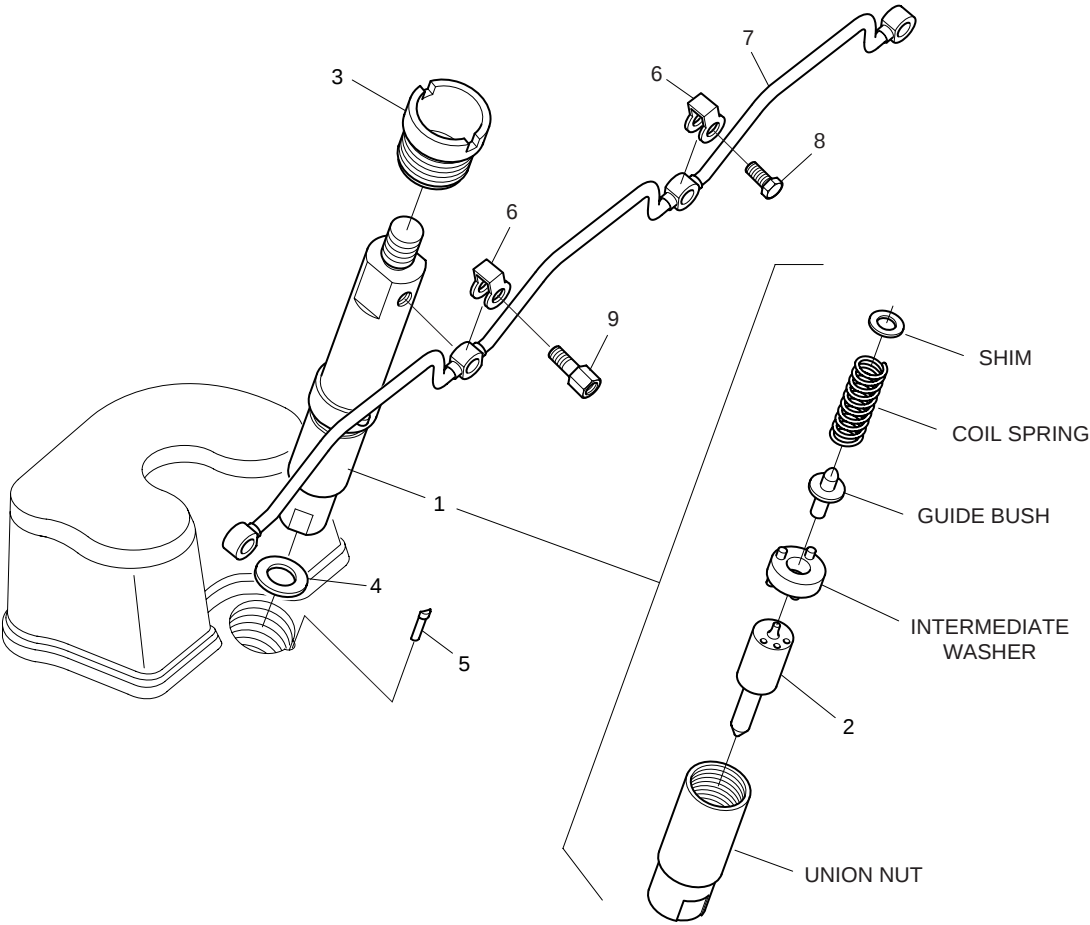


Fig.028 NOZZLE HOLDER

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				
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.029 FUEL INJECTION PUMP

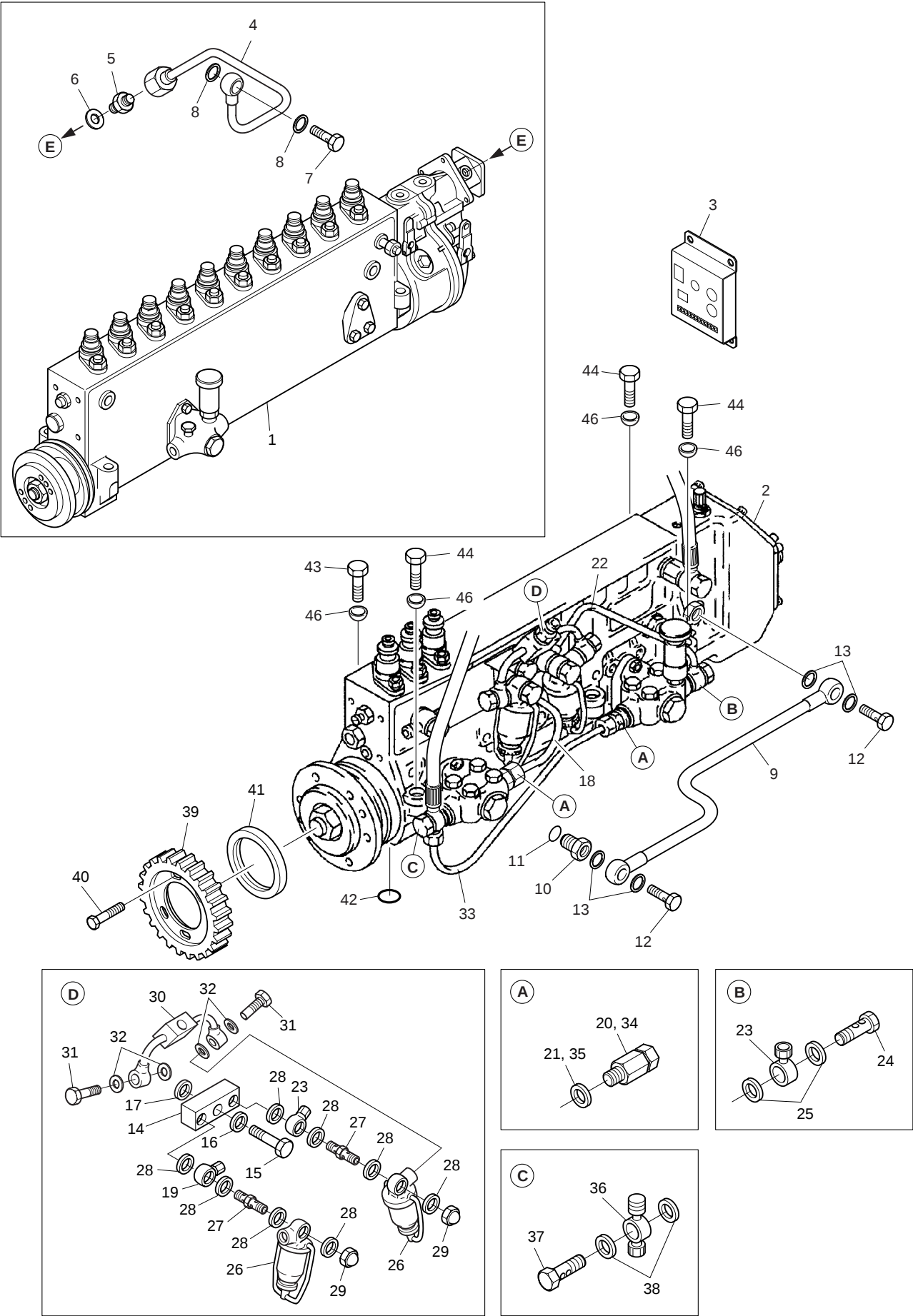


Fig.029 FUEL INJECTION PUMP

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				
1	65.11101-7680	INJECTION PUMP ASS'Y	1	-	-	-	-	-				
-	65.11101-7332	INJECTION PUMP ASS'Y(MEDIUM DUTY)	1	-	-	-	-	-				
-	65.11101-7681	INJECTION PUMP ASS'Y	-	-	1	-	-	-				
-	65.11101-7333	INJECTION PUMP ASS'Y(MEDIUM DUTY)	-	-	1	-	-	-				
-	65.11101-7682	INJECTION PUMP ASS'Y	-	-	-	-	1	-				
-	65.11101-7334	INJECTION 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 A12x18	1	-	1	-	1	-				
7	65.98150-0053	SCREW ; HOLLOW	1	-	1	-	1	-				
8	06.56180-0714	RING ; SEAL A10x15	2	-	2	-	2	-				
9	65.05701-5357	OIL RETURN PIPE ASS'Y	-	-	1	1	-	-				
-	65.05701-5355	OIL RETURN PIPE ASS'Y	1	1	-	-	-	-				
-	65.05701-5360	OIL RETURN PIPE ASS'Y	-	-	-	-	1	1				
10	65.98130-0151	ADAPTER ; SCREW	-	-	1	1	1	1				
11	06.56190-0726	RING ; SEAL 26x31	-	-	1	1	1	1				
12	06.78144-2204	SCREW ; HOLLOW	-	-	2	2	2	2				
13	06.56190-0706	RING ; SEAL A14x20	-	-	4	4	4	4				
14	65.12340-0001	PIECE ; CONNECTION	-	-	1	1	1	1				
15	06.01494-4407	BOLT ; HEX. M14x1.5x40	-	-	1	1	1	1				
16	06.16044-0213	WASHER ; SPRING 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	-	-	1	1	1	1				
21	06.56190-0706	RING ; SEAL A14x20	-	-	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	-	-	1	1	1	1				
25	06.56190-0706	RING ; SEAL A14x20	-	-	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 A14x20	-	-	8	8	8	8				
29	06.12172-9316	NUT ; CAP M14x1.5	-	-	2	2	2	2				
30	65.12301-5831B	PIPE ; FUEL	-	-	1	1	1	1				
31	06.78144-2204	SCREW ; HOLLOW	-	-	2	2	2	2				
32	06.56190-0706	RING ; SEAL A14x20	-	-	4	4	4	4				

Fig.029 FUEL INJECTION PUMP

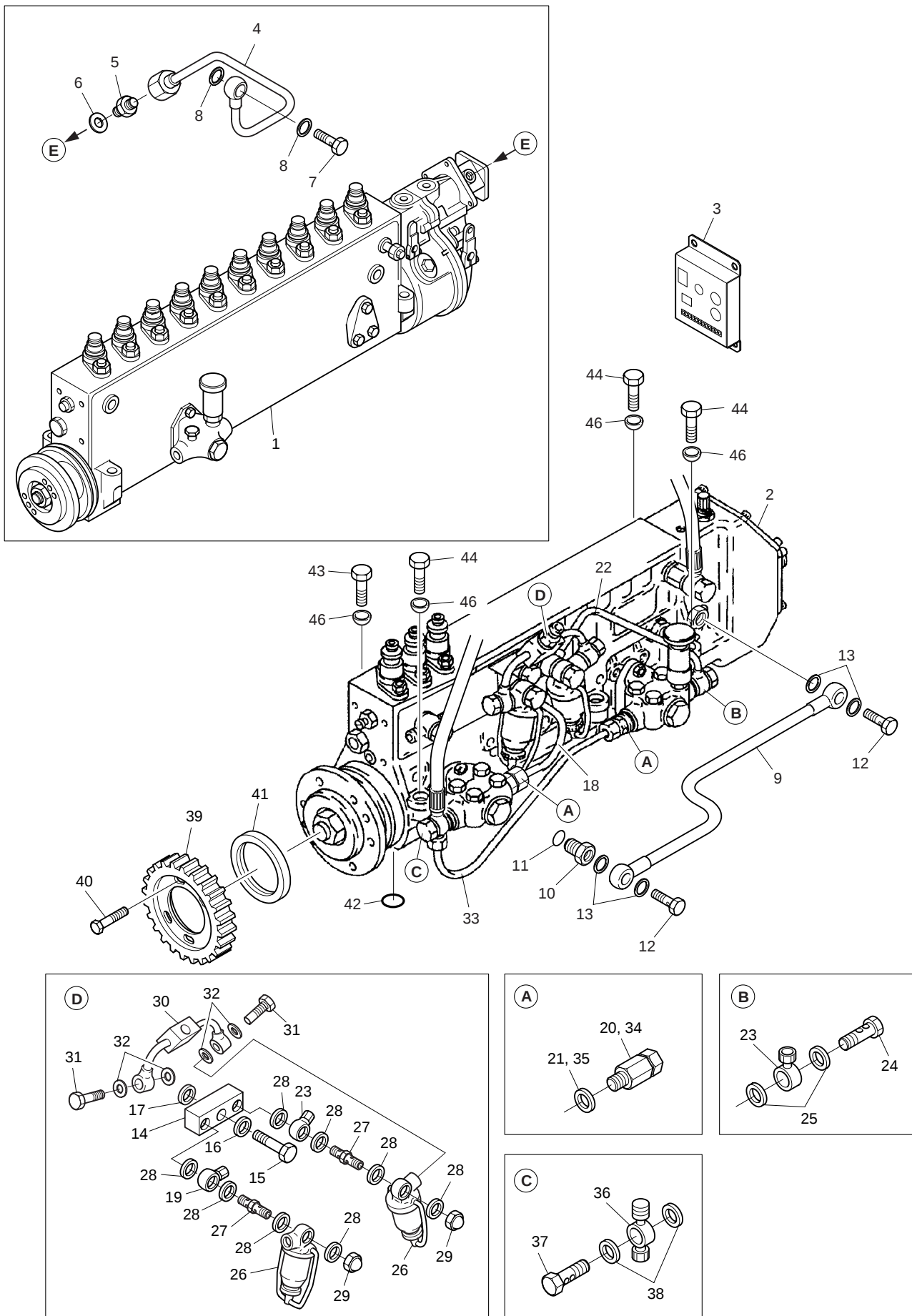
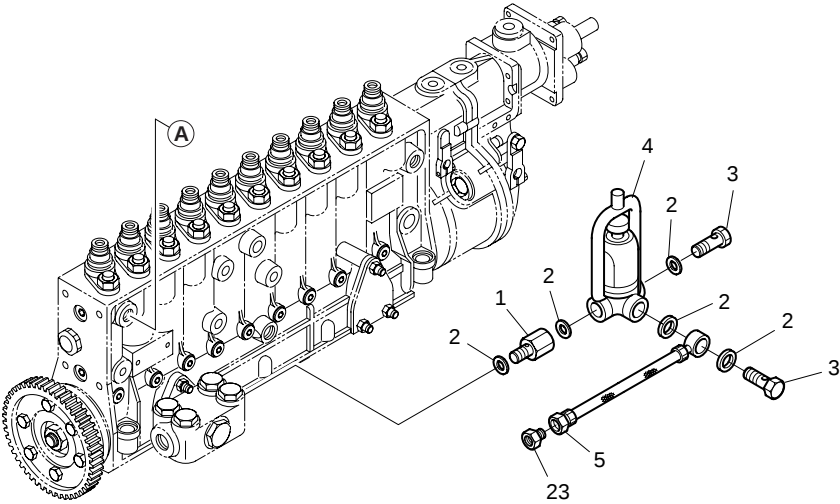
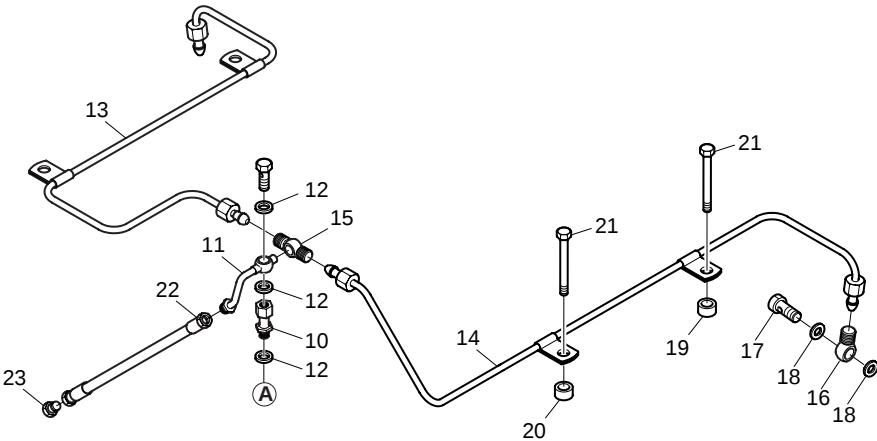


Fig.029 FUEL INJECTION PUMP

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				
33	65.12301-0002	PIPE ; FUEL	-	-	1	1	-	-				
-	65.12301-0003	PIPE ; FUEL	-	-	-	-	1	1				
34	06.71010-0213	NIPPLE ; UNION	-	-	1	1	1	1				
35	06.56190-0706	RING ; SEAL A14x20	-	-	1	1	1	1				
36	65.98103-6002	UNION ; BANJO	-	-	1	1	1	1				
37	06.78144-2204	SCREW ; HOLLOW	-	-	1	1	1	1				
38	06.56190-0706	RING ; SEAL A14x20	-	-	2	2	2	2				
39	65.11301-0115A	GEAR ; INJECTION PUMP DRIVE	1	1	1	1	1	1				
40	06.01284-7112	BOLT ; HEX. M8x18	6	6	6	6	6	6				
41	65.90710-0001A	SPACER	6	6	6	6	6	6				
42	51.96501-0322	O-RING	1	1	1	1	1	1				
43	51.96501-0295	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. M10x100	1	1	1	1	1	1				
46	06.15061-0103	WASHER ; BALL	4	4	4	4	6	6				

Fig.030 FUEL HOSE



INJECTION PUMP

Fig.030 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				
1	65.98130-0087	ADAPTER	1	1	-	-	-	-				
2	06.56190-0706	RING ; SEAL A14x20	5	5	-	-	-	-				
3	06.78144-2204	SCREW ; HOLLOW	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 A14x20	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 M8x1	3	3	3	3	3	3				
18	06.56180-0712	RING ; SEAL A8x14	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.031 FUEL INJECTION PIPE(1)

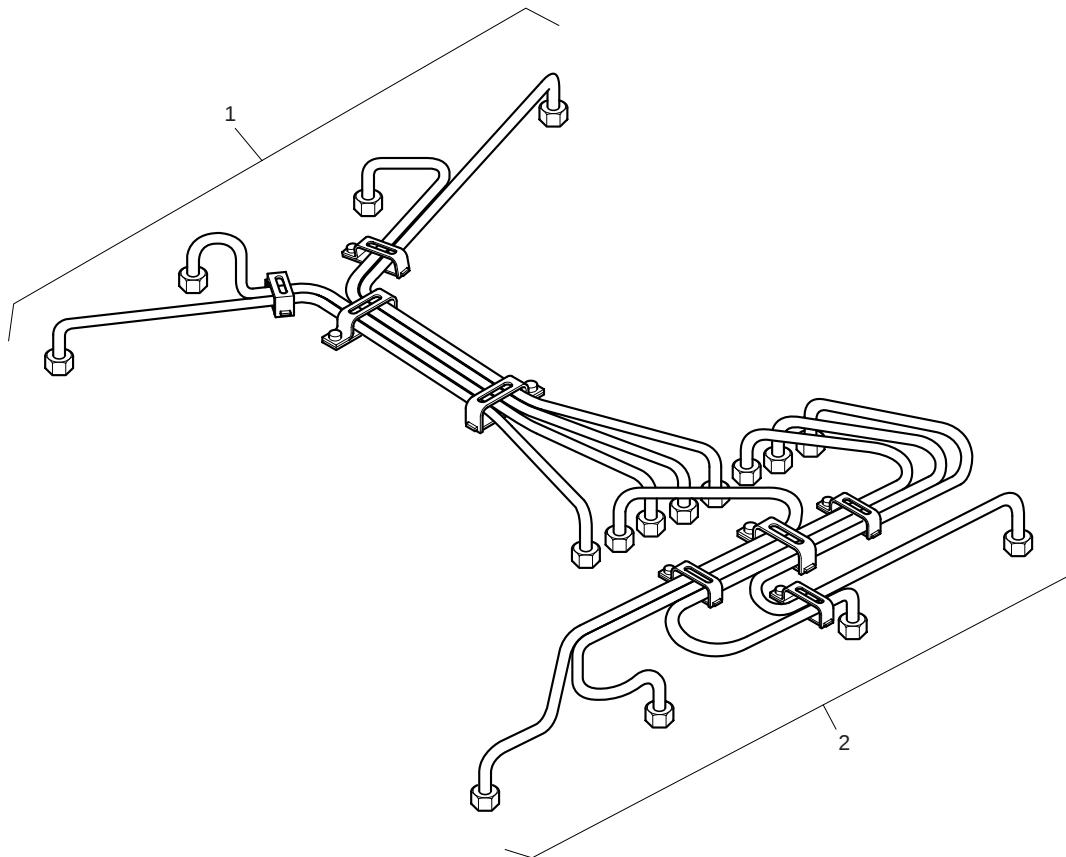


Fig.031 FUEL INJECTION PIPE(1)

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				
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.032 FUEL INJECTION PIPE(2)

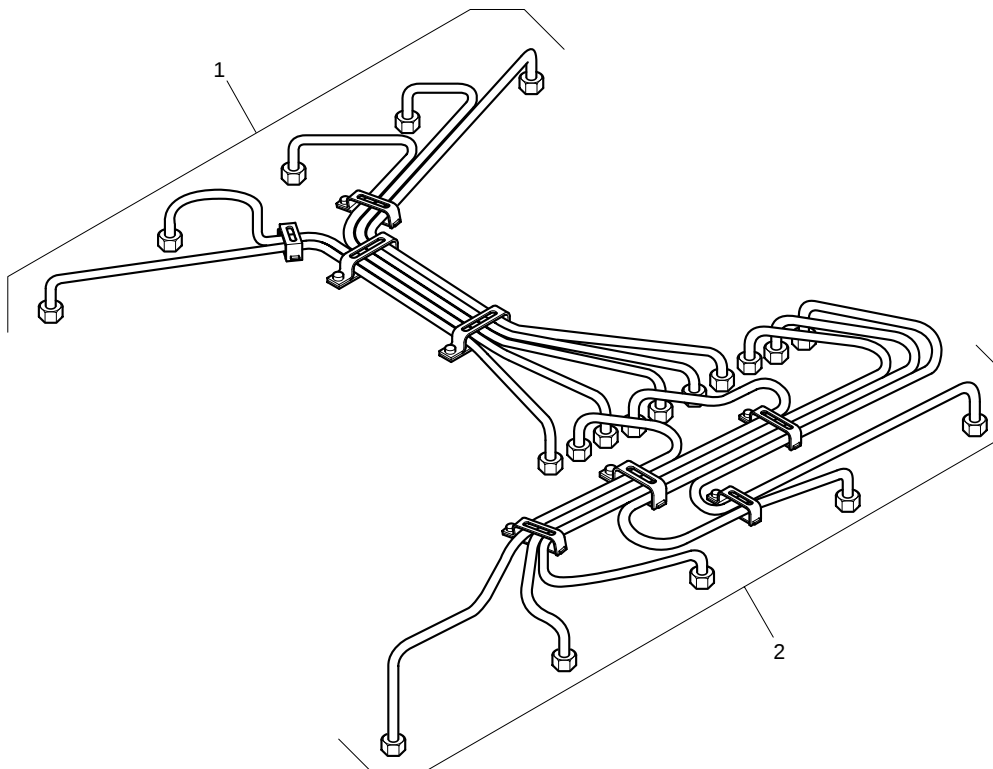


Fig.032 FUEL INJECTION PIPE(2)

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				
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.033 FUEL INJECTION PIPE(3)

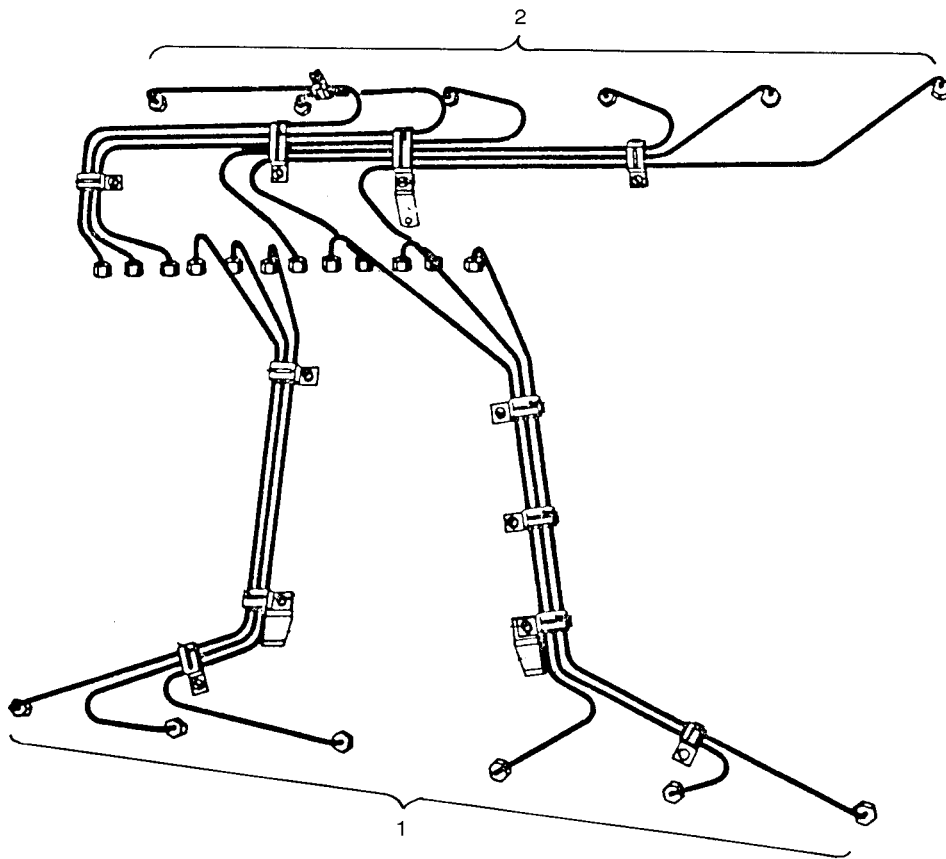


Fig.033 FUEL INJECTION PIPE(3)

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				
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.034 FUEL FILTER

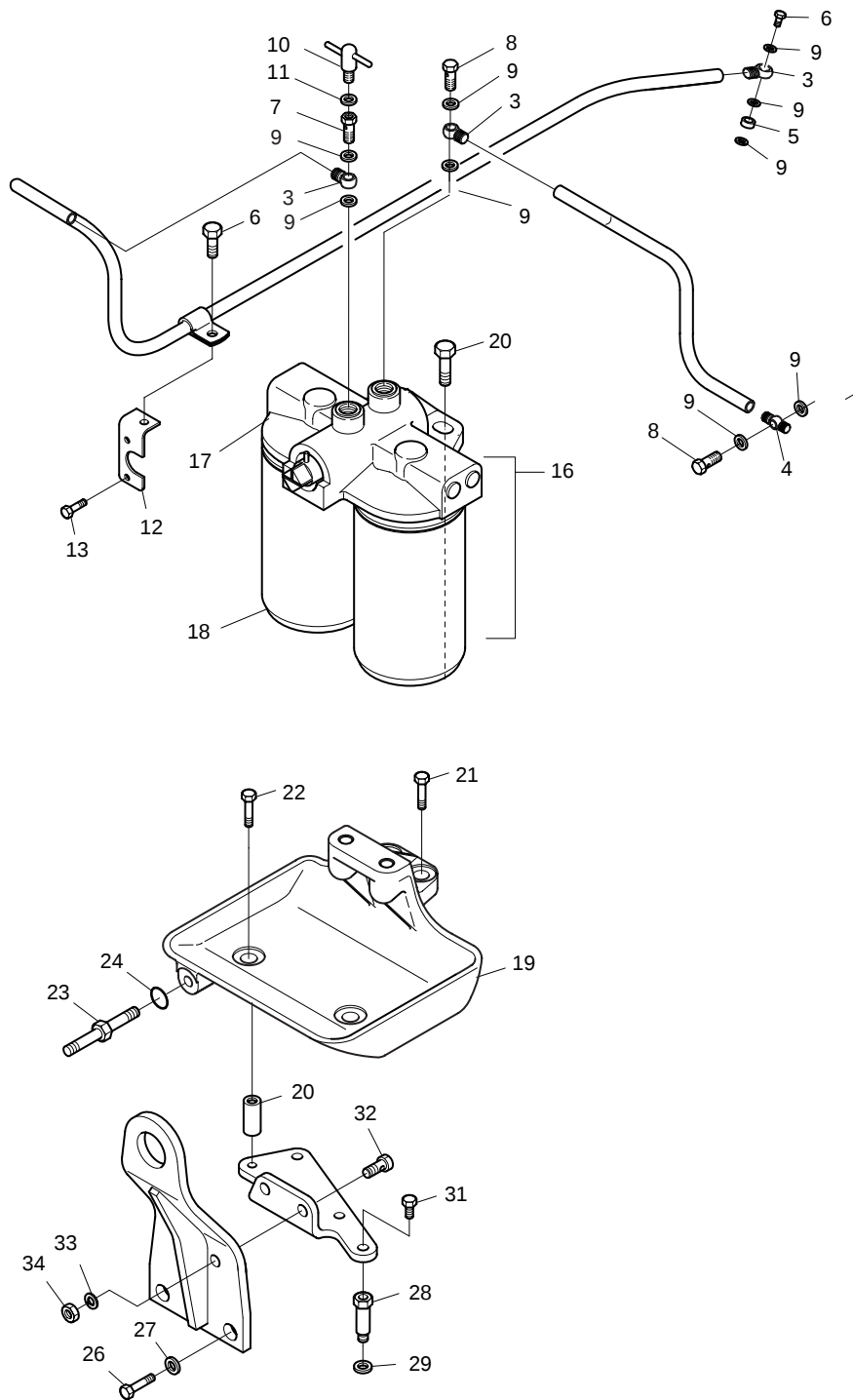


Fig.034 FUEL FILTER

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				
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	1	1	1	1	1	1				
7	65.98150-0029	SCREW ; HOLLOW	1	1	1	1	1	1				
8	06.78144-2204	SCREW ; HOLLOW	2	2	2	2	2	2				
9	06.56190-0706	RING ; SEAL A14x20	9	9	9	9	9	9				
10	65.12509-5002	SCREW ; BREATHER	1	1	1	1	1	1				
11	65.96507-0003	RING ; SEAL A8x12	1	1	1	1	1	1				
12	65.97480-5010	HOLDER	1	1	1	1	1	1				
13	06.01913-2911	BOLT ASS'Y M6x17	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 M8x16	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 M12x1.5x35	4	4	4	4	4	4				
22	06.01923-3226	BOLT ASS'Y M12x75	2	2	2	2	2	2				
23	65.98130-0005	ADAPTER	1	1	1	1	1	1				
24	06.56180-0714	RING ; SEAL A10x15	1	1	1	1	1	1				
25	65.19202-5006	HOOK ; LIFTING	1	1	1	1	1	1				
26	06.01283-7519	BOLT ; HEX. M16x2x40	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 26x31	1	1	1	1	1	1				
30	65.97480-0191	HOLDER	1	1	1	1	1	1				
31	06.01913-3216	BOLT ; HEX. M10x28	2	2	2	2	2	2				
32	06.01283-7218	BOLT ; HEX. M10x35	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.035 EXHAUST PIPE

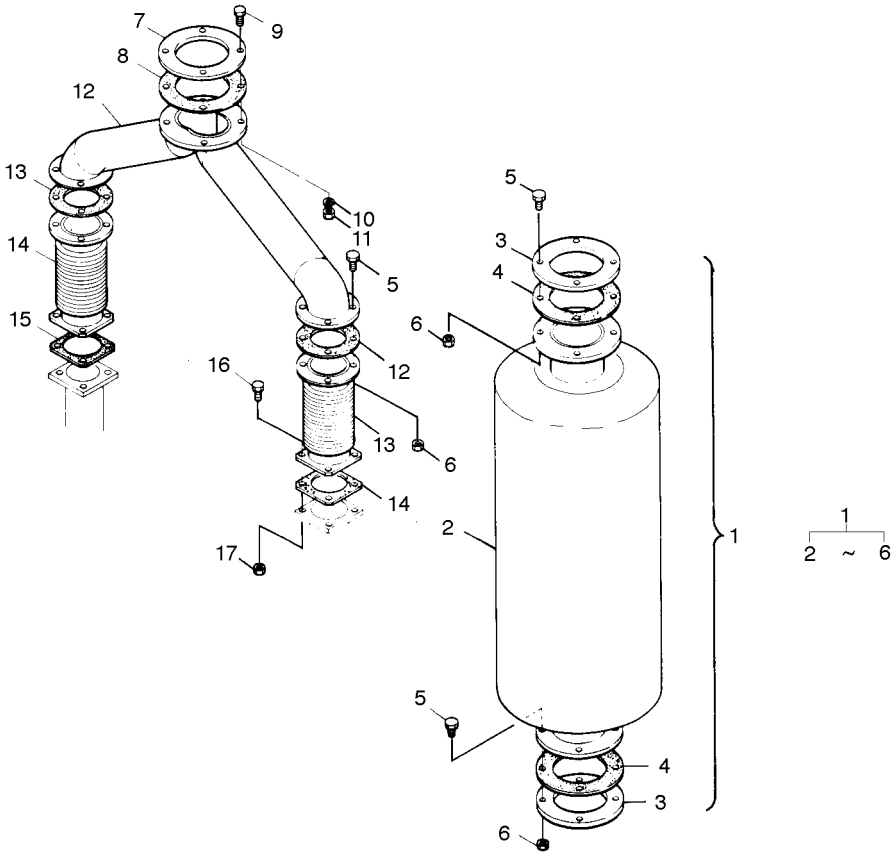


Fig.035 EXHAUST PIPE

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				
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	GASKET	2	-	2	-	2	-				
5	06.01493-4509	BOLT ; HEX. M16x50	8	-	8	-	8	-				
6	06.11063-9218	NUT ; HEX. M16	8	-	8	-	8	-				
7	60.15202-0005	FLANGE	1	-	1	-	1	-				
8	60.15902A0003	GASKET	1	-	1	-	1	-				
9	06.01493-4509	BOLT ; HEX. M16x1.5x50	4	-	4	-	4	-				
10	06.16731-2111	WASHER ; SPRING A16	4	-	4	-	4	-				
11	06.11063-9218	NUT ; HEX. M16x1.5	4	-	4	-	4	-				
12	65.15201-5005	PIPE ; EXHAUST PIPE	1	-	1	-	1	-				
13	67.15902A0012	GASKET ; EXHAUST PIPE	2	-	2	-	2	-				
14	65.15211-5003	BELLOWS	2	-	2	-	2	-				
15	65.15901-0010	GASKET	2	-	2	-	2	-				
16	06.01913-3217	BOLT ASS'Y M10x30	8	-	8	-	8	-				
17	06.11063-8215	NUT	8	-	8	-	8	-				

Fig.036 LIFTING HOOK

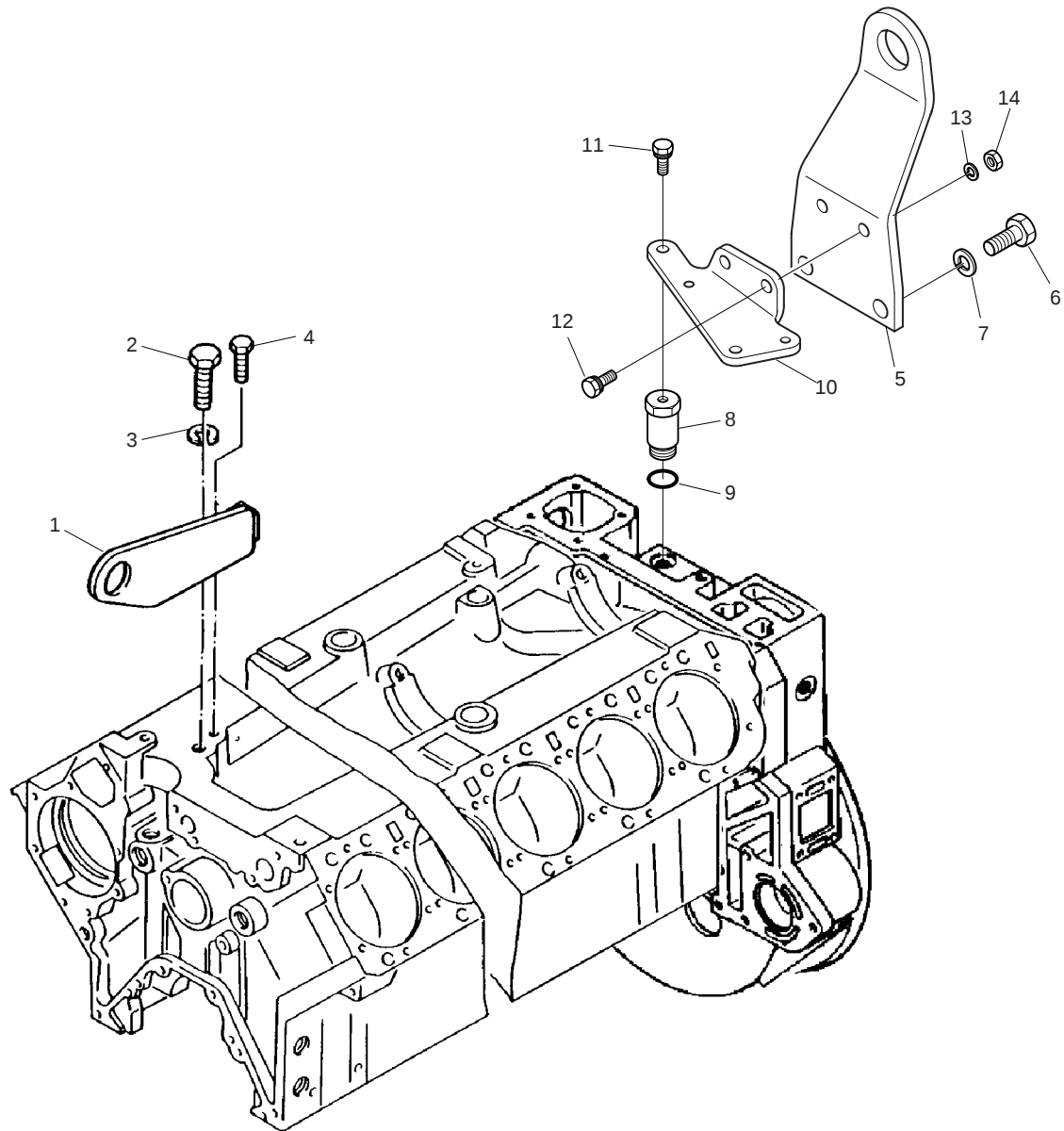


Fig.036 LIFTING HOOK

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				
1	65.19202-5004	HOOK ; LIFTING	1	1	1	1	1	1				
2	06.01283-7720	BOLT ; HEX. M20x45	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 M10x30	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. M16x2x40	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 A26x31	1	1	1	1	1	1				
10	65.97480-0191	HOLDER	1	1	1	1	1	1				
11	06.01913-3216	BOLT ASS'Y M10x28	2	2	2	2	2	2				
12	06.01283-7218	BOLT ; HEX. M10x35	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.037 ENGINE STOP

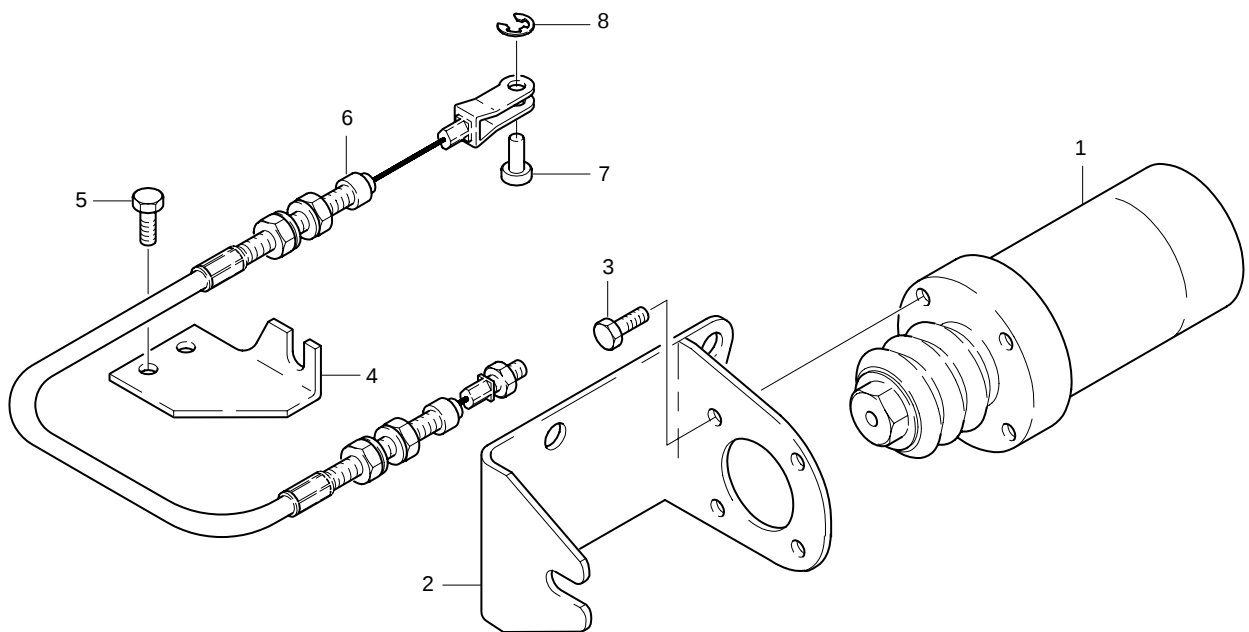


Fig.037 ENGINE STOP

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				
1	65.25900-6008	SOLENOID	1	-	1	-	1	-				
2	65.25909-5013	BRACKET ; SOLENOID	1	-	1	-	1	-				
3	06.01923-2910	BOLT ASS'Y M6x12	4	-	4	-	4	-				
4	60.25909-0006	BRACKET ; SOLENOID	1	-	1	-	1	-				
5	06.01923-2910	BOLT ASS'Y M6x12	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.038 ALTERNATOR

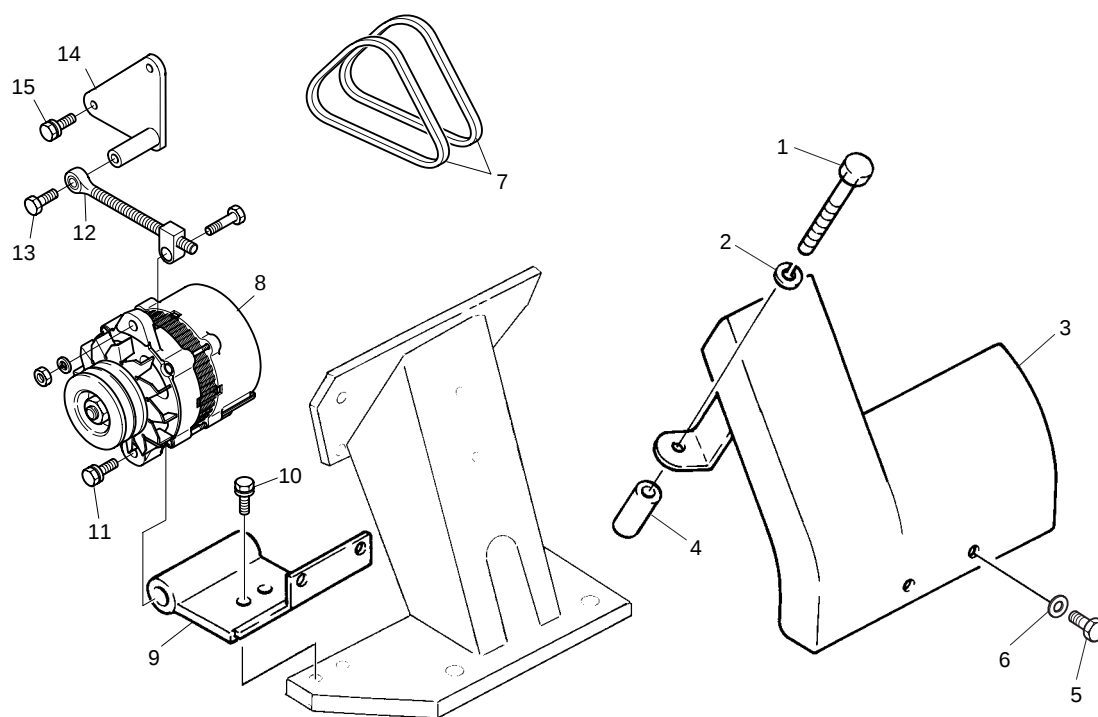


Fig.038 ALTERNATOR

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				
1	06.01913-3234	BOLT ASS'Y M10x130	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-BELT 2x17x1325	1	1	1	1	1	1				
-	65.96801-0017	V-BELT 2x17x1350	-	-	-	-	-	-				
8	65.26101-7139	ALTERNATOR 24Vx50A	1	1	1	1	1	1				
9	65.19102-5049	BRACKET ; ALTERNATOR	1	1	1	1	1	1				
10	06.01913-3216	BOLT ; HEX. M10x28	2	2	2	2	2	2				
11	06.01943-3317	BOLT ASS'Y M12x1.5x30	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 M12x1.5x40	1	1	1	1	1	1				
14	65.19103-5027	BRACKET ; ALTERNATOR SUPPORT	1	1	1	1	1	1				
15	06.01913-3216	BOLT ; HEX. M10x28	2	2	2	2	2	2				

Fig.039 BATTERY

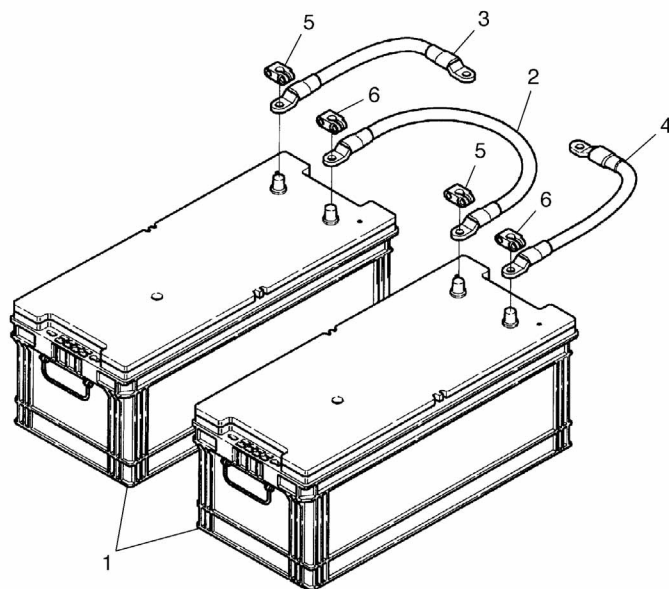


Fig.039 BATTERY

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				
1	65.96601-7002	BATTERY	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.040 CONTROL

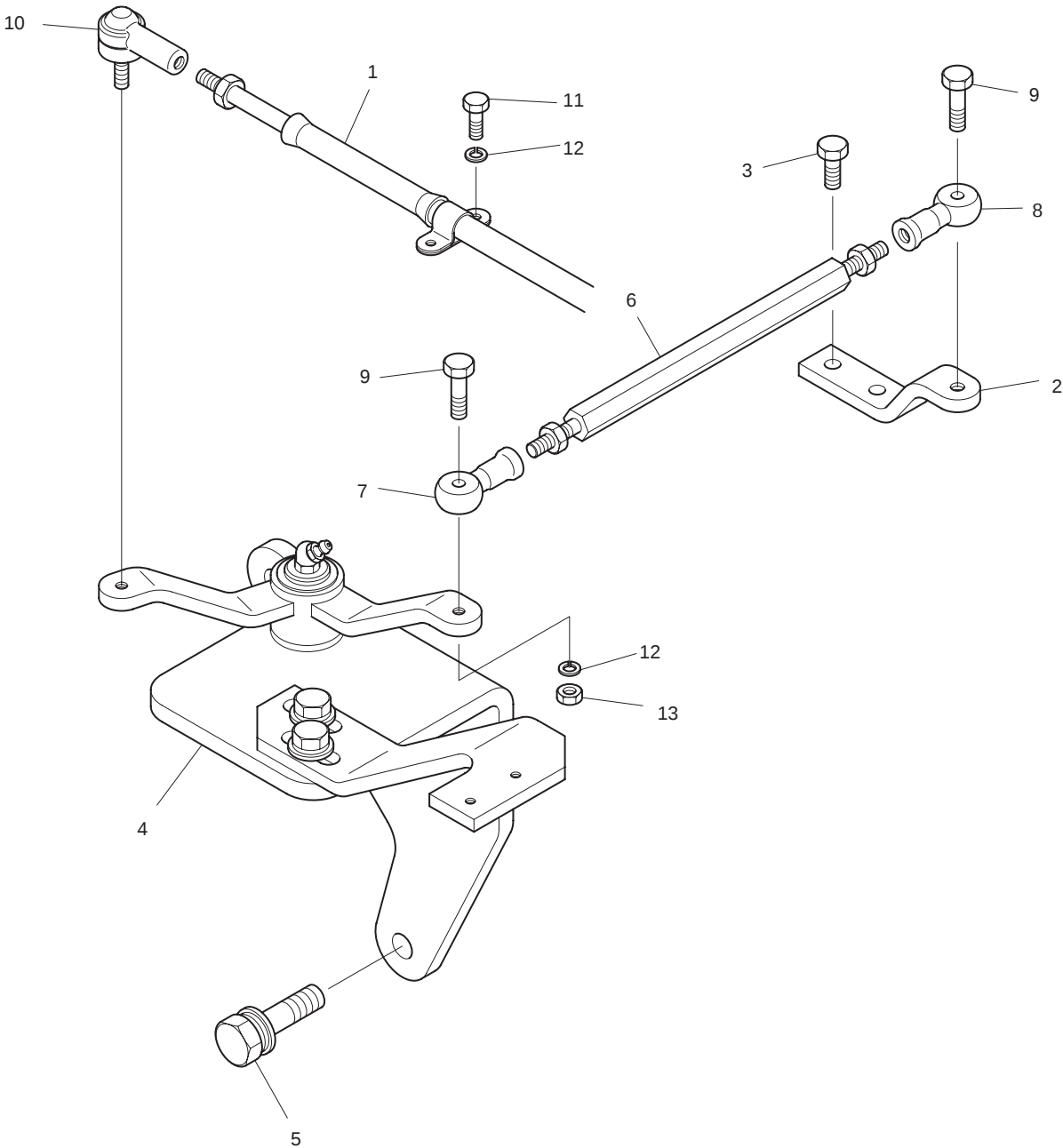


Fig.040 CONTROL

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				
1	60.32610-8002	CABLE ; CONTROL	2	-	2	-	2	-				
2	65.11165-0014	LEVER ; CONTROL	1	-	1	-	1	-				
3	06.01913-2911	BOLT ASS'Y M6x16	2	-	2	-	2	-				
4	65.11600-6004	ENGINE CONTROL ASS'Y	1	-	1	-	1	-				
5	06.01913-3219	BOLT ASS'Y M10x40	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 M6x1.0R	1	-	1	-	1	-				
8	60.11613-6005	BEARING ; END M6x1.0L	1	-	1	-	1	-				
9	06.01923-2914	BOLT ASS'Y M6x22	2	-	2	-	2	-				
10	60.11613-6001	JOINT ; ANGLE	2	-	2	-	2	-				
11	06.04190-8806	BOLT M5x12	4	-	4	-	4	-				
12	06.16731-2104	WASHER ; SPRING	6	-	6	-	6	-				
13	06.11060-8211	NUT ; HEX. M5x0.8	2	-	2	-	2	-				

Fig.041 STARTER

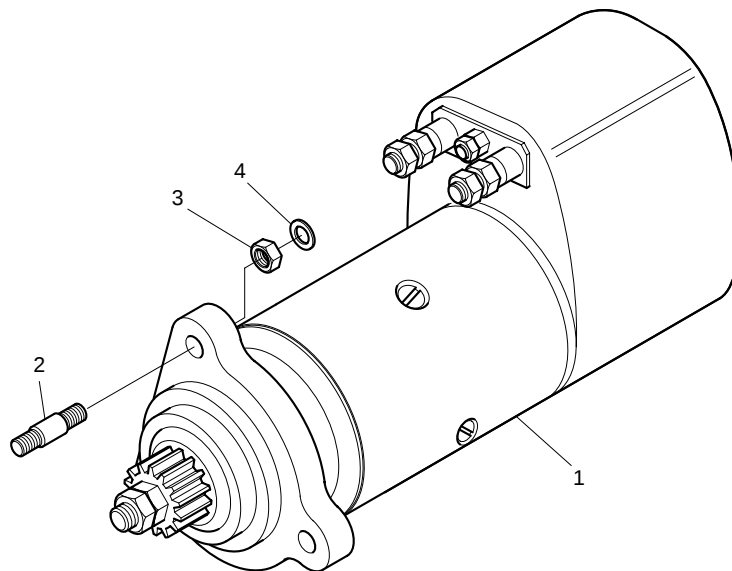


Fig.041 STARTER

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				
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. M12x1.5	3	3	3	3	3	3				

Fig.042 CLUTCH

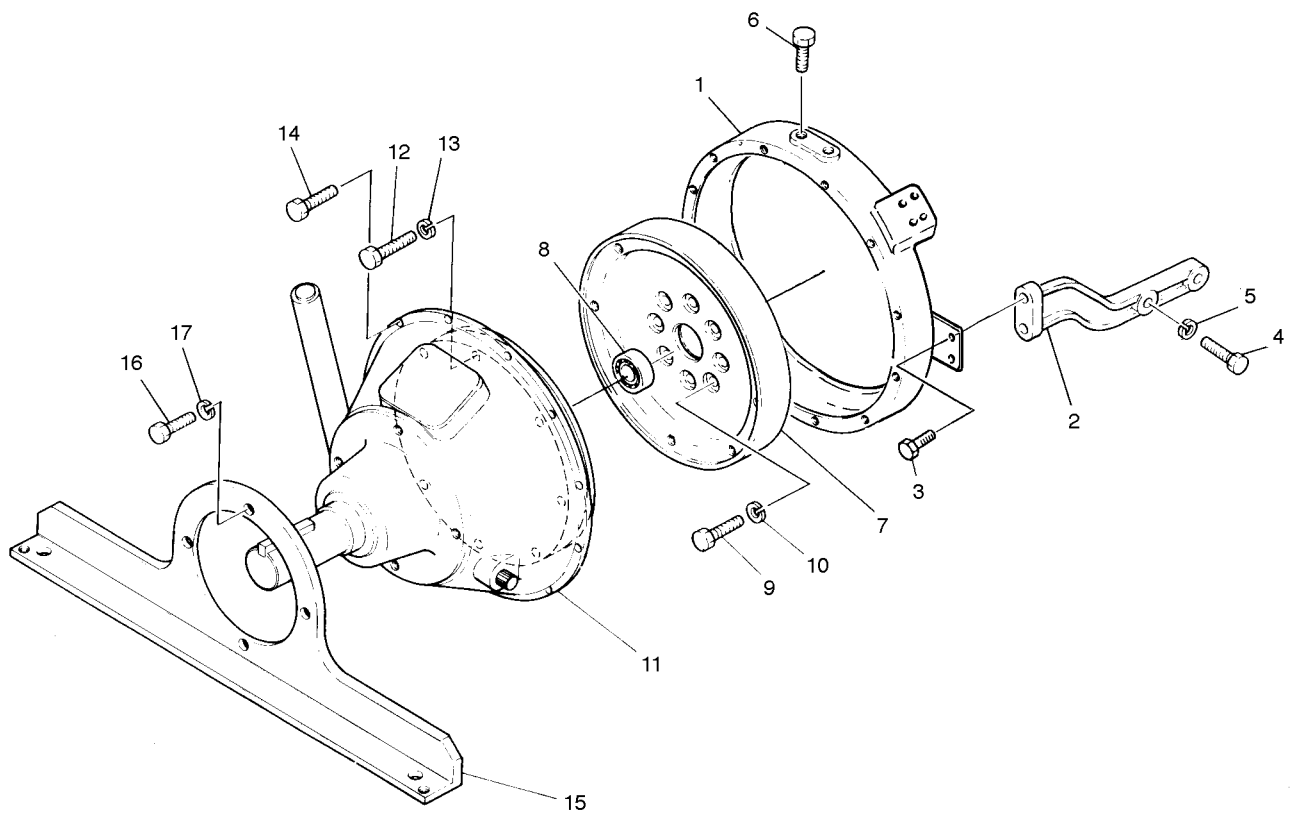


Fig.042 CLUTCH

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				
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 M12x1.5x45	4	-	4	-	4	-				
4	06.01283-7420	BOLT ; HEX. M14x45	4	-	4	-	4	-				
5	06.16731-2110	WASHER ; SPRING A14	4	-	4	-	4	-				
6	06.01913-3214	BOLT ASS'Y M10x22	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. M10x1.5x60	8	-	8	-	8	-				
13	06.16731-2108	WASHER ; SPRING A10	8	-	8	-	8	-				
14	06.01913-3218	HEX. BOLT ASS'Y M10x35	12	-	12	-	12	-				
15	60.41510-5020A	BRACKET ; PTO	1	-	1	-	1	-				
16	06.01733-4409	BOLT ; HEX. M14x1.5x25	4	-	4	-	4	-				
17	06.16731-2110	WASHER ; SPRING A14	4	-	4	-	4	-				

Fig.043 CHOCK LINER

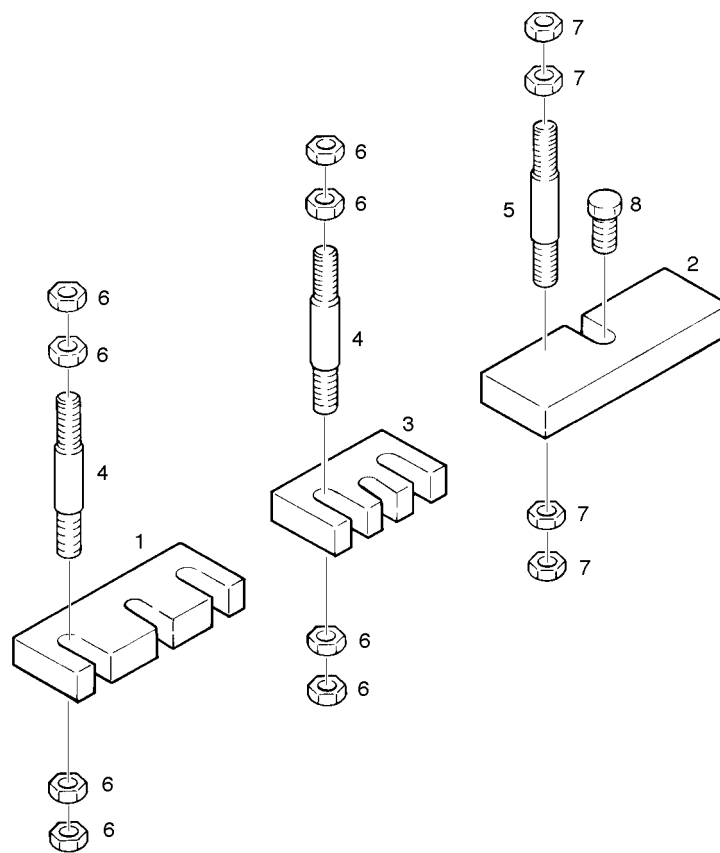


Fig.043 CHOCK LINER

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				
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. M16x1.5	32	-	32	-	32	-				
7	06.11063-9222	NUT ; HEX. M24x1.5	16	-	16	-	16	-				
8	60.90001-0026	BOLT ; HEX.	6	-	6	-	6	-				

Fig.044 GAUGE PANEL(1)

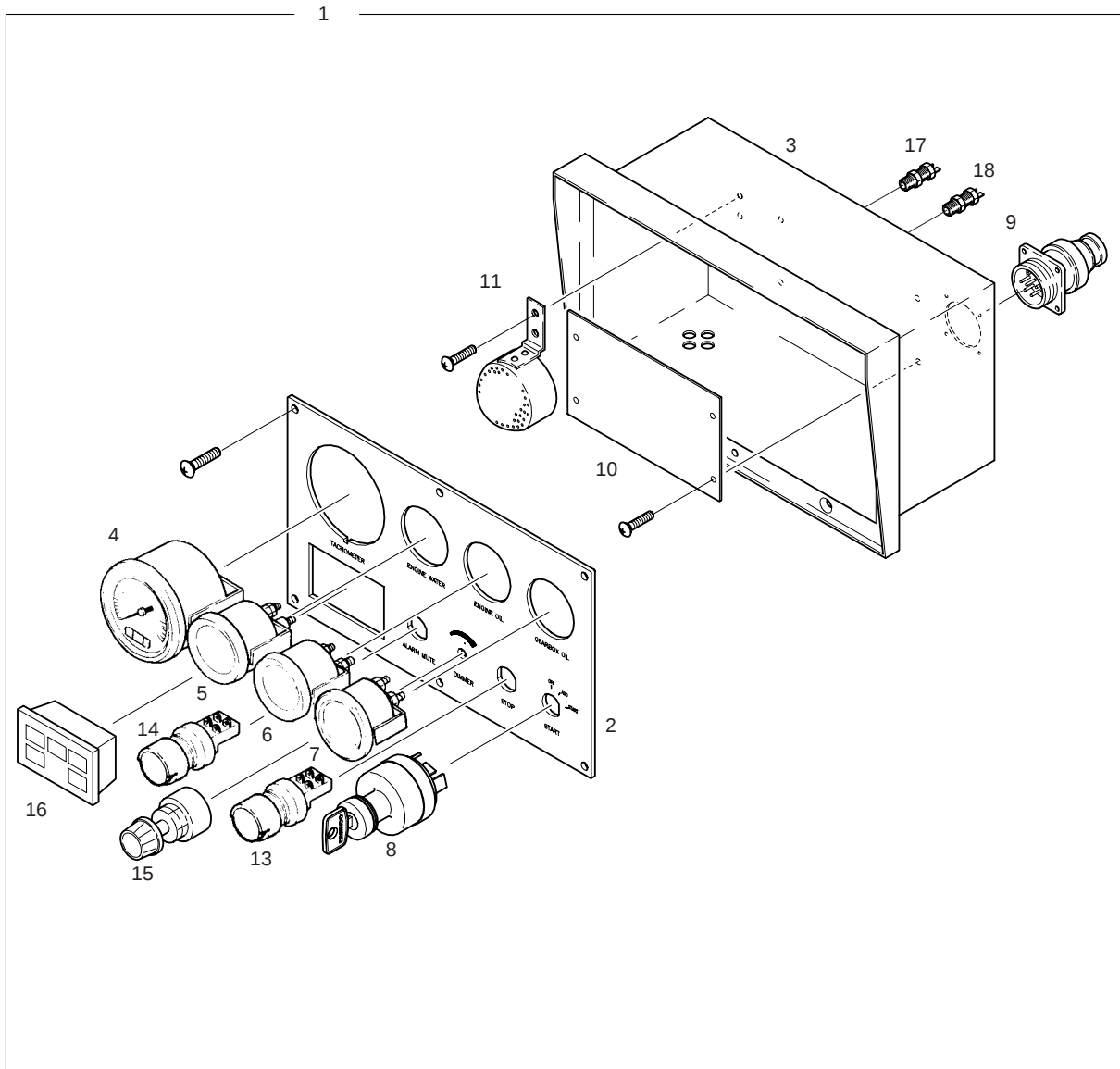


Fig.044 GAUGE PANEL(1)

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				
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	· · BREAKER ; CIRCUIT(5A)	1	-	1	-	1	-				
18	65.25502-6009	· · BREAKER ; CIRCUIT(2A)	1	-	1	-	1	-				

Fig.045 GAUGE PANEL(2)

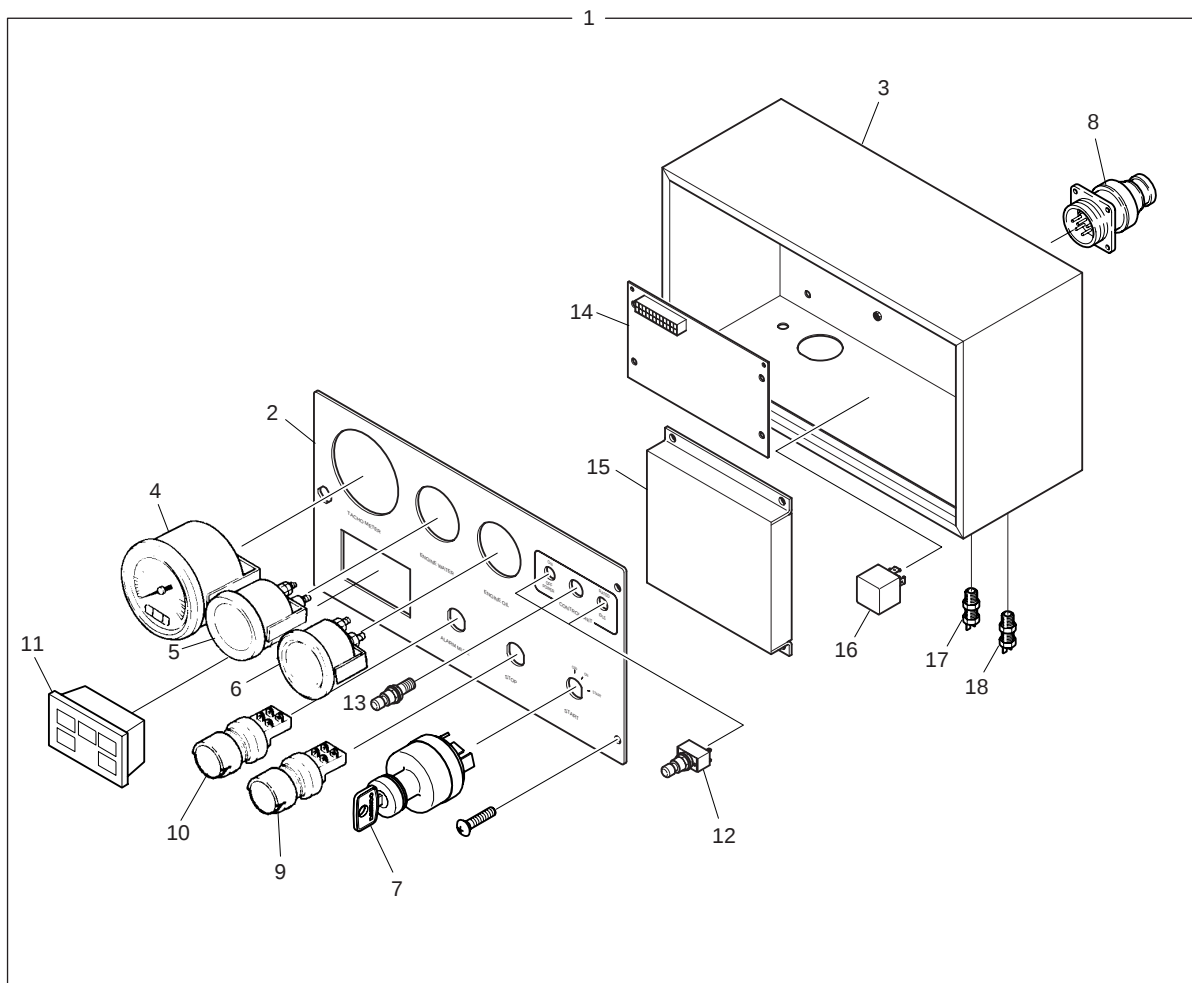


Fig.045 GAUGE PANEL(2)

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				
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	· · BREAKER ; CIRCUIT	-	1	-	1	-	1				
14	65.61750-6008	· · PCB	-	1	-	1	-	1				
15	65.11220-7006	· · CONTROLLER ; ACTUATOR	-	1	-	1	-	1				
16	65.98814-7009	· · RELAY	-	1	-	1	-	1				
17	65.25502-6007	· · BREAKER ; CIRCUIT(5A)	-	1	-	1	-	1				
18	65.25502-6009	· · BREAKER ; CIRCUIT(2A)	-	1	-	1	-	1				

Fig.046 ELECTRIC WIRE(1)

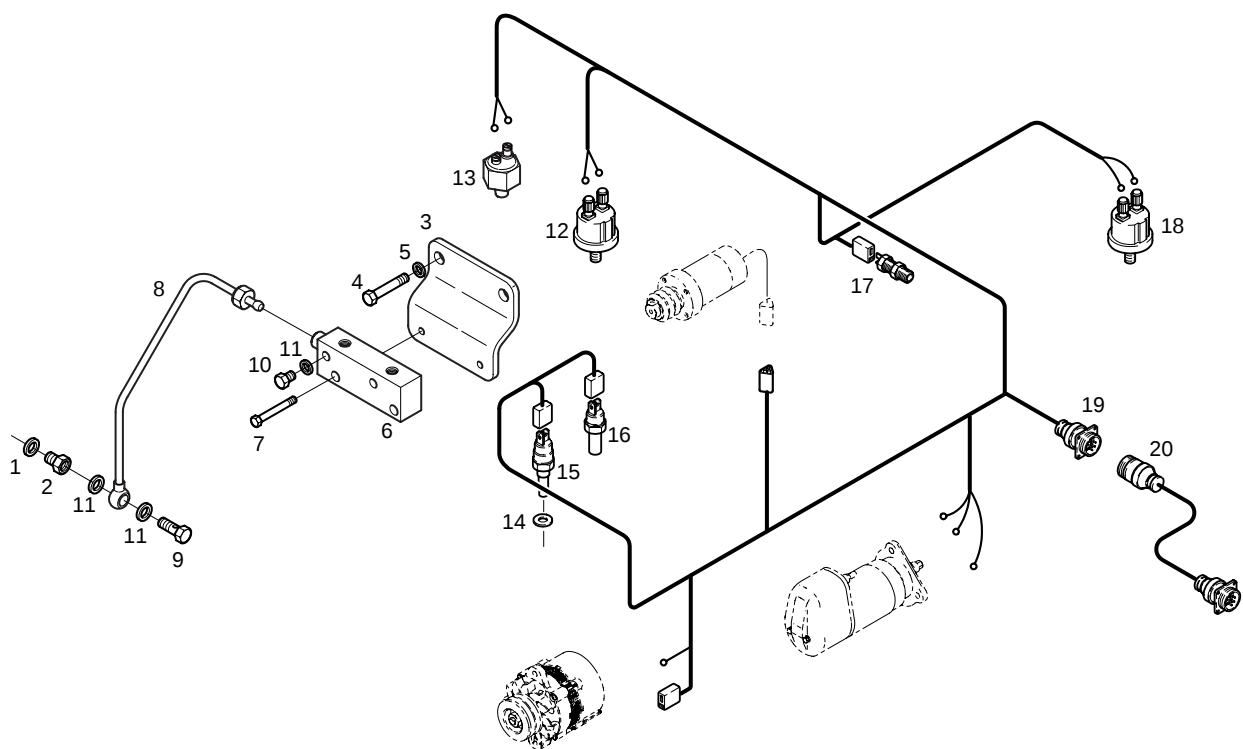


Fig.046 ELECTRIC WIRE(1)

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				
1	06.56190-0723	RING ; SEAL A30x36	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. M10x150	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 M12x35	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 AM10x1.0	2	-	2	-	2	-				
11	06.56180-0714	RING ; SEAL A10x15	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 A14x20	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.047 ELECTRIC WIRE(2)

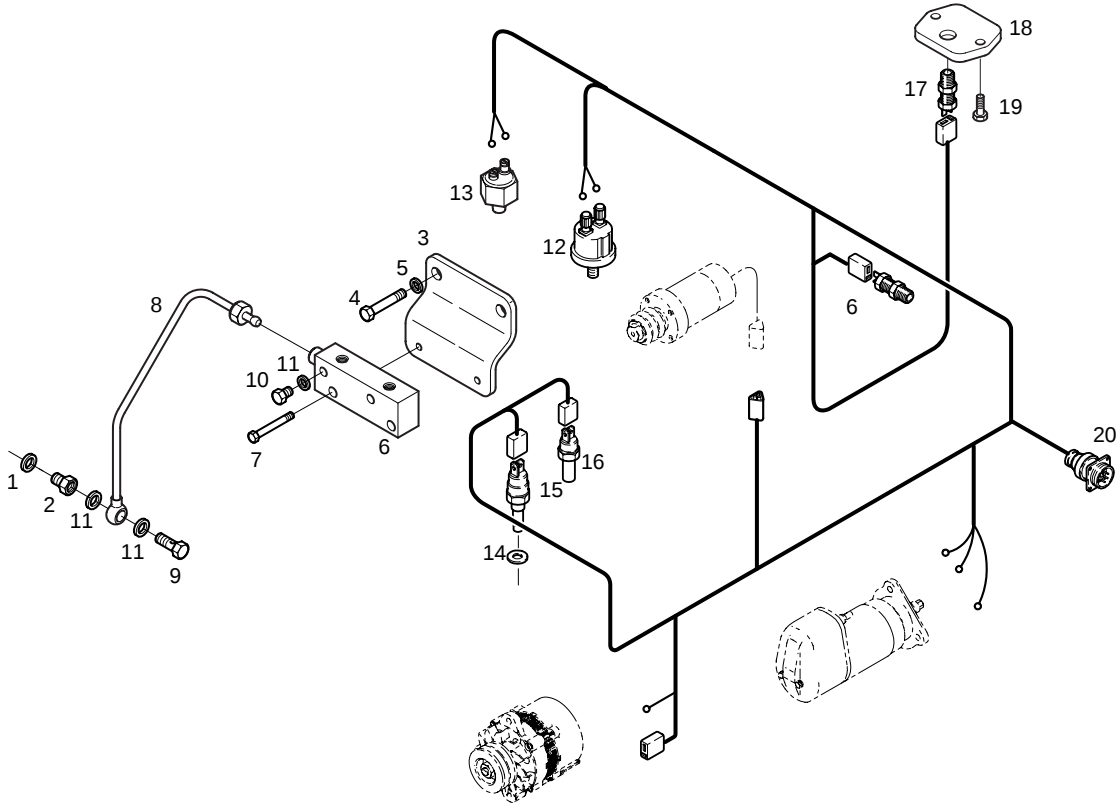


Fig.047 ELECTRIC WIRE(2)

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				
1	06.56190-0723	RING ; SEAL A24x32	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. M10x150	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 M12x35	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 AM10x1.0	2	-	2	-	2	-				
11	06.56180-0714	RING ; SEAL A10x15	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 A14x20	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 M8x25	2	-	2	-	2	-				
20	65.29101-6073	WIRE ; ELECTIRC	1	-	1	-	1	-				

Fig.048 IDLE PULLEY

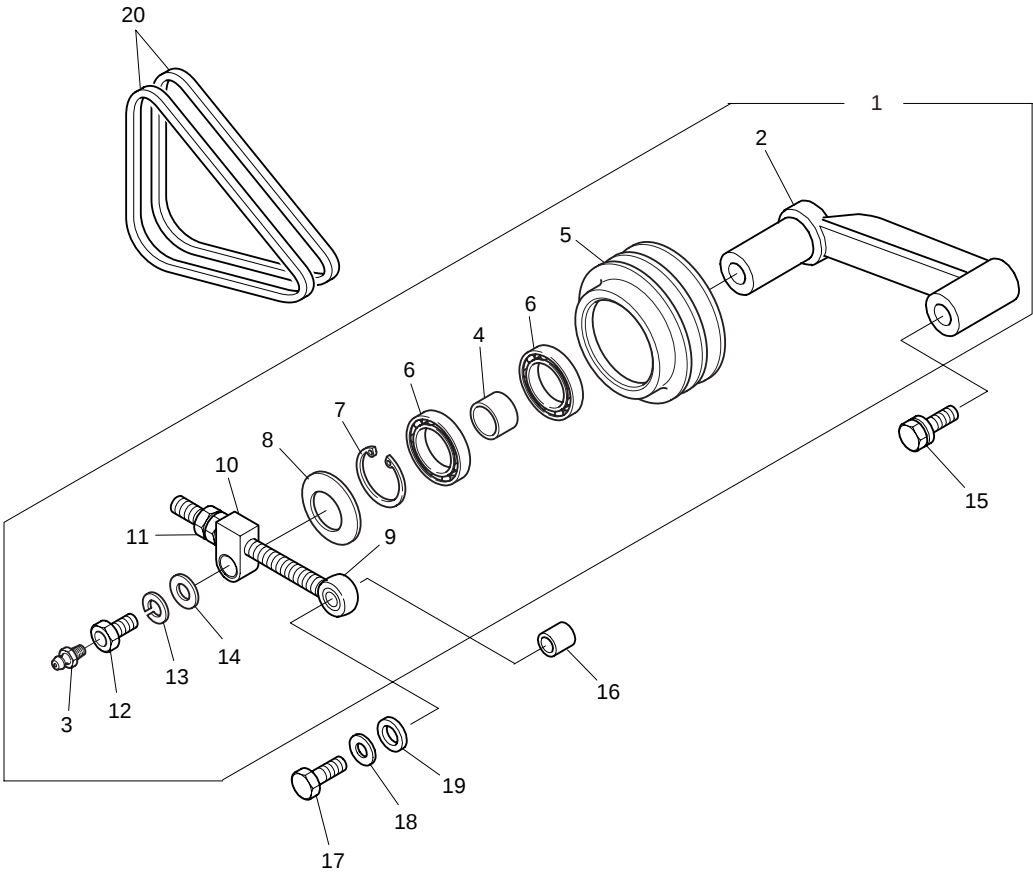


Fig.048 IDLE PULLEY

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				
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	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	· · 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. M12x75	1	1	1	1	1	1				
16	65.91701-0159	SPACER	1	1	1	1	1	1				
17	06.01013-9324	BOLT ; HEX. M12x95	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-BELT L=1260	1	1	-	-	-	-				
-	65.96801-0018	V-BELT L=1275	-	-	1	1	1	1				

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Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
04.27405-0204A	021	47	06.01493-4507	010	2	06.01913-3217	026	30
06.01013-9116	008	2		011	2		035	16
	013	13	06.01493-4509	021	31		036	4
	014	11		035	5	06.01913-3218	021	23
06.01013-9124	009	2		035	9		021	25
06.01013-9126	020	39	06.01494-4316	001	7		042	14
06.01013-9127	026	7	06.01494-4407	029	15	06.01913-3219	040	5
06.01013-9129	009	6	06.01733-4409	042	16	06.01913-3224	020	17
06.01013-9217	027	4	06.01913-2911	021	40	06.01913-3228	020	22
	042	12		034	13	06.01913-3234	020	16
06.01013-9227	026	11		040	3		038	1
06.01013-9230	046	4	06.01913-3113	008	12	06.01913-3318	001	45
	047	4		009	13		024	11
06.01013-9231	026	10	06.01913-3114	008	11	06.01923-2910	037	3
06.01013-9237	012	18		022	11		037	5
06.01013-9320	048	15		023	11	06.01923-2914	040	9
06.01013-9324	048	17	06.01913-3115	002	11	06.01923-3110	018	11
06.01014-7225	029	45		009	11	06.01923-3111	034	15
06.01014-9226	013	6		020	49	06.01923-3116	001	41
06.01014-9229	025	3		047	19	06.01923-3117	002	16
06.01283-6913	016	12	06.01913-3118	046	7		002	23
	017	15		047	7		015	18
	019	16	06.01913-3121	022	4		018	5
	021	28	06.01913-3122	015	12		020	38
	021	54		026	17		026	5
06.01283-7111	013	18	06.01913-3123	014	14		026	14
	014	12		020	48	06.01923-3120	006	17
06.01283-7113	013	4		026	6	06.01923-3122	023	19
06.01283-7118	014	15	06.01913-3124	026	21		024	6
06.01283-7218	034	32	06.01913-3126	008	9	06.01923-3125	006	16
	034	33	06.01913-3128	020	10	06.01923-3129	026	27
	036	12		023	20	06.01923-3132	026	26
06.01283-7420	021	61		024	5		030	21
	042	4	06.01913-3144	015	14	06.01923-3217	010	16
06.01283-7519	034	26	06.01913-3214	015	28		011	15
	036	6		021	63	06.01923-3226	034	22
06.01283-7720	036	2		042	6	06.01923-3228	026	9
06.01284-7112	029	40	06.01913-3215	008	8	06.01933-3118	016	3
06.01284-7115	013	21	06.01913-3216	034	31		017	3
06.01284-7117	013	20		036	11	06.01943-3317	010	23
06.01284-7218	013	5		038	10		011	22
	014	3		038	15		020	4
06.01284-7223	012	19	06.01913-3217	010	21		021	4
06.01493-4307	025	32		011	20		038	11
06.01493-4308	010	6		017	6	06.01943-3319	038	13
	011	6		021	3	06.01943-3320	021	60
06.01493-4311	025	31		021	39		042	3
06.01493-4317	025	41		021	51	06.01943-3323	020	32

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
06.01953-3317	027	10	06.11063-9218	043	6	06.16731-2108	047	5
06.01953-3318	034	21	06.11063-9222	043	7	06.16731-2109	001	46
06.02090-0410	012	15	06.12172-9316	029	29		010	7
06.02097-8513	019	10	06.15010-2311	020	11		011	7
06.02097-8517	019	9		026	8		025	9
06.02101-0717	002	26		026	22		025	23
06.02106-0622	042	9	06.15010-2312	012	21		025	33
06.02106-0824	004	19		027	6		041	3
06.04190-8806	040	11		048	14		048	13
06.06175-8309	041	2		048	19		048	18
06.06225-0706	027	19	06.15010-2316	029	17	06.16731-2110	021	62
06.06226-0806	021	11	06.15061-0103	029	46	06.16731-2110	042	5
06.08022-2207	006	8	06.15233-0105	038	6		042	17
06.08062-6208	012	12	06.15233-0150	008	13	06.16731-2111	010	4
06.08091-4604	022	14	06.16044-0208	001	32		011	4
06.08092-2404	020	19	06.16044-0210	013	14		021	32
06.08092-2405	023	15		013	19		034	27
	023	17		013	22		035	10
	027	23		014	13		036	7
06.08092-2406	020	41		014	16	06.16731-2113	036	3
06.08092-2424	025	35		026	12	06.22022-1063	001	20
	027	26	06.16044-0211	014	4	06.22022-3061	001	5
06.08095-4604	021	8	06.16044-0213	029	16	06.22022-3065	004	6
06.08095-4606	019	12	06.16110-0106	012	16	06.22022-3563	001	21
06.08095-4607	021	6	06.16110-0108	042	10	06.22180-0804	001	34
06.09153-3217	027	11	06.16110-0109	002	27	06.29010-0120	007	19
06.11060-8211	040	13	06.16731-2104	040	12	06.29020-0125	012	10
06.11063-8212	016	14	06.16731-2105	016	13	06.29020-0132	023	8
	017	17		017	16	06.29020-0136	048	7
	021	30		021	29	06.29030-2108	037	8
	021	56		021	55	06.31440-0913	048	6
06.11063-8214	008	14	06.16731-2106	019	17	06.31641-0615	001	19
	009	14	06.16731-2107	008	3	06.31649-0615	012	8
	026	23		009	3	06.38013-0101	048	3
	027	22		009	7	06.56011-0521	012	11
06.11063-8215	021	13		020	40	06.56026-0103	025	39
	027	7		027	21	06.56026-0308	019	8
	034	34	06.16731-2108	012	20	06.56027-0111	026	32
	035	17		013	7	06.56180-0712	030	18
	036	14		019	11	06.56180-0714	029	8
06.11063-8216	010	8		021	12		034	24
	011	8		025	4		046	11
06.11063-9216	025	10		027	5		047	11
	025	24		027	15	06.56190-0704	029	6
	025	34		036	13	06.56190-0706	001	30
	041	4		038	2		001	37
06.11063-9218	035	6		042	13		013	24
	035	11		046	5		014	18

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
06.56190-0706	015	3	06.56342-1208	020	44	60.06903-0013	021	50
	018	8	06.67020-0106	003	6	60.06903-0025A	020	15
	020	20	06.71010-0213	029	20	60.08116-0012	025	30
	021	9		029	34	60.08901-0015	025	29
	021	44	06.76030-0108	030	23	60.11610-7033	037	6
	022	15	06.78144-2204	021	45	60.11613-6001	040	10
	025	36		029	12	60.11613-6004	040	7
	027	27		029	24	60.11613-6005	040	8
	029	13		029	31	60.15101-5007	035	2
	029	21		029	37	60.15101-6002	035	1
	029	25		030	3	60.15202-0005	035	3
	029	28		034	6		035	7
	029	32		034	8	60.15902A0003	035	4
	029	35	06.78147-2808	010	20		035	8
	029	38		011	19	60.17630-5006A	038	3
	030	2	06.78190-2205	029	5	60.25301-6004	044	11
	030	12	51.01101-0450	001	1	60.25501-6001	045	12
	034	9	51.01102-6035	001	-	60.25909-0006	037	4
	046	14	51.01102-6233	001	1	60.27435-6003	046	18
	047	14	51.01510-0141	002	24	60.32610-8002	040	1
06.56190-0708	013	23	51.01510-0153	001	40	60.34800-7011	042	11
	014	20	51.01804-7026	003	1	60.34801-0030	042	7
06.56190-0709	023	14	51.02503-0661	005	8	60.34805-0007	042	1
	023	16	51.02503-0673	005	7	60.34840-0011	042	2
	027	24	51.03901-0338	006	13	60.41510-5020A	042	15
06.56190-0713	001	18	51.04104-0023	007	9	60.90001-0026	043	8
	016	5	51.06402-0062	020	43	60.90005-0034	043	5
	016	8	51.96501-0295	029	43	60.90201-0050	043	4
	017	8	51.96501-0322	029	42	60.91010-0011	037	7
	017	11	51.96501-0412	001	26	60.91701-0050	038	4
	019	13	60.01810-5001	019	14	60.93410-0006	042	8
	020	42	60.05101-7002	010	5	60.96340-5011	030	5
06.56190-0718	021	7		011	5	60.96605A0011	021	18
06.56190-0722	012	13	60.05701-0038	010	11	60.96605A0013	021	10
06.56190-0723	046	1	60.05903A0004	010	18		021	22
	047	1		011	17	60.96610-0918	019	15
06.56190-0726	001	14	60.06301-0065	021	24	60.96901-0002	021	41
	013	27	60.06301-0077	020	5	60.97401-0051	021	42
	014	23	60.06301-0086	020	14	60.97480-0010	021	34
	018	13	60.06301-5384A	020	1	60.97480-0011	021	35
	029	11	60.06301-5386	021	43	60.98201-7009	013	15
	034	29	60.06301-5387	021	17		014	19
	036	9	60.06405-0007	020	8	65.01101-0451	001	1
06.56190-0728	010	19	60.06800-7063	021	38	65.01101-0462	001	1
	011	18	60.06813-5010	021	58	65.01102-6037	001	-
	015	24	60.06813-5011	021	59	65.01102-6056	001	-
06.56190-0732	001	16		042	2	65.01102-6234	001	1
	013	29	60.06880-6008	021	5	65.01102-6235	001	1

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.01105-6013	001	4	65.03101-6067	006	1	65.05604-0012	013	2
65.01105-6014	001	2	65.03201-1040	006	3	65.05604-0018	013	1
65.01110-6529	004	8	65.03203-0184	006	5	65.05604-0023	014	1
65.01111-6539	004	9	65.03203-0242	006	4	65.05605-0026	013	11
65.01201-0312B	001	24	65.03401-0045A	006	14	65.05605-0035	014	9
65.01401-5003	002	1	65.03401-0059	006	15	65.05701-0009	010	12
65.01402-0008	002	18	65.03905-0015B	006	19	65.05701-0140	001	12
65.01402-5004C	002	21	65.04101-0367B	007	2	65.05701-5355	029	9
65.01402-5023	002	28	65.04101-0375B	007	1	65.05701-5357	029	9
	015	16	65.04102-0083A	007	6	65.05701-5360	029	9
65.01501-5017B	001	39	65.04102-0084A	007	7	65.05701-5467	010	17
65.01505-0007	004	7	65.04102-6007	007	5		011	16
65.01601-2016A	001	33	65.04103-0074	007	8	65.05701-5468	010	17
65.01601-5065	001	28	65.04200-6029	007	11		011	16
65.01802-0010	003	3	65.04201-1003	007	13	65.05701-5469	010	17
65.01803-0007	001	38	65.04201-5020	007	12		011	16
65.01810-5007	006	18	65.04202-5035	007	17	65.05701-5470	011	9
65.01903-0166	002	22	65.04205-0021	007	15	65.05701-5484	018	6
65.01903-0200	002	4	65.04301-0079	007	21	65.05701-5582	009	8
65.01903-0201	002	5	65.04302-0026	007	22	65.05701-5590	008	7
65.01903A0152	001	42	65.04401-0439	007	24	65.05701-5804	009	9
65.02101-0384	004	1	65.04401-0440	007	24	65.05701-5815	009	8
65.02101-0410	004	1	65.04401-0443	007	24	65.05701-5816	009	9
65.02101-0411	004	1	65.04401-6001	007	23	65.05701-5962A	015	5
65.02101-7498	004	1	65.04401-6002	007	23	65.05701-5963	015	20
65.02101-7537	004	1	65.04401-6003	007	23	65.05701-5965	015	6
65.02101-7539	004	1	65.04410-0078	001	8	65.05701-5966	015	15
65.02110-0101A	004	2	65.04410-0079	001	9	65.05701-5967	015	20
65.02110-0102	004	2	65.04902-0027	007	10	65.05701-5968	015	15
65.02110-0104A	004	2	65.05100-6043A	009	1	65.05701-6091	046	8
65.02110-0118	004	2	65.05100-6188	008	1		047	8
65.02115-0066	004	5	65.05140-5001	010	1	65.05740-0093	009	12
65.02130-0001	004	4		011	1	65.05740-0094	008	10
65.02130-0013	004	17	65.05401-5014	008	5	65.05801-5213	016	1
65.02201-0045	004	10	65.05401-5024	009	4	65.05801-5214	016	1
65.02201-7031	004	10	65.05501-7048	012	1	65.05801-5215	017	1
65.02301-0303C	004	13	65.05501-7077	018	1	65.05805-5206A	016	10
65.02301-5014	004	12	65.05503-0018	012	2	65.05805-5207A	016	10
65.02310-0073C	004	14	65.05510-5020A	012	14		017	13
65.02401-6020	005	1	65.05510-5030	018	2	65.05806-6084	016	9
65.02410-0100	005	3	65.05517-0008	012	3		017	12
65.02411-0008	005	2	65.05518-0005	012	5	65.05901-0014	013	3
65.02501-0702	005	4	65.05540-0018	002	14		014	2
65.02502-0081	005	5		018	3	65.05901A0019	017	5
65.02503-0678	005	9	65.05541-0001	012	9	65.05901A0080	012	17
65.02601-0165A	004	18	65.05550-0003	012	4	65.05902A0038	013	17
65.02601-0322	004	18	65.05601-7135	013	10	65.05902A0041	014	10
65.03101-1047	006	2		014	7	65.05903-0028	022	3

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.05903-0028	022	10	65.06500-6160	024	1	65.09500-7021	026	1
65.05903A0006	009	5	65.06501-0082	023	2	65.09901-0020	027	20
65.05903A0007	008	4	65.06503-0098	023	10	65.09901-0023	027	13
65.05904A0092	016	2	65.06504-0008	023	6	65.09904-0011A	026	2
65.05904A0093	016	2	65.06504-0013	023	9	65.10101-7053	028	1
65.05904A0105	017	2	65.06506-0025	023	5	65.10102-6070	028	2
65.06140-5010	021	2	65.06506-6001	023	4	65.10108-0006	028	3
65.06160-6015A	019	1	65.06512-0017	023	13	65.10301-6053	031	1
	021	1	65.06520-6007	023	3	65.10301-6054	031	2
65.06160-6016A	019	1	65.06901A0069	020	45	65.10301-6055	032	1
	021	1	65.06901A0074	023	18	65.10301-6056	032	2
65.06162-5002B	019	3		024	4	65.10301-6057	033	1
65.06162-5006A	019	3	65.06903-0070	020	47	65.10301-6058	033	2
65.06163-0008	019	5	65.06903B0010	020	3	65.11101-7301	029	1
65.06163-0009	019	4		024	10	65.11101-7302	029	1
65.06165-0008A	019	1	65.06907-0001	019	6	65.11101-7303	029	1
65.06168-0001A	019	2	65.06907-0002A	019	7	65.11101-7332	029	1
65.06301-0091	024	9	65.08101-6002	025	16	65.11101-7333	029	1
65.06301-0136	020	33	65.08101-6007	025	1	65.11101-7334	029	1
65.06301-0153	020	18	65.08101-6008	025	1	65.11101-7680	029	1
65.06301-0161	025	38	65.08101-6010	025	1	65.11101-7681	029	1
65.06301-0163	024	9	65.08101-6011	025	5	65.11101-7682	029	1
65.06301-0678	024	9	65.08112-5009A	027	17	65.11165-0014	040	2
65.06301-0685	020	25	65.08112-5010A	027	18	65.11220-7006	029	3
65.06301-0686	020	27	65.08116-0010	025	40		045	15
65.06301-0750	021	26	65.08201-5250A	026	24	65.11300-6001	007	25
65.06301-0751	021	26	65.08201-5366	026	24	65.11301-0115A	029	39
65.06301-0752	021	26	65.08201-5400	026	24	65.11501-7006	029	2
65.06301-0753	020	46	65.08202-0141	027	2	65.11600-6004	040	4
65.06301-0754	020	36	65.08203-0001	026	28	65.11601-6001	040	6
65.06301-5049	022	8	65.08301-6015	027	12	65.11601-6002	040	6
65.06301-5074	022	9	65.08301-6016	027	12	65.11601-6003	040	6
65.06301-5195A	021	14	65.08901-0023B	025	2	65.12301-0001	029	18
65.06301-5196	021	16	65.08902-0078	026	25	65.12301-0002	029	33
65.06301-5197	021	16	65.08902A0057	026	4	65.12301-0003	029	33
65.06301-5210	021	49		026	29	65.12301-0004	029	22
65.06301-5211	021	49	65.09100-7091	027	1	65.12301-0005A	029	22
65.06301-5212	021	49	65.09100-7092	027	1	65.12301-0006	034	1
65.06301-5213	022	1	65.09411-0094	026	3	65.12301-0007	034	2
65.06301-5214	022	1	65.09411-0105	026	33	65.12301-0008	034	2
65.06301-5237	021	15	65.09411-0106	026	34	65.12301-0009	034	2
65.06301-5738	022	9	65.09411-0107	026	13	65.12301-5142	028	7
65.06301-5740	022	8	65.09411-0108	026	33	65.12301-5143	028	7
65.06301-5741	022	2	65.09411-0109	026	34	65.12301-5144	028	7
65.06301-5801	021	15	65.09411-0111A	026	31	65.12301-5215	030	11
65.06301-6056	020	26	65.09411-0112A	026	31	65.12301-5831B	029	30
65.06320-0001	023	12	65.09411-0113A	026	31	65.12301-6002	030	13
65.06500-6160	023	1	65.09500-7002	026	1	65.12301-6003	030	14

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.12340-0001	029	14	65.27401-6004	045	5	65.90020-0293	001	6
65.12501-7018	029	26	65.27405-6003	046	15	65.90030-0001	013	8
	030	4		047	15		014	5
65.12501-7034A	034	16	65.27415-6002	046	16	65.90030-0015	004	11
65.12503-5017	034	18		047	16	65.90030-0046A	004	3
65.12504-5018A	034	17	65.27431-6002	044	6	65.90030-0048A	004	3
65.12509-5002	034	10		045	6	65.90201-0072	025	13
65.12540-5027	034	19	65.27431-6003	044	7		025	26
65.15201-5005	035	12	65.27441-6001	046	13		027	14
65.15211-5003	035	14		047	13	65.90201-0144	025	8
65.15901-0010	035	15	65.27441-7009	046	12		025	22
65.16301-5009	029	4		047	12	65.90310-0033	046	10
65.16301-5010	029	4	65.27480-6001	019	18		047	10
65.16301-5011	029	4	65.29101-0002	039	3	65.90310-0123	027	25
65.19102-5049	038	9	65.29101-0003	039	4	65.90310-0131	001	17
65.19103-5027	038	14	65.29101-6072	046	19	65.90310-0133	013	25
65.19103-6009A	038	12	65.29101-6073	047	20		014	21
65.19107-0004	048	10	65.29101-8001	046	20	65.90310-0134	001	15
65.19202-5004	036	1	65.41530-0127A	002	25		013	28
65.19202-5006	034	25	65.41530-5081	001	43	65.90310-0135	001	29
	036	5	65.41530-5087	001	44	65.90310-0149	001	13
65.25210-6002	044	16	65.41560-0004	043	1	65.90441-0015	048	9
	045	11	65.41560-0005	043	2	65.90501-0047	027	16
65.25501-6001	044	13	65.41560-0006	043	3	65.90501-0049	007	16
	045	9	65.54901-0022	002	15	65.90620-0030	048	11
65.25501-6002	044	14		015	17	65.90701-0091	013	9
	045	10		018	4		014	6
65.25501-6003	044	15	65.61700-6021	044	1	65.90701-0103	007	3
65.25501-7001	044	8	65.61700-6022	045	1	65.90701-0104	007	4
	045	7	65.61710-0004	044	2	65.90701-0136B	007	18
65.25502-6005	045	13	65.61710-0005	045	2	65.90710-0001A	029	41
65.25502-6007	044	17	65.61713-5002A	045	3	65.90710-0080	026	20
	045	17	65.61713-5006	044	3	65.90710-0250A	015	1
65.25502-6009	044	18	65.61750-6008	044	10	65.90720-0109	002	2
	045	18		045	14	65.90810-0011	005	6
65.25900-6008	037	1	65.90001-0129	001	31	65.91301-0071	001	3
65.25909-5013	037	2	65.90001-0146A	007	20	65.91303-0005	004	15
65.26101-7139	038	8		029	44	65.91605-0013	001	22
65.26201-7123	041	1	65.90020-0054C	002	8	65.91606-0037	001	10
65.26609-0003	039	5	65.90020-0062B	004	11		006	6
65.26609-0004	039	6	65.90020-0065	002	3	65.91606-0039	001	11
65.26810-0008	044	9	65.90020-0068	038	5	65.91606-0041	006	7
	045	8	65.90020-0127	004	16	65.91615-0017	021	57
65.27101-6002	044	4	65.90020-0183B	002	7	65.91701-0080	048	4
	045	4	65.90020-0223	002	6	65.91701-0086	015	11
65.27103-7002C	046	17	65.90020-0268	006	10	65.91701-0121	030	20
	047	17	65.90020-0269	006	11	65.91701-0159	048	16
65.27401-6004	044	5	65.90020-0270	006	12	65.91701-0182	048	8

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.91701-0183	034	5	65.96601A0241	015	13	65.97480-5012	027	9
65.91701-0184	030	19	65.96801-0017	021	64	65.97601-0083	012	6
65.91701-0189A	018	10		038	7	65.97601-0103	012	7
65.91701-0273	021	33	65.96801-0018	048	20	65.98103-0020A	015	2
65.91701-0274	001	23	65.96801-0064	021	64	65.98103-0027	030	16
65.91701-0532	034	20		038	7	65.98103-0028	030	15
65.91701-0549	034	28	65.96801-0095	048	20	65.98103-6001	029	19
	036	8	65.97401-0110A	015	10		029	23
65.93020-1011	007	14		018	9		034	3
65.93410-0024	023	7		034	14		034	4
65.95800-7019	048	1	65.97401-0210	021	27	65.98103-6002	029	36
65.95820-0024	048	5		021	52	65.98103-6003	034	4
65.95840-0088	048	2	65.97401-0500	022	16	65.98112-0031	017	4
65.96301-0261	021	36	65.97408-0422	009	15	65.98130-0005	034	23
65.96301-0263	020	29	65.97440-0045	021	48	65.98130-0087	030	1
	020	34	65.97440-0097	020	7	65.98130-0112A	012	22
	020	50		020	13		046	2
65.96301-0269	020	12		024	13		047	2
65.96301-0271	020	6	65.97440-0099	021	21	65.98130-0116	048	12
	024	12	65.97440-0100	020	24	65.98130-0126	010	9
65.96301-0275	021	19		020	30	65.98130-0127	002	10
65.96301-0281	022	6		020	35		047	18
	022	12		020	51	65.98130-0128	030	10
65.96301-0327	010	13	65.97440-0102	021	37	65.98130-0129	046	6
	011	12	65.97440-0103	010	14		047	6
	015	25		011	13	65.98130-0132A	016	4
65.96301-0370	003	4		015	26		017	7
65.96310-0263	020	23		022	7	65.98130-0133A	016	6
65.96340-5037	030	22		022	13		017	9
65.96401-0007	002	9	65.97450-5001	026	36	65.98130-0151	029	10
65.96501-0032B	003	2	65.97480-0179	026	18	65.98130-0178	013	16
65.96501-0059	001	25		026	18		014	17
65.96501-0075	027	3	65.97480-0183	021	53	65.98130-0180	013	26
65.96501-0078	001	27	65.97480-0190	010	15		014	22
65.96501-0260A	002	19		011	14		018	12
65.96501-0348	028	6	65.97480-0191	034	30	65.98131-0060	021	46
65.96501-0420	026	35		036	10		002	12
65.96507-0003	034	11	65.97480-0193	046	3		015	21
65.96507-0040A	002	13		047	3	65.98131-0136	022	5
65.96601-0054	020	21	65.97480-0197	016	11	65.98150-0029	034	7
65.96601-0055	008	6		017	14	65.98150-0042A	030	17
	009	10	65.97480-0618A	026	16	65.98150-0044A	015	4
65.96601-0057	020	31	65.97480-0619	026	18	65.98150-0051	001	36
65.96601-0221B	013	12	65.97480-0620	026	18	65.98150-0053	029	7
	014	8	65.97480-0624	010	22		046	9
65.96601-7002	039	1		011	21		047	9
65.96601A0237	001	35	65.97480-5010	034	12	65.98150-0057	028	9
65.96601A0240	015	27	65.97480-5011	027	8	65.98150-0064	029	27

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.98150-0074	018	7						
65.98150-0075A	016	7						
	017	10						
65.98150-0080	028	8						
65.98201-6001	010	10						
65.98701-0006	028	5						
65.98701-0065	028	4						
65.98814-7009	045	16						
66.29101-0022	039	2						
67.06901A0001	020	37						
67.15902A0012	035	13						