

Parts Book

선박 엔진

MARINE ENGINE

**L136, L136T,
L136TI, L086TI**

선박 발전기 엔진

MARINE GENERATOR ENGINE

**AD136, AD136T,
AD136TI, AD086TI**

AD136/136T/136TI/086TI

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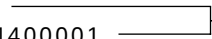
2004. 09.

FOREWORD

- This parts list is shown the equipment components parts of 『DAEWOO Marine Engine L136/136T/136TI/086TI and Marine Generator Engine AD136/136T/136TI/086TI』.

1. HOW TO ORDER PARTS

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

- Ex. 1) Model of Machine : L086TI  Shown on cylinder block
2) Machine Serial No. : EBPKM400001
3) Part No. : 65.01201-0050
4) Description : Liner ; Cylinder
5) Q'ty : 6
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.

Service code : 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 paart 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.

- 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.

Sep. 2004.

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- (After Service Network)
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Fig.010 CYLINDER BLOCK

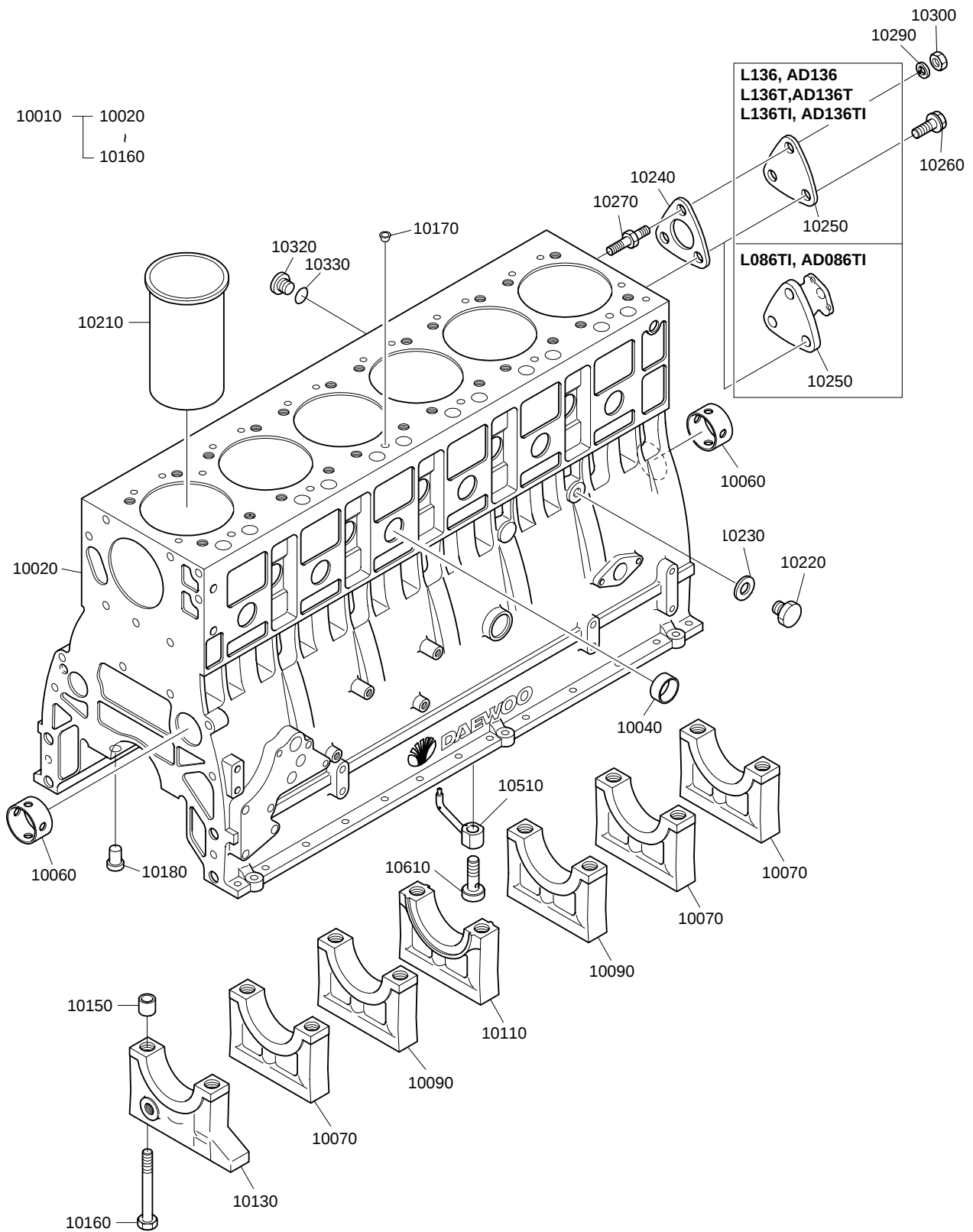


Fig.010 CYLINDER BLOCK

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L T	AD T	L TI	AD TI	L TI	AD TI			
10010	65.01101-6041G		CYLINDER BLOCK ASS Y(NA)	1	1	-	-	-	-	-	-			
-	65.01101-6040H		CYLINDER BLOCK ASS Y(TC)	-	-	1	1	1	1	-	-			
-	65.01101-6046E		CYLINDER BLOCK ASS Y(TC)	-	-	-	-	-	-	1	1			
10020	65.01101-0041	•	• BLOCK ; CYLINDER(NA)	1	1	-	-	-	-	-	-			
-	65.01101-0040M	•	• BLOCK ; CYLINDER(TC)	-	-	1	1	1	1	1	1			
10040	65.91606-0037	•	• PLUG ; CORE HOLE	9	9	9	9	9	9	9	9			
10060	65.04410-0017	•	• BUSH ; CAMSHAFT	4	4	4	4	4	4	4	4			
10070	65.01105-1172B	•	• CAP ; BEARING NO.1,2,6	3	3	3	3	3	3	-	-			
-	65.01105-1173C	•	• CAP ; BEARING NO.1,2,6	-	-	-	-	-	-	3	3			
10090	65.01105-1160F	•	• CAP ; BEARING NO.3,5	2	2	2	2	2	2	-	-			
-	65.01105-1176C	•	• CAP ; BEARING NO.3,5	-	-	-	-	-	-	2	2			
10110	65.01105-1156D	•	• CAP ; BEARING NO.4	1	1	1	1	1	1	-	-			
-	65.01105-1174C	•	• CAP ; BEARING NO.4	-	-	-	-	-	-	1	1			
10130	65.01105-1164E	•	• CAP ; BEARING NO.7	1	1	1	1	1	1	-	-			
-	65.01105-1175C	•	• CAP ; BEARING NO.7	-	-	-	-	-	-	1	1			
10150	65.91710-0035B	•	• RING ; LOCATING	14	14	14	14	14	14	14	14			
10160	65.90020-0035B	•	• BOLT ; COLLARED HEX.	14	14	14	14	14	14	14	14			
10170	65.91001-0002		PLUG	2	2	2	2	2	2	2	2			
10180	65.91020-0013		PLUG	1	1	1	1	1	1	1	1			
10190	65.90310-0048		SCREW ; PLUG M10×1.5	6	6	6	6	6	6	6	6			
10200	06.056180-0714		RING ; SEAL A10×15	6	6	6	6	6	6	6	6			
10210	65.01201-0050		LINER ; CYLINDER	6	6	6	6	6	6	6	6			
10220	65.90310-0091		SCREW ; PLUG M12×1.5×20	1	1	1	1	1	1	1	1			
10230	06.56190-0704		RING ; SEAL A12×18	1	1	1	1	1	1	1	1			
10240	65.96601A0042	가	GASKET ; FLANGE	1	1	1	1	1	1	1	1			
10250	65.91605-0006B		COVER ; CORE HOLE	1	1	1	1	1	1	-	-			
-	65.91605-5003		COVER ; CORE HOLE	-	-	-	-	-	-	1	1	S		
10260	06.01913-3115		BOLT ASS Y M8×25	2	2	2	2	2	2	2	2			
10270	65.90201-0037		BOLT ; STUD M8×47	-	-	-	-	-	-	1	1			
-	06.06225-0706		BOLT ; STUD M8×25	1	1	1	1	1	1	-	-			
10290	06.16731-2107		WASHER ; SPRING A8	1	1	1	1	1	1	2	2			
10300	06.11063-8214		NUT ; HEX. M8	1	1	1	1	1	1	1	1			
10320	65.90310-0109		SCREW ; PLUG M16×2×11	1	1	1	1	1	1	1	1			
10330	06.56190-0709		RING ; SEAL A16×20	1	1	1	1	1	1	1	1			
10510	65.01601-6003		NOZZLE ; OIL SPRAY	-	-	6	6	6	6	-	-			
-	65.01601-6005		NOZZLE ; OIL SPRAY	-	-	-	-	-	-	6	6			
10610	65.05405-6001		VALVE ; RELIEF	-	-	6	6	6	6	6	6			
10830	06.56190-0704		RING ; SEAL A12×18	-	-	1	1	1	1	-	-			
10850	06.08092-2403		SCREW ; PLUG M12×1.5	-	-	1	1	1	1	1	1			
10860	06.56190-0704		RING ; SEAL A12×18	-	-	1	1	1	1	1	1			

Fig.020 TIMING GEAR CASE

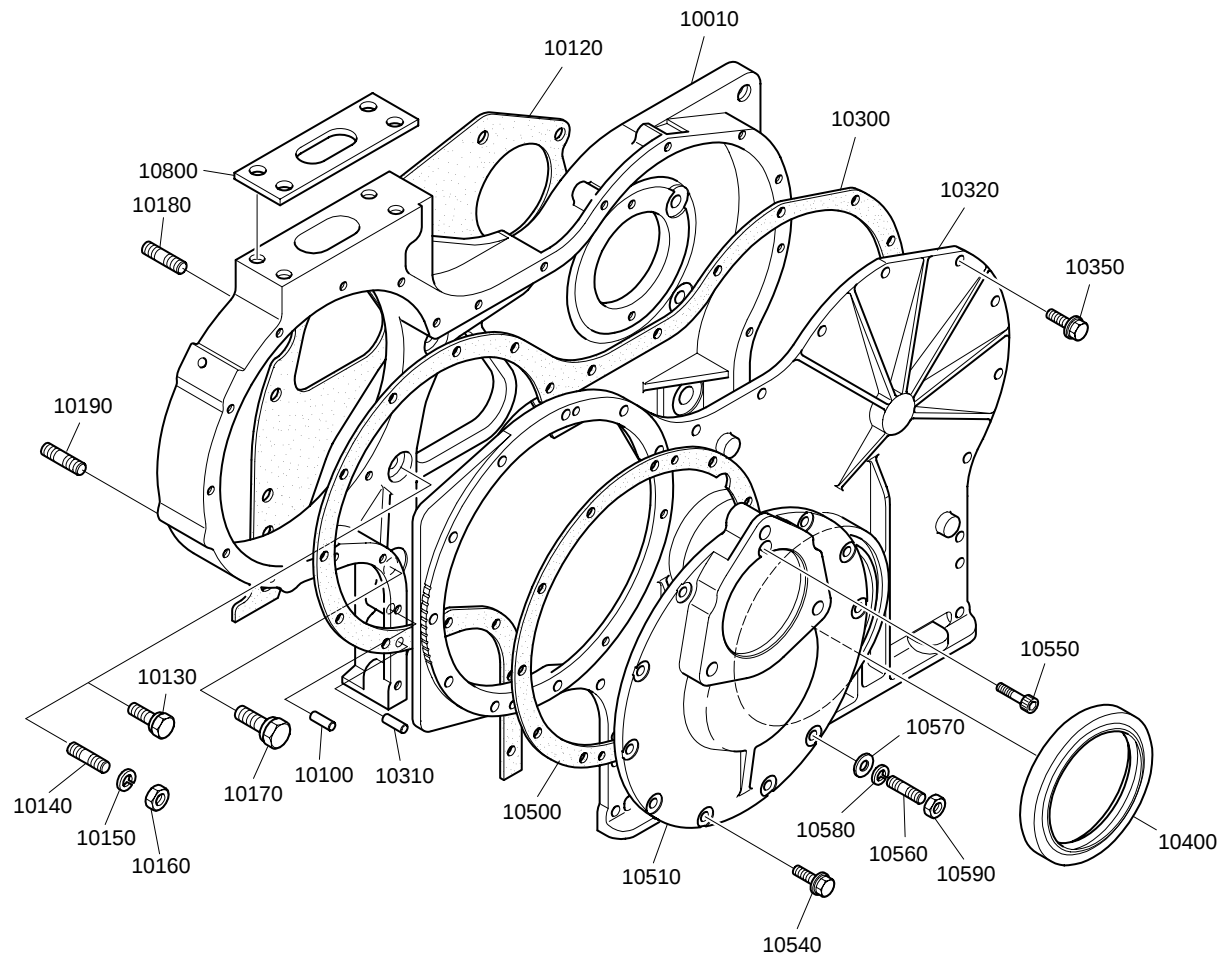
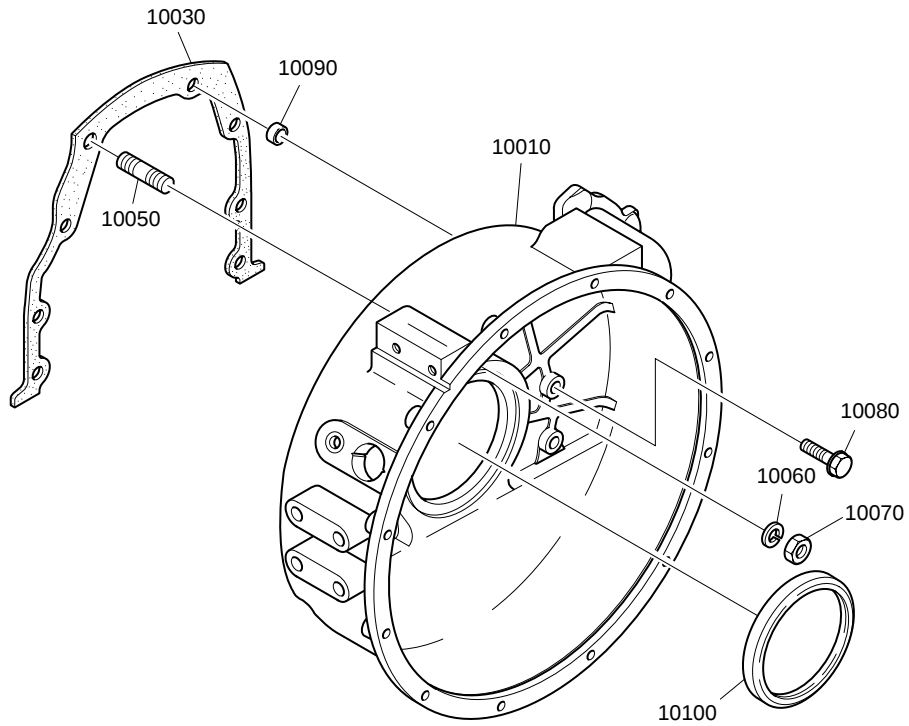


Fig.020 TIMING GEAR CASE

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.01304-0010N		CASE ; TIMING GEAR	1	1	1	1	1	1	1	1			
10100	06.22022-1013		PIN ; DOWEL M8×24	2	2	2	2	2	2	2	2			
10120	65.01903C0021	가	GASKET ; TIMING GEAR CASE	1	1	1	1	1	1	1	1			
10130	06.01913-3113		BOLT ASS Y M8×20	5	5	5	5	5	5	5	5			
10140	06.06225-0704		BOLT ; STUD M8×20	1	1	1	1	1	1	1	1			
10150	06.16731-2107		WASHER ; SPRING A8	1	1	1	1	1	1	1	1			
10160	06.11063-8214		NUT ; HEX. M8	1	1	1	1	1	1	1	1			
10170	06.01943-3317		BOLT ASS Y M12×1.5×30	4	4	4	4	4	4	4	4			
10180	65.90201-0048		BOLT ; STUD M10×33	1	1	1	1	1	1	1	1			
10190	06.06225-0809		BOLT ; STUD M10×35	6	6	6	6	6	6	6	6			
10300	65.01903B0113	가	GASKET ; TIMING GEAR CASE COVER	1	1	1	1	1	1	1	1			
10310	06.22022-0907		PIN ; DOWEL 6M6×10	2	2	2	2	2	2	2	2			
10320	65.01305-5028C		TIMING GEAR CASE COVER ASS Y	1	1	1	1	1	1	1	1			
10350	06.01923-2914		BOLT ASS Y M6×22	13	13	13	13	13	13	13	13			
10400	65.01510-0157	()	SEAL ; CRANK SHAFT(FRONT)	1	1	1	1	1	1	1	1			
10500	65.01903B0029	가	GASKET ; TIMING GEAR CASE COVER	1	1	1	1	1	1	1	1			
10510	65.01307-0047		COVER ; TIMING GEAR CASE	1	1	1	1	1	1	1	1			
10540	06.01923-2918		BOLT ASS Y M6×35	8	8	8	8	8	8	8	8			
10550	06.02090-0314		BOLT : SOCKET	1	1	1	1	1	1	1	1			
10560	65.90201-0146		BOLT ; STUD M6×16	2	2	2	2	2	2	2	2			
10570	06.15010-2309		WASHER ; PLAIN 6.4	2	2	2	2	2	2	2	2			
10580	06.16731-2105		WASHER ; SPRING A6	2	2	2	2	2	2	2	2			
10590	06.11063-8212		NUT ; HEX. M6	2	2	2	2	2	2	2	2			
10800	65.54903A0013	가	GASKET	1	1	1	1	1	1	-	-			

Fig.030 FLYWHEEL HOUSING

L136, AD136, L136T, AD136T, L136TI, AD136TI



L086TI, AD086TI

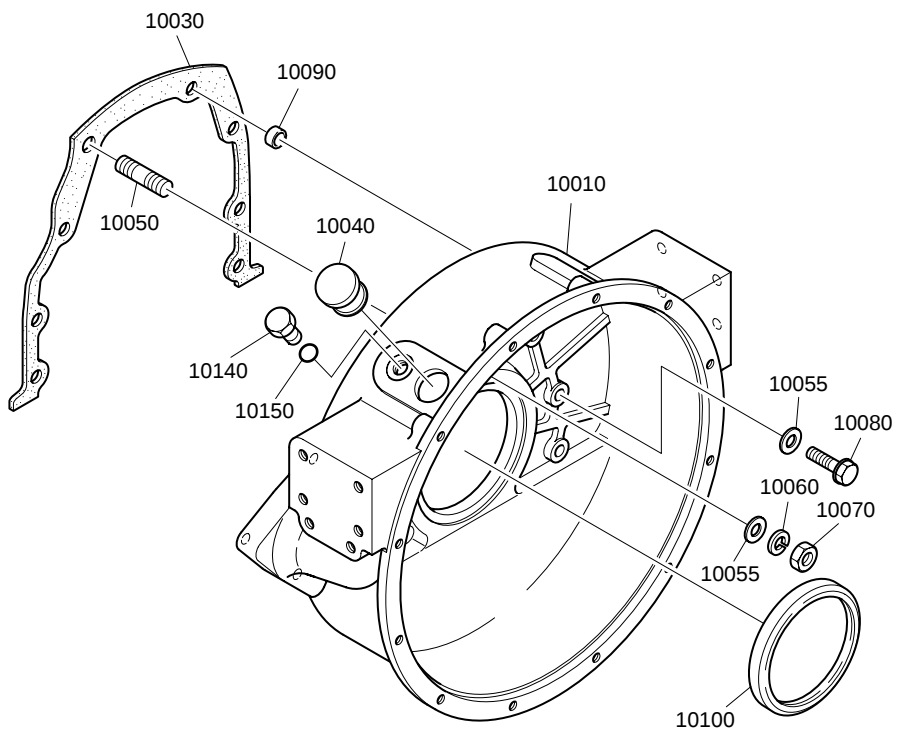


Fig.030 FLYWHEEL HOUSING

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.01401-0221	가 ()	HOUSING ; FLYWHEEL(SAE#2)	1	1	1	1	1	1	-	-			L136TL
-	65.01401-0242		HOUSING ; FLYWHEEL(SAE#2)	-	-	1	-	-	-	1	1			
10030	65.01903A0207		GASKET ; FLYWHEEL HOUSING	1	1	1	1	1	1	1	1			
10040	65.96002-0003		PLUG ; RUBBER	1	1	1	1	1	1	1	1			
10050	65.90201-0049		BOLT ; STUD M12×1.5×35	1	1	1	1	1	1	1	1			L136TL
10055	06.15010-2313		WASHER ; PLAIN 12	-	-	6	-	-	-	6	6			
10060	06.16731-2109		WASHER ; SPRING A12	1	1	1	1	1	1	1	1			
10070	06.11063-9216		NUT ; HEX. M12×1.5	1	1	1	1	1	1	1	1			
10080	06.01943-3319		BOLT ASS 'Y M12×1.5×40	9	9	9	9	9	9	9	9			
10090	65.91710-0023		RING ; INTERMEDIATE	2	2	2	2	2	2	2	2			
10100	65.01510-0037		SEAL ; OIL REAR(ALT V)	1	1	1	1	1	1	1	1			
10140	06.08092-2405		SCREW ; PLUG M16×1.5	-	-	-	-	-	-	1	1			
10150	06.56190-0709		RING ; SEAL A16×22	-	-	-	-	-	-	1	1			

Fig.040 CRANK SHAFT

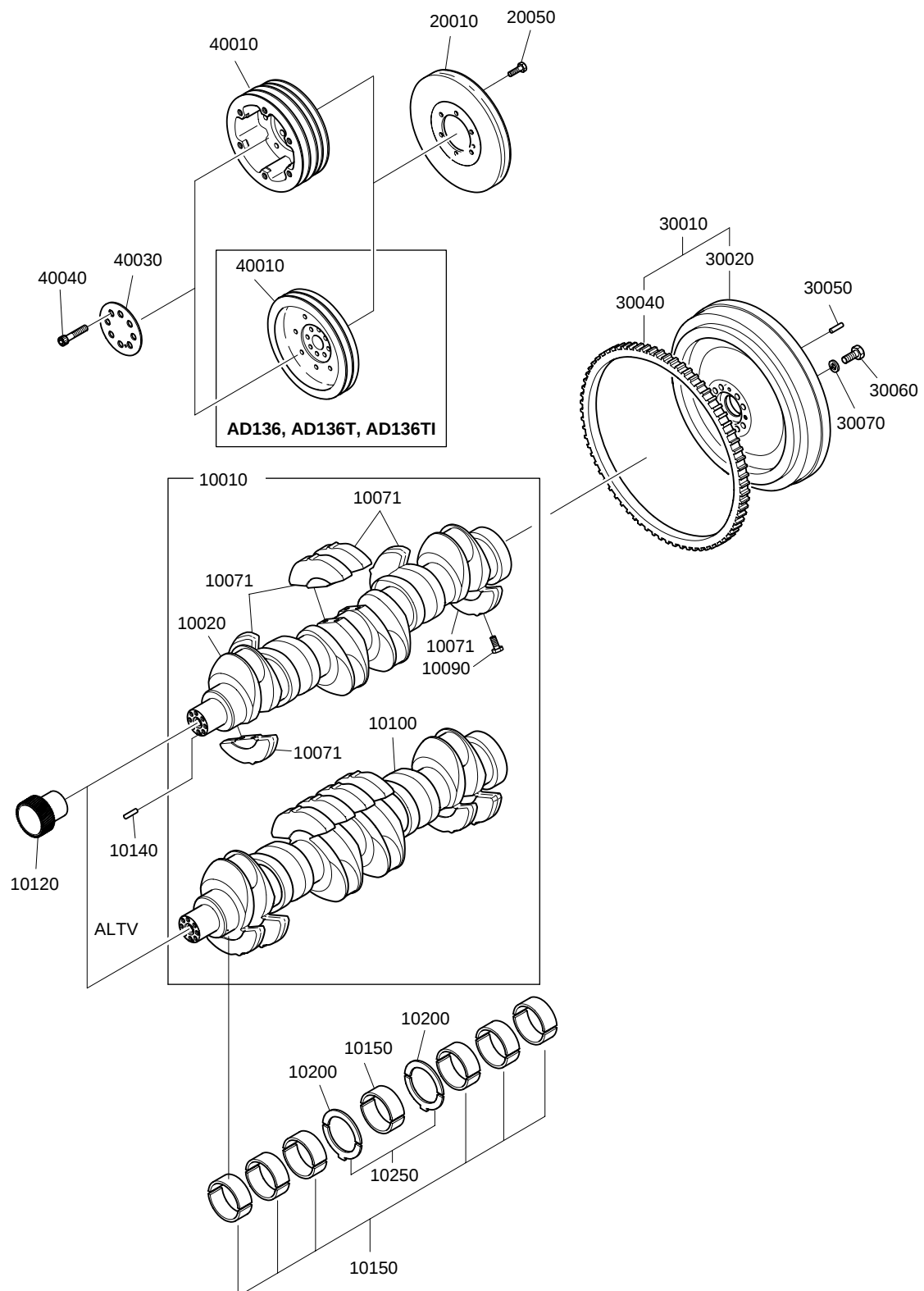


Fig.040 CRANK SHAFT

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.02101-7540A		CRANK SHAFT ASS'Y	1	1	1	1	1	1	1	1			
10020	65.02101-7024C	•	• SHAFT ; CRANK (WITHOUT BAL. WEIGHT)	1	1	1	1	1	1	1	1			ALTV
-	65.02101-0056A	•	• SHAFT ; CRANK (WITHOUT BAL. WEIGHT)	1	1	1	1	1	1	1	1			ALTV
10071	65.02110-0011	• •	• • WEIGHT ; VALANCE	6	6	6	6	6	6	6	6			
10090	65.90430-0014B	• •	• • BOLT ; VALANCE WEIGHT	12	12	12	12	12	12	12	12			
10100	65.02101-0056A	•	• SHAFT ; CRANK	1	1	1	1	1	1	1	1			
10120	65.02115-0007		GEAR ; CRANKSHAFT	1	1	1	1	1	1	-	-			
-	65.02115-0040K		GEAR ; CRANKSHAFT	-	-	-	-	-	-	1	1			
10140	06.22022-0912		PIN ; DOWEL 6M6×20	1	1	1	1	1	1	1	1			
10150	65.01110-6351		BEARING ; MAIN(STD)	7	7	7	7	7	7	-	-			
-	65.01110-6352		BEARING ; MAIN(0.25)	7	7	7	7	7	7	-	-	US		
-	65.01110-6353		BEARING ; MAIN(0.50)	7	7	7	7	7	7	-	-	US		
-	65.01110-6354		BEARING ; MAIN(0.75)	7	7	7	7	7	7	-	-	US		
-	65.01110-6355		BEARING ; MAIN(1.00)	7	7	7	7	7	7	-	-	US		
10150	65.01110-6120		BEARING ; MAIN(STD)	-	-	-	-	-	-	7	7			
-	65.01110-6121		BEARING ; MAIN(0.25)	-	-	-	-	-	-	7	7	US		
-	65.01110-6122		BEARING ; MAIN(0.50)	-	-	-	-	-	-	7	7	US		
-	65.01110-6123		BEARING ; MAIN(0.75)	-	-	-	-	-	-	7	7	US		
-	65.01110-6124		BEARING ; MAIN(1.00)	-	-	-	-	-	-	7	7	US		
10200	65.01150-0015	()	WASHER ; THRUST(UPPER)	2	2	2	2	2	2	2	2			
-	65.01150-0019	(UP-0.25)	WASHER ; THRUST(UP-0.25)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0020	(UP-0.50)	WASHER ; THRUST(UP-0.50)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0021	(UP-0.75)	WASHER ; THRUST(UP-0.75)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0022	(UP-0.10)	WASHER ; THRUST(UP-0.10)	2	2	2	2	2	2	2	2	OS		
10250	65.01150-0016A	()	WASHER ; THRUST (LOWER)	2	2	2	2	2	2	2	2			
-	65.01150-0023A	(LO-0.25)	WASHER ; THRUST(LO-0.25)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0024A	(LO-0.50)	WASHER ; THRUST(LO-0.50)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0025A	(LO-0.75)	WASHER ; THRUST(LO-0.75)	2	2	2	2	2	2	2	2	OS		
-	65.01150-0026A	(LO-0.10)	WASHER ; THRUST(LO-0.10)	2	2	2	2	2	2	2	2	OS		
20010	65.02201-7032		DAMPER ; VIBRATION (ALTV)	1	1	1	1	1	1	1	1			
-	65.02201-7033		DAMPER ; VIBRATION(VSCOS)	1	1	1	1	1	1	1	1			
-	65.02201-7034		DAMPER ; VIBRATION(VSCOS)	1	1	1	1	1	1	1	1			
20050	65.90020-0062B		BOLT ASS'Y M10×20	6	6	6	6	6	6	6	6			
30010	65.02301-5078B		FLYWHEEL ASS'Y	1	1	1	1	1	1	1	1			
30020	65.02301-0223B	•	• FLY WHEEL	1	1	1	1	1	1	1	1			
30040	65.02310-0012	•	• GEAR ; STARTER RING	1	1	1	1	1	1	1	1			
30050	06.22022-1010		PIN ; DOWEL 8×16	1	1	1	1	1	1	1	1			
30060	65.90001-0084		BOLT ; HEX.	6	6	6	6	6	6	6	6			
30070	06.16731-2110		WASHER ; SPRING A14	6	6	6	6	6	6	6	6			
40010	65.02601-0163	V-	PULLEY ; V-BELT	1	-	-	-	-	-	-	-			
-	65.02601-0153	V-	PULLEY ; V-BELT	-	1	-	1	-	1	-	-			
-	65.02601-0172	V-	PULLEY ; V-BELT	-	-	1	-	1	-	1	-			
-	65.02601-0195	V-	PULLEY ; V-BELT	-	-	-	-	-	-	-	1			
40030	65.90701-0088		WASHER ; THRUST	1	1	1	1	1	1	1	1			
40040	06.02106-0619		SOCKET ; HEAD BOLT	8	8	8	8	8	8	8	8			

Fig.050 PISTON

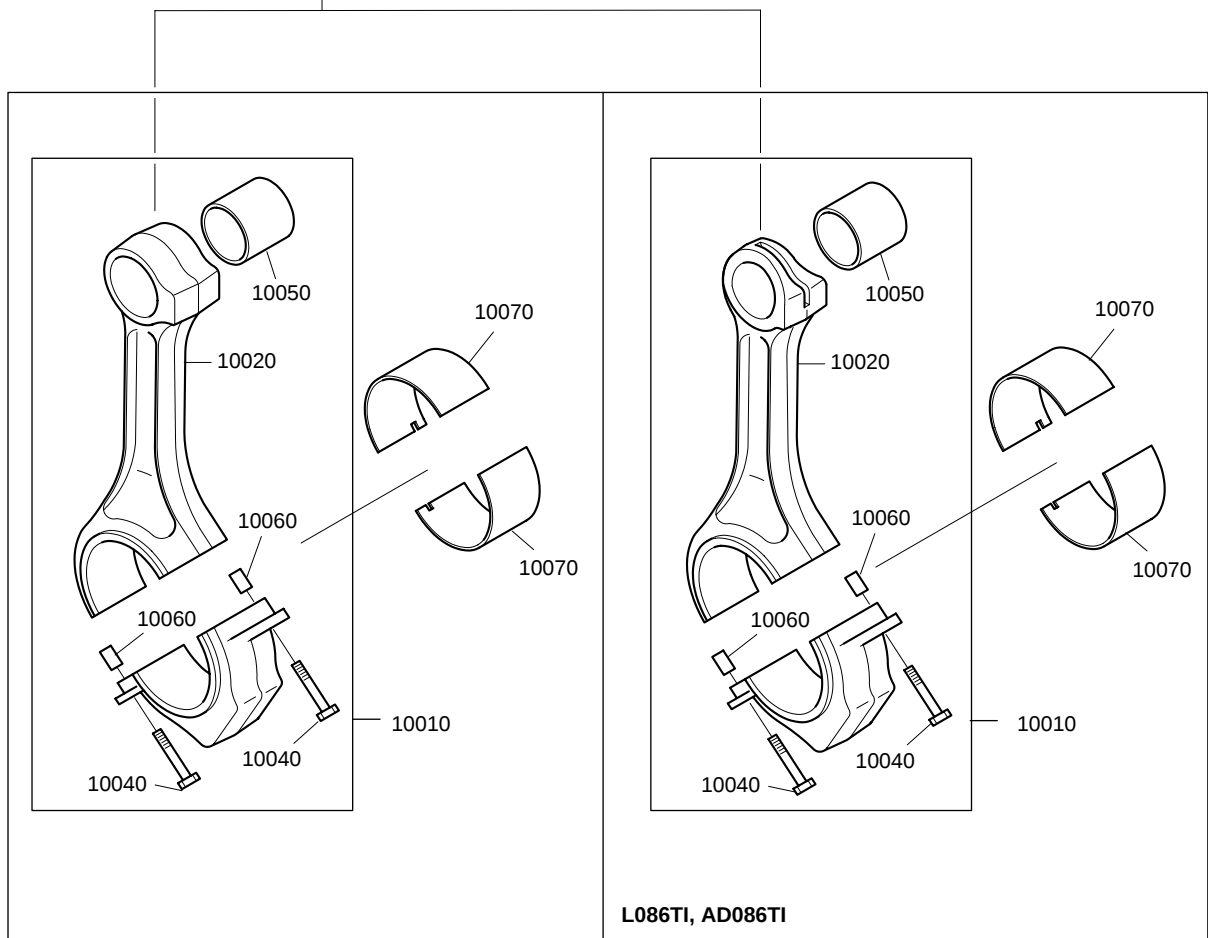
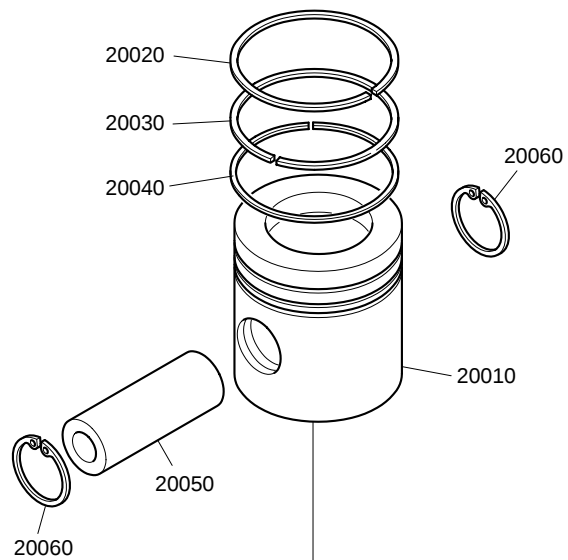


Fig.050 PISTON

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L	AD	L	AD	L	AD	L	AD			
				136	136	136	136	136	136	086	086			
				T	T	TI	TI	TI	TI					
10010	65.02401-6101E		CONNECTING ROD ASS'Y	6	6	6	6	6	6	-	-			
-	65.02401-6018		CONNECTING ROD ASS'Y	-	-	-	-	-	-	6	6			
10020	65.02401-0030	•	• ROD ; CONNECTING	6	6	6	6	6	6	-	-			
-	65.02401-0005	•	• ROD ; CONNECTING	-	-	-	-	-	-	6	6			
10040	65.90020-0009D	•	• BOLT ; COLLARED HEX.	2	2	2	2	2	2	2	2			
10050	65.02405-0015C	•	• BUSH ; CONNECTING ROD	1	1	1	1	1	1	-	-			
-	65.02405-1011	•	• BUSH ; CONNECTING ROD	-	-	-	-	-	-	1	1			
10060	65.91301-0010	•	• PIN ; DOWEL	2	2	2	2	2	2	2	2			
10070	65.02410-0010		BEARING ; CON- ROD	6	6	6	6	6	6	6	6			
-	65.02410-0011		BEARING ; CON- ROD(0.25)	6	6	6	6	6	6	6	6	US		
-	65.02410-0012		BEARING ; CON- ROD(0.50)	6	6	6	6	6	6	6	6	US		
-	65.02410-0013		BEARING ; CON- ROD(0.75)	6	6	6	6	6	6	6	6	US		
-	65.02410-0014		BEARING ; CON- ROD(1.00)	6	6	6	6	6	6	6	6	US		
20010	65.02501-0779		PISTON	6	6	-	-	-	-	-	-			
-	65.02501-0785		PISTON	-	-	6	6	6	6	-	-			
-	65.02501-0214		PISTON	-	-	-	-	-	-	6	6			
-	65.02501-0502		PISTON	-	-	-	-	-	-	6	-			L086TIL
20020	65.02503-0054	(1)	RING ; PISTON(TOP)	6	6	6	6	6	6	6	6			
20030	65.02503-0120	(2)	RING ; PISTON(2ND)	6	6	6	6	6	6	6	6			
20040	65.02503-0115	()	RING ; PISTON(OIL)	6	6	6	6	6	6	6	6			
20050	65.02502-0010		PIN ; PISTON	6	6	6	6	6	6	6	6			
20060	06.29020-0126		RING ; SNAP 42×1.75	12	12	12	12	12	12	12	12			

Fig.060 CYLINDER HEAD

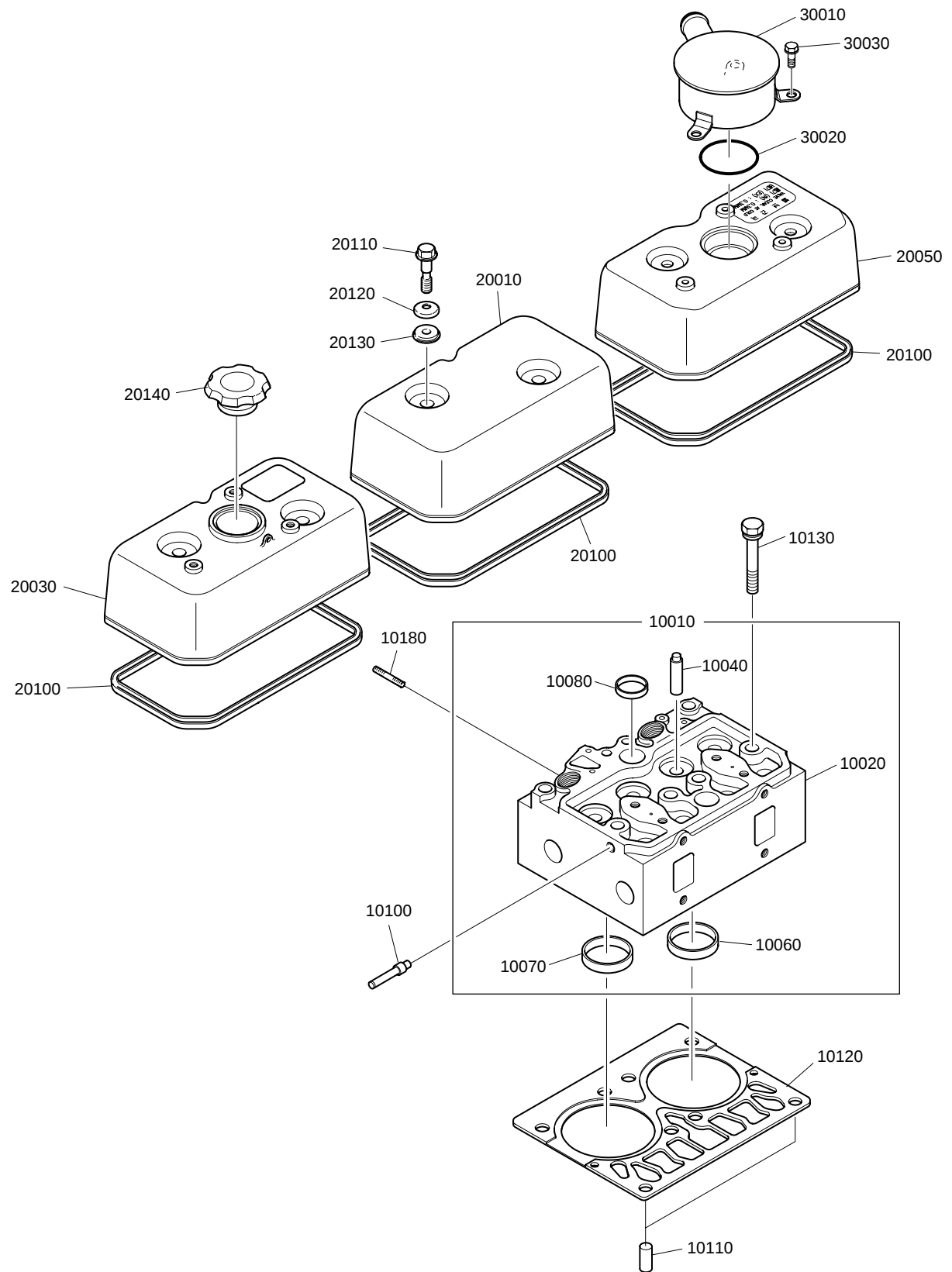


Fig.060 CYLINDER HEAD

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.03101-6495O		CYLINDER HEAD ASS Y	3	3	3	3	3	3	3	3			
10020	65.03101-0295T	•	• HEAD ; CYLINDER	3	3	3	3	3	3	3	3			
10040	65.03201-1011	• 가	• GUIDE ; VALVE	12	12	12	12	12	12	12	12			
10060	65.03203-1028D	•	• SEAT ; EXHAUST VALVE	6	6	6	6	6	6	6	6			
10070	65.03203-1029G	•	• SEAT ; INTAKE VALVE	6	6	6	6	6	6	6	6			
10080	06.15091-0319	•	• PLUG ; CORE B28D	21	21	21	21	21	21	21	21			
10100	65.91001-0013		PIN ; AVSEAL	6	6	6	6	6	6	6	6			
10110	06.22022-0907		PIN ; DOWEL 6M6×10	6	6	6	6	6	6	6	6			
10120	65.03901-0058A	가	GASKET ; CYLINDER HEAD	3	3	3	3	3	3	3	3			
10130	65.90020-0070		BOLT ; CYLINDER HEAD	24	24	24	24	24	24	24	24			
10180	06.06225-0809		BOLT ; STUD M10×35	2	2	2	2	2	2	2	2			
20010	65.03401-0021H		COVER ; CYLINDER HEAD	1	1	1	1	1	1	1	1			
20030	65.03401-0056A		COVER ; CYLINDER HEAD	1	1	1	1	1	1	1	1			
20050	65.03401-6044B		COVER ; CYLINDER HEAD	1	1	1	1	1	1	1	1			
20100	65.03905-0022	가	GASKET ; CYLINDER HEAD COVER	3	3	3	3	3	3	3	3			
20110	65.90020-0073		BOLT ; COLLARED HEX.	6	6	6	6	6	6	6	6	D		
20120	65.90701-0202		WASHER	6	6	6	6	6	6	6	6	D		
20130	65.03905-0023A		PACKING ; CYLINDER HEAD COVER	6	6	6	6	6	6	6	6	D		
20140	65.01810-5007		CAP ; FILLER	1	1	1	1	1	1	1	1			
30010	65.01801-5099B		HOUSING ; BREATHER	1	1	1	1	1	1	1	1			
30020	65.96501-0033B	O-	O-RING	1	1	1	1	1	1	1	1			
30030	06.01923-3113		BOLT ASS Y M8×20	3	3	3	3	3	3	3	3			

Fig.070 TIMING SYSTEM

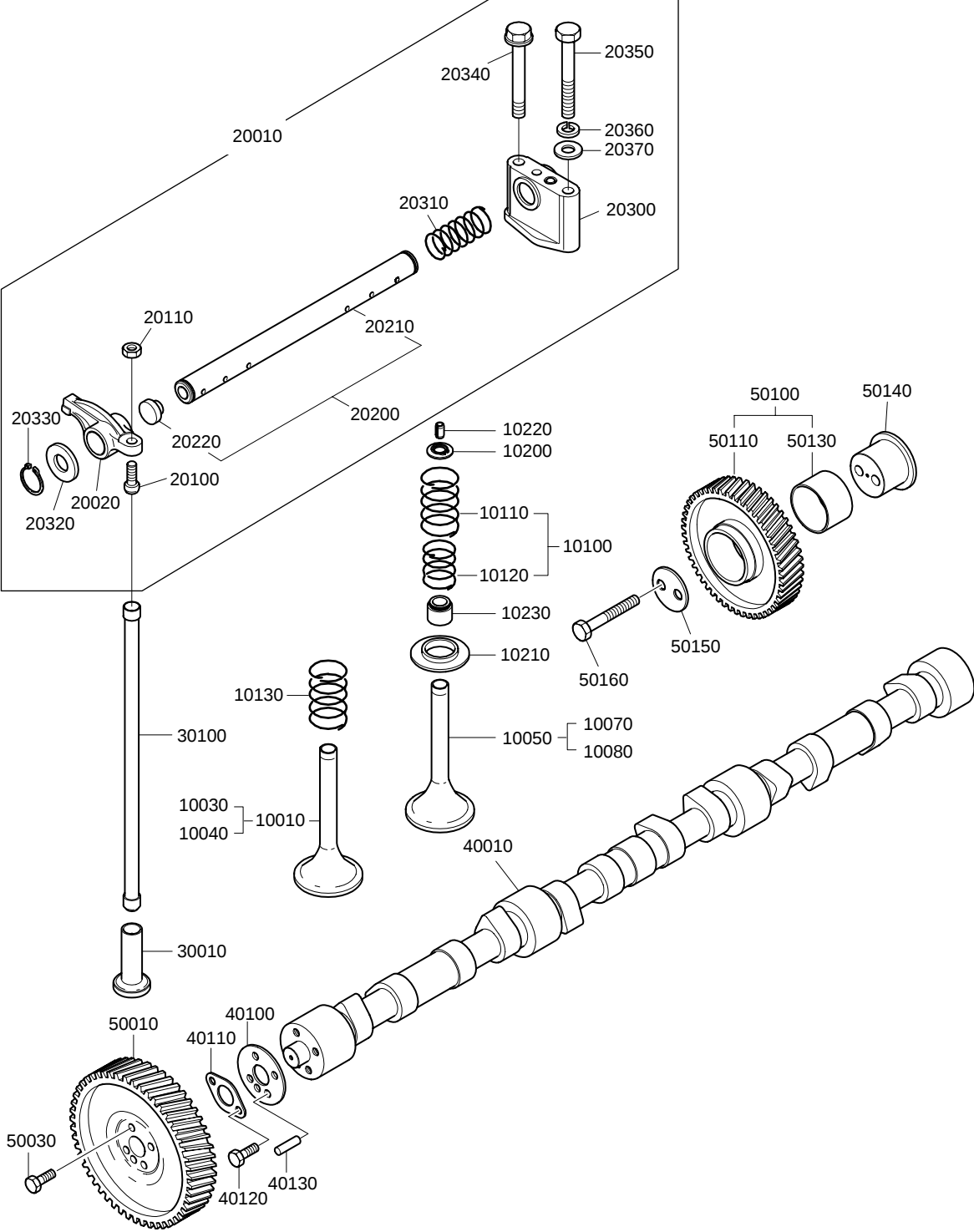


Fig.070 TIMING SYSTEM

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.04101-0041	()	VALVE ; INTAKE(ALT V)	6	6	6	6	6	6	6	6			
10030	65.04101-0026	•	• VALVE ; INTAKE	6	6	6	6	6	6	6	6			
10040	65.04101-0037	•	• VALVE ; INTAKE	6	6	6	6	6	6	6	6			
10050	65.04101-0042	()	VALVE ; EXHAUST(ALT V)	6	6	6	6	6	6	6	6			
10070	65.04101-0027	•	• VALVE ; EXHAUST	6	6	6	6	6	6	6	6			
10080	65.04101-0038	•	• VALVE ; EXHAUST	6	6	6	6	6	6	6	6			
10100	65.04102-6002	()	VALVE SPRING ASS Y(EXHUST)	6	6	6	6	6	6	6	6			
10110	65.04102-0003	• ()	• SPRING ; VALVE(OUTER)	6	6	6	6	6	6	6	6			
10120	65.04102-0004	• ()	• SPRING ; VALVE(INNER)	6	6	6	6	6	6	6	6			
10130	65.04102-0007	()	SPRING ; VALVE(INNER)	12	12	12	12	12	12	12	12			
10200	65.04103-0013		RETAINER ; VALVE SPRING	6	6	6	6	6	6	6	6			
10210	65.04103-0009		PLATE ; VALVE SPRING	6	6	6	6	6	6	6	6			
10220	65.04104-0006		COTTER ; VALVE	24	24	24	24	24	24	24	24			
10230	65.04902-0013		SEAL ; VALVE STEAM	12	12	12	12	12	12	12	12			
20010	65.04200-6025D		ROCKER ARM & SHAFT ASS Y	3	3	3	3	3	3	3	3			
20020	65.04201-5013E	•	• ROKER ARM ASS Y	12	12	12	12	12	12	12	12			
20100	65.04205-0003	•	• SCREW ; ADJUST	12	12	12	12	12	12	12	12			
20110	65.90501-0003	•	• NUT ; HEX.	12	12	12	12	12	12	12	12			
20200	65.04203-5009	•	• SHAFT ; ROKER ARM	3	3	3	3	3	3	3	3			
20210	65.04203-0009A	• •	• • SHAFT ; ROKER ARM	3	3	3	3	3	3	3	3			
20220	65.90302-0012	• •	• • PLUG ; CORE	3	3	3	3	3	3	3	3			
20300	65.04202-0017A	•	• BRACKET ; ROKER ARM	6	6	6	6	6	6	6	6			
20310	65.97601-0055	•	• SPRING ; COMPRESSION	3	3	3	3	3	3	3	3			
20320	65.90710-0039	•	• WASHER ; END COVER	6	6	6	6	6	6	6	6			
20330	06.29010-0120	•	• RING ; SNAP 24×1.2	6	6	6	6	6	6	6	6			
20340	65.90020-0056	•	• BOLT ; COLLARED HEX.	6	6	6	6	6	6	6	6			
20350	06.01013-9221	•	• BOLT ; HEX. M10×80	6	6	6	6	6	6	6	6			
20360	06.16731-2108	•	• WASHER ; SPRING A10	6	6	6	6	6	6	6	6			
20370	06.15030-0514	•	• WASHER ; PLAIN 10.5	6	6	6	6	6	6	6	6			
30010	65.04301-0005		TAPPET ; VALVE	12	12	12	12	12	12	12	12			
30100	65.04302-5010		ROD ; PUSH	12	12	12	12	12	12	12	12			
40010	65.04401-0014C		CAMSHAFT	1	1	1	1	1	1	1	1			
40100	65.90720-0099		WASHER ; THRUST	1	1	1	1	1	1	1	1			
40110	65.98112-0038		FLANGE	1	1	1	1	1	1	1	1			
40120	65.90001-6003		BOLT ; HEX. M6×14	2	2	2	2	2	2	2	2			
40130	06.22022-1016		PIN ; DOWEL 8M6×36	1	1	1	1	1	1	1	1			
50010	65.04501-0057		GEAR ; CAM SHAFT	1	1	1	1	1	1	1	1			
50030	06.01913-3120		BOLT ASS Y M8×45	4	4	4	4	4	4	4	4			
50100	65.04505-5008A		IDLE GEAR ASS Y	1	1	1	1	1	1	1	1			
50110	65.04505-0005	•	• GEAR ; IDLE	1	1	1	1	1	1	1	1			
50130	65.04507-0003A	•	• BUSH ; IDLE GEAR	1	1	1	1	1	1	1	1			
50140	65.04506-0008		PIN ; IDLE GEAR	1	1	1	1	1	1	1	1			
50150	65.90720-0019		WASHER ; THRUST	1	1	1	1	1	1	1	1			
50160	06.01914-3126		BOLT ASS Y M8×75	2	2	2	2	2	2	2	2			

Fig.080 OIL PUMP

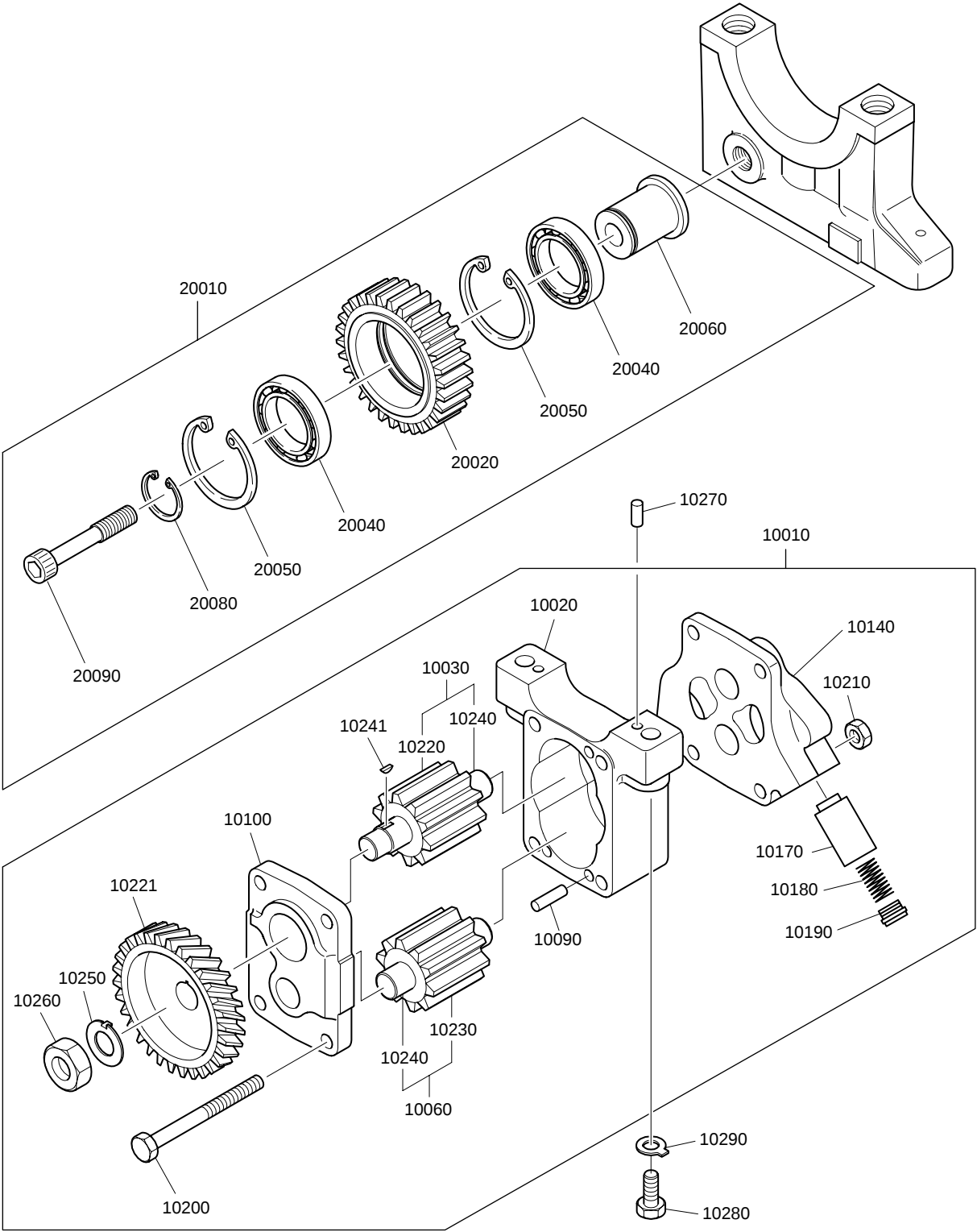


Fig.080 OIL PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.05100-6022		OIL PUMP ASS Y	1	1	1	1	1	1	1	1			
10020	65.05102-0014	•	• HOUSING ; OIL PUMP	1	1	1	1	1	1	1	1			
10030	65.05104-5004	•	• OIL PUMP GEAR ASS Y	1	1	1	1	1	1	1	1			
10090	06.22022-0909	•	• PIN ; DOWEL	1	1	1	1	1	1	1	1			
10100	65.05103-5015	•	• OIL PUMP COVER ASS Y	1	1	1	1	1	1	1	1			
10140	65.05103-5012	•	• OIL PUMP COVER ASS Y	1	1	1	1	1	1	1	1			
10170	65.05410-0025	•	• PLUNGER ; VALVE	1	1	1	1	1	1	1	1			
10180	65.97601-0110	•	• SPRING ; COMPRESSION	1	1	1	1	1	1	1	1			
10190	65.90310-0104	•	• SCREW ; PLUG	1	1	1	1	1	1	1	1			
10200	06.01013-9118	•	• BOLT ; HEX. M8×65	4	4	4	4	4	4	4	4			
10210	65.90510-0012	•	• NUT	4	4	4	4	4	4	4	4			
10220	65.05104-0007	• •	• • GEAR	1	1	1	1	1	1	1	1			
10221	65.05201-0037	•	• GEAR ; OIL PUMP DRIVE	1	1	1	1	1	1	1	1			
10230	65.05104-0004	• •	• • GEAR	1	1	1	1	1	1	1	1			
10240	65.05105-0006	• •	• • GEAR	1	1	1	1	1	1	1	1			
-	65.05105-0008	• •	• • SHAFT ; OIL PUMP	1	1	1	1	1	1	1	1			
10241	06.29141-0207	•	• KEY ; WOODRUFF 3×13×5	1	1	1	1	1	1	1	1			
10250	06.16050-0311	•	• WASHER ; LOCK	1	1	1	1	1	1	1	1			
10260	06.11053-9217	•	• NUT ; HEX. M14×1.5	1	1	1	1	1	1	1	1			
10270	06.22022-0907		PIN ; DOWEL 6M6×10	2	2	2	2	2	2	2	2			
10280	06.01013-9215		BOLT ; HEX. M10×1.5×50	2	2	2	2	2	2	2	2			
10290	65.90801-0018		WASHER ; LOCK	2	2	2	2	2	2	2	2			
20010	65.05200-6034		OIL PUMP DRIVE ASS Y	1	1	1	1	1	1	1	1			
20020	65.05204-0036	•	• GEAR ; OIL PUMP IDLE	1	1	1	1	1	1	1	1			
20040	06.31420-0314	•	• BEARING ; BALL 6006C	2	2	2	2	2	2	2	2			
20050	06.29020-0132	•	• RING ; SNAP 55×2	2	2	2	2	2	2	2	2			
20060	65.05205-0018	•	• PIN ; IDLE GEAR	1	1	1	1	1	1	1	1			
20080	06.29010-0125	•	• RING ; SNAP 30×2(KS-B1336)	1	1	1	1	1	1	1	1			
20090	65.90030-0009	•	• BOLT ; SOCKET HEAD M10×60	1	1	1	1	1	1	1	1			

Fig.090 OIL COOLER & RELIEF VALVE

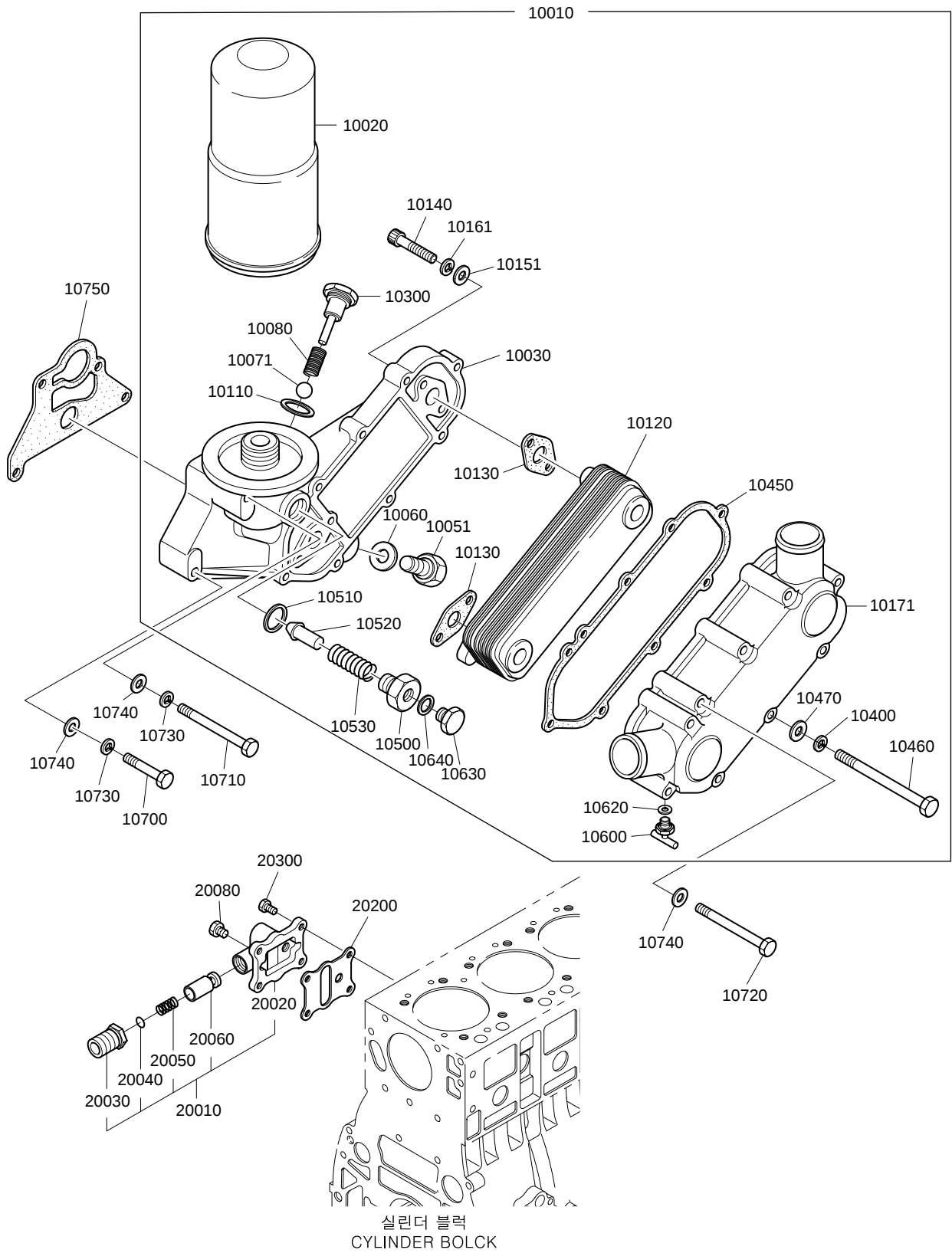


Fig.090 OIL COOLER & RELIEF VALVE

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.05601-7074B		OIL COOLER ASS Y	1	1	1	1	1	1	1	1			
10020	65.05510-5022A	•	• CATRIDGE ; OIL FILTER	1	1	1	1	1	1	1	1			
10030	65.05604-0015	•	• HOUSING ; OIL COOLER	1	1	1	1	1	1	1	1			
10051	65.90310-0136A	•	• SCREW ; PLUG	2	2	2	2	2	2	2	2			
10060	06.56190-0718	•	• RING ; SEAL A22×27	2	2	2	2	2	2	2	2			
10071	06.31641-0429A	•	• VAVLE ; BY PASS	1	1	1	1	1	1	1	1			
10080	65.97601-0004	•	• SPRING	1	1	1	1	1	1	1	1			
10110	06.56190-0728	•	• RING ; SEAL A26×32	1	1	1	1	1	1	1	1			
10120	65.05606-5020	•	• ELEMENT ; OIL COOLER	1	1	1	1	1	1	1	1			
10130	65.96601-0018A	•	• GASKET ; OIL COOLER	2	2	2	2	2	2	2	2			
10140	06.02090-0418	•	• BOLT ; SOCKET HEAD M8×45	4	4	4	4	4	4	4	4			
10151	06.15010-2311	•	• WASHER 8.4	4	4	4	4	4	4	4	4			
10161	06.16110-0106	•	• WASHER ; SPRING A8	4	4	4	4	4	4	4	4			
10171	65.05605-0024	•	• COVER ; OIL COOLER	1	1	1	1	1	1	1	1			
10300	65.05611-0003	•	• GUIDE ; VALVE(COOLER)	1	1	1	1	1	1	1	1			
10400	06.16731-2107	•	• WASHER ; SRING A8	8	8	8	8	8	8	8	8			
10450	65.05902-0015A	•	• GASKET ; OIL COOLER COVER	1	1	1	1	1	1	1	1			
10460	06.01923-3126	•	• BOLT ASS Y M8×75	8	8	8	8	8	8	8	8			
10470	06.15010-2311	•	• WASHER ; PLAIN 8.4	8	8	8	8	8	8	8	8			
10500	65.90310-0141	•	• PLUG	1	1	1	1	1	1	1	1			
10510	06.56190-0728	•	• RING ; SEAL A26×32	1	1	1	1	1	1	1	1			
10520	65.05518-0001	•	• VALVE ; OIL FILTER	1	1	1	1	1	1	1	1			
10530	65.97601-0066	•	• SPRING	1	1	1	1	1	1	1	1			
10600	60.98201-7009	•	• PLUG ; DRAIN	1	1	1	1	1	1	1	1			
10620	06.56190-0708	•	• RING ; SEAL A16×22	1	1	1	1	1	1	1	1			
10630	06.08092-0202	•	• SCREW ; PLUG M10×1.25	1	1	1	1	1	1	1	1			
10640	06.56180-0714	•	• RING ; SEAL A10×15	1	1	1	1	1	1	1	1			
10700	06.01913-3222		BOLT ; HEX. M10×1.5×55	1	1	1	1	1	1	1	1			
10710	06.01013-9224		BOLT ; HEX. M10×95	2	2	2	2	2	2	2	2			
10720	06.01913-3234		BOLT ; HEX. M10×1.5×130	1	1	1	1	1	1	1	1			
10730	06.16731-2108		WASHER ; SPRING A10	2	2	2	2	2	2	2	2			
10740	06.15010-2312		WASHER 10.5	4	4	4	4	4	4	4	4			
10750	65.05901A0051	가	GASKET	1	1	1	1	1	1	1	1			
20010	65.05401-5027A		RELIFE VALVE ASS Y	1	1	1	1	1	1	1	1			
20020	65.05406-0014A	•	• HOUSING ; RELIFE VALVE	1	1	1	1	1	1	1	1			
20030	65.90310-0056	•	• SCREW ; PLUG	1	1	1	1	1	1	1	1			
20040	06.56190-0715	•	• RING ; SEAL A20×26	1	1	1	1	1	1	1	1			
20050	65.97601-0065	•	• SPRING	1	1	1	1	1	1	1	1			
20060	65.05518-0003	•	• VALVE ; PLUNGER	1	1	1	1	1	1	1	1			
20080	65.90310-0033	•	• PLUG M10×1.0	3	-	3	-	3	-	3	-			
-	06.56180-0714	•	• RING ; SEAL A10×15	3	-	3	-	3	-	3	-			
20200	65.05901A0022	가	GASKET ; RELIFE VALVE.	1	1	1	1	1	1	1	1			
20300	06.01913-3114		BOLT ASS Y M8×22	4	4	4	4	4	4	4	4			

Fig.100 OIL PAN

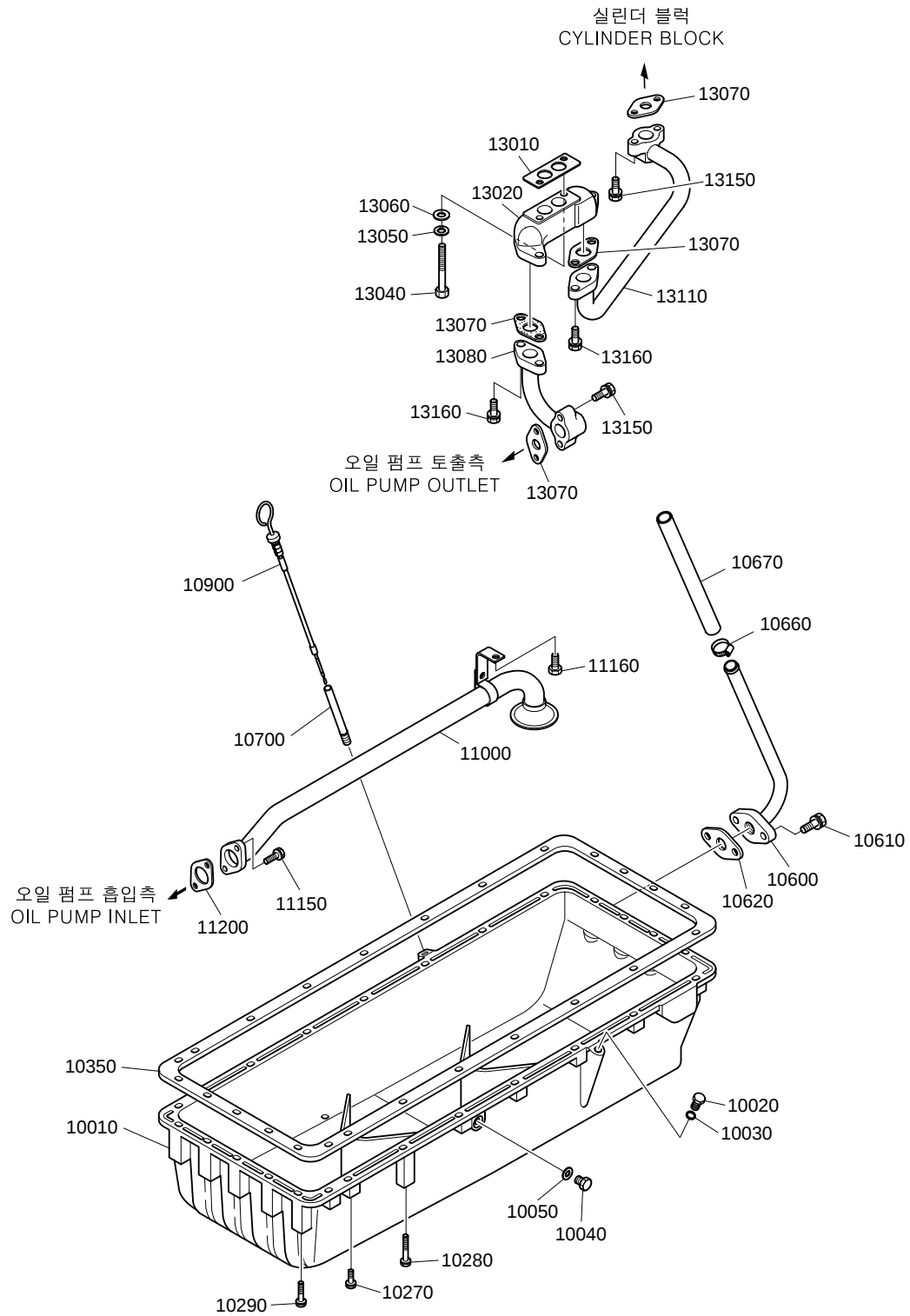


Fig.100 OIL PAN

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.05801-6016A		PAN ; OIL	1	1	1	1	1	1	1	1			
10020	06.08092-2406		SCREW ; PLUG M18×1.5	1	1	1	1	1	1	1	1			
10030	06.56190-0713		RING ; SEAL A18×24	1	1	1	1	1	1	1	1			
10040	06.08095-4604		SCREW ; PLUG M14×1.5	1	1	1	1	1	1	1	1			
10050	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1	1	1			
10270	06.01923-3119		BOLT ASS Y M8×40	15	15	15	15	15	15	15	15			
10280	06.01933-3126		BOLT ASS Y M8×75	1	1	1	1	1	1	1	1			
10290	06.01923-3122		BOLT ASS Y M8×55	9	9	9	9	9	9	9	9			
10350	65.05904A0016	가	GASKET ; OIL PAN	1	1	1	1	1	1	1	1			
10600	65.05701-5499		PIPE ; OIL DRAIN	1	1	1	1	1	1	1	1			
10610	06.01913-3114		BOLT ; HEX. M8×22	2	2	2	2	2	2	2	2			
10620	65.96601-0051	가	GASKET	1	1	1	1	1	1	1	1			
10660	65.97440-0103		CLAMP ; HOSE	1	1	1	1	1	1	1	1			
10670	65.96301-0244A		HOSE ; RUBBER	1	1	1	1	1	1	1	1			
10700	65.05806-6083	가	TUBE ; GUIDE	1	1	1	1	1	1	1	1			
10900	65.05805-5172		GAUGE ; OIL LEVEL	1	1	1	1	1	1	1	1			
11000	65.05701-6046B		OIL SUCTION PIPE ASS Y	1	1	1	1	1	1	1	1			
11150	06.01913-3113		BOLT ASS Y M8×20	2	2	2	2	2	2	2	2			
11160	06.01913-3111		BOLT ASS Y M8×16	1	1	1	1	1	1	1	1			
11200	65.96601B0019	가	GASKET ; OIL SUCTION PIPE	1	1	1	1	1	1	1	1			
13010	65.05903B0003	가	GASKET ; SQUARE FLANGE	1	1	1	1	1	1	1	1			
13020	65.05715-5001		CONNECTION FLANGE ASS Y	1	1	1	1	1	1	1	1			
13040	06.02090-0422		BOLT ; SOCKET HEAD M8×65	2	2	2	2	2	2	2	2			
13050	06.16731-2107		WASHER ; SPRING A8	2	2	2	2	2	2	2	2			
13060	06.15010-2311		WASHER ; PLAIN 8.4	2	2	2	2	2	2	2	2			
13070	65.96601-0050	가	GASKET ; FLANGE T=0.5	4	4	4	4	4	4	4	4			
13080	65.05701-5153		OIL PIPE ASS Y	1	1	1	1	1	1	1	1			
13110	65.05701-5230		OIL PIPE ASS Y O/F-C/F	1	1	1	1	1	1	1	1			
13150	65.90001-6006		SOCKET BOLT ASS Y	4	4	4	4	4	4	4	4			
13160	06.01923-3113		BOLT ASS Y M8×20	4	4	4	4	4	4	4	4			
13240	65.96601-0050	가	GASKET ; OIL PIPE 22×44×1	2	2	2	2	2	2	2	2			
13250	65.90001-6006		SOCKET BOLT ASS Y	2	2	2	2	2	2	2	2			
13260	06.01913-3113		BOLT ASS Y M8×20	2	2	2	2	2	2	2	2			

Fig.110 COOLING WATER PUMP

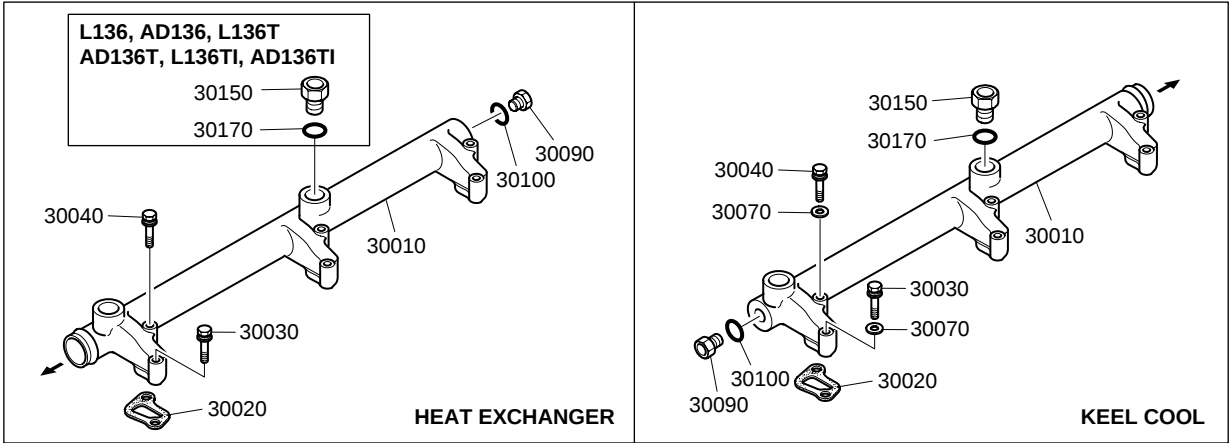
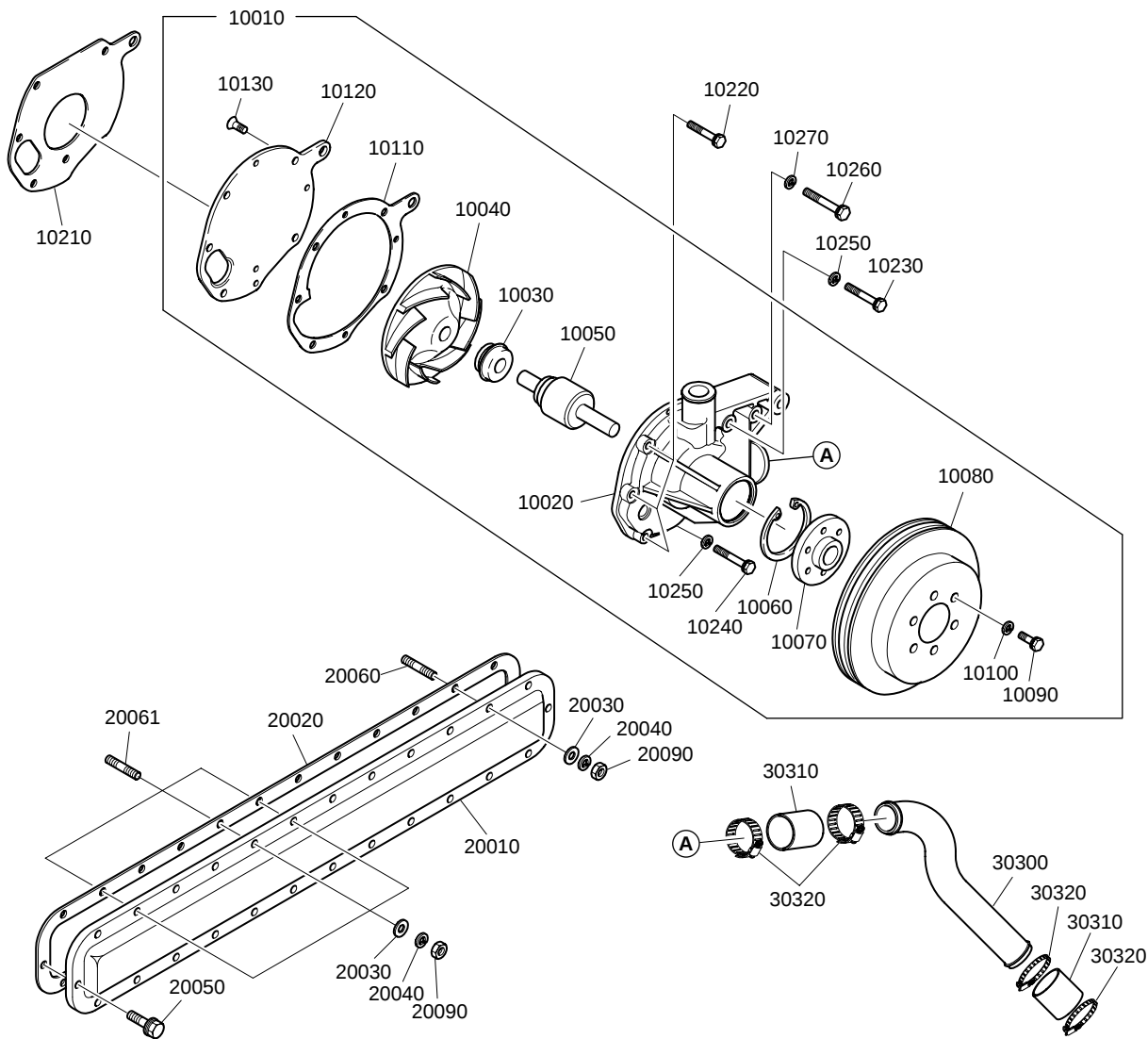
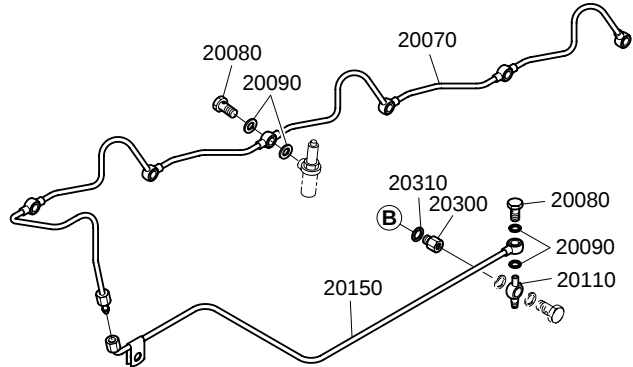
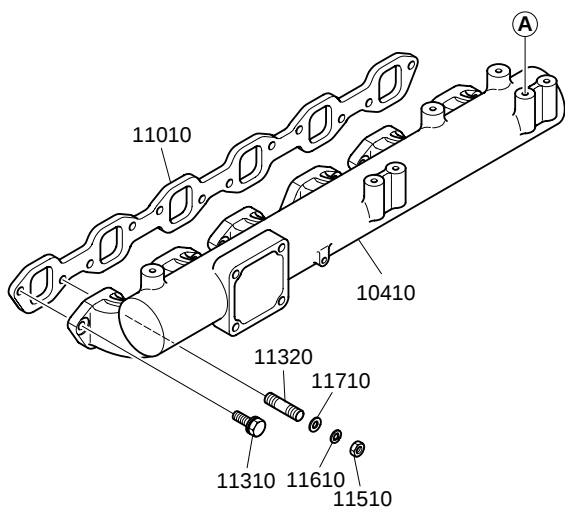


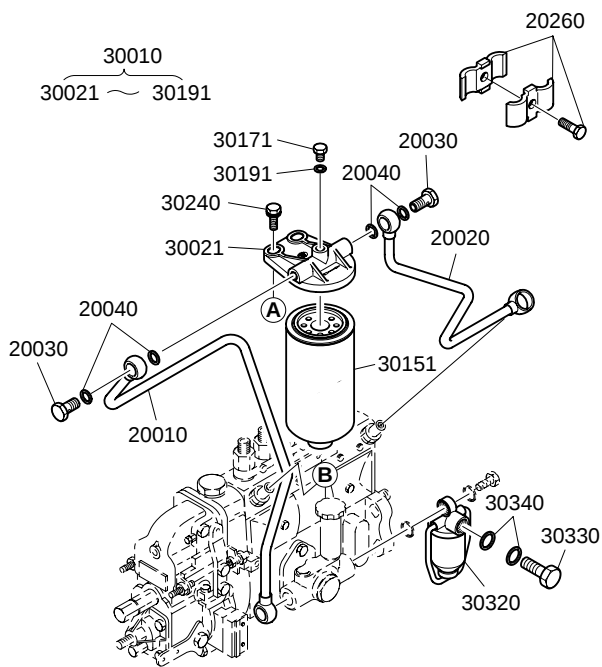
Fig.110 COOLING WATER PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.06500-6139C		WATER PUMP ASS Y	1	1	1	1	1	1	1	1			
10020	65.06501-0076C	•	• HOUSING ; WATER PUMP	1	1	1	1	1	1	1	1			
10030	65.06520-6007	•	• SEAL ; MECHANICAL	1	1	1	1	1	1	1	1			
10040	65.06506-0023	•	• IMPELLAR	1	1	1	1	1	1	1	1			
10050	65.93410-0027	•	• BEARING ; UNIT	1	1	1	1	1	1	1	1			
10060	06.29020-0132	•	• RING ; RETAINER	1	1	1	1	1	1	1	1			
10070	65.06504-0030A	•	• HUB ; WATER PUMP	1	1	1	1	1	1	1	1			
10080	65.06503-0078	• V-	• PULLEY ; V-BELT	1	1	1	1	1	1	1	1			
10090	06.01013-9107	•	• BOLT ASS Y M8×50	6	6	6	6	6	6	6	6			
10100	06.16731-2107	•	• WASHER ; SPRING A8	6	6	6	6	6	6	6	6			
10110	65.06901A0019	• 가 ()	• GASKET ; WATER PUMP(INNER)	1	1	1	1	1	1	1	1			
10120	65.06512-0010	•	• COVER ; WATER PUMP	1	1	1	1	1	1	1	1			
10130	06.04201-8907	•	• SCREW ; CROSS HEAD M6×14	3	3	3	3	3	3	3	3			
10210	65.06901A0020	가 ()	GASKE ; WATER PUMP(OUTER)	1	1	1	1	1	1	1	1			
10220	06.01913-3119		BOLT ASS Y M8×40	3	3	3	3	3	3	3	3			
10230	06.01013-9119	•	• BOLT ASS Y M8×70	1	1	1	1	1	1	1	1			
10240	06.01913-7126	•	• BOLT ASS Y M8×75	1	1	1	1	1	1	1	1			
10250	06.16731-2107	•	• WASHER ; SPRING A8	1	1	1	1	1	1	1	1			
10260	06.01913-3228	•	• BOLT ASS Y M10×85	1	1	1	1	1	1	1	1			
10270	06.16731-2108	•	• WASHER ; SPRING A10	1	1	1	1	1	1	1	1			
20010	65.01705-0002		COVER ; WATER CHAMBER	1	1	1	1	1	1	1	1			
20020	65.01907A0002	가	GASKET	1	1	1	1	1	1	1	1			
20030	06.15010-2311		WASHER ; PLAIN 8.4	12	12	12	12	12	12	12	12			
20040	06.16731-2107		WASHER ; SPRING A8	12	12	12	12	12	12	12	12			
20050	06.01923-3115		BOLT ASS Y	14	14	14	14	14	14	14	14			
20060	65.90201-0149		BOLT ; STUD M8×25	9	9	9	9	9	9	9	9			
20061	65.90201-0098		BOLT ; STUD M8×30	3	3	3	3	3	3	3	3			
20090	06.11063-8214		NUT ; HEX. M8	12	12	12	12	12	12	12	12			
30010	65.06301-0188		PIPE ; COOLING WATER OUTLET	1	1	1	1	1	1	1	1			
-	65.06301-0182		PIPE ; COOLING WATER OUTLET	1	-	1	-	1	-	1	-	OP		KEEL COOL
30020	65.06903A0011	가	GASKET ; COOLING WATER PIPE	3	3	3	3	3	3	3	3			
30030	06.01923-3122		BOLT ASS Y M8×55	3	3	3	3	3	3	3	3			
30040	06.01923-3124		BOLT ASS Y M8×65	3	3	3	3	3	3	3	3			
30090	06.08095-4604		SCREW ; PLUG M14×1.5	1	1	1	1	1	1	1	1			
30100	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1	1	1			
30150	65.90310-0168		SCREW ; PLUG M26×1.5	1	1	1	1	1	1	1	1			
30170	06.56190-0728		RING ; SEAL A26×32	1	1	1	1	1	1	1	1			
30300	65.06301-0118		PIPE ; COOLING WATER	1	1	1	1	1	1	1	1			
30310	65.96301-0263		HOSE ; SILICON D50×80	2	2	2	2	2	2	2	2			
30320	65.97440-0099		CLAMP ; HOSE	4	4	4	4	4	4	4	4			

Fig.120 FUEL FILTER



L136, AD136, L136T, AD136T, L136TI, AD136TI



L086TI, AD086TI

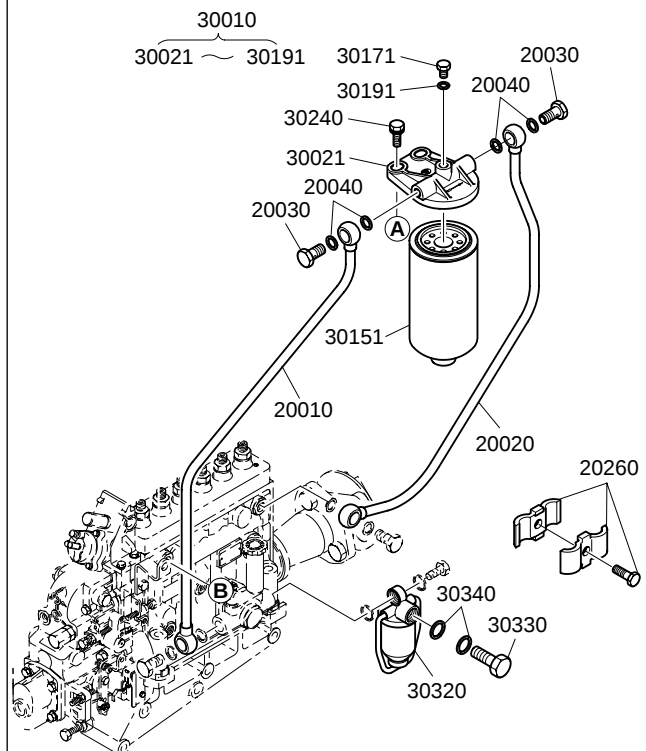


Fig.120 FUEL FILTER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10410	65.08201-0051		MANIFOLD ; INTAKE	1	1	1	1	1	1	1	1			
11010	65.08902A0024	가	GASKET	1	1	1	1	1	1	1	1			
11310	06.01923-3218		BOLT ASS Y M10×1.5×35	10	10	10	10	10	10	10	10			
11320	06.06225-0809		BOLT ; STUD M10×35	2	2	2	2	2	2	2	2			
11510	06.11063-8215		NUT ; HEX. M10	2	2	2	2	2	2	2	2			
11610	06.16731-2108		WASHER ; SPRING A10	2	2	2	2	2	2	2	2			
11710	06.15030-0514		WASHER ; PLAIN 10.5	2	2	2	2	2	2	2	2			
20010	65.12301-5237		PIPE ; FUEL	1	1	1	1	1	1	-	-			
-	65.12301-5227		PIPE ; FUEL	-	-	-	-	-	-	1	1			
20020	65.12301-5238		PIPE ; FUEL	1	1	1	1	1	1	-	-			
-	65.12301-5228A		PIPE ; FUEL	-	-	-	-	-	-	1	1			
20030	06.78144-2204		SCREW ; HOLLOW NW10	2	2	2	2	2	2	2	2			
20040	06.56190-0706		RING ; SEAL A14×20	4	4	4	4	4	4	4	4			
20070	65.12301-5224A		FUEL OVER FLOW PIPE ASS Y	1	1	1	1	1	1	1	1			
20080	65.98150-0042A		SCREW ; HOLLOW M8×1.0	7	7	7	7	7	7	7	7			
20090	06.56180-0712		RING ; SEAL A8×14	14	14	14	14	14	14	14	14			
20110	65.98101-0027		UNION ; BENJO	1	1	1	1	1	1	1	1			
20150	65.12301-5225A		PIPE ; FUEL RETURN	1	1	1	1	1	1	-	-			
-	65.12301-5226A		PIPE ; FUEL RETURN	-	-	-	-	-	-	1	1			
20260	65.97401-6009		PIPE CLIP ASS Y	1	1	1	1	1	1	1	1			
20300	65.98130-0139A		ADAPTER	1	1	1	1	1	1	1	1			
20310	06.56190-0706		RING ; SEAL A14×20	1	1	1	1	1	1	1	1			
30010	65.12501-7023		FUEL FILTER ASS Y	1	1	1	1	1	1	1	1			
30021	65.12504-5013A	•	• HEAD ; FUEL FILTER	1	1	1	1	1	1	1	1			
30151	65.12503-5016	•	• CATRIDGE : FUEL FILTER	1	1	1	1	1	1	1	1			
30171	65.90310-0143	•	• SCREW ; PLUG M10×1.5	1	1	1	1	1	1	1	1			
30191	06.56180-0716	•	• SEAL ; RING A10×16	1	1	1	1	1	1	1	1			
30240	06.01923-3217		BOLT ASS Y M10×1.5×30	2	2	2	2	2	2	2	2			
30320	65.12501-7019		FUEL STRAINER ASS Y	1	1	1	1	1	1	1	1			
30330	06.78144-2204		SCREW ; HOLLOW	1	1	1	1	1	1	1	1			
30340	06.56190-0706		RING ; SEAL	2	2	2	2	2	2	2	2			

Fig.130 FUEL INJECTION PUMP

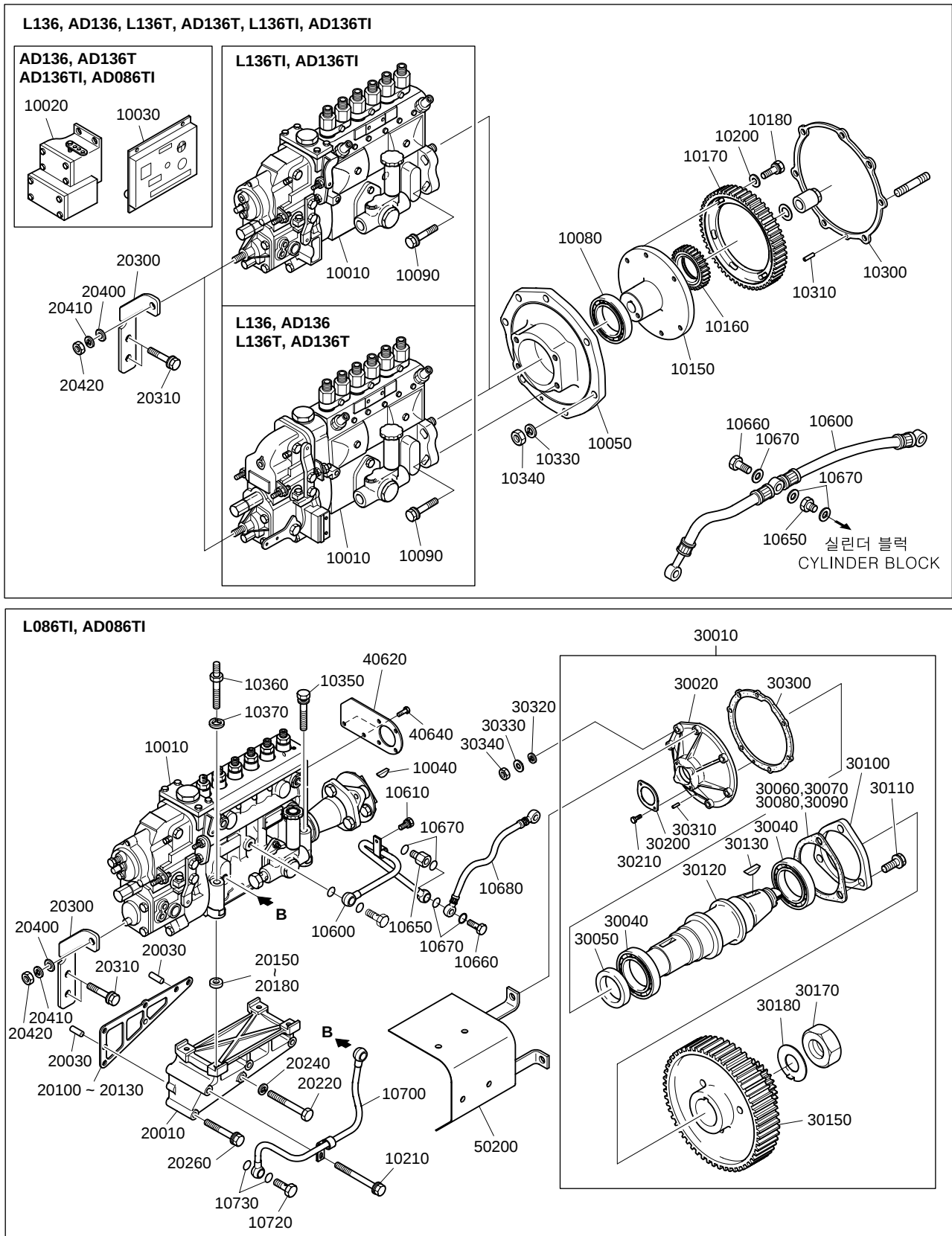


Fig.130 FUEL INJECTION PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.11101-7269A		PUMP ; INJECTION	1	-	-	-	-	-	-	-			L136TL
-	65.11101-7271A		PUMP ; INJECTION	-	-	1	-	-	-	-	-			
-	65.11101-7410		PUMP ; INJECTION	-	-	1	-	-	-	-	-			
-	65.11101-7341		PUMP ; INJECTION	-	-	-	-	1	-	-	-			
-	65.11101-7311		PUMP ; INJECTION	-	-	-	-	-	-	1	1			
-	65.11101-7400		PUMP ; INJECTION	-	1	-	1	-	1	-	-			
10020	65.11501-7006	가	GOVERNOR ASS Y	-	-	-	-	-	-	-	1			
-	65.11501-7008	가	GOVERNOR ASS Y	-	1	-	1	-	1	-	-			
10030	65.11220-7008	•	• CONTROLLER ; ACTUATOR	-	1	-	1	-	1	-	1			
10040	06.29141-0215	•	• KEY ; WOODRUFF 6×22	-	-	-	-	-	-	1	1			
10050	65.11401-0040		FLANGE ; INJECTION PUMP MOUNTING	1	1	1	1	1	1	-	-			
10080	65.93410-0036		BALL BEARING ; INJECTION PUMP	1	1	1	1	1	1	-	-			
10090	06.01923-3218		BOLT ASS Y M10×35	4	4	4	4	4	4	-	-			
10150	65.11106-0008		COUPLING ; INJECTION PUMP	1	1	1	1	1	1	-	-			
10160	65.11301-0015A		GEAR ; SEA WATER PUMP DRIVE	1	1	1	1	1	1	-	-			
10170	65.11301-0063		GEAR ; INJECTION PUMP	1	1	1	1	1	1	-	-			
10180	06.01913-3116		BOLT ASS Y M8×28	6	6	6	6	6	6	-	-			
10200	65.90710-0015		WASHER ; PLAIN T=2.5	6	6	6	6	6	6	-	-			
10300	65.11902-0018A	가	GASKET ; MTG FLANGE	1	1	1	1	1	1	-	-			
10310	06.22220-1110		PIN ; SPRING 6×20	1	1	1	1	1	1	-	-			
10330	06.16731-2108		WASHER ; SPRING A10	7	7	7	7	7	7	-	-			
10340	06.11063-8215		NUT ; HEX. M10	7	7	7	7	7	7	-	-			
10350	06.01923-3228		BOLT ASS Y M10×85	-	-	-	-	-	-	3	4			
10360	65.90201-0178		BOLT ; SPACER M10×85	-	-	-	-	-	-	1	1			
10370	06.15010-2312		WASHER ; PLAIN 10.5	-	-	-	-	-	-	1	1			
10600	65.96340-0034		HOSE ; OIL	1	1	1	1	1	1	-	-			
-	65.05701-5356		PIPE ; OIL	-	-	-	-	-	-	1	1			
10610	06.01913-2910		BOLT ; HEX. M6×12	-	-	-	-	-	-	1	1			
10650	65.98130-0029		ADAPTER ; SPACER	1	1	1	1	1	1	1	1			
10660	65.98150-0028		SCREW ; HOLLOW	1	1	1	1	1	1	-	-			
-	65.98150-0050		SCREW ; HOLLOW	-	-	-	-	-	-	1	1			
10670	06.56180-0714		RING ; SEAL A10×15	3	3	3	3	3	3	4	4			
10680	65.96340-0012		HOSE ; OIL	-	-	-	-	-	-	1	1			
10700	65.05701-5358		PIPE ; OIL RETURN	-	-	-	-	-	-	1	1			
10720	65.90420-0012A		SCREW ; HOLLOW M16×2	-	-	-	-	-	-	1	1			
10730	06.56190-0708		RING ; SEAL A16×22	-	-	-	-	-	-	2	2			
20010	65.11401-0046A		BRACKET ; INJ. PUMP MTG	-	-	-	-	-	-	1	1			
20030	06.22022-1112		PIN ; DOWEL 10M6×20	-	-	-	-	-	-	2	2			
20100	65.11405-0001		SHIM ; INJ. PUMP BRACKET(SEE-8001)	-	-	-	-	-	-	1	1			
20110	65.11405-0002		SHIM ; INJ. PUMP BRACKET 0.15MM	-	-	-	-	-	-	1	1			
20120	65.11405-0003		SHIM ; INJ. PUMP BRACKET 0.2MM	-	-	-	-	-	-	1	1			
20130	65.11405-0004		SHIM ; INJ. PUMP BRACKET 0.5MM	-	-	-	-	-	-	1	1			
20150	65.11405-0009		SHIM 0.1MM(SEE-8004)	-	-	-	-	-	-	4	4			
20160	65.11405-0010		SHIM 0.3MM(SEE-8003)	-	-	-	-	-	-	4	4			
20170	65.11405-0013		SHIM ; INJ. PUMP MOUNTING(0.2MM)	-	-	-	-	-	-	4	4			
20180	65.11405-0015		SHIM	-	-	-	-	-	-	4	4			
20210	06.01913-3234		BOLT ; HEX. M10×130	-	-	-	-	-	-	3	3			

Fig.130 FUEL INJECTION PUMP

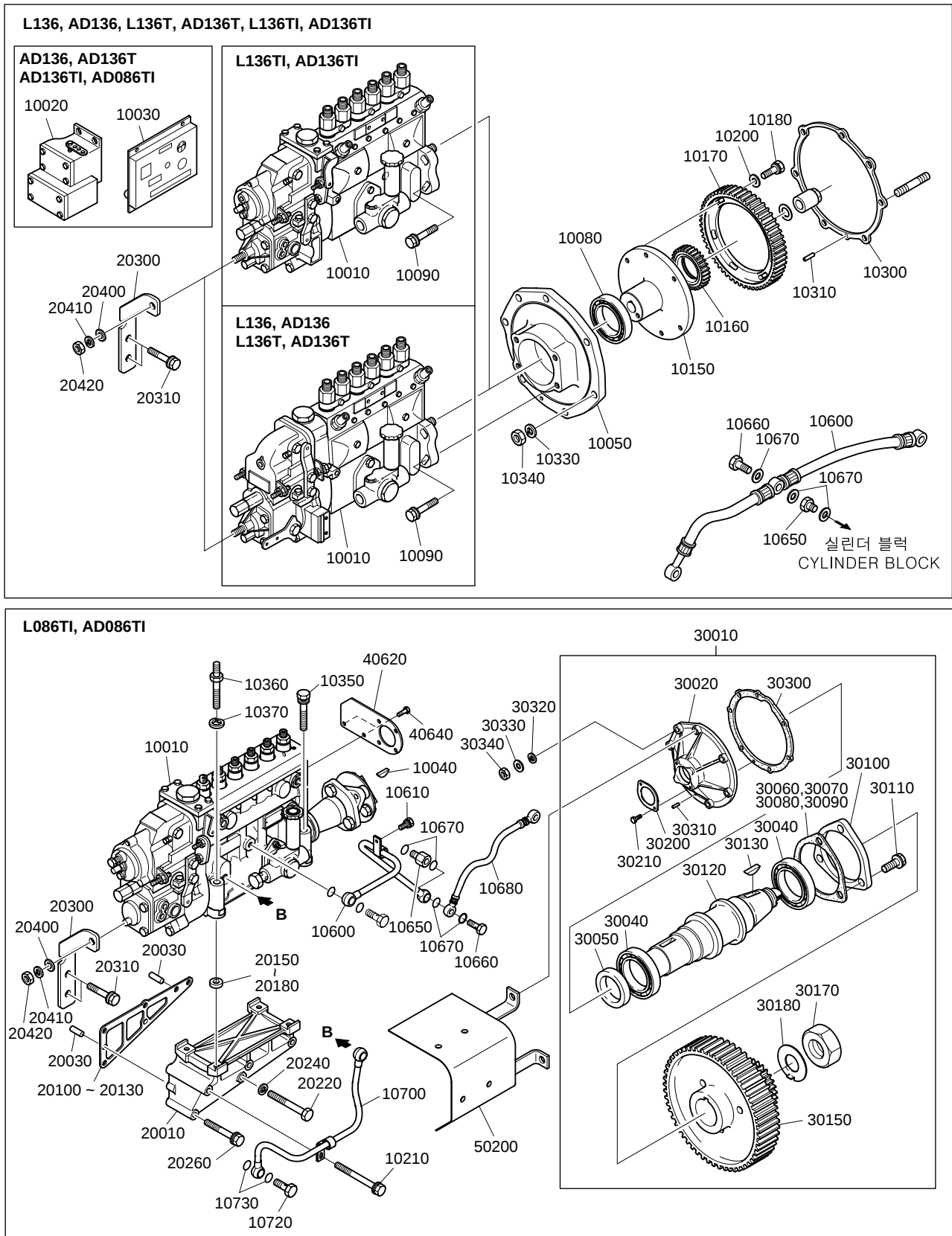
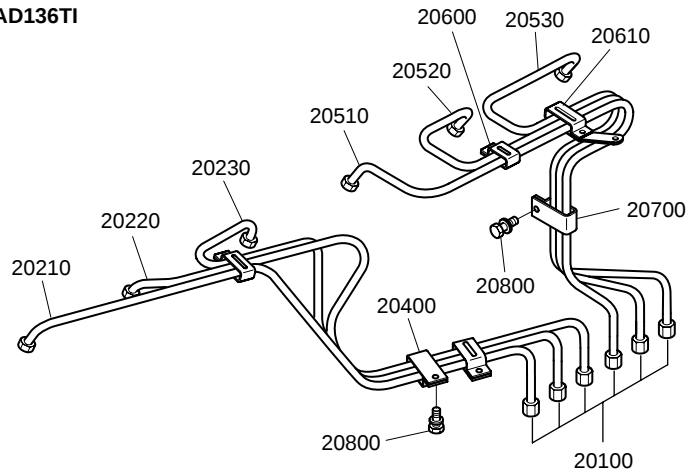


Fig.130 FUEL INJECTION PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
20220	06.01013-9226		BOLT ; HEX. M10×1.5×110	-	-	-	-	-	-	1	1			
20240	06.16731-2108		WASHER ; SPRING A10	-	-	-	-	-	-	1	1			
20260	06.01913-3229		BOLT ; HEX. M10×90	-	-	-	-	-	-	1	1			
20300	65.11401-0034A		BRACKET ; INJECTION PUMP REAR	1	1	1	1	1	1	1	1			
20310	06.01913-3217		BOLT ASS Y M10×30	2	2	2	2	2	2	-	-			
20400	06.15010-2312		WASHER ; PLAIN 10.5	1	1	1	1	1	1	-	-			
20410	06.16731-2108		WASHER ; SPRING A10	1	1	1	1	1	1	-	-			
20420	06.11063-9215		NUT ; HEX. M10×1.25 KS-B1	1	1	1	1	1	1	-	-			
30010	65.11301-7017		INJECTION PUMP DRIVE ASS Y	-	-	-	-	-	-	1	1			
30020	65.11309-0005C	•	• HOUSING ; INJECTION PUMP DRIVE	-	-	-	-	-	-	1	1			
30040	06.32092-0307	•	• BEARING ; TAPER ROLLER	-	-	-	-	-	-	2	2			
30050	65.01510-0039	•	• SEAL ; OIL	-	-	-	-	-	-	1	1			
30060	65.11308-0001	•	• SHIM 0.5MM(SEE8001)	-	-	-	-	-	-	1	1			
30070	65.11308-0002	•	• SHIM 0.2MM(ALT V)	-	-	-	-	-	-	1	1			
30080	65.11308-0003	•	• SHIM 0.15MM(ALT V)	-	-	-	-	-	-	1	1			
30090	65.11308-0004	•	• SHIM 0.1MM(ALT V)	-	-	-	-	-	-	1	1			
30100	65.11312-0006	•	• COVER ; INJECTION PUMP DRIVE	-	-	-	-	-	-	1	1			
30110	06.01913-3114	•	• BOLT ASS Y M8×22	-	-	-	-	-	-	3	3			
30120	65.11302-0015	•	• SHAFT ; INJECTION PUMP DRIVE	-	-	-	-	-	-	1	1			
30130	06.29141-0215	•	• KEY ; WOODRUFF 6×22	-	-	-	-	-	-	1	1			
30150	65.11301-0019	•	• DRIVE ; INJECTION PUMP GEAR	-	-	-	-	-	-	1	1			
30170	06.11250-4329	•	• NUT ; HEX. M24×1.5	-	-	-	-	-	-	1	1			
30180	06.16050-0316	•	• WASHER ; LOCK 25	-	-	-	-	-	-	1	1			
30200	65.98112-0027	•	• FLANGE	-	-	-	-	-	-	1	1			
30210	06.01913-2910	•	• BOLT ; HEX. M6×12	-	-	-	-	-	-	2	2			
30300	65.11902-0018A	•가	• GASKET ; MOUNTING FLANGE	-	-	-	-	-	-	1	1			
30310	06.22220-1110	•	• PIN ; SPRING 6×20	-	-	-	-	-	-	1	1			
30320	06.15010-2312		WASHER ; PLAIN 10.5	-	-	-	-	-	-	7	7			
30330	06.16731-2108		WASHER ; SPRING A10	-	-	-	-	-	-	7	7			
30340	06.11063-8215		NUT ; HEX. M10	-	-	-	-	-	-	7	7			
40620	65.32630-0010		BRACKET ; SOLENOID	-	-	-	-	-	-	1	1			
40640	06.01913-2910		BOLT ; HEX. M6×12	-	-	-	-	-	-	2	2			
50200	65.11219-6001A		COVER ; INJECTION PUMP DRIVE	-	-	-	-	-	-	1	1			

Fig.140 NOZZLE & FUEL INJECTION PIPE

**L136, AD136, L136T
AD136T, L136TI, AD136TI**



L086TI, AD086TI

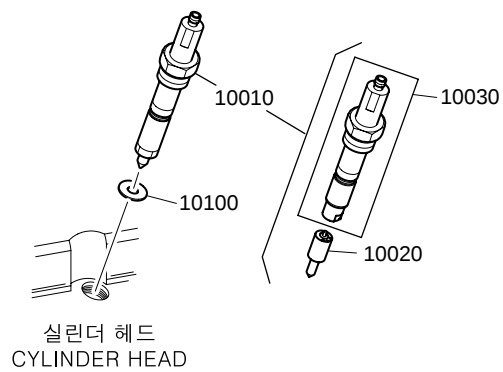
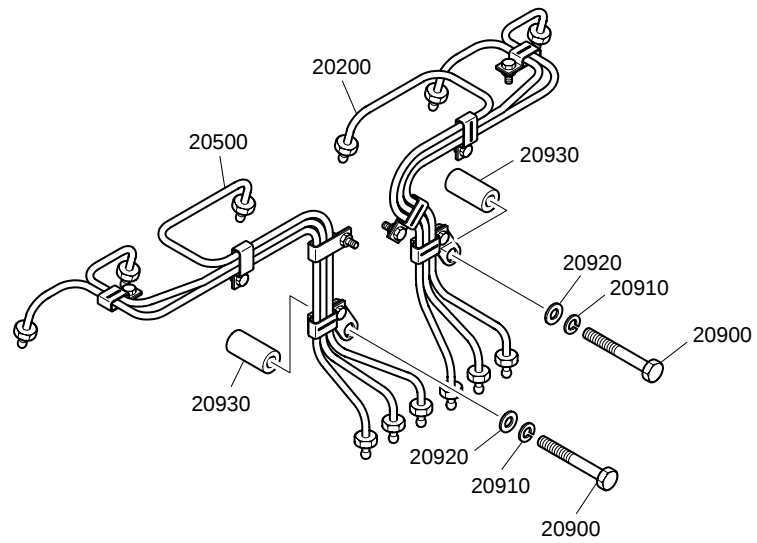


Fig.140 NOZZLE & FUEL INJECTION PIPE

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.10101-7050A		NOZZLE & HOLDER ASS Y	6	6	6	6	-	-	-	-			
-	65.10101-7293A		NOZZLE & HOLDER ASS Y	-	-	6	-	-	-	-	-			L136TL
-	65.10101-7080A		NOZZLE & HOLDER ASS Y	-	-	-	-	6	6	-	-			
-	65.10101-7450A		NOZZLE & HOLDER ASS Y	-	-	-	-	-	-	6	6			
10020	65.10102-6026A	•	• NOZZLE	6	6	6	6	-	-	-	-			
-	65.10102-6040A	•	• NOZZLE	-	-	-	-	6	6	-	-			
-	65.10102-6051A	•	• NOZZLE	-	-	-	-	-	-	6	6			
10030	65.10101-6024	•	• HOLDER ; HOZZLE	6	6	6	6	6	6	-	-			
-	65.10115-6003	•	• HOLDER ; HOZZLE	-	-	-	-	-	-	6	6			
10100	65.96501-0057		RING ; SEAL	6	6	6	6	6	6	6	6			
20100	65.10301-6048C		INJECTION PIPE ASS Y(NO.1~6)	1	1	1	1	1	1	-	-			
20200	65.10301-6049B		INJECTION PIPE ASS Y(NO.4~6)	-	-	-	-	-	-	1	1			
20210	65.10301-5259	•	1 • PIPE ; INJECTION(NO.1)	1	1	1	1	1	1	-	-			
20220	65.10301-5260	•	2 • PIPE ; INJECTION(NO.2)	1	1	1	1	1	1	-	-			
20230	65.10301-5261	•	3 • PIPE ; INJECTION(NO.3)	1	1	1	1	1	1	-	-			
20400	65.97480-0170	•	• HOLDER ; INJECTION PIPE	1	1	1	1	1	1	-	-			
20500	65.10301-6052B		INJECTION PIPE ASS Y(NO.1~3)	-	-	-	-	-	-	1	1			
20510	65.10301-5262	•	4 • PIPE ; INJECTION(NO.4)	1	1	1	1	1	1	-	-			
20520	65.10301-5263	•	5 • PIPE ; INJECTION(NO.5)	1	1	1	1	1	1	-	-			
20530	65.10301-5264	•	6 • PIPE ; INJECTION(NO.6)	1	1	1	1	1	1	-	-			
20600	65.97401-6001	•	• PIPE CLIP ASS Y	1	1	1	1	1	1	-	-			
20610	65.97401-6002	•	• PIPE CLIP ASS Y	6	6	6	6	6	6	-	-			
20700	65.97480-0160	•	• HOLDER	1	1	1	1	1	1	-	-			
20800	06.01923-3214		BOLT ; HEX. M10×22	2	2	2	2	2	2	-	-			
20900	06.01013-9221		BOLT ; HEX. M10×80	-	-	-	-	-	-	2	2			
20910	06.16731-2108		WASHER ; SPRING A10	-	-	-	-	-	-	2	2			
20920	06.15010-2312		WASHER ; PLAIN 10.5	-	-	-	-	-	-	2	2			
20930	65.91701-0165		SPACER L=46	-	-	-	-	-	-	2	2			

Fig.150 ALTERNATOR & STARTER

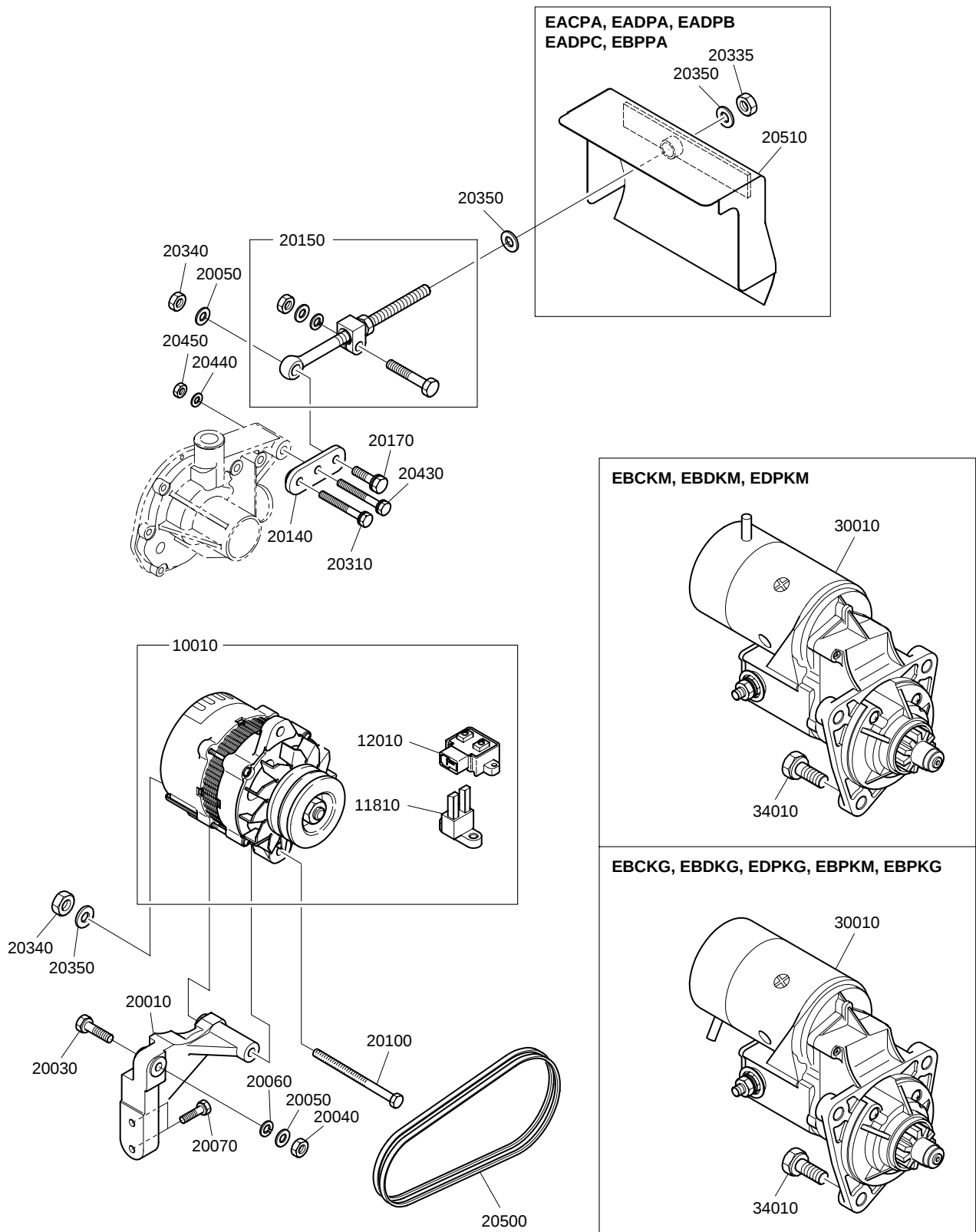


Fig.150 ALTERNATOR & STARTER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.26101-7138		ALTERNATOR	1	1	1	1	1	1	1	1			
11810	65.26106-5007	•	• BRUSH ASS Y-P.S ALT.	1	1	1	1	1	1	1	1			
12010	65.25601-0001	•	• REGULATOR -P.S ALT.	1	1	1	1	1	1	1	1			
20010	65.19102-0084A		BRACKET ; ALTERNATOR MOUNTING	1	1	1	1	1	1	1	1			
20030	06.01914-3320		BOLT ASS Y M12×45	1	1	1	1	1	1	1	1			
20040	06.11063-9216		NUT ; HEX. M12×1.5	1	1	1	1	1	1	1	1			
20050	06.15010-4313		WASHER ; PLAIN 12	1	1	1	1	1	1	1	1			
20060	06.16731-2109		WASHER ; SPRING A12	1	1	1	1	1	1	1	1			
20070	06.01914-3219		BOLT ASS Y M10×40	2	2	2	2	2	2	2	2			
20100	65.90001-0002A		BOLT ; HEX. M12×1.5×150	1	1	1	1	1	1	1	1			
20140	65.19103-5045		SUPPORT ; ALTERNATOR	1	1	1	1	1	1	1	1			
20150	65.19103-6011A		BOLT ; EYE	1	1	1	1	1	1	1	1			
20170	06.01914-3320		BOLT ASS Y M12×45	1	1	1	1	1	1	1	1			
20335	06.11063-9216		NUT ; HEX. M12×1.5	1	1	1	1	1	1	1	1			
20340	06.11063-8216		NUT ; HEX. M12×1.75	2	2	2	2	2	2	2	2			
20350	06.15010-2313		WASHER ; PLAIN 12	3	3	3	3	3	3	3	3			
20430	06.01913-3228		BOLT ASS Y M12×85	1	1	1	1	1	1	1	1			
20440	06.15010-2312		WASHER ; PLAIN 10.5	1	1	1	1	1	1	1	1			
20450	06.11063-8215		NUT ; HEX. M10	1	1	1	1	1	1	1	1			
20500	65.96801-0107	V-	V-BELT L=2-13×1550	1	1	1	1	1	1	1	1			
20510	65.26102-5007B		COVER ; ALTERNATOR	1	1	1	1	1	1	1	1			
30010	65.26201-7063		STARTER	1	-	1	-	1	-	-	-			
-	65.26201-7043A		STARTER	-	1	-	1	-	1	1	1			
34010	06.01953-3320		BOLT ASS Y M12×1.5×45	3	3	3	3	3	3	3	3			

Fig.160 LIFTING HOOK & BRACKET MOUNTING

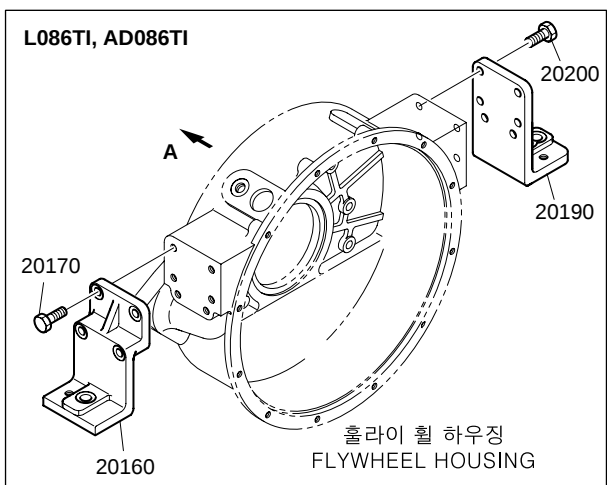
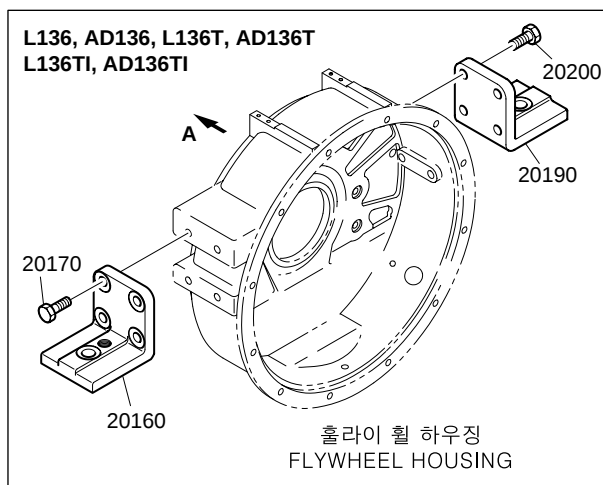
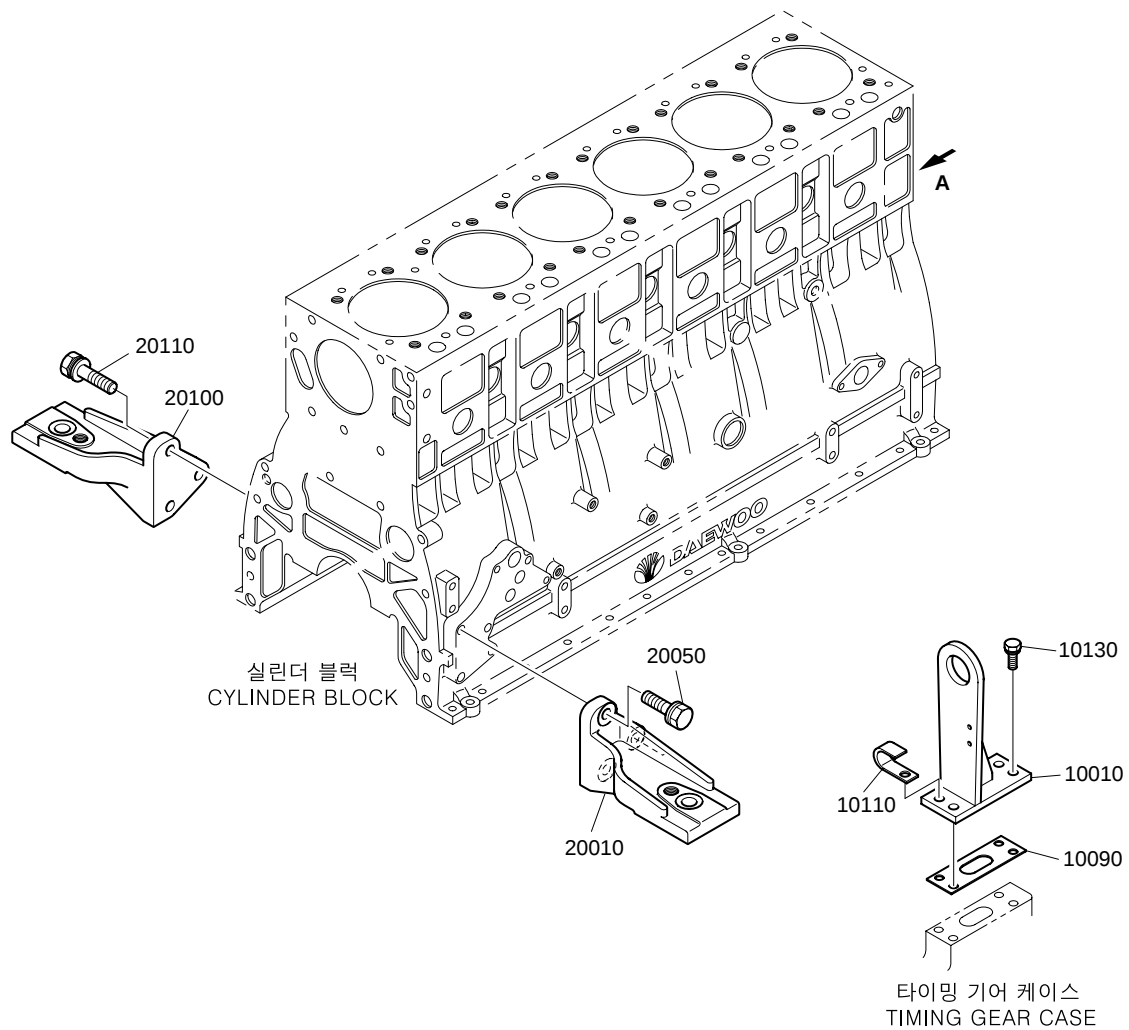


Fig.160 LIFTING HOOK & BRACKET MOUNTING

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.19202-5007		HANGER ; FRONT	1	1	1	1	1	1	1	1			
10090	65.54903A0013	가	GASKET	1	1	1	1	1	1	1	1			
10110	60.97401-0051		CLIP	1	1	1	1	1	1	1	1			
10130	06.01913-3215		BOLT ASS Y M10×25	4	4	4	4	4	4	4	4			
20010	65.41530-0141		BRACKET ; ENGINE MOUNTING(FR)	1	1	1	1	1	1	1	1			
20050	06.01943-3317		BOLT ASS Y M12×1.5×30	3	3	3	3	3	3	3	3			
20100	65.45130-0140		BRACKET ; ENGINE MOUNTING(FR)	1	1	1	1	1	1	1	1			
20110	06.01943-3317		BOLT ASS Y M12×1.5×30	3	3	3	3	3	3	3	3			
20160	65.41530-0142		BRACKET ; ENGINE MOUNTING(RR)	1	1	1	1	1	1	-	-			
-	65.41530-0174		BRACKET ; ENGINE MOUNTING(FR)	-	-	1	-	-	-	1	1			L136TL
20170	06.01943-3318		BOLT ASS Y M12×1.5×35	4	4	4	4	4	4	-	-			
-	06.01943-3325		BOLT ASS Y M12×1.5×70	-	-	-	-	-	-	2	2			
20190	65.41530-0142		BRACKET ; ENGINE MOUNTING(RR)	1	1	1	1	1	1	-	-			
-	65.41530-0175		BRACKET ; ENGINE MOUNTING(FR)	-	-	1	-	-	-	1	1			L136TL
20200	06.01943-3318		BOLT ASS Y M12×1.5×35	4	4	4	4	4	4	6	6			

Fig.170 HEAT EXCHANGER

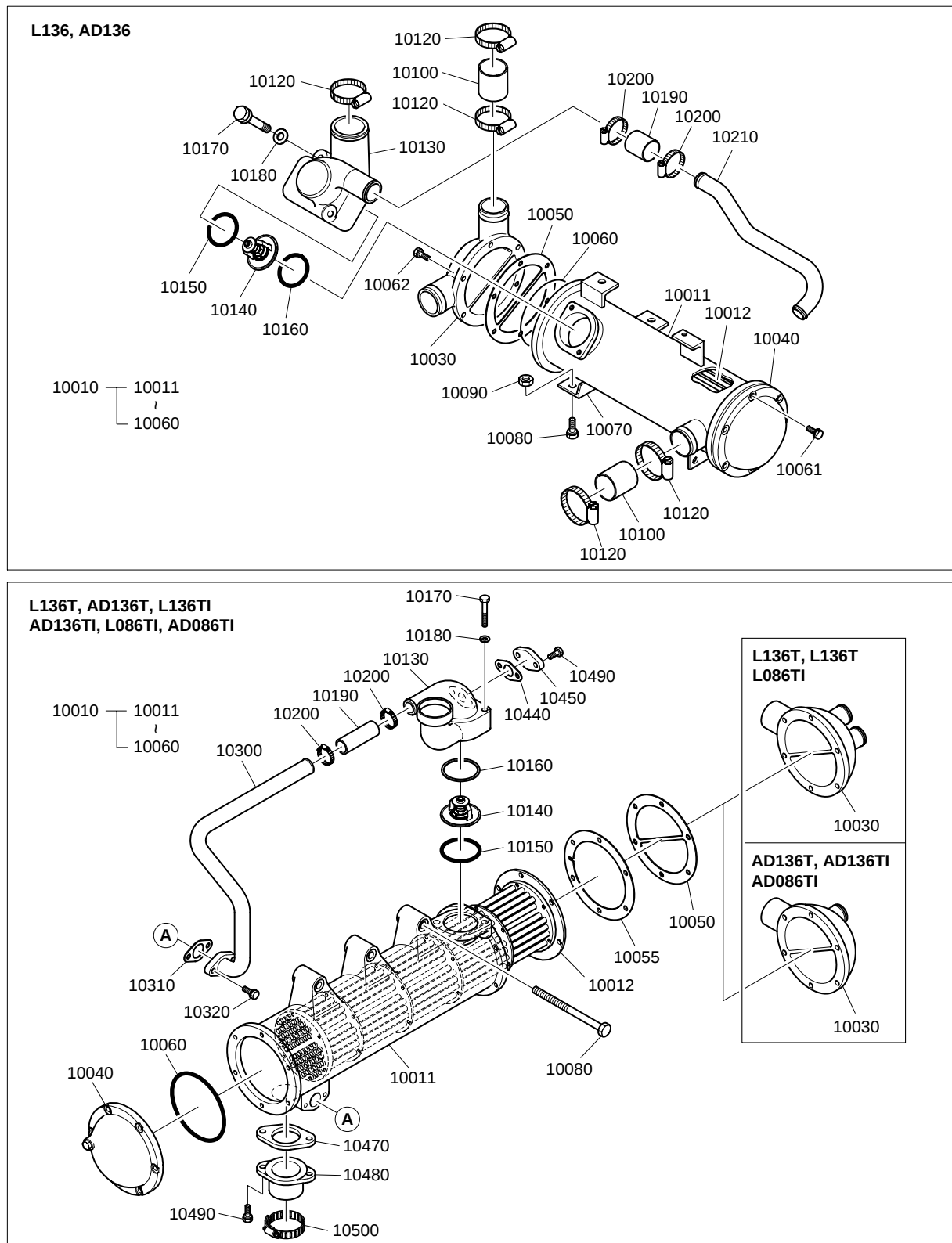


Fig.170 HEAT EXCHANGER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L T	AD T	L TI	AD TI	L TI	AD TI			
10010	65.06160-6013		HEAT EXCHANGER ASS Y	1	1	-	-	-	-	-	-			
-	65.06160-6020		HEAT EXCHANGER ASS Y	-	-	1	-	1	-	1	-			
-	65.06160-6019		HEAT EXCHANGER ASS Y	-	-	-	1	-	1	-	1			
10011	65.06165-5001	•	• HOUSING ; HEAT EXCHANGER	1	1	-	-	-	-	-	-			
-	65.06165-5005	•	• HOUSING ; HEAT EXCHANGER	-	-	1	1	1	1	1	1			
10012	65.06162-5042	•	• TUBE ASS Y	1	1	-	-	-	-	-	-			
-	65.06162-5005	•	• TUBE ASS Y	-	-	1	1	1	1	1	1			
10030	60.06163-0034	•	• COVER(R.H)	1	1	-	-	-	-	-	-			
-	65.06163-0011	•	• COVER(R.H)	-	-	1	-	1	-	1	-			
-	65.06163-0007	•	• COVER(R.H)	-	-	-	1	-	1	-	1			
10040	60.06163-0035	•	• COVER(L.H)	1	1	-	-	-	-	-	-			
-	65.06163-0006	•	• COVER(L.H)	-	-	1	1	1	1	1	1			
10050	60.06903-0029	•가	• GASKET	1	1	1	1	1	1	1	1			
10055	65.06903-0027	•가	• GASKET	-	-	1	1	1	1	1	1			
10060	06.56021-0122	• O-	• O-RING G130	1	1	1	1	1	1	1	1			
10061	06.01286-3117	•	• BOLT ASS Y M8×30	6	6	6	6	6	6	6	6			
10062	06.01286-3115	•	• BOLT ASS Y M8×25	6	6	6	6	6	6	6	6			
10070	60.06169-0010		BRACKET ; HEAT EXCHANGER	1	1	-	-	-	-	-	-			
10080	06.01913-3214		BOLT ASS Y M10×22	6	6	-	-	-	-	-	-			
-	06.01494-2326		BOLT ; HEX. M12×170	-	-	3	3	3	3	3	3			
10090	06.11063-8215		NUT ; HEX. M10	2	2	-	-	-	-	-	-			
10100	65.96301-0263		HOSE ; SILICON D50×80(-8001)	2	2	-	-	-	-	-	-			
10120	65.97440-0099		CLAMP ; HOSE	5	5	-	-	-	-	-	-			
10130	65.06404-0019B		HOUSING ; THERMOSTAT	1	1	-	-	-	-	-	-			
-	65.06404-5024		HOUSING ; THERMOSTAT	-	-	1	1	1	1	1	1			
10140	51.06402-0062		THERMOSTAT	1	1	1	1	1	1	1	1			
10150	06.56342-1208	• O-	• O-RING 60×4	1	1	1	1	1	1	1	1			
10160	65.06901A0069	가	GASKET	1	1	-	-	-	-	-	-			
-	65.06901A0070	가	GASKET	-	-	1	1	1	1	1	1			
10170	06.01913-3123		BOLT ; HEX. M8×60	2	2	-	-	-	-	-	-			
-	06.01913-3122		BOLT ; HEX. M8×55	-	-	2	2	2	2	2	2			
10180	06.15010-2311		WASHER 8.4	2	2	2	2	2	2	2	2			
10190	65.96301-0261		HOSE ; RUBBER D28×80	1	1	1	1	1	1	1	1			
10200	65.97440-0102		CLAMP ; HOSE	2	2	2	2	2	2	2	2			
10210	65.06301-0157A		PIPE ; BY-PASS	1	1	-	-	-	-	-	-			
10300	65.06301-5242		PIPE ; COOLING WATER	-	-	1	1	1	1	1	1			
10310	65.96601-0221B	가	GASKET	-	-	1	1	1	1	1	1			
10320	06.01913-3115		BOLT ASS Y M8×25	-	-	2	2	2	2	2	2			
10440	65.96601-0050	가	GASKET	-	-	1	1	1	1	1	1			
10450	65.91601-0006		COVER	-	-	1	1	1	1	-	-			
10470	60.96605A0013	가	GASKET	-	-	1	1	1	1	1	1			
10480	65.96301-5003		HOSE ; RUBBER	-	-	1	1	1	1	1	1			
10490	06.01913-3114		BOLT ASS Y M8×22	-	-	4	4	2	2	2	2			
10500	65.97440-0099		CLAMP ; HOSE 50~70	-	-	1	1	1	1	1	1			

Fig.180 FRESH WATER COOLING LINES

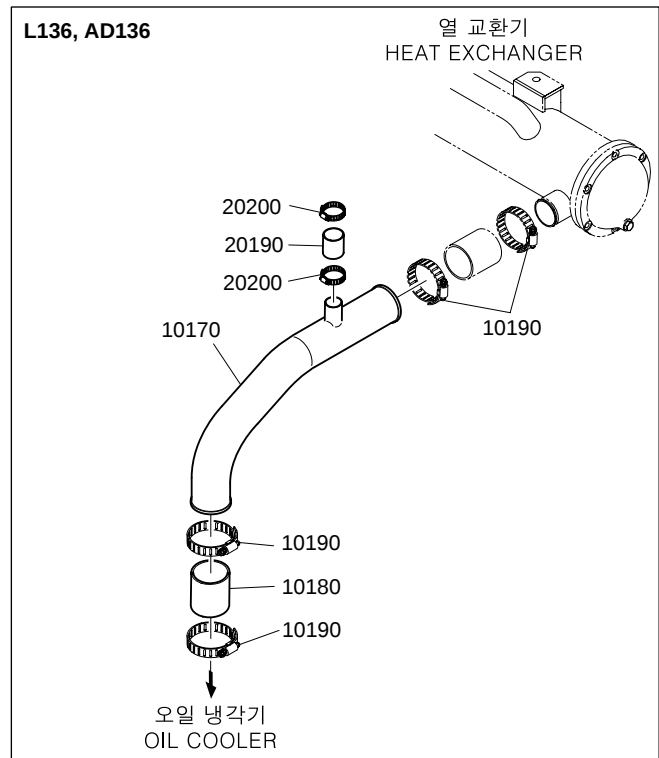
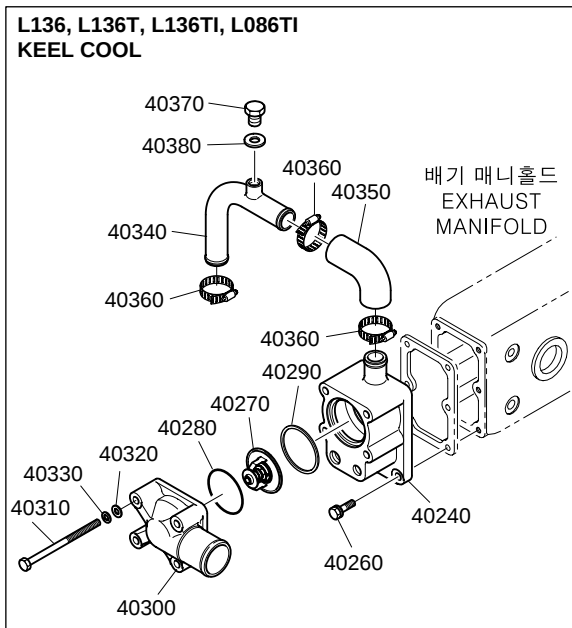
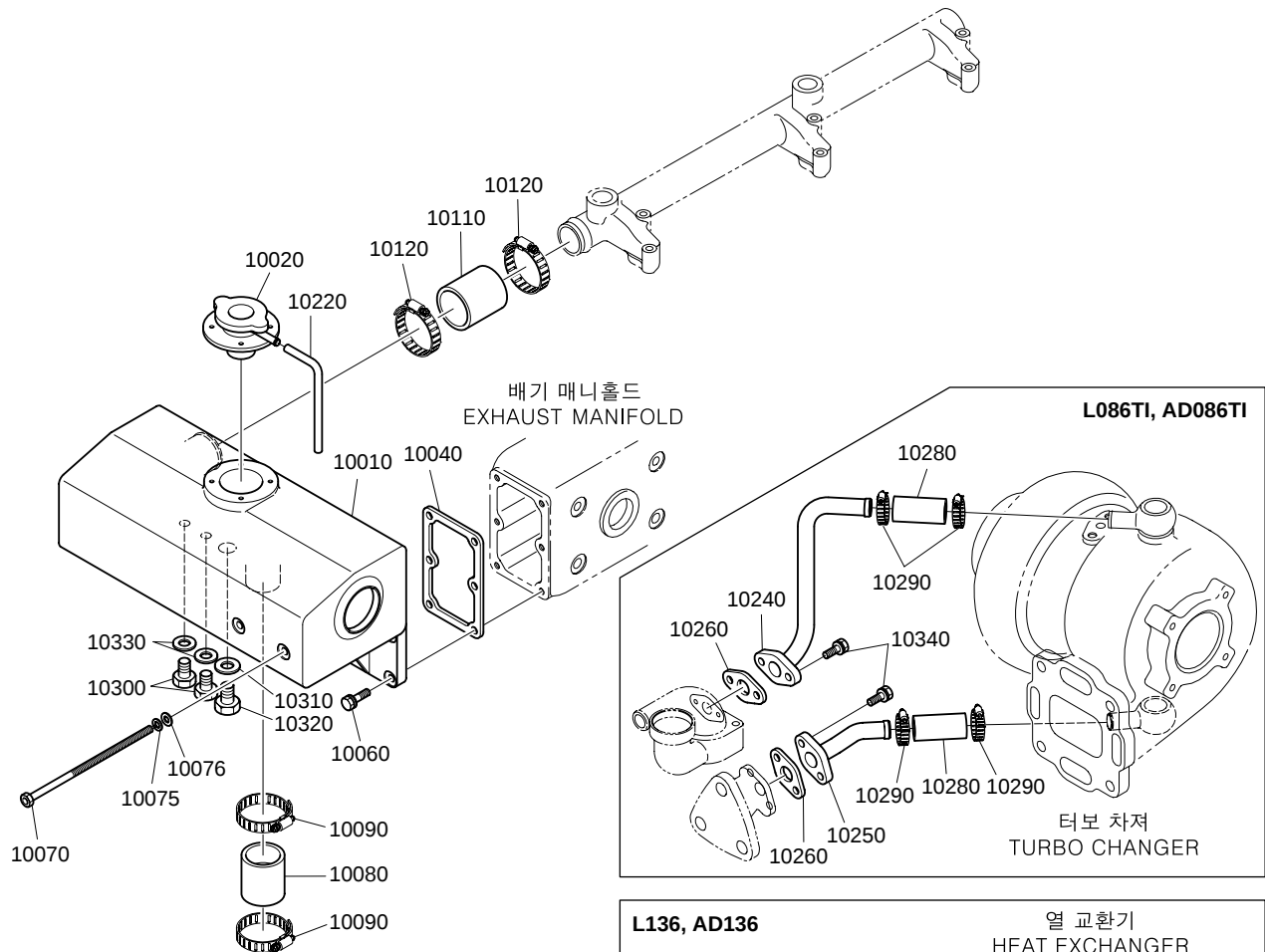


Fig.180 FRESH WATER COOLING LINES

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.06167-5001A		TANK ; EXPANSION	1	1	1	1	1	1	1	1			
10020	60.01810-5001	•	• CAP ; FILLER	1	1	1	1	1	1	1	1			
10040	65.06903A0014	가	GASKET	1	1	1	1	1	1	1	1			
10060	06.01913-3117		BOLT ASS 'Y M8×30	4	4	4	4	4	4	4	4			
10070	65.90020-0082		BOLT ASS 'Y M8×200	2	2	2	2	2	2	2	2			
10075	06.16731-2107		WASHER ; SPRING A8	2	2	2	2	2	2	2	2			
10076	06.15010-2311		WASHER ; PLAIN 8.4	2	2	1	1	1	1	1	1			
10080	65.96301-0332		HOSE ; RUBBER Ø40×55	1	1	1	1	1	1	1	1			
10090	65.97440-0100		CLAMP ; HOSE(40~60)	2	2	2	2	2	2	2	2			
10110	65.96301-0376		HOSE ; RUBBER Ø45×60	1	1	1	1	1	1	1	1			
10120	65.97440-0100		CLAMP ; HOSE(40~60)	2	2	2	2	2	2	2	2			
10170	65.06301-5191		PIPE ; COOLING WATER	1	1	-	-	-	-	-	-			
10180	65.96301-0263		HOSE ; RUBBER Ø50×80	1	1	-	-	-	-	-	-			
10190	65.97440-0099		CLAMP ; HOSE(12~22)	4	4	-	-	-	-	-	-			
10220	04.50010-0615		HOSE ; VINYL	1	1	1	1	1	1	1	1			
10240	65.06301-5190A	-	PIPE ; COOLING WATER-TURBO OUT	-	-	-	-	-	-	1	1			L086TIL
-	65.06301-5303	-	PIPE ; COOLING WATER-TURBO OUT	-	-	-	-	-	-	1	1			
10250	65.06301-5222	-	PIPE ; COOLING WATER-TURBO IN	-	-	-	-	-	-	1	1			
-	65.06301-5304A	-	PIPE ; COOLING WATER-TURBO IN	-	-	-	-	-	-	1	1			L086TIL
10260	65.96601-0050	가	GASKET ; COOLING WATER-TURBO OUT	-	-	-	-	-	-	2	2			
10280	65.96301-0281		HOSE ; SILICON Ø19×60	-	-	-	-	-	-	2	2			
10290	65.97440-0103		CLAMP ; HOSE(20~32)	-	-	-	-	-	-	4	4			
10300	06.08095-4604		SCREW ; PLUG M14×1.5	2	2	1	1	1	1	1	1			
10310	06.56190-0712		RING ; SEAL A18×22	1	1	1	1	1	1	1	1			
10320	06.08095-4606		SCREW ; PLUG M18×1.5	1	1	1	1	1	1	1	1			
10330	06.56190-0705		RING ; SEAL A14×20	2	2	1	1	1	1	1	1			
10340	06.01913-3114		BOLT ASS 'Y M8×22	-	-	-	-	-	-	4	4			
20190	65.96301-0261		HOSE ; RUBBER Ø28×80	1	1	-	-	-	-	-	-			
20200	65.97440-0102		CLAMP ; HOSE	2	2	-	-	-	-	-	-			
40240	65.06405-0029		HOUSING ; THERMOSTAT	1	-	1	-	1	-	1	-	OP		KEEL COOL
40260	06.01913-3117		BOLT ASS 'Y M8×30	2	-	2	-	2	-	2	-	OP		KEEL COOL
40270	51.06402-0062		THERMOSTAT	1	-	1	-	1	-	1	-	OP		KEEL COOL
40280	06.56342-1208	O-	O-RING	1	-	1	-	1	-	1	-	OP		KEEL COOL
40300	65.06301-0179		OUTLET PIPE ; THERMOSTAT	1	-	1	-	1	-	1	-	OP		KEEL COOL
40310	06.01013-9128		BOLT ; HEX. M8×130	4	-	4	-	4	-	4	-	OP		KEEL COOL
40320	06.15010-2311		WASHER 8.4	4	-	4	-	4	-	4	-	OP		KEEL COOL
40330	06.16731-2107		WASHER ; SPRING A8	4	-	4	-	4	-	4	-	OP		KEEL COOL
40340	65.06301-0180		PIPE ; COOLING WATER	1	-	1	-	1	-	1	-	OP		KEEL COOL
40350	65.96301-0003		HOSE ; RUBBER	1	-	1	-	1	-	1	-	OP		KEEL COOL
40360	65.97440-0101		CLAMP ; HOSE	3	-	3	-	3	-	3	-	OP		KEEL COOL
40370	06.08095-4606		SCREW ; PLUG	1	-	1	-	1	-	1	-	OP		KEEL COOL
40380	06.56190-0712		RING ; SEAL A14×20	1	-	1	-	1	-	1	-	OP		KEEL COOL

Fig.190 SEA WATER PUMP

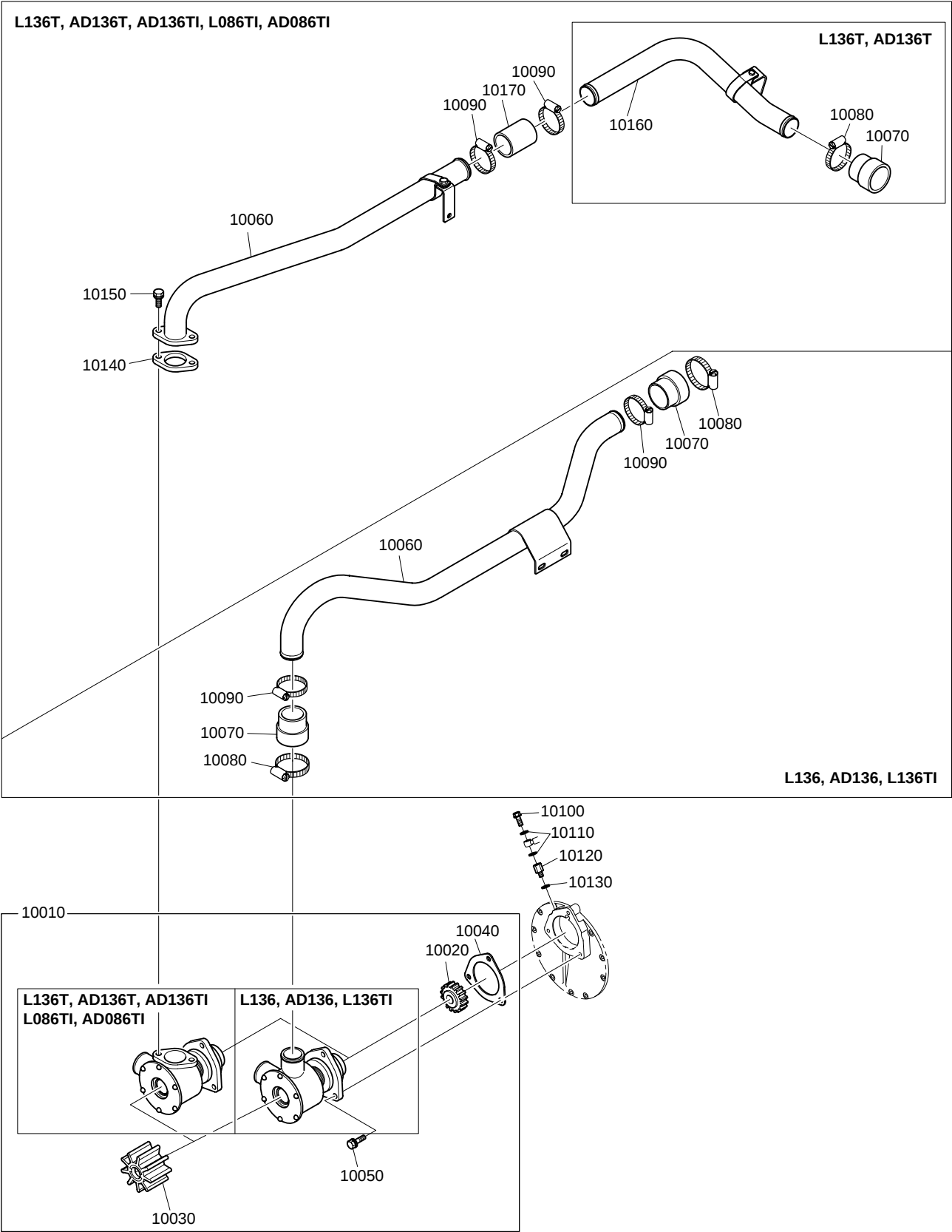


Fig.190 SEA WATER PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	60.06800-7060A		PUMP ; SEA WATER	1	1	-	-	1	-	-	-			
-	65.06800-7005		PUMP ; SEA WATER	-	-	1	1	-	1	1	1			
10020	60.06815-0005B	•	• GEAR ; DRIVE SEA WATER PUMP	1	1	1	1	1	1	1	1			
10030	60.06804-0010	•	• IMPELLER ; SEA WATER PUMP	1	1	1	1	1	1	1	1			
10040	65.06901A0033	가	GASKET ; SEA WATER PUMP	1	1	1	1	1	1	1	1			
10050	06.01913-3217		BOLT ASS 'Y M10×1.5×30	3	3	3	3	3	3	3	3			
10060	60.06301-5400		PIPE ; COOLING WATER(S/P-H/E)	1	1	-	-	1	-	-	-			
-	65.06301-5276A		PIPE ; COOLING WATER(S/P-H/E)	-	-	1	1	-	1	1	1			
10070	65.96301-0125B		HOSE ; RUBBER	2	2	1	1	-	-	-	-			
10080	65.97440-0099		CLAMP ; HOSE(50~70)	4	4	1	1	-	-	-	-			
10090	65.97440-0100		CLAMP ; HOSE(40~60)	4	4	3	3	-	3	3	3			
10100	65.98150-0056		SCREW ; HOLLOW	1	1	1	1	1	1	1	1			
10110	06.56180-0712		RING ; SEAL A8×14	2	2	2	2	2	2	2	2			
10120	65.98130-0188		ADAPTER ; OIL DEL	1	1	1	1	1	1	1	1			
10130	06.56180-0714		RING ; SEAL A10×15	1	1	1	1	1	1	1	1			
10140	65.96601-0056A	가	GASKET	-	-	1	1	-	1	1	1			
10150	06.01913-3217		BOLT ASS 'Y M10×30	-	-	2	2	-	2	2	2			
10160	65.06301-6073		PIPE ; COOLING WATER	-	-	1	1	-	-	-	-			
10170	65.96301-0074		HOSE ; RUBBER Ø45×70	-	-	1	1	-	1	1	1			

Fig.200 EXHAUST MANIFOLD

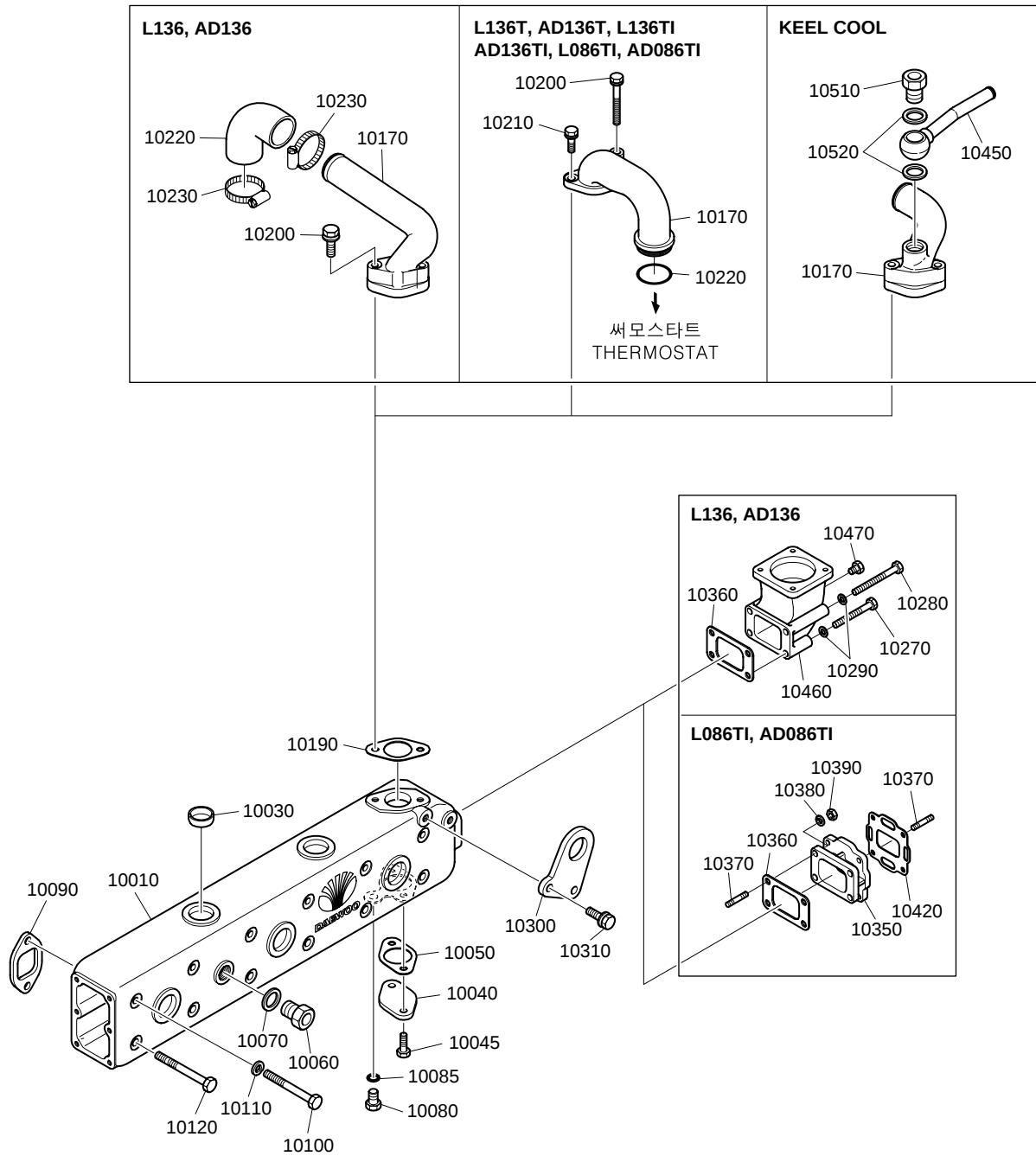


Fig.200 EXHAUST MANIFOLD

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	60.08101-5030C		MANIFOLD ; EXHAUST	1	1	1	1	1	1	1	1			
10030	65.90302-0050	•	• PLUG ; CORE Ø40	7	7	7	7	7	7	7	7			
10040	60.91615-0067	•	• COVER ; BLIND	1	1	1	1	1	1	1	1			
10045	06.01924-3215	•	• BOLT ASS Y M10×25	2	2	2	2	2	2	2	2			
10050	65.96601-0056A	•가	• GASKET ; SEA WATER PIPE	1	1	1	1	1	1	1	1			
10060	65.90310-0149A	•	• SCREW ; PLUG M26×1.5	1	1	1	1	1	1	1	1			
10070	06.56190-0726	•	• RING ; SEAL A26×31	1	1	1	1	1	1	1	1			
10080	06.08095-4604	•	• PLUG ; SCREW M14×1.5	1	1	1	1	1	1	1	1			
10085	06.56190-0706	•	• RING ; SEAL A14×20	1	1	1	1	1	1	1	1			
10090	65.08901-0055	가	GASKET ; EXHAUST MANIFOLD	6	6	6	6	6	6	6	6			
10100	06.01013-9227		BOLT : HEX. M10×1.5×120	6	6	6	6	6	6	6	6			
10110	06.16731-2108		WASHER ; SPRING A10	6	6	6	6	6	6	6	6			
10120	65.90020-0006		BOLT ; HEX. M12×1.5×115	6	6	6	3	3	3	3	3			
10170	60.06301-0096		PIPE ; COOLING WATER	1	1	-	-	-	-	-	-			
-	65.06301-0204		PIPE ; COOLING WATER	-	-	1	1	1	1	1	1			
-	65.06301-0218		PIPE ; COOLING WATER	-	-	-	-	-	-	1	-			KEEL COOL
10190	65.96601-0056A	가	GASKET	1	1	1	1	1	1	1	1			
10200	06.01913-3222		BOLT ASS Y M10×1.5×55	2	2	-	-	-	-	-	-			
-	06.01913-3227		BOLT ASS Y M10×80	-	-	1	1	1	1	1	1			
10210	06.01913-3217		BOLT ASS Y M10×30	-	-	1	1	1	1	1	1			
10220	60.96301-0070		HOSE ; RUBBER	1	1	-	-	-	-	-	-			
-	06.56020-0106	O-	O-RING	-	-	1	1	1	1	1	1			
10230	65.97440-0100		CLAMP ; HOSE	2	2	-	-	-	-	-	-			
10270	06.01013-9222		BOLT HEX. M10×1.5×85	2	2	-	-	-	-	-	-			
10280	06.01013-9225		BOLT HEX. M10×100	2	2	-	-	-	-	-	-			
10290	06.16731-2108		WASHER ; SPRING A10	4	4	-	-	-	-	-	-			
10300	65.19202-0090		HANGER ; LIFT(RR)	1	1	-	-	-	-	-	-			
-	65.19202-0039		HANGER ; LIFT(RR)	-	-	1	1	1	1	1	1			
10310	06.01733-4309		BOLT : HEX. M12×1.5×25	2	2	2	2	2	2	2	2			
10350	65.08105-0013A		FLAGE ; EXHAUST	-	-	-	-	-	-	1	1			
10360	65.09901-0018A	가	GASKET	1	1	1	1	1	1	1	1			
10370	65.90201-0072		BOLT ; STUD M10×30	-	-	8	8	8	8	8	8			
10380	06.16731-2108		WASHER ; SPRING A10	-	-	4	4	4	4	4	4			
10390	06.11063-8215		NUT ; HEX. M10	-	-	4	4	4	4	4	4			
10420	65.09901-0023	가	GASKET	-	-	-	-	-	-	1	1			
10450	65.06301-6077		PIPE ; COOLING WATER	-	-	-	-	-	-	1	-			KEEL COOL
10460	65.08112-0015A	•	• PIPE ; EXHAUST	1	1	-	-	-	-	-	-			
10470	65.90310-0123	•	• PLUG ; SCREW	1	1	1	1	1	1	1	1			
10510	06.78140-2408		SCREW ; HOLLOW	-	-	-	-	-	-	1	-			KEEL COOL
10520	06.56190-0719		RING ; SEAL	-	-	-	-	-	-	2	-			KEEL COOL

Fig.210 EXHAUST PIPE & WET-EXHAUST PIPE

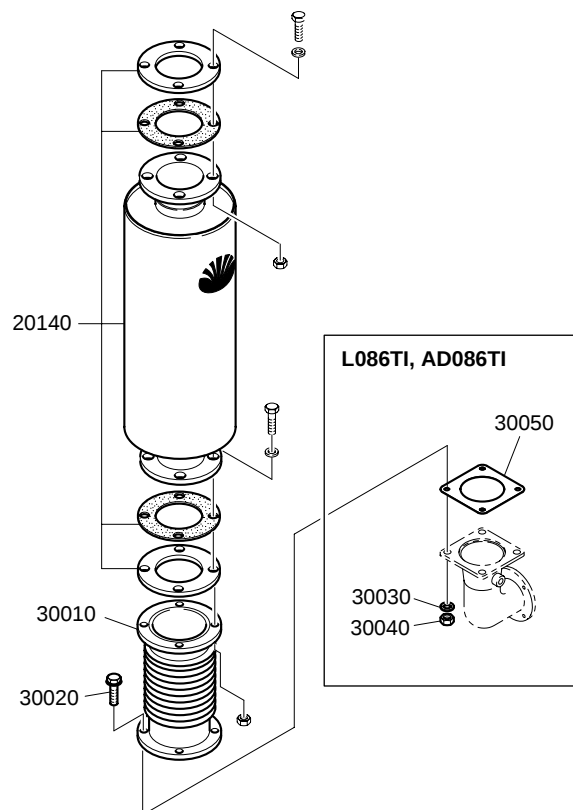
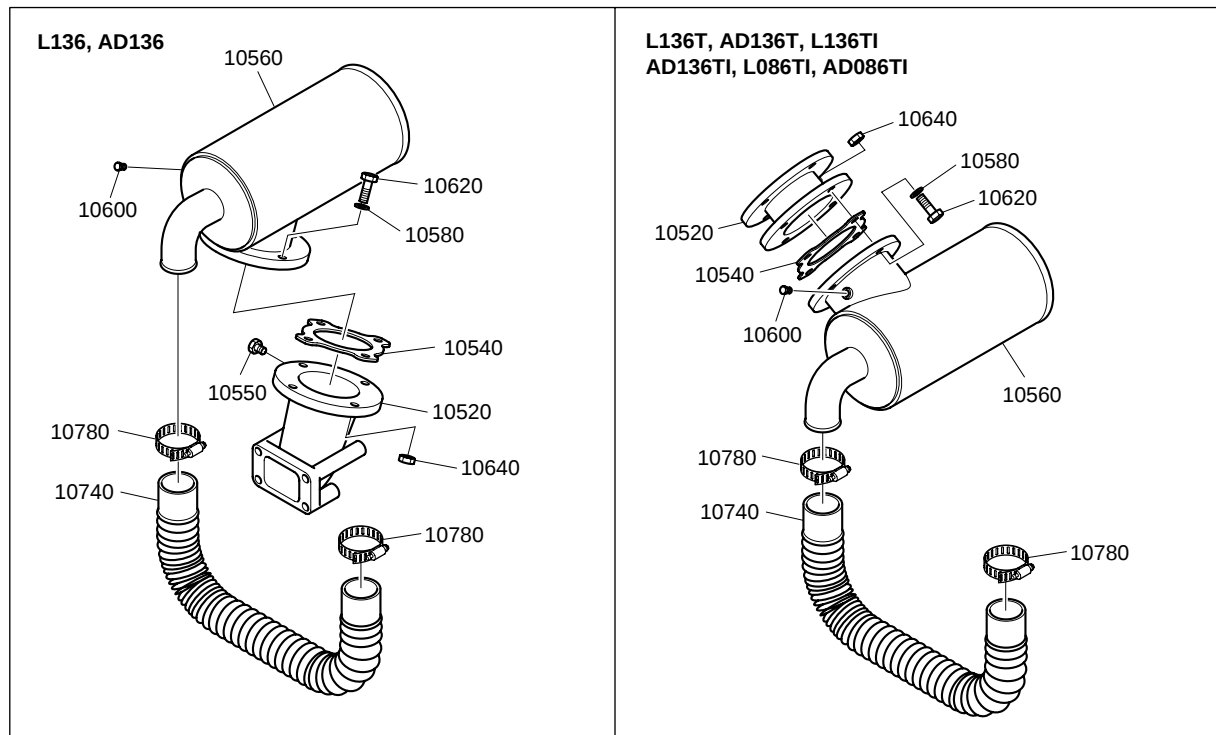


Fig.210 EXHAUST PIPE & WET-EXHAUST PIPE

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10520	65.08112-0036A	가	OUTLET ; EXHAUST	1	1	-	-	-	-	-	-	OP		WET PIPE
-	65.08112-5029		OUTLET ; EXHAUST	-	-	1	1	1	1	1	1	OP		WET PIPE
10540	65.09901-0022		GASKET	1	1	1	1	1	1	1	1	OP		WET PIPE
10560	65.08112-5020		ELBOW ; WET-EXHAUST	1	1	-	-	-	-	-	-	OP		WET PIPE
-	65.08112-5019		ELBOW ; WET-EXHAUST	-	-	1	1	1	1	1	1	OP		WET PIPE
10580	65.90710-0015		WASHER T=2.5	4	4	4	4	4	4	4	4	OP		WET PIPE
10600	65.90320-0022		PLUG ; SCREW PT1/8	1	1	1	1	1	1	1	1	OP		WET PIPE
10620	06.01913-3118		BOLT ASS Y M8×35	4	4	4	4	4	4	4	4	OP		WET PIPE
10640	06.11063-8214		NUT ; HEX. M8	4	4	4	4	4	4	4	4	OP		WET PIPE
10740	65.96301-0379		HOSE ; RUBBER	1	1	1	1	1	1	1	1	OP		WET PIPE
10780	65.97440-0099		CLAMP ; HOSE(32~50)	2	2	2	2	2	2	2	2	OP		WET PIPE
20140	65.15101-6007		EXH. SILENCER ASS Y	1	1	1	1	1	1	-	-			
-	65.15101-6004		EXH. SILENCER ASS Y	-	-	-	-	-	-	1	1			
30010	60.15211-5007		BELLOWS	1	-	1	-	1	-	-	-			
-	65.15211-5003		BELLOWS	-	-	-	-	-	-	1	-			
30020	06.01934-3215		BOLT ; HEX. M10×25	4	-	4	-	4	-	-	-			
-	06.01283-7218		BOLT ; HEX. M10×35	-	-	-	-	-	-	4	-			
30030	06.16731-2108		WASHER ; SPRING A10	-	-	-	-	-	-	4	-			
30040	06.11063-9218		NUT ; HEX. M16×1.5	-	-	-	-	-	-	4	-			
30050	65.15901-0010	가	GASKET	-	-	-	-	-	-	1	-			

Fig.220 INTAKE STAKE & AIR FILTER

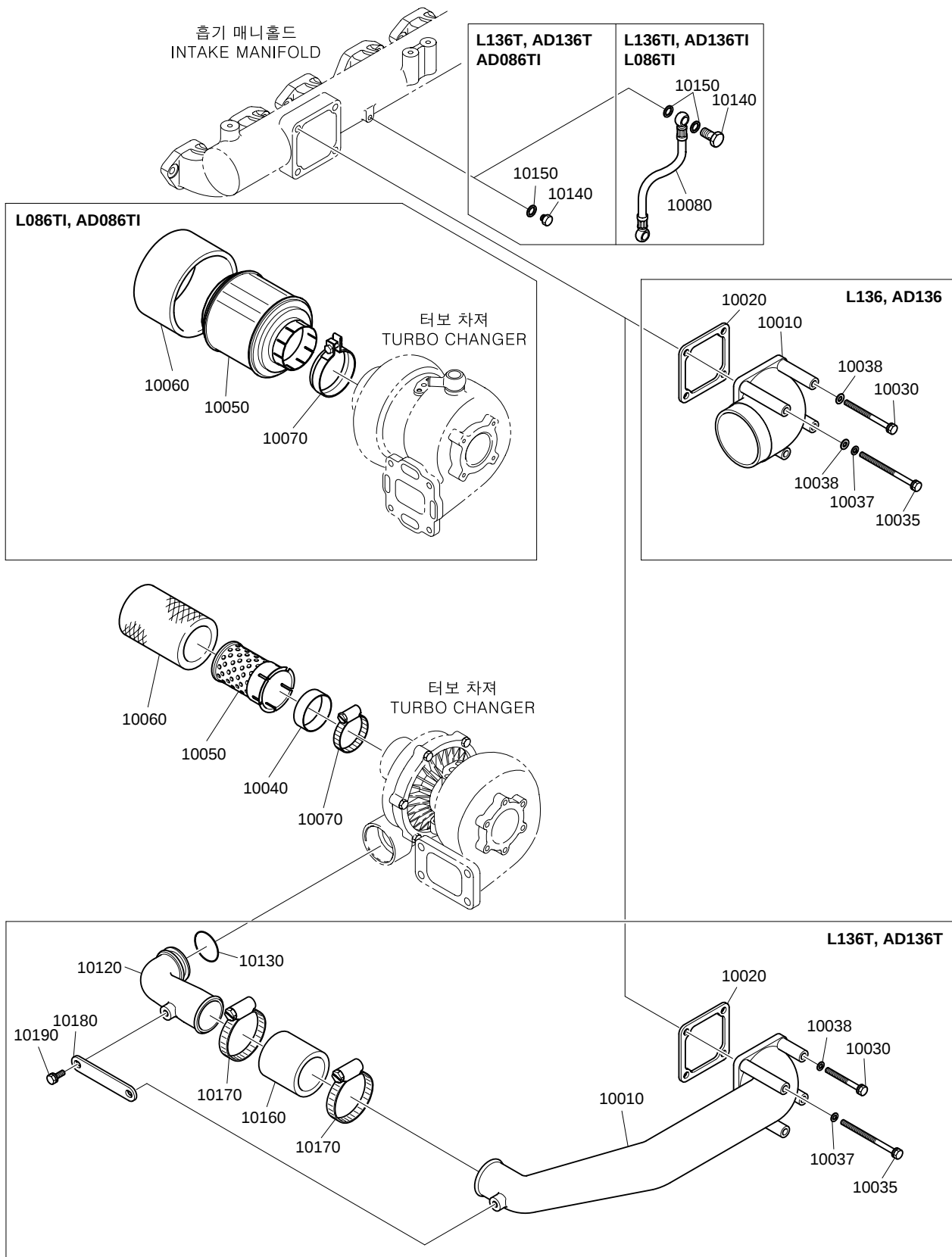


Fig.220 INTAKE STAKE & AIR FILTER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L T	AD T	L TI	AD TI	L TI	AD TI			
10010	65.08202-0159	가	STAKE ; INTAKE	1	1	-	-	-	-	-	-			
-	65.08202-0144		STAKE ; INTAKE	-	-	1	1	-	-	-	-			
10020	60.08904-0001		GASKET ; AIR PIPE	1	1	1	1	-	-	-	-			
10030	06.01913-3131		BOLT ASS Y M8×100	2	2	-	-	-	-	-	-			
-	06.01913-3126		BOLT ASS Y M8×75	-	-	2	2	-	-	-	-			
10035	06.01013-9127		BOLT ASS Y M8×120	2	2	2	2	-	-	-	-			
10037	06.16731-2107		WASHER ; SPRING A8	2	2	2	2	4	4	4	4			
10038	06.15010-2311		WASHER ; PLAIN 8.4	4	4	4	4	4	4	4	4			
10040	65.96301-0224		SPACER ; RUBBER	-	-	1	1	1	1	-	-			
10050	60.08301-5001A		FILTER ; AIR	1	1	1	1	1	1	-	-			
-	65.08301-5009	O-	FILTER ; AIR	-	-	-	-	-	-	1	1			
10060	60.08304-0001A		FILTER	1	1	1	1	1	1	-	-			
-	65.08304-0005		FILTER	-	-	-	-	-	-	1	1			
10070	65.97440-0095		CLAMP ; FILTER	1	1	1	1	1	1	-	-			
-	65.97401-5015		CLAMP ; FILTER	-	-	-	-	-	-	1	1			
10080	65.08301-6012		HOSE ; AIR L=350	-	-	-	-	1	1	1	-			
10120	65.08220-0003		PIPE ; CONECTION	-	-	1	1	-	-	-	-			
10130	65.96501-0058		O-RING	-	-	1	1	-	-	-	-			
10140	65.90310-0033		SECREW ; PLUG M10×1.5	-	-	1	1	-	-	-	-			
-	65.98150-0053B		SCREW ; HOLLOW	-	-	-	-	1	1	1	-			
10150	06.56180-0714		SEAL ; RING A10×15	-	-	1	1	2	2	2	1			
10160	65.96301-0265		HOSE ; RUBBER Ø60×80	-	-	1	1	-	-	-	-			
10170	65.97440-0098		CLAMP ; HOSE	-	-	2	2	-	-	-	-			
10180	65.97480-0523		HOLDER	-	-	1	1	-	-	-	-			
10190	06.01913-3111		BOLT ASS Y M8×16	-	-	2	2	-	-	-	-			

Fig.230 TURBO CHARGER

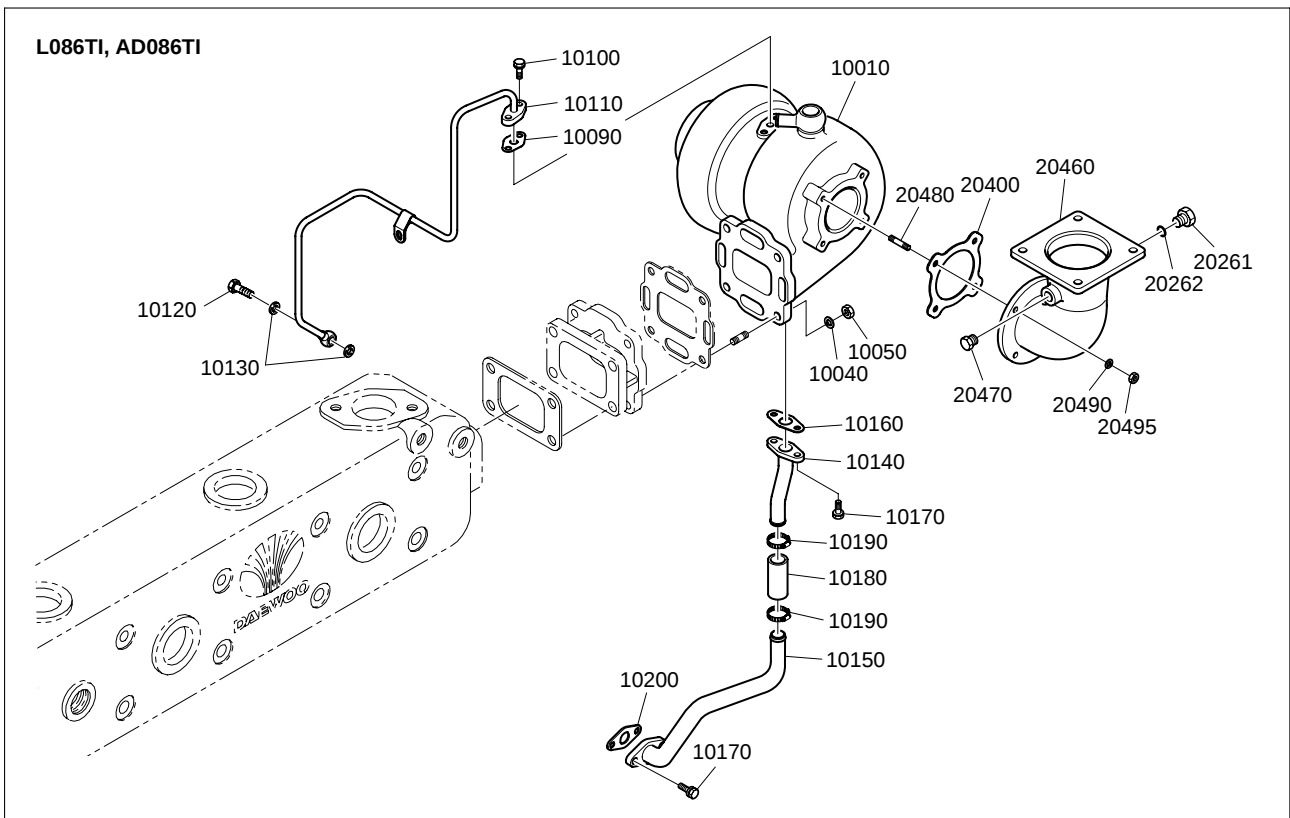
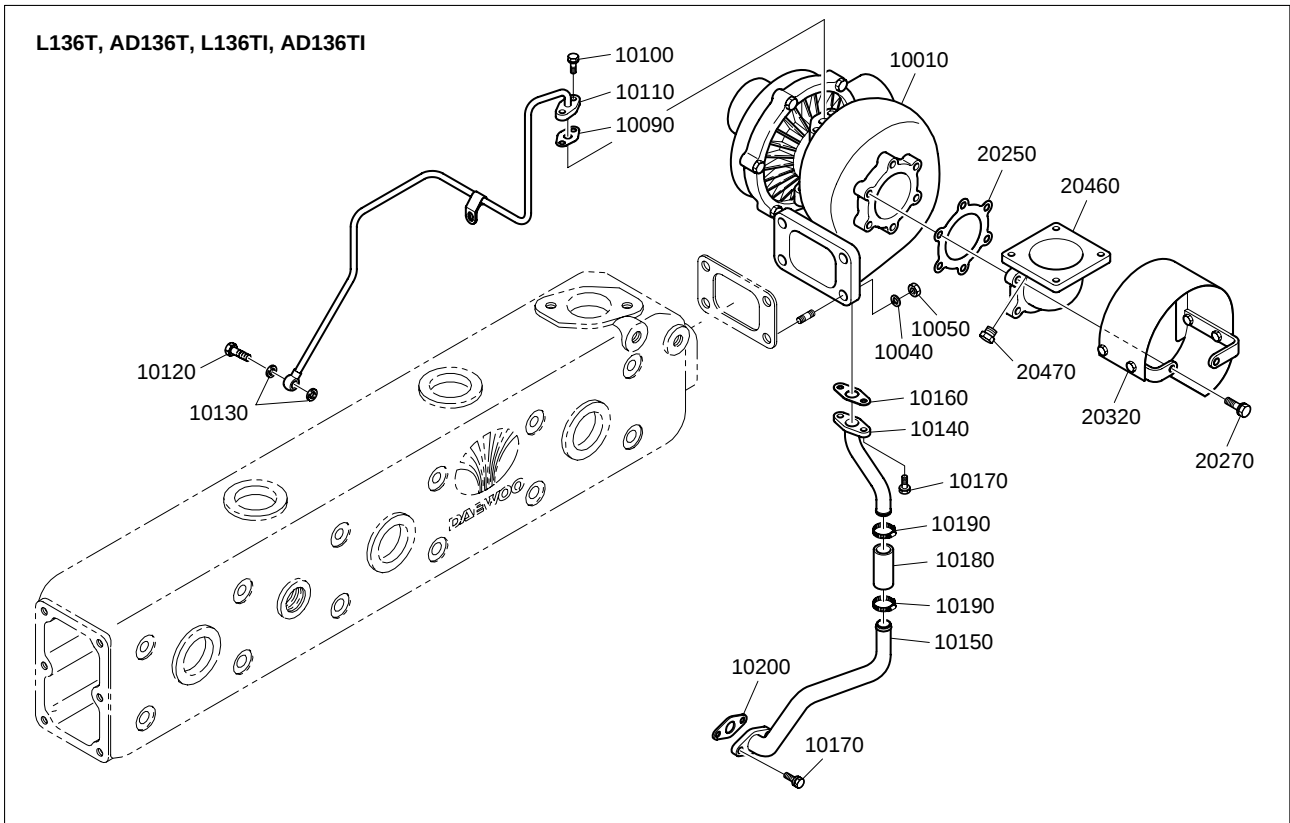
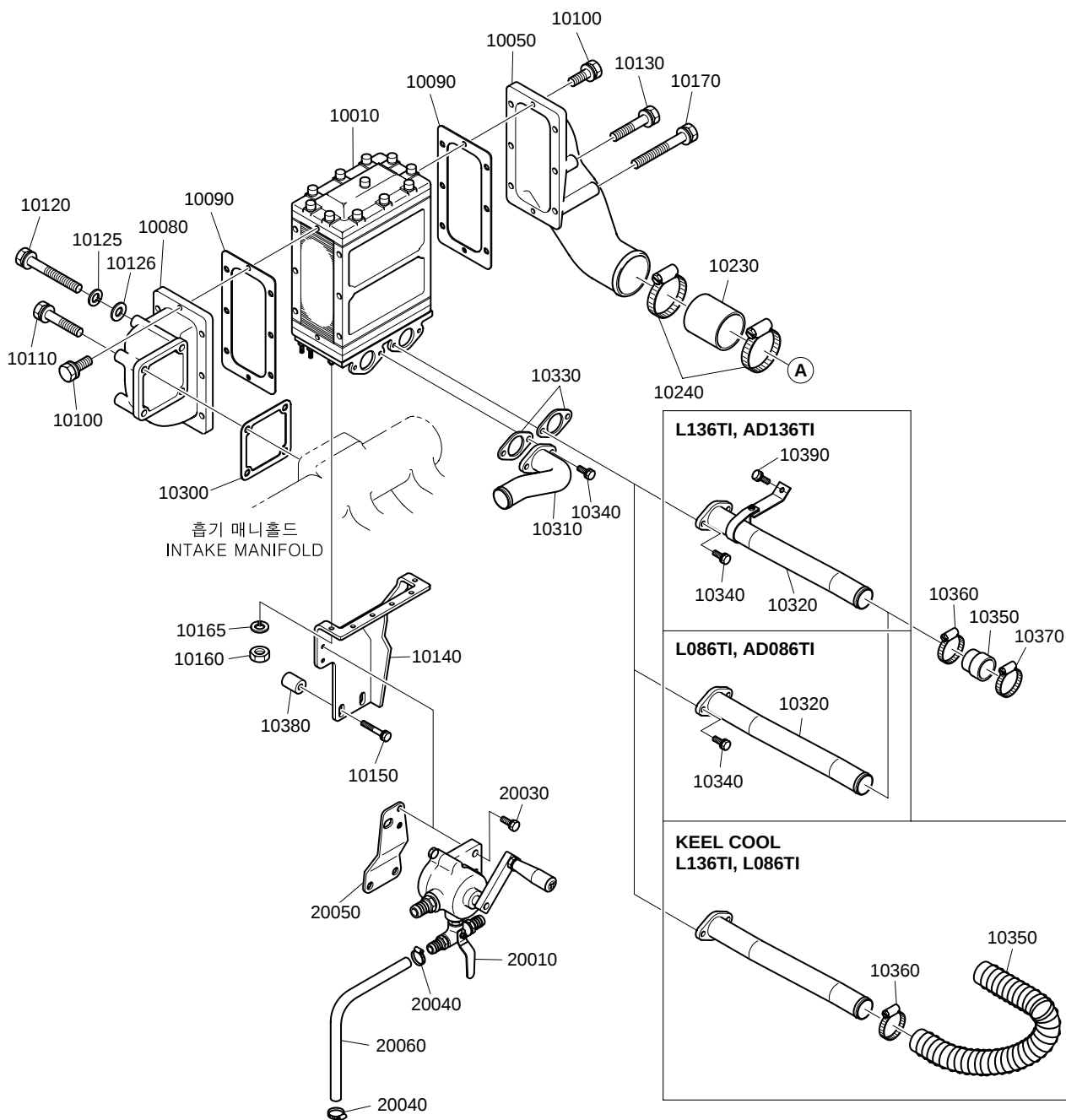


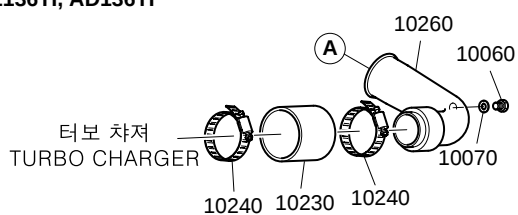
Fig.230 TURBO CHARGER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	65.09100-7149		TURBO CHARGER ; DRY	-	-	1	1	1	1	-	-			
-	65.09100-7072		TURBO CHARGER ; DRY	-	-	1	-	-	-	-	-			L136TL
-	65.09100-7090		TURBO CHARGER ; WET	-	-	-	-	-	-	1	1			
-	65.09100-7092		TURBO CHARGER ; WET	-	-	-	-	-	-	1	-			L086TIL
10040	06.16731-2108		WASHER ; SPRING A10	-	-	4	4	4	4	4	4			
10050	06.11063-8215		NUT ; HEX. M10	-	-	4	4	4	4	4	4			
10090	65.96601-0046A	가	GASKET ; OIL PIPE ADPTR	-	-	1	1	1	1	1	1			
10100	06.01913-3114		BOLT ASS 'Y M8×22	-	-	2	2	2	2	2	2			
10110	65.05701-5488		PIPE ; OIL DELIVERY	-	-	1	1	1	1	-	-			
-	65.05701-5491		PIPE ; OIL DELIVERY	-	-	-	-	-	-	1	1			
10120	06.78144-2403		SCREW ; HOLLOW	-	-	1	1	1	1	1	1			
10130	06.56190-0704		RING ; SEAL A11×18	-	-	2	2	2	2	2	2			
10140	65.05701-5490		PIPE ; OIL RETURN	-	-	1	1	1	1	-	-			
-	65.05701-5492		PIPE ; OIL RETURN	-	-	-	-	-	-	1	1			
10150	65.05701-5489		PIPE ; OIL RETURN	-	-	1	1	1	1	1	1			
10160	65.96601-0045A	가	GASKET ; OIL PIPE(TURBO CHARGER)	-	-	2	2	2	2	2	2			
10170	06.01913-3114		BOLT ASS 'Y M8×22	-	-	4	4	4	4	4	4			
10180	65.96301-0327A		HOSE ; RUBBER	-	-	1	1	1	1	1	1			
10190	65.97440-0103		CLAMP ; HOSE 20~32	-	-	2	2	2	2	2	2			
20250	65.09901-0012	가	GASKET ; TURBO CHARGER	-	-	1	1	1	1	-	-			
20261	06.08092-2405		SCREW ; PLUG M16×1.5	-	-	-	-	-	-	1	1			
20262	06.56190-0709		RING ; SEAL A16×22	-	-	-	-	-	-	1	1			
20270	06.01913-3218		BOLT ASS 'Y M10×35	-	-	4	4	4	4	-	-			
20320	65.08120-5028		SCREEN ; HEAT	-	-	1	1	1	1	-	-			
20400	65.09901-0022	가	GASKET	-	-	-	-	-	-	1	1			
20460	65.08112-0038		ELBOW ; EXHAUST	-	-	1	1	1	1	-	-			
-	65.08112-5028A		ELBOW ; EXHAUST	-	-	-	-	-	-	1	1			
20470	65.90310-0124		SCREW ; PLUG PT1/4	-	-	1	1	1	1	1	1			
20480	06.06225-0706		BOLT ; STUD M8×25	-	-	-	-	-	-	4	4			
20490	06.16731-2107		WASHER ; SPRING A8	-	-	-	-	-	-	4	4			
20495	06.11063-8214		NUT ; HEX. M8	-	-	-	-	-	-	4	4			

Fig.240 INTER COOLER



L136TI, AD136TI



L086TI, AD086TI

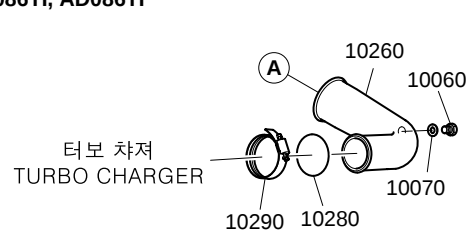


Fig.240 INTER COOLER

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L	AD	L	AD	L	AD	L	AD			
				136	136	136	136	136	136	086	086			
						T	T	TI	TI	TI	TI			
10010	65.09500-7005		INTER ; COOLER	-	-	-	-	1	1	1	1			
10020	65.09503-0008	•	• COVER ; RAW WATER OUT	-	-	-	-	1	1	1	1			
10030	65.09503-0009	•	• COVER ; RAW WATER IN	-	-	-	-	1	1	1	1			
10040	65.09905-0007	• 가	• GASKET ; INTER COOLER	-	-	-	-	2	2	2	2			
10050	65.09411-0091		COVER ; INTER COOLER INLET	-	-	-	-	1	1	1	1			
10060	06.08092-2405		SCREW ; PLUG M16×1.5	-	-	-	-	1	1	1	1			
10070	06.56190-0708		RING ; SEAL A16×200	-	-	-	-	1	1	1	1			
10080	60.09411-0012		COVER ; INTER COOLER OUTLET	-	-	-	-	1	1	1	1			
10090	60.09905-0005	가	GASKET ; COVER	-	-	-	-	2	2	2	2			
10100	06.01913-3117		BOLT ASS Y M8×30	-	-	-	-	13	13	13	13			
10110	06.01913-3227		BOLT ASS Y M10×80	-	-	-	-	2	2	2	2			
10120	06.01013-9227		BOLT ASS Y M10×120	-	-	-	-	2	2	2	2			
10125	06.16731-2108		WASHER ; SPRING A10	-	-	-	-	2	2	2	2			
10126	06.15010-2312		WASHER ; PLAIN 10.5	-	-	-	-	2	2	2	2			
10130	06.01923-3127		BOLT ASS Y M8×80	-	-	-	-	1	1	1	1			
10140	65.09520-5008		BRACKET ; INTER COOLER	-	-	-	-	1	1	1	1			
10150	06.01493-4315		BOLT ASS Y M12×1.5×80	-	-	-	-	2	2	-	-			
-	06.01493-4312		BOLT ASS Y M12×1.5×65	-	-	-	-	-	-	2	2			
10160	06.11063-8214		NUT ; HEX. M8×1.25	-	-	-	-	6	6	6	6			
10165	06.16731-2107		WASHER ; SPRING A8	-	-	-	-	6	6	6	6			
10170	06.01923-3132		BOLT ASS Y M8×110	-	-	-	-	2	2	2	2			
10230	60.96301-0270		HOSE ; RUBBER Ø75×90	-	-	-	-	2	2	1	1			
10240	65.97440-0097		CLAMP ; HOSE(70~90)	-	-	-	-	4	4	2	2			
10260	65.08220-0007		PIPE ; AIR	-	-	-	-	1	1	-	-			
-	65.09411-0127		PIPE ; AIR	-	-	-	-	-	-	1	1			
10280	65.96501-0420	O-	O-RING	-	-	-	-	-	-	1	1			
10290	65.97450-5001A	V-	V-CLAMP	-	-	-	-	1	1	1	1			
10300	60.08904-0001	가	GASKET ; INTER COOLER	-	-	-	-	1	1	1	1			
10310	65.06301-5187A		PIPE ; INTER COOLER S/W INLET	-	-	-	-	1	1	1	1			
10320	65.06301-5259A		PIPE ; INTER COOLER S/W OUTLET	-	-	-	-	-	-	1	1			
-	65.06301-5321		PIPE ; INTER COOLER S/W OUTLET	-	-	-	-	1	-	1	-			KEEL COOL
-	65.06301-5272A		PIPE ; INTER COOLER S/W OUTLET	-	-	-	-	1	1	-	-			
10330	65.96601-0064	가	GASKET	-	-	-	-	2	2	2	2			
10340	06.01913-3217		BOLT ASS Y M10×30	-	-	-	-	4	4	4	4			
10350	65.96301-0125B		HOSE ; RUBBER	-	-	-	-	1	1	1	1			
-	65.96301-0348		HOSE ; FLEXIBLE	-	-	-	-	1	-	1	-			KEEL COOL
10360	65.97440-0100		CLAMP ; HOSE(40~60)	-	-	-	-	1	1	1	1			
10370	65.97440-0099		CLAMP ; HOSE(50~70)	-	-	-	-	1	1	1	1			
10380	65.91701-0170		SPACER ; INTER COOLER BRACKET	-	-	-	-	2	2	2	2			
10390	06.01913-3111		BOLT ASS Y M8×16	-	-	-	-	1	1	-	-			
20010	60.05101-7023		PUMP ; OIL DRAIN	1	1	1	1	1	1	1	1			
20030	06.01923-3218		BOLT ; HEX. M10×35	2	2	2	2	2	2	2	2			
20040	65.97440-0103		CLAMP ; HOSE(16~25)	2	2	2	2	3	3	3	2			
20050	60.05140-0009		BRACKET ; OIL DRAIN PUMP	1	1	1	1	-	-	-	-			
-	65.05140-0002		BRACKET ; OIL DRAIN PUMP	-	-	-	-	-	-	-	1			
20060	60.96301-0066		HOSE ; OIL DRAIN	1	-	1	-	1	1	1	1			
20600	65.05109-0001		IMPELLER ; OIL PUMP	1	1	1	1	1	1	1	1			

Fig.250 CONTROL

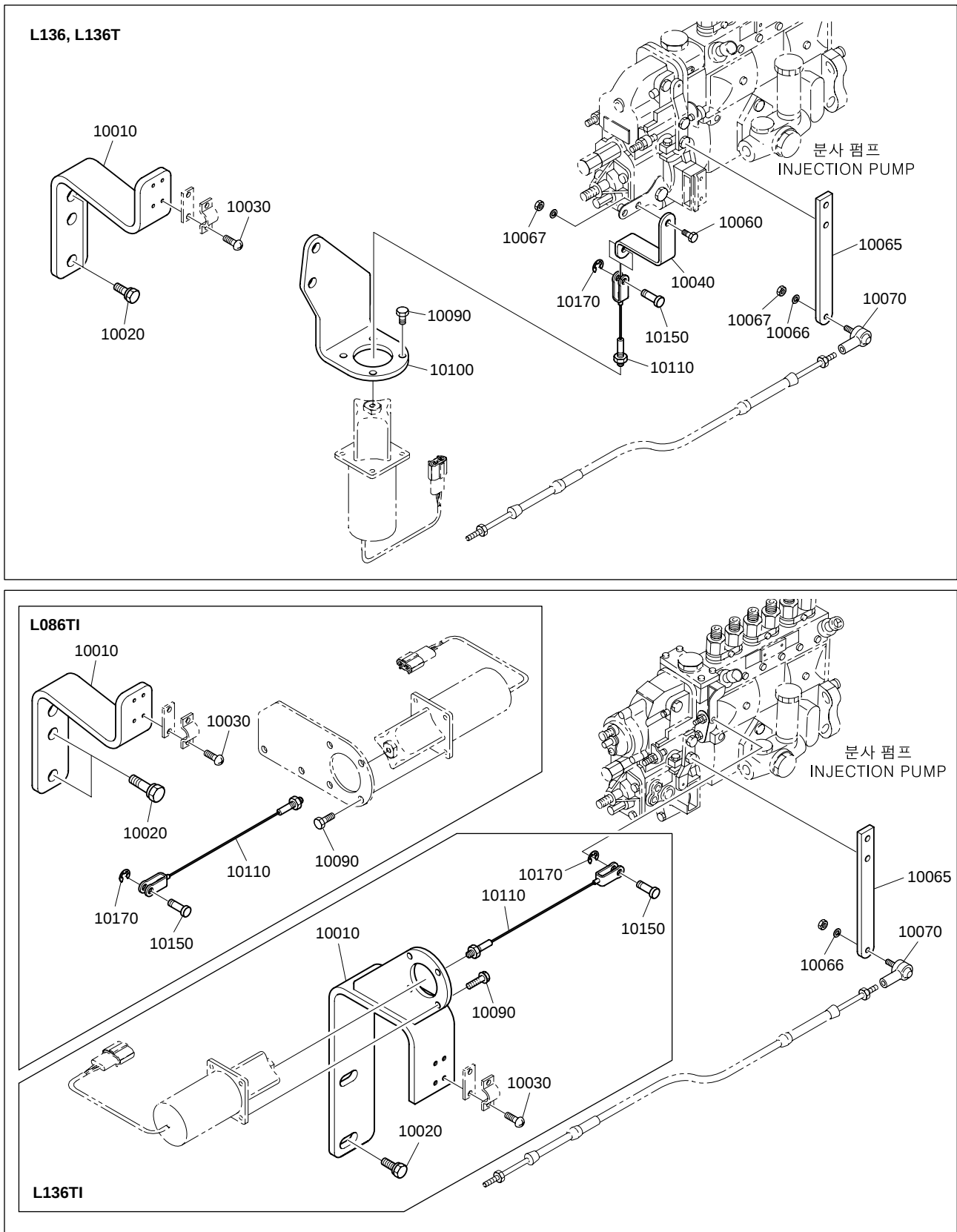


Fig.250 CONTROL

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L	AD	L	AD	L	AD	L	AD			
				136	136	136	136	136	136	086	086			
10010	65.32630-0013A		BRACKET ; ENGINE CONTROL	1	-	1	-	-	-	1	-			
-	65.32630-5014		BRACKET ; ENGINE CONTROL	-	-	-	-	1	-	-	-			
10020	06.01913-3212		BOLT ASS Y M10×18	2	-	2	-	4	-	-	-			
-	06.01733-4309		BOLT ASS Y M12×1.5×25	-	-	-	-	-	-	2	-			
10030	06.04190-8806		SCREW M5×12	2	-	2	-	2	-	2	-			
10040	65.11165-0017		LEVER ; STOP	1	-	1	-	-	-	-	-			
10050	06.16731-2104		WASHER ; SPRING	2	-	3	-	-	-	-	-			
10051	06.16731-2104		WASHER ; SPRING	-	-	-	-	-	-	-	1			
10060	06.04190-8806		BOLT ; HEX. M5×12	2	-	2	-	-	-	-	-			
10065	65.11165-0015		LEVER ; INJECTION CONTROL	1	-	1	-	1	-	1	-			
10066	06.16731-2104		WASHER ; SPRING A5	1	-	1	-	1	-	1	-			
10067	06.11060-8211		NUT ; HEX. M5	2	-	2	-	-	-	-	-			
10070	60.11613-6001		JOINT ; ANGLE	1	-	1	-	1	-	1	-			
10090	06.01913-2910		BOLT ; HEX. M6×12	4	-	4	-	4	-	4	-			
10100	65.25909-0005		BRACKET ; SOLENOID	1	-	1	-	-	-	-	-			
10110	65.11610-7005		CABLE ; STOP	1	-	1	-	-	-	-	-			
-	65.11610-7011		CABLE ; STOP	-	-	-	-	1	-	1	-			
10130	06.01733-4309		BOLT ; HEX. M12×1.5×25	2	-	2	-	-	-	-	-			
10140	06.16731-6109		WASHER ; SPTRING A12	2	-	2	-	-	-	-	-			
10150	60.91010-0011		PIN	1	-	1	-	1	-	1	-			
10170	06.29030-2108		RING	1	-	1	-	1	-	1	-			

Fig.260 MARINE GEAR

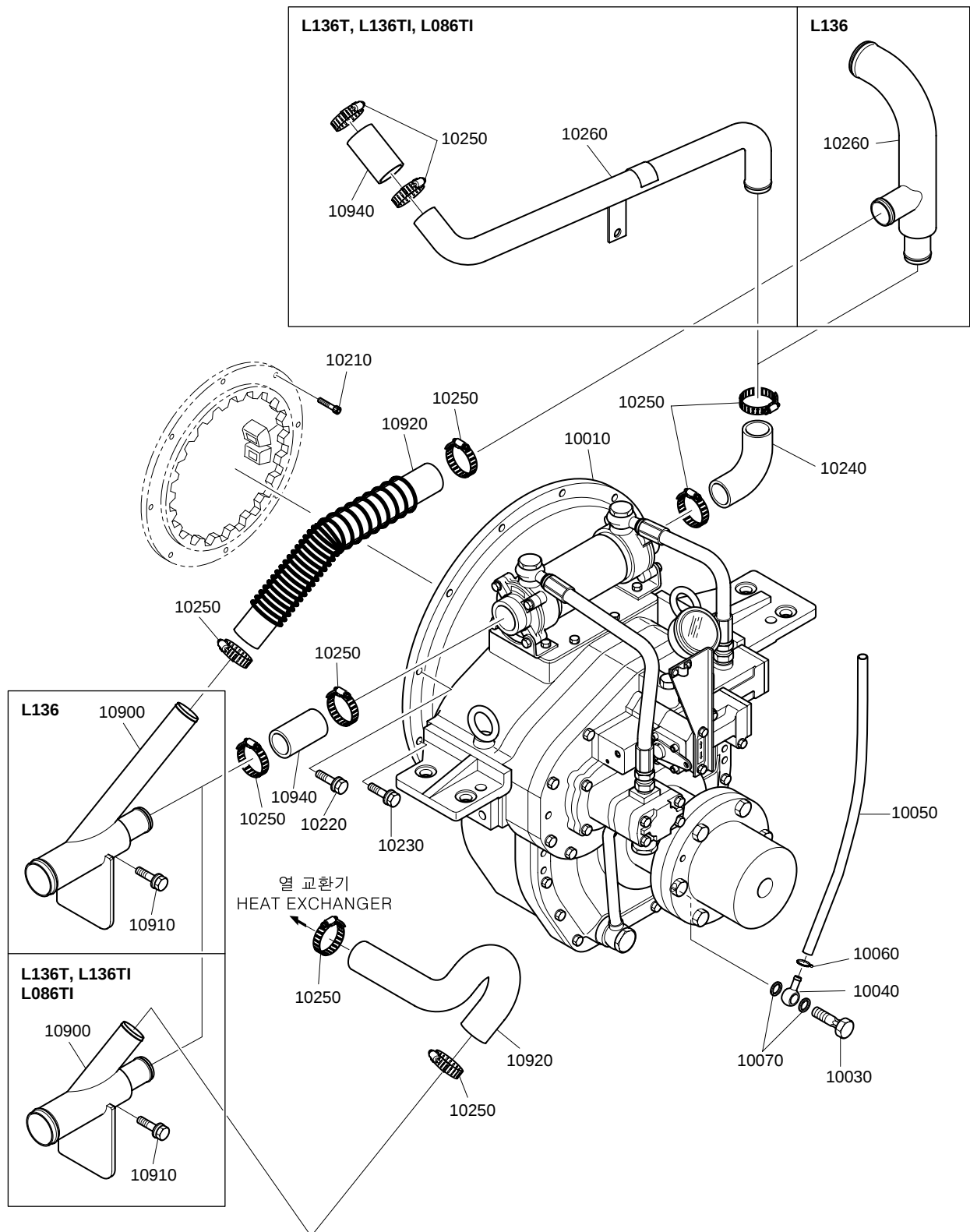


Fig.260 MARINE GEAR

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10010	60.34100-7250	(TK250)	MARINE GEAR TK250-1.7	1	-	-	-	-	-	-	-	OP		
-	60.34100-7251	(TK250)	MARINE GEAR TK250-2.0	1	-	-	-	-	-	-	-	OP		
-	60.34100-7252	(TK250)	MARINE GEAR TK250-2.5	1	-	-	-	-	-	-	-	OP		
-	60.34100-7253	(TK250)	MARINE GEAR TK250-3.0	1	-	-	-	-	-	-	-	OP		
-	65.34100-7076	(DMT100HL)	MARINE GEAR DMT100HL-5.29	1	-	1	-	-	-	-	-	OP		
-	65.34100-7077	(DMT100HL)	MARINE GEAR DMT100HL-5.95	1	-	1	-	-	-	-	-	OP		
-	60.34100-7254	(DMT90A)	MARINE GEAR DMT90A-1.6	1	-	1	-	-	-	-	-	OP		
-	60.34100-7255	(DMT90A)	MARINE GEAR DMT90A-2.0	1	-	1	-	-	-	-	-	OP		
-	60.34100-7256	(DMT90A)	MARINE GEAR DMT90A-2.45	1	-	1	-	-	-	-	-	OP		
-	60.34100-7257	(DMT90A)	MARINE GEAR DMT90A-2.8	1	-	1	-	-	-	-	-	OP		
-	60.34100-7258	(DMT90A)	MARINE GEAR DMT90A-3.1	1	-	1	-	-	-	-	-	OP		
-	60.34100-7259	(DMT90A)	MARINE GEAR DMT90A-3.4	1	-	1	-	-	-	-	-	OP		
-	65.34100-7040A	(DMT110A)	MARINE GEAR DMT110A-1.77	-	-	-	-	1	-	1	-	OP		
-	65.34100-7041A	(DMT110A)	MARINE GEAR DMT110A-2.09	-	-	-	-	1	-	1	-	OP		
-	65.34100-7042A	(DMT110A)	MARINE GEAR DMT110A-2.42	-	-	-	-	1	-	1	-	OP		
-	65.34100-7043A	(DMT110A)	MARINE GEAR DMT110A-2.82	-	-	-	-	1	-	1	-	OP		
-	65.34100-7044A	(DMT110A)	MARINE GEAR DMT110A-3.19	-	-	-	-	1	-	1	-	OP		
10030	65.98150-0049		SCREW ; HOLLOW M16×1.5	1	-	1	-	1	-	1	-			
10040	65.98155-0012		UNION ; BENJO	1	-	1	-	1	-	1	-			
10050	65.96301-0244		HOSE ; RUBBER L=800	1	-	1	-	1	-	1	-			
10060	65.97440-0073		CLAMP ; HOSE(16~25)	1	-	1	-	1	-	1	-			
10070	06.56190-0709		RING ; SEAL A16×22	2	-	2	-	2	-	2	-			
10210	06.02090-0513		BOLT ; HEAD SOCKET M10×30	8	-	8	-	8	-	8	-			
10220	06.01913-3217		BOLT ASS 'Y M10×30	9	-	9	-	9	-	9	-			
10230	06.01283-7213		BOLT ; HEX. M10×20	2	-	2	-	-	-	-	-			
-	06.01913-3215		BOLT ASS 'Y M10×25	-	-	-	-	2	-	2	-			
10240	60.96301-0071		HOSE ; RUBBER	1	-	1	-	1	-	1	-			
10250	65.97440-0102		CLAMP ; HOSE(25~40)	6	-	8	-	8	-	8	-			
10260	60.06301-5401		PIPE ; SEA WATER OUTLET Ø50	1	-	-	-	-	-	-	-			
-	65.06301-5277		PIPE ; SEA WATER	-	-	1	-	1	-	1	-			
10900	65.06301-5246A		PIPE ; SEA WATER OUTLET Ø50	1	-	-	-	-	-	-	-			
-	65.06301-5279		PIPE ; SEA WATER	-	-	1	-	1	-	1	-			
10910	06.01913-3221		BOLT ASS 'Y M10×55	1	-	1	-	1	-	1	-			
-	06.01913-3223		BOLT ASS 'Y M10×60	1	-	1	-	1	-	1	-			
10920	65.96301-0348		HOSE ; FELXIBLE RUBBER Ø35×70	1	-	-	-	-	-	-	-			
-	65.96301-0404A		HOSE ; RUBBER	-	-	1	-	1	-	1	-			
10940	65.96301-0377		HOSE ; RUBBER	1	-	2	-	2	-	1	-			

Fig.270 ELECTRIC SYSTEM(1)

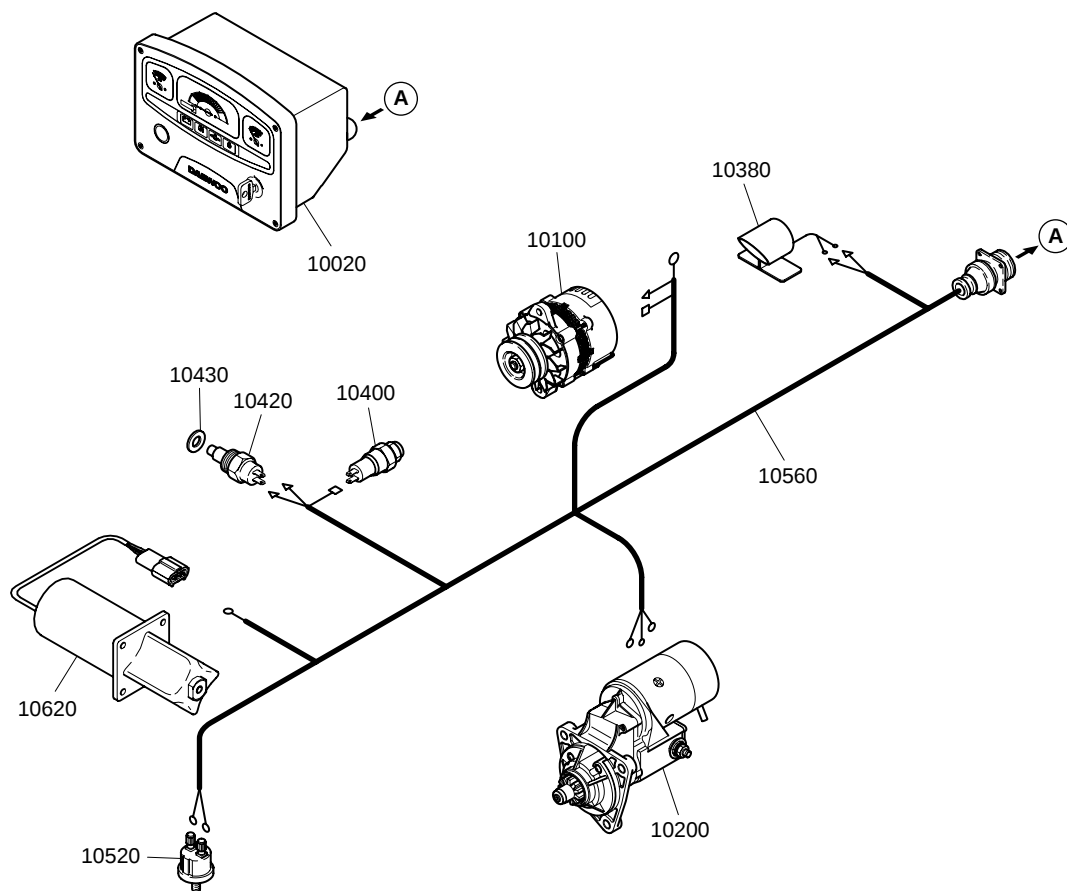


Fig.270 ELECTRIC SYSTEM(1)

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10020	65.61700-6011B		GAUGE PANEL ASS Y	1	-	1	-	1	-	1	-			
10100	65.26101-7138		ALTERNATOR	1	-	1	-	1	-	1	-			
10200	65.26201-7063		STARTER	1	-	1	-	1	-	-	-			
-	65.26201-7043A		STARTER	-	-	-	-	-	-	1	-			
10380	60.25301-6003		BUZZER	1	-	1	-	1	-	1	-			
10400	65.27415-6002		SWITCH ; THERMO	1	-	1	-	1	-	1	-			
10420	65.27405-6003		SENSOR ; THERMO	1	-	1	-	1	-	1	-			
10430	06.56190-0706		RING ; SEAL A14×20	1	-	1	-	1	-	1	-			
10520	65.27441-7009		SWITCH & SENSOR ; OIL PRESS.	1	-	1	-	1	-	1	-			
10560	65.29101-6084		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-			
-	65.29101-6074		WIRE ; ELECTRIC 4.5M	-	-	-	-	-	-	1	-			KEEL COOL
10620	65.25900-6006		SOLENOID	1	-	1	-	1	-	1	-	OP		

Fig.280 ELECTRIC SYSTEM(2)

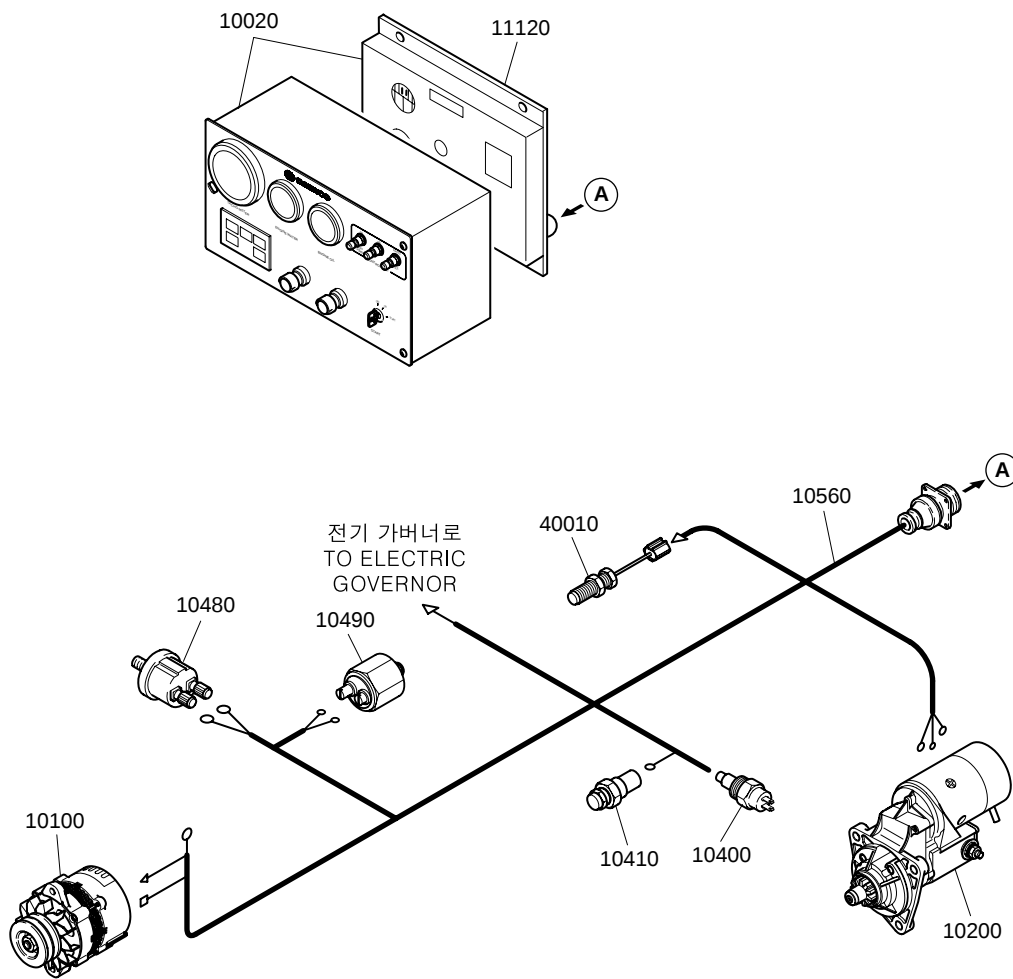


Fig.280 ELECTRIC SYSTEM(2)

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
10020	65.61700-6022		GAUGE PANEL ASS Y	-	1	-	1	-	1	-	1			
11120	65.11220-7006		CONTROLLER ; ACTUATOR	-	1	-	1	-	1	-	1			
10100	65.26101-7138		ALTERNATOR	1	-	1	-	1	-	1	-			
10200	65.26201-7063		STARTER	1	-	1	-	1	-	-	-			
-	65.26201-7043A		STARTER	-	-	-	-	-	-	1	-			
10400	65.27405-6003		SENSOR ; THERMO	-	1	-	1	-	1	-	1			
10410	65.27415-6002		SWITCH ; THERMO	-	1	-	1	-	1	-	1			
10480	65.27441-7009		SWITCH & SENSOR ; OIL PRESS.	-	1	-	1	-	1	-	1			
10490	65.27441-6001		SWITCH ; OIL PRESS.	-	1	-	1	-	1	-	1			
10560	65.29101-6120		WIRE ; ELECTRIC 4.5M	-	1	-	1	-	1	-	1			
40010	65.27103-7010		SENSOR ; TACHO	-	1	-	1	-	1	-	1			

Fig.290 ELECTRIC SYSTEM(3)

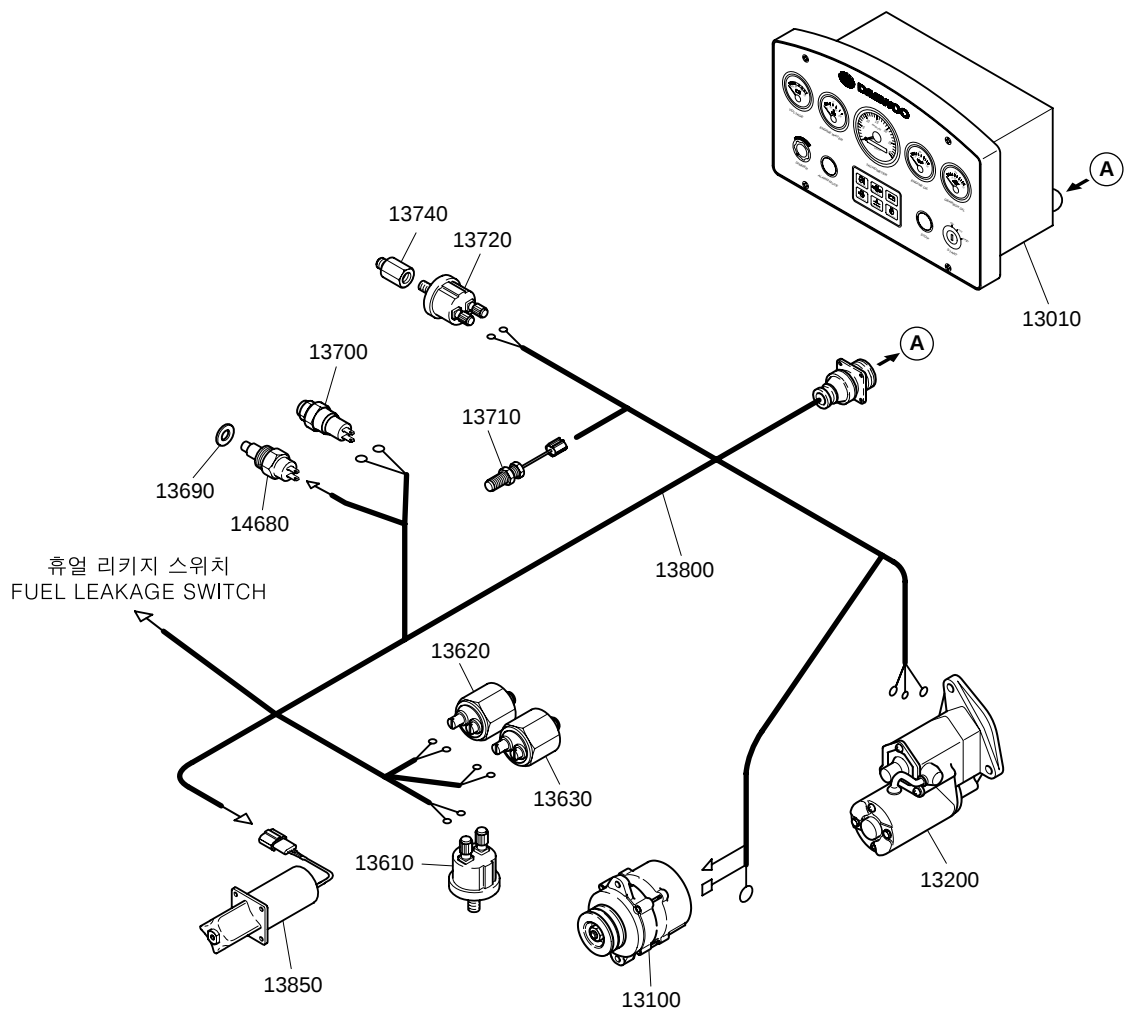


Fig.290 ELECTRIC SYSTEM(3)

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
13010	65.61700-6023		GAUGE PANEL ASS Y	1	-	1	-	1	-	1	-	OP		
13100	65.26101-7138		ALTERNATOR	1	-	1	-	1	-	1	-	OP		
-	65.26101-7101		ALTERNATOR	1	-	1	-	1	-	1	-	OP		TWO-POLE
13200	65.26201-7043A		STARTER	1	1	1	1	1	1	1	1	OP		
-	65.26201-7071		STARTER	1	-	1	-	1	-	1	-	OP		TWO-POLE
13610	65.27441-7009		SWITCH & SENSOR ; OIL PRESS.	1	-	1	-	1	-	1	-	OP		
-	65.27435-6007		SENSOR ; OIL PRESS.	1	-	1	-	1	-	1	-	OP		TWO-POLE
13620	65.27441-6001		SWITCH ; OIL PRESS. 1.0BAR	1	-	1	-	1	-	1	-	OP		
13630	65.27441-6003		SWITCH ; OIL PRESS. 0.5BAR	1	-	1	-	1	-	1	-	OP		TWO-POLE
13690	06.56190-0706		RING ; SEAL A14×20	1	-	1	-	1	-	1	-	OP		
13700	65.27415-6002		SWITCH ; THERMO	1	-	1	-	1	-	1	-	OP		
13710	65.27103-7002C		SENSOR ; TACHO	1	-	1	-	1	-	1	-	OP		
13720	60.27435-6003		SENDER ; GEAR BOX OIL PRESS.	1	-	1	-	1	-	1	-	OP		
13740	65.98130-0029		ADAPTER	1	-	1	-	1	-	1	-	OP		
13800	65.29101-6085		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-	OP		
-	65.29101-6075		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	-	-	OP		KEEL COOL
-	65.29101-6076		WIRE ; ELECTRIC 4.5M	-	-	-	-	-	-	1	-	OP		KEEL COOL
-	65.29101-6124		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-	OP		TWO-POLE
13850	65.25900-6006		SOLENOID	1	-	1	-	1	-	1	-	OP		
-	65.25900-6010		SOLENOID	1	-	1	-	1	-	1	-	OP		TWO-POLE
14680	65.27405-6003		SENDER ; THERMO	1	-	1	-	1	-	1	-	OP		

Fig.300 ELECTRIC SYSTEM(4)

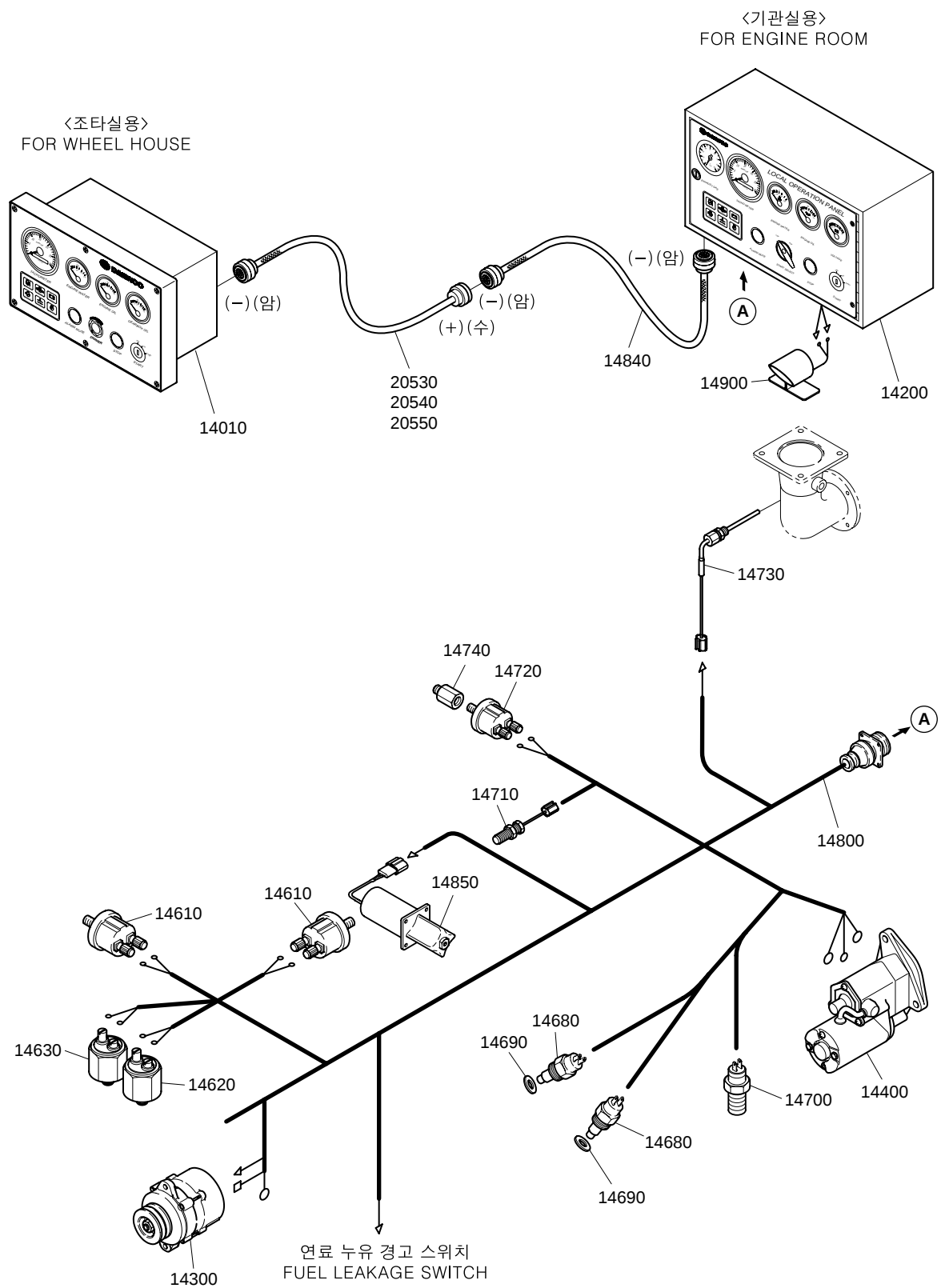


Fig.300 ELECTRIC SYSTEM(4)

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L 136	AD 136	L 136	AD 136	L 086	AD 086			
14010	65.61700-6024		GAUGE PANEL ASS Y	1	-	1	-	1	-	1	-	OP		
14200	65.61700-6026		GAUGE PANEL ASS Y	1	-	1	-	1	-	1	-	OP		
14300	65.26101-7138		ALTERNATOR	1	-	1	-	1	-	1	-	OP		
-	65.26101-7101		ALTERNATOR	1	-	1	-	1	-	1	-	OP		TWO-POLE
14400	65.26201-7043A		STARTER	1	1	1	1	1	1	1	1	OP		
-	65.26201-7071		STARTER	1	-	1	-	1	-	1	-	OP		TWO-POLE
14610	65.27441-7009		SWITCH & SENSOR ; OIL PRESS.	2	-	2	-	2	-	2	-	OP		
-	65.27435-6007		SENSOR ; OIL PRESS.	2	-	2	-	2	-	2	-	OP		TWO-POLE
14620	65.27441-6001		SWITCH ; OIL PRESS. 1.0BAR	1	-	1	-	1	-	1	-	OP		
14630	65.27441-6003		SWITCH ; OIL PRESS. 0.5BAR	1	-	1	-	1	-	1	-	OP		TWO-POLE
14680	65.27405-6003		SENDER ; THERMO	2	-	2	-	2	-	2	-	OP		
14690	06.56190-0706		RING ; SEAL A14×20	2	-	2	-	2	-	2	-	OP		
14700	65.27415-6002		SWITCH ; WATER TEMP	1	-	1	-	1	-	1	-	OP		
14710	65.27103-7002C		SENSOR ; TACHO	1	-	1	-	1	-	1	-	OP		
14720	60.27435-6003		SENDER ; CLUTCH OIL PRESS.	1	-	1	-	1	-	1	-	OP		
14730	65.27405-6004		SENSOR ; EXH. GAS. TEMP	1	-	1	-	1	-	1	-	OP		
14740	65.98130-0029		ADAPTER	1	-	1	-	1	-	1	-	OP		
14800	65.29101-6086		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-	OP		
-	65.29101-6077		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	-	-	OP		KEEL COOL
-	65.29101-6078		WIRE ; ELECTRIC 4.5M	-	-	-	-	-	-	1	-	OP		KEEL COOL
-	65.29101-6125		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-	OP		TWO-POLE
14840	65.29101-6046A		WIRE ; ELECTRIC 4.5M	1	-	1	-	1	-	1	-	OP		
14850	65.25900-6006		SOLENOID	1	-	1	-	1	-	1	-	OP		
-	65.25900-6010		SOLENOID	1	-	1	-	1	-	1	-	OP		TWO-POLE
14900	65.25301-6003		BUZZER	1	-	1	-	1	-	1	-	OP		

Fig.310 ACCESSORY PARTS & OIL DRAIN PUMP

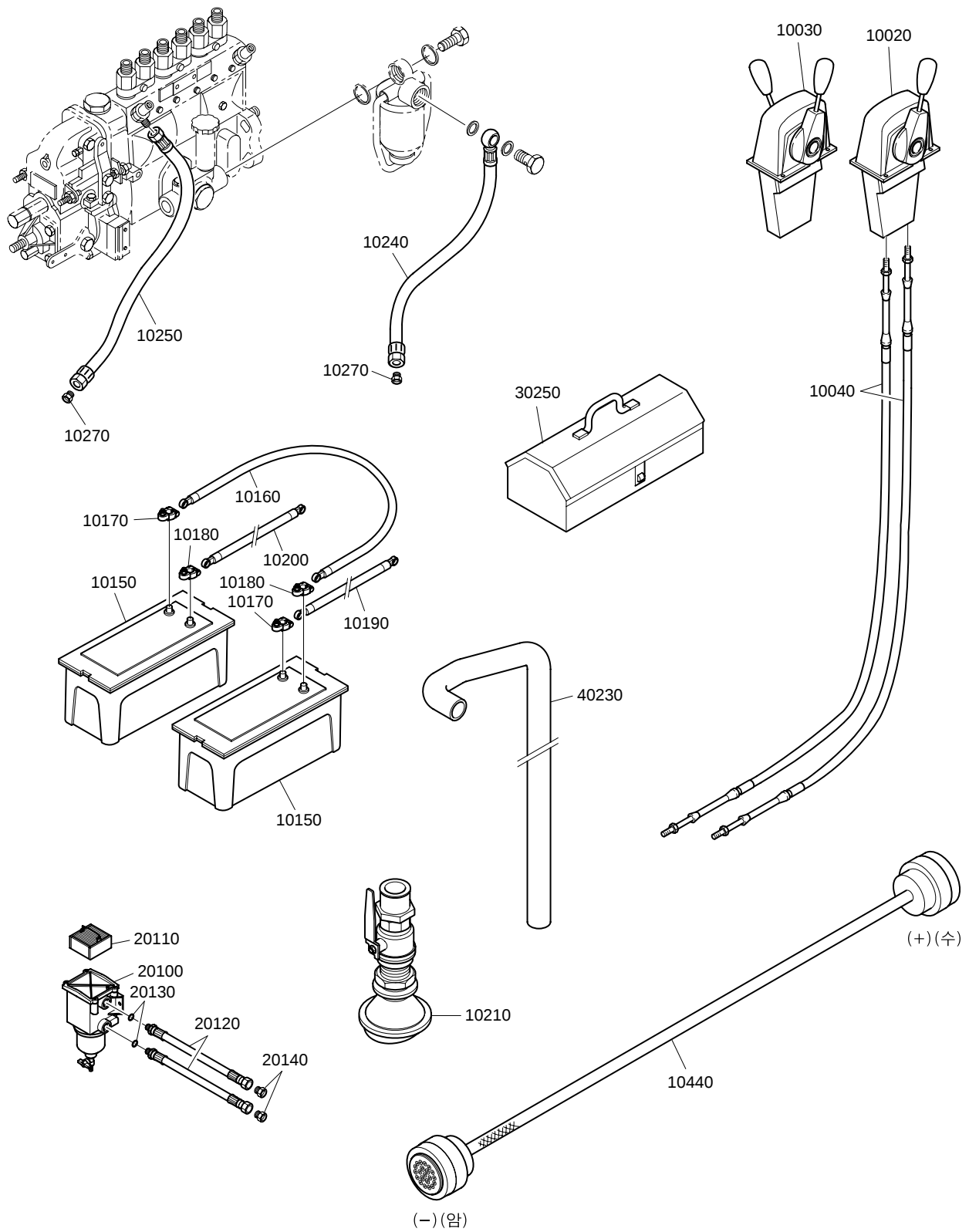


Fig.310 ACCESSORY PARTS & OIL DRAIN PUMP

Key No.	Part No.		Description	(Q ty)								S.C	ICA	Remarks
				L 136	AD 136	L T	AD T	L TI	AD TI	L TI	AD TI			
10020	60.32601-6004		CONTROL HEAD ASS Y(SINGLE)	1	-	1	-	1	-	1	-	OP		
10030	60.32601-6001		CONTROL HEAD ASS Y(TWO LEVER)	1	-	1	-	1	-	1	-	OP		
10040	60.32610-6113		CABLE ; CONTROL 2.5	2	-	2	-	2	-	2	-	OP		
-	60.32610-6114		CABLE ; CONTROL 3.0	2	-	2	-	2	-	2	-	OP		
-	60.32610-6115		CABLE ; CONTROL 4.5	2	-	2	-	2	-	2	-	OP		
-	60.32610-6116		CABLE ; CONTROL 6.1	2	-	2	-	2	-	2	-	OP		
-	60.32610-6117		CABLE ; CONTROL 7.5	2	-	2	-	2	-	2	-	OP		
-	60.32610-6119		CABLE ; CONTROL 10.5	2	-	2	-	2	-	2	-	OP		
-	60.32610-6121		CABLE ; CONTROL 14	2	-	2	-	2	-	2	-	OP		
-	65.32610-6002		CABLE ; CONTROL 18	2	-	2	-	2	-	2	-	OP		
-	65.32610-6003		CABLE ; CONTROL 21	2	-	2	-	2	-	2	-	OP		
-	65.32610-6004		CABLE ; CONTROL 24	2	-	2	-	2	-	2	-	OP		
-	65.32610-6005		CABLE ; CONTROL 27	2	-	2	-	2	-	2	-	OP		
-	65.32610-6006		CABLE ; CONTROL 30	2	-	2	-	2	-	2	-	OP		
10150	60.26601-7002B		BATTERY(HF)12-150AH	2	2	2	2	2	2	2	2			
10160	66.29101-0022		WIRE(BATT)	1	1	1	1	1	1	1	1			
10170	65.26609-0003		TERMINAL ; BATTERY +	2	2	2	2	2	2	2	2			
10180	65.26609-0004		TERMINAL ; BATTERY -	2	2	2	2	2	2	2	2			
10190	65.29101-0001		WIRE ; BATTERY 3M -	1	1	1	1	1	1	1	1			
10200	60.29101-0009		WIRE ; BATTERY 3M +	1	1	1	1	1	1	1	1			
10210	60.06890-6012A		KINGSTON VALVE ASS Y	1	1	1	1	1	1	1	1			
10240	66.96340-0001		HOSE ; FUEL INLET	1	1	1	1	1	1	1	1			
10250	66.96340-0002		HOSE ; FUEL OUTLET	1	1	1	1	1	1	1	1			
10270	06.76030-0106		UNION ; SOLDER	2	-	2	-	2	-	2	-			
10400	65.29101-6051		WIRE ; ELECTRIC 5M	1	1	1	1	1	1	1	1	OP		
-	65.29101-6052		WIRE ; ELECTRIC 7.5M	1	1	1	1	1	1	1	1	OP		
-	65.29101-6053		WIRE ; ELECTRIC 10M	1	1	1	1	1	1	1	1	OP		
-	65.29101-6087		WIRE ; ELECTRIC 30M	1	1	1	1	1	1	1	1	OP		
-	65.29101-6088		WIRE ; ELECTRIC 40M	1	1	1	1	1	1	1	1	OP		
10440	60.29101-6116		WIRE ; EXTENSION(4.5M)	1	-	1	-	1	-	1	-	OP		
-	60.29101-6117		WIRE ; EXTENSION(7M)	1	-	1	-	1	-	1	-	OP		
-	60.29101-6118		WIRE ; EXTENSION(10M)	1	-	1	-	1	-	1	-	OP		
-	60.29101-6119		WIRE ; EXTENSION(12M)	1	-	1	-	1	-	1	-	OP		
20100	65.12501-7022		FUEL WATER SEPARATER ASS Y	-	-	-	-	-	-	1	1			
20110	65.12503-5015	•	• ELEMENT	-	-	-	-	-	-	1	1			
20120	65.96340-5036		HOSE ; FUEL INLET	-	-	-	-	-	-	2	2			
20130	60.96501-0021	O-	O-RING	-	-	-	-	-	-	2	2			
20140	06.76030-0106		UNION ; SOLDER	-	-	-	-	-	-	2	2			
30250	65.98821-8003		TOOL BOX ASS Y	1	1	1	1	1	1	1	1			
40230	65.96301-0276		HOSE ; BREATHER	1	1	1	1	1	1	1	1			

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
04.50010-0615	180	10220	06.01913-3119	110	10220	06.01923-3218	240	20030
06.01013-9107	110	10090	06.01913-3120	070	50030	06.01923-3228	130	10350
06.01013-9118	080	10200	06.01913-3122	170	10170	06.01924-3215	200	10045
06.01013-9119	110	10230	06.01913-3123	170	10170	06.01933-3126	100	10280
06.01013-9127	220	10035	06.01913-3126	220	10030	06.01934-3215	210	30020
06.01013-9128	180	40310	06.01913-3131	220	10030	06.01943-3317	020	10170
06.01013-9215	080	10280	06.01913-3212	250	10020		160	20050
06.01013-9221	070	20350	06.01913-3214	170	10080		160	20110
	140	20900	06.01913-3215	160	10130	06.01943-3318	160	20170
06.01013-9222	200	10270		260	10230		160	20200
06.01013-9224	090	10710	06.01913-3217	130	20310	06.01943-3319	030	10080
06.01013-9225	200	10280		190	10050	06.01943-3325	160	20170
06.01013-9226	130	20220		190	10150	06.01953-3320	150	34010
06.01013-9227	200	10100		200	10210	06.02090-0314	020	10550
	240	10120		240	10340	06.02090-0418	090	10140
06.01283-7213	260	10230		260	10220	06.02090-0422	100	13040
06.01283-7218	210	30020	06.01913-3218	230	20270	06.02090-0513	260	10210
06.01493-4312	240	10150	06.01913-3221	260	10910	06.02106-0619	040	40040
06.01493-4315	240	10150	06.01913-3222	090	10700	06.04190-8806	250	10030
06.01494-2326	170	10080		200	10200		250	10060
06.01733-4309	200	10310	06.01913-3223	260	10910	06.04201-8907	110	10130
	250	10020	06.01913-3227	200	10200	06.056180-0714	010	10200
	250	10130		240	10110	06.06225-0704	020	10140
06.01913-2910	130	10610	06.01913-3228	110	10260	06.06225-0706	010	10270
	130	30210		150	20430		230	20480
	130	40640	06.01913-3229	130	20260	06.06225-0809	020	10190
	250	10090	06.01913-3234	090	10720		060	10180
06.01913-3111	100	11160		130	20210		120	11320
	220	10190	06.01913-7126	110	10240	06.08092-0202	090	10630
	240	10390	06.01914-3126	070	50160	06.08092-2403	010	10850
06.01913-3113	020	10130	06.01914-3219	150	20070	06.08092-2405	030	10140
	100	11150	06.01914-3320	150	20030		230	20261
	100	13160		150	20170		240	10060
	100	13260	06.01923-2914	020	10350	06.08092-2406	100	10020
06.01913-3114	090	20300	06.01923-2918	020	10540	06.08095-4604	100	10040
	100	10610	06.01923-3113	060	30030		110	30090
	130	30110	06.01923-3115	110	20050		180	10300
	170	10490	06.01923-3119	100	10270		200	10080
	180	10340	06.01923-3122	100	10290	06.08095-4606	180	10320
	230	10100		110	30030		180	40370
	230	10170	06.01923-3124	110	30040	06.11053-9217	080	10260
06.01913-3115	010	10260	06.01923-3126	090	10460	06.11060-8211	250	10067
	170	10320	06.01923-3127	240	10130	06.11063-8212	020	10590
06.01913-3116	130	10180	06.01923-3132	240	10170	06.11063-8214	010	10300
06.01913-3117	180	10060	06.01923-3214	140	20800		020	10160
	180	40260	06.01923-3217	120	30240		110	20090
	240	10100	06.01923-3218	120	11310		210	10640
06.01913-3118	210	10620		130	10090		230	20495

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
06.11063-8214	240	10160	06.16731-2107	110	10100	06.31641-0429 A	090	10071
06.11063-8215	120	11510		110	10250	06.32092-0307	130	30040
	130	10340		110	20040	06.56020-0106	200	10220
	130	30340		180	10075	06.56021-0122	170	10060
	150	20450		180	40330	06.56180-0712	120	20090
	170	10090		220	10037		190	10110
	200	10390		230	20490	06.56180-0714	090	10640
	230	10050		240	10165		090	20080
06.11063-8216	150	20340	06.16731-2108	070	20360		130	10670
06.11063-9215	130	20420		090	10730		190	10130
06.11063-9216	030	10070		110	10270		220	10150
	150	20040		120	11610	06.56180-0716	120	30191
	150	20335		130	10330	06.56190-0704	010	10230
06.11063-9218	210	30040		130	20240		010	10830
06.11250-4329	130	30170		130	20410		010	10860
06.15010-2309	020	10570		130	30330		230	10130
06.15010-2311	090	10151		140	20910	06.56190-0705	180	10330
	090	10470		200	10110	06.56190-0706	100	10050
	100	13060		200	10290		110	30100
	110	20030		200	10380		120	20040
	170	10180		210	30030		120	20310
	180	10076		240	10125		120	30340
	180	40320		230	10040		200	10085
	220	10038	06.16731-2109	030	10060		270	10430
06.15010-2312	090	10740		150	20060		290	13690
	130	10370	06.16731-2110	040	30070		300	14690
	130	20400	06.16731-6109	250	10140	06.56190-0708	090	10620
	130	30320	06.22022-0907	020	10310		130	10730
	140	20920		060	10110		240	10070
	150	20440		080	10270	06.56190-0709	010	10330
	240	10126	06.22022-0909	080	10090		030	10150
06.15010-2313	030	10055	06.22022-0912	040	10140		230	20262
	150	20350	06.22022-1010	040	30050		260	10070
06.15010-4313	150	20050	06.22022-1013	020	10100	06.56190-0712	180	10310
06.15030-0514	070	20370	06.22022-1016	070	40130		180	40380
	120	11710	06.22022-1112	130	20030	06.56190-0713	100	10030
06.15091-0319	060	10080	06.22220-1110	130	10310	06.56190-0715	090	20040
06.16050-0311	080	10250		130	30310	06.56190-0718	090	10060
06.16050-0316	130	30180	06.29010-0120	070	20330	06.56190-0719	200	10520
06.16110-0106	090	10161	06.29010-0125	080	20080	06.56190-0726	200	10070
06.16731-2104	250	10050	06.29020-0126	050	20060	06.56190-0728	090	10110
	250	10051	06.29020-0132	080	20050		090	10510
	250	10066		110	10060		110	30170
06.16731-2105	020	10580	06.29030-2108	250	10170	06.56342-1208	170	10150
06.16731-2107	010	10290	06.29141-0207	080	10241		180	40280
	020	10150	06.29141-0215	130	10040	06.76030-0106	310	10270
	090	10400		130	30130		310	20140
	100	13050	06.31420-0314	080	20040	06.78140-2408	200	10510

Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.	
06.78144-2204	120	20030	60.34100-7252	260	10010	65.01150-0024 A	040	10250
	120	30330	60.34100-7253	260	10010	65.01150-0025 A	040	10250
06.78144-2403	230	10120	60.34100-7254	260	10010	65.01150-0026 A	040	10250
51.06402-0062	170	10140	60.34100-7255	260	10010	65.01201-0050	010	10210
	180	40270	60.34100-7256	260	10010	65.01304-0010 N	020	10010
60.01810-5001	180	10020	60.34100-7257	260	10010	65.01305-5028 C	020	10320
60.05101-7023	240	20010	60.34100-7258	260	10010	65.01307-0047	020	10510
60.05140-0009	240	20050	60.34100-7259	260	10010	65.01401-0221	030	10010
60.06163-0034	170	10030	60.91010-0011	250	10150	65.01401-0242	030	10010
60.06163-0035	170	10040	60.91615-0067	200	10040	65.01510-0037	030	10100
60.06169-0010	170	10070	60.96301-0066	240	20060	65.01510-0039	130	30050
60.06301-0096	200	10170	60.96301-0070	200	10220	65.01510-0157	020	10400
60.06301-5400	190	10060	60.96301-0071	260	10240	65.01601-6003	010	10510
60.06301-5401	260	10260	60.96301-0270	240	10230	65.01601-6005	010	10510
60.06800-7060 A	190	10010	60.96501-0021	310	20130	65.01705-0002	110	20010
60.06804-0010	190	10030	60.96605 A 0013	170	10470	65.01801-5099 B	060	30010
60.06815-0005 B	190	10020	60.97401-0051	160	10110	65.01810-5007	060	20140
60.06890-6012 A	310	10210	60.98201-7009	090	10600	65.01903 A 0207	030	10030
60.06903-0029	170	10050	65.01101-0040 M	010	10020	65.01903 B 0029	020	10500
60.08101-5030 C	200	10010	65.01101-0041	010	10020	65.01903 B 0113	020	10300
60.08301-5001 A	220	10050	65.01101-6040 H	010	10010	65.01903 C 0021	020	10120
60.08304-0001 A	220	10060	65.01101-6041 G	010	10010	65.01907 A 0002	110	20020
60.08904-0001	220	10020	65.01101-6046 E	010	10010	65.02101-0056 A	040	10020
	240	10300	65.01105-1156 D	010	10110		040	10100
60.09411-0012	240	10080	65.01105-1160 F	010	10090	65.02101-7024 C	040	10020
60.09905-0005	240	10090	65.01105-1164 E	010	10130	65.02101-7540 A	040	10010
60.11613-6001	250	10070	65.01105-1172 B	010	10070	65.02110-0011	040	10071
60.15211-5007	210	30010	65.01105-1173 C	010	10070	65.02115-0007	040	10120
60.25301-6003	270	10380	65.01105-1174 C	010	10110	65.02115-0040 K	040	10120
60.26601-7002 B	310	10150	65.01105-1175 C	010	10130	65.02201-7032	040	20010
60.27435-6003	290	13720	65.01105-1176 C	010	10090	65.02201-7033	040	20010
	300	14720	65.01110-6120	040	10150	65.02201-7034	040	20010
60.29101-0009	310	10200	65.01110-6121	040	10150	65.02301-0223 B	040	30020
60.29101-6116	310	10440	65.01110-6122	040	10150	65.02301-5078 B	040	30010
60.29101-6117	310	10440	65.01110-6123	040	10150	65.02310-0012	040	30040
60.29101-6118	310	10440	65.01110-6124	040	10150	65.02401-0005	050	10020
60.29101-6119	310	10440	65.01110-6351	040	10150	65.02401-0030	050	10020
60.32601-6001	310	10030	65.01110-6352	040	10150	65.02401-6018	050	10010
60.32601-6004	310	10020	65.01110-6353	040	10150	65.02401-6101 E	050	10010
60.32610-6113	310	10040	65.01110-6354	040	10150	65.02405-0015 C	050	10050
60.32610-6114	310	10040	65.01110-6355	040	10150	65.02405-1011	050	10050
60.32610-6115	310	10040	65.01150-0015	040	10200	65.02410-0010	050	10070
60.32610-6116	310	10040	65.01150-0016 A	040	10250	65.02410-0011	050	10070
60.32610-6117	310	10040	65.01150-0019	040	10200	65.02410-0012	050	10070
60.32610-6119	310	10040	65.01150-0020	040	10200	65.02410-0013	050	10070
60.32610-6121	310	10040	65.01150-0021	040	10200	65.02410-0014	050	10070
60.34100-7250	260	10010	65.01150-0022	040	10200	65.02501-0214	050	20010
60.34100-7251	260	10010	65.01150-0023 A	040	10250	65.02501-0502	050	20010

Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.	Part No.	Fig.No.	Key No.
65.02501-0779	050	20010	65.04507-0003A	070	50130	65.05904A0016	100	10350
65.02501-0785	050	20010	65.04902-0013	070	10230	65.06160-6013	170	10010
65.02502-0010	050	20050	65.05100-6022	080	10010	65.06160-6019	170	10010
65.02503-0054	050	20020	65.05102-0014	080	10020	65.06160-6020	170	10010
65.02503-0115	050	20040	65.05103-5012	080	10140	65.06162-5005	170	10012
65.02503-0120	050	20030	65.05103-5015	080	10100	65.06162-5042	170	10012
65.02601-0153	040	40010	65.05104-0004	080	10230	65.06163-0006	170	10040
65.02601-0163	040	40010	65.05104-0007	080	10220	65.06163-0007	170	10030
65.02601-0172	040	40010	65.05104-5004	080	10030	65.06163-0011	170	10030
65.02601-0195	040	40010	65.05105-0006	080	10240	65.06165-5001	170	10011
65.03101-0295T	060	10020	65.05105-0008	080	10240	65.06165-5005	170	10011
65.03101-6495O	060	10010	65.05109-0001	240	20600	65.06167-5001A	180	10010
65.03201-1011	060	10040	65.05140-0002	240	20050	65.06301-0118	110	30300
65.03203-1028D	060	10060	65.05200-6034	080	20010	65.06301-0157A	170	10210
65.03203-1029G	060	10070	65.05201-0037	080	10221	65.06301-0179	180	40300
65.03401-0021H	060	20010	65.05204-0036	080	20020	65.06301-0180	180	40340
65.03401-0056A	060	20030	65.05205-0018	080	20060	65.06301-0182	110	30010
65.03401-6044B	060	20050	65.05401-5027A	090	20010	65.06301-0188	110	30010
65.03901-0058A	060	10120	65.05405-6001	010	10610	65.06301-0204	200	10170
65.03905-0022	060	20100	65.05406-0014A	090	20020	65.06301-0218	200	10170
65.03905-0023A	060	20130	65.05410-0025	080	10170	65.06301-5187A	240	10310
65.04101-0026	070	10030	65.05510-5022A	090	10020	65.06301-5190A	180	10240
65.04101-0027	070	10070	65.05518-0001	090	10520	65.06301-5191	180	10170
65.04101-0037	070	10040	65.05518-0003	090	20060	65.06301-5222	180	10250
65.04101-0038	070	10080	65.05601-7074B	090	10010	65.06301-5242	170	10300
65.04101-0041	070	10010	65.05604-0015	090	10030	65.06301-5246A	260	10900
65.04101-0042	070	10050	65.05605-0024	090	10171	65.06301-5259A	240	10320
65.04102-0003	070	10110	65.05606-5020	090	10120	65.06301-5272A	240	10320
65.04102-0004	070	10120	65.05611-0003	090	10300	65.06301-5276A	190	10060
65.04102-0007	070	10130	65.05701-5153	100	13080	65.06301-5277	260	10260
65.04102-6002	070	10100	65.05701-5230	100	13110	65.06301-5279	260	10900
65.04103-0009	070	10210	65.05701-5356	130	10600	65.06301-5303	180	10240
65.04103-0013	070	10200	65.05701-5358	130	10700	65.06301-5304A	180	10250
65.04104-0006	070	10220	65.05701-5488	230	10110	65.06301-5321	240	10320
65.04200-6025D	070	20010	65.05701-5489	230	10150	65.06301-6073	190	10160
65.04201-5013E	070	20020	65.05701-5490	230	10140	65.06301-6077	200	10450
65.04202-0017A	070	20300	65.05701-5491	230	10110	65.06404-0019B	170	10130
65.04203-0009A	070	20210	65.05701-5492	230	10140	65.06404-5024	170	10130
65.04203-5009	070	20200	65.05701-5499	100	10600	65.06405-0029	180	40240
65.04205-0003	070	20100	65.05701-6046B	100	11000	65.06500-6139C	110	10010
65.04301-0005	070	30010	65.05715-5001	100	13020	65.06501-0076C	110	10020
65.04302-5010	070	30100	65.05801-6016A	100	10010	65.06503-0078	110	10080
65.04401-0014C	070	40010	65.05805-5172	100	10900	65.06504-0030A	110	10070
65.04410-0017	010	10060	65.05806-6083	100	10700	65.06506-0023	110	10040
65.04501-0057	070	50010	65.05901A0022	090	20200	65.06512-0010	110	10120
65.04505-0005	070	50110	65.05901A0051	090	10750	65.06520-6007	110	10030
65.04505-5008A	070	50100	65.05902-0015A	090	10450	65.06800-7005	190	10010
65.04506-0008	070	50140	65.05903B0003	100	13010	65.06901A0019	110	10110

Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.	
65.06901A0020	110	10210	65.10102-6040A	140	10020	65.11610-7005	250	10110
65.06901A0033	190	10040	65.10102-6051A	140	10020	65.11610-7011	250	10110
65.06901A0069	170	10160	65.10115-6003	140	10030	65.11902-0018A	130	10300
65.06901A0070	170	10160	65.10301-5259	140	20210		130	30300
65.06903-0027	170	10055	65.10301-5260	140	20220	65.12301-5224A	120	20070
65.06903A0011	110	30020	65.10301-5261	140	20230	65.12301-5225A	120	20150
65.06903A0014	180	10040	65.10301-5262	140	20510	65.12301-5226A	120	20150
65.08105-0013A	200	10350	65.10301-5263	140	20520	65.12301-5227	120	20010
65.08112-0015A	200	10460	65.10301-5264	140	20530	65.12301-5228A	120	20020
65.08112-0036A	210	10520	65.10301-6048C	140	20100	65.12301-5237	120	20010
65.08112-0038	230	20460	65.10301-6049B	140	20200	65.12301-5238	120	20020
65.08112-5019	210	10560	65.10301-6052B	140	20500	65.12501-7019	120	30320
65.08112-5020	210	10560	65.11101-7269A	130	10010	65.12501-7022	310	20100
65.08112-5028A	230	20460	65.11101-7271A	130	10010	65.12501-7023	120	30010
65.08112-5029	210	10520	65.11101-7311	130	10010	65.12503-5015	310	20110
65.08120-5028	230	20320	65.11101-7341	130	10010	65.12503-5016	120	30151
65.08201-0051	120	10410	65.11101-7400	130	10010	65.12504-5013A	120	30021
65.08202-0144	220	10010	65.11101-7410	130	10010	65.15101-6004	210	20140
65.08202-0159	220	10010	65.11106-0008	130	10150	65.15101-6007	210	20140
65.08220-0003	220	10120	65.11165-0015	250	10065	65.15211-5003	210	30010
65.08220-0007	240	10260	65.11165-0017	250	10040	65.15901-0010	210	30050
65.08301-5009	220	10050	65.11219-6001A	130	50200	65.19102-0084A	150	20010
65.08301-6012	220	10080	65.11220-7006	280	11120	65.19103-5045	150	20140
65.08304-0005	220	10060	65.11220-7008	130	10030	65.19103-6011A	150	20150
65.08901-0055	200	10090	65.11301-0015A	130	10160	65.19202-0039	200	10300
65.08902A0024	120	11010	65.11301-0019	130	30150	65.19202-0090	200	10300
65.09100-7072	230	10010	65.11301-0063	130	10170	65.19202-5007	160	10010
65.09100-7090	230	10010	65.11301-7017	130	30010	65.25301-6003	300	14900
65.09100-7092	230	10010	65.11302-0015	130	30120	65.25601-0001	150	12010
65.09100-7149	230	10010	65.11308-0001	130	30060	65.25900-6006	270	10620
65.09411-0091	240	10050	65.11308-0002	130	30070		290	13850
65.09411-0127	240	10260	65.11308-0003	130	30080		300	14850
65.09500-7005	240	10010	65.11308-0004	130	30090	65.25900-6010	290	13850
65.09503-0008	240	10020	65.11309-0005C	130	30020		300	14850
65.09503-0009	240	10030	65.11312-0006	130	30100	65.25909-0005	250	10100
65.09520-5008	240	10140	65.11401-0034A	130	20300	65.26101-7101	290	13100
65.09901-0012	230	20250	65.11401-0040	130	10050		300	14300
65.09901-0018A	200	10360	65.11401-0046A	130	20010	65.26101-7138	150	10010
65.09901-0022	210	10540	65.11405-0001	130	20100		270	10100
	230	20400	65.11405-0002	130	20110		280	10100
65.09901-0023	200	10420	65.11405-0003	130	20120		290	13100
65.09905-0007	240	10040	65.11405-0004	130	20130		300	14300
65.10101-6024	140	10030	65.11405-0009	130	20150	65.26102-5007B	150	20510
65.10101-7050A	140	10010	65.11405-0010	130	20160	65.26106-5007	150	11810
65.10101-7080A	140	10010	65.11405-0013	130	20170	65.26201-7043A	150	30010
65.10101-7293A	140	10010	65.11405-0015	130	20180		270	10200
65.10101-7450A	140	10010	65.11501-7006	130	10020		280	10200
65.10102-6026A	140	10020	65.11501-7008	130	10020		290	13200

Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.		Part No.	Fig.No.Key No.	
65.26201-7043 A	300	14400	65.29101-6125	300	14800	65.90201-0146	020	10560
65.26201-7063	150	30010	65.32610-6002	310	10040	65.90201-0149	110	20060
	270	10200	65.32610-6003	310	10040	65.90201-0178	130	10360
	280	10200	65.32610-6004	310	10040	65.90302-0012	070	20220
65.26201-7071	290	13200	65.32610-6005	310	10040	65.90302-0050	200	10030
	300	14400	65.32610-6006	310	10040	65.90310-0033	090	20080
65.26609-0003	310	10170	65.32630-0010	130	40620		220	10140
65.26609-0004	310	10180	65.32630-0013 A	250	10010	65.90310-0048	010	10190
65.27103-7002 C	290	13710	65.32630-5014	250	10010	65.90310-0056	090	20030
	300	14710	65.34100-7040 A	260	10010	65.90310-0091	010	10220
65.27103-7010	280	40010	65.34100-7041 A	260	10010	65.90310-0104	080	10190
65.27405-6003	270	10420	65.34100-7042 A	260	10010	65.90310-0109	010	10320
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65.29101-6120	280	10560	65.90201-0072	200	10370	65.93410-0036	130	10080
65.29101-6124	290	13800	65.90201-0098	110	20061	65.96002-0003	030	10040

Part No.	Fig.No. Key No.		Part No.	Fig.No. Key No.		Part No.	Fig.No. Key No.	
65.96301-0003	180	40350	65.97401-6002	140	20610	65.98155-0012	260	10040
65.96301-0074	190	10170	65.97401-6009	120	20260	65.98821-8003	310	30250
65.96301-0125B	190	10070	65.97440-0073	260	10060	66.29101-0022	310	10160
	240	10350	65.97440-0095	220	10070	66.96340-0001	310	10240
65.96301-0224	220	10040	65.97440-0097	240	10240	66.96340-0002	310	10250
65.96301-0244	260	10050	65.97440-0098	220	10170			
65.96301-0261	170	10190	65.97440-0099	110	30320			
	180	20190		170	10120			
65.96301-0263	110	30310		170	10500			
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	180	10180		190	10080			
65.96301-0265	220	10160		210	10780			
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65.96301-0332	180	10080		190	10090			
65.96301-0348	240	10350		200	10230			
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65.96301-0377	260	10940	65.97440-0102	170	10200			
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65.96340-0012	130	10680		230	10190			
65.96340-0034	130	10600		240	20040			
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65.96501-0057	140	10100	65.97480-0170	140	20400			
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: 150-010 14-34 () B/D 02)2167-3114()]

• / ().....032)884-8167 400-037 77가 27-207 FAX : 032)881-8166 ().....033)653-6811 210-110 1231 : 033)653-6812~3 FAX : 033)653-6814 • ().....02)598-5558 137-073 3 1570-6 (B/D 4) FAX : 02)653-6814 ().....031)752-3711 462-110 109-6 (B/D 302) FAX : 031)753-0248 ().....031)232-5424 442-070 1038-5 (B/D 4) FAX : 031)234-7377 •	().....042)931-1070 306-130 154-15 : 042)931-1071 FAX : 042)931-1072 • ().....061)243-2466 530-210 549-37 FAX : 061)243-2467 ().....063)443-3937 573-010 999 : 063)443-3938 FAX : 063)445-7528 ().....061)724-6501 540-850 53-3 : 061)724-6502 FAX : 061)724-6503 • ().....062)603-0011 502-153 4 18-108 : 062)603-0012 FAX : 062)603-0013 • /	().....054)281-7172 790-150 66-50 2 : 054)281-7173 FAX : 054)281-7174 ().....064)752-0054 690-022 2 1068 : 064)752-0054 FAX : 064)751-1054 • ().....051)293-5546 617-060 524-44 FAX : 051)293-5998 ().....055)647-0141 650-030 1378 4 : 055)647-0142~3 FAX : 055)647-0143 • ().....053)742-6223 701-020 1 651-2 2 : 053)742-6224~5 FAX : 053)742-6225 ().....051)317-1961 616-060 559-13 (B/D. 6) : 051)317-1962~3 FAX : 051)317-1964
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2. [A/S : 425-190 85-1 031)400-2040()]
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• -----032)836-1280 409-850 -----032)883-0938 401-020 77가 60 -----032)884-6636 400-037 77가 85-25 -----032)885-8363 400-037 77가 85-47 -----033)682-2497 219-900 1 4 -----061)642-2612 550-180 37-84 -----061)641-0906 550-040 37-492 -----051)206-5131 604-030 485() -----051)413-8550 606-033 37가 21 -----054)246-7886 791-040 2 120 -----054)276-3149 795-800	-----054)791-3388 799-800 3 301-3 -----061)243-2295 530-080 27가 3-15 -----064)758-4288 690-061 1 2138-2 -----064)796-2833 695-830 1314-108 ----- • -----02)336-3855 121-220 433-10 -----031)761-3121 464-880 434-2 : 02)634-2666 -----02)672-1011 150-032 77가 94-58 -----02)675-3566 150-040 121-152 -----031)393-3541 435-040 1 241-5 : 0343)393-5340 -----042)524-4083 302-190 254-52	-----062)523-7653 500-170 675-6 ----- ()..053)383-0088 700-251 582-1 -----064)753-5083 690-041 1 2824-3 -----064)755-6065 690-061 2 4981-6
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[A/S : 426-190 85-1
: 031)400-2112 7, FAX : 031)400-2110]



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FAX : 02)2241-7361

.....02)2672-7383
150-046 671-121-144
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FAX : 02)2632-7157

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FAX : 032)831-2001

.....032)831-1150
404-250 가 560-10
: 032)831-1151~2
FAX : 032)831-1152

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401-040 129 가 32-111
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FAX : 032)589-4357

.....031)475-2366
425-060 713-14
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.....031)255-4305
440-420 22-15
: 031)255-6314
FAX : 031)247-4406

.....033)652-9151
210-112 2 1231
: 033)652-9152~5
FAX : 033)652-9154

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301-040 84-18
: 042)254-1544
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502-370 257-2
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614-030 151-2
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614-040 661-2
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614-031 1 100-6
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FAX : 051)808-6835

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614-042 2 667-19
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FAX : 051)819-6125

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FAX : 051)324-2318

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FAX : 051)818-5411

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700-380 227-3
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FAX : 053)559-5313

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702-012 2 1629
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702-083 371-1488-4
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FAX : 053)357-5431

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700-370 91-2 B/D 1
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400-037 771-27-43
: 032)883-9976
FAX : 032)889-4528

.....032)888-9607
400-037 771-58-4(가 2-2)
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FAX : 032)883-2659

.....041)675-3934
357-900 3-7
: 041)675-3934
FAX : 041)675-3936

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550-180 37-537
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FAX : 061)643-4227

.....061)844-5555
548-900 2242-12
: 061)842-3675
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530-08027가 3-15
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FAX : 061)242-9711

.....063)443-3935
573-010999-6
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FAX : 063)445-7528

.....064)753-1651
690-029915-30
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FAX : 064)751-0379

.....055)644-3561
650-070339-2(23/2)
: 055)646-3561
FAX : 055)646-3561

.....055)832-5535
790-042101-56
: 055)832-5535
FAX : 055)835-1816

.....051)417-4353
614-03017가 28
: 051)414-8228
FAX : 051)413-0570

.....051)245-2478
606-02227가 200
: 051)245-2479
FAX : 051)415-1637

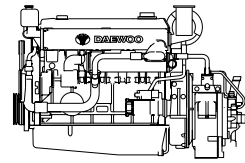
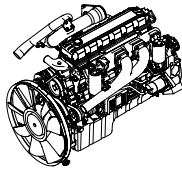
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: 054)247-8015
FAX : 054)247-8015

GL ().....031)239-9466
441-220170-5
: 031)239-9466
FAX : 031)239-9468

.....032)812-4260
405-310719-17
142B-18L
: 032)812-4261
FAX : 032)812-4977

.....055)332-4249
660-3203B 16L
: 055)332-4249
FAX : 055)332-4250

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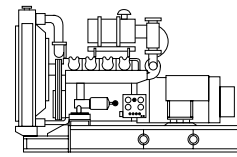
		kW(PS)/rpm		kW(PS)/rpm
	D1146	133(181)/2,500	DE12TIS	250(340)/2,100
	D1146TI	158(215)/2,200	GE12TI	250(340)/2,100
	DE08TIS	176(240)/2,300	DV15T	272(370)/2,300
	GE08TI	191(260)/2,300	DV15TI	309(420)/2,100
	DE12	169(230)/2,200	DV15TIS	309(420)/2,100
	DE12T	220(300)/2,200	DL08	235(320)/2,200
	DE12TI	250(340)/2,100	DV11	309(420)/1,800
	DC23	37(50)/3,000	DB58TIS	127(173)/2,000
	DC24	41(56)/3,000	D1146	115(156)/2,200
	DC24T	41(55)/2,600	D1146T	140(190)/2,200
	DB33	53(72)/3,000	D1146TI	162(220)/2,200
	DB33A	46(63)/2,300	DE08TIS	151(205)/1,900
	DB58	96(130)/2,800	DE12T	188(255)/2,000
	DB58S	75(102)/2,200	DE12TI	213(290)/2,000
	DB58T	104(142)/2,500	DE12TIS	238(323)/2,000
	DB58TI	112(152)/2,200	DV15T	238(324)/2,300

	kW(PS)/rpm		kW(PS)/rpm
L034	51(70)/3,000	L126TIH	265(360)/2,000
L034TIH	88(120)/3,000	L126TIM	294(400)/2,100
L034TIM	107(145)/3,300	V158TIH	353(480)/1,800
L136	118(160)/2,200	V158TIM	397(540)/2,100
L136T	147(200)/2,200	V158TIL	500(680)/2,300
L136TL	177(240)/2,500	V180TIH	441(600)/1,800
L136TI	169(230)/2,200	V180TIM	478(650)/2,100
L086TIH	210(285)/2,100	V180TIL	820(603)/2,300
L086TIM	232(315)/2,300	V222TIH	530(720)/1,800
MD196T	206(280)/2,000	V222TIM	588(800)/2,100
MD196TI	235(320)/2,000	V222TIL	736(1,000)/2,300

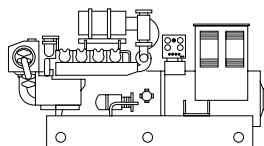
(G-Drive & G-Pac)

	(Output ISO 3046)					(Output ISO 3046)			
	@1,800rpm		@1,500rpm			@1,800rpm		@1,500rpm	
	Stand-by	Prime	Stand-by	Prime		Stand-by	Prime	Stand-by	Prime
	kW(PS)	kW(PS)	kW(PS)	kW(PS)		kW(PS)	kW(PS)	kW(PS)	kW(PS)
DC23-2	13(17)	11(15)	15(11)	14(10)	P126TI	298(405)	278(378)	272(370)	241(328)
DC23-1	18(25)	17(23)	16(22)	15(20)	P126TI-II	342(465)	-	-	-
DC23	24(33)	22(30)	19(26)	18(24)	GE12TIC	-	200(272)	-	175(238)
DC24	25(34)	23(31)	21(28)	18(25)	GE12TIR	-	200(272)	-	175(238)
DC24T	32(43)	29(39)	26(36)	24(32)	P158LE-2	361(491)	329(447)	321(437)	293(399)
DB33	35(47)	32(43)	29(39)	26(35)	P158LE-1	402(546)	366(498)	362(492)	327(444)
P034TI	60(82)	55(75)	48(65)	42(57)	P158LE	443(602)	402(547)	414(563)	363(494)
DB58	70(95)	64(87)	59(80)	54(73)	P180LE-1	498(677)	454(617)	442(601)	403(548)
D1146	105(143)	96(130)	85(116)	77(105)	P180LE	540(734)	497(676)	496(674)	443(602)
D1146T	138(187)	125(170)	118(160)	107(145)	P222LE-1	625(850)	563(765)	552(750)	496(675)
P086TI-1	191(303)	174(279)	164(270)	149(420)	P222LE	649(883)	591(803)	574(781)	532(723)
GE08TIC	-	200(272)	-	175(238)	GV158TIC	-	270(367)	-	230(313)
GE08TIR	-	200(272)	-	175(238)	GV158TIR	-	270(367)	-	230(313)
DE12T	199(270)	180(245)	166(226)	151(205)	GV222TIC	-	410(557)	-	350(476)
P086TI	223(260)	205(237)	199(223)	177(203)	GV222TIR	-	410(557)	-	350(476)
P126TI-1	288(392)	262(356)	-	-					

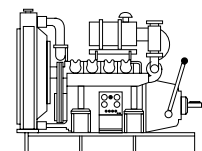
	(Output ISO 3046)		(Output ISO 3046)		(Output ISO 3046)		(Output ISO 3046)
	kW(PS) @ 1,500rpm		kW(PS) @ 1,500rpm		kW(PS) @ 1,800rpm		kW(PS) @ 1,800rpm
AD034F	26(35)	AD034TIF	42(57)	AD034S	32(43)	AD034TIS	55(75)
AD136F	77(105)	AD136TF	107(145)	AD136S	93(126)	AD136TS	125(170)
AD136TIF	121(165)	AD086TIF	151(205)	AD136TIS	143(195)	AD086TIS	186(253)
AD196TF	155(210)	AD196TIF	173(235)	AD196TS	181(246)	AD196TIS	199(270)
AD126TIF	206(280)	AD158TIF	302(410)	AD126TIS	247(336)	AD158TIS	353(480)
AD180TIF	357(485)	AD222TIF	446(606)	AD180TIS	441(600)	AD222TIS	530(720)



				(kW/kVA)			
Stand-by	Prime			1800rpm(60Hz)		1500rpm(50Hz)	
				Stand-by	Prime	Stand-by	Prime
DW10E	DW10	PIG	DC23-2	10/13	9/11	9/11	8/10
DW15E	DW15	PIH	DC23-1	15/19	14/17	13/17	12/15
DW20E	DW20	PIF	DC23	20/25	18/23	16/20	14/18
		PJF	DC24	20/25	18/23	16/20	14/18
DW26E	DW26	PII	DC24T	26/33	24/30	22/27	20/24
		PJM	DB33	26/33	24/30	22/27	20/25
DW50E	DW50	PIA	P034TI	50/63	45/56	40/50	36/45
DW60E	DW60	PJB	DB58	60/75	55/69	48/60	44/55
DW85E	DW85	PJJ	D1146	85/106	77/96	70/88	64/80
DW115E	DW115	PJK	D1146T	115/144	105/131	101/126	92/115
DW170E	DW170	PIE	P086TI-1	170/212	155/194	145/181	132/165
		PJE	DE12T	170/213	155/194	145/181	132/165
DW200E	DW200	PIL	P086TI	200/250	182/228	176/220	160/200
DW260E	DW260	PIW	P126TI-1	260/325	235/294	-	-
DW275E	DW275	PIQ	P126TI	275/344	250/313	242/303	220/275
DW320E	DW320	PIZ	P158LE-2	320/400	290/362	282/353	256/320
DW360E	DW360	PIS	P158LE-1	360/450	327/409	320/400	288/360
DW400E	DW400	PIY	P158LE	400/500	364/455	370/463	320/400
DW450E	DW450	PIO	P180LE-1	450/563	409/511	396/495	360/450
DW500E	DW500	PIM	P180LE	500/625	445/556	440/550	400/500
DW600E	DW600	PIN	P222LE	600/750	541/676	528/660	480/600



		(kW/kVA)	
		1800rpm(60Hz)	1500rpm(50Hz)
		Prime	Prime
		kW/kVA	kW/kVA
PNM	DB33	24/30	20/25
PNB	AD034TI	50/63	36/45
PNJ	AD136	80/100	68/85
PNK	AD136T	104/130	96/120
PND	AD136TI	132/165	108/135
PNE	AD086TI	172/215	136/170
PNL	AD196TI	176/220	160/200
PNI	AD126TI	224/280	192/240
PNZ	AD158TI	328/410	276/345
PNS	AD180TI	400/500	332/415
PNY	AD222TI	500/625	408/510



	kW(PS)/rpm
PU024	32(44)/2,800
PU024T	40(55)/2,600
PU034	50(68)/3,000
PU066	85(116)/2,800
PU086	116(160)/2,200
PU086T	151(205)/2,200
PU086TI	213(290)/2,200
PU158TI	398(540)/2,100
PU180TI	479(650)/2,100
PU222TI	589(800)/2,100

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