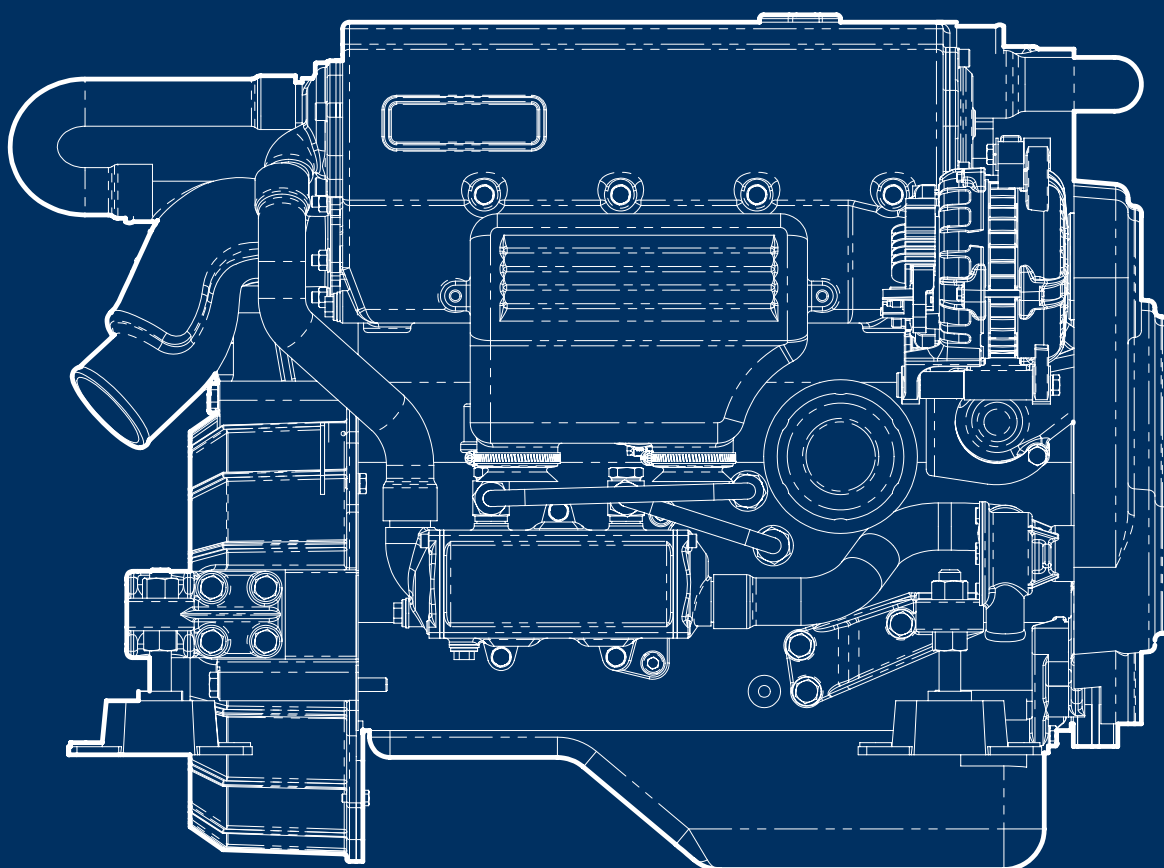




Craftsman
MARINE



SPARE PARTS

CATALOGUE cm 4.65 / cm 4.80

CRAFTED WITH CRAFTSMAN MARINE

PROPULSION

Disclaimer

The specifications and the descriptions in this spareparts book were correct at the time of going to press. However, Craftsman Marine is continuously striving after the improvement of its products and therefore reserves the right to modify – at all times and without prior notification - product specifications and instruction manuals.

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HYUNDAI PARTS

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ELECTRONICS

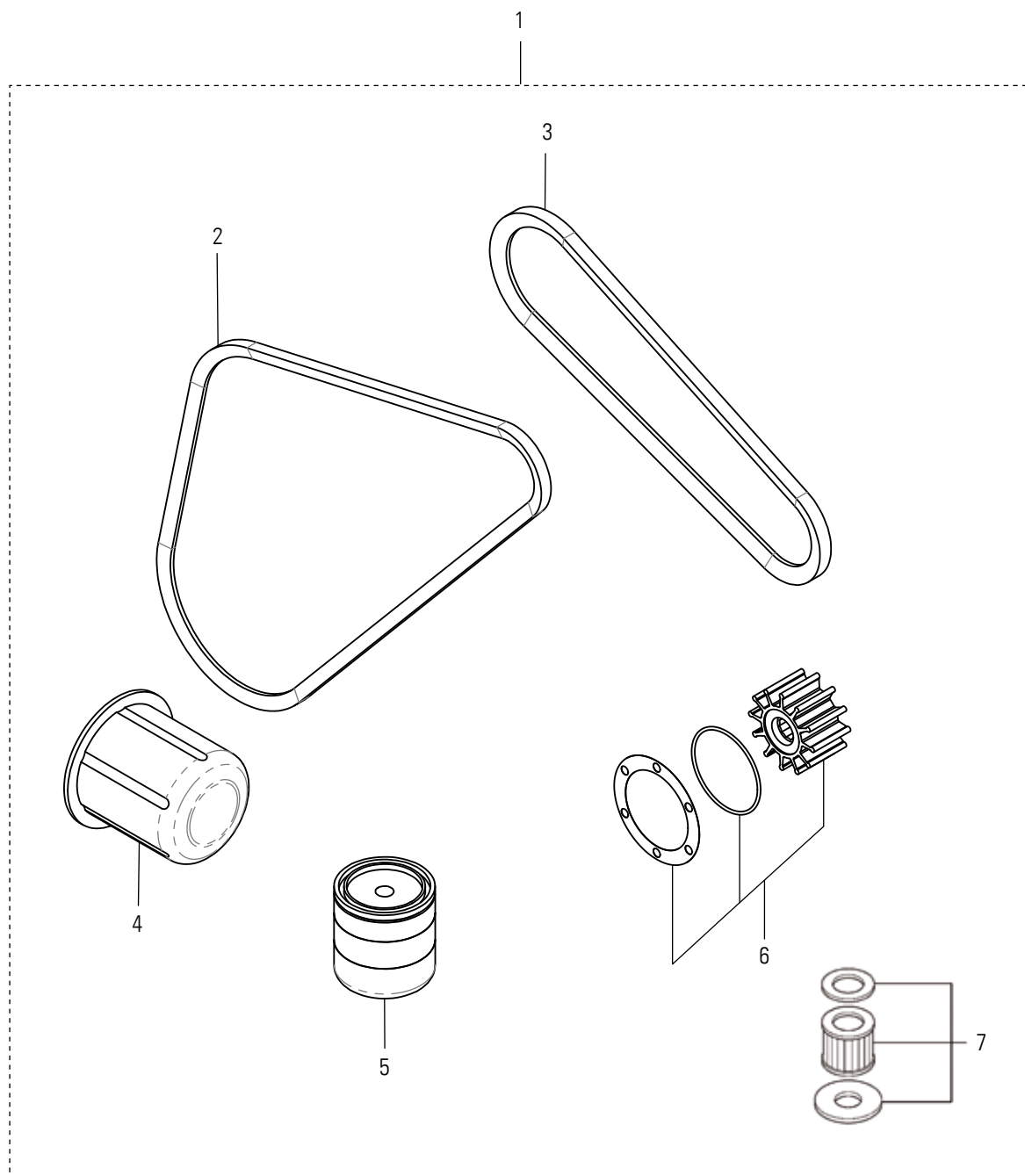
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CM4.65 / CM4.80

MARINISATION PARTS

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1.1 SPARES SET



SPARE PARTS

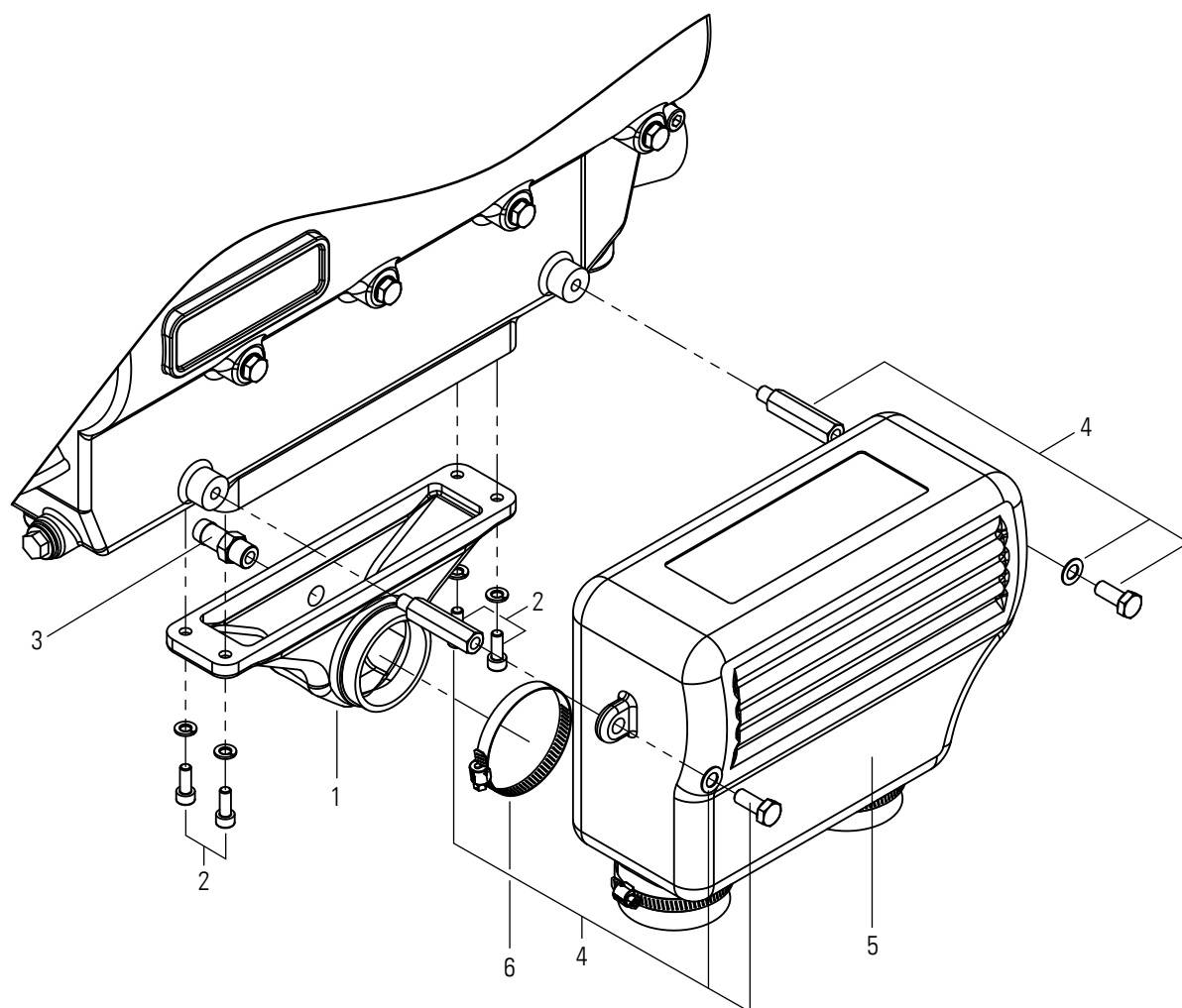
CM4.65 / CM4.80



1.2 AIR INTAKE

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90046	AIR INTAKE BEND	
	2	1	AA.480.90420	4 nos HEX SOCKET BOLT M6X16 WITH WASHER	
	3	1	AA.480.90049	BREATHER HOSE NIPPLE	
	4	1	AA.480.90421	2 nos BOLT M8X30 WITH WASHER & DISTANCE BUSH	
	5	1	AA.480.90422	AIR INTAKE ASSY	
	6	1	ZP.020.04060	HOSE CLAMP (Ø40 - Ø60)	
HYUNDAI PARTS					
ELECTRONICS					

1.2 AIR INTAKE



SPARE PARTS

CM4.65 / CM4.80



1.3 FUEL FILTER

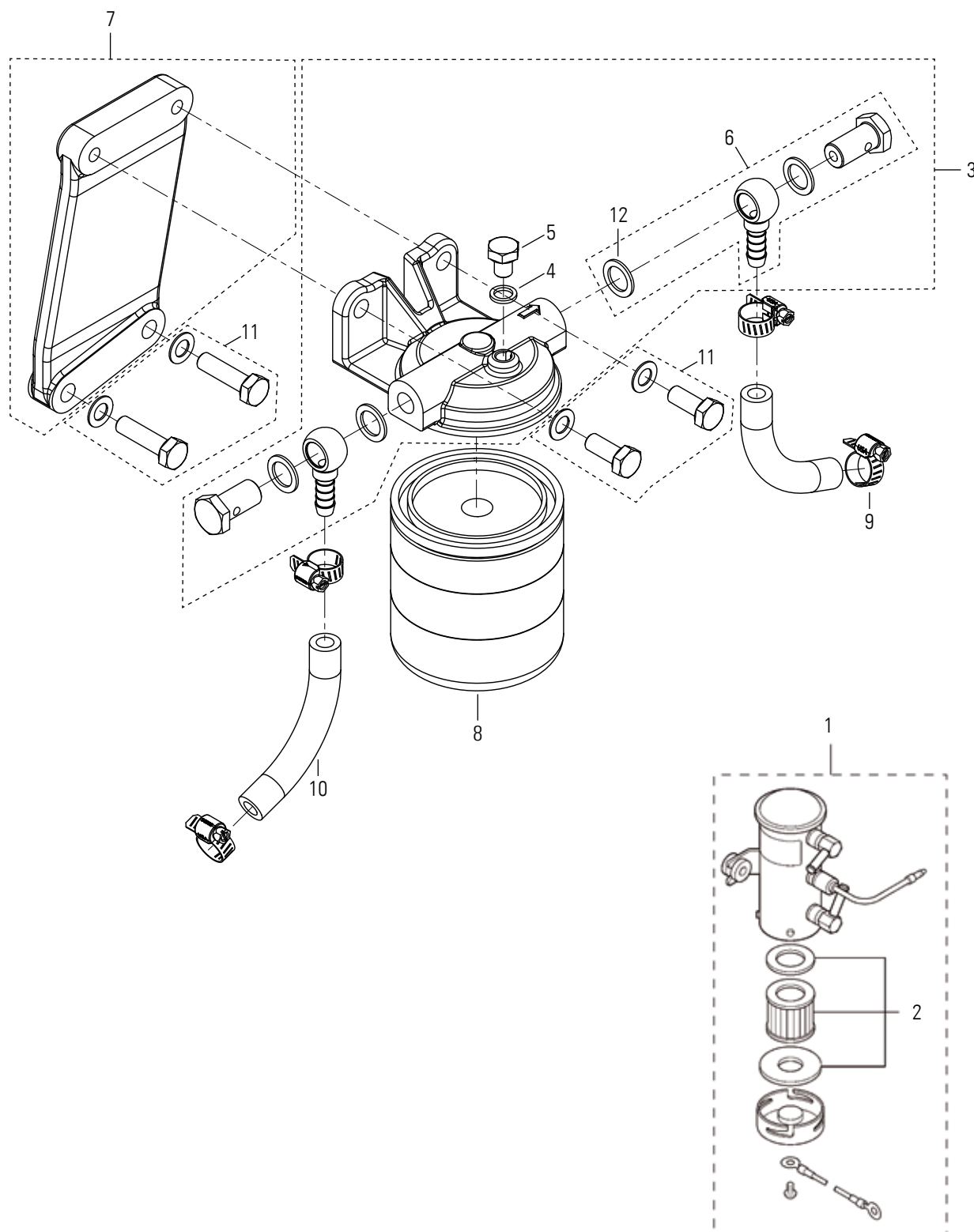
	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	1	AA.400.90024	ELEC. FUEL LIFT PUMP ASSY	
	2	1	AA.400.90338	FILTER KIT	
	3	1	AH.010.60008	BASE FUEL FILTER COMPLETE	
	4	1	AA.300.90068	25 nos WASHER BRASS M8	
	5	1	AA.300.90072	25 nos BOLT M8X10	
	6	2	AA.300.90074	BANJO SET	
	7	1	AA.480.90426	BRACKET	
	8	1	AA.200.90017	FUELFILTER	
HYUNDAI PARTS	9	1	AA.300.90079	4 nos HOSE CLAMP (Ø11 - Ø16)	
	10	2	GA.030.20008	FUEL HOSE 08mm ISO-7840 MARINE FUEL A1	
	11	1	AA.480.90466	SET BOLT + WASHER (4 nos)	
ELECTRONICS	12	1	AA.300.90073	25 nos WASHER BRASS M12	

SPARE PARTS

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1.3 FUEL FILTER



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

CM4.65 / CM4.80

MARINISATION PARTS

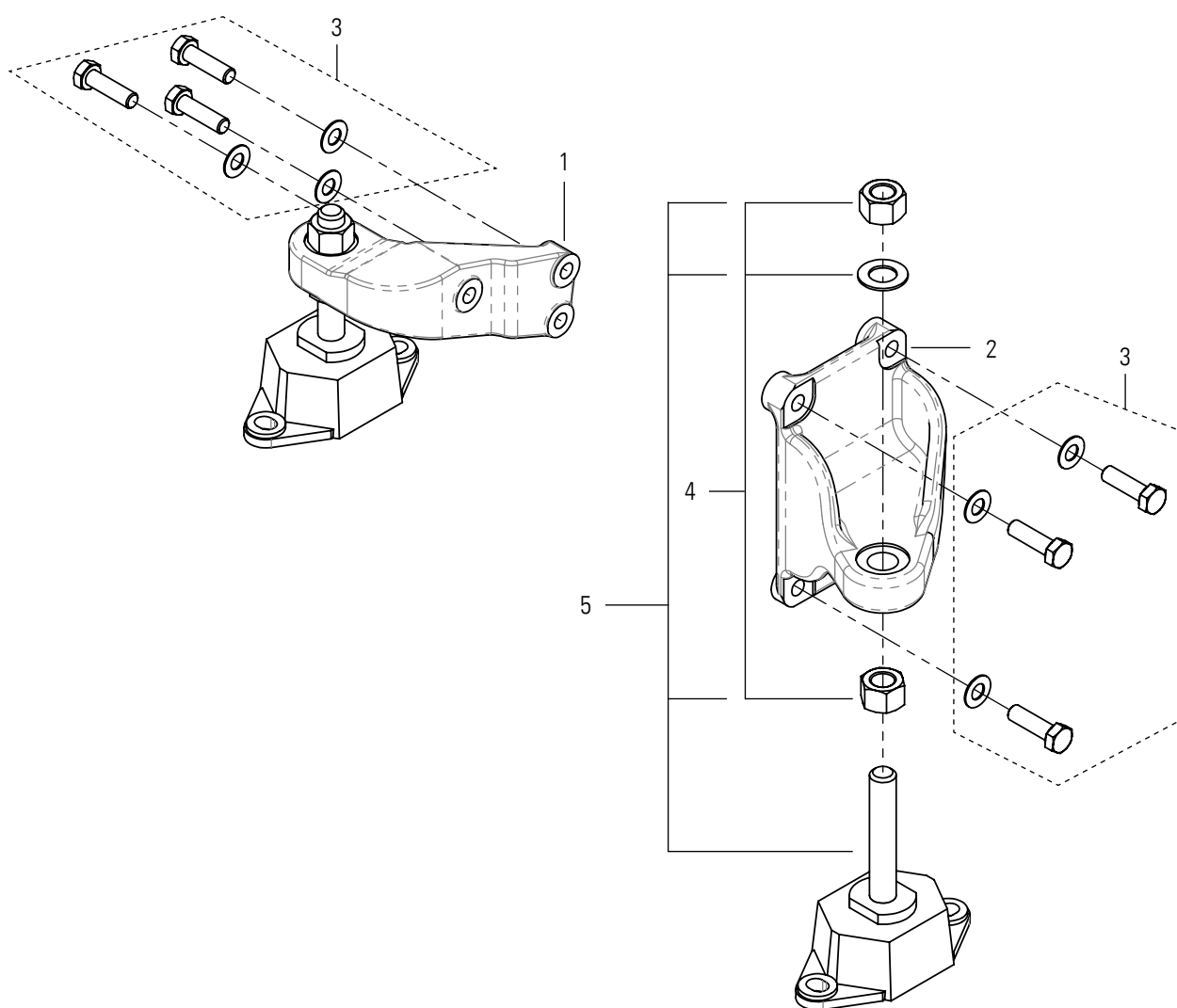
[illegible]

SPARE PARTS

CM4.65 / CM4.80

Craftsman
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1.4 ENGINE SUPPORT



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



1.5 HEAT EXCHANGE

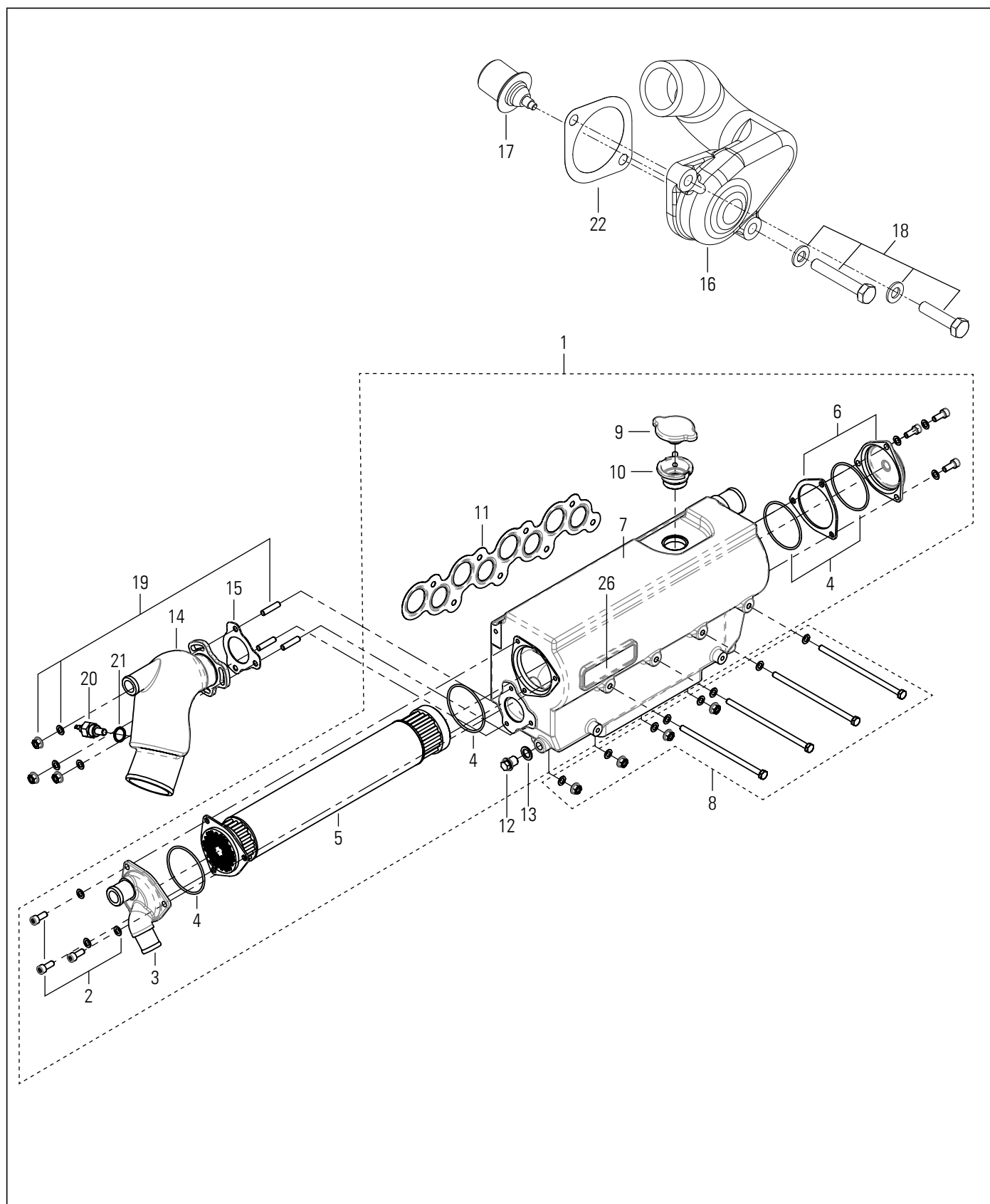
	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	1	AA.480.90057	HEATEXCHANGER HOUSING ASSY	
	2	1	AA.480.90430	6 nos HEX SOCKET BOLT M8X20 WITH WASHER	
	3	1	AA.480.90059	COVER	
	4	1	AA.480.90060	4 nos O-RING Ø75x3mm	
	5	1	AA.480.90061	TUBE STACK	
	6	1	AA.480.90431	COVER & SEPARATOR PLATE	
	8	1	AA.480.90432	MOUNTING SET	
	9	1	AA.200.90008	FILLER CAP 0.5BAR	
	10	1	AA.300.90100	FILLER NECK	
	11	1	AA.480.90066	EXHAUST GASKET	
HYUNDAI PARTS	12	1	AA.300.90053	10 nos PLUG M14x1,5	
	13	1	AA.300.90086	10 nos SEAL WASHER M14	
	14	1	AA.480.90067	EXHAUST ELBOW Ø60	CM4.60
		1	AA.480.90068	EXHAUST ELBOW Ø75	CM4.80
	15	1	AA.480.90069	EXHAUST ELBOW GASKET	
	16	1	AA.480.90070	THERMOSTAT HOUSING	
	17	1	AA.480.90287	THERMOSTAT	
	18	1	AA.480.90433	2 nos BOLT M8X40 WITH WASHER	
	19	1	AA.480.90434	EXHAUST ELBOW MOUNTING KIT	
	20	1	DB.020.20004	EXHAUST TEMPERATURE SWITCH, 75DEG (10 nos)	
ELECTRONICS	21	1	AA.300.90098	10 nos SEAL WASHER M18	
	22	1	AA.480.90288	THERMOSTAT GASKET	

SPARE PARTS

CM4.65 / CM4.80

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1.5 HEAT EXCHANGE



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



1.6 ENGINE OIL COOLER

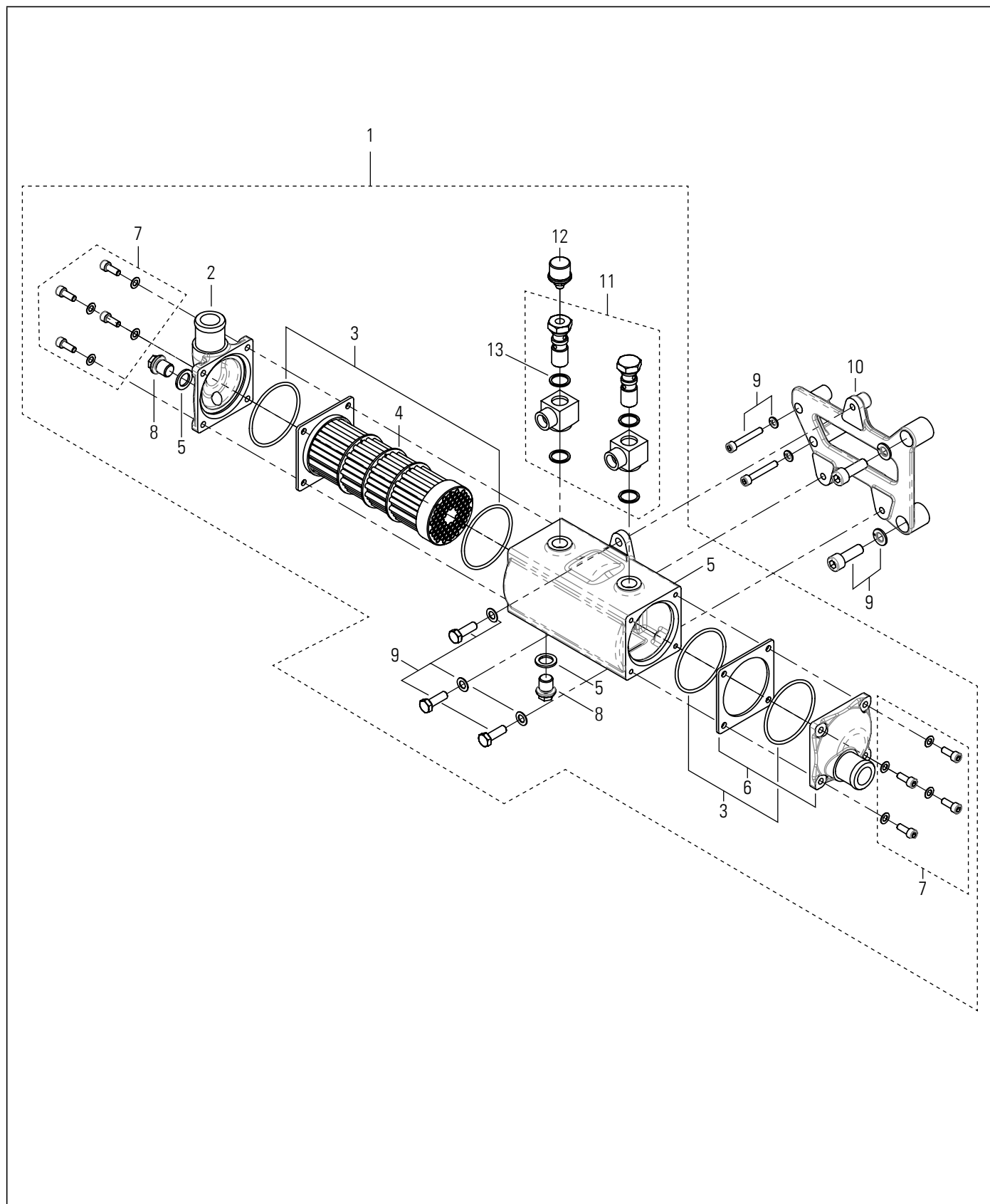
	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	1	AA.480.90071	OIL COOLER HOUSING ASSEMBLY	
	2	1	AA.480.90072	OUTLET COVER	
	3	1	AA.300.90084	4 nos O-RING Ø66 X 2.5	
	4	1	AA.480.90073	TUBE STACK	
	5	1	AA.300.90086	10 nos SEAL WASHER M14	
	6	1	AA.480.90435	SEPERATOR PLATE & COVER	
	7	1	AA.480.90436	8 nos HEX SOCKET BOLT M6X25 WITH WASHER	
	8	1	AA.300.90053	10 nos PLUG M14x1,5	
	9	1	AA.480.90438	MOUNTING SET	
HYUNDAI PARTS	10	1	AA.480.90083	MOUNTING BRACKET - ENGINE OIL COOLER	
	11	1	AA.480.90439	BANJO SET	
	12	1	DB.020.20001	OILPRESSURE SWITCH/SENSOR KIT, 0.49/0-8BAR (10 nos)	
	13	1	AA.480.90468	10 nos WASHER	
ELECTRONICS					

SPARE PARTS

CM4.65 / CM4.80

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MARINE

1.6 ENGINE OIL COOLER



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



1.7 HOSES

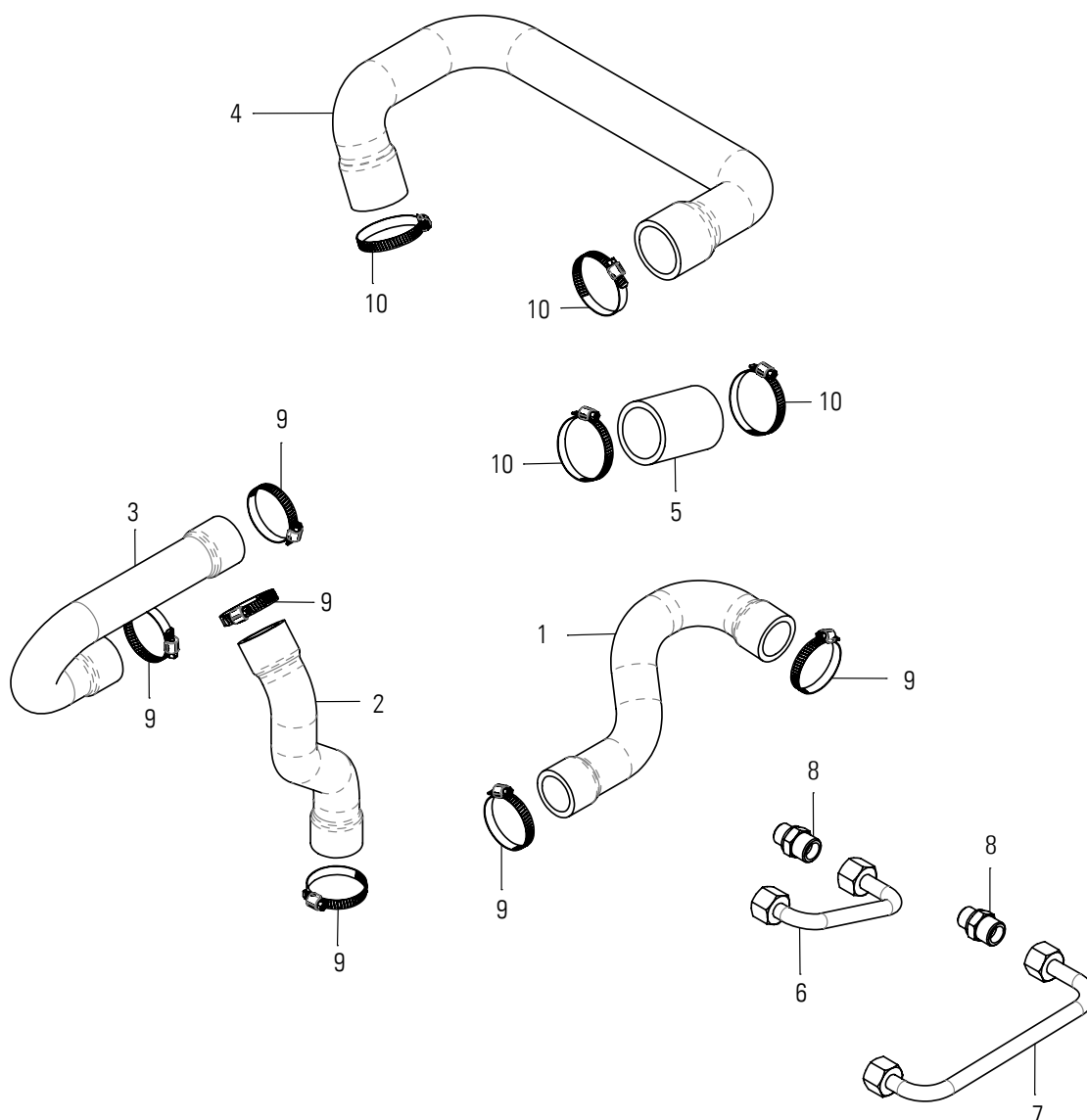
MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90040	HOSE	
	2	1	AA.480.90041	HOSE	
	3	1	AA.480.90042	HOSE	
	4	1	AA.480.90043	HOSE	
	5	1	AA.480.90044	HOSE	
	6	1	AA.480.90035	OIL COOLER PIPE IN	
	7	1	AA.480.90036	OIL COOLER PIPE OUT	
	8	1	AA.480.90441	2 nos ADAPTER 3/8"	
	9	1	AA.480.90442	6 nos HOSE CLAMP (Ø25 - Ø40)	
HYUNDAI PARTS	10	1	AA.480.90443	4 nos HOSE CLAMP (Ø35 - Ø50)	
ELECTRONICS					

SPARE PARTS

CM4.65 / CM4.80

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1.7 HOSES



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



1.8 RAW WATER PUMP

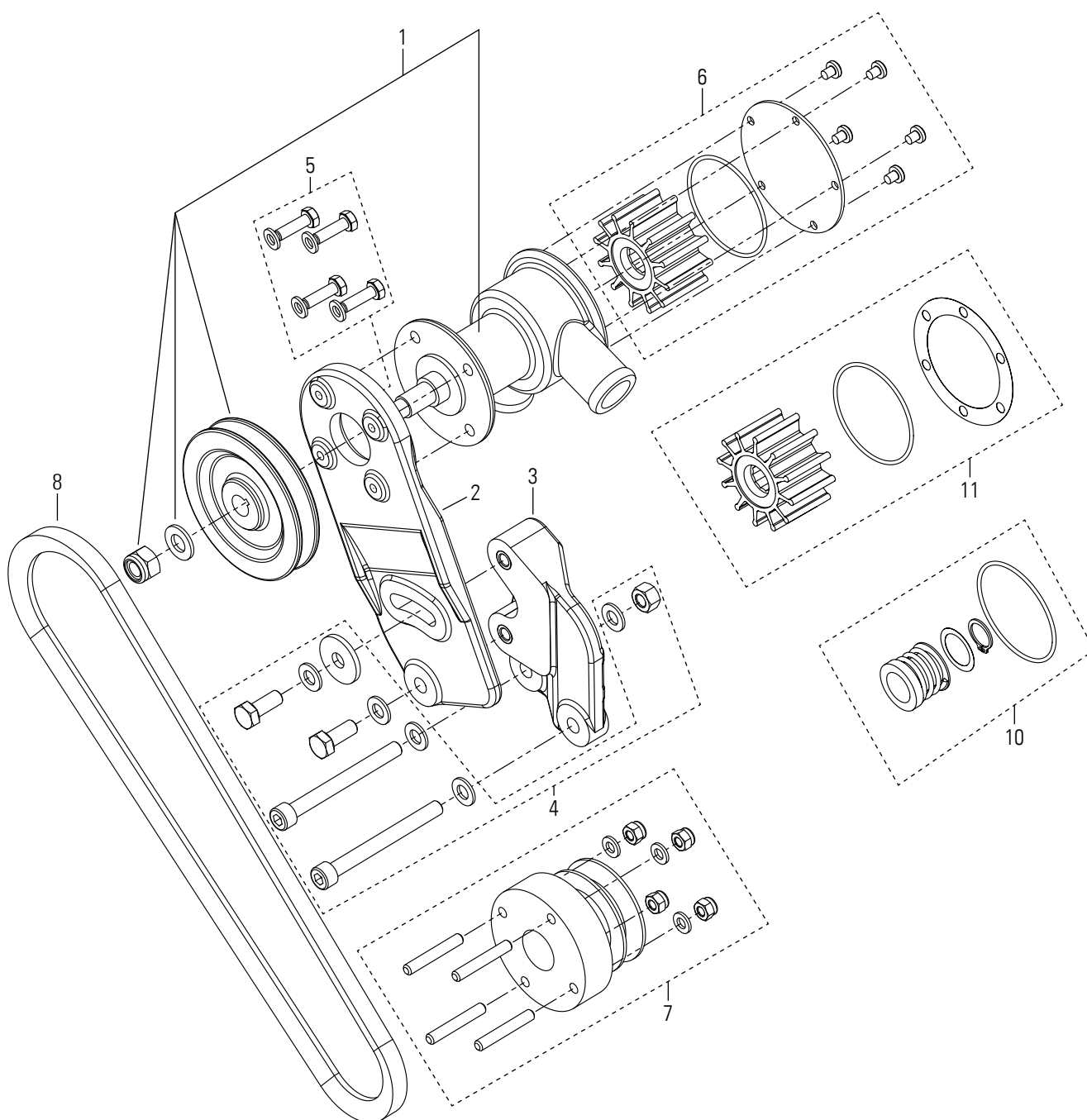
MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90020	RAW WATER PUMP	FOR LIP SEAL COMPLETE
	1	1	AA.480.90022	RAW WATER PUMP	FOR MECHANICAL SEAL COMPLETE
	2	1	AA.480.90096	SUPPORT	
	3	1	AA.480.90097	MOUNTING SUPPORT	
	4	1	AA.480.90444	MOUNTING SET	
	5	1	AA.480.90445	4 nos BOLT WITH WASHER	
		1	AA.480.90088	SERVICE KIT: IMPELLER, SEAL, GASKET	FOR LIP SEAL COMPLETE
	6	1	AA.480.90413	SERVICE KIT: IMPELLER, O-RING, END COVER, SCREWS	FOR MECHANICAL SEAL COMPLETE
	7	1	AA.480.90463	V-BELT PULLEY SET FOR RAW WATER PUMP	
HYUNDAI PARTS	8	1	AA.480.90014	V-BELT CM4.65/80 SEA WATER PUMP (5 nos)	
	10	1	AA.480.90412	SEAL KIT: MECH SEAL, WASHER, O-RING, CIRCLIP	FOR MECHANICAL SEAL COMPLETE
	11	1	AA.480.90021	IMPELLER KIT	
ELECTRONICS					

SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

1.8 RAW WATER PUMP



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

CM4.65 / CM4.80

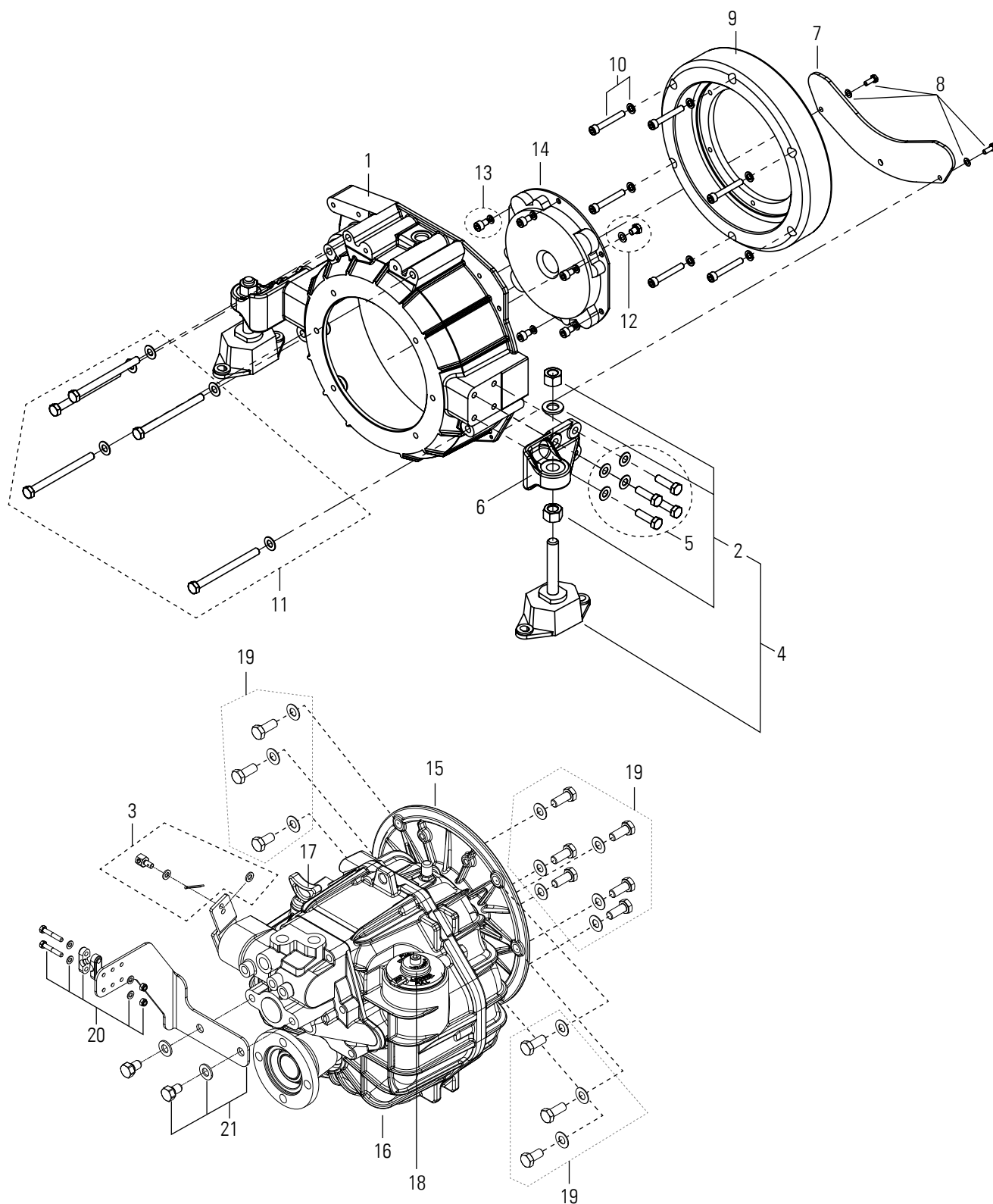
MARINISATION PARTS

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CM4.65 / CM4.80

Craftsman
MARINE

1.9 FLYWHEEL HOUSING



MARINISATION PARTS

SPARE PARTS

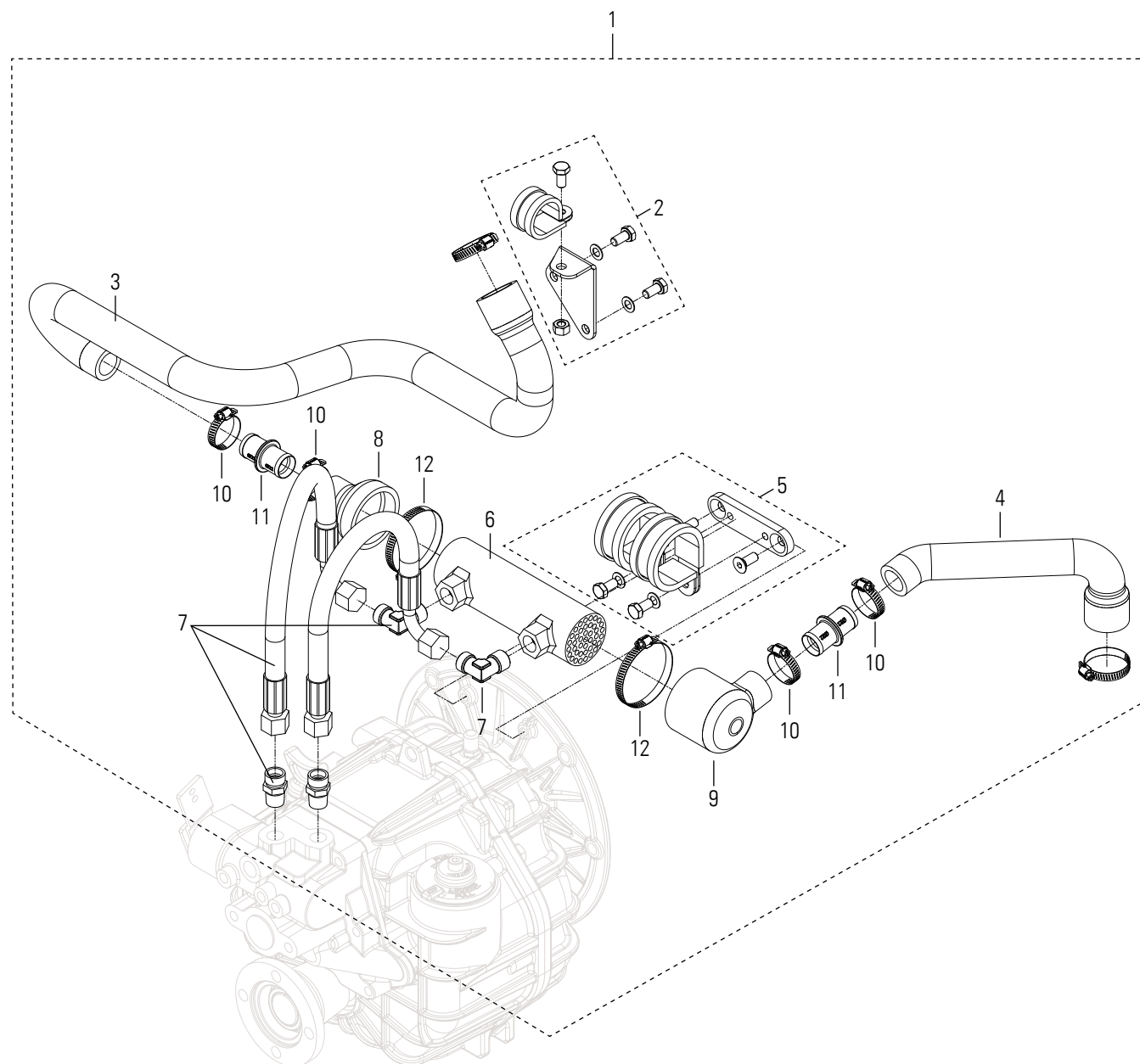
CM4.65 / CM4.80



1.10 OIL COOLER KIT

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.010.20020	OIL COOLER SET CM4.65/CM4.80	
	2	1	AA.480.90456	MOUNTING SET OILCOOLER HOSE	
	3	1	AA.480.00005	HOSE GB-OC TO HEAT EXCHANGER	
	4	1	AA.480.00004	HOSE ENGINE-OIL COOLER TO GB-OIL COOLER	
	5	1	AA.480.90457	MOUNTING SET OILCOOLER	
	6	1	AA.010.00015	OIL COOLER	
	7	1	AA.010.00014	HOSE SET OC (2 nos HOSE, 4 nos NIPPLE)	
	8	1	AA.480.90458	OIL COOLER END CAP, STRAIGHT	
	9	1	AA.480.90459	OIL COOLER END CAP, ANGLED	
	10	1	AA.480.90460	4 nos HOSE CLAMP (12mm 20-32)	
	11	2	GB.050.22222	HOSE CONNECTOR Ø22	
	12	1	AA.480.90471	2 nos HOSE CLAMP (9mm 40-60)	
	13	1	AA.300.90136	CABLE CLAMP SET	
	14	1	AA.480.90471	2 nos HOSE CLAMP (9mm 40-60)	
HYUNDAI PARTS					
ELECTRONICS					

1.10 OIL COOLER KIT



Gearbox not included.

CM4.65 / CM4.80

HYUNDAI PARTS

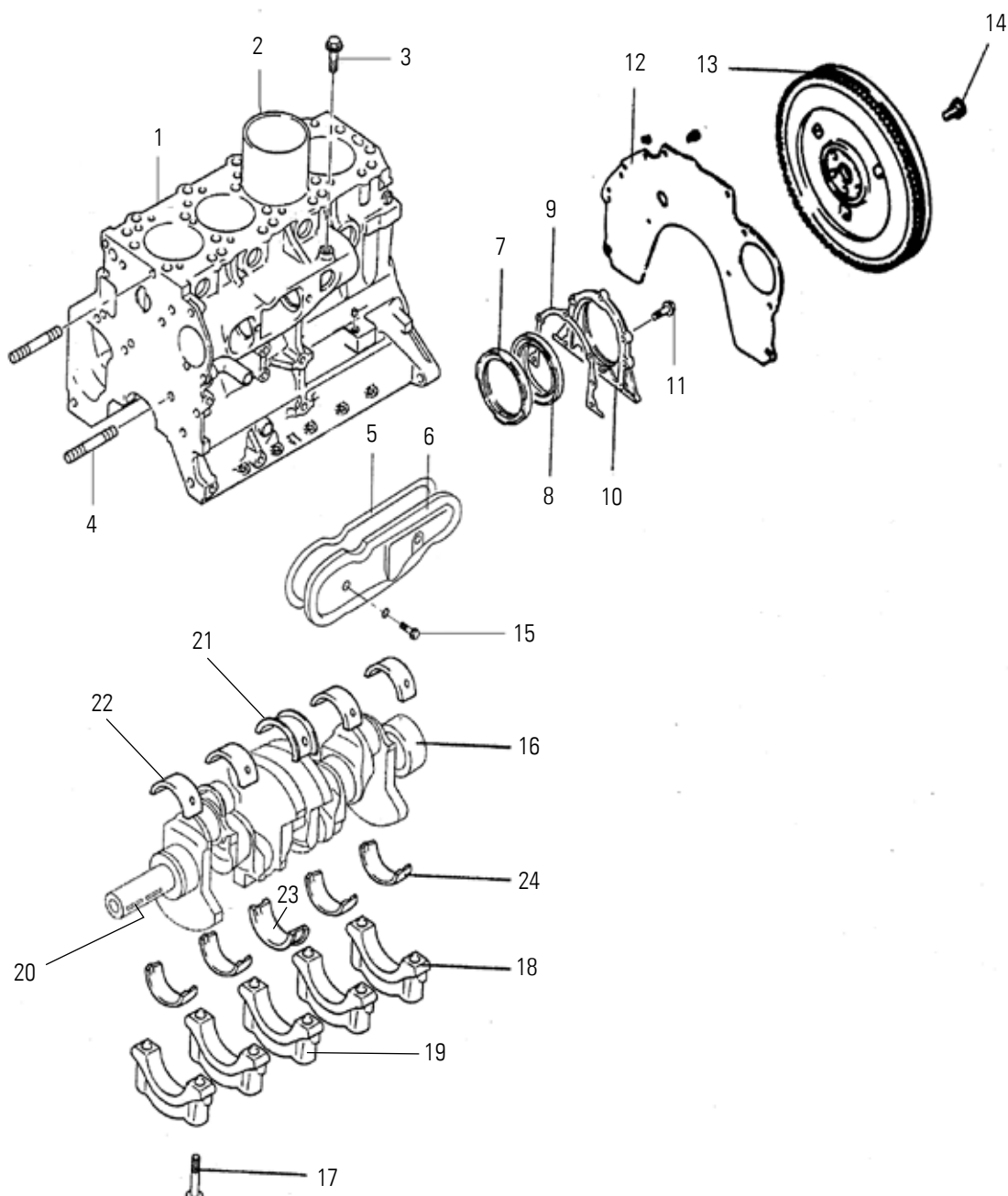
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SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.1 CRANK CASE & FLYWHEEL



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

CM4.65 / CM4.80

2.2 PISTON

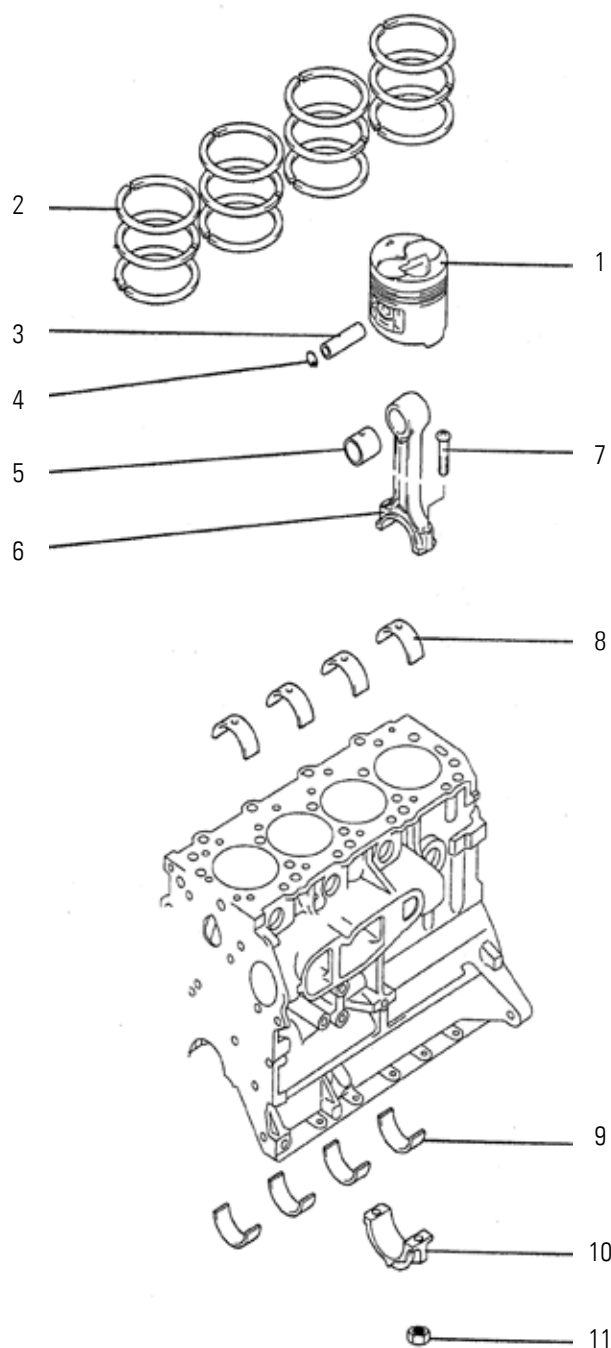
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SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.2 PISTON



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

CM4.65 / CM4.80

HYUNDAI PARTS

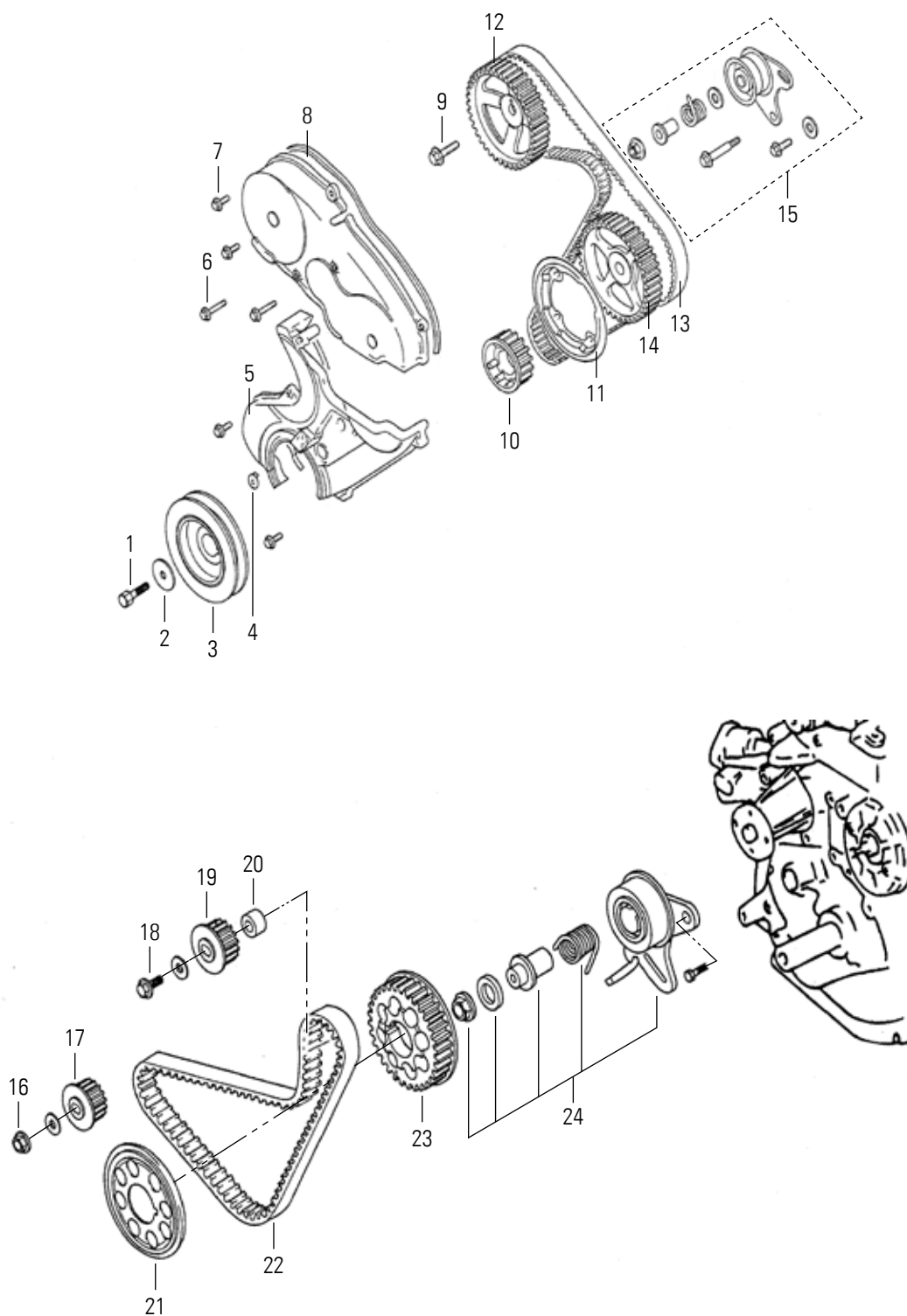
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SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.3 TIMING GEAR



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

CM4.65 / CM4.80

HYUNDAI PARTS

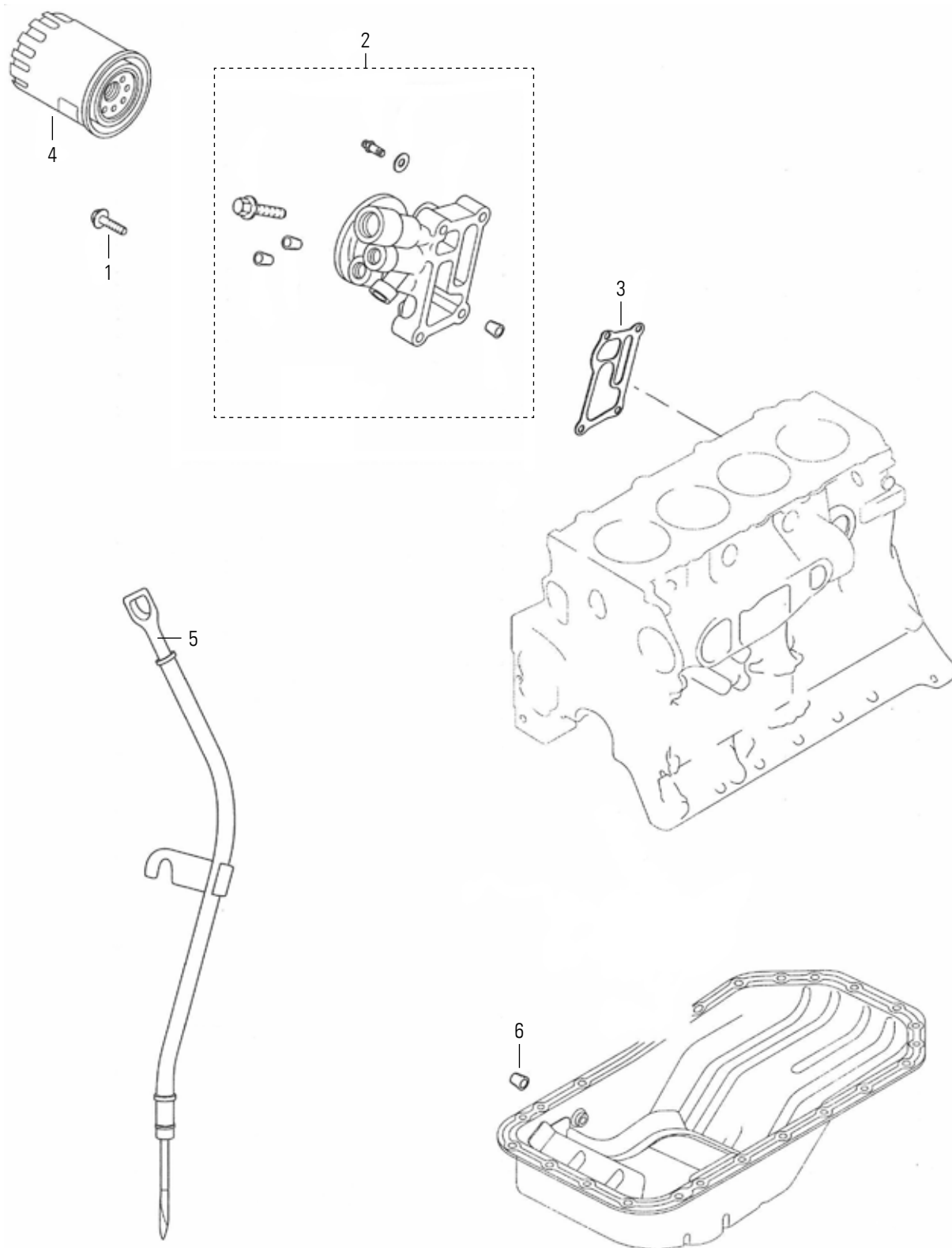
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SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.4 OIL SUMP



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



2.5 OIL PUMP

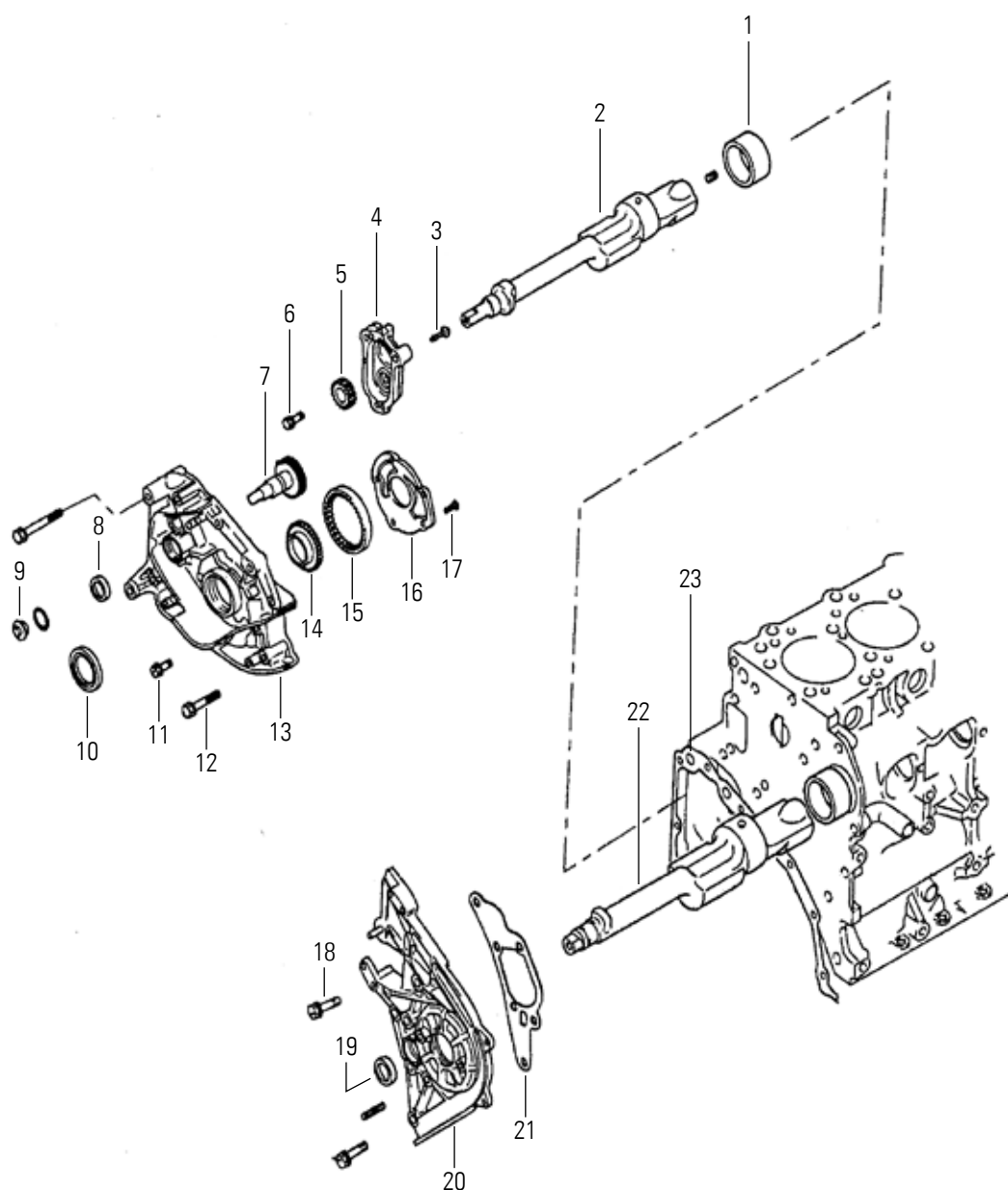
	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	1	AA.480.90220	BEARING, REAR	
	2	1	AA.480.90221	SILENT SHAFT, RIGHT	
	3	1	AA.480.90222	BOLT W/WASHER M8X35	
	4	1	AA.480.90223	GEAR COVER	
	5	1	AA.480.90224	SHAFT DRIVEN GEAR BALANCE	
	6	1	AA.480.90196	BOLT W/WASHER M8X12-10T	
	7	1	AA.480.90225	SHAFT DRIVEN GEAR BALANCE	
	8	1	AA.480.90226	OILSEAL	
	9	1	AA.480.90227	PLUG	
HYUNDAI PARTS	10	1	AA.480.90228	OIL SEAL	
	11	2	AA.480.90229	BOLT W/WASHER M8X25	
	12	1	AA.480.90230	BOLT W/WASHER M8X90	
	13	1	AA.480.90231	OIL PUMP CASE	
	14	1	AA.480.90232	OIL PUMP INNER GEAR	
	15	1	AA.480.90233	OIL PUMP OUTER GEAR	
	16	1	AA.480.90234	COVER OIL PUMP	
	17	6	AA.480.90235	M/SCREW	
	18	2	AA.480.90236	BOLT W/WASHER M8X35	
ELECTRONICS	19	1	AA.480.90226	OILSEAL	
	20	1	AA.480.90237	FRONT UPPER CASE ASSY	
	21	1	AA.480.90238	GASKET FRONT UPPER CASE	
	22	1	AA.480.90239	SILENT SHAFT, LEFT	
	23	1	AA.480.90240	FRONT COVER GASKET UPPER	

SPARE PARTS

CM4.65 / CM4.80

Craftsman
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2.5 OIL PUMP



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

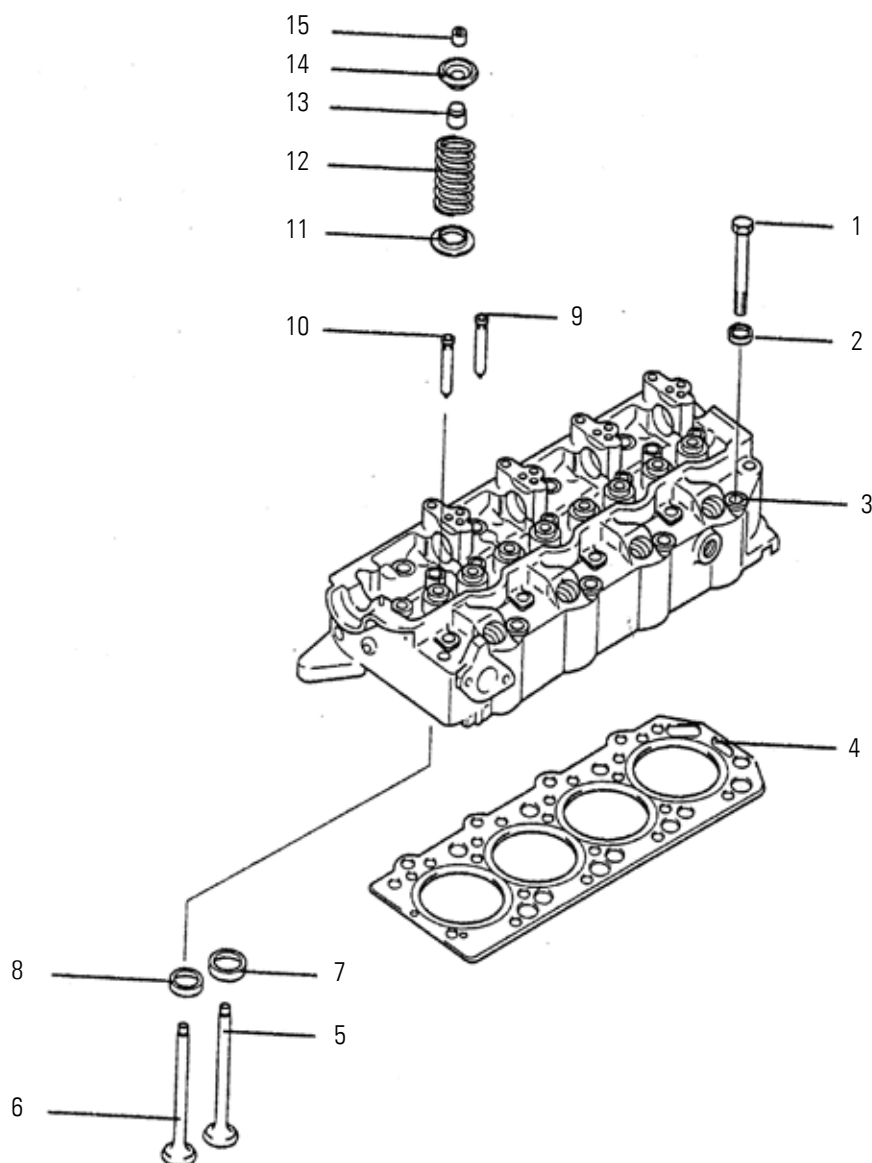
CM4.65 / CM4.80



2.6 CYLINDER HEAD & VALVE

	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	18	AA.480.90241	BOLT CYLINDER HEAD	
	2	18	AA.480.90242	WASHER CYLINDER HEAD	
	3	1	AA.480.90243	CYLINDER HEAD	
	4	1	AA.480.90244	CYLINDER HEAD GASKET	
	5	4	AA.480.90245	EXHAUST VALVE	
	6	4	AA.480.90246	INLET VALVE	
	7	4	AA.480.90247	EXHAUST VALVE SEAT	
	8	4	AA.480.90248	INLET VALVE SEAT	
	9	4	AA.480.90249	INTAKE VALVE GUIDE	
HYUNDAI PARTS	10	4	AA.480.90250	EXHAUST VALVE GUIDE	
	11	8	AA.480.90251	SPRING SEAT	
	12	8	AA.480.90252	SPRING	
	13	8	AA.480.90253	VALVE STEM SEAL	
	14	8	AA.480.90254	VALVE SPRING RETAINER	
	15	8	AA.480.90255	VALVE SPRING RETAINER LOCK	
ELECTRONICS					

2.6 CYLINDER HEAD & VALVE

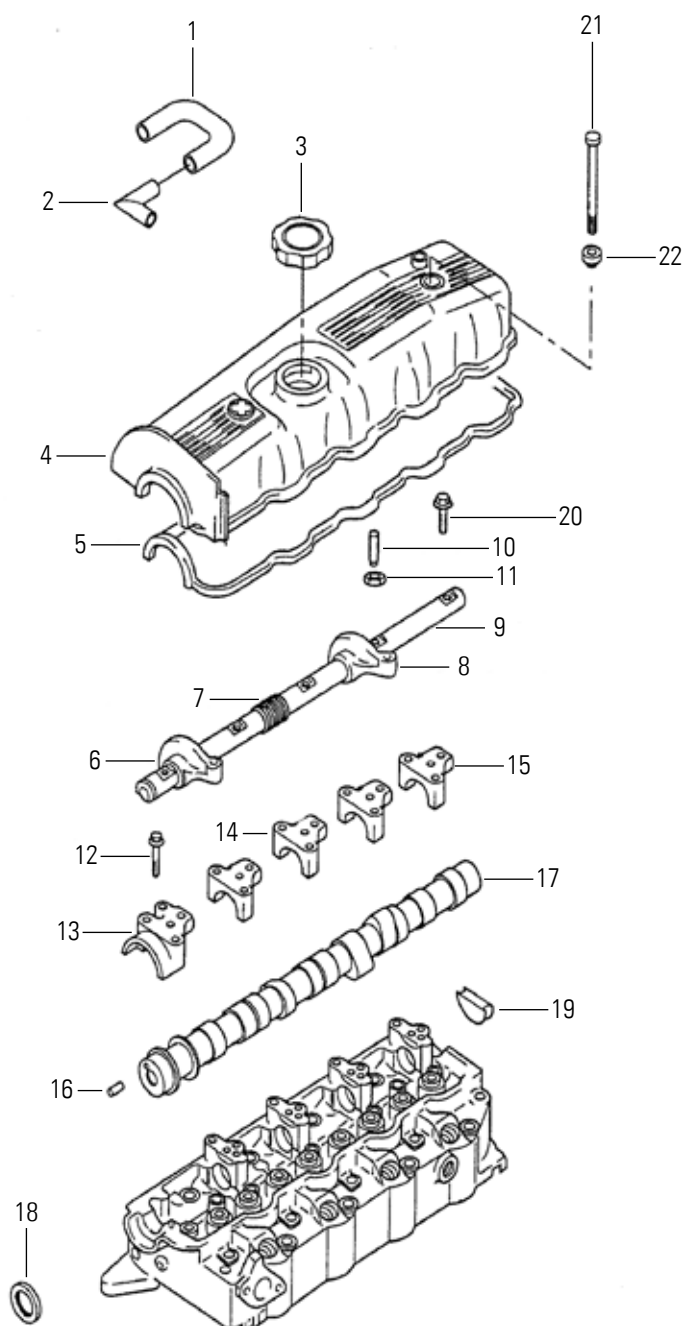


CM4.65 / CM4.80

HYUNDAI PARTS

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2.7 CAMSHAFT & ROCKER ARM



SPARE PARTS

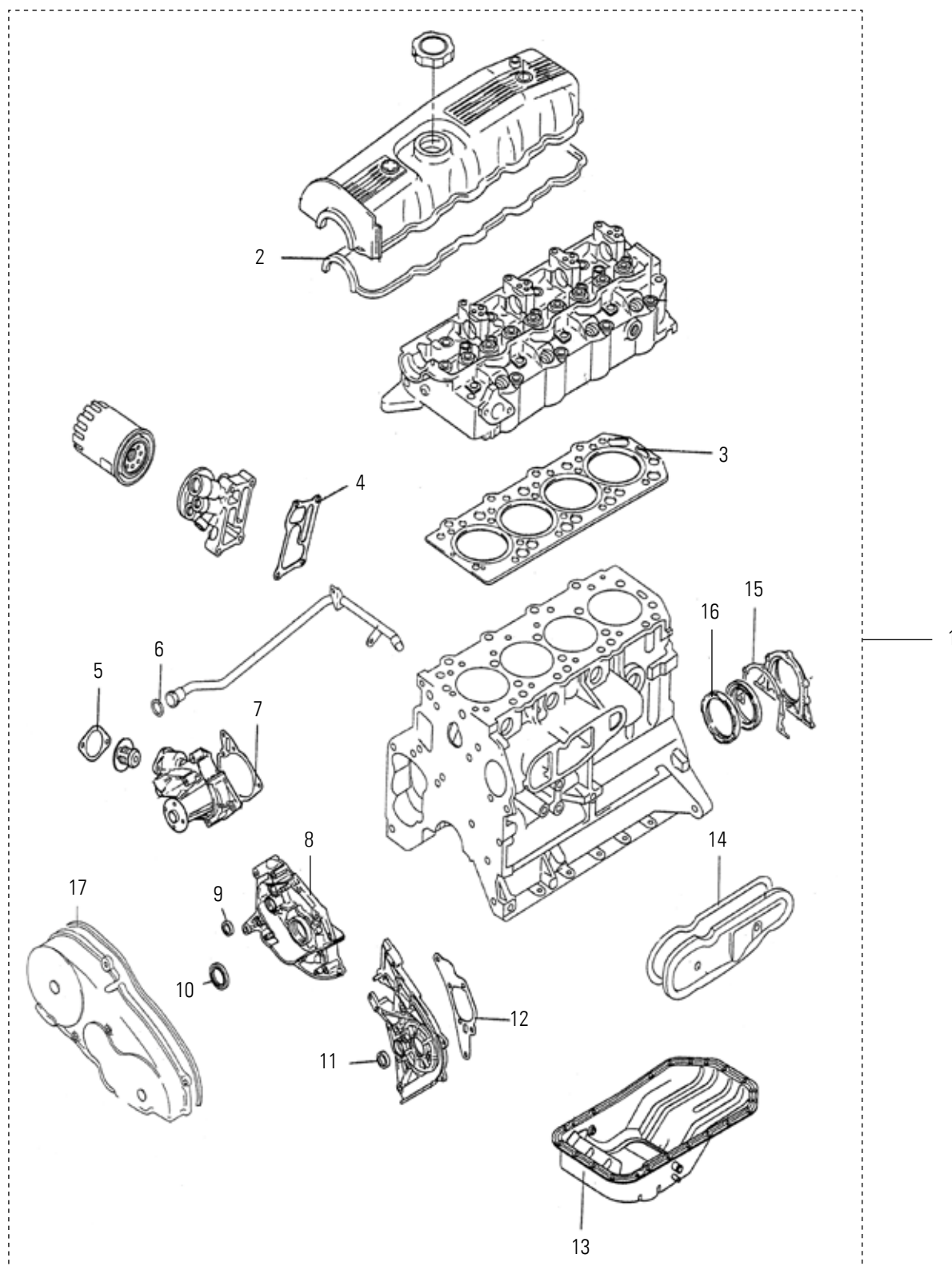
CM4.65 / CM4.80



2.8 GASKET KIT

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90272	GASKET KIT	
	2	1	AA.480.90273	ROCKER COVER GASKET	
	3	1	AA.480.90274	CYLINDER HEAD GASKET	
	4	1	AA.480.90275	OIL FILTER HSG GASKET	
	5	1	AA.480.90276	THERMOSTAT GASKET	
	6	1	AA.480.90277	O-RING	
	7	1	AA.480.90278	WATER PUMP GASKET	
	8	1	AA.480.90279	FRONT COVER GASKET UPPER	
	9	1	AA.480.90226	OIL SEAL	
	10	1	AA.480.90228	OIL SEAL	
	11	1	AA.480.90226	OIL SEAL	
	12	1	AA.480.90280	FRONT LOWER CASE GASKET LOWER	
	13	1	*	LIQUID GASKET, OILPAN	
	14	1	*	LIQUID GASKET, INLET	
	15	1	AA.480.90282	OIL SEAL CASE GASKET	
HYUNDAI PARTS	16	1	AA.480.90283	OIL SEAL	
	17	1	AA.480.90284	TIMING BELT COVER GASKET	
ELECTRONICS					

2.8 GASKET KIT



SPARE PARTS

CM4.65 / CM4.80



2.9 CIRCULATION PUMP & THERMOSTAT

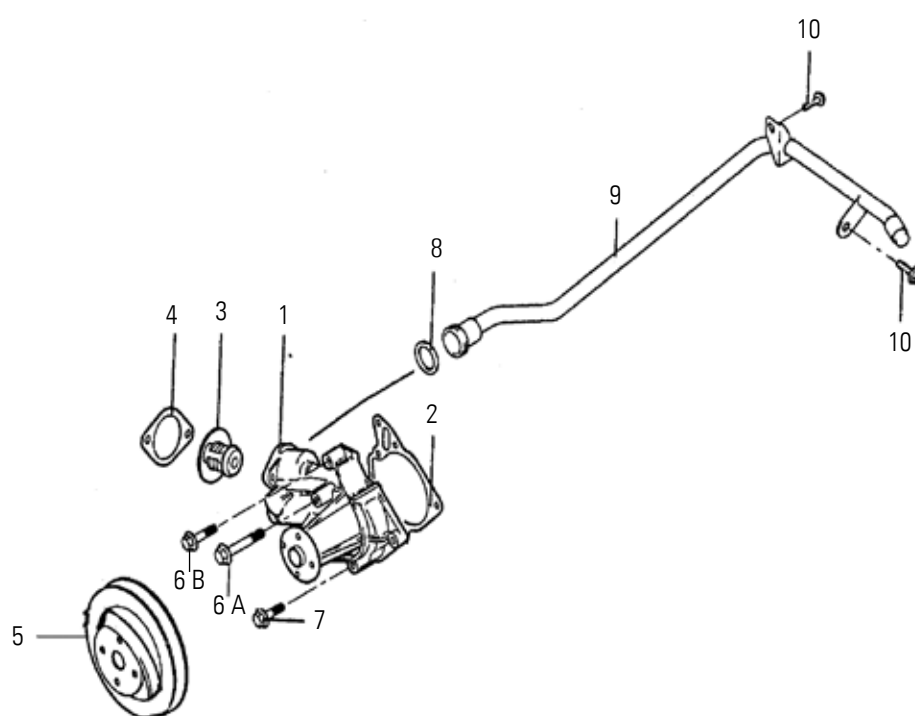
MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90285	WATER PUMP	
	2	1	AA.480.90286	GASKET WATERPUMP	
	3	1	AA.480.90287	THERMOSTAT	
	4	1	AA.480.90288	GASKET THERMOSTAT	
	5	1	AA.480.90289	PULLEY	
	6A	1	AA.480.90290	BOLT	
	6B	1	AA.480.90291	BOLT	
	7	2	AA.480.90229	BOLT	
	8	1	AA.480.90292	O-RING	
HYUNDAI PARTS	9	1	AA.480.90293	WATER INLET PIPE	
	10	2	AA.480.90294	BOLT	
ELECTRONICS					

SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.9 CIRCULATION PUMP & THERMOSTAT



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



2.10 FUEL SYSTEM

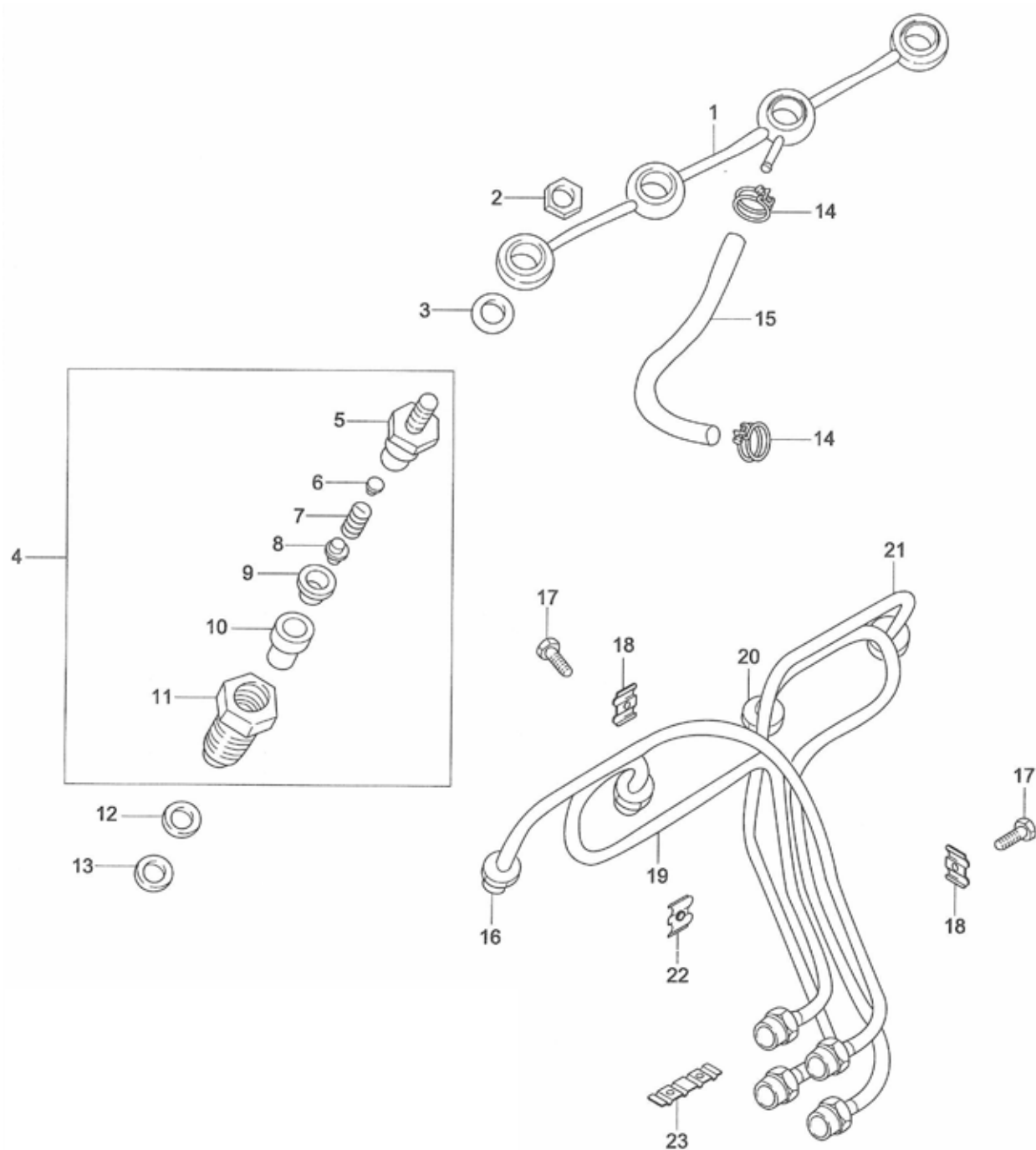
	Pos.	Qty	Part	Description	Comment
MARINISATION PARTS	1	1	AA.480.90295	FUEL RETURN PIPE	
	2	4	AA.480.90296	NUT (12X1.5)	
	3	4	AA.480.90297	FUEL RETURN PIPE GASKET	
	4	4	AA.480.90298	INJECTION NOZZLE & HOLDER ASSY	
	5	*	*	NOZZLE BODY & HOLDER	
	6	*	*	SHIM	
	7	*	*	NOZZLE SPRING	
	8	*	*	SPRING SEAT	
	9	*	*	SPACER	
HYUNDAI PARTS	10	*	*	NOZZLE ASSY	
	11	*	*	RETAINING NUT	
	12	4	AA.480.90299	HOLDER GASKET	
	13	4	AA.480.90300	NOZZLE GASKET	
	14	2	AA.480.90301	HOSE CLIP	
	15	1	AA.480.90302	FUEL HOSE (170)	
	16	1	AA.480.90303	INJECTION PIPE (NO.1)	
	17	4	AA.480.90304	BOLT	
	18	4	AA.480.90305	CLAMP (A)	
ELECTRONICS	19	1	AA.480.90306	INJECTION PIPE (NO.2)	
	20	1	AA.480.90307	INJECTION PIPE (NO.3)	
	21	1	AA.480.90308	INJECTION PIPE (NO.4)	
	22	2	AA.480.90309	CLAMP (B)	
	23	1	AA.480.90310	CLAMP (C)	

SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.10 FUEL SYSTEM



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

CM4.65 / CM4.80



2.11 FUEL PUMP

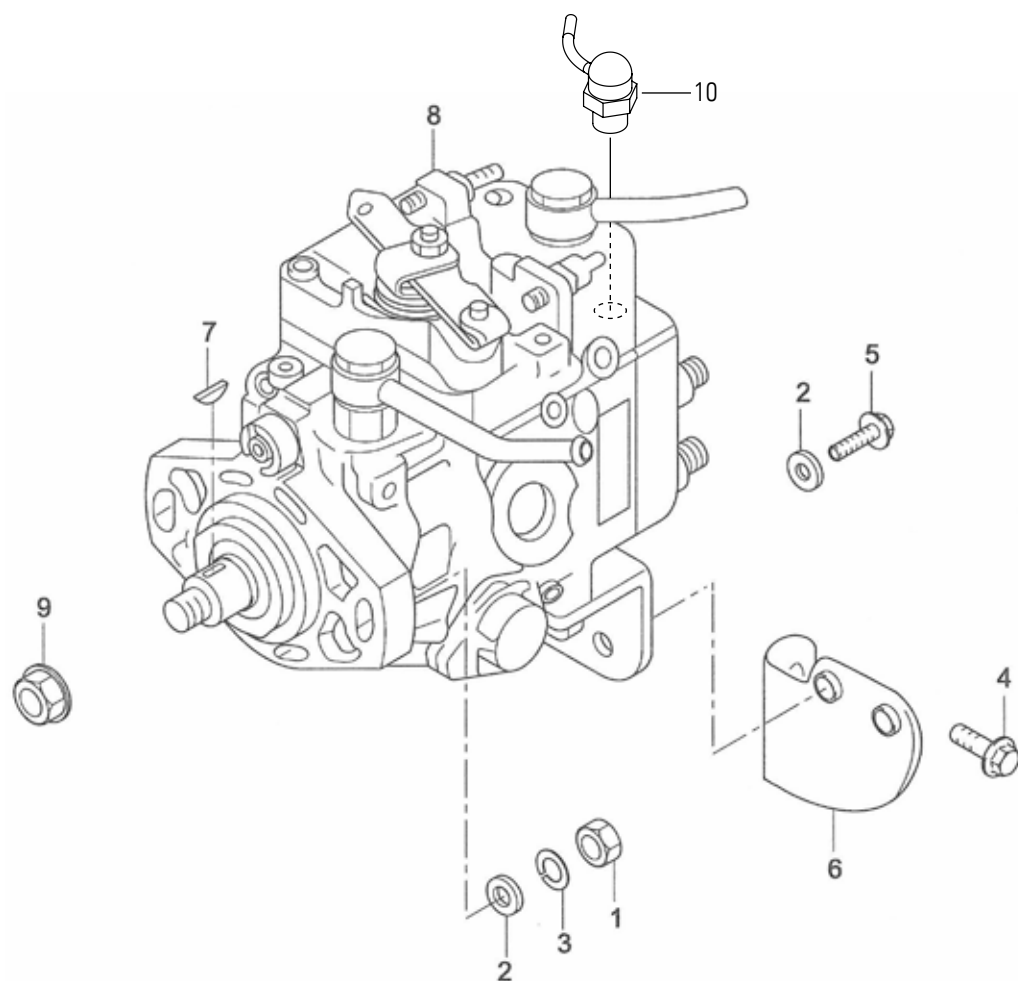
MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	2	AA.480.90311	NUT	
	2	4	AA.480.90312	SPECIAL WASHER	
	3	2	AA.480.90313	SPRING WASHER	
	4	2	AA.480.90314	BOLT W/WASHER	
	5	2	AA.480.90315	BOLT W/WASHER	
	6	1	AA.480.90316	INJECTION PUMP BRACKET	
	7	1	AA.480.90317	WOODRUFF KEY	
	8	1	AA.480.90318	INJECTION PUMP ASSY	
	9	1	AA.480.90319	FLANGE NUT	
HYUNDAI PARTS	10	1	AA.480.90472	STOP SOLENOID	
ELECTRONICS					

SPARE PARTS

CM4.65 / CM4.80

Craftsman
MARINE

2.11 FUEL PUMP



MARINISATION PARTS

HYUNDAI PARTS

ELECTRONICS

SPARE PARTS

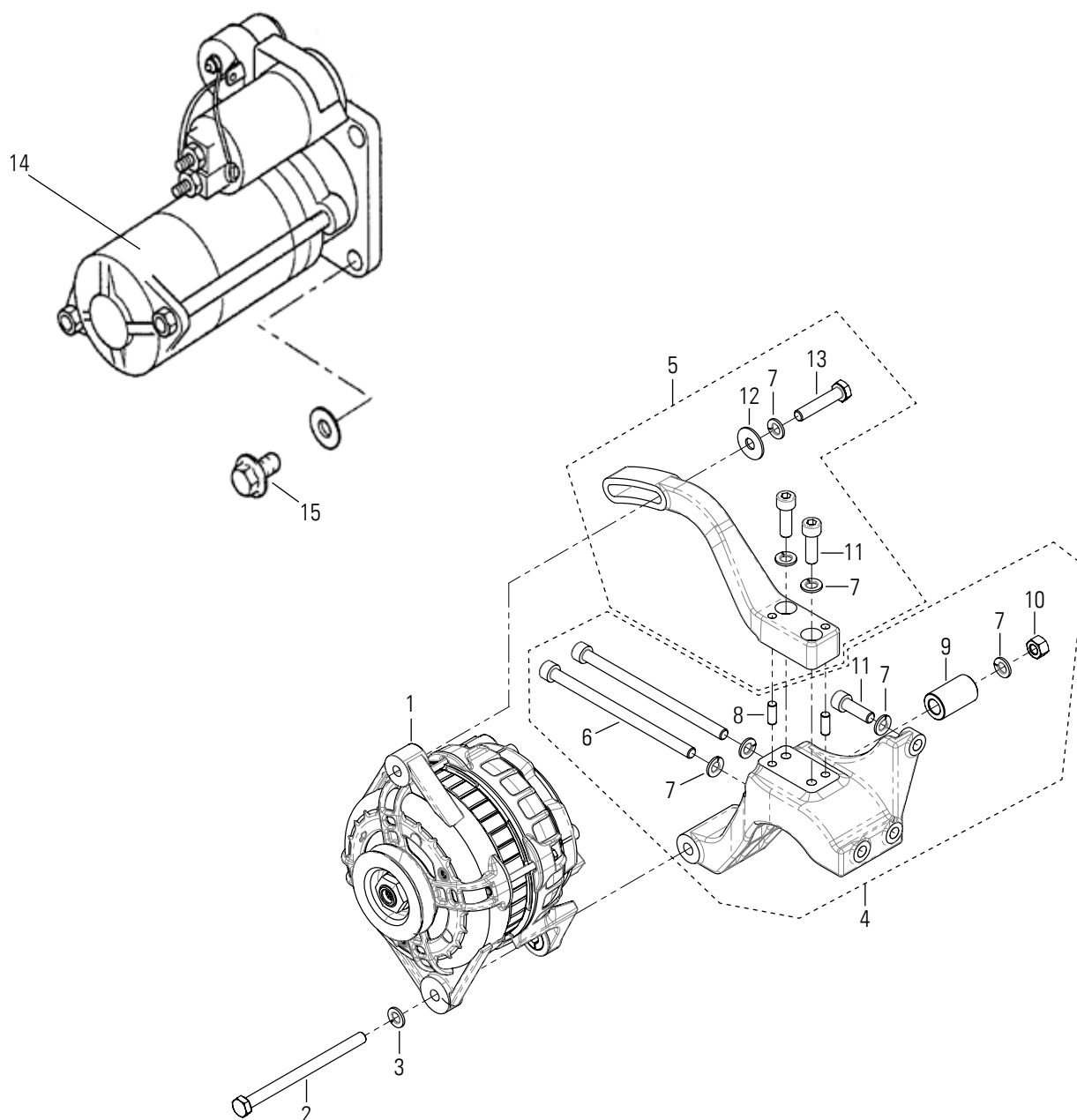
CM4.65 / CM4.80



3.1 ALTERNATOR & STARTER

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.480.90320	ALTERNATOR ASSY	
	2	1	AA.480.90321	BOLT M8X120	
	3	1	AA.300.90068	WASHER M8	
	4	1	AA.480.90322	SUPPORT ASSY	
	5	1	AA.480.90323	TENSIONING BRACKET ASSY	
	6	2	*	HEX SOCKET BOLT M8X110	
	7	7	*	SPRING WASHER M8	
	8	2	*	Ø6 X 16 DOWEL PIN	
	9	1	AA.480.90326	BUSH	
	10	1	*	NUT M8	
	11	3	*	HEX SOCKET BOLT M8X25	
	12	1	*	WASHER Ø8.5 X Ø24 X 1.5	
	13	1	*	BOLT M8X40	
	14	1	AA.480.90329	STARTER ASSY	
HYUNDAI PARTS	15	1	AA.300.90067	BOLT M8x40	
ELECTRONICS					

3.1 ALTERNATOR & STARTER



SPARE PARTS

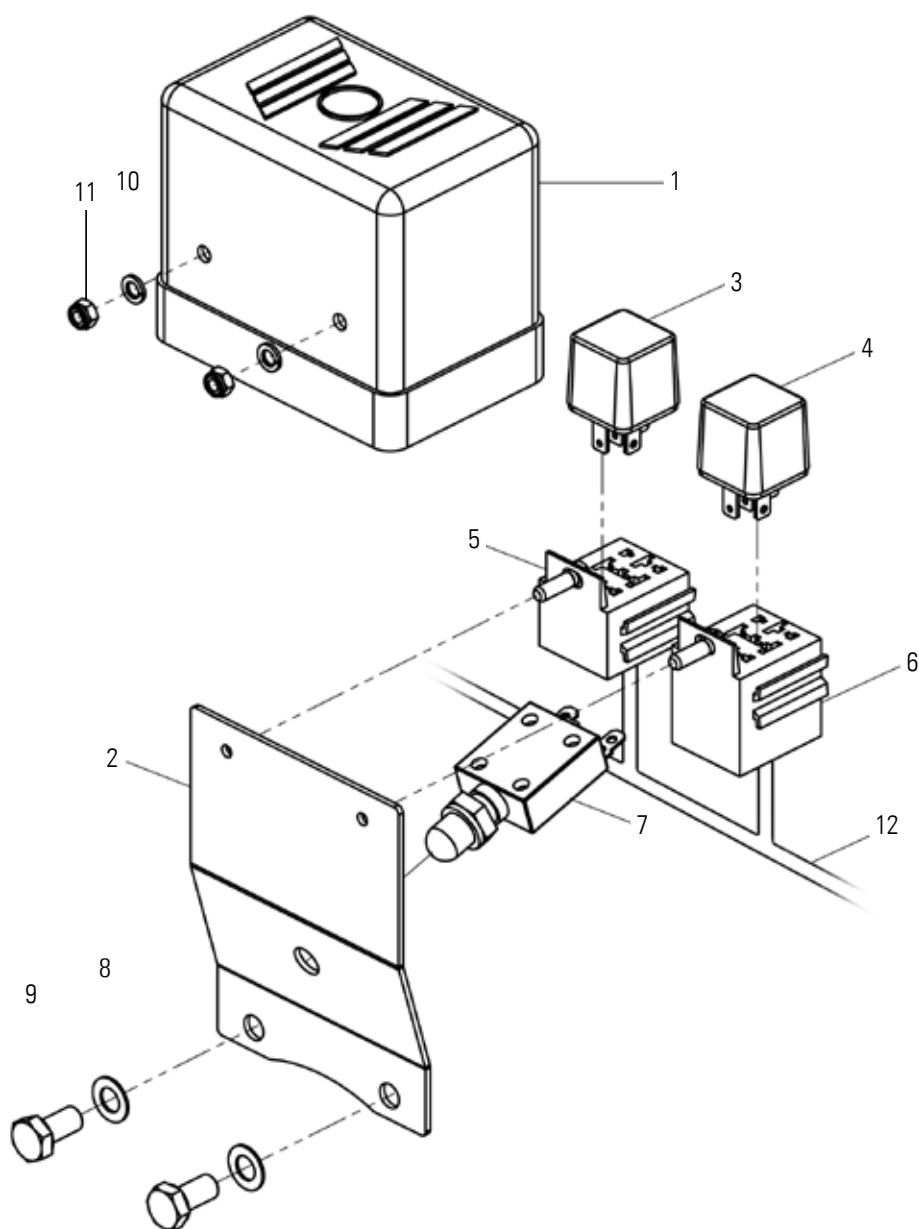
CM4.65 / CM4.80



3.2 TERMINAL BOX

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	1	AA.010.00005	TERMINAL BOX COVER	
	2	1	AA.010.00011	MOUNTING BRACKET	
	3	1	AA.010.00006	RELAY A 12V 70Amp	
	4	1	AA.010.00007	RELAY B 12V 40Amp	
	5	1	*	RELAY SOCKET A	IN WIRING LOOM ASSY
	6	1	*	RELAY SOCKET B	IN WIRING LOOM ASSY
	7	1	AA.010.00010	CIRCUIT BREAKER 10Amp	
	8	2	AA.300.90068	WASHER M8	
	9	2	AA.300.90144	BOLT M8X16	
	10	2	AA.300.90156	PENNY WASHER M5	
	11	2	AA.300.90135	LOCKING NUT M5	
HYUNDAI PARTS	12	1	AA.480.90473	ENGINE WIRING LOOM ASSY	NOT SHOWN
ELECTRONICS					

3.2 TERMINAL BOX



SPARE PARTS

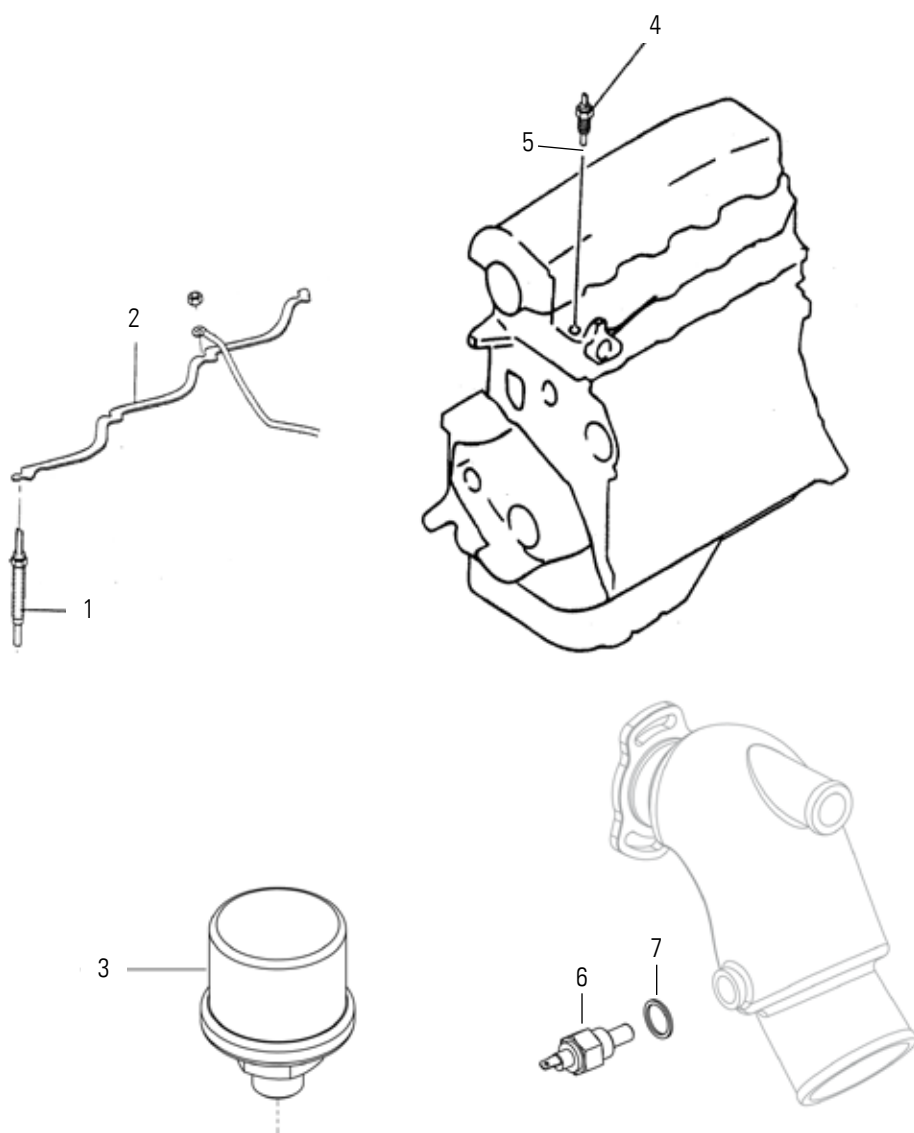
CM4.65 / CM4.80



3.3 SENSORS

MARINISATION PARTS	Pos.	Qty	Part	Description	Comment
	1	4	AA.480.90330	GLOW PLUG	
	2	1	AA.480.90331	PLATE, GLOW PLUG	
	3	1	DB.020.20001	OILPRESSURE SENSOR	
	4	1	DB.020.20002	TEMP SWITCH/SENSOR 105C/40-120C M16X1.5	
	5	1	AA.300.91181	25 nos SEAL WASHER M16	
	6	1	DB.020.20004	THERMOSWITCH 75°C M18x1,5 RAW WATER	
HYUNDAI PARTS	7	1	AA.300.90098	25 nos SEAL WASHER M18	
ELECTRONICS					

3.3 SENSORS



SPARE PARTS

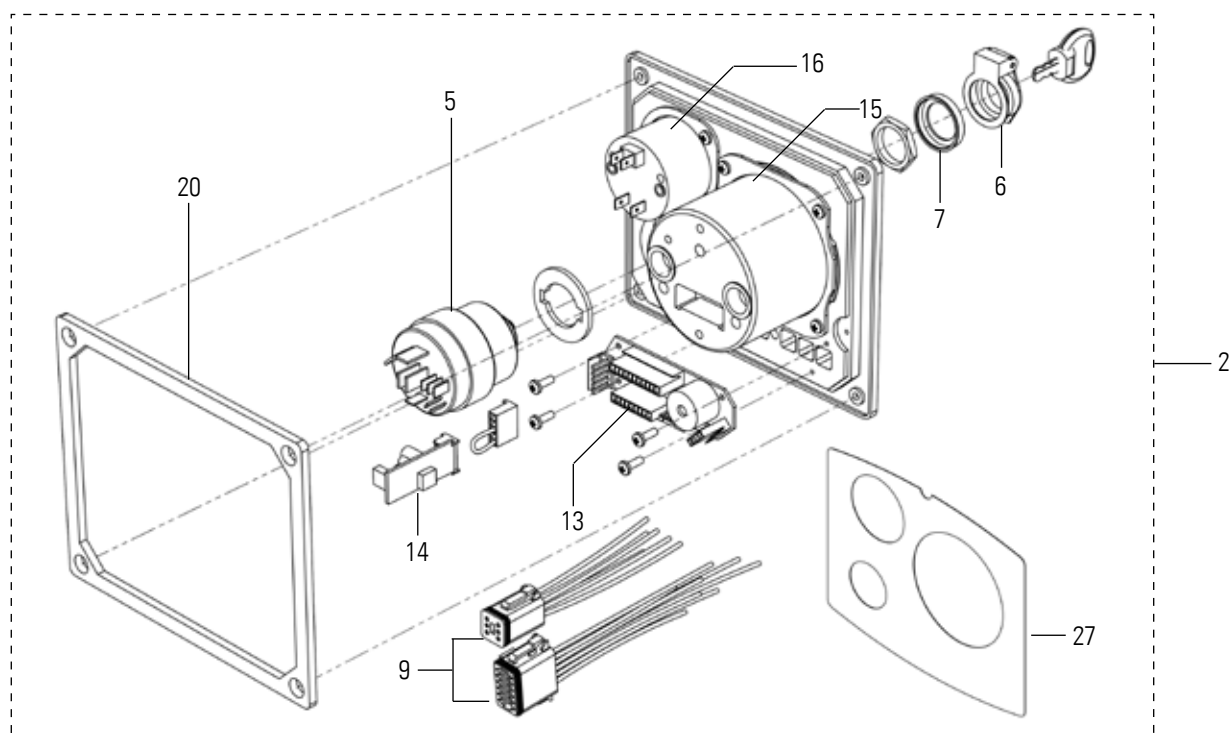
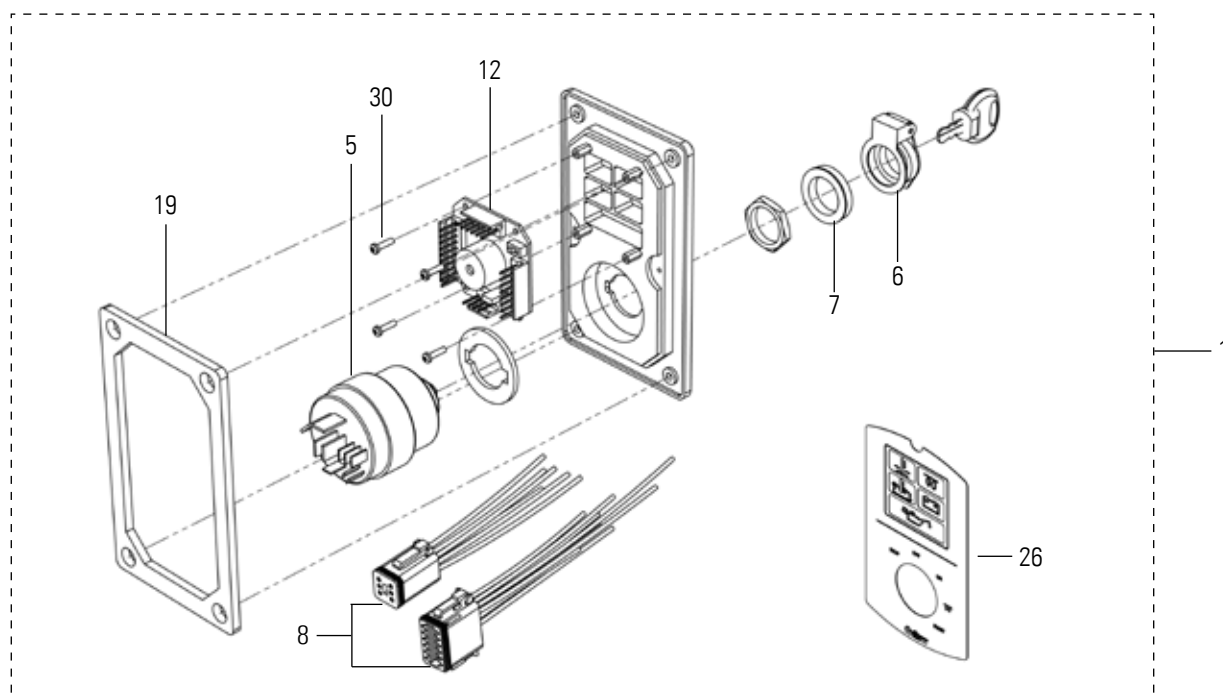
CM4.65 / CM4.80



3.4 INSTRUMENT PANEL

Pos.	Qty	Part	Description	Comment
1	1	AB.010.20000	ALFA 10E ENGINE PANEL COMPLETE	
2	1	AB.020.20000	ALFA 20E ENGINE PANEL COMPLETE	
3	1	AB.030.20000	ALFA 30E ENGINE PANEL COMPLETE	
4	1	AB.040.20000	ALFA 40E ENGINE PANEL COMPLETE	
5	1	AB.010.90001	IGNITION SWITCH COMPLETE	
6	1	AB.010.90002	DUSTCOVER	
7	1	AB.010.90003	CAP	
8	1	AB.010.00002	WIRING LOOM ALFA 10E	
9	1	AB.020.00002	WIRING LOOM ALFA 20E	
10	1	AB.030.00002	WIRING LOOM ALFA 30E	
11	1	AB.040.00002	WIRING LOOM ALFA 40E	NOT SHOWN
12	1	AB.010.00003	PCB ALFA 10E	
13	1	AB.020.00003	PCB ALFA 20E/ALFA 30E/ALFA 40E	
14	1	AB.020.20002	DIMMER PCB	
15	1	DB.010.20001	TACHOMETER, BLACK	
	1	DB.010.21001	TACHOMETER, WHITE	
16	1	DB.010.20004	VOLTMETER, BLACK	
	1	DB.010.21004	VOLTMETER, WHITE	
17	1	DB.010.20003	TEMPERATURE GAUGE, BLACK	
	1	DB.010.21003	TEMPERATURE GAUGE, WHITE	
18	1	DB.010.20002	OIL PRESSURE GAUGE, BLACK	
	1	DB.010.21002	OIL PRESSURE GAUGE, WHITE	
19	1	AB.010.00001	GASKET ALFA 10E	
20	1	AB.020.00001	GASKET ALFA 20E	
21	1	AB.030.00001	GASKET ALFA 30E	
22	1	AB.040.00001	GASKET ALFA 40E	
23	1	AA.300.90149	MOUNTING SET ALFA 10/20/30	NOT SHOWN
24	1	AA.300.90150	MOUNTING SET ALFA 40	
25	1	AB.040.90005	FRONT STICKER ALFA 40	
26	1	AB.010.90005	FRONT STICKER ALFA 10	
27	1	AB.020.90005	FRONT STICKER ALFA 20	
28	1	AB.030.90005	FRONT STICKER ALFA 30	
		AB.020.90000	STOPPER 52mm	
		AB.020.90001	STOPPER 85mm	
		AB.010.90004	ALUM.PANEL AFA10E INCL. STICKER	
		AB.020.90004	ALUM.PANEL AFA20E INCL. STICKER	
		AB.030.90004	ALUM.PANEL AFA30E INCL. STICKER	
		AB.040.90004	ALUM.PANEL AFA40E INCL. STICKER	
		DB.010.90002	BULB (RPM METER)	
		DB.010.90004	BULB (52mm GAUGES)	
		DB.010.90001	DOUBLE GLASS + GASKET (RPM METER)	
		DB.010.90003	DOUBLE GLASS + GASKET (52mm GAUGES)	
		AB.010.90010	PANEL COVER ALFA10E	
		AB.020.90010	PANEL COVER ALFA20E	
		AB.030.90010	PANEL COVER ALFA30E	

3.4 INSTRUMENT PANEL



SPARE PARTS

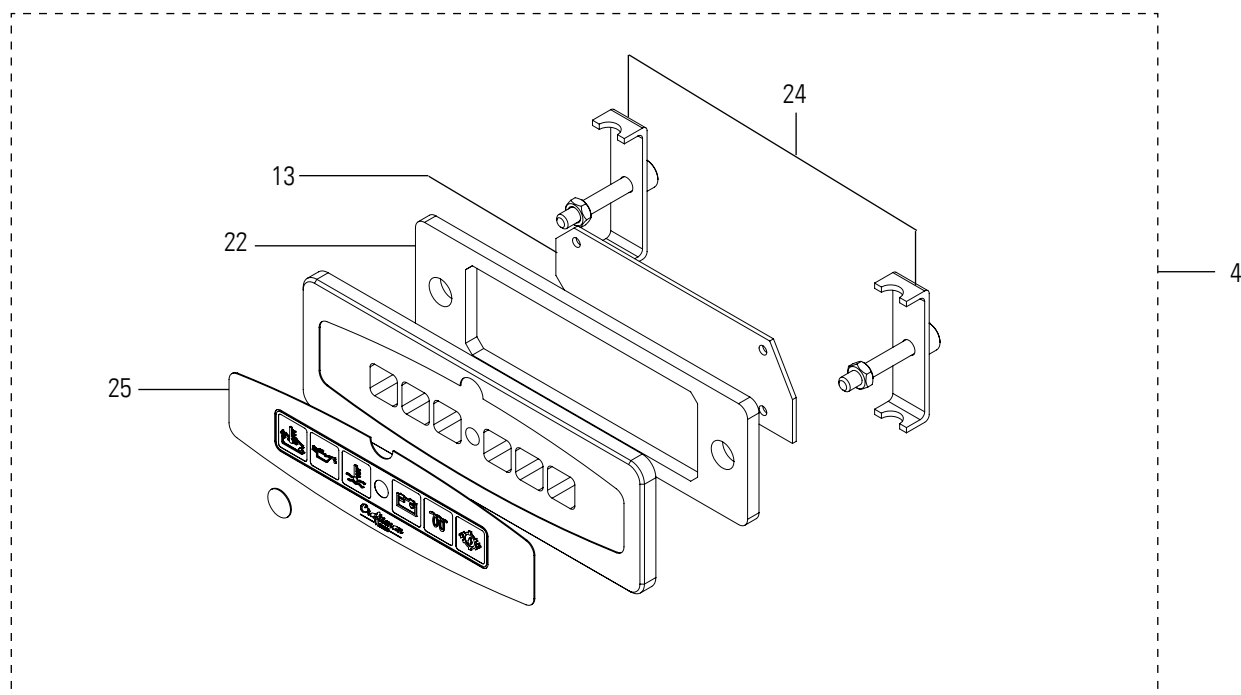
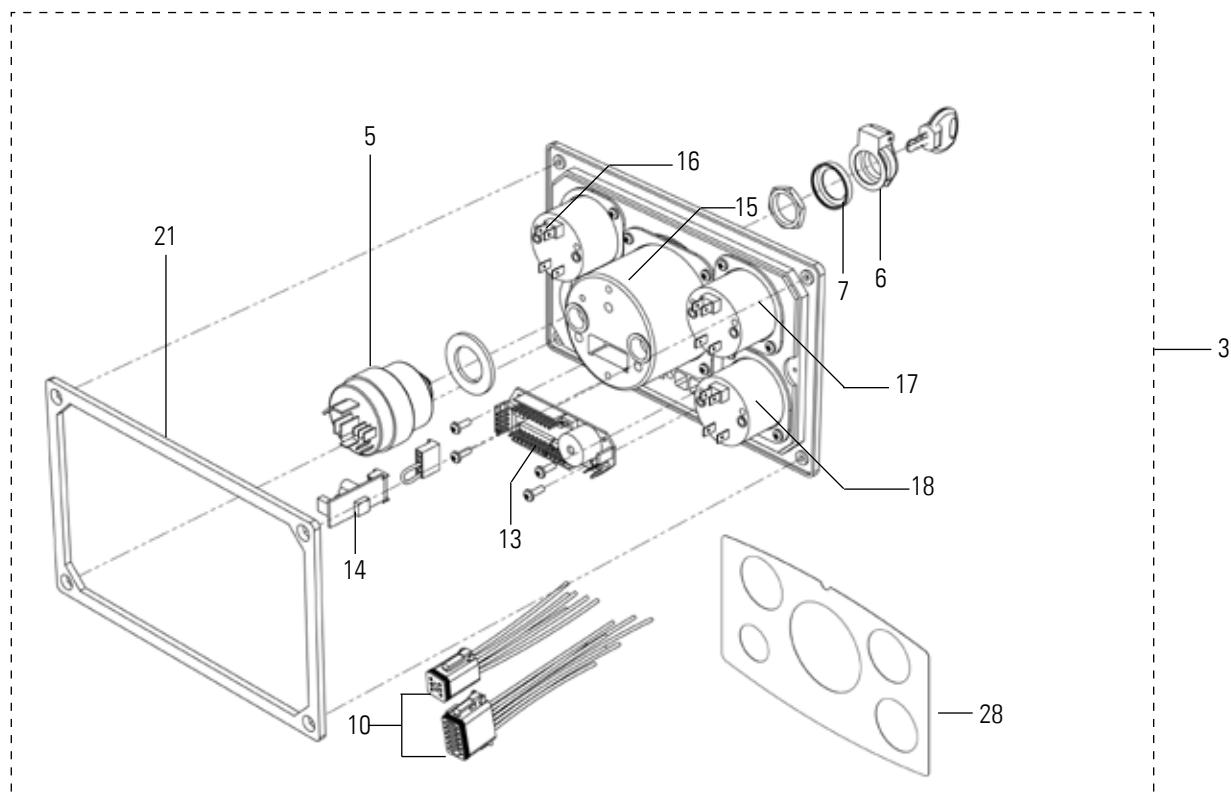
CM4.65 / CM4.80



3.4 INSTRUMENT PANEL

Pos.	Qty	Part	Description	Comment
1	1	AB.010.20000	ALFA 10E ENGINE PANEL COMPLETE	
2	1	AB.020.20000	ALFA 20E ENGINE PANEL COMPLETE	
3	1	AB.030.20000	ALFA 30E ENGINE PANEL COMPLETE	
4	1	AB.040.20000	ALFA 40E ENGINE PANEL COMPLETE	
5	1	AB.010.90001	IGNITION SWITCH COMPLETE	
6	1	AB.010.90002	DUSTCOVER	
7	1	AB.010.90003	CAP	
8	1	AB.010.00002	WIRING LOOM ALFA 10E	
9	1	AB.020.00002	WIRING LOOM ALFA 20E	
10	1	AB.030.00002	WIRING LOOM ALFA 30E	
11	1	AB.040.00002	WIRING LOOM ALFA 40E	NOT SHOWN
12	1	AB.010.00003	PCB ALFA 10E	
13	1	AB.020.00003	PCB ALFA 20E/ALFA 30E/ALFA 40E	
14	1	AB.020.20002	DIMMER PCB	
15	1	DB.010.20001	TACHOMETER, BLACK	
	1	DB.010.21001	TACHOMETER, WHITE	
16	1	DB.010.20004	VOLTMETER, BLACK	
	1	DB.010.21004	VOLTMETER, WHITE	
17	1	DB.010.20003	TEMPERATURE GAUGE, BLACK	
	1	DB.010.21003	TEMPERATURE GAUGE, WHITE	
18	1	DB.010.20002	OIL PRESSURE GAUGE, BLACK	
	1	DB.010.21002	OIL PRESSURE GAUGE, WHITE	
19	1	AB.010.00001	GASKET ALFA 10E	
20	1	AB.020.00001	GASKET ALFA 20E	
21	1	AB.030.00001	GASKET ALFA 30E	
22	1	AB.040.00001	GASKET ALFA 40E	
23	1	AA.300.90149	MOUNTING SET ALFA 10/20/30	NOT SHOWN
24	1	AA.300.90150	MOUNTING SET ALFA 40	
25	1	AB.040.90005	FRONT STICKER ALFA 40	
26	1	AB.010.90005	FRONT STICKER ALFA 10	
27	1	AB.020.90005	FRONT STICKER ALFA 20	
28	1	AB.030.90005	FRONT STICKER ALFA 30	
		AB.020.90000	STOPPER 52mm	
		AB.020.90001	STOPPER 85mm	
		AB.010.90004	ALUM.PANEL AFA10E INCL. STICKER	
		AB.020.90004	ALUM.PANEL AFA20E INCL. STICKER	
		AB.030.90004	ALUM.PANEL AFA30E INCL. STICKER	
		AB.040.90004	ALUM.PANEL AFA40E INCL. STICKER	
		DB.010.90002	BULB (RPM METER)	
		DB.010.90004	BULB (52mm GAUGES)	
		DB.010.90001	DOUBLE GLASS + GASKET (RPM METER)	
		DB.010.90003	DOUBLE GLASS + GASKET (52mm GAUGES)	
		AB.010.90010	PANEL COVER ALFA10E	
		AB.020.90010	PANEL COVER ALFA20E	
		AB.030.90010	PANEL COVER ALFA30E	

3.4 INSTRUMENT PANEL



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