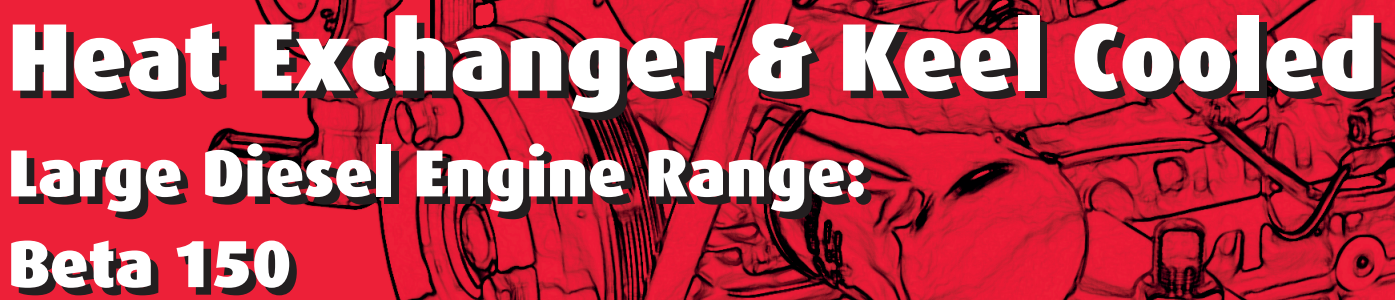


Illustrated Parts List



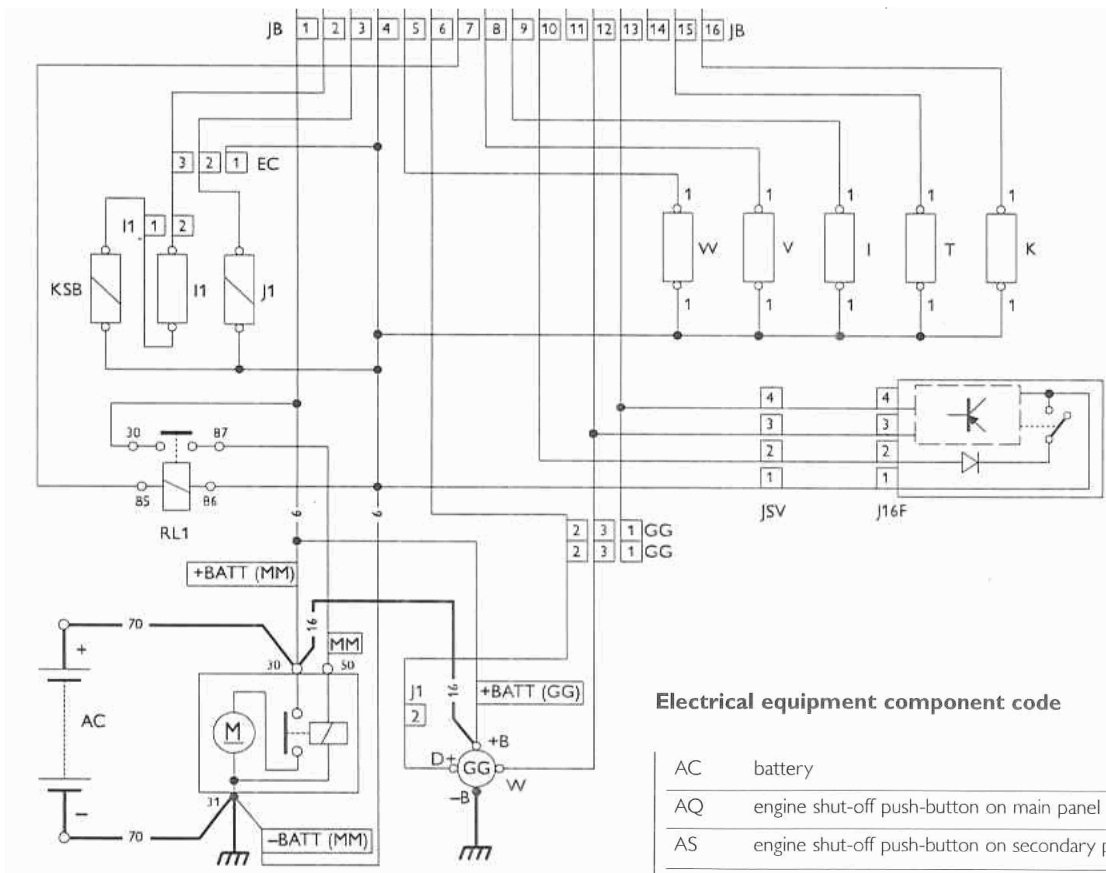
Genuine Spares

Fast Moving Parts Listing

Beta 150

Description		Part Number	Qty per Engine
Thermostat		259-01554	1
Fuel Filter		261-01132	1
Fuel Pre-Filter element		261-01626	1
Air Filter Element	To April 2019	211-08037/E	1
	From April 2019	261-21460	
Lubricating Oil Filter		261-01133	1
Sea Water pump (Heat exchange engines)	Sea water pump	257-01628	1
	Impeller	207-10709	1
	Service kit	257-00706	1
	Lip seal	207-06377	1
	Mechanical seal	207-08295	1
Flexible engine mount		213-02646/02	4
Wet exhaust elbow (heat exchange engines)		202-08954	1
Drive Plate (to suit PRM 500 & PRM 750)		206-09654	1
Fuel solenoid (12V standard)		200-07432	2
Fuel solenoid (12V insulated)		250-10887	
Fuel solenoid (24V energise to run)		250-08059	
First alternator standard drive-belt		214-03096	1
First alternator –standard 12V 90A		250-07690	1
First alternator –insulated 12V 90A		250-10885	
First alternator –standard 24V 70A		250-07691	
First alternator –insulated 24V 70A		250-10649	
Starter motor –standard 12V		200-06761	1
Starter motor –insulated 12V		250-10886	
Starter motor –standard 24V		250-08057	
Starter motor –insulated 24V		250-10650	
Control Panel standard Key – (Silver)		600-00058/01	a pair
Control Panel standard Key Switch		600-00057/01	1

Description	Part Number	Qty per Engine
Control Panel Stop Button	200-00072	1
Tachometer 0-3000rpm with digital hour counter	200-02373/03	1
Water temperature switch Gauge (C panels only)	200-96200	1
Oil pressure switch Gauge (C panels only)	200-96190	1
Voltmeter (C panels only) (12V)	200-96210	1
Voltmeter (C panels only) (24V)	200-96210/24	
Green power on indicator lamp & retaining clip (12V)	200-04656	1
Green power on indicator lamp & retaining clip (24V)	200-04656/24	
Red warning indicator lamp & retaining clip (12V)	200-04657	3 or 4
Red warning indicator lamp & retaining clip (24V)	200-04657/24	
Alarm – 12V panels	200-04655	1
Alarm – 24V panels	200-99433/24	
Relay 12 Volt 40A (28Ra) fitted to rear of panels	200-87020	1
Relay 24 Volt 20A (28Ra) fitted to rear of panels	200-87020/01	
Standard Engine Harness	250-10043	1
Control panel adaptor assembly (engine harness –control panel)	200-09874	1
1 Metre control panel extension loom	200-04588/01	1
2 Metre control panel extension loom	200-04588/02	
3 Metre control panel extension loom	200-04588/03	
4 Metre control panel extension loom	200-04588/04	
Water Temperature Sender (Panel C only, 1/8" BSP)	200-08248	1
Oil Pressure Sender (Panel C only, 1/8" BSP)	200-94350	1
Installation kits		
Expansion tank (as supplied with new engine)	262-10851	1
Water inlet kit	AK/MID/HE/6e/001	1
Wet exhaust kit (no waterlock, please add as below if required)	AK/B115/HE/6B/001	1
Waterlock silencer	AK/B115/HE/6C/001	1
Flexible fuel pipes	AK/SML/6g/001	1
Battery leads, 1.5m long -one black & one red	200-96160/V3/1.5	1
Manuals		
Workshop Manual	271-21852	1
Fast moving parts list	221-10916	1



Electrical equipment component code

AC	battery
AQ	engine shut-off push-button on main panel
AS	engine shut-off push-button on secondary panel
CA	key switch
CS	engine start push-button on secondary panel
D	6 diodes block
D1	Protection diode (on the main board)
GG	alternator
I	high coolant temperature sensor (for alarm)
I1	KSB refrigerating liquid temperature sensor
J1	engine stop solenoid valve
J1	alternator excitation
K	air filter clogging sensor (for alarm)
KSB	cold injection advance adjustment device
MA	alarms management module
MM	electric starter motor
QP	main analog instrument panel
QS	secondary analog instrument panel
SA	buzzer
T	coolant temperature sensor (for gauge)
V	oil pressure sensor (for gauge)
W	low oil pressure sensor (for alarm)
J16F	Engine rotation over speed control module (on request)

N67 MNA M15 FOR MARINE APPLICATIONS

Thermodynamic cycle		Diesel 4 stroke
Aspiration		NA
Arrangement		6L
Bore x Stroke	mm	104 X 132
Total displacement	liters	6.7
Valves per cylinder		2
Cooling		liquid
Direction of rotation (viewed facing flywheel)		CCW
Engine management		mechanical
Injection system		mechanical pump

Electrical system

Voltage	V	12
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Standard configuration

Flywheel housing	type	SAE 3
Flywheel diameter	inch	11 1/2
Air filter		left side
Turbocharger		–
Heat exchanger		tube type
Exhaust cooled elbow		–
Water charge tank		included
Fuel filter	n°	1
Fuel prefilter		included (loose)
Fuel pump		included
Oil filter	n°	1
Oil sump		sheet steel
Oil vapors blow-by circuit		on valve cover
Oil heat exchanger		built in the crankcase
Oil filler		on valve cover
Starter motor		12 V - 3 kW
Alternator		12 V - 90 A with W contact
Engine shut-off		electrical excitation
Wiring harness		engine wiring
Painting	colour	white "ICE"

Not included in the standard configuration

Battery - minimum capacity recommended	180 Ah
Battery - minimum cold cranking capacity recommended	800 CCA

FPT OFFERS THE WIDEST AVAILABILITY OF ENGINE BUILD OPTIONS TO CUSTOMER SPECIFIC REQUIREMENTS WITHIN THE ENGINE SUPPLY. TO FIND OUT MORE ABOUT THE CONFIGURATIONS AND ACCESSORIES WHICH ARE AVAILABLE, CONTACT THE FPT SALES NETWORK.

Notes...

Notes...

BETA MARINE

Beta Marine Limited, Davy Way, Waterwells, Quedgeley, Gloucester, GL2 2AD. UK.

Ref: IPL-221-10916 REV-01 - 0420

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