

3412E MARINE ENGINE

Engine Serial Prefix - 9KS (Build Date - 06/2002, Test Date - 06/2002, Ship Date - 06/2002)

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▼ ENGINE - ENTIRE GROUP (9KS)

<u>Qty.</u>	<u>NPR</u>	<u>Note</u>	<u>Part No.</u>	<u>Change Level</u>	<u>Req. Qty</u>	<u>Part Name</u>
						FEATURE CODES
		I	HPF1000	F	001	1000 BHP (746 BKW) W/O FAN
		I	412DM42	F	001	3412E DITTA MAR PROP-PORT
		I	OILDWL0	F	001	DOUBLE WALL OIL LINES
		I	ELSM LH2	F	001	ELEC START MTR LH 24V
		I	INSRH80	F	001	RH 8 HOLE INSTRUMENT PANEL
		I	LUBOIL3	F	001	LUBRICATING OIL
		I	FULCOL1	F	001	FUEL COOLER
		I	DFFRH00	F	001	DUPLEX FUEL FILTER RH
		I	HPDLHR3	F	001	HYDRAULIC PUMP DRIVE LH REAR
		I	ALT2440	F	001	CHARGING ALTERNATOR 24V 60 AMP
		I	VLTM024	F	001	VOLTMETER GAUGE 24V
		I	CGTPS02	F	001	THROTTLE POSITION SENSOR
		I	PNLIGN2	F	001	PANEL AS-IGNITION
		I	MPD0000	F	001	MARINE POWER DISPLAY SYSTEM
		I	MSKRS09	F	001	KRS ENGINE CERTIFICATION
		I	PBKHCD1	F	001	PARTS BOOK-PAPER + ELECTRONIC
		I	MSMARPR	F	001	MARINE PROPULSION
		I	HIPERFM	F	001	MARINE PROPULSION HI-PERF ENG
		I	3412HUI	F	001	3412 HYD UNIT INJ DIESEL EN
		I	MARINEC	F	001	MARINE INTERMITTENT C RATING
		I	ELECGOV	F	001	CAT ELECTRONIC GOVERNOR
		I	FASTCRF	F	001	FAST CRAFT RATING
		I	2300RPM	F	001	2300 RPM
		I	CSTHEXC	F	001	HEAT EXCHANGER COOLED
		I	PORTSID	F	001	PORT SIDE
		I	SINGENG	F	001	SINGLE ENGINE INSTALLATION

	I	VLT0024	F	001	24 VOLT PART NUMBERS
	I	PP4456	03	001	1000 BHP WOF 2300 RPM MARINE "
	I	PA7098	03	001	3412E DITTA MAR PROP-PORT
	NPR	IY 153-9115	09	001	ENGINE AR
	NPR	IY 3N-6668	05	001	LINES GP-FLEXIBLE FUEL
	NPR	IY 4P-9244	00	001	HEATER GP-JACKET WATER
	I	5P-2506	00	001	LITERATURE GP
	NPR	IY 102-9220	02	001	RECOVERY GP-COOLANT
	NPR	IY 131-8285	05	001	CONTROL GP-START/STOP
	NPR	IY 153-9087	01	001	PUMP GP-AUXILIARY SEA WATER
	NPR	IY 155-8726	03	001	COVER GP-AFTERCOOLER
	NPR	IY 155-8743	00	001	LINES GP-WATER
	NPR	IY 156-6897	05	001	WIRING GP-SENSOR
	NPR	IY 156-6900	04	001	WIRING GP-ENGINE
		IY 156-6907	01	001	LINES GP-WATER
	NPR	IY 164-2028	00	001	AIR CLEANER GP
	NPR	IY 197-8874	00	001	FASTENER GP-FUEL JUNCTION BLK
	I	PA7480	01	001	DOUBLE WALL OIL LINES
	NPR	IY 175-7093	00	001	LINES GP-OIL
	NPR	IY 176-0402	01	001	DRAIN GP-ENGINE OIL
	NPR	IY 4N-1062	10	001	STARTING MOTOR GP-ELECTRIC
	I	PA7100	01	001	8 HOLE INSTRUMENT PANEL - RH
	NPR	IY 168-2502	01	001	MOUNTING GP-INSTRUMENT PANEL
	NPR	IY 168-4420	00	001	PANEL GP-INSTRUMENT
	NPR	IY 155-8735	00	001	MOUNTING GP-CONTROL
	I	0P-9728		001	LUBRICATING OIL
	NPR	IY 164-0459	00	001	COOLER GP-FUEL
	I	PA7509	01	001	DUPLEX FUEL FILTER RH
	NPR	IY 183-6365	01	001	FILTER GP-FUEL
	NPR	IY 184-6905	00	001	LINES GP-FUEL FILTER
	I	PA6505	02	001	HYDRAULIC PUMP DRIVE LH REAR
	NPR	IY 7N-3054	06	001	LINES GP-OIL SUPPLY
	NPR	IY 136-9498	00	001	DRIVE GP-PUMP
	I	PA7011	01	001	ALTERNATOR GP-24V 60 AMP
	NPR	IY 4N-3986	15	001	ALTERNATOR GP-CHARGING

	NPR	IY	141-6175	02	001	CIRCUIT BREAKER GP
	NPR	IY	155-8737	00	001	MOUNTING GP-CIRCUIT BREAKER
	NPR	IY	156-6925	01	001	MOUNTING GP-ALTERNATOR
	NPR	IY	138-3142	00	001	VOLTMETER GP
		I	PA6547	03	001	THROTTLE POSITION SENSOR
	NPR	IY	121-7028	03	001	CONTROL GP-ENGINE ELECTRONIC
		I	PA7865	01	001	PANEL AS-IGNITION
	NPR	IY	217-3865	00	001	PANEL GP-CONTROL
		I	PA7562	03	001	MARINE POWER DISPLAY SYSTEM
	NPR	IY	100-3055	04	001	SENSOR GP-TEMPERATURE
	NPR	IY	118-9476	02	001	ADAPTER GP-SENSOR
	NPR	IY	161-9932	05	001	SENSOR GP-PRESSURE
	NPR	IY	165-0199	01	001	WIRING GP-INSTRUMENT PANEL
	NPR	IY	212-6188	01	001	DISPLAY GP-MONITOR
		I	0P-9560		001	KRS ENGINE CERTIFICATION
		I	0V-1766		001	PARTS BOOK - PAPER & ELECTRONI
		I	0V-1045		001	END USE: MAR PROPULSION
		I	PP4456	03	001	1000 BHP WOF 2300 RPM MARINE "
		I	0K-3958	00	001	746 KW (1000 BHP) @ 2300 RPM
						SHIPPED LOOSE
	NPR	S	0S-1617		001	BOLT
	NPR	S	1P-4278		002	CLAMP-HOSE
	NPR	S	2L-3331		002	CONNECTOR-PIPE
	NPR	S	2N-3323		002	INDICATOR-AIR FILTER CHANGE
	NPR	S	3N-6667		002	HOSE AS
	NPR	S	5P-3860		004	CLAMP-HOSE
	NPR	S	6V-5048		001	SEAL-O-RING
	NPR	S	6V-5049		001	SEAL-O-RING
	NPR	S	7E-8223		002	HOSE
	NPR	S	8C-3681		001	HOSE
	NPR	S	8T-8730		002	SOCKET-CONNECTOR
	NPR	S	9X-0263		001	ADAPTER
	NPR	S	9X-3271		001	ADAPTER
		S	LEBM0189		001	OPERN
		S	LEXM0208		001	IMO TECH FILE (A)
		S	REHS0753		001	WARR REGISTRATION 140010D2(A)

	S	SEBP2563	001	PTS BK 1400 5A1(A)
	S	SEBP2865	001	PTSBK (A)
	S	SEBU6251	001	LUBE
	S	SEBU6984	001	SUPP
	S	SEBU7178	001	OMM (A)
	S	SELF5322	001	WARRANTY
	S	SERP2865	001	PARTS BOOK C.D. (A)
	NPR	S 003-2143	001	ELBOW
	NPR	S 030-7962	002	ELBOW
	NPR	SY 100-3055	001	SENSOR GP-TEMPERATURE
	NPR	S 102-9223	001	TANK GP-COOLANT
	NPR	SY 121-7029	001	CONTROL GP-ENGINE ELECTRONIC
	NPR	S 125-7876	010	TUBE-HEAT SHRINK
	NPR	S 133-0969	001	CONNECTOR-SOCKET
	NPR	S 133-0970	001	RECEPTACLE AS-CONNECTOR
	NPR	S 133-0974	001	WEDGE-PLUG LOCK
	NPR	S 133-4076	001	PLUG AS
	NPR	S 134-2540	001	RESISTOR AS-CONNECTION
	NPR	SY 161-9932	001	SENSOR GP-PRESSURE
	NPR	SY 164-0459	001	COOLER GP-FUEL
	NPR	SY 164-2027	002	AIR CLEANER GP
	NPR	S 165-0200	001	CABLE AS
	NPR	S 165-0201	001	CABLE AS
	NPR	SY 212-6188	001	DISPLAY GP-MONITOR
	NPR	SY 217-3865	001	PANEL GP-CONTROL

Key:

I Installed

Y Separate Illustration

S Shipped Loose