

3412E MARINE ENGINE

Engine Serial Number - 9KS prefix (Build Date - 07/2003, Test Date - 07/2003, Ship Date - unknown)

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▼ ENGINE - ENTIRE GROUP (9KS prefix)

Qty.	NPR	Note	Part No.	ChangeReq. Level	Qty	Part Name
						<b>FEATURE CODES</b>
		I	HP01400	F	001	1400 BHP (1044 BKW) W/O FAN
		I	412DM56	F	001	3412E DITTA MAR PROP-STARBOARD
		I	ALT2440	F	001	CHARGING ALTERNATOR 24V 60 AMP
		I	BELTGD4	F	001	BELT GUARD
		I	ELSM LH1	F	001	ELEC START MTR LH 24V
		I	FULCOL1	F	001	FUEL COOLER
		I	OILDWLO	F	001	DOUBLE WALL OIL LINES
		I	PPFWS00	F	001	PRIMARY FUEL FILTER/WATER SEP
		I	DMPPUL1	F	001	DAMPER AND PULLEY
		I	CCM0001	F	001	CUST COMMUNICATIONS MODULE-CCM
		I	EMSTU01	F	001	EMS TACHOMETER UNIT
		I	EMSQGU1	F	001	EMS QUAD - GAUGE UNIT
		I	EMSICH1	F	001	HARNESS - EMS INTERCONNECT
		I	EMSMU02	F	001	EMS MAIN UNIT
		I	LITX001	F	001	LITERATURE
		I	LWPENG1	F	001	ENGINE PROTECTIVE COVER
		I	PBKHCD1	F	001	PARTS BOOK-PAPER + ELECTRONIC
		I	TRSENG1	F	001	STD ENGINE TEST CHARGE 3L0436
		I	DEC0000	F	001	DECAL
		I	DPX0002	F	001	DOMESTIC PACK FOR EXPORT
		I	MSMARPR	F	001	MARINE PROPULSION
		I	PNTSTD1	F	001	STANDARD PAINT FINISH
		I	CSTHEXC	F	001	HEAT EXCHANGER COOLED
		I	ELECGOV	F	001	CAT ELECTRONIC GOVERNOR
		I	HIPERFM	F	001	MARINE PROPULSION HI-PERF ENG
		I	MARINEE	F	001	MARINE HI PERFORMANCE E RATING
		I	STARBRD	F	001	STARBOARD SIDE
		I	STDRATG	F	001	STD RATING

	I	TWINENG	F	001	TWIN ENGINE INSTALLATION
	I	VLT0024	F	001	24 VOLT
	I	3412HUI	F	001	3412 HYD UNIT INJ DIESEL EN
					<b>PART NUMBERS</b>
	I	PP5007	00	001	1400 BHP WOF 2300 RPM IMO CERT
	I	0P-9893		001	FORWARDING/INSURANCE CHARGES
	I	PA7147	03	001	3412E DITTA MAR PROP-STARBOARD
	<u>NPR</u>	IY <a href="#">177-8882</a>	05	001	ENGINE AR
	<u>NPR</u>	IY <a href="#">3N-6668</a>	05	001	LINES GP-FLEXIBLE FUEL
	<u>NPR</u>	IY <a href="#">4P-9244</a>	00	001	HEATER GP-JACKET WATER
	<u>NPR</u>	IY <a href="#">9X-9647</a>	01	001	SENSOR GP-POSITION
	<u>NPR</u>	IY <a href="#">102-9220</a>	02	001	RECOVERY GP-COOLANT
	<u>NPR</u>	IY <a href="#">131-8285</a>	05	001	CONTROL GP-START/STOP
	<u>NPR</u>	IY <a href="#">153-9087</a>	01	001	PUMP GP-AUXILIARY SEA WATER
	<u>NPR</u>	IY <a href="#">155-8726</a>	03	001	COVER GP-AFTERCOOLER
	<u>NPR</u>	IY <a href="#">155-8734</a>	00	001	MOUNTING GP-CONTROL
	<u>NPR</u>	IY <a href="#">155-8743</a>	00	001	LINES GP-WATER
	<u>NPR</u>	IY <a href="#">156-6897</a>	05	001	WIRING GP-SENSOR
	<u>NPR</u>	IY <a href="#">156-6900</a>	04	001	WIRING GP-ENGINE
		IY <a href="#">156-6907</a>	01	001	LINES GP-WATER
	<u>NPR</u>	IY <a href="#">164-2836</a>	02	001	AIR CLEANER GP
	<u>NPR</u>	IY <a href="#">165-5152</a>	00	001	MOUNTING GP-AIR CLEANER
	<u>NPR</u>	IY <a href="#">168-2503</a>	00	001	MOUNTING GP-INSTRUMENT PANEL
	<u>NPR</u>	IY <a href="#">168-4420</a>	00	001	PANEL GP-INSTRUMENT
	<u>NPR</u>	IY <a href="#">197-8875</a>	00	001	FASTENER GP-FUEL JUNCTION BLK
	<u>NPR</u>	I 234-6127	00	001	PRESERVATION GP
		I PA7011	01	001	ALTERNATOR GP-24V 60 AMP
	<u>NPR</u>	IY <a href="#">4N-3986</a>	15	001	ALTERNATOR GP-CHARGING
	<u>NPR</u>	IY <a href="#">141-6175</a>	02	001	CIRCUIT BREAKER GP
	<u>NPR</u>	IY <a href="#">155-8737</a>	00	001	MOUNTING GP-CIRCUIT BREAKER
	<u>NPR</u>	IY <a href="#">156-6925</a>	01	001	MOUNTING GP-ALTERNATOR
	<u>NPR</u>	IY <a href="#">144-4580</a>	00	001	GUARD GP-DAMPER
	<u>NPR</u>	IY <a href="#">4N-1061</a>	15	001	STARTING MOTOR GP-ELECTRIC
	<u>NPR</u>	IY <a href="#">164-0459</a>	00	001	COOLER GP-FUEL
		I PA7481	02	001	DOUBLE WALL OIL LINES
	<u>NPR</u>	IY <a href="#">175-7094</a>	00	001	LINES GP-OIL

	<u>NPR</u>	IY	<u>176-0401</u>	04	001	DRAIN GP-ENGINE OIL
	<u>NPR</u>	IY	<u>178-0464</u>	01	001	FILTER GP-WATER SEP & FUEL
	<u>NPR</u>	IY	<u>103-8845</u>	04	001	DAMPER & PULLEY GP
	<u>NPR</u>	IR	164-8940	00	001	MODULE GP-SYSTEM COMMUNICATION
	<u>NPR</u>	IY	<u>144-0890</u>	01	001	MODULE GP-SPEEDOMETER & TACH
	<u>NPR</u>	IY	<u>117-9015</u>	03	001	MODULE GP-QUAD GAUGE
	<u>NPR</u>	IY	<u>121-4017</u>	04	001	HARNES AS-WIRING
		I	PA6592	01	001	EMS MAIN UNIT
	<u>NPR</u>	IY	<u>100-3055</u>	04	001	SENSOR GP-TEMPERATURE
	<u>NPR</u>	IY	<u>131-0209</u>	02	001	CONTROL GP-MONITOR
	<u>NPR</u>	IY	<u>161-9932</u>	05	001	SENSOR GP-PRESSURE
		I	PL0001	10	001	LITERATURE GP
		I	5N-6957	01	001	LITERATURE GP
		I	0V-1984		001	ENGINE PROTECT COVER 3412/C30
		I	0V-1766		001	PARTS BOOK - PAPER & ELECTRONI
		I	0P-1852		001	STD ENGINE TEST CHARGE 3L0436
		I	0P-7001		001	DECAL
		I	0P-1914		001	DOMESTIC PACK FOR EXPORT
		I	0V-1045		001	END USE: MAR PROPULSION
		I	PQ0161	00	001	CATERPILLAR YELLOW/POLYIOTHANE
		I	PP5007	00	001	1400 BHP WOF 2300 RPM IMO CERT
		I	0K-3083	00	001	1044 KW (1400 BHP) @ 2300 RPM
						<b>SHIPPED LOOSE</b>
	<u>NPR</u>	S	1P-4278		002	CLAMP-HOSE
	<u>NPR</u>	S	1S-0178		004	CONNECTOR-HOSE
	<u>NPR</u>	S	1S-0833		002	CLIP
	<u>NPR</u>	S	2L-3331		002	CONNECTOR-PIPE
	<u>NPR</u>	S	2N-1931		001	ELBOW-PIPE
	<u>NPR</u>	S	2N-3323		002	INDICATOR-AIR FILTER CHANGE
	<u>NPR</u>	S	3N-6667		002	HOSE AS
	<u>NPR</u>	S	4L-6454		004	BOLT
	<u>NPR</u>	S	4P-9220		001	AIR CLEANER GP
	<u>NPR</u>	S	4P-9221		001	AIR CLEANER GP
	<u>NPR</u>	S	4P-9233		001	TUBE AS
	<u>NPR</u>	S	4P-9234		002	VALVE-CHECK
	<u>NPR</u>	S	5F-5990		002	CLIP

	NPR	S	5M-2894	001	WASHER-HARD
	NPR	S	5P-1075	002	WASHER-HARD
	NPR	S	5P-1505	001	HOSE
	NPR	S	5P-3860	004	CLAMP-HOSE
	NPR	S	5P-4961	005	CLAMP-HOSE
	NPR	S	6I-0375	001	TEE AS
	NPR	S	6I-2068	002	HOSE
	NPR	S	6V-8801	004	NUT
	NPR	S	8C-3681	001	HOSE
	NPR	S	8M-5260	001	SEAL-O-RING
	NPR	S	8T-4896	006	WASHER-HARD
	NPR	S	9M-2904	009	CLAMP-HOSE
	NPR	SY	<u>9X-9647</u>	001	SENSOR GP-POSITION
		S	RSBS0753	001	WARRANTY
		S	SEBP2865	001	PTSBK (A)
		S	SERP2865	001	PARTS BOOK C.D. (A)
		S	SSBU7178	001	OMM (A)
	NPR	S	003-2143	001	ELBOW
	NPR	SY	<u>100-3055</u>	001	SENSOR GP-TEMPERATURE
	NPR	S	102-9223	001	TANK GP-COOLANT
	NPR	S	114-4384	002	REGULATOR GP-VACUUM
	NPR	SY	<u>117-9015</u>	001	MODULE GP-QUAD GAUGE
	NPR	SY	<u>121-4017</u>	001	HARNES AS-WIRING
	NPR	S	124-6265	003	CLAMP-HOSE
	NPR	SY	<u>131-0209</u>	001	CONTROL GP-MONITOR
	NPR	SY	<u>144-0890</u>	001	MODULE GP-SPEEDOMETER & TACH
	NPR	SY	<u>161-9932</u>	001	SENSOR GP-PRESSURE
	NPR	SY	<u>164-0459</u>	001	COOLER GP-FUEL
	NPR	S	164-2829	002	BRACKET AS
	NPR	S	164-2831	001	HOSE
	NPR	S	164-2832	001	HOSE
	NPR	S	164-2837	001	HOSE
	NPR	S	164-2838	001	HOSE
	NPR	S	164-2839	002	HOSE
	NPR	SR	164-8940	001	MODULE GP-SYSTEM COMMUNICATION

Key:

I Installed

Y Separate Illustration

R REMFG PART MAY BE AVAILABLE

S Shipped Loose