



service bulletin

- WARRANTY INFORMATION SERVICE INFORMATION
 PARTS INFORMATION

Bulletin No. 2003-02

Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

200 HP EFI, 3.0 Liter Outboard (New Model)

Models Affected

MERCURY/MARINER

Situation

A 200 HP, 3.0 Liter Electronic Fuel Injection (EFI) outboard has been added to the 2003 model year product offering. It is the same base engine as the current 225/250 HP EFI standard production 3.0 Liter outboard. It will be offered as a 20 inch (50.8 cm) shaft length standard right hand rotation only.

Engine Specifications

Horsepower	200
Kilowatts	149
Full Throttle RPM Range	4500 - 5500

All other specifications are the same as the current standard production 225/250 HP EFI outboards. Specifications are listed in the 2002 model year and newer 3.0 Liter EFI outboard Service Manual **90-884294**.

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Accessories

All accessories listed for the current 2002 and newer model 225/250 EFI engines are compatible with this new model.

Service Procedures

All service procedures, torque values, maintenance schedule, installation instruction, lubrications and sealants are the same as the current 225/250 EFI outboards. Use Service Manual **90-884294**.

Propeller Information Chart

This new model uses the same propeller styles and types as the current 225/250 EFI outboards. Propeller information chart shown below applies to the new 200 EFI, 3.0 Liter, with wide open throttle RPM of 4500 - 5500, standard right hand rotation with 1.75:1 gear ratio.

Diameter	Pitch	No. of Blades	Approx. Gross Boat Wt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number	
14.62"	27	3	Up to 2700	Up to 19'	59-76	48-825868A47	Tempest Plus
13.75"	26	4	Up to 2800	Up to 20'	57-73	48-825944A47	Trophy Plus
14.62"	26	3	Up to 2800	Up to 20'	57-73	48-825874A47	Tempest Plus
13.75"	25	3	2300-3000	18-21'	54-69	48-16550A46	Laser II
13.75"	25	4	2300-3000	18-21'	54-69	48-825942A47	Trophy Plus
14.62"	25	3	2300-3000	18-21'	54-69	48-825866A47	Tempest Plus
13.25"	25	5	2300-3000	18-21'	54-69	48-816374A46	HighFive
13.38"	25	3	2300-3000	18-21'	54-69	48-78126A45	Black Max
13.75"	24	4	2400-3100	19-21'	52-66	48-825940A47	Trophy Plus
14.62"	24	3	2400-3100	19-21'	52-66	48-825872A47	Tempest Plus

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Diameter	Pitch	No. of Blades	Approx. Gross Boat Wt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number	
13.75"	23	3	2600-3300	19-22'	49-62	48-16548A46	Laser II
13.75"	23	4	2600-3300	19-22'	49-62	48-825938A47	Trophy Plus
14.62"	23	3	2600-3300	19-22'	49-62	48-825864A47	Tempest Plus
14.63"	23	3	2600-3300	19-22'	49-62	48-13704A46	Mirage Plus
13.25"	23	5	2600-3300	19-22'	49-62	48-815762A46	HighFive
13.5"	23	3	2600-3300	19-22'	49-62	48-16320A46	Vengeance
14"	23	3	2600-3300	19-22'	49-62	48-832834A45	Black Max
13.88"	21	3	2800-3800	19-23'	44-57	48-16546A46	Laser II
13.75"	21	4	2800-3800	19-23'	44-57	48-825934A47	Trophy Plus
14.62"	21	3	2800-3800	19-23'	44-57	48-825862A47	Tempest Plus
14.75"	21	3	2800-3800	19-23'	44-57	48-13702A46	Mirage Plus
13.25"	21	5	2800-3800	19-23'	44-57	48-815760A46	HighFive
13.75"	21	3	2800-3800	19-23'	44-57	48-16318A46	Vengeance
14.25"	21	3	2800-3800	19-23'	44-57	48-832832A45	Black Max
14"	19	3	3200-4400	20-24'	38-51	48-16544A46	Laser II
14.62"	19	3	3200-4400	20-24'	38-51	48-825860A47	Tempest Plus
15.25"	19	3	3200-4400	20-24'	38-51	48-13700A46	Mirage Plus
13.25"	19	5	3200-4400	20-24'	38-51	48-815758A46	HighFive
14"	19	3	3200-4400	20-24'	38-51	48-16316A46	Vengeance
14.5"	19	3	3200-4400	20-24'	38-51	48-832830A45	Black Max
15.38"	18	3	3400-4900	21-24'	35-48	48-889620A46	Mirage Plus

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200 HP EFI, 3.0 LITER OUTBOARD (NEW MODEL)

Diameter	Pitch	No. of Blades	Approx. Gross Boat Wt. (lbs)	Approx. Boat Length	Speed Range (mph)	Propeller Part Number	
15.5"	17	3	3700-5400	21-25'	32-45	48-18278A46	Mirage Plus
13.5"	17	5	3700-5400	21-25'	32-45	48-821154A46	HighFive
14.5"	17	3	3700-5400	21-25'	32-45	48-16314A46	Vengeance
15"	17	3	3700-5400	21-25'	32-45	48-832828A45	Black Max
16"	16	3	4000-6300	22-26'	28-42	48-16440A45	Black Max
15.75"	15	3	4300-7100	23-27'	25-39	48-19838A46	Mirage Plus
14.5"	15	3	4300-7100	23-27'	25-39	48-16312A46	Vengeance
15.25"	15	3	4300-7100	23-27'	25-39	48-78116A45	Black Max
16"	14	3	4300-7100	24-29'	22-36	48-16438A45	Black Max
16"	13	3	6000 +	25-30'	19-32	48-826072A46	Mirage Plus
16"	13	3	6000 +	Pontoon	19-32	48-78114A45	Black Max
16"	12	3	8000 +	Pontoon/ Work	15-29	48-16436A45	Black Max
16"	11	3	9500 +	House/Work	1-26	48-78112A45	Black Max

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