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## Important New Model Information—150 FourStroke SeaPro

### Models Affected

Models Covered	Serial Number Or Year
150 FourStroke SeaPro	2B139139 and Above

### Scope

Worldwide

### Situation

The purpose of this bulletin is to highlight the key features of the new 150 FourStroke SeaPro models and how they differ from the standard production models. Refer to Outboard Service Bulletin 2012-07, Important New Model Information—150 FourStroke for additional information common to these models.

- Specifications
- Owner's manual supplement packaged with SeaPro models
- 150 FourStroke SeaPro top cowl decals
- Commercial maintenance schedule decal
- Gear lube drain and fill at the front of the torpedo
- Water-separating fuel filter included
- SC1000 tachometer gauge included (dash mount)
- Fish line cutter seal (rear propeller shaft seal)
- Heavy-duty upper mounts
- Throttle body restrictor and bell mouth
- Propeller information chart

### Specifications

Models	150 SeaPro
Full throttle RPM range	4800–5300
Recommended engine oil	Mercury or Quicksilver NMMA FC-W certified SAE 25W-40* for all temperatures, 10W-30 for temperatures 0° C (32° F) and below
Gearcase lubricant capacity	Right-hand rotation 780 mL (26.4 fl oz), left-hand rotation 545 mL (18.4 fl oz)

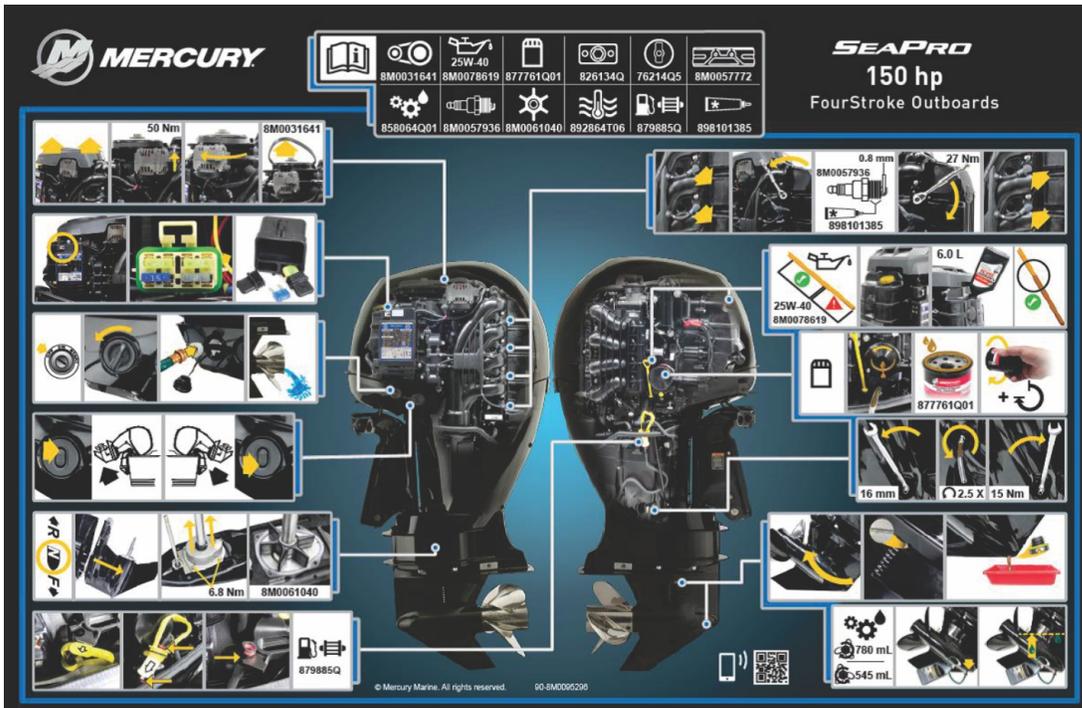
**NOTE:** An asterisk (\*) indicates that both mineral oils and synthetic blend oils are recommended.

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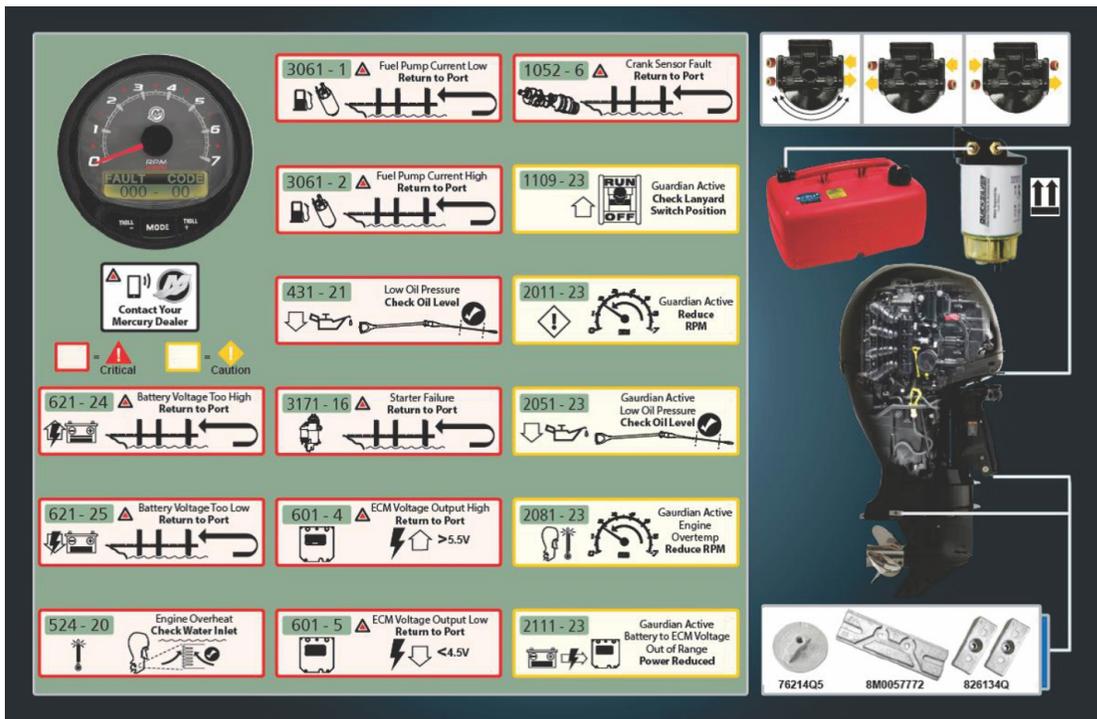
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# Owner's Manual Supplement Packaged with SeaPro Models

An owner's manual supplemental graphic maintenance guide is included with SeaPro models. The following images are from owner's manual 90-8M0095296.



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## 150 FourStroke SeaPro Top Cowl Decals



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### Commercial Maintenance Schedule Decal

A commercial maintenance schedule decal is applied to SeaPro models. Compared to standard models, the differences are:

- Narrowed and lowered full throttle RPM operating window for 150 FourStroke SeaPro - 4800–5300 RPM.
- Recommended SAE 25W-40 oil for all temperatures, with 10W-30 for 0° C (32° F) and below.

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- Added valve lash inspection every 1000 hours.

**COMMERCIAL MAINTENANCE SCHEDULE**

**EVERY 100 HOURS** **SEAPRO** **EVERY 300 HOURS**

REPLACE	INSPECT	REPLACE
Engine Oil and Filter	Spark Plugs*	Accessory Drive Belt
Gearcase Lubricant	Thermostat	Spark Plugs*
	Low Pressure Fuel Filter	Water Pump Impeller
	Anodes	Low Pressure Fuel Filter

For Storage Preparation See Owner's Manual

**Specifications**

<p><b>Full Throttle RPM:</b> 4800-5300</p> <p><b>Neutral Idle RPM:</b> 650</p> <p><b>Valve Lash:</b> Inspect Every 1000 hrs</p>	<p>*In Saltwater: Apply Anti-Seize</p> <p>27 Nm (20 lb-ft)</p> <p>8M0057936</p> <p>0.8 mm (0.032 in.)</p>	<p><b>Engine Oil</b></p> <p>10W-30 25W-40</p> <p>6.0 L (6.3 U.S. qt.)</p>
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## Gear Lube Drain and Fill at the Front of the Torpedo

All SeaPro FourStroke Outboards include a gearcase lubricant drain located at the front of the torpedo to simplify maintenance.

- Gearcase lubricant changes can now be completed while the outboard is tilted up.
- No need to remove the propeller for gear lubricant maintenance.

**NOTE:** It is still recommended to remove the propeller periodically to inspect and grease the propeller shaft, and to check for fishing line wrapped around the propeller shaft.

**NOTE:** The front drain/fill screw has a magnet to collect debris and it must be cleaned and reinstalled in this location only.



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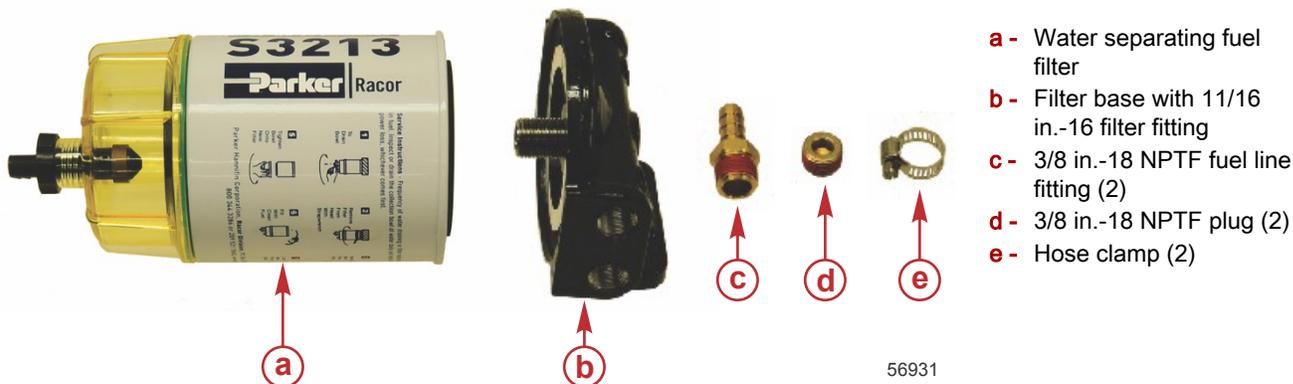
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## Water-Separating Fuel Filter, Without Water-in-Fuel (WIF) Sensor—Shipped Standard with Engine

Description	Part Number
Remote water-separating fuel filter kit	8M0097838
Replacement filter can without plastic sight bowl (filter spin-on fitting 11/16 in.)	35-809097
Replacement filter can with plastic sight bowl (filter spin-on fitting 11/16 in.)	35-809096

This is a similar kit as used on the standard models, but without the water-in-fuel (WIF) sensor and wiring. The kit contains a serviceable water-separating fuel filter assembly, filter mounting manifold, fuel line fittings, and hose clamps to install the kit into the boat's 10 mm (3/8 in.) inside diameter (ID) fuel line system.



## SC1000 Tachometer Gauge—Shipped Standard with Engine

SeaPro outboards are shipped standard with an SC1000 tachometer gauge. This gauge is programmed to show Universal Fault Codes as outlined in the owner's manual supplement.



SC1000 tachometer gauge

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## Fish Line Cutter Seal

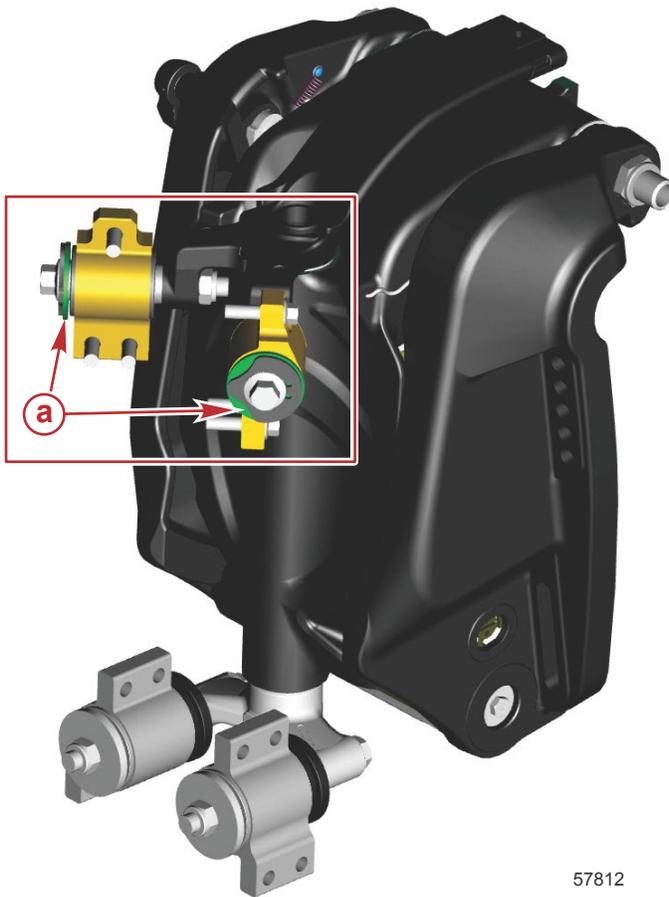
The rear propeller shaft seal utilizes a fish line cutter feature. This is a common part number (26-12224) that shares application with some earlier MerCruiser propeller shaft seals.



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## Heavy-Duty Upper Mounts

SeaPro models are equipped with heavy-duty upper mounts and added urethane snubber washers.



**Heavy-duty upper mounts**  
**a - Urethane snubber washers (2)**

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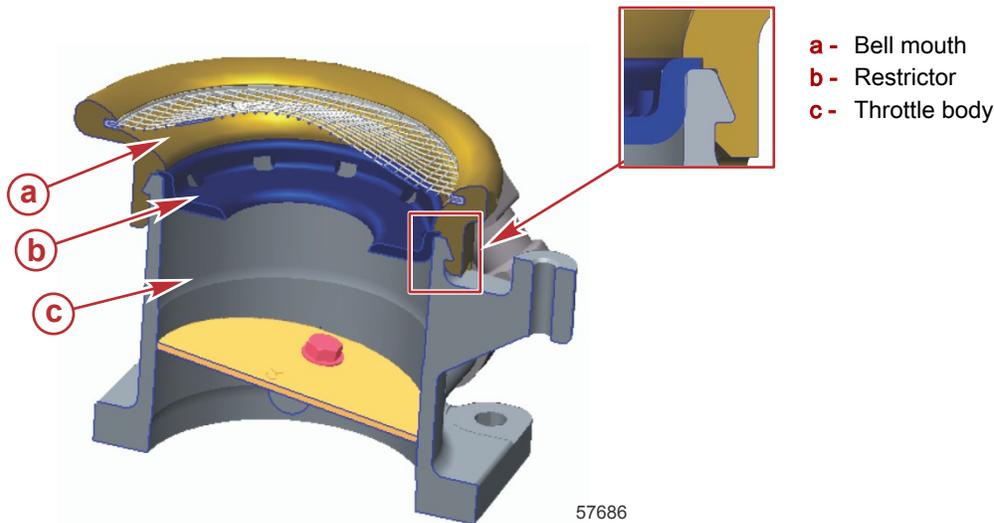
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## Throttle Body Restrictor and Bell Mouth—150 FourStroke SeaPro Models

**IMPORTANT:** Engine running issues will occur if the restrictor is removed.

The 150 FourStroke SeaPro adds a new throttle body restrictor not used on the standard 150 FourStroke models.



## Propeller Information Chart

### 150 FourStroke SeaPro Propeller Information Chart

- Full throttle RPM: 4800–5300
- Recommended transom heights: 50.8 cm (20 in.), 63.5 cm (25 in.)
- Right-hand rotation (standard), left-hand rotation available
- Gear reduction: 1.92:1

Diameter	Pitch	No. of Blades	Approx. Gross Boat Weight (lbs)	Speed Range (MPH)	Propeller P/N	Propeller Name	LH Propeller P/N
14.00"	23	4	2100–2400	47–54	48-825906A48	VenSura	48-825907A48
13.50"	23	3	2100–2400	47–54	48-16320A46	Vengeance	48-16321A46
14.00"	23	4	2100–2400	47–54	8M0084497	Spitfire	–
14.00"	23	3	2100–2400	47–54	48-832834A45	Black Max Alum	–
13.50"	22	3	2200–2600	45–52	48-899202A46	Energia	–
13.62"	21	3	2300–2800	42–49	48-899002A46	Energia	48-899003A46
14.62"	21	3	2300–2800	42–49	48-825862A47	Tempest Plus	–
14.75"	21	3	2300–2800	42–49	48-13702A46	Mirage Plus	48-13703A46
13.25"	21	5	2300–2800	42–49	48-815760A46	HighFive	–
14.00"	21	4	2300–2800	42–49	48-825902A48	VenSura	48-825903A48
13.75"	21	3	2300–2800	42–49	48-16318A46	Vengeance	48-16319A46
14.00"	21	4	2300–2800	42–49	8M0084496	Spitfire	–
14.25"	21	3	2300–2800	42–49	48-832832A45	Black Max Alum	–
13.75"	20	3	2400–3000	39–47	48-899000A46	Energia	–
14.62"	19	3	2600–3300	36–44	48-825860A47	Tempest Plus	–
14.00"	19	3	2600–3300	36–44	48-898998A46	Energia	48-898999A46

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**Important New Model Information—150 FourStroke SeaPro**

Diameter	Pitch	No. of Blades	Approx. Gross Boat Weight (lbs)	Speed Range (MPH)	Propeller P/N	Propeller Name	LH Propeller P/N
15.25"	19	3	2600–3300	36–44	48-13700A46	Mirage Plus	48-13701A46
13.25"	19	5	2600–3300	36–44	48-815758A46	HighFive	–
14.00"	19	4	2600–3300	36–44	48-825900A48	VenSura	48-825901A48
14.00"	19	3	2600–3300	36–44	48-16316A46	Vengeance	48-16317A46
14.00"	19	4	2600–3300	36–44	8M0084495	Spitfire	–
14.50"	19	3	2600–3300	36–44	48-832830A45	Black Max Alum	–
14.25"	18	3	2800–3600	33–42	48-898996A46	Enertia	–
15.38"	18	3	2800–3600	33–42	48-889620A46	Mirage Plus	48-889619A46
15.50"	17	3	3000–4000	30–39	48-18278A46	Mirage Plus	48-90159A46
14.50"	17	3	3000–4000	30–39	48-898994A46	Enertia	48-898995A46
13.50"	17	5	3000–4000	30–39	48-821154A46	HighFive	–
14.25"	17	4	3000–4000	30–39	48-825898A48	VenSura	48-825899A48
14.50"	17	3	3000–4000	30–39	48-16314A46	Vengeance	48-16315A46
14.00"	17	4	3000–4000	30–39	8M0084494	Spitfire	–
15.00"	17	3	3000–4000	30–39	48-832828A45	Black Max Alum	–
14.75"	16	3	3300–4600	27–36	48-898992A46	Enertia	–
16.00"	16	3	3300–4600	27–36	48-16440A45	Black Max Alum	–
15.00"	15	3	3600–5200	24–33	48-898990A46	Enertia	48-898991A46
15.75"	15	3	3600–5200	24–33	48-19838A46	Mirage Plus	48-19841A46
14.62"	15	4	3600–5200	24–33	48-857022A46	Revolution 4	–
15.25"	15	3	3600–5200	24–33	48-78116A45	Black Max	–
15.30"	14	3	4000–6000	21–30	48-898988A46	Enertia	8M0079504
16.00"	14	3	4000–6000	21–30	48-16438A45	Black Max Alum	–
15.60"	13	3	4600–7700	17–27	8M0070074	Enertia	8M0070076
16.00"	13	3	4600–7700	17–27	48-826072A46	Mirage Plus	–
16.00"	13	3	4600–7700	17–27	48-78114A45	Black Max Alum	–
16.00"	12	3	6000+	12–24	48-16436A45	Black Max Alum	–
16.00"	11	3	8000+	1–21	8M0070079	Enertia	8M0070077
16.00"	11	3	8000+	1–21	48-78112A45	Black Max Alum	48-78117A40

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