

## PROTECT YOUR INVESTMENT

- > Follow recommended lubrication and maintenance procedures in our Operation and Maintenance Manual.
- > Give your Engine the best care available, insist on Mercury or Quicksilver products for lubrication maintenance and corrosion control.
- > Schedule regular service and inspection with your authorised Mercury Dealer
- > Use only genuine Mercury or Quicksilver Marine Parts and Accessories.



A close-up, low-angle view of a Mercury outboard motor, showing the upper cowling and the lower unit. The motor is dark in color, possibly black or dark grey, with some metallic components visible. The background is a vibrant, abstract design of red and orange flames or light trails.

**MERCURY**

OUTBOARD SERVICE & WARRANTY BOOK

**THIS LOG BOOK HAS BEEN PROVIDED FOR YOUR CONVENIENCE.**

Please take the time to fill out your Engine/Boat details, that you may need for future reference. It is important that your details are kept up to date.

DATE

ENGINE SERIAL NUMBER

MODEL NUMBER

DATE OF PURCHASE

PROPELLER NUMBER

PITCH

IGNITION KEY NUMBER

BOAT MODEL

BOAT MAKE

BOAT LENGTH

HULL NUMBER

**TRANSFER OF OWNERSHIP:** If you have purchased this product from the original owner, you will need to provide your details to Mercury Marine to ensure you receive the balance of the product warranty. Please fax or mail your name and address details with a copy of the bill of sale to: **AUSTRALIA:** Warranty Registration Department, Private Bag 1420, Dandenong South, Victoria 3164 or FAX (03) 9706 8038 **NEW ZEALAND:** Warranty Registration Department, P.O. Box 58002, Greenmount, East Tamaki, Auckland, 1730 or FAX 0800 101 225

OWNER'S NAME

ADDRESS

CITY

STATE

POSTCODE

EMAIL

**CHANGE OF ADDRESS**

DATE:

OWNER'S NAME

ADDRESS

CITY

STATE

POSTCODE

*Please email your change of address to [merc\\_info@mercmarine.com](mailto:merc_info@mercmarine.com)*

**CHANGE OF OWNER**

DATE:

OWNER'S NAME

ADDRESS

CITY

STATE

POSTCODE

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## **MERCURY MARINE OFFERS THIS SERVICE LOG AS A GUIDE TO SCHEDULING PREVENTATIVE MAINTENANCE WORK BY YOUR AUTHORISED SERVICE DEALER.**

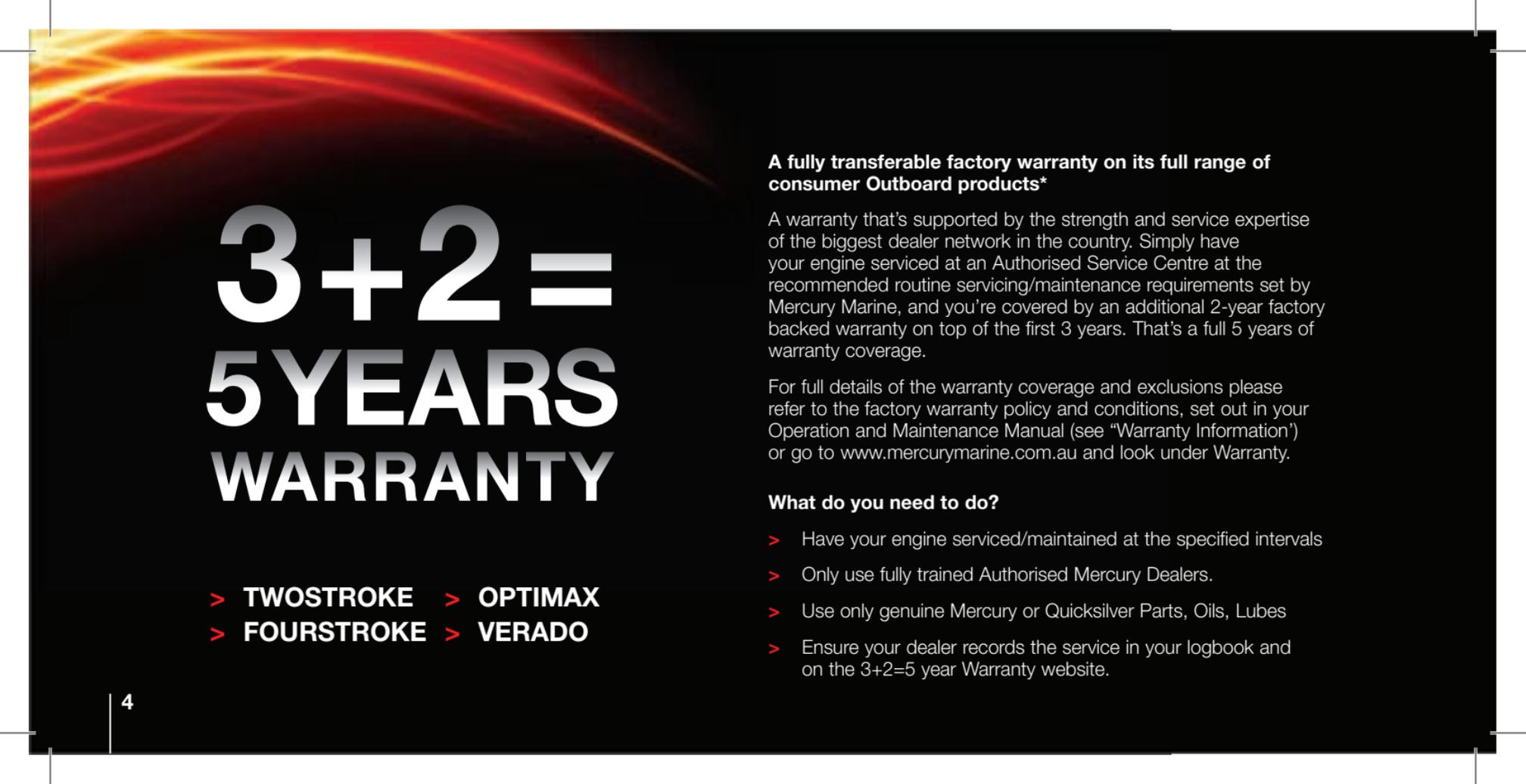
The maintenance suggestions provided are those services that our experience has determined to be most needed by the typical owner. Please ensure you have received a copy of your pre-delivery inspection report from your Dealer.

### **IMPORTANT**

Your responsibilities regarding special care and preventative maintenance are outlined in your Operation and Maintenance Manual.

In cases where operating hours are unusually high, your dealer will be able to advise you of additional services that may be necessary. We especially recommend more frequent maintenance in saltwater areas.

Your authorised Certified Service Centre will provide you with factory trained technicians and will provide you with genuine Mercury and Quicksilver replacement parts.



# 3+2= 5 YEARS WARRANTY

- > **TWOSTROKE** > **OPTIMAX**
- > **FOURSTROKE** > **VERADO**

## **A fully transferable factory warranty on its full range of consumer Outboard products\***

A warranty that's supported by the strength and service expertise of the biggest dealer network in the country. Simply have your engine serviced at an Authorised Service Centre at the recommended routine servicing/maintenance requirements set by Mercury Marine, and you're covered by an additional 2-year factory backed warranty on top of the first 3 years. That's a full 5 years of warranty coverage.

For full details of the warranty coverage and exclusions please refer to the factory warranty policy and conditions, set out in your Operation and Maintenance Manual (see "Warranty Information") or go to [www.mercurymarine.com.au](http://www.mercurymarine.com.au) and look under Warranty.

### **What do you need to do?**

- > Have your engine serviced/maintained at the specified intervals
- > Only use fully trained Authorised Mercury Dealers.
- > Use only genuine Mercury or Quicksilver Parts, Oils, Lubes
- > Ensure your dealer records the service in your logbook and on the 3+2=5 year Warranty website.

## 3+2=5 YEAR WARRANTY TERMS & CONDITIONS

- > The Mercury Marine pre-delivery inspection process must be completed on the engine and documented by your dealer. Warranty coverage becomes available upon proper registration of the product by the dealer
- > The service intervals (these are determined by time or engine hours, whichever occurs first) and maintenance recommendations must be adhered to **Service intervals are 3mth/20hr, 12mth/100hr, 2yr/200hr, 3yr/300hr, 4yr/400hr, 5yr/500hr**
- > Services, maintenance and repairs must be performed by Mercury Marine Authorised Dealer
- > Genuine Mercury or Quicksilver Parts, Oils and Lubes must be used
- > Services must be recorded in your logbook and registered online by your Mercury Authorised Dealer
- > Warranties on High Performance Engines, engines used for Racing or Commercial Purposes remain unchanged
- > Products that have been modified or altered from their original production configuration are not eligible for 2+3=5 year Warranty
- > The addition of, or replacement with, parts or accessories not approved by Mercury Marine or not installed by an Authorised Service Centre, will be cause for your 3+2=5 year Warranty to be cancelled
- > Warranty for engines purchased in the Sth Pacific is 2 Year only - no 3+2=5 year applies
- > The +2 year Warranty is in addition to and does not detract from owners rights under the standard 3-Year Mercury & Mariner factory Warranties

Further details can be found on  
[www.mercurymarine.com.au](http://www.mercurymarine.com.au)



## 3+2=5 YEAR WARRANTY FAQs

- > **How are services registered for 3+2=5 year Warranty?**  
Services must be logged by your dealer on the Mercury 3+2=5 year Service Log after your key services have been performed
- > **Are all service records required to be logged to be eligible for 3+2=5 year Warranty?**  
The 3+2=5 year only applies to key services. These are:  
First 20hr of use or 3mths from date of purchase (whichever occurs first)  
Each 100 hrs or 12 mths (whichever occurs first)  
Services must be registered within 3 months of the designated period
- > **Are all engine models offered with a 3+2=5 year Warranty?**  
Generally, all new Mercury or Mariner engines that are eligible for Mercury's standard 3 Year Warranty are eligible for 3+2=5 year Warranty
- > **If the engine has been used Commercially does the 3+2=5 year Warranty still apply?**  
No. Use in an application that is not "Pleasure" use (eg. commercial, racing, Govt, boat rental etc) at any time during the 3+2=5 year period, immediately invalidates the 3+2=5 year Warranty
- > **Is 3+2=5 year Warranty Transferable?**  
Yes. Unexpired warranty coverage can be transferred to a subsequent purchaser upon proper re-registration of the product. Contact your authorised Mercury Dealer or [merc\\_info@mercmarine.com](mailto:merc_info@mercmarine.com)
- > **How will Mercury determine if genuine parts are being used?**  
Logging services enables a comparison of products serviced versus purchases of service parts by the dealer. If the purchase of parts is not consistent with the number of logged services, the customer will be notified to arrange an inspection

- 
- > **What if my usual dealership is closed?**  
Any Mercury Authorised Dealer will be able to assist with your Warranty queries
  - > **How do I know if my dealer has logged my engine services in order to be eligible for 3+2=5 year Warranty?**  
You can check the status of your engine warranty by logging on to <http://www.mercurymarine.com.au/home/service-history-check.aspx> then entering the engine serial number
  - > **What if my services haven't been entered on the 3+2=5 year Service Log?**  
Provided the Terms and Conditions have been met and receipts or invoices can be provided, you will still be eligible for the 3+2=5 year Warranty



## WHY DO WE MAKE FUSS ABOUT SERVICE?

**Boating is not often thought of as a harsh environment: however marine engines need to be designed and built for one tough job.**

Marine engines can often be used for extended periods at wide open throttle operation (up to 6000rpm on some models) in harsh salt water and sun, then sit in storage over winter for up to 6 or 7 months without any use.

That's why it's important to have your engine inspected and serviced at an authorized dealer at least once a year – even if you haven't reached 100hrs.

Sometimes, even infrequent use may also lead to starting or reliability problems that you don't need right in the middle of your valuable recreational boating time.

Regular check-ups enable your authorized dealer to attend to any tune-up, service or warranty issues to ensure you get maximum pleasure and carefree running out of your engine.

### **Keeping You Safe On The Water**

At Mercury Marine, making quality, reliable engines is our number 1 goal, but like anything mechanical, regular maintenance is the best way to keep it functioning at it's best.

Even if your engine isn't put to the test every day, it's important that the basics are checked and serviced regularly throughout the life of the engine. Changing the oil, lubricants, fuel filters, spark plugs and anodes is all part of keeping you safe and reliable on the water.

## IMPORTANT POINTS TO REMEMBER

1. For assurance of quality service, always use authorised Mercury Certified Service Centres for maintenance and repair of your Mercury products.

**To achieve CSC status, Mercury dealers must:**

- > Demonstrate a commitment to exemplary customer service
- > Be equipped with the latest tools and equipment
- > Have successfully completed the latest technician training requirements

2. Following recommend service and using genuine Mercury or Quicksilver parts and lubes will entitle you to an additional 2 years of full factory warranty (see 3+2=5 year Terms & Conditions)
3. For extended periods of non-use (two months or longer) please follow the "Storage Preparation" instructions in your Operation and Maintenance manual.



## NOBODY KNOWS YOUR ENGINE LIKE WE DO

Our extensive nationwide service network is geared up to make it as easy as possible for you to get the very best from your Mercury Marine engine. So why would you trust anyone other than a Mercury Marine Trained Technician to look after your engine? Only they have the knowledge and diagnostic equipment to ensure the best possible service.

Protecting Your Warranty – Genuine Mercury or Quicksilver Parts and Accessories You bought your Mercury engine because you wanted the best engine you could buy. So doesn't it make sense that if any part ever needs to be replaced, it should be a genuine Mercury or Quicksilver part?

Quicksilver is the brand name of the genuine parts and accessories range for Mercury, Mariner and MerCruiser engines. Make sure you insist on genuine Mercury or

Quicksilver parts and accessories when servicing your engine. These are manufactured to the same engineering standards as your engine's original parts.

Aftermarket brands may look the same and cost a little less, but this cost saving can be at the expense of quality and ultimately durability. This can also have affect on the reliability of related components.

Every Mercury or Quicksilver part is guaranteed to meet the strict design standards for strength, reliability and corrosion resistance and only Mercury or Quicksilver warranty covers your whole engine against any consequential damage.



## OUTBOARD ENGINE OILS VERADO

This oil has been specifically formulated for the increased demands of Verado SuperCharged outboards. A technology specific 25W-50 marine oil formulated for the world's first and only supercharged and intercooled outboard engine.

The unmatched torque and acceleration of this engine requires maximum protection found in this well-balanced combination of today's highest quality synthetic base stock plus advanced additive system that meets the stringent marine operational requirements of all new 4 and 6 cylinder Verado models.

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)



**MERCURY**  
Precision Lubricants

## OUTBOARD ENGINE OILS FOURSTROKE

Mercury FourStroke oil is specifically formulated for use with all FourStroke outboards. A premium grade base stock and special additives make this a superior grade of FourStroke outboard oil that can stand up to the rigors of the marine environment and performance in FourStroke Outboard applications.

The Mercury Synthetic range of oil has a blend of optimum grade base stocks contains specifically designed additives for optimum marine performance that regular automotive oils do not require. Superior moisture and rust free protection, improved performance and protects against wear for trouble free operation.

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)



## OUTBOARD ENGINE OILS OPTIMAX / DFI

This Synthetic blend oil was developed specifically for the greater demands of DFI outboard engines. Higher operating temperatures combined with reduced oiling rates have put increased demands on the lubricants. This exclusive formula provides increased lubrication while minimizing carbon deposits and provides the highest protection for the engine.

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)



**MERCURY**  
Precision Lubricants

## OUTBOARD ENGINE OILS TWO STROKE

Mercury Certified TC-W3 designed to meet the unique requirements of marine engines. Gain engine life and performance with this specially formulated 2 cycle outboard oil. The special Mercury formula allows for this to be used in a wide variety of non-marine 2 cycle engine applications when mixed at manufacturers recommended ratios.

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)



**MERCURY**  
Precision Lubricants

## MERCURY HIGH PERFORMANCE GEAR LUBE

Engineered to provide maximum protection for outboard lower units in extreme marine conditions including high-speed and high horsepower applications. Extreme-pressure synthetic additives protect gears from metal to metal contact and helps to prevent failures due to water entering the gear housing.

\*Do not mix with Premium Gear Lube

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)

**MERCURY**  
Precision Lubricants



## MERCURY PRECISION LUBRICANTS

When it comes to protecting your investment in Mercury technology, as well as getting the most out of it, nothing comes close to genuine Mercury Precision lubricants. Unlike automotive lubricants, all Mercury lubricants are specifically formulated for the unique needs of marine engines and rigorously tested to meet our high standards. So you can get the most out of your outboard not only today, but years to come.

For more information see your local Mercury Marine Dealer or visit [www.mercurymarine.com.au](http://www.mercurymarine.com.au)



**MERCURY**  
Precision Lubricants

## MERCURY PROPELLERS THE RIGHT WAY FORWARD

Next to your engine, your propeller is the single most important factor in how your boat performs. It affects:

- > **Handling**
- > **Engine Life**
- > **Speed**
- > **Acceleration**
- > **Fuel Economy**
- > **Safety**

Mercury is the world's largest propeller designer with over 700 propellers in our range and fits all other manufacturers engines everything from custom to high performance and racing models. Mercury propellers are proven for superior strength, and all-round performance. Speak to your dealer about the right propeller for your needs or use our online propeller selector at [www.mercurymarine.com/propellers/prop-selector/#](http://www.mercurymarine.com/propellers/prop-selector/#)



### VENGEANCE

Better acceleration and handling propeller, built to be 5 times more durable. This quality stainless steel propeller is available for use in either rotation with pitches from 9" to 23".



### LASER II

Ideal for fast and light running, the Laser II has thin blades for low drag and higher speed. Available in both rotations with 19" to 26" pitch.



### TROPHY PLUS

The Trophy Plus delivers remarkable bow lift, quick planing and better handling, and is ideally suited to outboard applications such as runabouts and ski boats. A four blade propeller with 17" to 28" pitch, the Trophy Plus can be used on outboards 75hp and up.



### **TROPHY SPORT**

A compact 4 bladed propeller in 12" and 15" pitch, the Trophy Sport offers fast planing, top speeds, improved handling and reduced steering loads. Specifically designed for outboards 30–60hp, that run between 50–100kph.



### **TEMPEST PLUS**

The Tempest is ventilated for increased acceleration with a higher rake and better handling lift. Designed in 13" to 29" pitch, it has a larger diameter for big transom weights and is suited to large outboards.



### **ENERTIA/FURY**

Cast with exclusive new X7 alloy, the Enertia/Fury has incredibly thin blades and higher rake angles to deliver higher acceleration and top speed. It's the ultimate for high horsepower outboard-powered boats. Available in 14" to 27" pitch.



### **MIRAGE PLUS**

A propeller built strong enough to handle your high horsepower demands. With a large diameter and high-output blade geometry, it is ideal for heavier outboards and sterndrives and comes in 13" to 29" pitch.



### **VENSURA**

Suited to twin outboard vessels, the Vensura provides outstanding lift even in rough seas. Fashioned in high gloss stainless steel, and designed in 17" to 23" pitch, they can be used in offshore or sports boat applications.



### **REVOLUTION 4**

You need a Revolution to achieve better performance in sterndrives or big outboard sports boats. Put this propeller on and watch your mid-range acceleration and top speed dramatically improve. With a large stainless steel design in 15" to 25" pitch.



### **HIGHFIVE**

Cuts the water with an innovative 5 blade system for smooth acceleration and effortless ski-pull. You can use the Highfive on both outboards and sterndrives, and it is available in 17" to 25" pitch.

**MERCURY**  
Propellers

## PREPARATION FOR STORAGE

### WARNING

As a safety precaution, when boat is in storage, or in transit, remove positive (+) battery cable. This eliminates possibility of accidental starting or cranking of engine and overheating and damage to engine from lack of water or starter motor damage.

### CAUTION

With an oil-injected engine, if after being in storage, air bubbles can be seen in the clear oil pump hose, see your authorised dealer. Operate the outboard on pre-mixed fuel (50:1) until the air is purged from the hose.

Protect engine from physical damage, rust, corrosion and dirt. Do not seal in a container or wrap tightly in plastic or canvas, as moisture could form and cause external and internal rust and corrosion. Refer to lubrication chart in Operation and Maintenance Manual.

- > Lubricate swivel bracket, tilt tube & control linkage.
- > Remove spark plugs.
- > Apply Mercury/Quicksilver Storage Seal into carburettors and spark plug holes.
- > Connect spark plug wires. Be sure that each wire is connected to the correct spark plug.
- > Clean exterior of motor, including all accessible powerhead parts. Spray with Mercury/Quicksilver Corrosion Guard.
- > Install cowling. Apply Mercury/Quicksilver Corrosion Guard to all painted surfaces.
- > Remove propeller. Lubricate propeller shaft spline and reinstall propeller.
- > When storing for winter, make sure water drain holes in gear housing are open so water will drain out. Use a piece of wire to clean out.
- > If a speedometer is installed in the boat, disconnect the pick up tube and allow it to drain. Reconnect the tube. Trapped water will freeze, cracking gear housing and/or water pump housing.
- > Drain and refill gear housing with Mercury Gear Lube before storage. Inspect gaskets under lubricant vent and fill plugs. Replace damaged gaskets before reinstalling.

### NOTE

If water is discharged or fluid is of a milky consistency, there is a water leak into the gear housing. Have your local authorised dealer service unit before storage. Failure to do so may cause damage to gears, bearings and shafts.

## PRE-DELIVERY INSPECTION

### Check Before Running

- Lower unit lubricant
- Tilt tube and swivel pin lubrication
- Engine installation on transom
- Fuel line and fuel tank installation
- Gasoline-oil mixture for break-in
- Co-pilot adjustment
- Steering operation through complete range
- Remote control operation
- Electrical harness installation
- Battery fully charged and properly secured
- Battery cable connections
- Instrument connections
- Manual tilt operation
- Manual tilt valve operation
- Power trim oil level

- Power trim and tilt operation
- Adjust trim limit switch
- Fill oil injection reservoir(s)
- Purge air from oil injection system
- Check operation of low oil and overheat warning horns
- Select correct propeller, install and torque

### Check While Running

- Rewind starter operation
- Neutral starter interlock operation
- Electric starter
- Electric starter neutral safety switch
- Manual choke
- Electric choke or enrichener
- Tell-tale water stream
- Instrument(s) operation
- Set idle RPM and mixture adjustment

- Idle RPM \_\_\_\_\_
- Throttle & shift, ease of operation
- Steering operation throughout range
- Reverse operation and reverse lock hooks
- Shallow water drive
- Power trim operation
- Trim tab adjustment
- Tilt angle adjustment
- Maximum RPM \_\_\_\_\_
- Stop switch and emergency tether switch

### OptiMax and EFI

- Use DDT to check engine operation

### Check After Running

- Oil, gasoline, or water leakage
- Propeller nut torque
- Power trim & oil injection oil levels

Dealer Stamp:

Technician Name: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## FIRST 3 MONTHS/20 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points) and propeller shaft splines
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service battery and terminals
- Remove and inspect spark plugs. Check compression (engine must be warm)
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Check throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace filter

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump and cooling system
- Throttle, gearshift and reverse lock operation
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation
- Check diagnostic codes
- ECM and sensor operation
- Check for fault codes
- Check DFI fuel and air pressure

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system
- Owner should follow recommendations in Operation & Maintenance Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name:	_____
	Signed:	_____ Date:    /    /
	R/O Number:	_____
	Comments:	_____
		_____

## 12 MONTHS / 100 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Check Before Running
- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points)
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service water pump
- Remove and inspect propeller. Grease propeller shaft spline
- Torque propeller shaft nut to specification
- Check all electrical connections. Clean and reseal, if required
- Service battery and terminals
- Remove and inspect spark plugs, protectors and leads. Check compression (engine must be warm)
- Remove engine deposits with Quicksilver Power Tune Engine Cleaner
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Replace fuel pump diaphragm and check carburettor float levels
- Check carburettor throttle butterfly synchronisation
- Check primary and secondary throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace oil filter
- Check and adjust valve clearance, if necessary inspect timing belt

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump, cooling system and thermostat
- Throttle, gearshift and reverse lock operation
- Alternator is charging
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation     Check for fault codes
- Check diagnostic codes                     Check DFI fuel and air pressure
- ECM and sensor operation

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system. Replace trim tab if required
- Owner should follow recommendations in Operation and Maintenance Manual until next scheduled service Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name: _____
	Signed: _____ Date:     /     /
	R/O Number: _____
	Comments: _____ _____ _____

## 24 MONTHS / 200 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points)
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service water pump
- Remove and inspect propeller. Grease propeller shaft spline
- Torque propeller shaft nut to specification
- Check all electrical connections. Clean and reseal, if required
- Service battery and terminals
- Remove and inspect spark plugs, protectors and leads. Check compression (engine must be warm)
- Remove engine deposits with Quicksilver Power Tune Engine Cleaner
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Replace fuel pump diaphragm and check carburettor float levels
- Check carburettor throttle butterfly synchronisation
- Check primary and secondary throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace oil filter
- Check and adjust valve clearance, if necessary inspect timing belt

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump, cooling system and thermostat
- Throttle, gearshift and reverse lock operation
- Alternator is charging
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation
- Check for fault codes
- Check diagnostic codes
- Check DFI fuel and air pressure
- ECM and sensor operation

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system. Replace trim tab if required
- Owner should follow recommendations in Operation and Maintenance Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name: _____
	Signed: _____ Date:     /     /
	R/O Number: _____
	Comments: _____ _____ _____

## 36 MONTHS / 300 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points)
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service water pump
- Remove and inspect propeller. Grease propeller shaft spline
- Torque propeller shaft nut to specification
- Check all electrical connections. Clean and reseal, if required
- Service battery and terminals
- Remove and inspect spark plugs, protectors and leads. Check compression (engine must be warm)
- Remove engine deposits with Quicksilver Power Tune Engine Cleaner
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Replace fuel pump diaphragm and check carburettor float levels
- Check carburettor throttle butterfly synchronisation
- Check primary and secondary throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace oil filter
- Check and adjust valve clearance, if necessary inspect timing belt

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump, cooling system and thermostat
- Throttle, gearshift and reverse lock operation
- Alternator is charging
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation
- Check for fault codes
- Check diagnostic codes
- Check DFI fuel and air pressure
- ECM and sensor operation

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system. Replace trim tab if required
- Owner should follow recommendations in Operation and Maintenance Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name: _____
	Signed: _____ Date:     /     /
	R/O Number: _____
	Comments: _____ _____ _____

## 48 MONTHS / 400 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points)
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service water pump
- Remove and inspect propeller. Grease propeller shaft spline
- Torque propeller shaft nut to specification
- Check all electrical connections. Clean and reseal, if required
- Service battery and terminals
- Remove and inspect spark plugs, protectors and leads. Check compression (engine must be warm)
- Remove engine deposits with Quicksilver Power Tune Engine Cleaner
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Replace fuel pump diaphragm and check carburettor float levels
- Check carburettor throttle butterfly synchronisation
- Check primary and secondary throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace oil filter
- Check and adjust valve clearance, if necessary inspect timing belt

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump, cooling system and thermostat
- Throttle, gearshift and reverse lock operation
- Alternator is charging
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation
- Check for fault codes
- Check diagnostic codes
- Check DFI fuel and air pressure
- ECM and sensor operation

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system. Replace trim tab if required
- Owner should follow recommendations in Operation and Maintenance Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name: _____
	Signed: _____ Date:     /     / _____
	R/O Number: _____
	Comments: _____
	_____

## 60 MONTHS / 500 HOURS (WHICHEVER OCCURS FIRST) SERVICE CHECKUP

### Check Before Running

- Inspect outboard motor and accessories for visible damage
- Drain gear housing and refill with gear lube
- Lubricate all grease fittings, transom clamp screws, throttle/shift linkage (pivot points)
- Lubricate steering cable. Clean and lubricate cable end at engine
- Service water pump
- Remove and inspect propeller. Grease propeller shaft spline
- Torque propeller shaft nut to specification
- Check all electrical connections. Clean and reseal, if required
- Service battery and terminals
- Remove and inspect spark plugs, protectors and leads. Check compression (engine must be warm)
- Remove engine deposits with Quicksilver Power Tune Engine Cleaner
- Inspect fuel tank, fuel lines and connections
- Replace fuel filters and oil injection filter
- Replace fuel pump diaphragm and check carburettor float levels
- Check carburettor throttle butterfly synchronisation
- Check primary and secondary throttle pick ups and full throttle stop
- Check oil level and operation of power trim system and power trim gauge
- Check Thermostat and Poppet valve

### EFI and DFI

- Check T.P.S. settings

### 4 Stroke Only

- Change engine oil and replace oil filter
- Check and adjust valve clearance, if necessary inspect timing belt

### Check While Running

- Water pressure \_\_\_\_\_
- Operation of water pump, cooling system and thermostat
- Throttle, gearshift and reverse lock operation
- Alternator is charging
- Carburettor mixture and idle speed \_\_\_\_\_
- Operation of oil injection and low oil warning system
- Operation of steering system, remote controls and gauges

### OptiMax and EFI Models

- Use CDS to check engine operation
- Check diagnostic codes
- ECM and sensor operation
- Check for fault codes
- Check DFI fuel and air pressure

### Important

- Spray powerhead with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system. Replace trim tab if required
- Owner should follow recommendations in Operation and Maintenance Manual until next scheduled service
- Additional items maybe required depending on usage and /or application

## DEALER STAMP

	Technician Name: _____
	Signed: _____ Date:     /     /
	R/O Number: _____
	Comments: _____ _____ _____

# ENGINE LOG

DATE	TRIP DETAILS	HOURS	FUEL USAGE	WEATHER CONDITIONS/COMMENTS

# ENGINE LOG

DATE	TRIP DETAILS	HOURS	FUEL USAGE	WEATHER CONDITIONS/COMMENTS