



***MERCURY***<sup>®</sup>

# MerCruiser & Mercury Diesel Logbook



**MERCURY**

## IMPORTANT

- Maintenance must be completed by a Mercury Marine/Brunswick Marine *in* EMEA authorized dealer.
- At the completion of any maintenance check-up this book must be dated and signed by an authorized dealer.
- Failure to produce record of regular maintenance could invalidate your warranty.
- 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.
- Your responsibilities regarding special care and preventative maintenance are outlined in your Operation & 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 authorized certified service centre will provide you with factory trained technicians and will provide you with genuine Quicksilver replacement parts.



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**This logbook has been provided for your convenience.** Please take the time to fill out your Engine/Boat details, that you may need these for future reference. It is important that your details are kept up to date.

Engine Serial Number .....

Model Number .....

Drive Serial Number .....

Drive Model Number .....

Transom Serial Number .....

Transom Model Number .....

Date of Purchase .....

Propeller Number .....

Pitch .....

Ignition Key Number .....

Boat Model .....

Boat Make .....

Boat Length .....

Hull Number .....

Owner's Manual Reference .....

Owner's Name .....

Address .....

Postcode ..... City .....

Country .....



**MERCURY**

***Change of Owner/Address***

Date .....

Owner's Name .....

Address .....

Postcode ..... City .....

Country .....

E-mail address: .....

***Change of Owner/Address***

Date .....

Owner's Name .....

Address .....

Postcode ..... City .....

Country .....

E-mail address: .....

Transfer of Ownership: If you have purchased this product from the original owner, you will need to provide your details to your local distributor/branch, to ensure you receive the balance of the product warranty. See in the Operation & Maintenance manual for further details.



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## PREDELIVERY INSPECTION CHECKLIST

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

**Check before running (Please check the boxes or leave blank if not applicable)**

- Drain plugs in and petcocks closed
- Seawater valve open
- If seawater pickup used, check if transom hose is cut or removed, and block off plate installed (MCM)
- Engine Mounts tight and properly adjusted
- Engine alignment checked during installation (if applicable) (MCM)
- Drive unit fasteners torques (MCM)
- Correct rotation propeller (installed and torqued)
- Propeller Shaft Alignment (MIE)
- Inform about pitch and diameter. Provide Propeller P/N
- Power trim cylinder's fasteners tight (MCM)
- MerCruiser unit oil level (MCM)
- Transmission fluid level (MIE)
- Battery proper rating, fully charged and properly secured, brand & type, Amps/hr, cold cranking Amps
- All electrical connections tight and not exposed to bilge water
- MerCathode protection system connected direct to battery (MCM)
- Ground wire circuit continuity – check for loose connections
- Exhaust system hoses and clamps tight
- All water and fuel connections tight
- Check the riser height and the down angle to report in the PDI review (MIE)
- Throttle and shift system fasteners tightened properly and lubricated
- Throttle blade, electronic throttle levers open and close completely
- DTS configuration complete
- Crankcase oil level
- Power trim oil level (MCM)
- Power trim operation, check trim limit switch range (if applicable) (MCM)
- Power steering fluid level



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- Closed cooling level
- Alternator/circulating pump belt tension
- Power steering belt tension (MCM)
- Seawater pick up pump belt tension (ISE)
- Audio warning system operation

**Check while running**

- Starter neutral safety switch operation
- Water pump operation
- Water, fuel, oil and exhaust leaks
- Instrument operation (check RPM gauge position setting)
- Instrument operation second station (ISE)
- Idle RPM ..... (use CDS or G3)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Steering operation throughout the range (MCM)
- Acceleration from idle RPM
- WOT RPM ..... (measure with CDS or G3, verify with helm tachometer)
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Use CDS or G3 to check engine operation—Attach inspection form to the invoice
- Check engine load and report in the PDI report (Diesel only)

**Check after running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Coolant level
- Apply Quicksilver Corrosion guard to the engine package

***I certify that above checks and inspections have been completed***

Technician Name: ..... Passport No. ....

Date: .....

Dealer Stamp:

Dealer Number: .....
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**MERCURY**

## Preparation for Storage

### **WARNING**

As 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.

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 corrosion. Refer to lubrication chart in Operation and Maintenance Manual.

Lubricate swivel bracket, tilt tube and control linkage

Remove spark plugs

Apply Quicksilver Storage Seal into carburetors 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 Quicksilver corrosion guard

Apply 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 Quicksilver 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 water leak into the gear housing. Have your local authorized dealer service unit before storage. Failure to do so may cause damage to gears, bearings and shafts.



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## Customer Delivery Inspection

**(Please check the boxes or leave blank if not applicable)**

- Complete and process warranty registration – Provide customer with copy
- Operation and Maintenance Manual – Provide and review content with customer. Emphasize importance of “Safety Warnings” and Mercury engine testing procedure
- Operation of Equipment- Explain / demonstrate
- Lanyard stop switch
- Steering torque or pull, cause and effect, firm steering wheel grip, boat spin out, trim for neutral steering.
- U.S Coast guard capacity plate/CE capacity plate
- Proper seating
- Importance of life vest and throw cushion
- MerCruiser features and warning systems of the package
- SmartCraft gaugel(s) functions
- Off season storage and maintenance schedule
- Engine
- Boat
- Trailer (if applicable)
- External appearance of the outboard is acceptable (Paint, cowl, decals, etc)
- Warranty - Provide and explain the limited warranty to the customer. Explain dealer services
- Explain how to flush the engine

***I certify that the above information has been provided and explained to the customer.***

Sales person name: .....

Dealer Number: .....    
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**MERCURY**

## First 3 Months OR 20 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damages
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Check engine alignment
- Lubricate all grease fittings and splines
- Lubricate steering cable
- Service battery and terminals
- Inspect fuel lines and connections
- Replace fuel filter
- Check all fluid levels
- Check operation of power trim (MCM)
- Drive belts – check tension
- Change engine oil and filter
- Check engine compression
- Clean/check oil filter for Diesel engines
- Check for corrosion (all components)
- Check for oil/water/fuel leaks

### Check While Running

- Water pump operation
- Throttle and gear shift attachment/operation
- Idle RPM
- Check engine timing
- Operation of steering system
- Operation of gauges and lanyard safety switch
- Check engine operating temperature, oil pressure, charge rate
- Check audio warning
- Use CDS
- Check fault codes
- Check ECU and sensor operation
- Check carb adjustment (ISE)





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## Annual OR 100 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



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- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (SD)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (SD)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (SD)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....
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Remarks .....

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**MERCURY**

## Annual OR 200 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



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- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport no. ....

Dealer Number: .....
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Remarks .....

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**MERCURY**

## Annual or 300 Hours of Use Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No.....

Dealer Number: .....

Remarks .....

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**MERCURY**

## Annual OR 400 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

### Check While Running

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

### Check After Running

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....

Remarks .....

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**MERCURY**

## Annual OR 500 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



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- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....





**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....
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Remarks .....

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**MERCURY**

## Annual or 600 Hours of Use Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....

Remarks .....

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**MERCURY**

## Annual OR 700 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....

Remarks .....

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**MERCURY**

## Annual OR 800 Hours Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor





- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (MCM)
- Check timing
- Use DDT/CDS
- Check for fault codes
- Check ECU and sensor operation

**Check After Running**

- Oil, fuel or water leakage
- All fluid levels
- Propeller nut torque (MCM)
- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....

Remarks .....

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**MERCURY**

## Annual or 900 Hours of Use Service Checkup

ISE = If so equipped MCM = Sterndrive Unit/MIE = Inboard Unit

### Check Before Running (Please check the boxes or leave blank if not applicable)

- Inspect engine and accessories for visible damage
- Engine alignment check
- Rear engine mounts (torque to 54 N.m.) (MCM)
- Gimbal ring clamping screws (torque to 74 N.m.)
- Seawater pick-up pump – disassemble and inspect
- Drain gear housing and refill with appropriate Quicksilver Gear Lube (MCM)
- Gear Lube (MCM)
- Transmission fluid level (MIE)
- Lubricate all drive unit grease fittings (MCM)
- Drive unit bellows and clamps – inspect (MCM)
- Lubricate steering cable
- Ground wire circuit continuity – check for loose connections
- Service battery and terminals
- All electrical connectors tight and not exposed to bilge water
- Inspect fuel lines and connections
- Change fuel filter
- Crankcase oil and filter change
- Closed cooling coolant – replace if required
- Closed cooling - inspect pressure cap hoses and clamps (ISE)
- Heat exchanger – clean seawater section and check sacrificial anodes (ISE)
- Engine exhaust system – inspect
- Drive belts – check tension
- Flame arrestor crankcase ventilation hose – air filter clean/inspect
- Positive crankcase ventilation valve – change (ISE)
- Shift – throttle linkage lubricate
- Power steering fluid level (MCM)
- Water separating fuel filter – replace (ISE)
- Check compression – replace spark plugs if required
- Inspect spark plug wires, distributor cap and rotor



- Lubricate propeller shaft, drive shaft and shift shaft splines (MCM)
- Inspect corrosion control anodes/MerCathode (ISE)

**Check While Running**

- Starter neutral safety switch operation
- Water pump, cooling system and thermostat operation
- Check for oil, fuel, water and exhaust leaks
- Instrument operation/instrument operation second station (ISE)
- Idle RPM ..... (use workshop tachometer)
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
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- Power trim operation under load (MCM)
- Trim tab adjustment (ISE)
- Steering operation throughout range
- WOT RPM ..... (measure with workshop tachometer, verify with helm tachometer)
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- Use DDT/CDS
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**Check After Running**

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- All fluid levels
- Propeller nut torque (MCM)
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- Inspect corrosion control anodes
- Quicksilver MerCathode system – test output (ISE)
- Check/reset fault codes (ISE)
- Audio warning system operation (ISE)

Date: .....

Hours of Operation: .....



**MERCURY**

Dealer Stamp:

Passport No. ....

Dealer Number: .....
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Remarks .....

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**MERCURY**

## Engine Logs

Date	Trip Details	Hours	Fuel	Weather/ Comments



**MERCURY**

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