



Maintenance Logbook



90-889160R01

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.

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 Model Number

Transom Serial Number Model Number

Date of Purchase

Propeller NumberPitch

Ignition Key Number

Boat Model

Boat Make

Boat Length Hull Number

Owner's Name

Address

Postcode City

Country

Change of Owner/Address

Date

Owner's Name

Address

Postcode City

Country

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.



Legend

IB = Inboard

SD = Stern drive

ISE = If So equipped

Pre-delivery Inspection

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

- Drain plugs in and petcocks closed
- Seawater valve open (ISE)
- Engine Mounts tight
- Engine alignment checked
- Drive unit fasteners torques (SD)
- Correct rotation propeller (installed and torqued)
- Power trim cylinder's fasteners tight (SD)
- MerCruiser unit oil level (SD)
- Transmission fluid level
- Battery proper rating, fully charged and properly secured
- All electrical connections tight and not exposed to bilge water
- MerCathode protection system connected direct to battery
- Ground wire circuit continuity – check for loose connections
- Exhaust system hoses and clamps tight
- All water and fuel connections tight
- Throttle steering and shift system fasteners tightened properly and lubricated
- Throttle plates, electronic throttle levers open and close completely
- Crankcase oil level
- Power trim oil level (SD)
- Power trim operation, check trim limit switch range (SD)
- Power steering fluid level (SE)
- Closed cooling level (SE)
- Alternator/circulating pump belt tension
- Power steering belt tension (SE)
- Seawater pick up pump belt tension (ISE)
- Audio warning system operation (ISE)

Check while running

- Starter neutral safety switch operation
- Preheat indicator lamp operation (diesel engines only)
- Water pump operation
- Water, fuel, oil and exhaust leaks
- Instrument operation (check RPM gauge position setting)
- Instrument operation second station (ISE)
- Idle RPM _____ (use workshop tachometer)
- Check engine timing
- Forward – Neutral – Reverse gear operation
- Forward – Neutral – Reverse gear operation stop/start second station (ISE)
- Lanyard safety switch operation
- Steering operation throughout the range
- Acceleration from idle RPM



- WOT RPM _____ (measure with workshop tachometer, verify with helm tachometer)
- Power trim operation under load (SD)
- Trim tab adjustment (ISE)
- Use DDT/CDS to check engine operation

Check after running

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

I certify that above checks and inspections have been completed

Technician Name: _____

Marine Technician Passport No: _____

Date: _____

Dealer Stamp

Dealer Number:



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.



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 gauge(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

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

Sales person name: _____

Date: _____

Dealer Stamp

Dealer Number:
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First 3 Months of Use (or 20 Hours) Service Checkup

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 (SD)
- 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 (SD)
- Drive belts – check tension
- Change engine oil and filter
- Check engine compression

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 DDT/CDS
- Check fault codes
- Check ECU and sensor operation
- Check carb adjustment (ISE)

Check After Running

- Spray engine with Quicksilver Corrosion Guard to protect electrical connections and exposed metal surfaces from corrosion
- Inspect corrosion control anodes and system

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks

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Annual (or 100 Hours of Use) Service Checkup

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.) (SD)
- 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 (SD)
- Transmission fluid level (IB)
- Lubricate all drive unit grease fittings (SD)
- Drive unit bellows and clamps – inspect (SD)
- 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 (SD)
- 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 (SD)
- 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)

Storage

- Extended storage procedure completed – Refer to your “Operation, Maintenance & Warranty” manual to prepare your engine for out of season storage or prolonged storage (two months or longer)

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks.....

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Annual (or 200 Hours of Use) Service Checkup

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.) (SD)
- 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 (SD)
- Gear Lube (SD)
- Transmission fluid level (IB)
- Lubricate all drive unit grease fittings (SD)
- Drive unit bellows and clamps – inspect (SD)
- 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 (SD)
- 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 (SD)
- 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)

Storage

- Extended storage procedure completed – Refer to your “Operation, Maintenance & Warranty” manual to prepare your engine for out of season storage or prolonged storage (two months or longer)

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks.....

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Annual (or 300 Hours of Use) Service Checkup

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.) (SD)
- 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 (SD)
- Gear Lube (SD)
- Transmission fluid level (IB)
- Lubricate all drive unit grease fittings (SD)
- Drive unit bellows and clamps – inspect (SD)
- 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 (SD)
- 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 (SD)
- 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)

Storage

- Extended storage procedure completed – Refer to your “Operation, Maintenance & Warranty” manual to prepare your engine for out of season storage or prolonged storage (two months or longer)

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks.....

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Annual (or 400 Hours of Use) Service Checkup

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.) (SD)
- 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 (SD)
- Gear Lube (SD)
- Transmission fluid level (IB)
- Lubricate all drive unit grease fittings (SD)
- Drive unit bellows and clamps – inspect (SD)
- 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 (SD)
- 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 (SD)
- 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)

Storage

- Extended storage procedure completed – Refer to your “Operation, Maintenance & Warranty” manual to prepare your engine for out of season storage or prolonged storage (two months or longer)

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks.....

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Annual (or 500 Hours of Use) Service Checkup

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.) (SD)
- 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 (SD)
- Gear Lube (SD)
- Transmission fluid level (IB)
- Lubricate all drive unit grease fittings (SD)
- Drive unit bellows and clamps – inspect (SD)
- 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 (SD)
- 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 (SD)
- 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)

Storage

- Extended storage procedure completed – Refer to your “Operation, Maintenance & Warranty” manual to prepare your engine for out of season storage or prolonged storage (two months or longer)

Date: Dealer Number: Dealer stamp + signature: Hours of Operation:

Remarks.....

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Engine Log

Date	Trip Details	Hours	Fuel	Weather / Comments



Engine Log

Date	Trip Details	Hours	Fuel	Weather / Comments



Engine Log

Date	Trip Details	Hours	Fuel	Weather / Comments





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