

Mercruiser 3.0L MPI Features

RELIABILITY

- GM cast iron base engine with single-piece intake/exhaust manifold for long life and proven durability
- PCM09 control module controls Multi-Port Fuel Injection, High-Energy Ignition, Engine Guardian® and enables optional SmartCraft gauges and displays
- Exclusive Engine Guardian protection senses potential problems and virtually eliminates the chance for engine or drive damage due to overheating, low oil pressure or low drive lubricant
- Standard On-Board Diagnostics (OBD-M) allow technicians to access engine operating history for quick diagnosis and repairs
- Spin-on water separating fuel filter helps protect engine and fuel system from damage
- Dry-joint exhaust system helps prevent damaging water from reaching critical internal engine components
- Metal substrate catalytic converter to better resist vibration and potential exposure to moisture in harsh marine environments

PERFORMANCE

- Tuned intake manifold design with 56mm throttle body provides excellent torque and horsepower for demanding marine applications
- Multi-Port Fuel Injection provides easy starts – cold or hot – and automatically adjusts for changes in temperature, weather and altitude for maximum performance in any environment
- High energy distributorless ignition for quick starts and maximum power
- Low-restriction flame arrestor for added horsepower and torque
- Standard anti-feedback power steering provides a large reduction in steering effort and provides enhanced control at all boat speeds

EASY OWNERSHIP

- Convenient combination water drain and flush system makes periodic maintenance more efficient and allows boaters to extend their boating season into the cooler months without worrying about potential freeze damage
- The 3.0 MPI operates best on easy-to-find and less expensive 87 octane gasoline
- One-year/100-hour service intervals (see owner's manual for specific details) for engine oil and drive lubricant
- Three-year/300-hour maintenance interval for many periodic service items means less time servicing, more time on the water
- Color-coded service points make checking and adding fluids simple and clear
- Easy-access spin-on oil filter makes routine oil changes easier than ever
- Drive lubricant monitor warns of low fluid level and triggers Engine Guardian® protection
- Permalube® U-joints and sealed gimbal bearing are virtually maintenance-free
- The 3.0 MPI Alpha drive utilizes self-lubricating bushings, eliminating grease fittings and lubrication points for simplified maintenance

TECHNOLOGY

- PCM09 control module controls Multi-Port Fuel Injection, High-Energy Ignition, Engine Guardian♦ and enables optional SmartCraft gauges and displays
- Power Trim XD♦ system automatically returns the drive to the water in the event that the drive impacts an underwater obstacle, allowing the operator to maintain steering control
- Dual oxygen sensors constantly monitor air/fuel ratio for maximum performance and minimum emissions
- California Four-Star Super Ultra Low Emissions-certified

