

Outline of features

New electronic fuel injected F50 and F60 outboard motors have a mainly redesigned fuel and intake system based on the carbureted F60 outboard motor.

1

Power unit

- Single throttle body, single throttle valve
- Multi-point injection system, group injection (#1/#4 and #2/#3)
- Group ignition system (#1/#4 and #2/#3)
- Large plastic intake manifold
- Compact plastic fuel rail
- Modularized intake system components
- Vapor separator with built-in pressure regulator
- Solenoid valve
- Fuel cooler
- Aluminum rocker arm

Electrical

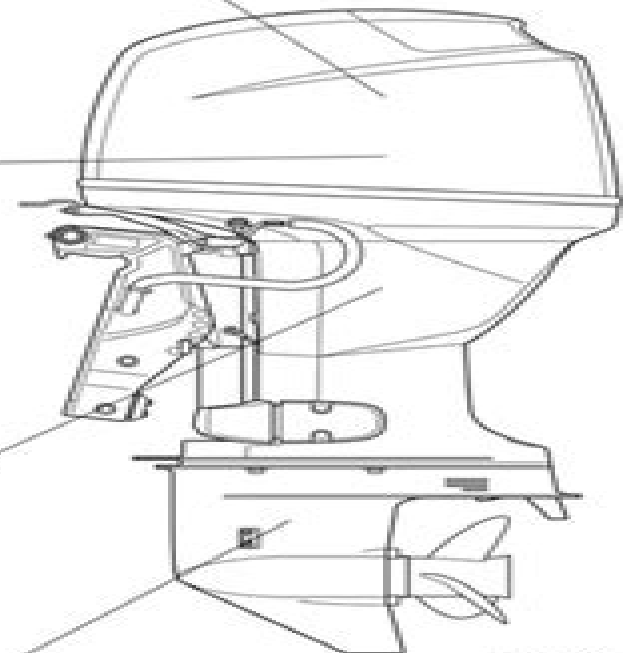
- Compact electronic fuel injection system
- Self-diagnosis system and Yamaha Diagnostic System
- Variable trolling RPM switch (optional for tiller handle model)
- Throttle position sensor with learning function (adjustment free)
- Compact charging system at low rpm
- Compact fuel injectors
- Fuel filter with water separator

Clamp bracket/upper case

- 2-piece upper case
- Upper portion case with oil sump
- Big capacity water wall structure around muffler
- Idle exhaust labyrinth structure
- Exclusive clamp bracket for permanent mounting

Lower unit

- Same lower drive unit as carbureted F60 model



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F50 Yamaha Outboard Service Manual

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