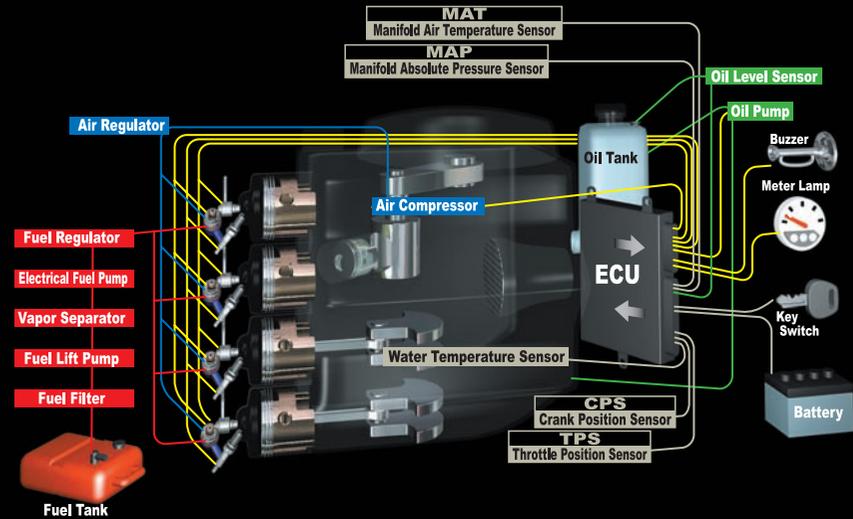


TECHNOLOGY AHEAD OF ITS TIME

TLDI

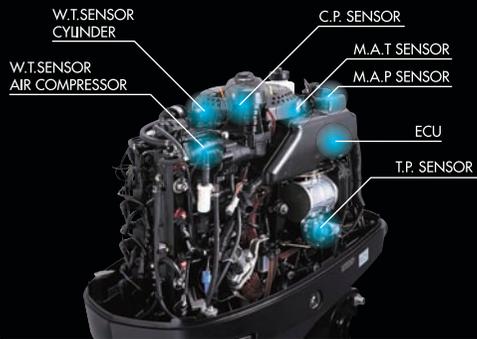


TLDI (Two-stroke, Low pressure, Direct Injection)



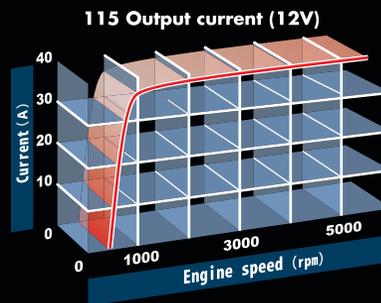
The 32-bit ECU (Engine Control Unit) uses its multiple sensors to give precise fuel injection instructions in accordance to the operating conditions it detects. This allows the motor to operate at maximum efficiency, giving boaters a great ride while providing exceptional fuel economy.

*TLDI meets all current regulations stipulated by the EPA (Environmental Protection Agency).



Individual sensors

6 individual sensors provide constant vital engine information to the ECU for maximum efficiency.
<115hp only>



High output alternator

Equipped with a high output alternator that produces 37amps of power even at 1,000rpm and a whopping 40amps at wide-open throttle.
<115hp only>



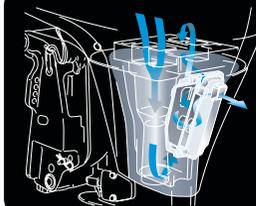
Engine control unit (ECU)

The 32 bit engine control unit controls the fuel injection and ignition timing for TLDI® outboards.



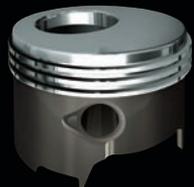
Direct fuel injection into cylinders

Due to the design of the cylinder head chamber and piston dome, the finely atomized fuel mist created by the fuel injector is injected near the spark plug to achieve ideal combustion.



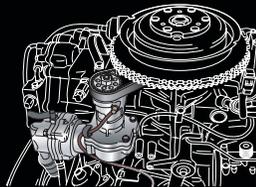
Idle noise reduction system

The exhaust gases and the sound are routed through the labyrinth exhaust. This process reduces the noise level to a minimum when exiting above the waterline through idle port.
<115hp only>



Pistons dedicated to TLDI® outboards

Teflon® coated pistons(Equipped on MD 70/90/115) with a concave shape to the head were specifically designed for TLDI® and significantly increase fuel combustion efficiency.



Air compressor

One of TLDI®'s essential engine components that is the driving force in achieving stabilized fuel injection.



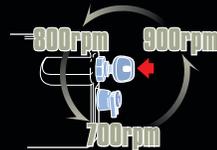
Freshwater flushing port

A convenient built-in freshwater flush system on the side of the engine simplifies routine engine flushing.
<115hp only>



Multifunctional tachometer

The tachometer informs the operator of potential problems through the meter indicator and warning lamp.



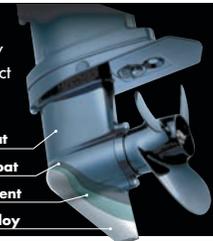
Three step trolling speed control

The idling speed can be set to any of the three rpm ranges, 700, 800 or 900, by adjusting it on your key switch. This feature allows you to select the ideal trolling speed for maneuvering during a variety of current and wind conditions.

New Paint Coating Process

2-part hardened Acrylic resin coating specially formulated for marine environment helps protect the engine from UV or salt water damage.

- Acrylic resin high solid paint coat
- Epoxy high solid primer undercoat
- Chemical conversion treatment
- Marine Grade Aluminum Alloy





MD 50/40



3+1 Year limited warranty



California C.A.R.B.
two star rating
for very low emissions.

TLDI

EXCEPTIONAL FUEL ECONOMY

From a short and leisurely stroll to a full day of fun; either way, you can rely on Tohatsu's exceptional fuel economy to keep you going. This means more money in your pocket and less trips to the pump!



>>> **SAVE GAS. SAVE TIME. SAVE MONEY.**

Tohatsu TLDI® benefits:

- Air assisted direct fuel injection system provides excellent fuel economy
- Quiet operation
- Excellent horsepower-to-weight ratio
- Lightweight and compact
- Very low emissions, EPA approved
- Tohatsu's unique 3+1 TLDI® limited warranty, one of the best standard Direct Injection warranties in the industry*

High performance and easy operation:

- Inductive ignition system for reliable starting
- Outstanding acceleration
- Oil reservoir opening located on the top of the motor for quicker and easier refill onboard
- Multi-point oil injection system to more completely lubricate vital engine components
- Power Trim & Tilt

Fundamentals for user convenience and reliability:

- Through-the-prop exhaust for a quieter ride
- Thermostatically controlled cooling system for consistent engine temperature
- Stainless steel water pump housing for outstanding durability
- High grade marine aluminum alloy that provides the ultimate protection against corrosion
- Zinc coating on internal water passages for superior corrosion resistance
- User adjustable idle and trolling speeds
- Tachometer and Trim & Tilt Gauge**
- Aluminum propeller
- Remote control box**

Warning and protection:

- Low oil level warning (visual and audible)
- Overheat warning (visual and audible)
- Battery voltage warning (visual only)
- Start-in-gear protection for safer engine starting
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Over-rev. limiter

* Recreational usage

** Remote control models

