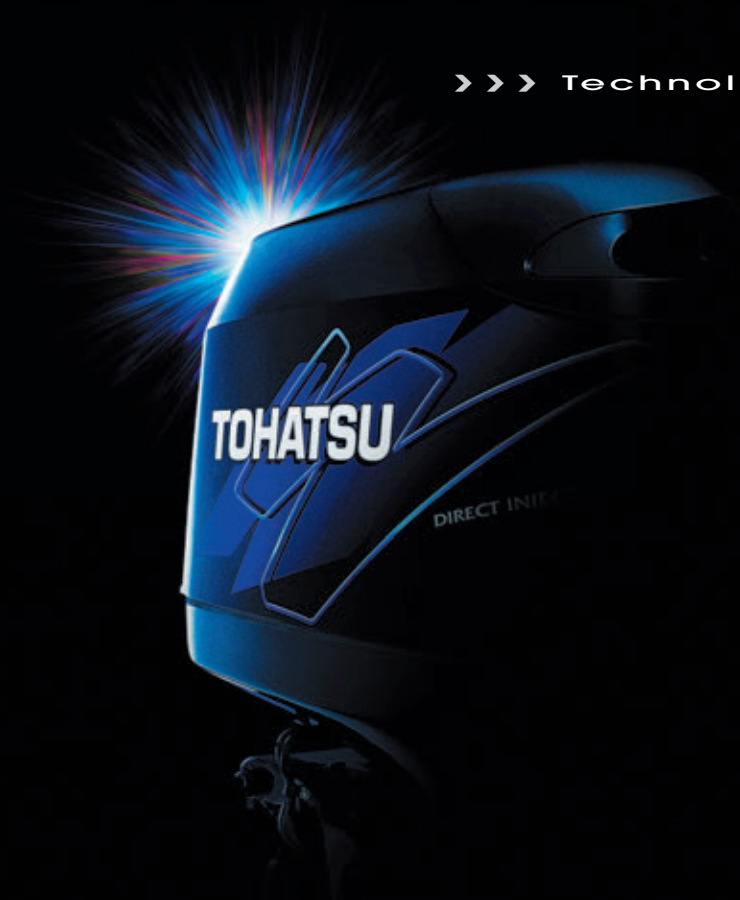


Delivering Reliability

>>> Technology for the Next Generation

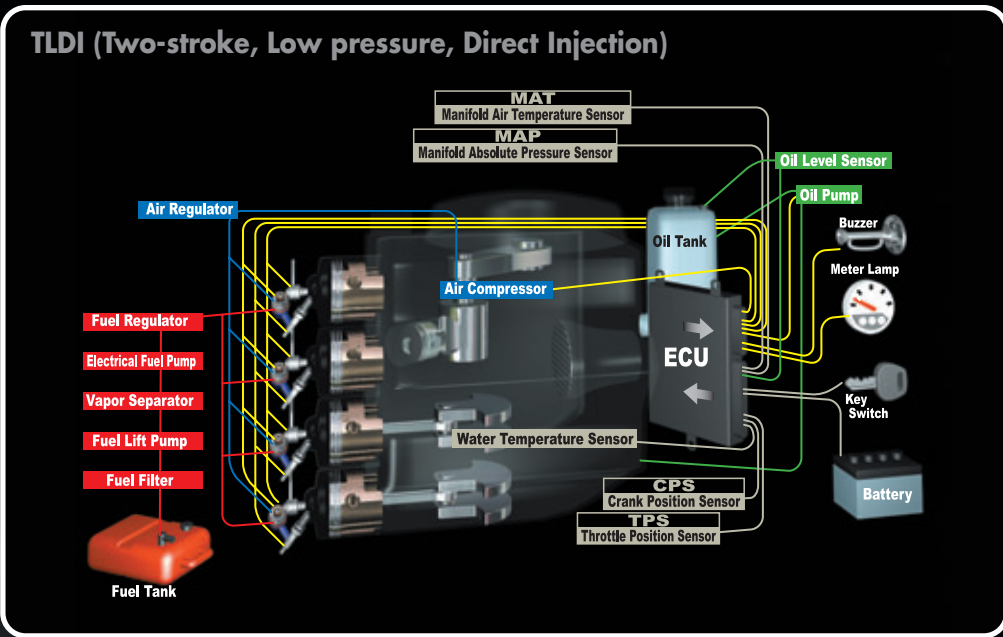


 **TOHATSU**
Outboards

2009

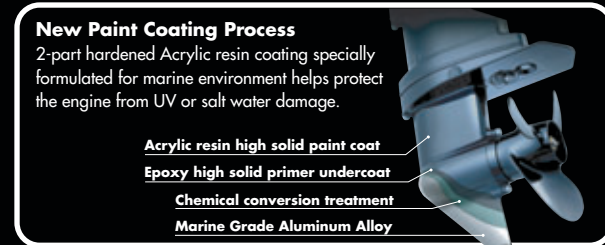
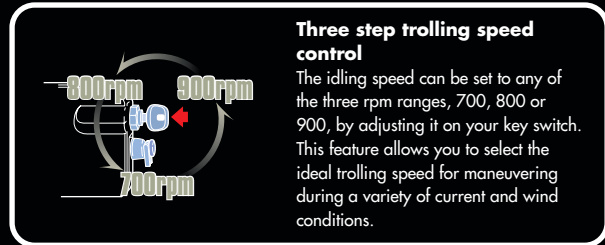
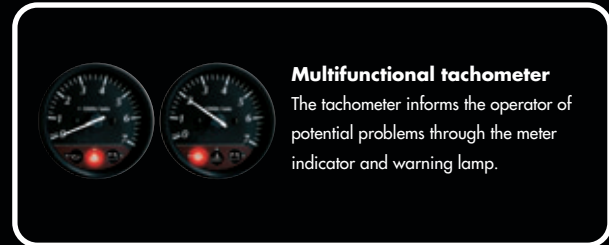
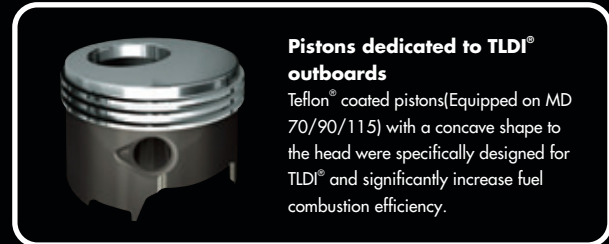
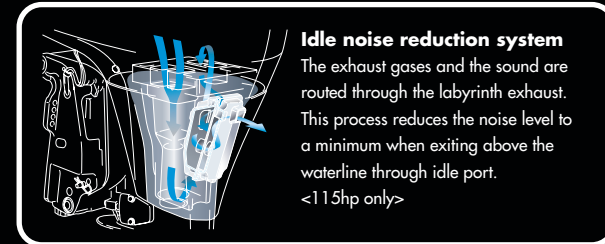
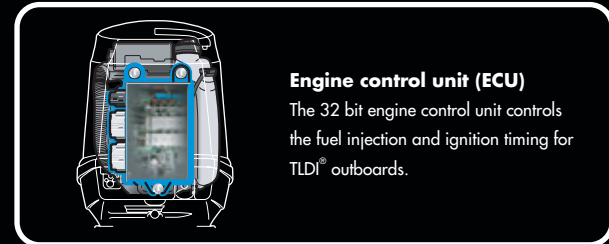
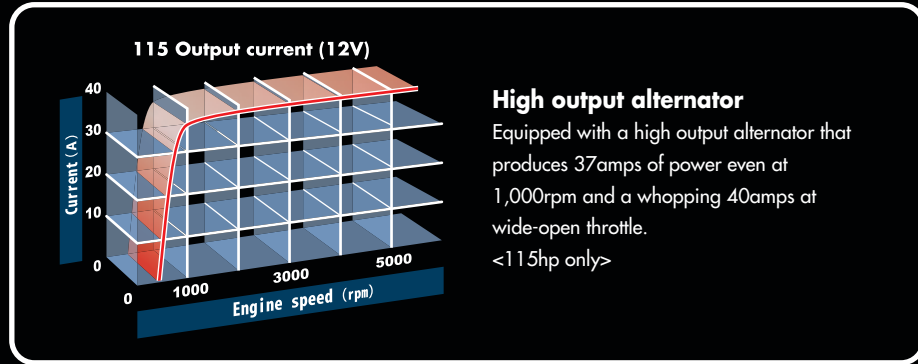
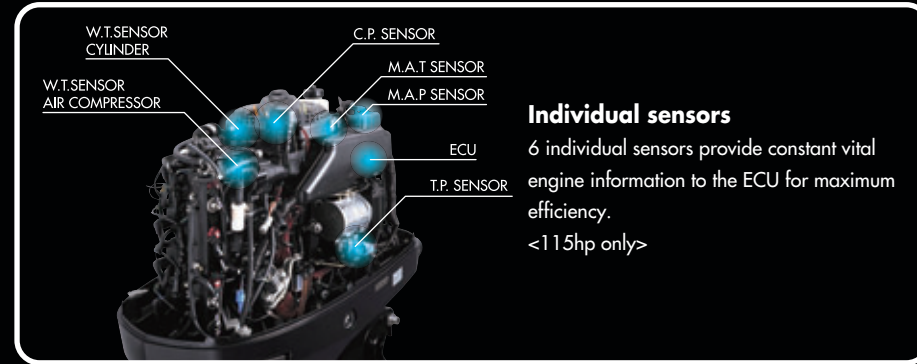
TECHNOLOGY AHEAD OF ITS TIME

TLDI



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).





» » » SIMPLE START. SIMPLE OPERATION. SIMPLE PLEASURE.



TLDI

POWERFUL ACCELERATION & EASY STARTING

Starting the engine is easy, and once it starts, the ultimate power gets you to where you need to be...fast and smooth! So go ahead, start the engine and go!

MD 115



- Tohatsu TLDI® 115 benefits:**
- Uniquely designed cowling with extra internal layering to provide a much quieter operation than conventional 2-stroke outboards
 - Equipped with a high output alternator that produces 37 amps of power even at 1000rpm and a whopping 40 amps at 3500-6000 rpm's
 - Comes standard with a convenient built-in freshwater flush system that simplifies routine engine flushing
 - Air assisted direct fuel injection system provides excellent fuel economy
 - Excellent horsepower-to-weight ratio
 - Lightweight and compact
 - Very low emission, U.S. EPA and CARB approved





>>> OWN IT. TRUST IT. LOVE IT.



MD 90/70



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

TLDI

RELIABILITY IS AN UNDERSTATEMENT

Indulge in some outdoor fun, worry free. The Tohatsu TLDI outboard engine will get you to your destination and back. You can count on it.



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 emission, U.S. EPA and CARB approved

High performance and easy operation:

- Inductive ignition system for reliable starting
- Outstanding acceleration
- Electronic oil pump for more precise oil regulation throughout the rpm range
- 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

* Remote control models





» » » SAVE GAS. SAVE TIME. SAVE MONEY.



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!



MD 50/40



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



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 emission, U.S. EPA and CARB approved

High performance and easy operation:

- Inductive ignition system for reliable starting
- Outstanding acceleration
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Warning and protection:

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- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Over-rev. limiter

* Remote control models



SMART TECHNOLOGY

ALL FOUR-STROKE MODELS MEET CURRENT REGULATIONS STIPULATED BY THE EPA (ENVIRONMENTAL PROTECTION AGENCY) IN 2006.

FOUR STROKE

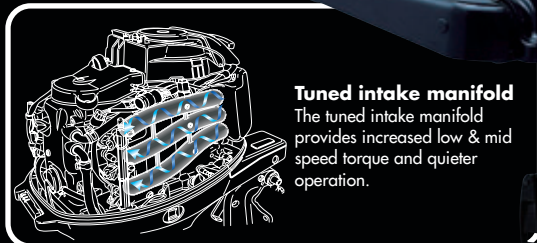
MFS 30/25 Fuel Injection

MFS 20/15/9.8/8

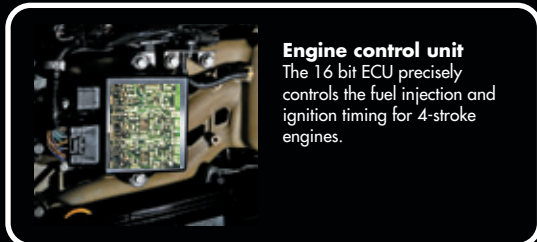
MFS 6/5/4/3.5/2.5



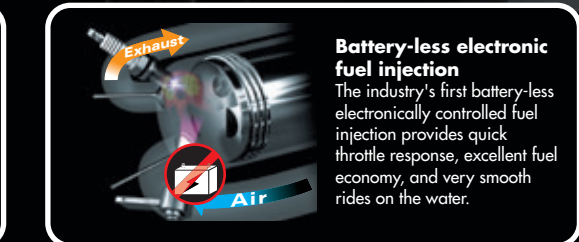
Tubular air-intake
The tubular structure of the air-intake, originally developed by Tohatsu, helps to take in necessary airflow to the engine while preventing water from entering into the motor cover.



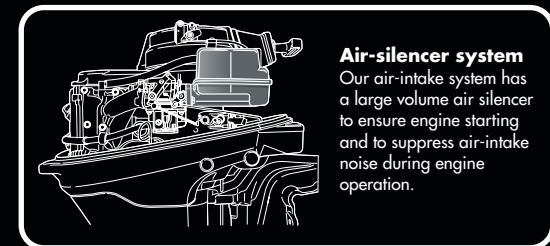
Tuned intake manifold
The tuned intake manifold provides increased low & mid speed torque and quieter operation.



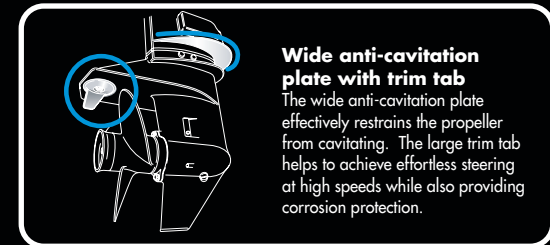
Engine control unit
The 16 bit ECU precisely controls the fuel injection and ignition timing for 4-stroke engines.

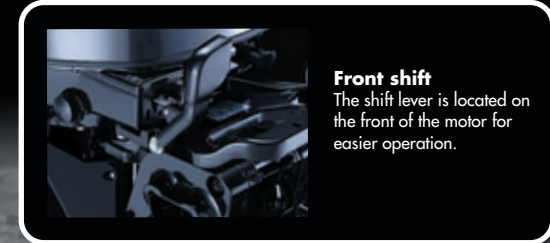
Battery-less electronic fuel injection
The industry's first battery-less electronically controlled fuel injection provides quick throttle response, excellent fuel economy, and very smooth rides on the water.



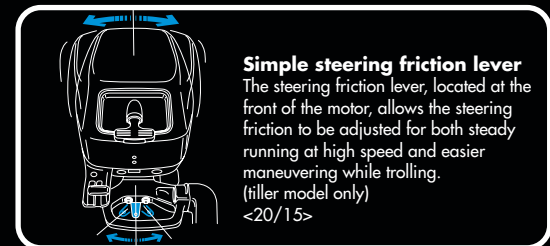
Air-silencer system
Our air-intake system has a large volume air silencer to ensure engine starting and to suppress air-intake noise during engine operation.



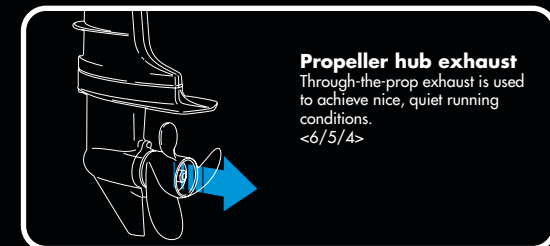
Wide anti-cavitation plate with trim tab
The wide anti-cavitation plate effectively restrains the propeller from cavitating. The large trim tab helps to achieve effortless steering at high speeds while also providing corrosion protection.



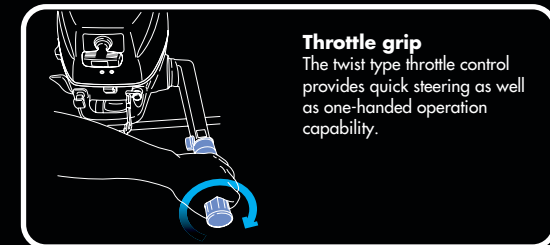
Front shift
The shift lever is located on the front of the motor for easier operation.



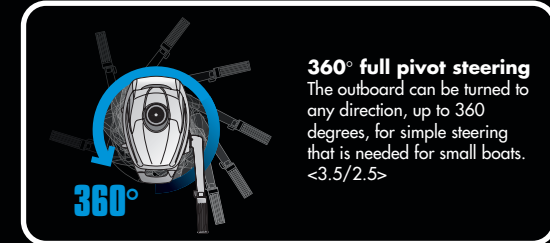
Simple steering friction lever
The steering friction lever, located at the front of the motor, allows the steering friction to be adjusted for both steady running at high speed and easier maneuvering while trolling. (tiller model only) <20/15>

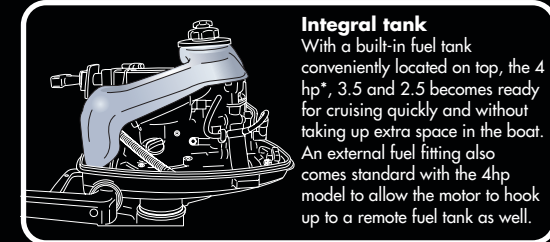
Propeller hub exhaust
Through-the-prop exhaust is used to achieve nice, quiet running conditions. <6/5/4>



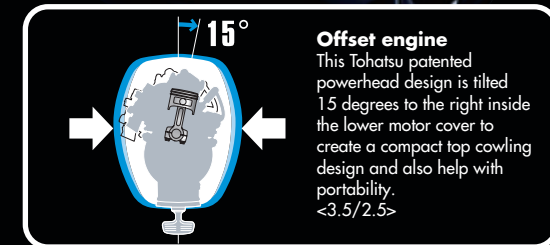
Throttle grip
The twist type throttle control provides quick steering as well as one-handed operation capability.



360° full pivot steering
The outboard can be turned to any direction, up to 360 degrees, for simple steering that is needed for small boats. <3.5/2.5>



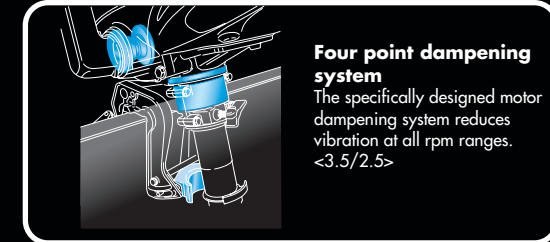
Integral tank
With a built-in fuel tank conveniently located on top, the 4hp*, 3.5 and 2.5 becomes ready for cruising quickly and without taking up extra space in the boat. An external fuel fitting also comes standard with the 4hp model to allow the motor to hook up to a remote fuel tank as well.

15° Offset engine
This Tohatsu patented powerhead design is tilted 15 degrees to the right inside the lower motor cover to create a compact top cowling design and also help with portability. <3.5/2.5>



An easy view sight-gauge
It's easy to check oil levels with the oil level indicator located on the side of the engine. <3.5/2.5>



Four point dampening system
The specifically designed motor dampening system reduces vibration at all rpm ranges. <3.5/2.5>





>>> **MAXIMUM POWER. MAXIMUM EFFICIENCY.**

FOUR STROKE

INNOVATION CAN'T BE BEAT!

Tohatsu introduced the industry's first battery-less electronic fuel injection system, taking these 30/25 models to the next level! You just can't beat the power, efficiency, reliability and innovation that Tohatsu outboard's reputation was built on.



MFS 30/25



California CARB
three star rating
for ultra-low emissions.



Tohatsu 4-stroke 30/25 benefits:

- Designed with proven technology
- Advanced cross-flow induction for smooth operation
- Canister style oil filter for easy replacement
- Larger capacity oil reservoir for optimum lubrication
- Tuned intake system for crisp takeoffs
- Ultra low emissions, U.S. EPA and CARB approved

High performance and easy operation:

- Electronic fuel injection
- The boating industry's first battery-less, manual start EFI 4-stroke
- Digital CD ignition system for quicker starts
- Large alternator and rectifier for superior battery charging
- Adjustable steering friction* and trim tab for reducing steering effort
- Front mounted shift lever for easier operation
- Trim settings, 6 positions*
- Gas assisted tilt (25)*
- Power trim & tilt*
- Remote control**

Fundamentals for user convenience and reliability:

- Through-the-prop exhaust for a quiet 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
- Decompression device for ease of manual starts
- Plastic 25 liter fuel tank for 30 and 25 include fuel fittings and fuel line
- Aluminum propeller

Warning and protection:

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

* Certain models ** Remote control models





» » » BUILT STRONG. BUILT TOUGH. BUILT TO LAST.



TOHATSU outboards receives Motorboating magazine's 2004 Editor's choice award for new lightweight yet powerful compact 9.8HP 4-Stroke

FOUR STROKE HANGING TOUGH

Don't let the small size fool you. These powerful engines are built tough enough to handle harsh marine conditions. Whether you like a smooth ride or a little rough water, these outboards are built to last. You can't ask for a better partner out on the water than Tohatsu!

NEW

MFS 15/20 *Power Tilt*



Light and compact power tilt and transom bracket

New this year! Our 15hp and 20hp with power tilt for better operation! This new 4-stroke is preferred for inflatables and small fishing boats.



Tohatsu 4-stroke benefits:

- Light and compact!
- Designed with proven technology
- Advanced cross-flow induction for smooth operation
- Available in a wide variety of models
- Canister style oil filter for easy replacement <20/15>
- Larger capacity oil reservoir for optimum lubrication
- Tuned intake system for crisp takeoffs
- Greatly reduced induction noise for a quieter ride
- Trim tab reduces steering effort, functioning also as the sacrificial anode that protects the engine from electrolysis
- Ultra Low emissions, U.S. EPA and CARB approved

Easy operation and handling:

- Digital CD ignition for easier engine starting, quicker throttle response and smoother trolling
- Fast-Idle choke system allowing easier manual choke operation <9.8/8>
- Recoil starter with larger reel making manual starting fast and easy
- Large alternator and rectifier for superior battery charging
- Front mounted shift lever for easier operation
- Remote control models available <20/15/9.8>
- Trim settings, 6 positions*
- Adjustable steering friction* for reducing steering effort

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
- Plastic 12 liter fuel tank include fuel fittings and fuel line with fuel gauge on the cap
- Aluminum propeller

Protection:

- Low oil pressure warning <20/15>*
- Low oil pressure indicator <9.8/8>
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Start-in-gear protection for safer engine starting
- Over-rev. limiter

* Certain models



MFS 20/15/9.8/8





>>> EASY TO CARRY. EASY TO INSTALL. EASY TO USE.

FOUR STROKE TRUE CONVENIENCE

Lightweight and portable, these models also offer the most convenience. Our 3.5/2.5 hp models have a throttle grip on the steering handle and a 360 degree full pivot steering. How's that for convenience? Boating is not meant to be complicated. With Tohatsu, boating is simple.

NEW

MFS 6 SailPro

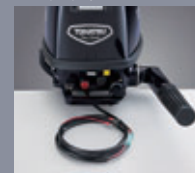
New Power Option for Sailboats!

Tohatsu's uniquely designed 6 hp, 4-stroke motor is ideal for sailboats or any marine vessel requiring a 25" shaft outboard motor.

Lightweight and portable, the Ultra-long also comes equipped with a 5 amp/12V charging system, charging cable and a high thrust sail drive propeller.



Built-in 5 amp/12V charging system



Charging cable included



Equipped with the high thrust sail drive propeller



MFS 6/5/4/3.5/2.5



California C.A.R.B.
three star rating
for ultra-low emissions.



Tohatsu 4-stroke benefits:

- Light and compact!
- Designed with proven technology
- Greatly reduced induction noise for a quieter ride
- Sacrificial anode that protects the engine from electrolysis
- Ultra Low emissions, U.S. EPA and CARB approved

Easy operation and handling:

- Digital CD ignition for easier engine starting, quicker throttle response and smoother trolling
- Fast-idle choke system allowing easier manual choke operation
- Recoil starter with larger reel making manual starting fast and easy
- Shallow water drive <6/5/4>
- Adjustable steering friction for reducing steering effort

Fundamentals for user convenience and reliability:

- Through-the-prop exhaust for a quieter ride <6/5/4>
- Thermostatically controlled cooling system for consistent engine temperature
- Stainless steel water pump housing liner for outstanding durability <6/5/4>
- High grade marine aluminum alloy that provides the ultimate protection against corrosion
- Zinc coating on internal water passages for superior corrosion resistance
- Plastic fuel tank
- 6/5 hp : Separate 12 liter fuel tank with fuel fittings and fuel line
- 4 hp : Built-in 1.3 liter includes fuel connector for use with an optional external fuel tank
- 3.5/2.5 hp : Built-in 1 liter integral tank
- Aluminum propeller <6/5/4>

Protection:

- Low oil pressure indicator <6/5/4>
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Start-in-gear protection for safer engine starting <6/5/4>
- Over-rev. limiter

* Certain models





»»» **READY. GET SET. GO...AND KEEP GOING!**



TWO STROKE

PROVEN TECHNOLOGY & RELIABLE PERFORMANCE

These Tohatsu 2-strokes are world famous for their reliability, terrific-horsepower-to-weight ratios and top-of-the-line performances! These in-line 4-cylinder and 3-cylinder outboards provide all of the extra features you want and need without compromising Tohatsu's well-known quality.

These outboards will give you performance and reliability for your long days of boating pleasure.

M 25C3JET *JetDrive*



The perfect choice for navigating small boats in shallow water, white-water rapids, over sand bars, shoals, etc. Excellent reliability with proven 2-stroke technology. The Tohatsu jet drives' simplicity in design results in ease of operation with a minimum of moving parts.

The jet drive power model rating is a designation of actual performance resulting from the use of a jet pump in comparison to an equivalent propeller hose power.



**M140/120/115/90/70/60/
W50/50/40c/40/30/25/25C3JET**



The Tohatsu 140, 120, 115, 90, 70, 60, 50 and 40D hp 2-strokes come standard with the following features:

Tohatsu 2-stroke benefits:

- Excellent reliability with proven 2-stroke technology
- Simple in design
- Fuel & oil automixing for optimum lubrication*

Easy operation and handling:

- Loop charged induction for smooth operation and fuel economy
- CD ignition system for quicker starts
- Power Trim & Tilt*
- Remote control**
- Oil reservoir located on the top of the motor for quick and easy refills*

Fundamentals for user convenience and reliability:

- Through-the-prop exhaust for a quiet 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
- Multi-function gauge incorporating a tachometer, an oil level gauge, and a trim meter*
- Aluminum propeller

Warning and protection:

- Electronic Safety Governor limits engine rpm to protect the outboard against over-reving
- Overheat warning (audible) <40 & 50:Opt.>
- Water pressure sensor <140, 120, 115 & 90 only/70 & 60:Opt.>
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Start-in-gear protection for safer engine starting

* Certain models ** Remote control models

The Tohatsu 40c, 30 and 25 hp 2-strokes come standard with the following features:

Tohatsu 2-stroke benefits:

- Excellent reliability with proven 2-stroke technology
- Simple in design

Easy operation and handling:

- Loop charged induction for smooth operation and fuel economy
- CD ignition system for quicker starts
- Remote control**

Fundamentals for user convenience and reliability:

- Through-the-prop exhaust for a quiet 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
- Aluminum propeller

Protection:

- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
- Start-in-gear protection for safer engine starting

** Remote control models





»»» **PROVEN TECHNOLOGY & RELIABLE PERFORMANCE**



TWO STROKE

PROVEN TECHNOLOGY & RELIABLE PERFORMANCE

Tohatsu gives boaters exactly what they need: more power and less weight! All of these truly portable models offer an incredible horsepower-to-weight ratio. These are the ultimate outboards for convenience and portability. The 5 weighs only 19 kgs. And the 2.5 and 3.5 weigh in at 12.5 and 13 kgs., respectively! Wherever you're going, there's a little Tohatsu to take with you!

M18/15/9.9/9.8/8/6/5/4/3.5/2.5



The Tohatsu 18, 15, 9.9, 9.8, 8 and 6 hp 2-strokes come standard with the following features:

- Tohatsu 2-stroke benefits:**
- Excellent reliability with proven 2-stroke technology
 - Simple in design
- Easy operation and handling:**
- Loop charged induction for smooth operation and fuel economy
 - CD ignition system for quicker starts
 - Remote control**
- Fundamentals for user convenience and reliability:**
- Through-the-prop exhaust for a quiet 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
 - Aluminum propeller

- Protection:**
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)
 - Start-in-gear protection for safer engine starting

** Remote control models



The Tohatsu 5, 4, 3.5 and 2.5 hp 2-strokes come standard with the following features:

- Tohatsu 2-stroke benefits:**
- Excellent reliability with proven 2-stroke technology
 - Simple in design
- Easy operation and handling:**
- Loop charged induction for smooth operation and fuel economy
 - CD ignition system for quicker starts
 - Carrying handle
- Fundamentals for user convenience and reliability:**
- High grade marine aluminum alloy that provides the ultimate protection against corrosion
 - Zinc coating on internal water passages for superior corrosion resistance
 - Shifting: Forward (F) - Neutral (N) - Reverse (R) <5 only>
 - 3.5B hp: F - N with shift lever, R by 360 degree steerability
 - 3.5A/2.5A hp: F - R by 360 degree steerability
 - Aluminum propeller (resin propeller on 3.5 & 2.5)
 - Built-in fuel tank 1.4 liter (3.5 & 2.5)
 - Built-in fuel tank 2.5 liter (4)
 - Separate fuel tank with Built-in fuel tank 2.5 liter (5)

- Protection:**
- Safety lanyard (an essential protection feature standard on all Tohatsu outboards)

* Certain models



GENUINE TOHATSU PARTS AND ACCESSORIES

Tohatsu dealers and Authorized Service Centers provide only genuine Tohatsu parts and accessories designed to maximize your Tohatsu outboard's performance.

Engine Oil & Care Products

Genuine Tohatsu Engine Oil is specially formulated to work with all Tohatsu engines, 2-strokes, TLDI and 4-strokes. Tohatsu Genuine Oils contain additional additives and detergents to keep your Tohatsu outboard running at peak performance.



MD PLATINA OIL

Part Number	Description	Models
3Y9-72302-0	1L x 20/1 case	TLDI
3Y9-72304-0	4L x 6/1 case	TLDI



Four Stroke Engine Oil

Part Number	Description	Models
3AC-72300-0	1L x 20/case	Four Stroke
3AS-72300-0	0.45L x 20/case	Four Stroke



Super Gold

Part Number	Description	Models
3C7-72301-0	0.4L x 20/1 case	Two Stroke
3C7-72302-0	1L x 20/1 case	Two Stroke
3C7-72304-0	4L x 6/1 case	Two Stroke
3C7-72303-0	20L x 1/1 case	Two Stroke

Gauges

A variety of Tohatsu gauges are available through your local dealer; hour meters, speedometers, tilt/trim gauges, Analog and LCD tachometers and even multi-function LCD gauges. All manufactured to Tohatsu's precision standards. See your dealer for a complete list of all Tohatsu gauges available for your outboard.

Tachometers

These 100mm(4") 7,000 max rpm Tachometer are available with or without warning lamp. Tachometer can be used on all electric start models by using select 4, 6 or 12 pole switch on rear of meter. Lead wire, mounting hardware included.

Part Number 3B7-72530-2 (without Warning Lamp)

Models 2-Stroke Pre-Mix Oil Model

3N8-72640-1 (with Warning Lamp) 4-Stroke & 2-Stroke Auto Mixing Oil Model

3Z5-72640-1 (with Warning Lamp) TLDI Model

Multi Purpose Meter

These 100mm(4") 7,000 max rpm Tachometer are easy to read LCD digital readout displays engine rpm, trim angle, oil level, warning lamps. Lead wire, mounting hardware included.

Part Number 3E0-72648-0

Description 50 M.P.H. Kit 3/3/8" Diameter

Part Number 3E0-72649-0

Description 75 M.P.H. Kit 3/3/8" Diameter

Speedometers

These Speedometers with in M.P.H. and Km/h. Includes vinyl pipe, sender and hardware.

Part Number 3E0-72648-0

Description 50 M.P.H. Kit 3/3/8" Diameter

Part Number 3E0-72649-0

Description 75 M.P.H. Kit 3/3/8" Diameter

Trim Meter

Magnetic type gauge shown angle for optimum performance and efficiency. 2 1/16" diameter. Includes installation hardware.

Part Number 3T1-72571-0

Models All Power Tilt Model

Volt Meter

Monitors your charging system. Includes harness and installation hardware.

Part Number 3E0-72529-0

Hour Meter

Indicates the number of hours your outboard motor has been operated to indicate when periodic services are necessary.

Part Number 3E0-72524-0

Water Pressure Meter

Monitors your cooling water pressure. Includes vinyl pipe and installation hardware.

Part Number 3E0-72598-0

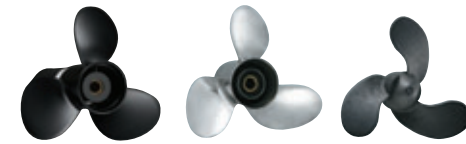
Water Temperature Meter

Monitors your cooling water temperature. Includes vinyl pipe and installation hardware.

Part Number 3E0-72597-0

Propellers

The propeller selection chart can be used to help you in selecting the correct propeller for your Tohatsu outboard. Remember that in any application, discrepancies in performance can result due to the different boat hull designs, the final carrying load and your particular needs.



Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M2.5A2	M3.5A2	M3.5B2	MFS1.5A/1.5A	
M2.5/3.5A2/3.5B2 (2-Stroke) & MFS2.5A/3.5A (4-Stroke)	188	7.4	4.5	Plastic	●	●	●	●	314-64103-0
	188	7.4	6	Plastic	(S,L)	(S,L)	●	●	309-64106-0
	188	7.4	7	Plastic	●	(S,L)	(S,L)	●	3F0-64101-0
	188	7.4	6	Aluminum	●	●	●	●	309B64107-0
188	7.4	6	Aluminum	●	●	●	●	3F0-64102-0	

Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number
	mm	in			M25C3/30A4	MFS25/30B	
M25C3/30A4 (2-Stroke) & MFS25/30B (4-Stroke)	260	10.2	8	Aluminum	●	●	346B64106-5
	252	9.9	9	Aluminum	●	●	3R0B64518-0
	252	9.9	10	Aluminum	(UL)	(UL)	3R0B64521-0
	252	9.9	11	Aluminum	(L)	(L)	3R0B64523-0
	252	9.9	12	Aluminum	●	●	3R0B64525-0
257	10.1	13	Aluminum	(S)	(S)	3R0B64527-0	
252	9.9	14	Aluminum	●	●	349B64529-1	

Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M40C	M40C	M40C	M40C	
M40C (2-Stroke)	290	11.4	7	Aluminum	●	●	●	●	348B64108-0
	285	11.2	8.5	Aluminum	●	●	●	●	348B64107-0
	276	10.9	9	Aluminum	●	●	●	●	361B64115-0
	275	10.8	10	Aluminum	●	●	●	●	361B64109-0
	268	11.6	11	Aluminum	(S,L,UL)	(S,L,UL)	(S,L,UL)	(S,L,UL)	361B64113-0
290	11.4	12	Aluminum	●	●	●	●	3T5B64525-0	
282	11.1	13	Aluminum	●	●	●	●	3T5B64527-0	

Model	Propeller Dia		Pitch	Material	Standard Propeller				Part Number
	mm	in			M40D2	M50D2	MD40B	MD50B	
M40/50D2 (2-Stroke) & MD40/50B (TLDI)	290	11.4	7	Aluminum	●	●	●	●	348B64108-0*
	307	12.1	9	Aluminum	●	●	●	●	3T5B64518-0
	295	11.6	11	Aluminum	(S,L)	(S,L)	(S,L)	(S,L)	3T5B64523-0
	290	11.4	12	Aluminum	(LL,UL)	(S,L)	(UL)	(S,L)	3T5B64525-0
282	11.1	13	Aluminum	●	●	●	●	3T5B64529-0	
279	11.0	15	Aluminum	●	●	●	●	3T5B64532-0	

Control Boxes

Our Side Mount and Binnacle Mount control boxes are designed to provide remote throttle & shift control for Tohatsu outboards. Side Mount control boxes come standard with all Tohatsu remote control models. Binnacle Mount (top mount) control boxes are available for console mounting.

Side Mount Remote Control Box

Designed for Tohatsu outboards. Standard features include a fast warm-up lever, Key type ignition switch, an emergency stop switch, choke switch, PTT Switch (as selected models) and 6.3M (21FT) wiring harness.

Part Number	Description	Models
3B7Q84330-2	RC5A	25/30hp (4-Stroke)
3B7Q84340-2	RC5B	40-90hp (2-Stroke) with PTT
3B7Q84350-3	RC5C	15-30hp (4-Stroke)
3B7Q84360-1	RC5D	40-90hp (2-Stroke) without PTT
3B7Q84370-2	RC5E	8/9, 8hp (4-Stroke)
3T5Q84500-1	RC5F	8B-40C (2-Stroke) with electric starter
3T5Q84500-1	RC5F	4C-40C (2-Stroke) without electric starter
3T5Q84500-1	RC5F	M120/140A2 (2-Stroke)
		MD40/50/70/90B/115A (TLDI)
		MD40/50/70/90/115 TLDI

Drag Link

Specially designed for Tohatsu outboards

Part Number	Description	Models
3AA-84905-0	Drag Link J	MFS8/9.8A3 (4-Stroke)
3C2-84905-0	Drag Link G	M9.9D2/15D2/18E2 (2-Stroke)
3E0-84905-0	Drag Link H	MFS15-30B (4-Stroke) & M60/70C/90A/115/120/140A2 (2-Stroke)
346-84905-1	Drag Link C	MD70/90B/115A (TLDI)
361-84905-1	Drag Link B	M25C3/30A4 (2-Stroke)
3C8-84910-2	Drag Link E	M40C (2-Stroke)
		M40/50D2 (2-Stroke)
		MD40/50B (TLDI)

Vertical Starting Device Kit

Converts a manual start from a horizontal to vertical direction pull.

Part Number	Models
369B05911-0	M4C/5B (2-Stroke) & MFS4/5/6B (4-Stroke)
3B2B05911-0	M6/8/9.8B (2-Stroke)

Remote Control Fitting Kit

This R.C. fitting kit is conversion Remote Control steering, throttle and shift from Tiller handle functions.

Part Number	Models
369-83880-2	M4C/5B (2-Stroke)
3B2-83880-3	M6/8/9.8B (2-Stroke)
398-83880-1	M9.9/15D2/18E2 (2-Stroke)
3A1-83880-1	M25C3/30A4 (2-Stroke)
361-83880-3	M40C (2-Stroke)
3AS-83880-1	MFS4/5/6B (4-Stroke)
3V2-83880-0	MFS8/9.8A3 (4-Stroke)
3AC-83880-0	MFS20/30B (4-Stroke)

Pre-Rigging Kits

Side Mount type Pre-rig kits

Part Number	Applicable Models
3Y7Q84550-4	TLDI Models ~2008(XH)
3Y7Q84550-5	TLDI Models 2009-(XI)

TOP/Dual Binnacle type Pre-rig kits

Part Number	Applicable Models
3Z5-84550-4	TLDI Models ~2008(XH)
3Z5-84550-5	TLDI Models 2009-(XI)

TOP MOUNT CONTROLS

Part Number	Description
3U1-84490-0	Single Top Mount Controls (Right Hand Lever)
3T1-84490-0	Single Top Mount Controls (Left Hand Lever)
3U1-84540-0	Dual Top Mount Controls

FLASH MOUNT CONTROLS

Part Number	Description
3U1-84600-0	Flush Mount Controls (SL3F)

Propeller Hardware Kits

Part Number	Models
3H6-87326-0	M4C/5B (2-stroke)
3V1-87326-0	MFS4/5/6B (4-stroke)
3V9-87326-0	M8/9.8B (2-stroke)
3R0-87326-0	MFS8/9.8A3 (4-stroke)
3T5-87326-0	M9.9/15D2/18E2 (2-stroke)
	MFS9.9/15/20C (4-stroke)
	M25C3/30A4 (2-stroke)
	MFS25/30B (4-stroke)
	M40/50D2 (2-stroke)
	MD40/50B (TLDI)

GENUINE TOHATSU PARTS AND ACCESSORIES

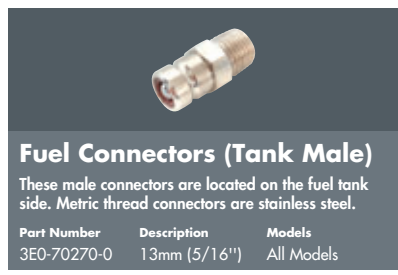
Fuel Tanks



Plastic Fuel Tank

These fuel tank are constructed of High-quality and UL approved. The 25L (6.6-gallon) tank includes cap and fuel level gauge. The 12L (3.1-gallon) tank has not fuel level gauge.

Part Number	Description	Models
3B2-70167-0	12 Litter (3.1 Gallon)	
3C7-70177-0	25 Litter (6.6 Gallon)	



Fuel Connectors (Tank Male)

These male connectors are located on the fuel tank side. Metric thread connectors are stainless steel.

Part Number	Description	Models
3E0-70270-0	13mm (5/16")	All Models



Fuel Connectors (Tank Female)

These female connectors fit tank end of the hose for quick connect and disconnect

Part Number	Description	Models
3B2-70281-0	13mm (5/16")	All Models



Fuel Connectors (Engine Male)

These male connectors are located on the engine side, for fuel hose attachment.

Part Number	Description	Models
3B2-70260-1	13mm(5/16")	5-90hp (2-Stroke) & 40-90hp (TLDI)
394-70260-0	13mm(5/16")	4-30hp 4-Stroke
3C7-70260-0	13mm(5/16")	120/140hp 2-Stroke



Fuel Connectors (Engine Female)

These female connectors fit engine end of the hose for quick connect and disconnect.

Part Number	Description	Models
3B2-70260-1	8mm(5/16")	M5-90hp (2-Stroke) MD40-90 (TLDI)
394-70260-0	8mm(5/16")	MFS4-30hp (4-Stroke)
3C7-70260-0	8mm(5/16")	M120/140hp (2-Stroke)



Fuel Line Hoses

Long life, fuel resistant hose has quick connect type fitting on tank and engine end. Includes built in primer bulb in this 2.46m (8 ft)

Part Number	Models
3B7-70200-3	5-90hp (2-Stroke) & 40-90hp (TLDI)
3H6-70200-0	4-30hp (4-Stroke)
3E0-70200-0	120/140hp (2-Stroke)

Repair Kits and Optional Accessories



Alternator Kit

These Alternator Kit are used installing manual start models.

Provides A.C 12V, power. Supplies A.C. current which requires either a regulator for lighting or charging rectifier kit for D.C. battery charging. Kit include an alternator, screws and clamp for mounting under flywheel assembly.

Part Number	Description	Models
3H6-06128-0	12V 60W	M4C/5B (2-Stroke) & MFS4/5/6A2 (4-Stroke)
3B2-06128-0	12V 80W	M6/8/9.8B (2-Stroke)
3V1-06128-0	12V 80W	MFS8/9.8A (4-Stroke)
3V2-06128-0	12V 80W	MFS8/9.8A3 (4-Stroke)



Charging Rectifier Kit

For use with alternator coils, these provide D.C. current for recharging a 12 volt battery. Kit include a rectifier, wiring, mounting, bolt, washer and clamp.

Part Number	Models
3H6-76160-0	MFS4/5/6B (4-Stroke)
346-76160-2	M6B through M40C (2-Stroke)
3V2-76160-0	MFS8/9.8A3 (4-Stroke)
3BJ-76160-0	MFS15/20C (4-Stroke)
3C8-76160-2	M40/50D2 (2-Stroke)
3AC-76160-0	MFS25/30B (4-Stroke)



Electric Starter Kit (For Tiller Handle Models)

Part Number	Description	Models
3B2-76300-3	with Flywheel	M6/8/9.8B (2-Stroke)
3V2-76300-0	with Flywheel	MFS8/9.8A3 (4-Stroke)
3G2-76300-2	with Flywheel	M9.9/15D2/18E2 (2-Stroke)
3BJ-76300-0		MFS15/20C (4-Stroke)
3P0-76300-0		M25C3/30A4 (2-Stroke)
361-76300-0		M40C (2-Stroke)
3C8-76300-0		M40/50D2 (2-Stroke)
3AC-76300-0		MFS25/30B (4-Stroke)



Electric Starter Kit (For Remote Control Models)

Part Number	Description	Models
3B2-76100-2	with Flywheel	M8B (2-Stroke)
3K9-76100-0	with Flywheel	M9.8B (2-Stroke)
3G2-76100-3	with Flywheel	M9.9/15D2/18E2 (2-Stroke)
3P0-76000-0		M25C3/30A4 (2-Stroke)
361-76000-1		M40C (2-Stroke)



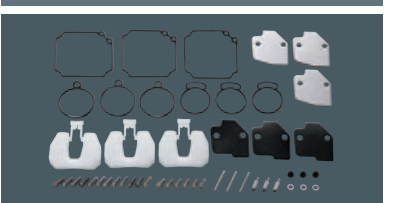
Water Pump Repair Kits

Water Pump Repair Kits include all necessary replacement water pump. Also available chrome plated water pump repair kits.

Part Number	Models
3AB-87322-0	MFS2.5/3.5A (4-Stroke)
3F0-87322-1	M3.5B2 (2-Stroke)
369-87322-1	M4C/5B/MFS4/5/6B (2 & 4-Stroke)
3B2-87322-1	M6/8B/MFS8/9.8A3 (2-Stroke)
362-87322-1	M9.9/15D2/18E2 (2-Stroke)
361-87322-0	MFS15/20C (4-Stroke)
3R0-87322-0	M25C3/30A4/40C (2-Stroke)
3C8-87322-2	MFS25/30B (4-Stroke)
3T5-87322-0	M40/50D2 (2-Stroke)
3C7-87322-1	MD70/90B/115A (TLDI)

Chrome Water Pump Repair Kit

Part Number	Models
369-65231-0	M4C/5B/MFS4/5/6B (2 & 4 Stroke)
3B2-65231-1	M6/8/9.8B/MFS8/9.8A3 (2 & 4 Stroke)
362-65231-0	M9.9/15D2/18E2/MFS9.9/15/20C (2 & 4 Stroke)
361-65231-0	M25C3/30A4/40C/MFS25/30B (2 & 4 Stroke)
3C8-65231-2	M40/50D2 (2-Stroke)
3F3-65231-1	M60/70C (2-Stroke)
3B7-65231-0	M90A (2-Stroke)
3C7-65231-0	MD70/90B/115A/M115/120/140A2 (TLDI & 2-Stroke)



Carburetor Repair Kit

Carburetor Repair Kits are include gaskets, float and needle valve.

Part Number	Models
3AB-87122-0	MFS2.5/3.5A (4-Stroke)
3F0-87122-2	M2.5/3.5A2/3.5B2 (2-Stroke)
369-87122-1	M4C/5B (2-Stroke)
3B2-87122-0	M6/8/9.8B (2-Stroke)
3C2-87122-0	M9.9/15D2/18E2 (2-Stroke)
346-87122-0	M25C3/30A4 (2-Stroke)
345-87122-2	M40C (2-Stroke)
3C8-87122-2	M40/50D2 (2-Stroke)
3F3-87122-1	M60/70C (2-Stroke)
3B7-87122-1	M90A (2-Stroke)
3C7-87122-0	M115/120/140A2 (2-Stroke)
3H6-87122-0	MFS4/5/6B (4-Stroke)
3V1-87122-0	MFS8/9.8A3 (4-Stroke)
3BJ-87122-0	MFS15/20C (4-Stroke)

Anodes

Easy to replace Zinc Anodes protect the motor from galvanic corrosion in saltwater environment.



Part Number	Models
338-60218-2	M2.5/3.5A2/8/9.8B (2-Stroke) & MFS2.5/3.5A (4-Stroke) & 25-70hp (2-Stroke) & MD40/50B (TLDI)
3B7-60218-1	M40/50D2 for Manual Tilt (2-Stroke) & MD70/90B/115A (TLDI) & 70-140hp (2-Stroke)
3H6-60218-0	4-6hp (2&4-Stroke)
3V9-60218-0	9.9-18hp (2-Stroke)
369-60218-1	MFS8/9.8A3/15/20C/25/30B (4-Stroke)
3C7-60218-2	M40D2 through M140A2 for PTT (2-Stroke)

Trim Tabs

These Trim Tabs are Sacrificial anode metal protects the engine from corrosion and reduce propeller torque for easier steering.



Part Number	Models
338-60218-2	M2.5/3.5A2/8/9.8B (2-Stroke) & MFS2.5/3.5A (4-Stroke) & 25-70hp (2-Stroke) & MD40/50B (TLDI)
3B7-60218-1	M40/50D2 for Manual Tilt (2-Stroke) & MD70/90B/115A (TLDI) & 70-140hp (2-Stroke)
3H6-60218-0	4-6hp (2&4-Stroke)
3V9-60218-0	9.9-18hp (2-Stroke)
369-60218-1	MFS8/9.8A3/15/20C/25/30B (4-Stroke)
3C7-60218-2	M40D2 through M140A2 for PTT (2-Stroke)

Spark Plug

Carburetor Repair Kits are include gaskets, float and needle valve.



Part Number	Description	Models
9701-1-1011	NGK BP6HS-10	2.5/3.5hp (2-Stroke)
9701-1-1010	NGK BP7HS-10	4/5/6/8/9.8hp (2-Stroke)
9701-1-1005	NGK B7HS-10	9.9/15/18/25/30/40hp (2-Stroke)
9701-1-1009	NGK B8HS-10	50/60/70/90/115/120/140hp (2-Stroke)
9701-1-1108	NGK PZFR6H	MD40/50/70/90B (TLDI)
9701-1-1103	NGK DCPR6E	4/5/6/8/9.8/15/20/25/30hp (4-Stroke)
9701-1-1109	NGK IZFR5J	MD115A (TLDI)

Miscellaneous



Engine Flush Attachments

Allows for fresh water hook up to the engine for running at idle or for flushing of cooling passages. Also allows out of water operation for test run and engine adjustment.

Part Number	Applicable Models
336-60007-0	4-30hp (2 & 4-Stroke)
3B7-60007-0	40-140hp (2-Stroke & TLDI)



Safety Lanyard Cards are designed to shut off your outboard in the event the operator falls overboard (lanyard must be properly connected to both the outboard and the operator). Without this important safety feature your outboard would continue to run, without you at the controls. This item is necessary to start your outboard.

Part Number	Applicable Models
353-06821-0	All Models

Replacement Filters

Tohatsu offers a variety of replacement fuel, air and oil filters to keep your outboard running at peak performance.



Oil Filter

Part Number	Models
3R0-07615-0	MFS9.9-30hp (4-stroke)



Filters

Part Number	Description
3T5-10130-0	Air Filter for Compressor
369-02230-0	Fuel Filter
3B7-02230-0	Fuel Filter
3AC-02230-0	Fuel Filter
3C7-02230-0	Fuel Filter
3T5-02230-0	Fuel Filter
3AD-02230-0	Fuel Filter
346-02230-0	Fuel Filter
3T1-02230-0	Fuel Filter

Applicable Models
All TLDI model
4hp-20hp (2&4 Stroke)
M25C3/30A4 (2-Stroke)
MFS25/30B (4-Stroke)
M115/120/140A2 (2-Stroke)
MD40/50/70/90B (TLDI)
9.9-90hp (2-Stroke)
M40C (2-Stroke)
MD115A (TLDI)



Water/Fuel Separator Filter

Easily connected between your fuel tank and engine, the 10 micron filter traps over 98% of the water that may be present in the fuel tank before it reaches your engine.

Part Number	Description
3Y9-02234-0	Water/Fuel Separator Kit
3Y9-02230-0	Replacement 10 micron filter

SPECIFICATIONS

		T L D I						F o u r S t r o k e															
Model	MD115	MD90	MD70	MD50	MD40	MFS30	MFS25	MFS20	MFS15	MFS9.8	MFS8	MFS6 Sail Pro	MFS6	MFS5	MFS4	MFS3.5	MFS2.5						
No. of Cylinder	4					3				2													
Output	115hp (84.6 kw)	90 hp (66.2 kw)	70 hp (51.5 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)	30 hp (22.1 kw)	25 hp (18.4 kw)	20 hp (14.7 kw)	15 hp (11 kw)	9.8 hp (7.2 kw)	8 hp (5.9 kw)	6 hp (4.4 kw)	5 hp (3.7 kw)	4 hp (2.9 kw)	3.5 hp (2.6 kw)	2.5 hp (1.8 kw)							
Displacement	1768 cc (107.9 cu.in.)	1267 cc (77.3 cu.in.)	697 cc (42.5 cu.in.)	526 cc (32.09 cu.in.)	351 cc (21.41 cu.in.)	209 cc (12.8 cu.in.)	123 cc (7.5 cu.in.)	86 cc (5.25 cu.in.)															
Bore x Stroke	88 x 72.7 mm (3.46 x 2.86 in.)	86 x 72.7 mm (3.39 x 2.86 in.)	68 x 64 mm (2.68 x 2.52 in.)	61 x 60 mm (2.4 x 2.36 in.)	55 x 44 mm (2.17 x 1.73 in.)																		
Starting Control Type	Electric						Electric & Manual or Manual				Manual												
Gear Shift	Remote Control			Forward - Neutral - Reverse			Remote Control or Tiller Handle				Forward - Neutral - Reverse				Tiller Handle								
Gear Ratio	2.0 : 1		2.3 : 1		1.85 : 1		1.92 : 1		2.15 : 1		2.08 : 1		2.15 : 1		Forward - Neutral								
Propeller Selection Range	11" - 21"		7" - 15"		1.85 : 1		8" - 14"		6" - 11.5"		6.5" - 9.5"		6" - 9"		4.5" - 6"								
Transom Height	20", 25"		15", 20", 25"		15", 20"		15", 20"		15", 20"		15", 20", 25"		15", 20", 25"		15", 20"								
Fuel	Unleaded Gasoline (87 Octane)																						
Oil Type	Premium TCW-3 or Recommended																						
Fuel Tank	Optional	25 Lit Separate Fuel Tank				25 Lit Separate Tank				12 Lit Separate Tank				1.3 Lit Integral Tank*** or 12 Lit Separate Tank		1.3 Lit Integral Tank***	1 Lit Integral Tank						
Weight*	178 kg	143 kg				71.5 kg				51.5 kg				37 kg		27 kg		25 kg		26 kg		18.4 kg	
Alternator Output	12V, 490W, 40A	12V, 280W, 23A				12V 180W, 15A				Optional: 12V 145W, 12A Std on electric start mdl's				Optional: 12V 80W, 6A Std on electric start mdl's				Optional: 12V 60W, 5A Std on 6hp 25" transom		N/A			
Max. RPM Range	5,150 - 5,850						5,250 - 6,250		5,000 - 6,000		5,400 - 6,100		5,000 - 6,000		4,500 - 5,500		5,000 - 6,000		4,500 - 5,500				

		T w o S t r o k e																									
Model	M140	M120	M115	M90	M70	M60	MW50	M50	M40D	M40C	M30	M25	M25 Jet Drive	M18	M15	M9.9	M9.8	M8	M6	M5	M4	M3.5B	M3.5A	M2.5			
No. of Cylinder	4																										
Output	140hp (103 kw)	120hp (88.3 kw)	115hp (84.6 kw)	90hp (66.2 kw)	70hp (51.5 kw)	60hp (44.1 kw)	50hp (36.8 kw)	50hp (36.8 kw)	40hp (29.4 kw)	40hp (29.4 kw)	30 hp (22.1 kw)	25hp (18.4 kw)	18hp (13.2 kw)	15 hp (11 kw)	9.9 hp (7.3 kw)	9.8 hp (7.2 kw)	8 hp (5.9 kw)	6 hp (4.4 kw)	5 hp (3.7 kw)	4 hp (2.9 kw)	3.5 hp (2.6 kw)	3.5 hp (2.6 kw)	2.5 hp (1.8 kw)				
Displacement	1,768 cc (107.9 cu.in.)	1,267 cc (77.3 cu.in.)	938 cc (57.2 cu.in.)	697 cc (42.5 cu.in.)	526 cc (32.09 cu.in.)	493 cc (30.1 cu.in.)	429 cc (26.3 cu.in.)	294 cc (17.9 cu.in.)	247 cc (15.1 cu.in.)	169 cc (10.3 cu.in.)	102 cc (6.2 cu.in.)	74.6 cc (4.6 cu.in.)															
Bore x Stroke	88 x 72.7 mm (3.46 x 2.86 in.)	86 x 72.7 mm (3.39 x 2.86 in.)	74 x 72.7 mm (2.91 x 2.86 in.)	68 x 64 mm (2.68 x 2.52 in.)	61 x 60 mm (2.4 x 2.36 in.)	55 x 44 mm (2.17 x 1.73 in.)	50 x 43 mm (1.97 x 1.69 in.)																				
Starting Control Type	Electric										Electric or Manual				Manual		Electric & Manual or Manual										
Gear Shift	Remote Control						Remote Control or Tiller Handle				Tiller Handle		Remote Control or Tiller Handle						Tiller Handle								
Gear Ratio	2.0 : 1		2.3 : 1		1.92 : 1		1.85 : 1		1.92 : 1		1.92 : 1		1 : 1		1.85 : 1		2.08 : 1		2.15 : 1		Forward - Neutral		Forward Only				
Propeller Selection Range	11" - 21"		7" - 15"		9" - 17.5"		7" - 15"		7" - 13"		8" - 14"		6" - 11.5"		6.5" - 9.5"		6" - 9"		4.5" - 7"		1.85 : 1		2.15 : 1				
Transom Height	20", 25"		20"		15", 20", 22", 25"		15", 20"		15", 20"		15", 20", 25"		20"		15", 20", 25"		15", 20"		15", 20"		15", 20"		4.5" - 6"				
Fuel	Automixing (Variable 120:1 - 50:1)																	Automixing (Opt.Pre-Mix(50 : 1))				TCW-3 or Recommended		Pre-Mix (50 : 1)			
Oil Type																											
Fuel Tank	25 Lit Separate Fuel Tank																	12 Lit Separate Tank				5hp : 2.5 Lit Integral Tank and 12 Lit Separate Tank 4hp : 2.5 Lit Integral Tank		1.4 Lit Integral Tank			
Weight*	164 kg		135 kg		115 kg		79 kg		72 kg		59 kg		51 kg		59 kg		41 kg		26 kg		20 kg		13 kg		12.5 kg		
Alternator Output	12V, 330W 27.5A				12V, 130W 11A				12V, 130W 11A				Optional 12V, 80W 7A				Optional 12V, 60W 5A				N/A		N/A				
Max. RPM Range	5,200 - 5,700		5,000 - 5,500		5,150 - 5,850		5,150 - 5,850		5,000 - 5,700		5,200 - 5,800		5,150 - 5,850		5,000 - 6,000		5,200 - 5,600		5,200 - 5,800		4,500 - 5,300		5,000 - 6,000		4,500 - 5,500		

*Weight Specification is based on the lightest version. ** FC-W® and TCW-3 is a registered trademark of the National Marine Manufacturers Assoc. (NMMA) *** 6/5/4 hp includes an External Fuel Tank Connector installed on engine to allow user to use an optional external fuel tank
 LEGEND S Standard Features O Optional on Certain Models Specifications and descriptions are subject to change without notice.



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