



 **TOHATSU**  
*Outboards*

**2013**  
Technology for the Next Generation

# DELIVERING RELIABILITY THE WORLD FOR OVER 50

# THROUGHOUT YEARS



Throughout the world, Tohatsu has demonstrated the reliability of its engines, making them one of the world's most reputable and largest outboard manufacturers. With an outstanding team of qualified professionals, creativity and innovation, the company has met and surpassed boater's expectations.

What makes Tohatsu outboards different? A unique vision to provide the best and most reliable outboards. While many manufacturers focus on building higher horsepower engines, Tohatsu's focus is to build the most reliable engine. Through extensive quality and performance testing of each engine, Tohatsu has set itself apart from the competition, ensuring it provides the best quality and technology in the outboard industry.



## TOHATSU'S NEW FIVE YEAR WARRANTY

The five year warranty shows our commitment to providing not only a great value, but a dependable motor with unmatched performance. The new five year warranty offers our customers one of the best warranties in the industry on our entire line of outboards.



# SUPERIOR MARINE TECHNOLOGY



## Pistons dedicated to TLDI® outboards

Teflon® coated pistons (Equipped on MD 115/90/75) with a concave shape to the head, were specifically designed for TLDI® and significantly increase fuel combustion efficiency.



## Direct fuel injection into cylinders

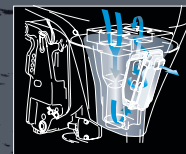
Due to the design of the cylinder head chamber and piston dome, the finely atomized fuel mist created by the fuel injector is injected near the spark plug to achieve ideal combustion.



## Air compressor

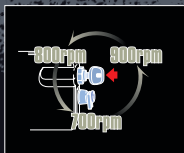
One of TLDI®'s essential engine components that is the driving force in achieving stabilized fuel injection.

# TLDI



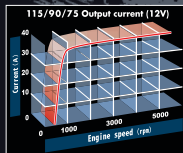
## Idle noise reduction system

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.



## 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.



## 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.  
<115/95/75hp>



## Engine control unit (ECU)

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



Be confident, knowing you have a reliable engine that will last a long time.

# CONFIDENCE



TLDI

# MD115

## Tohatsu TLDI® 115 benefits:

- Uniquely designed cowl 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
- Ultra low emission, EPA and CARB approved
- Tohatsu's 5-year limited warranty\*

## 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
- Pre-rigging kits including tachometer, aluminum propeller and 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
- High-altitude compensation kits available (Option)

\* Recreational usage

*A name you can trust*



Indulge in the exhilarating power and speed

# POWER





## TLDI<sup>®</sup> MD 90/75

### Tohatsu TLDI<sup>®</sup> 90/75 benefits:

- New high speed gear ratio (MD90)
- Air assisted direct fuel injection system provides excellent fuel economy
- Quiet operation
- Excellent horsepower-to-weight ratio
- Lightweight and compact
- Ultra low emission, EPA approved
- Tohatsu's 5-year limited warranty\*
- 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

### 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
- Pre-rigging kits including tachometer, aluminum propeller and 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
- High-altitude compensation kits available (Option)

\* Recreational usage

*Exceeding Expectations*



California CARB  
Three star rating  
for ultra-low emissions



5 Year warranty



Rely on its tough exterior for a long-lasting outboard.

# DURABLE



## TLDI MD 50/40

### Tohatsu TLDI® 50/40 benefits:

- Air assisted direct fuel injection system provides excellent fuel economy
- Quiet operation
- Excellent horsepower-to-weight ratio
- Lightweight and compact
- Ultra low emission, EPA and CARB approved
- Tohatsu's 5-year limited warranty\*

### 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 on-board
- 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 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
- High-altitude compensation kits available.(Option)

\* Recreational usage

\*\* Remote control models

MD 35/25

*JetDrive*

Now you will be able to navigate through those hard to reach fishing and hunting locations; a task that seems almost impossible with a standard prop model.

- Lightweight
- EPA approved, CARB 3-star rated
- Tohatsu's 5-year limited warranty
- Available in remote and tiller models

*Built strong*



California CARB  
three star rating  
for ultra-low emissions.



Technology for the Next Generation

# FOUR STROKE

## INDISPUTABLE QUALITY

Tohatsu uses the highest quality components to provide boaters with a high performance, long-lasting and reliable engine. That's why many resorts power their fleet with the Tohatsu brand.



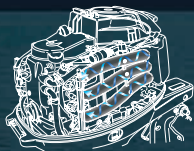
# SMART TECHNOLOGY

## MFS 30 / 25 Fuel Injection



### Tubular air-intake

The tubular structure of the air-intake, originally developed by Tohatsu, helps to take necessary airflow into 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

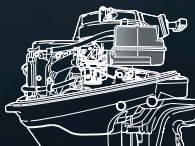
The 16 bit ECU precisely controls the fuel injection and ignition timing for 4-stroke engines.



### 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.

## MFS 20 / 15 / 9.8 / 8



### 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. (Hiller model only)  
<20/15/9.8/8>

## MFS 6 / 5 / 4 / 3.5 / 2.5



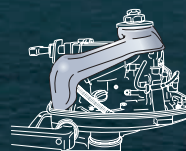
### Propeller hub exhaust

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



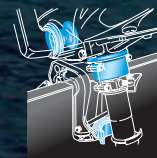
### Throttle grip

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



### Integral tank

With a built-in fuel tank conveniently located on top, 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 6/5/4hp models to allow the motor to hook up to a remote fuel tank as well.

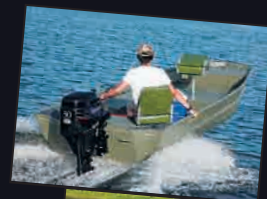


### Four point dampening system

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

# PERFORMANCE

Experience the unmatched performance for the ultimate ride







*Smooth ride*

## 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, EPA and CARB approved
- Tohatsu's 5-year limited warranty\*\*\*

## High performance and easy operation:

- 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 (15/20")\*
- 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 6.6 US gal. (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

\*\*\* Recreational usage



*Electronic fuel injection*  
**MFS 30/25**



# EFFICIENT

Highly efficient in both fuel and performance.



***P***  
**ower Tilt**

MFS 20/15/9.8

Try our 20/15/9.8hp with power tilt for better operation!  
These new 4-stroke models are perfect for inflatables,  
small fishing boats and pontoon boats.







*Great reliability*



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



5 Year warranty

MFS 20/15/9.8/8

## MFS 20C Camouflage

Tohatsu's NEW 20hp Sportsman's model is a great choice for avid hunting & sporting enthusiasts. Unlike other motors with camouflage decals, this limited edition motor is decorated with the industry's leading waterfowl pattern, Mossy Oak Duck Blind® camouflage, using a unique patented paint dipping process that bonds the design to the motor. Combined with a harvest brown lower unit, the Tohatsu Sportsman's Edition 20hp will put you in full stealth mode.



### 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, EPA and CARB approved
- Tohatsu's 5-year limited warranty\*\*\*

### 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 <20/15/9.8/8>
- 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 3.1 US gal. (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 \*\* Remote control models

\*\*\* Recreational usage



Sail Pro

MFS 6

A perfect choice for sail boats !

Tohatsu's uniquely designed 6 hp, 4-stroke motor is ideal for sailboats or any marine vessel requiring a 20"/25" shaft outboard motor.

The light and portable also includes 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

# CONVENIENT

Benefit from its light and compact design and easy-to-use convenient features



## Simple operation



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



5 Year warranty

MFS 6/5/4

MFS 3.5/2.5



### 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, EPA and CARB approved
- Tohatsu's 5-year limited warranty

### 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
- High grade marine aluminum alloy that provides the ultimate protection against corrosion
- Built-in 0.3 US gal. (1.15 liter) or Separate 3.2 US gal. (12 liter) fuel tank with fuel fitting and fuel line
- Plastic fuel tank
- 6 hp : Built-in 0.3 US gal. (1.15 liter) or Separate 3.2 US gal. (12 liter) fuel tank with fuel fitting and fuel line
- 5 hp : Separate 3.2 US gal. (12 liter) fuel tank with fuel fitting and fuel line
- 4 hp : Built-in 0.3 US gal. (1.15 liter) includes fuel connector for use with an optional external fuel tank
- 3.5/2.5 hp : Built-in 0.26 US gal. (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

# >>> Genuine Tohatsu Parts and Accessories

## Engine Oil

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.



### Tohatsu "Complete Advantage" 100% Synthetic 2-stroke Oil

Part Number	Description
33292-3050M	100% Synthetic 2-stroke and TLDI Oil Gallon



### Tohatsu Premium 2-Stroke TC-W3® Oil

Part Number	Description
33272-3041M	TC-W3 2-Stroke Oil - Pint
33272-3081M	TC-W3 2-Stroke Oil - Quart
33272-3051M	TC-W3 2-Stroke Oil - Gallon



### Tohatsu 4-Stroke FC-W® Oil

Part Number	Description
33282-3080M	FC-W 4-Stroke Oil - Quart
33282-3050M	FC-W 4-Stroke Oil - Gallon



### Tohatsu Marine Grease

Part Number	Description
33282-3180M	14oz. Cartridge
33282-3160M	Fogging Oil
33282-3200M	Fuel Stabilizer
33282-3100M	Gear Lube
33282-3220M	Engine Tuner

## 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
3ACQ84330-0	RC5A	MFS25/30B with PT
3B7Q843403	RC5B	40-90hp without PTT
		MFS15C-30B without PT
3B7Q84350-3	RC5C	8B-40C with electric starter
		MFS8/9.8A3 with electric starter
3B7Q84360-1	RC5D	4C-40C without electric starter
		MFS4/5/6/8/9.8 without electric starter
3C7Q84370-2	RC5E	M120/140A2
3GFQ845000	RC5F	MD40/50/70/90/115 (TLDI)



Flush Mount Controls



Single Binnacle Controls



Dual Binnacle Controls

### Flush Mount Control Box

999980SPFMM

### Single Binnacle Control Box

999980SPSBM

### Dual Binnacle Control Box

99998DBCBM



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

## Gauges & Meters

Premium Stylish Gauges  
White or black face dial with polished stainless steel bezel, high visibility red pointer and dome glass lens.



### Tachometers

These 199mm(4") 7,000 max Tachometer are available with warning lamp.

For TLDI warning lamp include: Oil Level, Engine Temperature, Battery.

For 4-Stroke warning lamp include: Low Oil Pressure.

For 4-Stroke Tachometer can be used on oil electric start models by using select 4, 6 or 12 pole switch on rear of meter.

All gauges include lead wire, mounting hardware included.

Part Number	Color	Models
3GF72-6470M	Black	TLDI Model
3GL72-6470M	White	TLDI Model
3AC72-6400M	Black	4-Stroke & 2-Stroke Auto Mixing Oil Model
3AD72-6400M	White	4-Stroke & 2-Stroke Auto Mixing Oil Model



### Speedometer

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

Part Number	Color	Description
3GF72-6720M	Black	60mph 4" Diameter
3GL72-6720M	White	60mph 4" Diameter



### Trim Gauge

Magnetic type gauge shown angle for optimum performance and efficiency. 2" diameter. Includes installation hardware. For use 2-wire senders.

Part Number	Color	Description
3GF72-5710M	Black	For 2-wire sender
3GL72-5710M	White	For 2-wire sender



### Water Pressure Meter

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

Part Number	Color	Description
3GF72-5980M	Black	2" Diameter 0-10 PSI
3GL72-5980M	White	2" Diameter 0-10 PSI



### Volt Meter

Monitors your charging system. Includes harness and installation hardware.

Part Number	Color	Description
3GF72-5290M	Black	2" Diameter
3GL72-5290M	White	2" Diameter



### Hour Meter

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

Part Number	Color	Description
3GF72-5240M	Black	2" Diameter
3GL72-5240M	White	2" Diameter



### Fuel Gauge

This 2" Fuel Gauge can help you monitor fuel level. Connects easily using your boat's fuel sending unit harness.

Part Number	Color	Description
3GF72-5960M	Black	2" Diameter
3GL72-5960M	White	2" Diameter

## Rigging Kits



### Multi Function Tiller Handle Kit

Part Number	Description	Applicable Models
3GFQ63000-0	Multi Function Tiller Handle Kit	MD40/50B2
3AHQ63000-0	Multi Function Tiller Handle Kit	MFS25/30B



### Steering Lock Kit

Steering Lock Kits include, Steering Lock Plate, Rubber Damper, Bolt, Nylon Nut.

Part Number	Applicable Models	Description
3GR625000M	MFS4/5/6C	Steering Lock Kit
3V1625000M	MFS8/9.8/A3	Steering Lock Kit



### Side Mount type Pre-rig kits

Part Number	Applicable Models
3ACQ843300S	4-stroke 25/30
3GLQ845500S	TLDI models



### Pre-rig kits for Side/Flush/Binnacle Control

Part Number	Applicable Models
3R0845600S	4-stroke 25/30
3GM845500S	TLDI models

# >>> Genuine Tohatsu Parts and Accessories

## 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			MFS2.5A/3.5A			
MFS2.5/3.5B (4-Stroke)	188	7.4	4.5	Plastic	●		314B641030	
	188	7.4	6	Plastic	●		309641060M	
	188	7.4	7	Plastic	(S,L)		3F0641010M	
	188	7.4	6	Aluminum	●		3F0B641020	
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number	
	mm	in			MFS4C	MFS5/6C		
MFS4/5/6C (4-Stroke)	196	7.7	7	Aluminum	(S,L)	●	3R1B645141	
	196	7.7	8	Aluminum	●	(S,L)	3R1B645161	
	200	7.9	9	Aluminum	●	●	369B645181	
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number	
	mm	in			MFS6C (Sail Pro)			
MFS6C (Sail Pro)	212	8.0	6	Aluminum	(L,UL)		399B645121	
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number	
	mm	in			MFS8A3	MFS9.8A3		MFS9.8A3PT
MFS8/9.8A3 (4-Stroke)	221	8.7	5.0	Aluminum	●	(UL)	(UL)	3V1B64510-0*
	216	8.5	6.5	Aluminum	●	●	●	3B2B64513-1
	226	8.9	7.0	Aluminum	●	●	(L)	3B2B64514-1
	216	8.5	7.0	Aluminum	(S, L)	●	(L)	3V1B64514-0*
	216	8.5	7.5	Aluminum	●	(S)	(S)	3B2B64515-1
	226	8.9	8.5	Aluminum	●	●	●	3B2B64517-1
	226	8.9	10.0	Aluminum	●	●	●	3B2B64519-1

● = Option \* = 4 Blades

Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number
	mm	in			MFS15/20C		
MFS15/20C (4-Stroke)	234	9.2	6	Aluminum	●		362B64107-1
	234	9.2	7	Aluminum	●		362B64105-1
	254	10.0	7	Aluminum	●		320B64514-3*
	234	9.3	8	Aluminum	●		3BAB64516-1
	234	9.3	9	Aluminum	(L,UL)		3BAB64518-1
	234	9.3	10	Aluminum	(S)		3BAB64521-1
	235	9.3	11.5	Aluminum	●		3BAB64524-1
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number
	mm	in			MFS25/30B		
MFS25/30B (4-Stroke)	260	10.2	8	Aluminum	●		NM889010108
	252	9.9	9	Aluminum	●		NM889010109
	252	9.9	10	Aluminum	●		NM889010100
	252	9.9	11	Aluminum	●		NM889010110
	252	9.9	12	Aluminum	●		NM889010120
	257	10.1	13	Aluminum	●		NM889010130
	252	9.9	14	Aluminum	●		349B64529-1
Model	Propeller Dia		Pitch	Material	Standard Propeller		Part Number
	mm	in			MD40B	MD50B	
MD40/50B2 (TLDI)	290	11.4	7	Aluminum	●	●	348B64108-0*
	307	12.1	9	Aluminum	●	●	3T5B64518-0
	295	11.6	11	Aluminum	●	●	PT4050P11
	290	11.4	12	Aluminum	●	●	PT4050P12
	282	11.1	13	Aluminum	●	●	PT4050P13
	282	11.1	14	Aluminum	●	●	PT4050P14
	279	11.0	15	Aluminum	●	●	3T5B64532-0

● = Option \* = 4 Blades



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

Model	Propeller Dia		Pitch	Material	Standard Propeller	Part Number
	mm	in			MD70/90B	
MD75/90C2 (TLDI)	355	14.0	11	Aluminum	●	3N4B645231
	355	14.0	13	Aluminum	●	3N4B645271
	349	13.8	15	Aluminum	●	3N4B645321
	336	13.3	16	Aluminum	●	3N4B645341
	336	13.3	17	Aluminum	●	3N4B645361
	330	13.0	19	Aluminum	●	3N4W645411
	324	12.8	21	Aluminum	●	3N4W645451
Model	Propeller Dia		Pitch	Material	Standard Propeller	Part Number
	mm	in			MD115A	
MD115A2 (TLDI)	355	14.0	11	Aluminum	●	3T1W645230
	355	14.0	13	Aluminum	●	3T1B645270
	349	13.8	15	Aluminum	●	3T1B645320
	336	13.3	16	Aluminum	●	3T1B645340
	336	13.3	17	Aluminum	●	3T1B645360
	330	13.0	19	Aluminum	●	3T1W645410
	324	12.8	21	Aluminum	●	3T1W645450
Model	Propeller Dia		Pitch	Material	Standard Propeller	Part Number
	mm	in			MD75/90C2/115A2	
MD75/90C2/ 115A2 (TLDI)	349	13.75	13	Aluminum	RUBEX**	9999RUBA313M
	343	13.5	15	Aluminum	RUBEX**	9999RUBA315M
	336	13.25	17	Aluminum	RUBEX**	9999RUBA317M
	336	13.2	19	Aluminum	RUBEX**	9999RUBA319M
	336	13.2	21	Aluminum	RUBEX**	9999RUBA321M

● = Option \* = 4 Blades

RUBEX\* = Rubex style aluminum props provide reduced noise over standard aluminum props. Rubex props require a "hub kit" (Part# 9999RUBAHUBM).

The hub kit fits all Rubex props and allows one hub kit to be used with different pitch props.



## Propeller Hardware Kits

Part Number	Models
3H6-87326-0	M4C/5B (2-Stroke) MFS4/5/6B (4-Stroke)
3V1-87326-0	M8/9.8B (2-Stroke) MFS8/9.8A3 (4-Stroke)
3V9-87326-0	M9.9/15D2/18E2 (2-Stroke) MFS9.9/15/20C (4-Stroke)
3R0-87326-0	M25C3/30A4 (2-Stroke) MFS25/30B (4-Stroke)
3T5-87326-0	M40/50D2 (2-Stroke) MD40/50B2 (TLDI)

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## Fuel Tanks



### Plastic Fuel Tanks

These high-quality constructed fuel tanks are also UL approved.

Part Number	Description
3V1701671M	12 Litter (3.1 Gallon)
3AC701671M	25 Litter (6.6 Gallon)



### Fuel Connector (Tank Male)

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

Part Number	Description	Models
9999800MA2	8mm(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
3GF-70281-0	8mm(5/16")	All Models



### Fuel Connector (Engine Male)

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

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



### Fuel Connectors (Engine Female)

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

Part Number	Description	Models
3GF-70250-0	8mm(5/16")	M5-90 (2-Stroke) MD40-90 (TLDI)
394702500M	8mm(5/16")	MFS4-30 (4-Stroke)
3C7-70250-0	8mm(5/16")	120/140 (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
3FF702004M	MD75-115 (TLDI)
3H6702002M	MD40-50 (TLDI)
3AD-70200-2	MFS4-30 (4-Stroke)



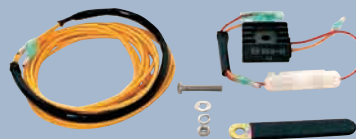
# Repair Kits and Optional Accessories



## Alternator Kits

These alternator kits for manual start models provide A.C. 12V, power. A rectifier kit is required to charge the battery and allow 12V DC power.

Part Number	Models
3V2-06128-0	MFS8/9.8 (4-Stroke)
3GR-06128-0	MFS4/5/6C (4-Stroke)



## Charging Rectifier Kits

For use with alternator coils, these provide D.C. power for recharging a 12-volt battery.

Part Number	Models
3H6-76160-0	MFS4/5/6 (4-Stroke)
3V2-76160-0	MFS8/9.8 (4-Stroke)
3BJ761602M	MFS15/20 (4-Stroke)
3AC-76160-0	MFS25/30 (4-Stroke)

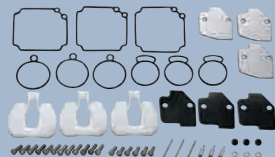


## Remote Control Fitting Kits

These remote control fitting kits include parts needed to convert engine from tiller handle steering to remote control steering, shift and throttle operation.

Part Number	Models
3AS-83880-0	MFS4/5/6 (4-Stroke)
3V2-83880-0	MFS8/9.8 (4-Stroke)
3AC-83880-0	MFS25/30 (4-Stroke)

Note: Other parts may be needed to complete the change



## Carburetor Repair Kits

Carburetor Repair Kits include gaskets, float and needle valve.

Part Number	Models
3AB-87122-0	MFS2.5/3.5 (4-Stroke)
3H6-87122-0	MFS4/5/6 (4-Stroke)
3V1-87122-0	MFS8/9.8 (4-Stroke)
3BJ-87122-0	MFS15/20 (4-Stroke)



## Water Pump Repair Kits

Water Pump Repair Kits include the necessary parts to rebuild the water pump. Chrome-plated water pump repair kits are also available. (Pump case upper not included.)

Part Number	Models
3AB-87322-0	MFS2.5/3.5 (4-Stroke)
369-87322-1	MFS4/5/6 (4-Stroke)
3B2873222M	MFS8/9.8 (4-Stroke)
362-87322-0	MFS15/20 (4-Stroke)
3R0-87322-0	MFS25/30 (4-Stroke)
3T5873223M	MD40/50 (TLDI)
3C7-87322-1	MD75/90/115 (TLDI)

## Chrome Water Pump Repair Kits

Part Number	Models
369-65231-0	MFS4/5/6 (4-Stroke)
3B2652311M	MFS8/9.8 (4-Stroke)
362-65231-0	MFS15/20 (4-Stroke)
361-65231-0	MFS25/30 (4-Stroke)
3C7-65231-0	MD75/90/115 (TLDI)

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## Anodes

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



Part Number	Models
338-60218-2	M2.5/3.5A2/3.5B2/8*/9.8* (2-Stroke) MFS2.5/3.5 (4-Stroke) M25-70 (2-Stroke) MD40/50 (TLDI)
3B7-60218-1	MFS25/30 (4-Stroke Manual Tilt) M40/50 (2-Stroke Manual Tilt) 70-140hp (2-Stroke & TLDI)
3H6-60218-0	4-6hp (2-Stroke & 4-Stroke)
3V9-60218-0	9.9-20hp (2-Stroke & 4-Stroke)
369-60218-1	MFS8-30 (4-Stroke)
3C7-60218-2	25-140hp w/PTT (2 & 4-Stroke & TLDI)

\* : ~#032877XC

## Trim Tabs

Made of sacrificial anode metal, trim tabs protect the engine from corrosion and reduce propeller torque for easier steering.



Part Number	Models
3C8-60217-1	M25C3 through MD50B (2-Stroke, 4-Stroke and TLDI)
3V1-60217-0	M8*/9.8B*(2-Stroke) MFS8/9.8A3/15/20C (4-Stroke)
348-60217-0	M40C (2-Stroke)
3B7-60217-1	M60C through M140A2 (2-Stroke) MD75-115 (TLDI)

\* : #036520XC~

## Spark Plugs



Part Number	Description	Models
9701-1-1011	NGK BP6HS10	M2-3.5A2
9701-1-1010	NGK BP7HS10	M4C-9.8B
9701-1-1005	NGK B7HS10	M9.9D2-40D2
9701-1-1009	NGK B8HS10	M50D2-140A2
9701-1-1108	NGK PZFR6H	MD40/50B (TLDI)
9701-1-1103	NGK DCPR6E	All 4 stroke models
9701-1-1110	NGK IZFR6Q	MD40/50B2/75/90C2 (TLDI)
9701-1-1109	NGK IZFR5J	MD115A2 (TLDI)



## 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	MFS15-30 (4-Stroke)



99999-37801

### 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
99999-37851	Water/Fuel Separator Kit
99999-37801	Replacement 10 micron filter

### Filters

Part Number	Description	Applicable Models
3AC101300M	Air filter for intake silencer	MFS25/30B
3T5-10130-0	Air Filter for Compressor	MD40/50/70/90B/75/90C2/115A2 (TLDI)
3GF-10130-0	Air Filter for Compressor	MD40/50B2/115A2 (TLDI)
369-02230-0	Fuel Filter	4-9.8hp (2&4 Stroke)
3AD-02230-0	Fuel Filter	MFS15/20C (4-Stroke)
		M9.9D2-30A4
		M40D2-M90A (2-Stroke)
		MFS25/30B (4-Stroke)
3C7-02230-0	Fuel Filter	M115/120/140A2 (2-Stroke)
3T5-02230-0	Fuel Filter	MD40/50B2/70/90B/75/90C2 (TLDI)
346-02230-0	Fuel Filter	M40C (2-Stroke)
3T1-02230-0	Fuel Filter	MD115A2 (TLDI)



## Miscellaneous



### Engine Flush Attachments

Flushing attachments allow fresh water to clean the cooling passages.

Part Number	Applicable Models
336600070M	2.5-40hp (2 & 4-Stroke)
3B7600070M	40-140hp (2-Stroke & TLDI)
3GR724060M	MFS4/5/6 (4-Stroke)



Safety Lanyard Cords 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

※Photos may differ from the original goods / products.

# SPECIFICATIONS

	T L D I							
Model	MD115	MD90	MD75	MD50	MD40	MD35/25 Jet Drive	MFS30	MFS25
No. of Cylinder	4	3					3	
Output	115hp (84.6 kw)	90 hp (66.2 kw)	75 hp (56 kw)	50 hp (36.8 kw)	40 hp (29.4 kw)	35 hp (26.1 kw)	30 hp (22.1 kw)	25 hp (18.4 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)	
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)	
Max. RPM Range	5,150 - 5,850						5,250 - 6,250	5,000 - 6,000
Starting	Electric							
Control Type	Remote Control			Remote Control or Tiller Handle				
Gear Shift	Forward - Neutral - Reverse							
Gear Ratio	2.0:1	2.3:1		1.85:1		1	1.92:1	
Propeller Selection Range	11" - 21"			7" - 15"		-	8" - 14"	
Transom Height	20", 25"		20"	15", 20"		20", 25"	15", 20"	
Fuel	Unleaded Gasoline (87 Octane)							
Recommended Oil	Tohatsu Premium Outboard Motor Oil							
Fuel Tank	Optional						6.6 US Gal. (25 Lit) Separate Tank	
Weight*	392 lbs (178 kg)	337 lbs (153 kg)		205.7 lbs (93.5 kg)		290 lbs (132 kg)	161 lbs (73 kg)	157.6 lbs (71.5 kg)
Alternator Output	12V, 490W, 40A	12V, 490W, 40A					12V, 180W, 15A	
Model	MD115	MD90	MD75	MD50	MD40	MD35/25 Jet Drive	MFS30	MFS25
Electronic Fuel Injection	-	-	-	-	-	-	S	S
Direct Fuel Injection	S	S	S	S	S	S	-	-
Digital CD Ignition System	-	-	-	-	-	-	S	S
Inductive Ignition System	S	S	S	S	S	S	-	-
Start In Gear Protection	S	S	S	S	S	S	S	S
Thermostat Controlled Cooling System	S	S	S	S	S	S	S	S
Through-The-Prop Exhaust	S	S	S	S	S	-	S	S
Shallow Water Drive	-	-	-	-	-	-	O	O
Oil Pressure Warning	-	-	-	-	-	-	S	S
Power Trim and Tilt	S	S	S	S	S	O	S	O
Power Tilt	-	-	-	-	-	-	-	-
Variable Idle Speed	700, 800, 900 rpm						-	-

\* Weight Specification is based on the lightest version.

\*\*\*\* Alternator std on Certain Models

LEGEND S ..... Standard Features O ..... Optional or Certain Models

Specifications and descriptions are subject to change without notice.



# Four Stroke

MFS20	MFS15	MFS9.8	MFS8	MFS6 Sail Pro	MFS6	MFS5	MFS4	MFS3.5	MFS2.5
2				1					
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)
351 cc (21.41 cu.in)		209 cc (12.8 cu.in)		123 cc (7.5 cu.in)				85.5 cc (5.2 cu.in)	
61 x 60 mm (2.4 x 2.36 in)		55 x 44 mm (2.17 x 1.73 in)		59 x 45 mm (2.32 x 1.77 in)				55 x 36 mm (2.17 x 1.42 in)	
5,400 - 6,100	5,000 - 6,000			5,000 - 6,000		4,500 - 5,500		5,000 - 6,000	4,500 - 5,500
Electric & Manual or Manual				Manual					
Remote Control or Tiller Handle				Tiller Handle or Opt. Remote Control				Tiller Handle	
Forward - Neutral - Reverse				2.15:1				Forward - Neutral	
2.15:1		2.08:1		2.15:1					
7" - 11.5"		5" - 9.5"		6"	7" - 9"			4.5" - 7"	
15", 20"		15", 20", 25"	15",20"	20", 25"	15", 20"				
Unleaded Gasoline (87 Octane)									
Tohatsu 4stroke Outboard Motor Oil					Both	Separate	Integral	Tohatsu 4stroke Outboard Motor Oil	
3.2 US Gal. (12 Lit) Separate Tank					3.2 US Gal. (12 Lit.) Separate Tank or 0.3 US Gal. (1.15 Lit.) Integral Tank	3.2 US gal. (12 Lit.) Separate Tank	0.3 US gal. (1.15 Lit.) Integral tank**	0.26 US Gal. (1 Lit) Integral Tank	
114 lbs (51.5 kg)		81.5 lbs (37 kg)		59 lbs (26.6 kg)	57 lbs (25.6 kg)		58 lbs (26.1 kg)	41 lbs (18.4 kg)	
12V, 145W, 12A		12V, 80W, 6A****		12V, 60W, 5A	Opt. 12V, 60W, 5A			N/A	
MFS20	MFS15	MFS9.8	MFS8	MFS6 SailPro	MFS6	MFS5	MFS4	MFS3.5	MFS2.5
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
S	S	S	S	S	S	S	S	S	S
-	-	-	-	-	-	-	-	-	-
S	S	S	S	S	S	S	S	-	-
S	S	S	S	S	S	S	S	S	S
S	S	S	S	S	S	S	S	-	-
S	S	S	S	S	S	S	S	-	-
S	S	S	S	S	S	S	S	-	-
-	-	-	-	-	-	-	-	-	-
O	O	O	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-



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