

HEZNtXZ HEZNtXZ 112

Fuel Injector Instruction Manual

Brand: HEZNtXZ | Model: HEZNtXZ 112

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your HEZNtXZ Fuel Injector set. These fuel injectors are designed to optimize fuel consumption, boost engine performance, and ensure consistent fuel delivery for compatible marine engines.

The set includes 3 fuel injectors, part number 8M0091784, compatible with various 15HP, 25HP, and 30HP outboard models from 1999 to 2010. Refer to the compatibility list in the specifications section for detailed model information.

Key Features:

- Optimizes fuel consumption for improved performance and cost savings.
- Designed for straightforward installation, saving time and effort.
- Boosts engine performance for smoother operation and better throttle response.
- Built to withstand the rigors of marine conditions for lasting use.
- Fits a range of models, ensuring versatility for various boat engines.
- Delivers consistent fuel delivery for dependable engine performance.

2. SETUP AND INSTALLATION

Installation of fuel injectors should be performed by a qualified technician or an individual with experience in marine engine maintenance. Improper installation can lead to engine damage or malfunction.

2.1. Safety Precautions

- Ensure the engine is turned off and cooled down before beginning installation.
- Disconnect the battery to prevent accidental starting or electrical shorts.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Be aware of residual fuel pressure in the fuel system. Depressurize the system according to your

engine's service manual before removing old injectors.

- Work in a well-ventilated area to avoid inhaling fuel vapors.

2.2. Installation Steps (General Guide)

1. Locate the existing fuel injectors on your engine.
2. Carefully disconnect the electrical connectors and fuel lines from the old injectors.
3. Remove the old injectors, noting their orientation and any seals or O-rings.
4. Clean the injector ports thoroughly to ensure a proper seal with the new injectors.
5. Install new O-rings and seals on the HEZnTXZ fuel injectors as required.
6. Insert the new injectors into the ports, ensuring they are seated correctly.
7. Reconnect the fuel lines and electrical connectors. Ensure all connections are secure and free of leaks.
8. Reconnect the battery.
9. Turn the ignition to the "ON" position (without starting the engine) a few times to allow the fuel pump to prime the system and check for leaks.
10. Start the engine and check for proper operation and any fuel leaks.



Figure 1: The HEZnTXZ Fuel Injector set. Each injector is black with an electrical connector on the side and a nozzle end featuring orange and white seals, designed for precise fuel delivery.

3. OPERATING PRINCIPLES

The HEZNTXZ Fuel Injectors are precision components responsible for atomizing and delivering fuel into the engine's combustion chambers. They operate by receiving an electrical signal from the engine's control unit, which opens a solenoid valve, allowing pressurized fuel to spray into the intake manifold or directly into the cylinder.

Properly functioning fuel injectors ensure:

- **Optimal Fuel-Air Mixture:** Precise fuel delivery for efficient combustion.
- **Improved Engine Performance:** Consistent and accurate fuel spray patterns contribute to smoother engine operation and better throttle response.
- **Reduced Emissions:** Efficient combustion minimizes unburnt fuel and harmful emissions.
- **Fuel Economy:** Accurate fuel metering prevents waste and optimizes fuel consumption.

4. MAINTENANCE

Fuel injectors are generally low-maintenance components, but their longevity and performance can be extended with proper care:

- **Use Quality Fuel:** Always use clean, high-quality fuel to prevent deposits from forming on the injector nozzles.
- **Fuel System Cleaners:** Periodically use a reputable fuel system cleaner designed for marine engines. Follow the product instructions carefully.
- **Regular Filter Replacement:** Ensure your engine's fuel filter is replaced at recommended intervals to prevent contaminants from reaching the injectors.
- **Inspect for Leaks:** Regularly check fuel lines and injector seals for any signs of leaks. Address any leaks immediately.
- **Professional Inspection:** Consider having your fuel system, including injectors, professionally inspected during routine engine servicing.

5. TROUBLESHOOTING

If you experience issues that you suspect are related to the fuel injectors, consider the following common symptoms and potential causes:

Symptom	Possible Cause	Action
Engine Misfires or Rough Idling	Clogged or faulty injector, poor electrical connection.	Check electrical connections. Consider professional cleaning or replacement if clogged.
Reduced Fuel Economy	Leaking or inefficient injector spray pattern.	Inspect for leaks. Professional diagnosis recommended.
Difficulty Starting Engine	Insufficient fuel delivery due to clogged injectors.	Check fuel pressure. Consider injector cleaning or replacement.
Strong Fuel Odor	Fuel leak from injector seals or lines.	Immediately inspect all fuel connections and injector seals for leaks. Repair or replace as necessary.

For complex issues or if you are unsure about the cause, it is highly recommended to consult a certified marine mechanic.

6. SPECIFICATIONS

Product Name	Fuel Injector Set (3 PCS)
Manufacturer	HEZNI XZ
Model Number	HEZNI XZ 112
Part Number	8M0091784
Compatibility	(1999) 15hp Outboard 2010 7A30413VZ 2010 1A30413KZ 2006 30HP 7A3G311UK 2006 30HP 1A3G203EK 2006 30HP 1A30413EK 2006 25HP 1A25413EK 2006 25HP 1A30472EK 2006 25HP 1A2C211HK 2006 30HP 1A3G213EK 2006 25HP 1A25311EK 2006 25HP 1A25213EK 2006 25HP 1A25301EK 2006 30HP 1A30411EM 2006 25HP 7A25203UL 2006 25HP 1A2C311HK 2006 25HP 1A3G271EK 2006 25HP 1A2C301HK 2006 25HP 1A3G371HK 2006 30HP 1A3G203FM 2006 25HP 7A25311UK 2006 25HP 1A3G371EK 2006 25HP 7A25312UL 2006 25HP 1B25203FB 2006 25HP 1A25203EK 2006 30HP 1A3G203FK 2006 25HP 1B25312FB 2006 25HP 1A25203FL 2006 30HP 1A30413FK 2006 30HP 1A30413FM 2006 30HP 1A3G203FL 2006 30HP 1A30411HL
Parcel Dimensions	3 x 2 x 1 cm

Item Weight	400 g
Country of Origin	China
ASIN	B0DLLBGQ8W
Date First Available	Oct. 31 2024

7. WARRANTY AND SUPPORT

Information regarding product warranty and customer support is not provided within this manual. Please refer to the product packaging, purchase documentation, or contact the seller directly for details on warranty coverage and support options.

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