

[Manuals.plus](#) /

› [maXpeedingrods](#) /

› maXpeedingrods Timing Belt Kit with Water Pump User Manual

maXpeedingrods LO55MU

maXpeedingrods Timing Belt Kit with Water Pump User Manual

Model: LO55MU

1. PRODUCT OVERVIEW

This manual provides essential information for the maXpeedingrods Timing Belt Kit with Water Pump, designed for specific vehicle applications. This kit includes critical components required for the timing system and engine cooling, ensuring proper engine operation and longevity. It is manufactured to meet or exceed original equipment specifications.

2. PRODUCT COMPONENTS

The maXpeedingrods Timing Belt Kit with Water Pump (Model LO55MU) typically includes the following components:

- **1x Timing Belt (5592XS):** A crucial component for synchronizing the camshaft and crankshaft rotation.
- **1x Tensioner Pulley, Timing Belt (T43163):** Maintains proper tension on the timing belt to prevent slippage.
- **1x Guide/Deflection Pulley, Timing Belt (T42183):** Guides the timing belt along its path.
- **1x Water Pump, Engine Cooling (WP0084):** Circulates coolant through the engine to regulate temperature.

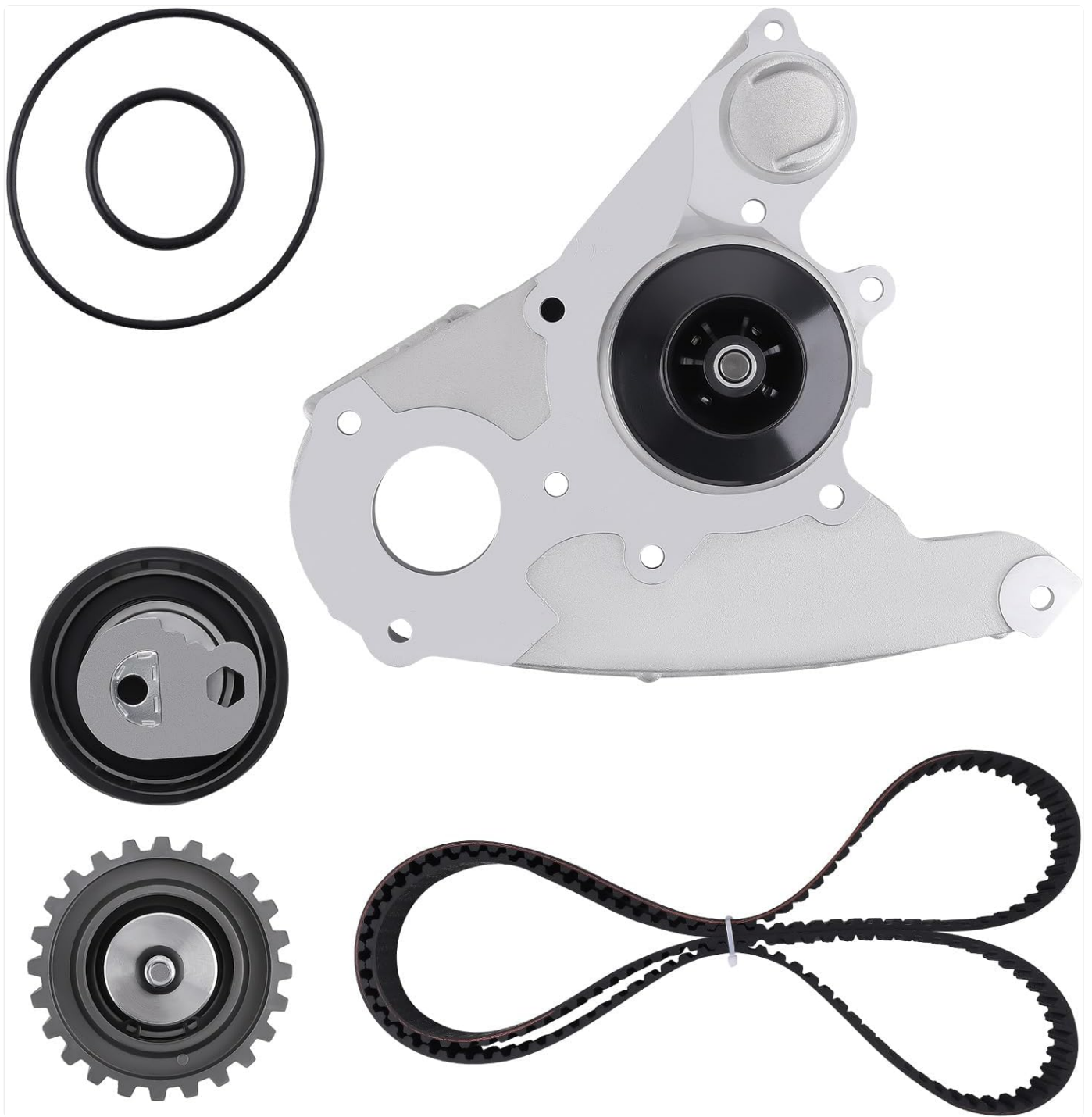


Figure 2.1: Overview of all components included in the maXpeedingrods Timing Belt Kit. This image displays the timing belt, tensioner pulley, guide pulley, water pump, and associated seals.

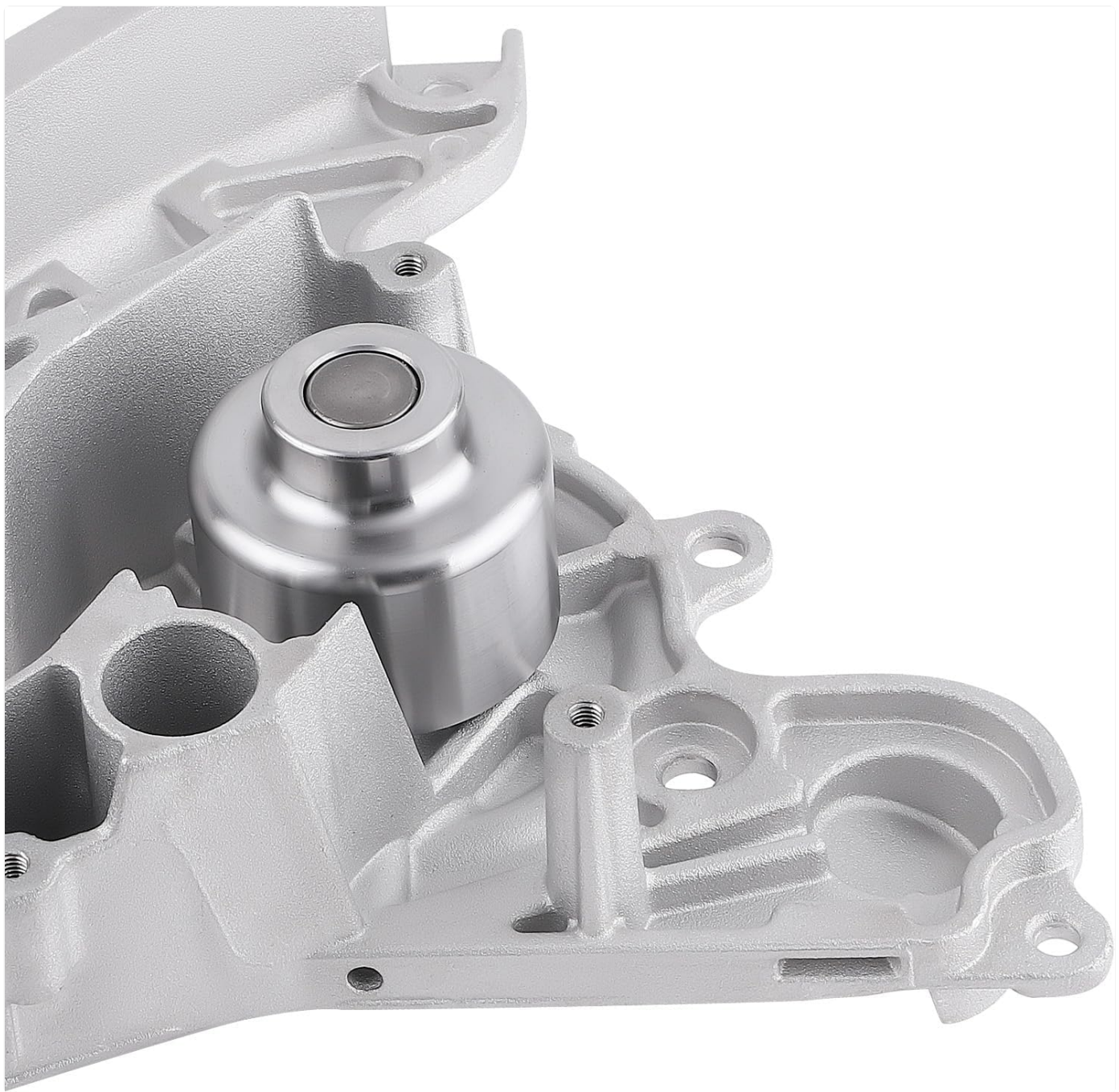


Figure 2.2: Detailed view of the water pump assembly, highlighting its housing and impeller.



Figure 2.3: The timing belt, tensioner pulley, and guide pulley, essential for engine timing.

3. COMPATIBILITY AND APPLICATION

This timing belt kit with water pump is designed for the following vehicle applications:

- For Fiat Ducato 2.3 D, 2.3 JTD from 2002 onwards
- For Iveco Daily 2.3 D, 3.0 D from 2002 onwards
- For Mazda 323 1.8 from 1991-1994

Important: Always verify compatibility with your specific vehicle model, year, and engine type before purchase and installation. Refer to your vehicle's service manual or consult a qualified mechanic.

4. SPECIFICATIONS

Feature	Detail
Type	Timing Belt Kit
Number of Teeth (Timing Belt)	178

Feature	Detail
Belt Width	30 mm
Material	Plastic (referring to certain components, main belt is rubber/composite)
Mounting Type	Direct Replacement
OE/Part Numbers (Partial List)	KP15592XS, K015592XS, 71736716, 504033770, 1987946450, KTBWP3390, TBK3826501, WPK182701, WPK-182701TB2204CPK, BTB56540, CT1148WP1, KD112, NBW1025, KT1527W1, KT1554W1, QBPk7060, 55881701, 530023230, VKMC02390, KDP458.470, 33101675, 8647150008, 71771581, 788313146, 7883-13146, T42183, T43163, WP0084

5. SETUP AND INSTALLATION

Installation of a timing belt kit and water pump is a complex procedure that requires specialized tools, technical knowledge, and experience. Incorrect installation can lead to severe engine damage.

- **Professional Installation Recommended:** It is strongly recommended that this product be installed by a certified professional mechanic.
- **Vehicle-Specific Procedures:** Installation procedures vary significantly between vehicle models. Always refer to the specific service manual for your vehicle for detailed, step-by-step instructions, torque specifications, and timing marks.
- **Pre-Installation Check:** Before installation, ensure all components are present and free from damage. Verify that the kit matches the specifications required for your vehicle.
- **Component Quality:** Each product undergoes quality control before leaving the factory to ensure high quality and a direct fit. Components and materials are selected for extended service life.

6. OPERATING CONSIDERATIONS

Once installed, the timing belt kit and water pump operate as integral parts of your engine's timing and cooling systems. No direct user operation is required for these components.

- **Engine Timing:** The timing belt ensures precise synchronization of the engine's camshaft and crankshaft, critical for valve and piston movement.
- **Engine Cooling:** The water pump circulates coolant to dissipate heat from the engine, maintaining optimal operating temperature.

7. MAINTENANCE

The timing belt and water pump are wear-and-tear components that require periodic inspection and replacement according to your vehicle manufacturer's recommended service schedule.

- **Scheduled Replacement:** Adhere strictly to your vehicle manufacturer's recommended timing belt and water pump replacement intervals. Failure to do so can result in catastrophic engine failure.
- **Inspection:** During routine vehicle maintenance, a qualified mechanic should inspect the timing belt for cracks, fraying, or excessive wear, and the water pump for leaks or unusual noises.
- **Coolant System Health:** Ensure the engine's cooling system is properly maintained, including regular coolant

flushes and checks for leaks, to prolong the life of the water pump.

8. TROUBLESHOOTING

Issues related to the timing belt or water pump typically manifest as significant engine problems and require immediate professional attention.

- **Engine Misfires or Rough Idling:** Can indicate timing issues, potentially related to the timing belt.
- **Overheating Engine:** A common symptom of a failing water pump or other cooling system issues.
- **Squealing or Grinding Noises from Engine Bay:** May indicate a failing tensioner, pulley, or water pump bearing.
- **Coolant Leaks:** Visible coolant leaks near the front of the engine often point to a failing water pump seal or housing.

If you experience any of these symptoms, cease vehicle operation safely and consult a professional mechanic immediately. Do not attempt to diagnose or repair these issues yourself unless you are a qualified automotive technician.

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact maXpeedingrods customer service directly or refer to their official website. Always retain your proof of purchase for any warranty claims. For further details, you may find additional information and images on the product's original listing page or the manufacturer's resources.

