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Partuto tu000506a240708

Crankshaft Oil Seal Instruction Manual

Partuto Crankshaft Oil Seal No.806733030

1. PRODUCT DESCRIPTION

The Partuto Crankshaft Oil Seal (OE No. 806733030) is a critical engine component designed to prevent oil leakage from the crankshaft. This seal ensures the stability of the engine's oil system and contributes to improved transmission performance. Manufactured from durable NBR Rubber, it is engineered to meet professional specifications for stable and reliable operation.



Image 1.1: The Partuto Crankshaft Oil Seal, a vital component for preventing engine oil leaks.

2. KEY FEATURES

- **Prevents Oil Leakage:** Designed to effectively seal the crankshaft, preventing engine oil from escaping.
- **Protects Against Dirt:** Acts as a barrier to prevent dirt and contaminants from entering the engine system.
- **Improves Oil System Stability:** Helps maintain consistent oil pressure and flow within the engine.
- **Durable Construction:** Made from high-quality NBR Rubber, offering dustproof properties and resistance to high and low temperatures.
- **Anti-Corrosion Material:** Constructed with materials that resist corrosion, ensuring long-term performance.



Image 2.1: Visual representation of key features including oil leak prevention, dirt protection, and improved oil system stability.

ITEM FEATURES

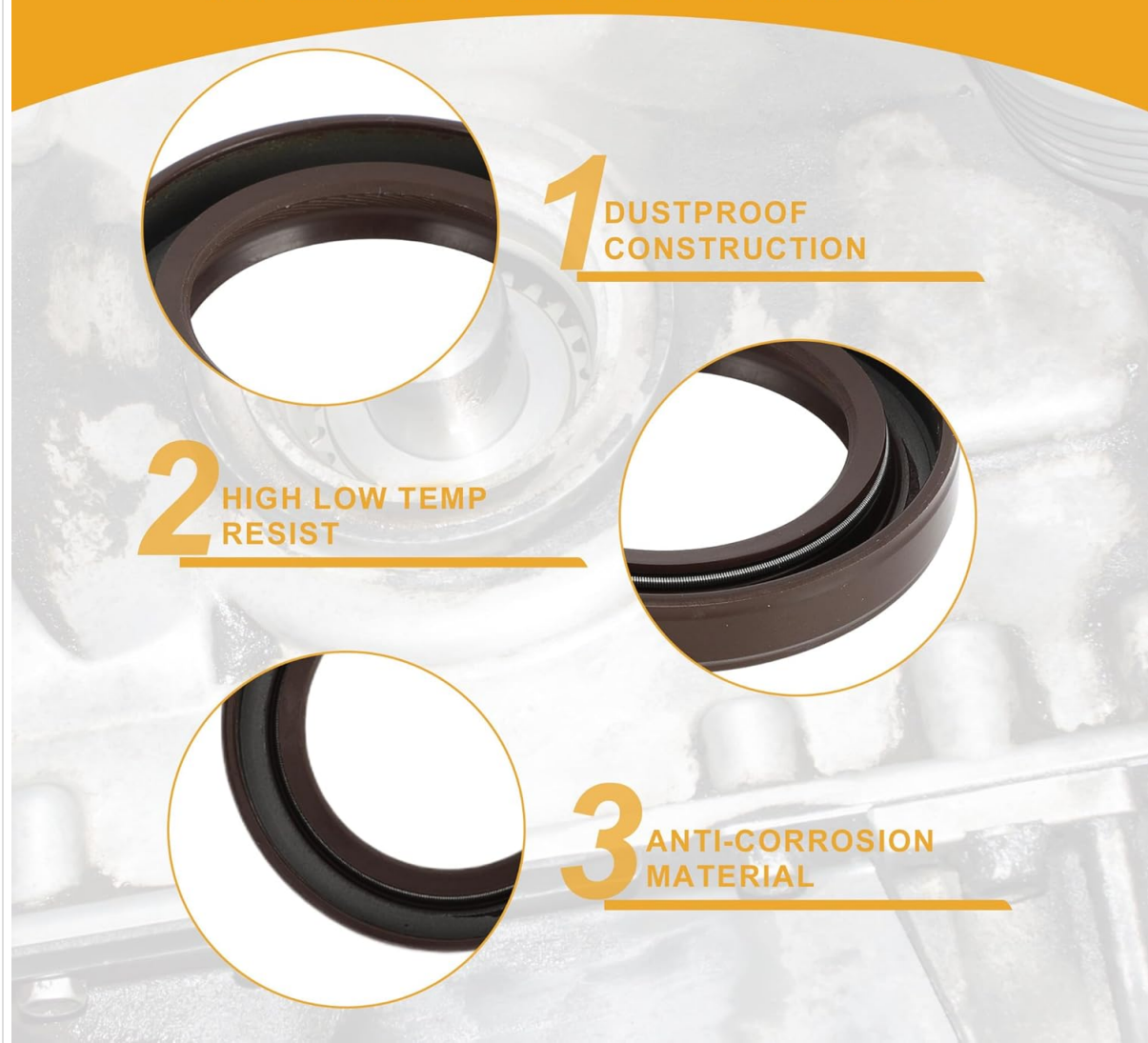


Image 2.2: Illustration of the seal's material properties, highlighting its dustproof, temperature-resistant, and anti-corrosion characteristics.

3. VEHICLE COMPATIBILITY

This Crankshaft Oil Seal (OE Number: 806733030) is compatible with various Subaru models. Please verify your vehicle's specific model and year against the list below to ensure proper fitment.

- Subaru Baja 2003-2006
- Subaru Forester 1998-2013
- Subaru Impreza 1993-2011
- Subaru Legacy 1990-2012
- Subaru Outback 2000-2012
- Subaru SVX 1994-1997
- Subaru WRX STi 2004-2021
- Subaru WRX 2002-2018

The OE Number for this part is **806733030**. Always cross-reference this number with your vehicle's existing part or manufacturer specifications.

4. SPECIFICATIONS

Attribute	Detail
Manufacturer	Partuto
Part Number	tu000506a240708
OE Number	806733030
Position	Front
Material	NBR Rubber
Color	Brown
Size (ID*OD)	32x48mm / 1.26"x1.89"
Thickness (T)	7mm / 0.28"
Item Weight	0.704 ounces
Package Dimensions	4.69 x 2.95 x 0.59 inches

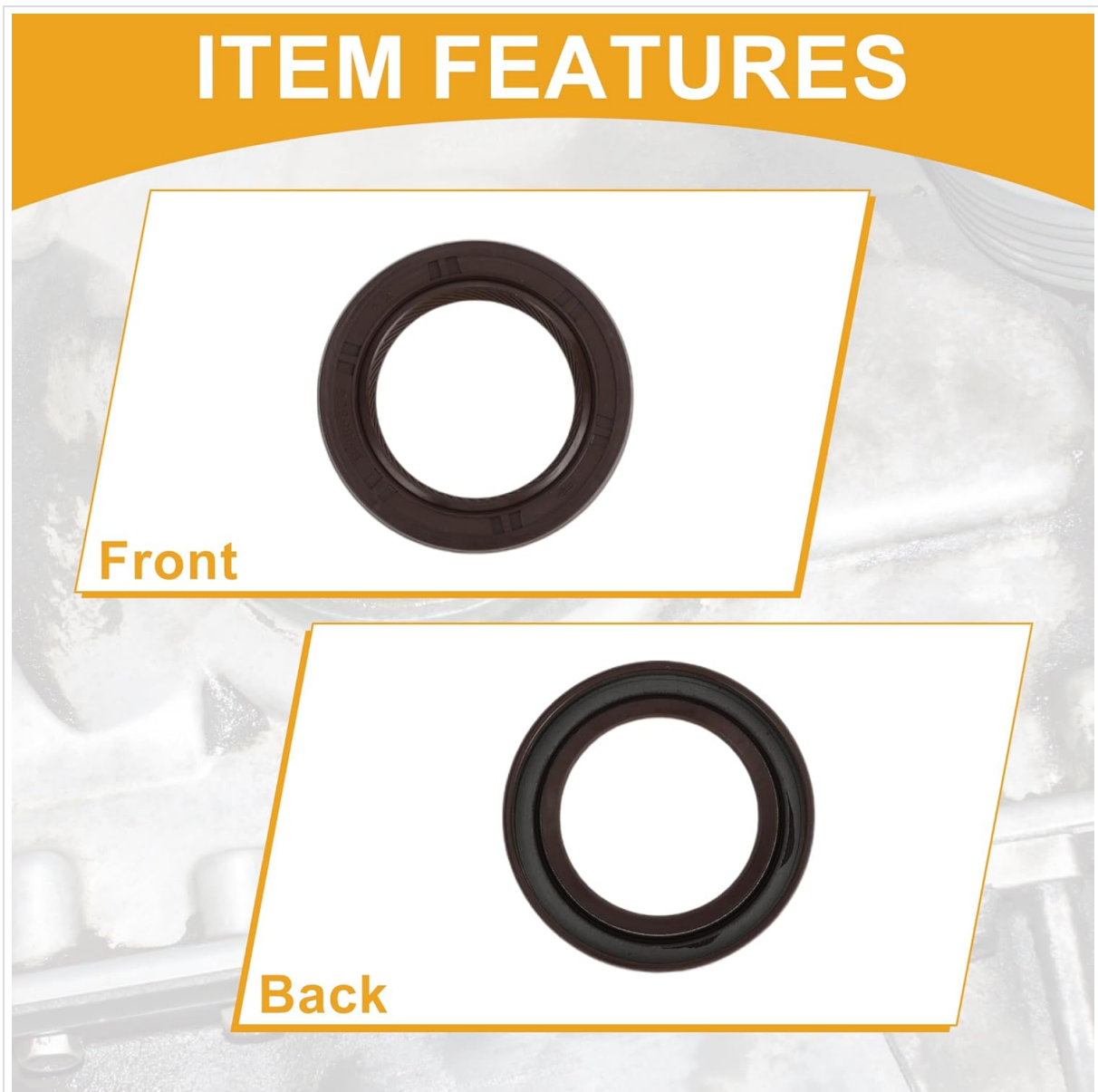


Image 4.1: Depiction of the crankshaft oil seal from both front and back perspectives, illustrating its design.

5. INSTALLATION GUIDE

This crankshaft oil seal is designed for direct replacement of a broken or worn seal. Professional installation is highly recommended due to the complexity of accessing and replacing engine seals. Incorrect installation can lead to further engine damage or oil leaks.

General Installation Steps (Consult a professional service manual for your specific vehicle):

1. **Preparation:** Ensure the engine is cool. Disconnect the battery. Lift the vehicle safely and secure it on jack stands.
2. **Access:** Depending on your vehicle model, you may need to remove various components (e.g., drive belts, pulleys, timing cover) to gain access to the front crankshaft seal.
3. **Remove Old Seal:** Carefully remove the old crankshaft oil seal using appropriate tools. Avoid damaging the crankshaft or the engine block.
4. **Clean Surface:** Thoroughly clean the sealing surface on the crankshaft and the engine block to remove any old oil, dirt, or debris.
5. **Install New Seal:** Apply a thin layer of clean engine oil to the lip of the new seal. Carefully press the new seal into place, ensuring it is seated squarely and fully. Use a seal installation tool or a socket of appropriate size to gently tap it into position.
6. **Reassembly:** Reinstall all removed components in reverse order. Ensure all bolts are torqued to manufacturer specifications.
7. **Test:** After reassembly, add engine oil if necessary. Start the engine and check for any leaks. Monitor oil levels closely for the first few days of operation.

Engine Crankshaft Oil Seal



Image 5.1: An example of a crankshaft oil seal in an engine, illustrating its typical installed location near the crankshaft.

6. TROUBLESHOOTING: COMMON OIL LEAK SIGNS

If you suspect an issue with your crankshaft main seal, look for the following common signs of a bad seal:

- **Worn Main Seal Bearings:** Excessive wear on the main seal bearings can lead to oil leaks.
- **Bad PCV Valve:** A malfunctioning Positive Crankcase Ventilation (PCV) valve can cause excessive crankcase pressure, forcing oil past seals.
- **Low Oil Level:** A noticeable drop in engine oil level without visible leaks from other components may indicate a main seal leak.
- **Crankshaft or Transmission Alignment Issues:** Misalignment can put undue stress on the seal, leading to premature failure and leaks.

COMMON OIL LEAK SIGNS OF A BAD MAIN SEAL

1 WORN MAIN SEAL BEARINGS.

2 BAD PCV VALVE

3 LOW OIL LEVEL

4 CRANKSHAFT OR TRANSMISSION ALIGNMENT



Image 6.1: Visual guide to common indicators of a failing crankshaft main seal, including worn bearings, PCV valve issues, low oil, and alignment problems.

7. CARE AND MAINTENANCE

Once installed, the crankshaft oil seal requires no specific routine maintenance. However, regular engine maintenance and inspections are crucial for its longevity and the overall health of your vehicle:

- **Regular Oil Changes:** Ensure engine oil is changed according to your vehicle manufacturer's recommendations. Use the correct type and viscosity of oil.
- **Monitor Oil Levels:** Periodically check your engine oil level and top up as needed. A consistent drop in oil level could indicate a leak.
- **Inspect for Leaks:** During routine checks or oil changes, visually inspect the area around the crankshaft for any signs of oil seepage or leaks.
- **Address Engine Issues Promptly:** Any issues that cause excessive crankcase pressure or engine vibrations can negatively impact seal life. Address these promptly.

8. SAFETY INFORMATION

Working on automotive components can be hazardous. Always follow these safety guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands before working underneath it. Never rely solely on a jack.
- Allow the engine to cool completely before beginning any work.
- Disconnect the battery's negative terminal before working on electrical components or when there's a risk of accidental engine cranking.
- Keep a fire extinguisher nearby.
- If you are unsure about any step, consult a qualified mechanic or refer to your vehicle's specific service manual.

9. SUPPORT INFORMATION

For further assistance or inquiries regarding your Partuto Crankshaft Oil Seal, please refer to the following:

- **Manufacturer:** Partuto
- **Online Resources:** Visit the official Partuto store on Amazon for product details and customer support: [Partuto Amazon Store](#)
- **Warranty:** This product is typically covered by standard automotive parts warranties. Please retain your proof of purchase for any warranty claims. For specific warranty terms, contact Partuto directly or refer to the product listing on the retailer's website.