

- Manuals.plus /
- > Yoursme /
- > Instruction Manual for Yoursme EN-47971 & 7219 Oil Pressure Adapters

Yoursme 7219&EN-47971

Instruction Manual

EN-47971 OIL PRESSURE GAUGE ADAPTER & 7219 OIL PRESSURE ADAPTER

Model: 7219&EN-47971 | Brand: Yoursme

1. Introduction

This manual provides detailed instructions for the proper use, installation, and maintenance of the Yoursme EN-47971 Oil Pressure Gauge Adapter and the 7219 Oil Pressure Adapter. These tools are designed to assist in accurately measuring engine oil pressure and diagnosing oil system issues in compatible GM V8 engines.



Image 1.1: The Yoursme EN-47971 (blue) and 7219 (silver) Oil Pressure Adapters, shown with an example of in-use application.

2. Product Components

The product includes two distinct oil pressure adapters, each designed for specific applications and functionalities.

2.1. 7219 Oil Pressure Adapter

The 7219 Oil Pressure Adapter is engineered to facilitate accurate and efficient measurement of engine oil pressure. It replaces the oil filter installation point, providing a convenient port for connecting an oil pressure tester. This adapter features a dual-port design for versatile tester connection.

- **Function:** Allows for precise measurement of engine oil pressure.
- **Design:** Dual port for bottom or side tester connection.
- **Material:** Constructed from high-quality aluminum for professional reliability and durability.

7219

Oil Pressure Gauge Adapter

great quality / Replaces for OE # J-42907 / perfect fit for GM



Model
GM

Years
1996-2006

Engine
**4.8L, 5.3L, 5.7L, 6.0L
Generation III V8**

Replacement
J-42907

Installation Position
dual ports

1 port for spin-on
oil filter connection

1 port for connecting
oil pressure gauge

engine oil system diagnosis
oil pressure measurement

Image 2.1: The 7219 Oil Pressure Adapter, highlighting its design and connection points for spin-on oil filters and pressure gauges.

7219

Oil Pressure Gauge Adapter

great quality / Replaces for OE # J-42907 / perfect fit for GM



Top Quality Aluminum
resist corrosion
and resist rust



Thread Precision
Made strictly to meet
OE specifications



Aircraft Grade Material
wear-resistant

Image 2.2: Close-up view of the 7219 adapter, emphasizing its top-quality aluminum construction, thread precision, and aircraft-grade wear-resistant material.

2.2. EN-47971 Oil Pressure Gauge Adapter

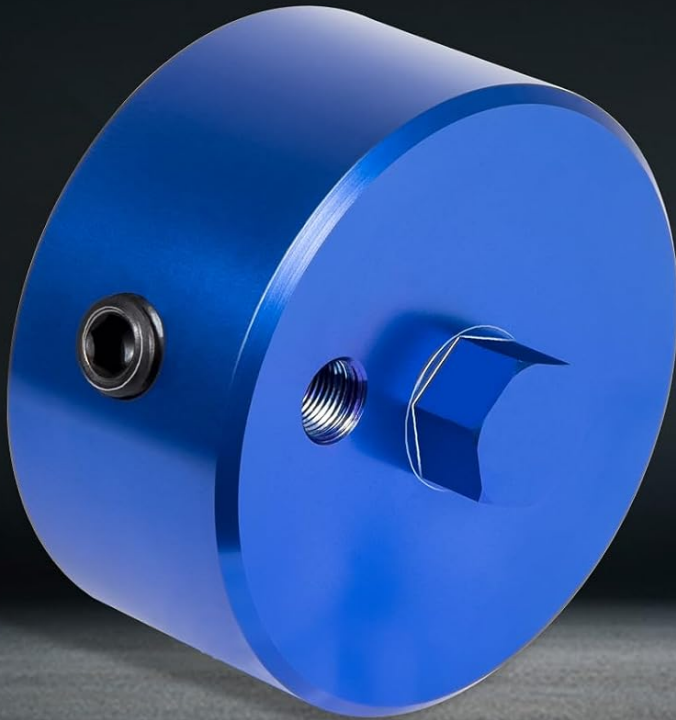
The EN-47971 Oil Pressure Gauge Adapter is designed to assist in maintaining and servicing your vehicle's oil system. It simplifies the process of keeping oil pressure under control for smooth and safe operation. This adapter also provides ports for attaching an oil pressure tester.

- **Function:** Facilitates oil system maintenance and diagnosis, ensuring proper oil pressure.
- **Design:** Dual port for connection of bottom or side tester.
- **Material:** Manufactured from top-quality aluminum for enhanced reliability and durability.

47971

Oil Pressure Gauge Adapter

great quality / Replaces for OE # EN-47971 / perfect fit for GM



Model

**GM / Malibu / Chevy
Camaro / ATS / 2006-later
Corvette / XLR-V / STS-V**

Years

2005 and Newer

Engine

**4.8L, 5.3L, 6.0L, 6.2L
Generation IV V V8**

Replacement

7297 / EN-47971

Installation Position

dual ports

**1 port for spin-on
oil filter connection**

**1 port for connecting
oil pressure gauge**

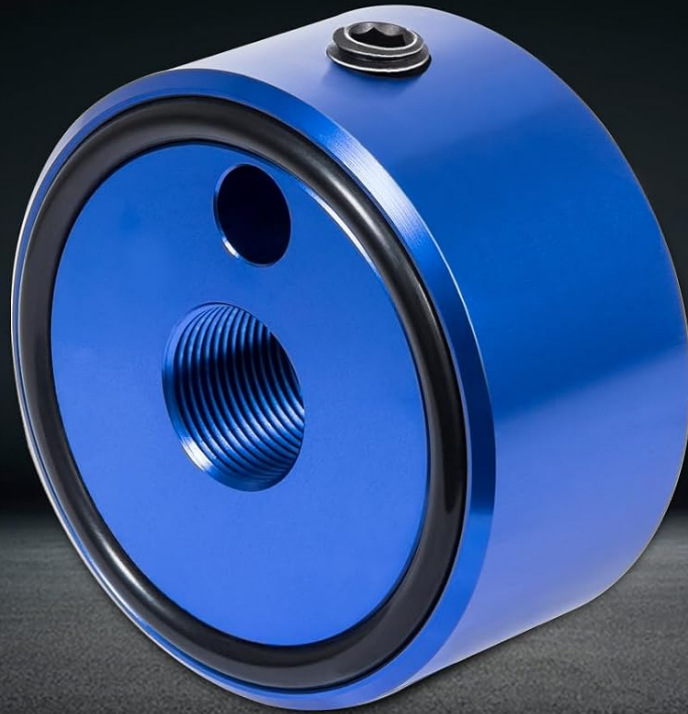
**engine oil system diagnosis
oil pressure measurement**

Image 2.3: The EN-47971 Oil Pressure Gauge Adapter, detailing its application and dual-port design for oil system diagnosis.

47971

Oil Pressure Gauge Adapter

great quality / Replaces for OE # EN-47971 / perfect fit for GM



Top Quality Aluminum
resist corrosion and resist rust



Thread Precision
Made strictly to meet OE specifications



Aircraft Grade Material
wear-resistant

Image 2.4: Close-up view of the EN-47971 adapter, showcasing its robust aluminum construction, precise threading, and wear-resistant properties.

3. Compatibility

Ensure your vehicle's engine is compatible with these adapters before use.

- **7219 Oil Pressure Adapter:**

- GM 4.8L, 5.3L, 5.7L, 6.0L engines (1996-2006).
- Similar to Kent-Moore J-42907.

- **EN-47971 Oil Pressure Gauge Adapter:**

- ATS 2006-LATER CORVETTE XLR-V STS-V Gen IV/Gen V V8 LGE Engines.
- Corvette, Camaro, Malibu (2005 and Newer).

4. Installation Instructions

These adapters are designed to replace the spin-on oil filter for temporary oil pressure testing. Always ensure the engine is cool and depressurized before beginning installation.

1. **Prepare the Vehicle:** Ensure the vehicle is on a level surface and the engine is turned off and cool. Place a drain pan beneath the oil filter area to catch any residual oil.
2. **Remove Existing Oil Filter:** Carefully unscrew and remove the current spin-on oil filter. Dispose of the old filter properly.
3. **Select Appropriate Adapter:** Choose either the 7219 or EN-47971 adapter based on your engine's compatibility.
4. **Install Adapter:** Thread the selected oil pressure adapter onto the engine's oil filter housing by hand until snug. Use a wrench to tighten it slightly, ensuring a secure, leak-free seal. **Do not overtighten.**
5. **Connect Oil Pressure Tester:** Attach your oil pressure gauge or tester to one of the dual ports on the adapter. Ensure the connection is secure to prevent oil leaks during testing.
6. **Pre-lubrication (Optional):** Before starting a replacement engine, the adapter can be installed to facilitate pre-lubrication of the engine oil system.

Note: It is recommended to consult a professional mechanic or your vehicle's service manual for specific oil pressure testing procedures and safety precautions.

5. Operation

Once the adapter and oil pressure tester are securely installed, you can proceed with measuring the engine oil pressure.

1. **Start Engine:** Start the engine and allow it to reach normal operating temperature.
2. **Monitor Pressure:** Observe the readings on your connected oil pressure gauge. Compare these readings to the manufacturer's specifications for your vehicle's engine.
3. **Diagnose Issues:** Fluctuations or readings outside the specified range may indicate issues within the oil system, such as a faulty oil pump, clogged oil passages, or worn engine bearings.
4. **Complete Testing:** Once testing is complete, turn off the engine.
5. **Remove Tester and Adapter:** Carefully disconnect the oil pressure tester from the adapter. Then, unscrew the adapter from the engine. Be prepared for a small amount of oil to drain.
6. **Reinstall Oil Filter:** Install a new, clean spin-on oil filter according to the manufacturer's instructions.

6. Maintenance

Proper care and maintenance will extend the lifespan of your Yoursme oil pressure adapters.

- **Cleaning:** After each use, wipe down the adapters with a clean cloth to remove any oil residue. For thorough cleaning, use a mild degreaser and rinse with water, ensuring all components are completely dry before storage.
- **Inspection:** Regularly inspect the threads and O-rings for any signs of wear, damage, or burrs. Replace O-rings if they appear cracked or flattened to ensure a proper seal.
- **Storage:** Store the adapters in a clean, dry environment, away from direct sunlight and extreme temperatures. Keeping them in their original packaging or a dedicated tool case will protect them from dust and physical damage.
- **Lubrication:** A light coat of oil on the threads and O-rings before storage can help prevent corrosion and maintain their integrity.

7. Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Oil Leakage from Adapter	◦ Adapter not tightened sufficiently. ◦ Damaged or worn O-ring. ◦ Damaged threads on adapter or engine.	◦ Ensure adapter is hand-tightened, then slightly snugged with a wrench. ◦ Inspect and replace O-ring if damaged. ◦ Check threads for damage; if severe, adapter may need replacement.
Inaccurate Pressure Readings	◦ Faulty oil pressure gauge. ◦ Air in the system. ◦ Incorrect adapter for engine.	◦ Test gauge with a known good pressure source. ◦ Ensure all connections are tight to prevent air ingress. ◦ Verify adapter compatibility with your specific engine model.
Difficulty Threading Adapter	◦ Cross-threading. ◦ Burrs or debris on threads.	◦ Ensure adapter is aligned correctly before threading. ◦ Clean threads thoroughly and inspect for burrs.

8. Specifications

Feature	Detail
Product Name	EN-47971 Oil Pressure Gauge Adapter & 7219 Oil Pressure Adapter
Model Numbers	7219, EN-47971
Brand	Yoursme
Material	Top Quality Aluminum
Package Dimensions	6.46 x 3.43 x 2.36 inches
Item Weight	2.01 Pounds
Application (7219)	GM 4.8L, 5.3L, 5.7L, 6.0L engines (1996-2006)
Application (EN-47971)	ATS 2006-LATER CORVETTE XLR-V STS-V Gen IV/Gen V V8 LGE Engines, Corvette, Camaro, Malibu (2005 and Newer)

9. Warranty and Support

For any questions regarding the product, technical support, or warranty information, please contact Yoursme customer service. Refer to the product packaging or the retailer's website for the most current contact details.

Manufacturer: Yoursme
First Available Date: July 17, 2020

© 2024 Yoursme. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

<https://manuals.plus/asin/B08D65XNR2>

More documents and user manuals: <https://manuals.plus/>