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Omix-Ada 17741.02

Omix-Ada 17741.02 Fuel Tank Vent Hose Instruction Manual

OE Reference: 5362159 | Fits 1982-1986 Jeep CJ

PRODUCT OVERVIEW

The Omix-Ada 17741.02 Fuel Tank Vent Hose is a direct replacement part designed to maintain the proper ventilation of your vehicle's fuel tank system. This hose is crucial for preventing vacuum lock or pressure buildup within the fuel tank, ensuring efficient fuel delivery and preventing potential leaks.

It is specifically engineered to fit **1982-1983 Jeep CJ5** and **1982-1986 Jeep CJ7** models equipped with 20-gallon fuel tanks. This part replaces the original equipment (OE) part number **5362159**.



Image: The Omix-Ada 17741.02 Fuel Tank Vent Hose, a black rubber hose with a slight curve, designed for fuel system ventilation.

SPECIFICATIONS

Brand	Omix-Ada
Model Number	17741.02
OE Reference	5362159
Material	Rubber
Color	Black

Item Weight	4 ounces
Product Dimensions	12 x 1 x 2 inches
Compatibility	1982-1983 Jeep CJ5, 1982-1986 Jeep CJ7 (with 20-gallon fuel tanks)

INSTALLATION GUIDE

This section provides general instructions for replacing a fuel tank vent hose. Professional installation is recommended if you are not familiar with automotive repair. Always ensure the vehicle is on a stable, level surface and the engine is off and cool before beginning any work.

Required Tools and Materials:

- New Omix-Ada 17741.02 Fuel Tank Vent Hose
- Hose clamps (if old ones are damaged or not reusable)
- Screwdriver or nut driver (for hose clamps)
- Drain pan (to catch any residual fuel)
- Safety glasses and gloves
- Shop rags

Installation Steps:

1. **Safety First:** Ensure the vehicle is parked in a well-ventilated area, away from open flames or sparks. Disconnect the negative terminal of the battery.
2. **Locate the Hose:** Identify the existing fuel tank vent hose. It typically connects the fuel tank to a charcoal canister or a vent line. Refer to your vehicle's service manual for exact location.
3. **Prepare for Removal:** Place a drain pan underneath the hose connection points to catch any small amount of residual fuel that might leak.
4. **Remove Old Hose:** Loosen the hose clamps at both ends of the old vent hose using a screwdriver or nut driver. Carefully twist and pull the old hose off the fittings. Be prepared for a small amount of fuel or vapor release.
5. **Inspect Fittings:** Examine the fittings on both the fuel tank and the other end (e.g., charcoal canister) for any damage, corrosion, or debris. Clean if necessary.
6. **Install New Hose:** Slide the new Omix-Ada 17741.02 vent hose onto the fittings. Ensure it is fully seated on both ends.
7. **Secure Clamps:** Install and tighten the hose clamps securely over the new hose connections. Do not overtighten, as this can damage the hose.
8. **Verify Connections:** Double-check that both ends of the hose are firmly attached and the clamps are tight.
9. **Reconnect Battery:** Reconnect the negative terminal of the battery.
10. **Test System:** Start the vehicle and check for any fuel leaks around the newly installed hose. Listen for any unusual sounds.



Image: A classic Jeep CJ parked by a river, illustrating the type of vehicle this fuel tank vent hose is designed for.

MAINTENANCE

Regular inspection of your fuel tank vent hose can help prevent future issues and ensure the longevity of your fuel system.

- **Visual Inspection:** Periodically inspect the hose for signs of wear, cracking, dry rot, swelling, or kinks. Look for any fuel residue or discoloration around the connections, which could indicate a leak.
- **Clamp Tightness:** Check that hose clamps remain tight and secure. Vibrations and temperature changes can sometimes cause them to loosen over time.
- **Cleanliness:** Keep the area around the hose free from dirt, debris, and corrosive substances.
- **Replacement Schedule:** While there isn't a strict replacement interval for vent hoses, it's advisable to replace them if any signs of degradation are observed or during major fuel system overhauls.

TROUBLESHOOTING

If you experience issues related to your fuel tank ventilation, the vent hose could be a contributing factor.

Common Issues and Solutions:

- **Fuel Smell:** If you detect a strong fuel odor, especially near the rear of the vehicle, inspect the vent hose for cracks, loose connections, or leaks. Replace the hose if damaged.
- **Difficulty Filling Fuel Tank:** A clogged or kinked vent hose can prevent air from escaping the tank during refueling, causing the fuel pump nozzle to click off prematurely. Inspect the hose for obstructions or kinks.
- **Check Engine Light (EVAP System):** While less common for a simple vent hose, a severe leak or blockage in the vent system can trigger an EVAP (Evaporative Emission Control System) related check engine light. Consult a mechanic for diagnosis if other symptoms are present.
- **Visible Leaks:** Any visible fuel dripping from or around the hose indicates a critical failure. Immediately address the leak by replacing the hose and ensuring proper clamp installation.

WARRANTY INFORMATION

Omix-Ada proudly stands behind the quality of its products. The 17741.02 Fuel Tank Vent Hose comes with a **Limited 5-Year Warranty**. This warranty covers defects in materials and workmanship under normal use and service. For specific

terms, conditions, and to file a warranty claim, please refer to the official Omix-Ada website or contact their customer support.



Image: The Omix-Ada company logo, featuring a stylized gear and the brand name, representing the manufacturer of this product.

SUPPORT AND CONTACT

For further assistance, technical questions, or support regarding your Omix-Ada 17741.02 Fuel Tank Vent Hose, please contact Omix-Ada customer service or visit their official website.

Official Website: www.omix-ada.com (Please note: This is a placeholder URL as the actual support URL was not provided in the input. Users should refer to product packaging or official brand resources for accurate contact information.)

Customer Service: Refer to the Omix-Ada website for contact numbers or email support.

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This manual is for informational purposes only. Always consult a qualified professional for complex repairs.