

[Manuals.plus](#) /

› [Powerhouse](#) /

› Powerhouse POW301230 Transmission Tailshaft Plug Instruction Manual

Powerhouse POW301230

Powerhouse POW301230 Transmission Tailshaft Plug Instruction Manual

Model: **POW301230**

Brand: **Powerhouse**

PRODUCT OVERVIEW

The Powerhouse POW301230 is a transmission tailshaft plug designed to prevent transmission fluid loss during vehicle maintenance or transmission removal. This component ensures a secure seal, contributing to a cleaner work environment and preventing potential damage from fluid leaks. It is engineered for vehicle-specific applications, ensuring compatibility and effective performance.







Image: A Powerhouse POW301230 transmission tailshaft plug, a black cylindrical component, designed for sealing transmission openings.

PRODUCT COMPONENTS

The POW301230 kit includes five stepped plugs, designed to accommodate various transmission and transaxle diameters. The stepped design ensures a secure fit, preventing fluid loss and reducing oil leaks.

The plugs fit diameters from 1" (25.4mm) to 2.18" (55.37mm). Specific sizes include:

- **23410:** 1"-1.25" (25.4mm-31.75mm)
- **23420:** 1.30"-1.55" (33.02mm-39.37mm)
- **23430:** 1.60"-1.85" (40.64mm-46.99mm)
- **1.925"-2.18"** (48.89mm-55.37mm)

Additionally, the kit includes a 23450 adapter specifically for Ford transaxles, aiding in precise side gear centering.

Your browser does not support the video tag.

Video: This video demonstrates the five stepped plugs included in the kit, highlighting their various sizes and the secure fit provided by the stepped design. It also shows the 23450 adapter for Ford transaxles and explains that proper installation prevents leakage, and two plugs are needed if both transaxle shafts are removed.

INSTALLATION INSTRUCTIONS

1. **Select the Correct Plug:** Identify the appropriate stepped plug from the kit that matches the diameter of the transmission or transaxle tailshaft opening. The plug should fit snugly to ensure an effective seal.
2. **For Ford Transaxles:** If working with a Ford transaxle, utilize the included 23450 adapter for precise side gear centering.
3. **Insert the Plug:** Carefully insert the selected plug into the tailshaft opening. Ensure it is securely

positioned to create a tight seal and prevent any leakage.

4. **Dual Shaft Transaxles:** If both shafts of a transaxle are removed, two plugs are required to ensure effective sealing and prevent fluid loss from both openings.
5. **Verify Seal:** After installation, visually inspect the plug to confirm it is fully seated and provides a complete seal.

OPERATION

The Powerhouse POW301230 plug functions by creating a temporary, leak-proof seal in the transmission or transaxle tailshaft opening. This allows for the removal of the transmission or transaxle from the vehicle without spilling fluid, maintaining cleanliness, and preventing environmental contamination. The stepped design ensures adaptability to various opening sizes, providing a reliable barrier against fluid escape.

MAINTENANCE

To ensure the longevity and effectiveness of your Powerhouse POW301230 plug, follow these maintenance guidelines:

- **Cleaning:** After each use, clean the plug thoroughly with a suitable degreaser to remove any transmission fluid residue. Rinse with water and dry completely.
- **Inspection:** Regularly inspect the plug for any signs of wear, cracks, or damage. A damaged plug may not provide an effective seal.
- **Storage:** Store the plugs in a clean, dry environment, away from direct sunlight and extreme temperatures, to prevent material degradation.

TROUBLESHOOTING

Fluid Leakage

- **Incorrect Size:** Ensure the correct size plug has been selected for the tailshaft opening. A plug that is too small will not seal properly.
- **Improper Seating:** Verify that the plug is fully and securely seated in the opening. It should not be loose or easily dislodged.
- **Damaged Plug:** Inspect the plug for any visible damage, such as cracks or deformities, which could compromise its sealing ability. Replace if damaged.

Difficulty Inserting/Removing

- **Lubrication:** A small amount of transmission fluid or a compatible lubricant can be applied to the plug's surface to aid in insertion and removal.
- **Obstruction:** Check the tailshaft opening for any debris or obstructions that might be preventing smooth insertion or removal of the plug.

SPECIFICATIONS

Feature	Detail
Part Number	POW301230

Feature	Detail
Brand	Powerhouse
Manufacturer	COMP Cams
Fit Type	Vehicle Specific
Product Dimensions	20.32 x 5.38 x 5.38 cm
Item Weight	170 g
Country of Origin	USA
Plug Diameter Range	1" to 2.18" (25.4mm to 55.37mm)
Special Adapter	23450 for Ford transaxles

WARRANTY AND SUPPORT

The Powerhouse POW301230 Transmission Tailshaft Plug is backed by the manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the official COMP Cams website or contact their customer service department.

Manufacturer: COMP Cams

Website: www.compcams.com