

ACP FM-EY001

ACP FM-EY001 Drive Shaft Slip Yoke User Manual

Model: FM-EY001

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the ACP FM-EY001 Drive Shaft Slip Yoke. This component is designed for specific vehicle models including 60-76 Fairlane, Falcon, Mustang, and Torino, and is crucial for the proper function of your vehicle's drivetrain. It features 25 splines and is designed for 1 1/16-inch outer clips.

PRODUCT OVERVIEW

The ACP FM-EY001 Drive Shaft Slip Yoke is a high-quality reproduction made with cast steel construction. It serves as a critical link in the vehicle's drivetrain, attaching to the rear of the transmission and connecting to the driveshaft. Its primary function is to rotate 1310 U-joints connected to the driveshaft, thereby transmitting power to the rear axle.



Figure 1: Front view of the ACP FM-EY001 Drive Shaft Slip Yoke. This image shows the overall shape and material of the slip yoke, highlighting its robust cast steel construction and the opening for the U-joint.



Figure 2: Close-up view of the spline count on the ACP FM-EY001 Drive Shaft Slip Yoke. This image clearly displays the 25 internal splines, which are essential for proper engagement with the transmission output shaft.

INSTALLATION

1. **Preparation:** Ensure the vehicle is safely lifted and supported. Disconnect the driveshaft from the rear differential and transmission. Clean the transmission output shaft and the driveshaft U-joint area.
2. **U-Joint Installation:** Install the 1310 U-joint into the slip yoke, securing it with the 1 1/16-inch outer clips. Ensure the U-joint moves freely without binding.
3. **Lubrication:** Apply a thin layer of appropriate grease to the splines of the transmission output shaft and the internal splines of the slip yoke.

4. **Slip Yoke Attachment:** Carefully slide the slip yoke onto the transmission output shaft. Ensure the splines align correctly and the yoke slides on smoothly without excessive force.
5. **Driveshaft Connection:** Connect the driveshaft to the slip yoke, ensuring the U-joint caps are properly seated and secured.
6. **Final Check:** Verify all connections are tight and secure. Rotate the driveshaft by hand to ensure smooth operation and no binding.

Note: Professional installation is recommended for optimal performance and safety. Refer to your vehicle's service manual for specific torque specifications and procedures.

OPERATION

Once installed, the ACP FM-EY001 Drive Shaft Slip Yoke functions as an integral part of the vehicle's power transmission system. It allows for the necessary length changes in the driveshaft as the suspension moves, while continuously transmitting rotational power from the transmission to the driveshaft. The 25 splines ensure a secure and efficient connection, minimizing power loss and maintaining proper alignment.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the slip yoke and surrounding components for signs of wear, corrosion, or damage. Check for any looseness in the U-joint or excessive play in the slip yoke connection.
- **Lubrication:** Ensure proper lubrication of the U-joints and, if applicable, the slip yoke splines according to your vehicle's maintenance schedule. Lack of lubrication can lead to premature wear and noise.
- **Cleanliness:** Keep the area around the slip yoke free from dirt, debris, and contaminants that could interfere with its operation or accelerate wear.
- **Addressing Issues Promptly:** Any unusual noises, vibrations, or changes in vehicle handling should be investigated immediately by a qualified mechanic.

TROUBLESHOOTING

Symptom	Possible Cause	Solution
Vibration during acceleration	Worn U-joints, unbalanced driveshaft, or worn slip yoke splines.	Inspect U-joints and slip yoke. Replace worn components. Check driveshaft balance.
Clunking noise when shifting gears or accelerating/decelerating	Excessive play in slip yoke splines or worn U-joints.	Inspect for play. Replace slip yoke or U-joints as necessary.
Squeaking or chirping noise	Lack of lubrication in U-joints or slip yoke.	Lubricate U-joints and slip yoke. If noise persists, inspect for wear.

SPECIFICATIONS

- Manufacturer: ACP
- Model Number: FM-EY001
- Item Weight: 2.62 pounds
- Package Dimensions: 10 x 4 x 3 inches

Material: Cast Steel Construction

Spline Count: 25 Splines

U-Joint Clip Type: Outside Clips

U-Joint Cap Size: 1 1/16 inches

Compatibility: Designed for 60-76 Fairlane, Falcon, Mustang, Torino (Small Block V8)

WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official ACP website or contact the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.

Manufacturer Contact: Please visit the [ACP Brand Page](#) for potential contact information or support resources.