



1998 AND UP TAIL HOUSING KIT

Modern Installation Guide

Installation sequence

8 illustrated steps using the original Southwest Fabrication installation photography.

This redesigned guide preserves the installation sequence and technical content of the original instructions while improving readability and presentation.

Remove the Original Tail Housing

Remove the original tail housing, reluctor gear, and sleeve. The output shaft should be completely clear.

IMPORTANT: Retain the original tail housing O-ring. It will be reused on the adapter.



Install the 6-Bolt Adapter

Install the original O-ring on the 6-bolt adapter. Position the adapter on the transmission and secure it with the six stainless cap screws.



Verify Adapter Installation

Confirm that the adapter is fully seated and the output shaft remains unobstructed before installing the reluctor/drive gear assembly.

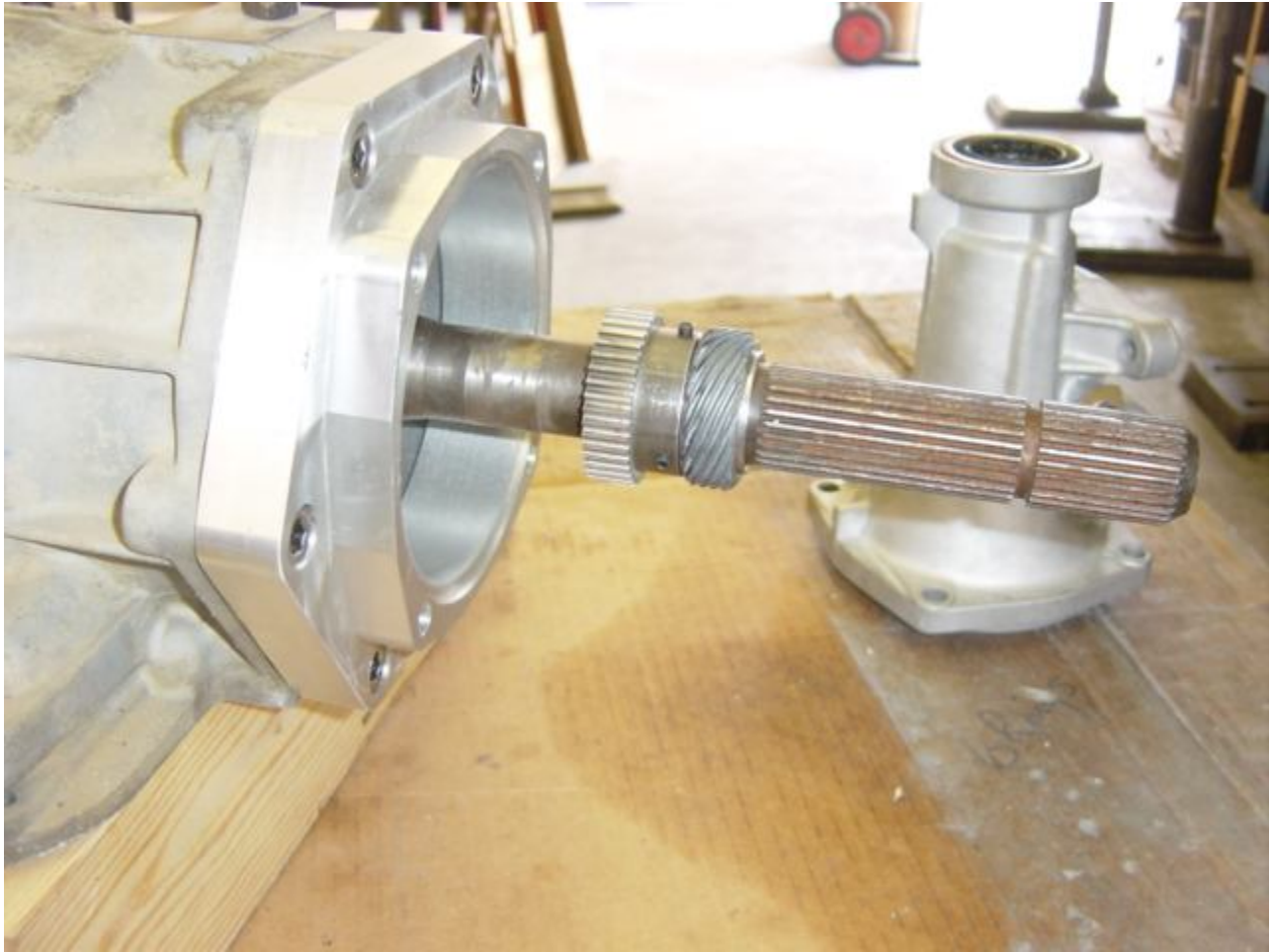
REFERENCE VIEW: This page in the original guide is photographic only; the wording here describes the visible installation state.



Position the Reluctor / Drive Gear Assembly

Slide the reluctor/drive gear assembly onto the output shaft. Do not tighten the set screws yet. Position the assembly so the drive gear is approximately centered in the speedometer sleeve opening.

DO NOT tighten the set screws during this positioning step.



Install the Tail Housing and Center the Gear

Install the tail housing onto the adapter with the four bolts and tighten. Through the speedometer sleeve opening, position the reluctor/drive gear assembly so the drive gear is centered in the opening.



Secure the Reluctor / Drive Gear Assembly

Loosen the four tail housing attachment bolts and remove the tail housing. Take care not to move the reluctor/drive gear assembly. Apply Loctite 242 to the three set screws and tighten them until secure.

CRITICAL: Do not disturb the gear position while removing the tail housing.



Reinstall the Tail Housing

Install the tail housing using the supplied four bolts.



Install the Speedometer Sleeve

Remove the speedometer sleeve clamp and install the sleeve. Reinstall the clamp, making sure the clamp tangs fit into the sleeve properly. Connect the VSS sensor and the mechanical speedometer cable.

FINAL CHECK: Confirm the sleeve is properly retained by the clamp before completing the installation.

