



# Technical Service Information

## **THM 4T80-E TROUBLE CODE P039 OR OBD II CODE P0741**

**COMPLAINT:** Vehicle illuminates the "Check Engine" lamp and stores Diagnostic Trouble Code P039 on 1993-1995 models, or OBD II Code P0741 on 1996-Up models. The converter clutch may or may not be operational.

**CAUSE:** The cause may be, one or both of the metal clad seals located in the channel plate not installed during the rebuilding process. Some overhaul kits do not include the turbine shaft seal in the kit.

**CORRECTION:** After removing both seals from the channel plate, install the Turbine Shaft Seal into the channel plate first, using the seal driver shown in Figure 1. The Turbine Shaft Seal is a double lip metal clad seal that is incorporated into a steel sleeve, and should be installed in the direction shown in Figure 1, as it is off-set in the sleeve.  
Next install the Drive Sprocket Seal into the channel plate, using the seal driver shown in Figure 2. Install the Drive Sprocket Seal with lip facing direction shown in Figure 2.  
If your overhaul kit did not include one or both of these seals, use the OEM part numbers listed under "Service Information" to obtain them.

### **SERVICE INFORMATION:**

Turbine Shaft Seal .....	24201991
Drive Sprocket Seal .....	24201992

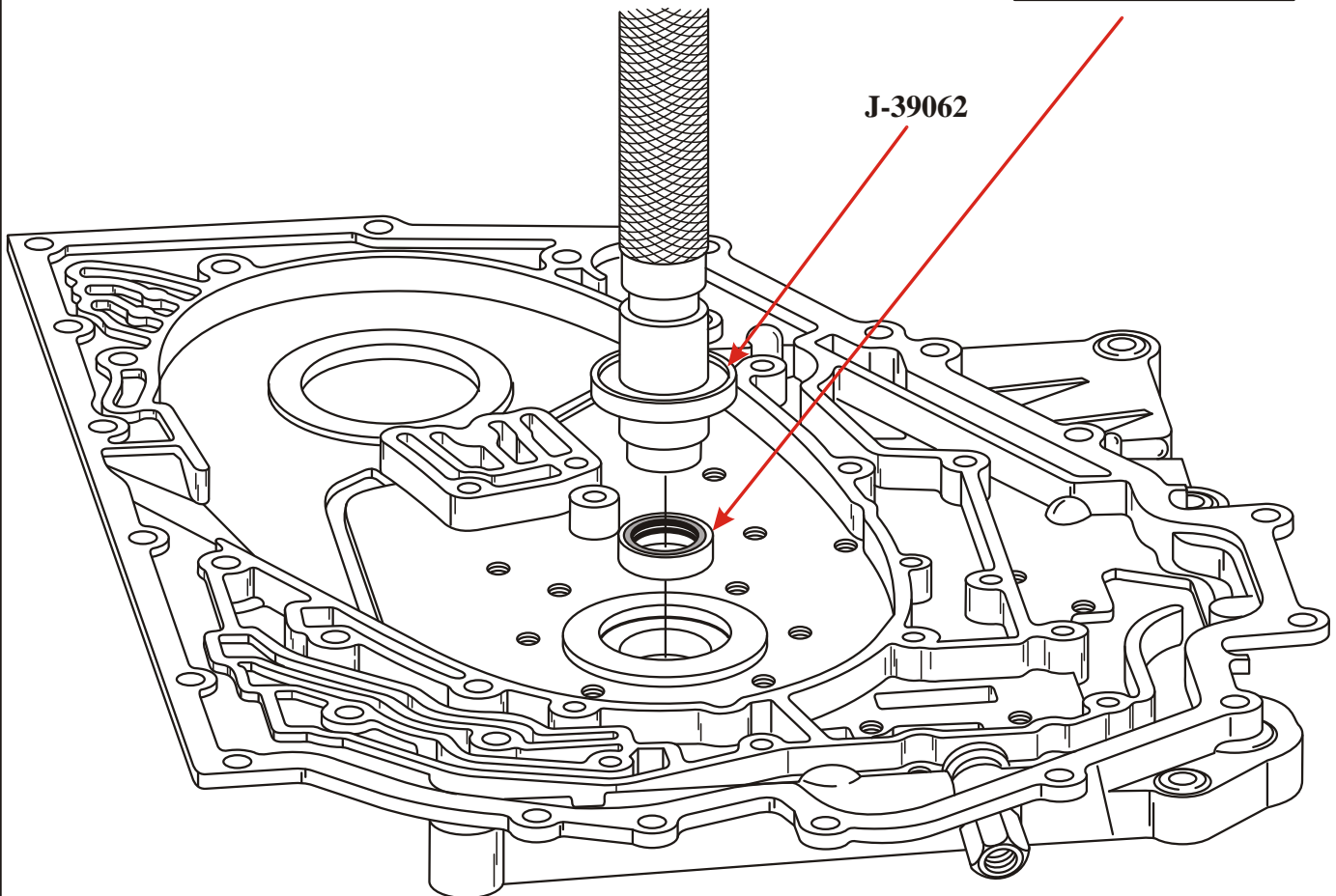
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## TURBINE SHAFT SEAL ASSEMBLY

*Cut-Away View of  
Double Lip Seal and  
Sleeve Assembly  
OEM Part Number  
24201991*



**J-39062**

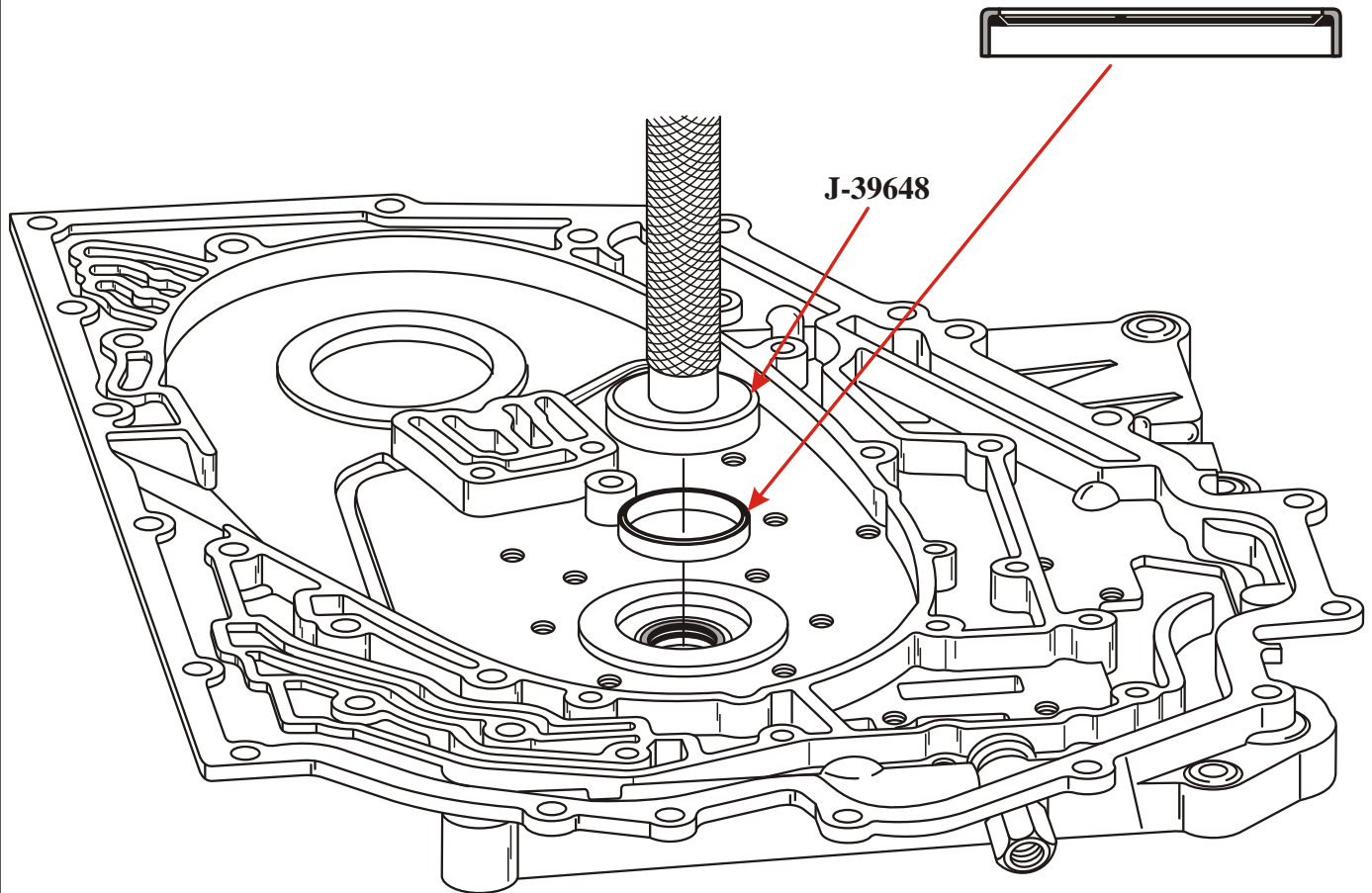


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Figure 1

## DRIVE SPROCKET SEAL ASSEMBLY

*Cut-Away View of  
Drive Sprocket Seal  
OEM Part Number  
24201992*



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Figure 2