

## Installation Instructions for Ford A4LD Lockup & 3-4 Shift Solenoids & Case Connector Kit

1. Remove the valvebody from the transmission. Remove the separator plate from the valvebody held by the low profile torx screws.  
**\*\*\*NOTE\*\*\* BE CAREFUL TO NOTE THE LOCATION OF CHECK BALLS AND "HOCKEY PUCKS"!!!**
2. Remove the OEM case connector at this time and discard it.
3. Remove the old lockup solenoid from the valvebody by removing the retaining-clip and sliding the solenoid from its bore. Discard the OEM retaining-clip at this time.
4. Remove old 3-4 shift solenoid from the valvebody by removing the retaining-clip and sliding the solenoid from its bore.  
**\*\*\*NOTE\*\*\* The new solenoids and case connector have been pre-assembled for convenience and ease of assembly.**
5. Place the supplied aluminum spacer plug into the 3-4 solenoid bore with the "nipple" on the plug facing out. Then insert the new 3-4 shift solenoid into the valvebody with the wires pointing to the pan side of the valvebody. Use transmission fluid to lubricate the o-rings to ease assembly. Reinstall the OEM retaining-clip to hold the solenoid in place. **See FIGURE 1.**
6. Insert the new lock-up solenoid into the valvebody with the wires pointing to the pan side of the valvebody. Use transmission fluid to lubricate the o-rings to ease assembly. Install the new, Rostra provided retaining-clip into the valvebody to hold the new solenoids. **See FIGURE 1.**  
**\*\*\*NOTE\*\*\* DO NOT USE OEM RETAINING-CLIP WITH ROSTRA LOCK-UP SOLENOID.**
7. Replace the separator plate, using a new gasket, onto the valve body. Replace the low profile torx screws and tighten. The new case connector has a flat to align it to the pan rail of the case, allowing easy removal without removing the valvebody.
8. With a new gasket between the transmission case and valvebody assembly, reassemble the valvebody back into the case, while guiding the case connector into its bore. Secure the valvebody with the original bolts and torque.
9. Retain the case connector by placing the supplied external snap ring into the groove on the connector. **See FIGURE 2.**



Form #4423, Rev. E, 03-06-02

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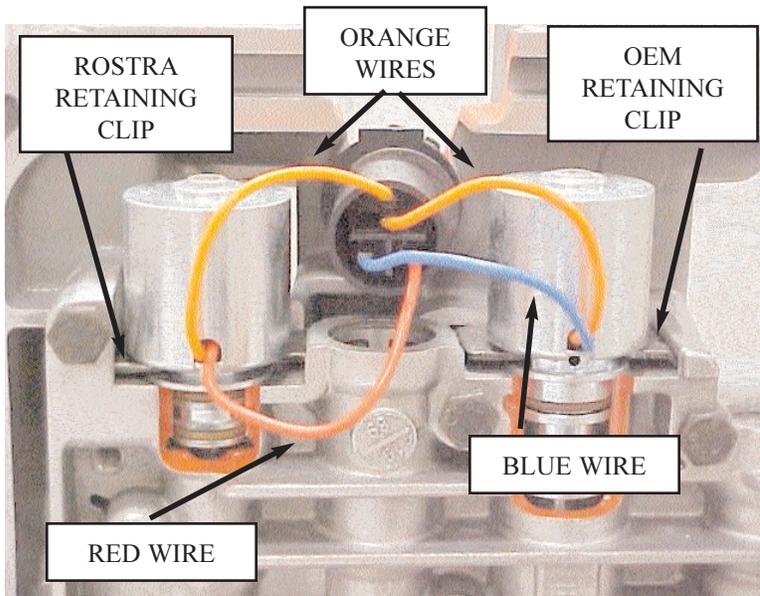


FIGURE 1

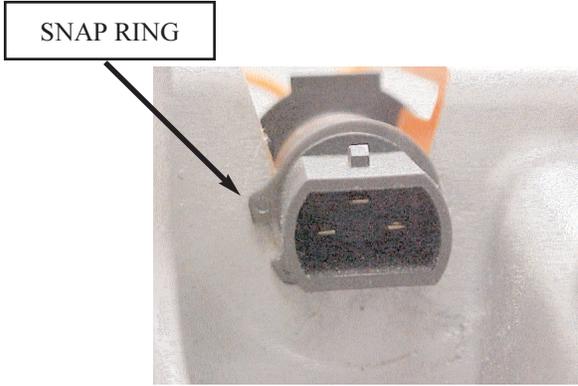


FIGURE 2

**WARNING: MUST USE ROSTRA SUPPLIED RETAINING CLIP FOR LOCK-UP SOLENOID!**

**WARNING: MUST USE OEM RETAINING CLIP FOR 3-4 SHIFT SOLENOID!**

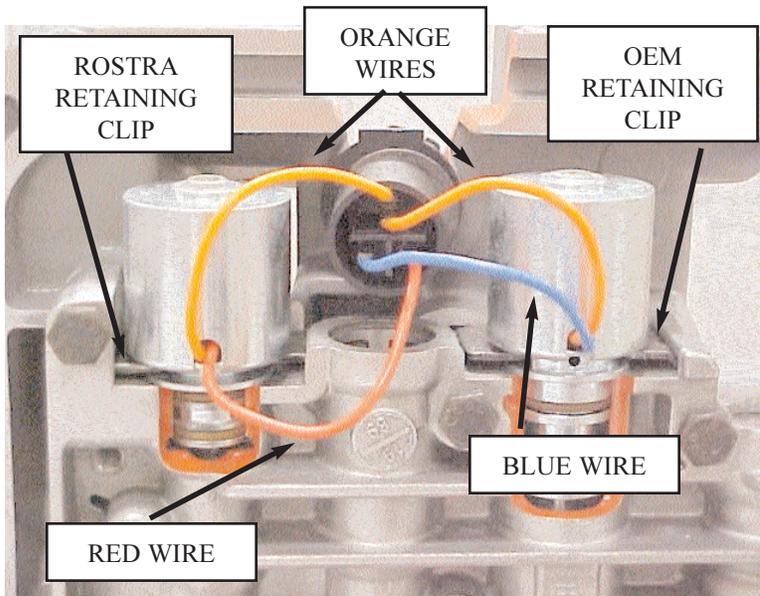


FIGURE 1

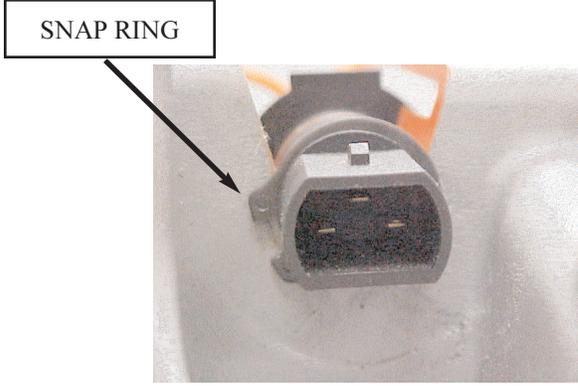


FIGURE 2

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