



## INITIAL ROAD TEST

### PLEASE FOLLOW THESE INSTRUCTIONS

1. After the fluid level has been confirmed full, erase any previous trouble codes from the TCM by using an appropriate scan tool.
2. Warm the vehicle up to operating temperature.
3. Turn off the transmission overdrive. There should be a light on the dash that confirms that overdrive has been turned off.
4. Road test the vehicle in a safe location.
5. Accelerate from stop to 40mph, hold speed for 30 seconds and turn the overdrive back on.
6. Accelerate to 50mph, hold speed again for 30 seconds.
7. While in 4th gear and holding the speed at 50 mph lightly depress the brake pedal and release.
8. Maintain the speed at 50 mph for 5 seconds, then bring the vehicle to a stop for at least 20 seconds.
9. **Repeat this process 5-10 times.**
10. After the road test is complete perform a key on engine off quick test and confirm there are no trouble codes present.

**If a trouble light or code appears during the road test, the problem MUST be corrected before operating the vehicle further.**



1-800-231-4005 WWW.CAMEROTA.COM



## E40D/4R100 INSTALLATION GUIDE

## COOLER FLUSHING

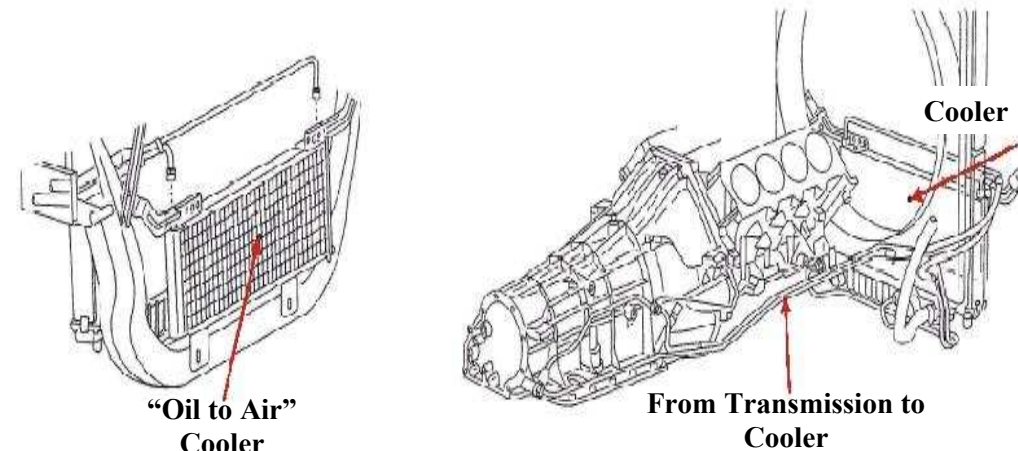
Most 1997 and newer F-Series trucks over 8500 GVW and some lighter F-Series trucks equipped with a trailer tow package using a 4R100, E4OD, or 4R70W transmissions use an oil to air transmission cooler.

These coolers may be used either alone in front of the radiator or they may be used in series with the radiator cooler.

Due to the construction of these oil to air coolers they cannot be properly flushed and **must be replaced when installing a new transmission**. When a radiator cooler is also used this cooler must still be flushed.

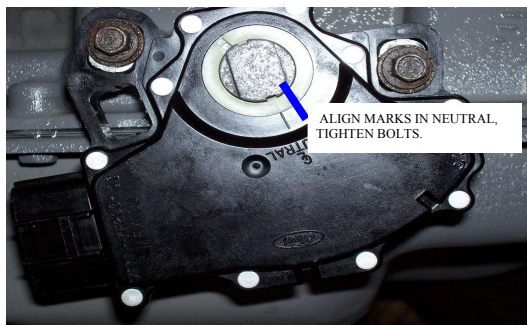
Some vehicles may also have an in-line filter that must be changed and/or eliminated. The radiator cooler system must still be properly flushed at this time.

**Failure to follow these instructions will contaminate or starve the replacement unit of oil and cause a transmission failure!**



## INSTALLATION RECOMMENDATIONS

Camerota Truck Parts recommends that the MLPS switch be replaced at the time of installation. Adjust the switch with the shift lever in neutral. Align the marks on the switch body and the white sleeve marked "neutral". (See picture)



## INSTALLATION RECOMMENDATIONS (Continued)

- Check the vehicle solenoid harness for corrosion, cracks, and seal condition.
- **A bad electrical connection will cause the transmission to malfunction.**
- Check the flex plate for cracks, oblong holes and/or other damage.
- Torque the converter nuts to 22-38 ft-lb.
- Check for transmission alignment dowel pins.
- Check vehicle battery/charging system for proper operation.
- If the original unit failure was for a cracked or broken bell housing, the source or cause must be found and corrected before installation.

## LUBRICATION AND INITIAL FILL RECOMMENDATIONS

**CAUTION:**

**USE ONLY RECOMMENDED FLUID**

RECOMMENDED FLUID	MERCON/DEXRON
<b>OIL CAPACITIES:</b>	
First fill of dry transmission	12-16 QTS
At oil changes	8-10 QTS
<b>OIL CHANGE INTERVALS:</b>	
Oil change in normal operating conditions	30,000 miles
Oil change in tough operating conditions	20,000 miles

## FILLING PROCEDURE

- Before starting the engine pour in 4-6 quarts of fluid.
- Start the engine, check fluid level, and add fluid as needed.
- Put the vehicle in drive and reverse several times.
- Re-check fluid level for proper fill.
- Be careful as residual oil in the filler tube will give false readings. Check both sides of the stick.
- On 4x4 units with a parking brake attached you must fill the parking brake separately.
- CTP recommends replacing the input seal of the transfer case during installation.