

# MAD DOG



## Instructions For Installing Your Transmission

- Flush your cooler to prevent contamination of your new transmission and converter.
- We recommend installing a new converter.
- Verify that the converter is properly installed in the transmission before bolting unit into vehicle.
- Thoroughly inspect your flexplate and drive shaft before installing transmission. Look for bad teeth, cracks, loose or missing balance weights, worn yoke or universal joints. These problems will cause vibration and other damage.
- ALWAYS install and adjust any required TV or kick down cables exactly according to the instructions. INADEQUATE PRESSURE WILL QUICKLY DESTROY YOUR TRANSMISSION.
- Verify shifter adjustment before starting engine. Vehicle should start in PARK and NEUTRAL only! Transmission damage will occur if unit is operated between gears.
- Check that the transmission cooler lines are not kinked or touching the exhaust system.
- If your transmission is equipped with a vacuum modulator it is VERY IMPORTANT to verify the amount of vacuum at the modulator with a gauge. Automatic transmissions typically need a minimum of 12 in. Hg. at idle. Throttle position increases should produce a quick decrease in the vacuum reading at the modulator. Not enough vacuum will cause late, harsh shifts. Slow response to throttle position changes due to a kinked or plugged line will not properly boost line pressure and will BURN UP YOUR TRANSMISSION.
- Add at LEAST 4 quarts of transmission fluid to the transmission before starting the engine to prevent damage. Continue filling with engine running to proper level.
- Re-torque the oil pan bolts after installation to 13 ft.-lbs. to prevent leakage.
- Run your transmission with the vehicle on jack stands so that any maladjustments are corrected before they can cause damage.
- Don't attempt to use a kinked metal or all rubber hose to connect your vacuum modulator if applicable. Proper installation is a metal line carefully bent, with just a few inches of rubber hose on either end for connection.
- NEVER install a TV cable without the proper brackets. Your transmission WILL BURN UP as a result of inadequate operating pressure. Outlaw carries special brackets designed specifically for your carburetor.
- Never use a solid transmission mount unless solid engine mounts are used. This WILL cause the case to crack.
- Never install pipe plugs in the cooler fittings. A cooler loop, at the very least, should be installed so that transmission lubrication is not compromised.
- Don't use Teflon tape when installing cooler fittings into the case or the case WILL crack.
- Don't overfill your transmission. Be sure the filler tube and dipstick are correct for your application.
- Don't use the vehicle if a problem is suspected with your new transmission. Many times problems can be rectified while the transmission is still in the vehicle, but, if the transmission suffers permanent damage it will need to be removed.

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