

# ATTENTION

YOUR WARRANTY DEPENDS ON YOUR ADHERENCE TO THESE GUIDELINES

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## 62TE Chrysler Automatic Transmission

## INSTALLATION GUIDE

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### CHECKLIST

- Compare replacement transmission and torque convertor to original before installation.
- Scan original vehicle computer, record any codes for later review and resolve all codes.
- Transmission cooler and lines must be hot flushed or replaced.
- The drain back valve in the cooler line must be removed or replaced to prevent a cooler restriction that will cause transmission failure.
- Inspect flex plate closely and completely for cracks or any damage.
- Inspect all engine and transmission mounts for wear and damage.
- Be sure both dowel pins are clean, installed properly, and are in good condition.
- Seat the torque converter completely in the transmission prior to installation in the vehicle.
- Verify that the engine block and bell housing surfaces are clean and free of paint, grease, oil and corrosion.
- Air tools should NOT be used to force the transmission against the engine block; this may damage or break the transmission case.
- Torque converter bolts stretch with use. Be sure to check length before installation or replace them to prevent torque converter damage.
- Clean the driveshaft yoke or transfer case input shaft prior to installation to prevent transmission output seal damage.
- Inspect driveshafts and u-joints for wear, binding, and damage.
- Test all sensors and switches that have been transferred from the original transmission for correct operation.
- Using the purchased synthetic or ATF+4, add 5 qts of fluid and start the engine. Continue adding fluid until full, as indicated on dipstick. For applications without dipsticks, see Fluid Check Procedure on the next page.
- Check fluid level in NEUTRAL with the transmission at operating temperature. The transmission vent is located on the pump and will allow fluid to leak if it is overfilled.
- Confirm that the transmission has a good ground connection; reattach all ground straps to the correct location free of paint, grease, oil and corrosion.
- Verify that the engine block and bell housing surfaces are clean and free of paint, grease, oil and corrosion.
- Adjust gearshift linkage after installation.
- Adjust throttle valve cable or reset throttle valve actuator to prevent improper shift timing and transmission damage.

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## QUICK LEARN PROCEDURE

The installing facility should verify they have the proper tools and that the scan tool they have is capable of performing the necessary procedures. As an option, the vehicle may be towed to a dealership to perform these functions at the installing facility's expense.

**Operating the vehicle in any manner without performing the procedures described above can cause immediate damage to the transmission.**

To perform the Quick Learn Procedure, the following conditions must be met:

- The brakes must be applied
  - The engine speed must be above 500 rpm
  - The throttle angle (TPS) must be less than 3 degrees
  - The shift lever position must stay until prompted to shift to overdrive
  - The shift lever position must stay in overdrive after the Shift to Overdrive prompt until the DRB III indicates the procedure is complete.
  - The calculated oil temperature must be above 60°F and below 200°F
1. Plug the DRB III scan tool into the diagnostic connector. The connector is located under the instrument panel.
  2. Go to the Transmission > Miscellaneous > Quick Learn Procedure screen.
  3. Follow the instructions of the DRB III to perform the Quick Learn Procedure.

## FLUID CHECK PROCEDURE

If your transmission does not come with a dipstick, follow these instructions. To ensure proper fluid level, use Miller special tool 9336A

1. Verify that the vehicle is parked on a level surface.
2. Remove the dipstick tube cap.
3. Actuate the service brake. Start engine and let it run at idle speed in selector lever position "P".
4. Shift through the transmission modes several times with the vehicle stationary and the engine idling.
5. Warm up the transmission, wait at least 2 minutes and check the oil level with the engine running. Push the Oil Dipstick 9336 into transmission fill tube until the dipstick tip contacts the oil pan and pull out again, read off oil level, repeat if necessary.  
**NOTE:** When inserting dipstick special tool 9336, excess force may cause the dipstick to slip past the stop on the bracket in the transmission oil pan. The dipstick should be inserted into the fill tube approximately 16.7". The dipstick will protrude from the fill tube when installed.
6. Check transmission oil temperature using the appropriate scan tool.
7. The transmission Oil Dipstick 9336 has indicator marks every 10 mm. Determine the height of the oil level on the dipstick and using the height, the transmission temperature, and the following graph, determine if the transmission oil level is correct.
8. Add or remove oil as necessary and recheck the oil level.
9. Once the oil level is correct, install the dipstick tube cap.

