

2003 Ford Mustang V8-4.6L SOHC VIN X

Vehicle > Technical Service Bulletins

M/T - TR36550 5SPD JUMPS OUT OF GEAR/ GEAR CLASH

TSB 04-15-6

08/09/04

TR3650 MANUAL TRANSMISSION - JUMPS OUT OF
GEAR 2ND AND/OR 3RD - CLASH NOISE AND/OR
RASPY FEEL ON GEAR ENGAGEMENT

FORD:

2001-2003 Mustang

ISSUE

Some 2001-2003 Mustang vehicles, equipped with TR36505 speed manual transmission may exhibit a clash noise and/or a raspy (rough) feel on gear engagement during 1-2 or 2-3 shifts. The transmission may also exhibit a jump-out from 2nd and/or 3rd gear. The condition may be more pronounced when the transmission is colder than 40°F (5°C).

ACTION

To service, install a Synchro Kit. The kit includes 2nd main shaft gear, 1-2 synchronizer assembly, 3rd main shaft gear 3-4 synchronizer assembly the 1-2 and 3-4 shift fork and rail assemblies, blocking rings and an oil fill level sticker. Add new transmission fluid and fill to the revised lower level. Refer to the following Service Procedure.

SERVICE PROCEDURE

NOTE

ALL COMPONENTS IN THE KIT ARE REVISED AND MUST BE REPLACED.

NOTE

BLOCKING RINGS MAY APPEAR DIFFERENT THAN THOSE BEING REMOVED FROM THE TRANSMISSION.

NOTE

REFER TO THE WORKSHOP MANUAL SECTION 308-03 TO AID IN THE FOLLOWING PROCEDURE.

1. Remove the transmission from the vehicle.
2. Disassemble the transmission.
3. Install all of the revised components included in kit 3R3Z-7124-AC.

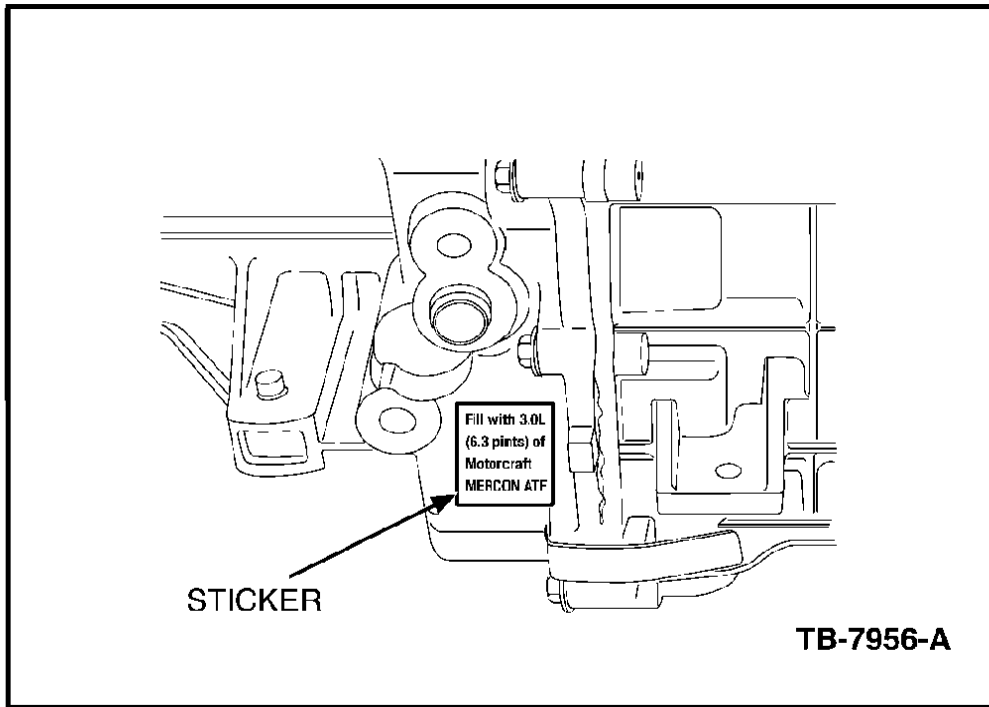


Figure 1

4. Clean oil from area 26 mm (1") below the transmission fill plug (Figure 1) and install the oil fill sticker included in the kit.

NOTE

THIS TSB DOES NOT AUTHORIZE REPLACEMENT OF THE CLUTCH ASSEMBLY AND RELEASE BEARING FOR NORMAL WEAR. IF SUFFICIENTLY WORN, THE CUSTOMER MAY WISH TO HAVE THEM REPLACED AT THEIR EXPENSE. SOME DISCOLORATION AND LIGHT SCRATCHES ON THE FLYWHEEL OR PRESSURE PLATE ARE CONSIDERED NORMAL AND RESURFACING IS NOT REQUIRED.

5. Reinstall the transmission.

6. Fill the transmission with 3.0 liters (6.3 pints) of Motorcraft Mercon ATF (XT-2-QDX). The full fill level is approximately 19 mm (0.75") below the fill hole.

NOTE

SHIFT QUALITY MAY IMPROVE FURTHER WITH BREAK IN, APPROXIMATELY 644 KILOMETERS (400 MILES) OF DRIVING.

PART NUMBER	PART NAME
3R3Z-7124-AC	Synchro Kit
XT-2-QDX	Mercon ATF

Parts Block

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage

OPERATION DESCRIPTION TIME 041506A Install Components 5.6 Hrs. Included In Kit (Includes Time To Remove And Install Transmission And Final Road Test)

DEALER CODING

CONDITION BASIC PART NO. CODE 7124 42