

2001 Ford Mustang V6-3.8L VIN 4
Vehicle > Technical Service Bulletins

A/T - 4R70W TICKING NOISE IN 1ST GEAR

Article No.

01-5-8

March 19, 2001

^ NOISE - "TICKING" OR "CLICKING" FROM
^ TRANSMISSION - HEARD IN 1ST GEAR ONLY -
^ VEHICLES EQUIPPED WITH 4R70W AUTOMATIC
^ TRANSMISSION ONLY

^ TRANSMISSION - 4R70W - "TICKING" OR
^ "CLICKING" NOISE FROM TRANSMISSION - HEARD
^ IN 1ST GEAR ONLY - VEHICLES EQUIPPED WITH
^ 4R70W AUTOMATIC TRANSMISSION ONLY

FORD:

2000-2001 CROWN VICTORIA, MUSTANG, ECONOLINE, F-150

LINCOLN:

2000-2001 TOWN CAR

MERCURY:

2000-2001 GRAND MARQUIS

ISSUE

Some vehicles equipped with the 4R70W automatic transmission may exhibit a "Ticking" or "clicking" type noise in first gear. This may be caused by the intermediate clutch moving inside the transmission.

ACTION

Install an intermediate clutch anti-rattle clip to correct noise. Refer to the following Service Procedure for details.

SERVICE PROCEDURE

1. Verify clicking noise in first (1st) gear only.
2. Lift and support vehicle. Refer to the appropriate model year Workshop Manual, Section 100-02.
3. Remove the transmission from the vehicle. Refer to Workshop Manual, Section 307-01.
4. Remove the torque converter and the front pump assembly from the transmission. Remove and discard front

pump gasket. Refer to Workshop Manual, Section 307-01.

5. Before installing the anti-rattle clip, push on the clutch plates opposite the 1 o'clock case position. This will provide the maximum opening for the clip to be installed and assure that the rattle clip seats properly on the pressure plate face.

NOTE:

USE CAUTION WHEN REMOVING PUMP ASSEMBLY FROM TRANSMISSION. THE REVERSE CLUTCH AND FORWARD CLUTCH CYLINDER ASSEMBLIES CAN BE MOVED SO THAT THE DRIVING HUBS DO NOT ENGAGE ALL THE FRICTION PLATE DRIVE SPLINES. THIS WILL CAUSE THE TRANSMISSION END CLEARANCE TO BE REDUCED AND DAMAGE CAN RESULT.

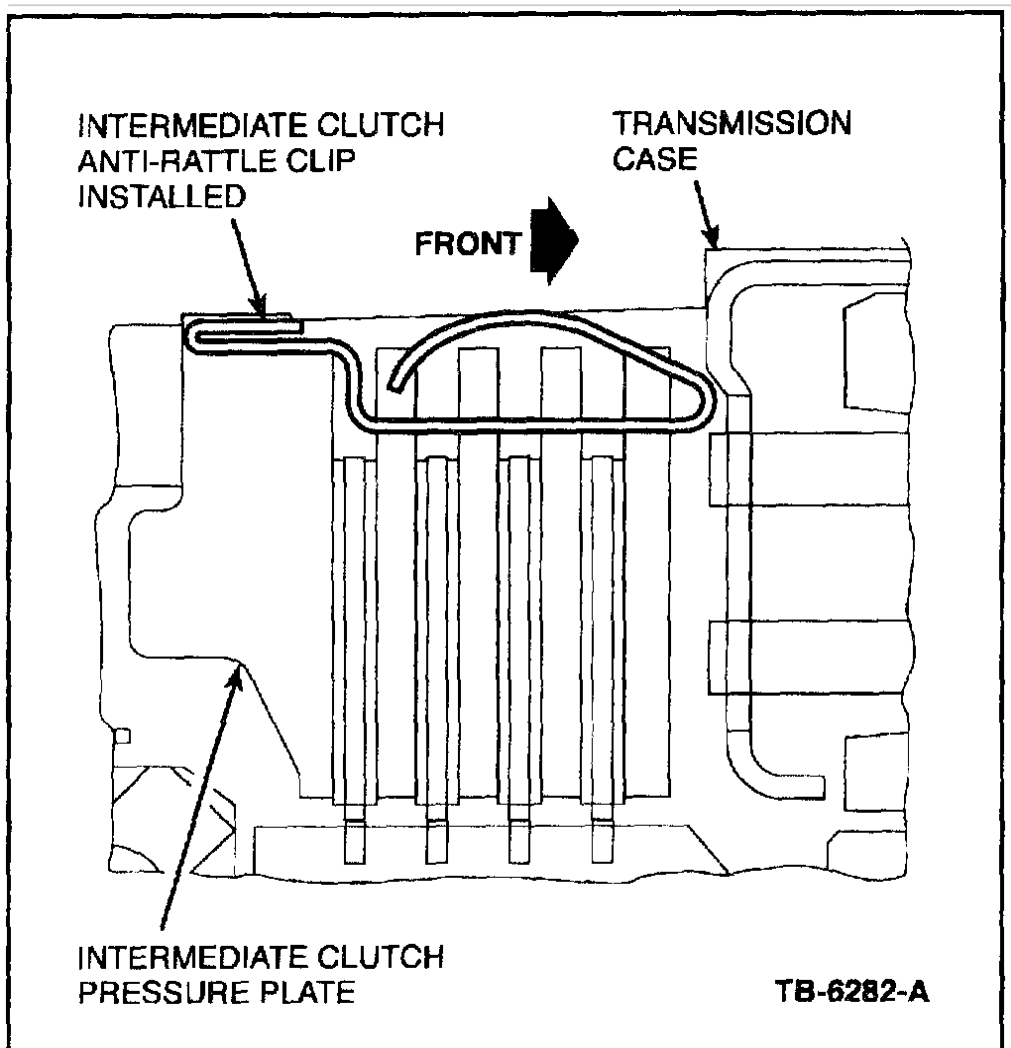


Figure 1

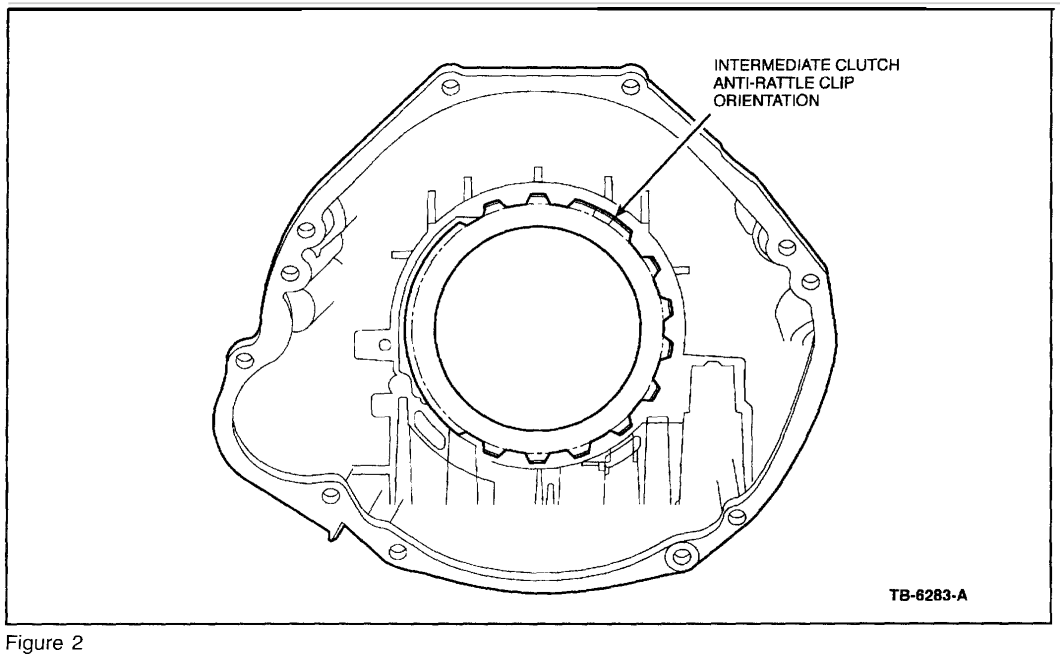


Figure 2

6. Install new Intermediate Clutch Anti-Rattle Clip (YL3Z-7A609-AA) in the center of the 1 o'clock case position. Push clip in until fully seated. (Figures 1 and 2).
7. Check that the intermediate clutch and transmission end clearances are correct. Refer to Workshop Manual, Section 307-01.
8. Install transmission pump assembly using a new Pump Gasket (F2VY-7A1 36-A). Refer to Workshop Manual, Section 307-01.
9. Install the transmission and lower vehicle.
10. Fill transmission to the correct level.

PART NUMBER	PART NAME
YL3Z-7A609-AA F2VY-7A136-A	Clip - Intermediate Clutch Anti-Rattle Gasket - Transmission Pump

PARTS BLOCK

OTHER APPLICABLE ARTICLES: NONE

WARRANTY STATUS: Eligible Under The Provisions Of Bumper To Bumper Warranty Coverage

010508A	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - Mustang 4.6L	3.8 Hrs.
010508B	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - Mustang 3.8L	3.6 Hrs.
010508C	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - F-Series 4X4	6.5 Hrs.
010508D	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - F-Series 4X2	4.1 Hrs.
010508E	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - Econoline	3.9 Hrs.
010508F	Install Anti-Rattle Clip (Includes Time To Remove And Install Transmission) - Crown Victoria/Grand Marquis And Town Car	4.4 Hrs.

OPERATION/DESCRIPTION/TIME

BASIC PART NO.
7A609

CONDITION
CODE
39

DEALER CODING

OASIS CODES: 504000, 597997, 702000, 702100

