

RATTLE/BUZZ/VIBRATION—TRANSMISSION CROSS-MEMBER EXHAUST MOUNT—BUILT BEFORE 12/3/2007

TSB 08-3-4

FORD:
2005-2008 Mustang

This article supersedes TSB 06-4-1 to update the vehicle model years and Service Procedure.

ISSUE

Some 2005-2008 Mustang vehicles, built before 12/3/2007, may exhibit a concern with rattle/buzz/vibration from either the center stack (radio/heater) console, steering wheel, seat, floorpan, and/or gearshift area.

ACTION

Follow the Service Procedure steps to correct the condition.

SERVICE PROCEDURE

The rattle/buzz/vibration may be caused by one or both of the exhaust hanger isolators on the transmission cross member number 3 being loose in the bracket and/or compressed by misaligned exhaust hanger rod. If the voids in the isolator are compressed by the exhaust hanger rod, then it may allow the hanger rod to ground through the number 3 transmission cross member exhaust mount bracket (Figure1). Follow the Service Procedure steps to correct the condition.

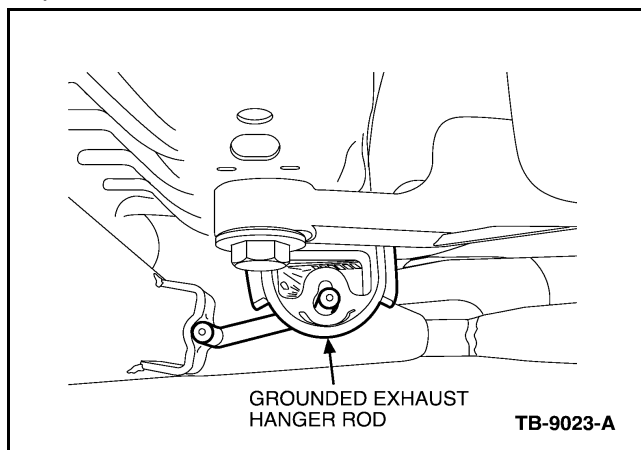


Figure 1 - Article 08-3-4

NOTE

V6 VEHICLES MAY HAVE THE RATTLE/VIBRATION AT APPROXIMATELY 850 RPM AND 1500 RPM; THE V8 AT APPROXIMATELY 1200 RPM AND 3200 RPM.

NOTE

REFER TO TSB 05-08-06 FOR 2005 4.0L AUTOMATIC TRANS VEHICLES EXHIBITING VIBRATION/DRONE CONCERNS.

1. Using a suitable saw or cutting tool, cut the exhaust hanger rod isolator mount (and worm clamp if TSB 06-4-1 was previously performed) from the transmission cross-member as shown (Figure 2). The hanger rods/isolators are a production assembly aid and are not required. Do not cut off the hanger rod from the exhaust system.

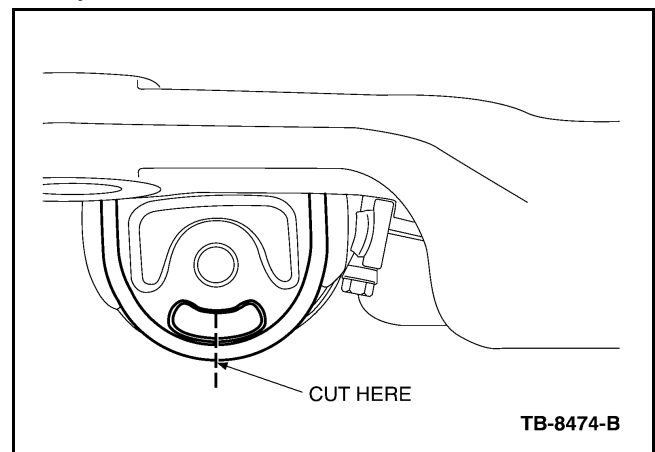


Figure 2 - Article 08-3-4

2. Remove the mount pieces from the transmission cross-member. The isolator mount attachment tabs point towards the center of the vehicle.
3. Remove the isolator from the exhaust hanger rod.

NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford, Lincoln, or Mercury dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.

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4. Bend exhaust hanger rod to a horizontal position to create approximately 2" (50 mm) clearance to the transmission cross-member (Figures 3 and 4).

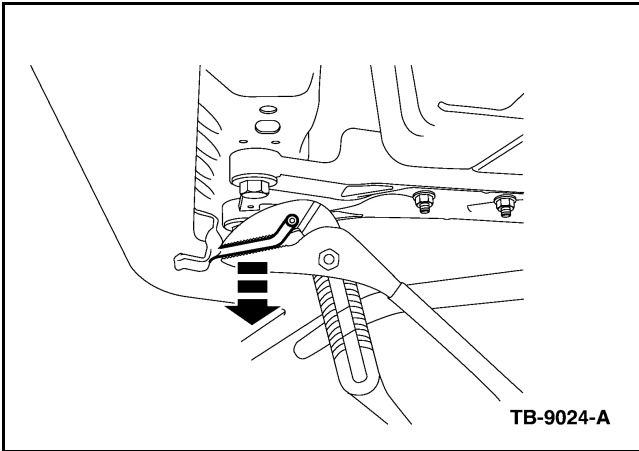


Figure 3 - Article 08-3-4

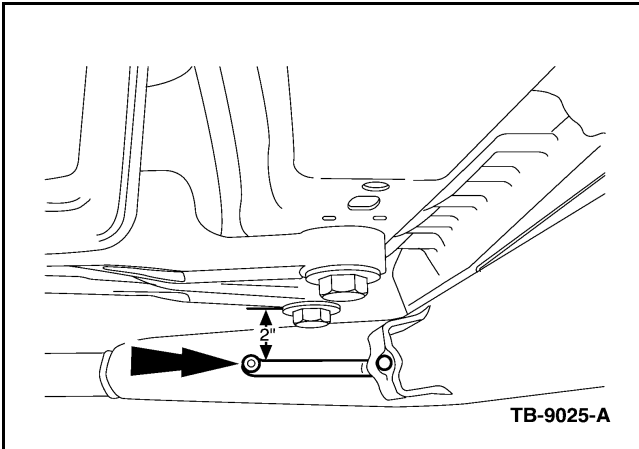


Figure 4 - Article 08-3-4

5. Verify that the exhaust system is properly aligned by measuring the distance between the exhaust pipe and floor pan (behind the cat). The distance should be 2" ± 0.5" (50 mm ± 13 mm). If not, then align using the following instructions:

Exhaust System Alignment:

1. Loosen, but do not completely remove all four (4) catalytic converter-to-exhaust manifold nuts. The catalyst should now be loosely supported in the vehicle.
2. Position a jack stand underneath the catalytic converter Y-Pipe / H-Pipe.
3. Adjust the height of the catalyst using the jack stand to achieve the 2" ± 0.5" (50 mm ± 13 mm) clearance between the exhaust pipe and floor pan (behind the catalytic converter).

4. Evenly tighten all four (4) catalytic converter-to-exhaust manifold nuts (starting with the right lower, then the left lower, then the right upper, then the left upper) in 7 lb-ft (10 N•m) increments to a final torque of 33 lb-ft (45 N•m).
5. Verify that the nuts on the coupler between the intermediate pipe and catalytic converter are torqued to 40 lb-ft (54 N•m).

OTHER APPLICABLE ARTICLES: 05-8-6

WARRANTY STATUS: Eligible Under Provisions Of New Vehicle Limited Warranty Coverage
IMPORTANT: Warranty coverage limits/policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

OPERATION	DESCRIPTION	TIME
080304A	2005-2008 Mustang built Before 12/03/2007: Remove The Exhaust Isolator Mounts, Adjust The Exhaust Hanger Rod And, Verify Exhaust System Is Properly Aligned Following Service Procedure (Do Not Use With 5200A, 5229A)	0.3 Hr.
080304B	2005-2008 Mustang built Before 12/03/2007: Remove The Exhaust Isolator Mounts, Adjust The Exhaust Hanger Rod, Verify Exhaust System Is Properly Aligned And, Perform Exhaust System Alignment Following Service Procedure (Do Not Use With 5200A, 5229A)	0.5 Hr.

DEALER CODING

BASIC PART NO.	CONDITION CODE
6A023	07