

Service Bulletin

Mazda Motor of America, Inc.
7755 Irvine Center Drive
Irvine, California 92718
Telephone (714) 727-1990

1 WWS
mazda

Category B	Applicable Model/s 1988-90 626/MX-6 ATX	Subject IDLE VIBRATION IN "D" RANGE	Bulletin No. 001/90 Issued 4/20/90 Revised
---------------	---	--	--

NOTE:

No. 1 and no. 2 engine mounts, which are more effective for this subject matter, are now available as service parts only for field complaints. The mass-production change and field countermeasure were explained in Service Bulletin, Category 1 no. 042/89. When you encounter a customer complaint regarding the following description, please handle it in accordance with this bulletin.

DESCRIPTION

Excessive vibration may be felt in the steering wheel and seats while idling in "D" range, especially when electrical load is applied. For the proper repair procedure, refer to the instructions in this Service Bulletin.

Please note that the customer may also describe this complaint as a low rough idle and may not necessarily complain of vibration. Therefore, confirm the customer complaint carefully before attempting any repair.

PRODUCTION CHANGE

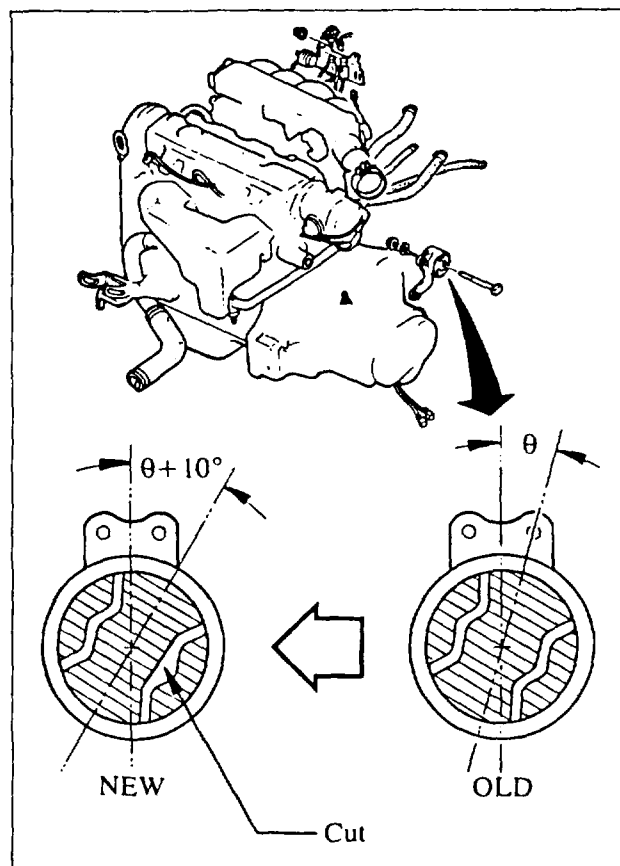
No. 1 engine mount and radiator lower mount rubbers have been changed as follows:

• No. 1 Engine Mount

- The diameter of the rubber has been increased from 3.15 in. to 3.54 in. since the November, 1988 production.
- The rubber has been turned 10° toward the engine side since the November, 1988 production.

• Radiator Lower Mount

- Changed since June, 1989 production.



IMPORTANT Service and Parts Managers should read this bulletin carefully, sign and convey all information to those concerned.

Signature _____

Service Manager

Signature _____

Parts Manager

Number: 001/90	Date Issued: 4/20/90	Date Revised:
----------------	----------------------	---------------

PARTS INFORMATION

FIELD COUNTER-MEASURE PART	MASS-PRODUCTION PART	DESCRIPTION	APPLICABLE MODELS
⊗GNY1 39 040	M002 39 040A	#1 Engine Mount	ATX w/o Turbo
⊗GNY2 39 040	GJ28 39 040D	#1 Engine Mount	ATX w/ Turbo
⊗GNY1 39 050	—	#2 Engine Mount	ATX (all)
F202 15 202B	F202 15 202B	Radiator Lower Mount	ATX w/o Turbo
B61A 15 202	B61A 15 202	Radiator Lower Mount	ATX w/ Turbo

NOTE:

The "⊗" indicates that parts are available for field complaints. They are more effective for the problem described in this bulletin than the mass-production parts.

REPAIR PROCEDURE

1. Check that the idle speed is within the specification.

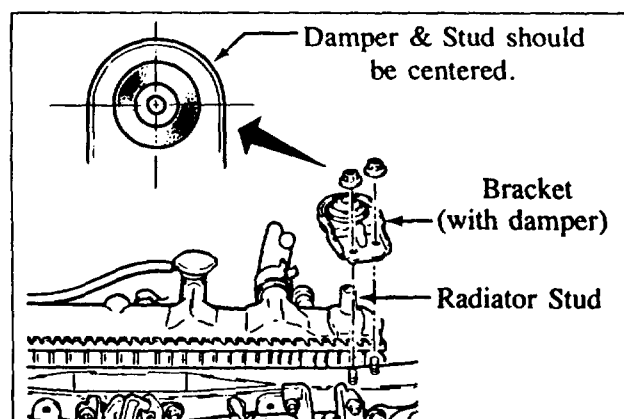
Idle Speed: 750 ± 25 RPM (in P range)

If the idle speed is not within the specification, adjust it to 750 RPM with test connector grounded.

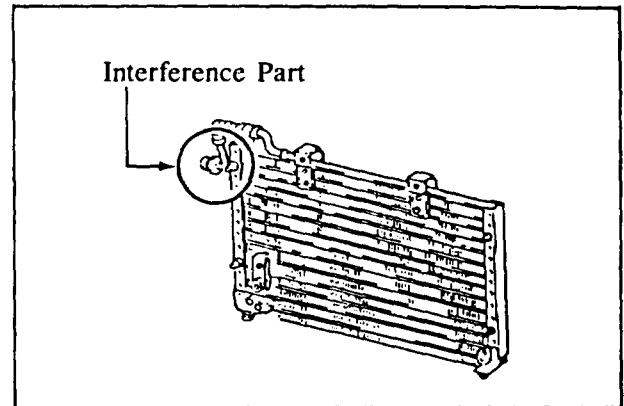
2. Replace the radiator lower mounts with modified ones.

3. Check that the radiator is centered in the radiator upper brackets so that it can move more effectively as a dynamic damper. If not, adjust the radiator or the brackets as follows:

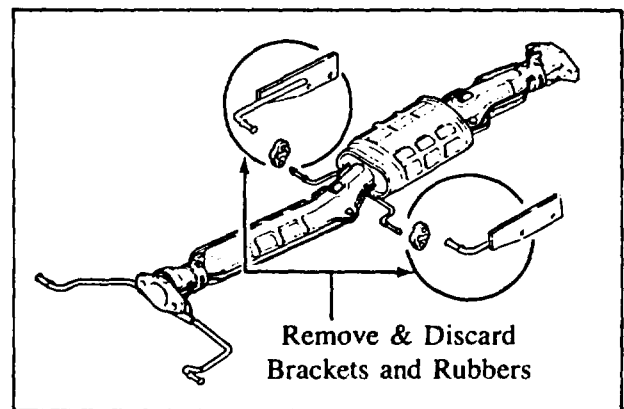
- Adjust the position of the upper brackets.
- Adjust the position of the radiator upper hose so the radiator is not pushed or pulled out of position.



4. Check if the A/C pipe (from compressor to condenser) is not interfering with the radiator. If necessary, reposition the A/C pipe to make enough clearance between the A/C pipe and the radiator.



5. Adjust the hood lock if a rattle noise is heard from the hood.
6. Replace the no. 1 and no. 2 engine mounts with countermeasure parts.
7. Remove and discard the no. 2 silencer hanger and rubbers which are located in front of the pre-silencer. After removing the hangers from the body, reinstall the bolts into the body to prevent water from entering.
8. In a case where the idle vibration is not corrected to a satisfactory level, ground the test connector and adjust the idle speed to 950–1000 RPM. Then, disconnect the test connector.



WARRANTY INFORMATION

Warranty Type Code:	A
Customer Comment Code:	83
Damage Code:	97
Part No. of Main Cause:	GNY1 39 0400 (ATX w/o Turbo) GNY2 39 0400 (ATX w/Turbo) GNY1 39 0500 (ATX w/Turbo, w/o Turbo)
Operation No:	XX0376-R-X (for all repairs) XX0331-R-2 (except R&R of no. 1 and no. 2 engine mounts)
Labor Hours:	1.0 Hr. (for all repairs) 0.4 Hr. (except R&R of no. 1 and no. 2 engine mounts)