

# Service Bulletin

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**mazda**

Category 7	Applicable Model/s 1988-89 626/MX-6 Turbo	Subject  D1-D2 SHIFT SHOCK	Bulletin No. 070/89 Issued 12/15/89 Revised
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## DESCRIPTION

If you encounter a customer complaint regarding D1 to D2 shift shock during light throttle (1/4 opening) during warm-up, repair the problem in accordance with the following procedure.

### NOTE:

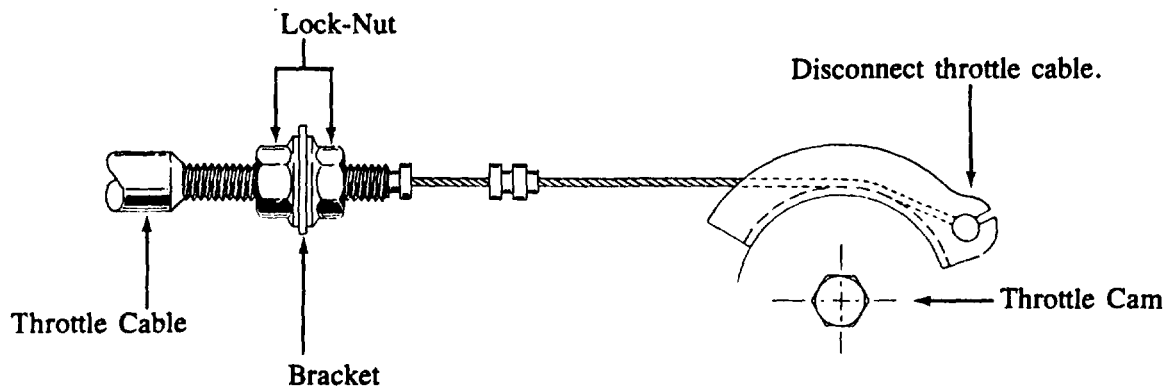
Perform the repair procedure referring to the Workshop Manual for details.

## REPAIR PROCEDURE

1. Conduct a test drive and confirm the customer's complaint.
2. Check that the line pressure is within 4.0–4.6 kg/cm<sup>2</sup> (57–66 psi) at idle (725–775 rpm) in "P" range at normal operating temperature.

If the line pressure is out of the specification, adjust the line pressure by adjusting the lock nuts of the throttle cable.

3. Verify that the throttle cable is free of "slack" in accordance with the following procedure.
  - a) Read the line pressure (a) indicated on the pressure gauge (P/N 49B0 19 901).
  - b) Disconnect the throttle cable from the throttle cam and read the line pressure (b).



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

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Signature \_\_\_\_\_

Service Manager

Signature \_\_\_\_\_

Parts Manager

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- If the value of the line pressure (a) is higher than (b), the result is OK.
- If the line pressure does not change, go back to step 2 and readjust the throttle cable.

LINE PRESSURE	RESULT
(a) > (b)	OK
(a) = (b)	NG → Readjust

**NOTE:**

When the throttle cable has "slack", the line pressure does not increase in proportion to the engine torque, causing D1 to D2 shift shock.

4. After adjusting the line pressure (throttle cable), be sure to verify the condition of shift shock by road testing.

If the result is still unacceptable, proceed to the next step.

5. Replace the valve body with one for the 1990 model (P/N FU3H 21 100A).

### WARRANTY INFORMATION

1. When Repair Procedure steps 1 – 4 were conducted:

Customer Comment Code: 26  
 Damage Code: 9H  
 Part No. of Main Cause: FU32 21 600D  
 Operation No: XX0355-R-X  
 Labor Hours: 0.8 Hr.

2. When Repair Procedure steps 1 – 5 were conducted:

Customer Comment Code: 26  
 Damage Code: 9N  
 Part No. of Main Cause: FU3H 21 100A  
 Quantity: 01  
 Operation No: K0306B-R-X – 1.8 Hrs.  
 XX0355-R-X – 0.8 Hrs.