

# Service Bulletin

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**Mazda**

Category 4	Applicable Model/s 1988-1989 626/MX-6	Subject ROUGH IDLE AFTER COLD START	Bulletin No. 061/89 Issued 11/17/89 Revised
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## DESCRIPTION

If the following conditions occur within 15 seconds after a cold start on a 1988-89 626/MX-6, install a repair kit according to the procedures shown in this bulletin.

### NOTE:

The repair kit cuts the negative pressure applied to the pressure regulator for 15 seconds after starting the engine to compensate the air/fuel ratio.

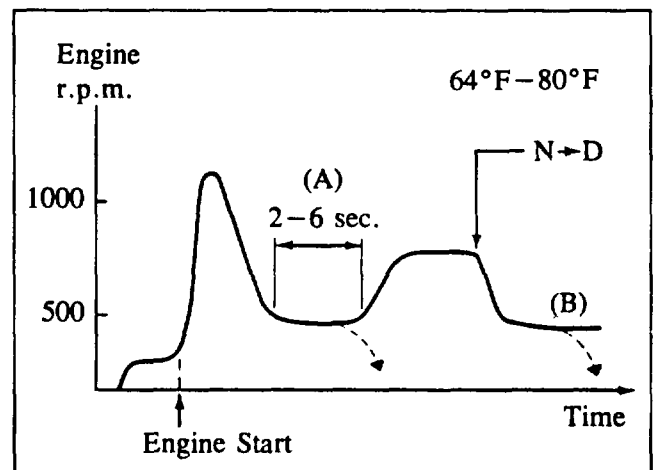
A) Engine speed drops excessively for a few seconds after starting and then occasionally stalls.

B) Engine speed drops excessively when shifting from "N" (P) to "D" (R) and then occasionally stalls.

### NOTE:

This repair kit only functions for 15 seconds after the engine is started.

## PARTS INFORMATION



PART NO.	DESCRIPTION
8AG2 13 SPX	Repair Kit

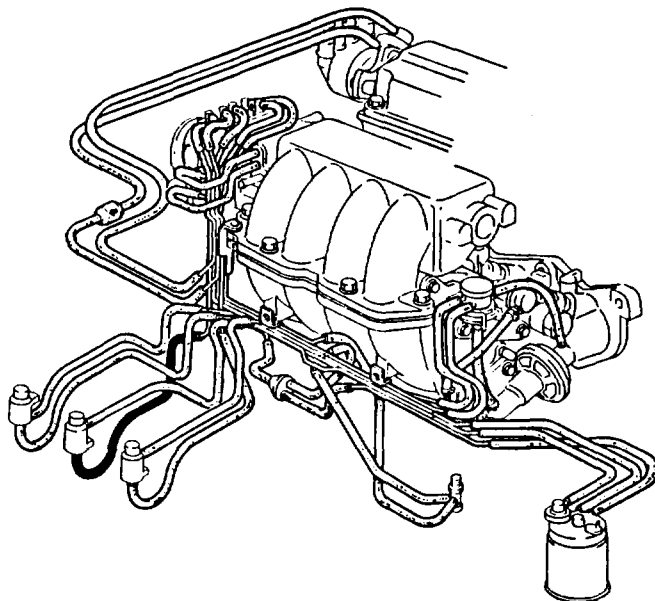
NO.	PART NO.	DESCRIPTION	QTY	NON-TURBO	TURBO
1.	F2Y1 18 701	Control Unit	1	●	●
2.	FE70 18 741A	3-Way Solenoid Valve	1	●	●
3.	F2Y1 67 SH0	Wire Harness	1	●	●
4.	9935 10 420G	Vacuum Hose	1	●	●
5.	9928 30 800	Hose Clip	2	N/A	●
6.	9970 93 140	Band	5	●	●
7.	GJY1 69 036	Vacuum Hose Label	1	●	N/A
8.	GJY2 69 036	Vacuum Hose Label	1	N/A	●

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

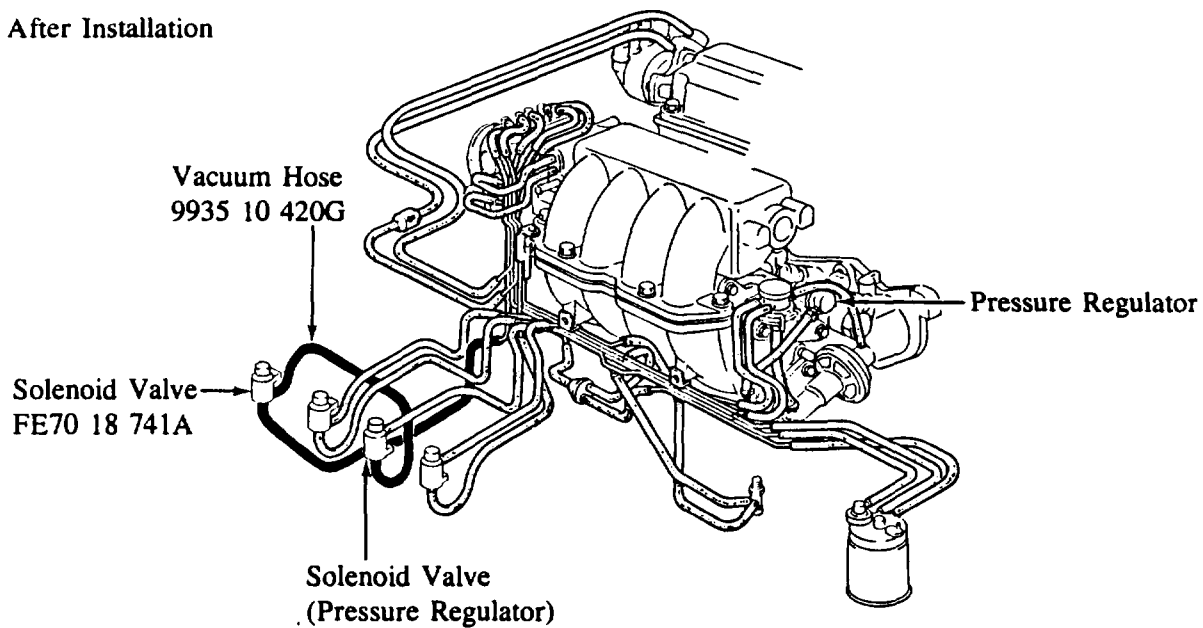
Signature 016601 Signature \_\_\_\_\_  
Service Manager Parts Manager

Installation of Vacuum Hose  
(without Turbo)

• Before Installation

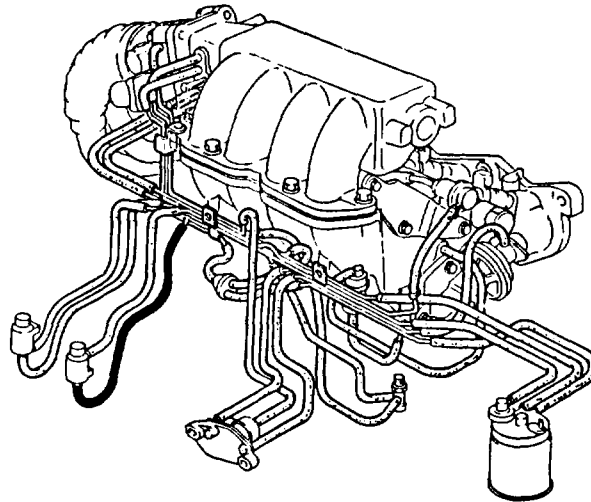


• After Installation

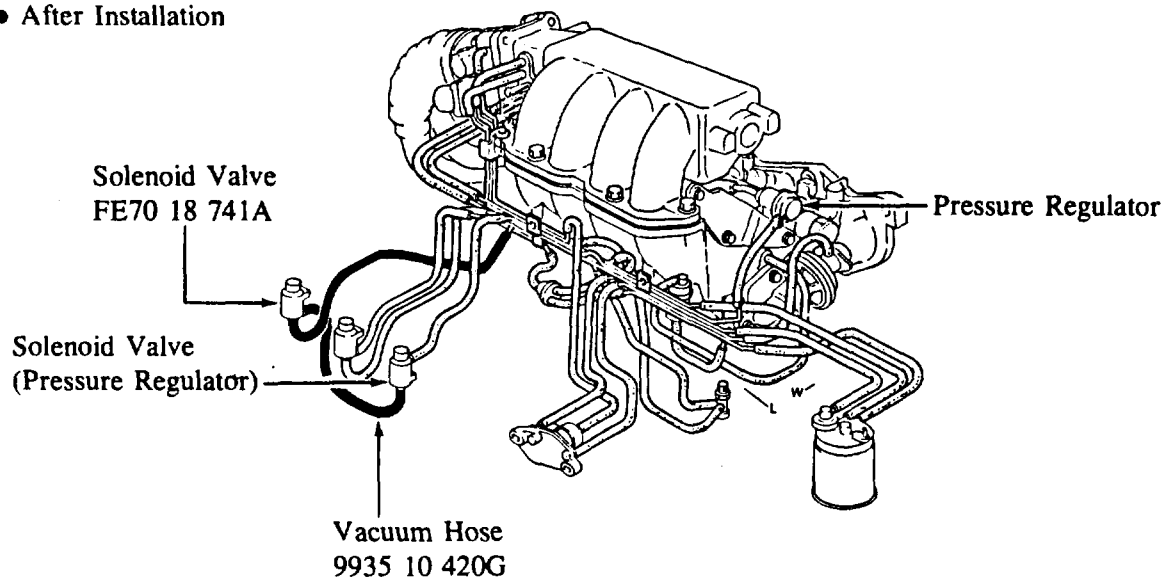


# Installation of Vacuum Hose (with Turbo)

## • Before Installation



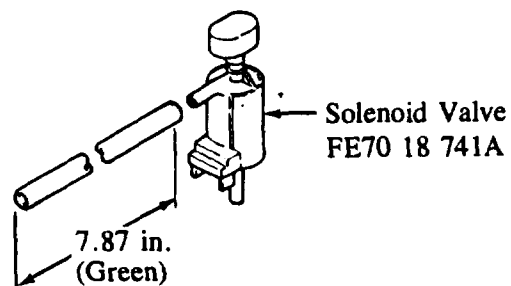
## • After Installation



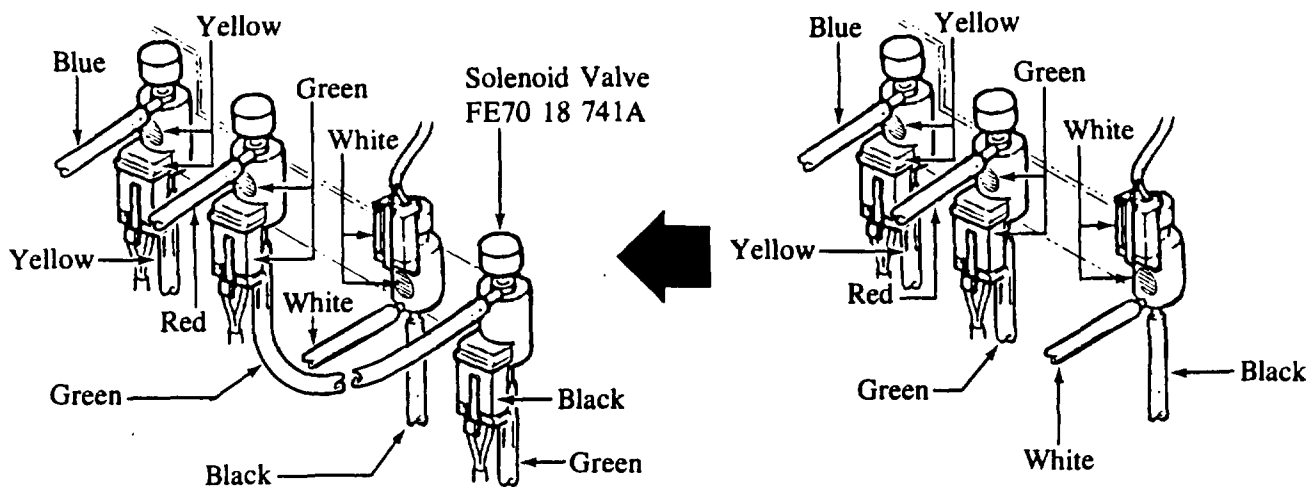
## INSTALLATION PROCEDURE

### 1. Installation of Solenoid Valve & Vacuum Hose

#### A. Without Turbo

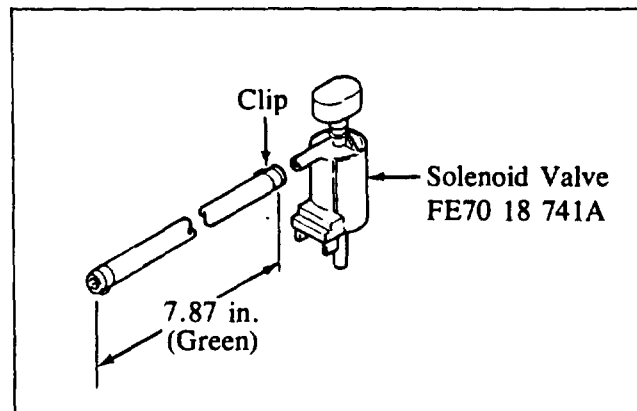


- 1) Assemble the vacuum hose and the solenoid valve from the kit.
- 2) Disconnect the vacuum hose (Green) from the solenoid valve (with Green label) of the pressure regulator and install it on the solenoid valve of the kit.
- 3) Install the vacuum hose (Green) which was assembled with the solenoid valve (kit) at the first step onto the solenoid valve (with Green label) of the pressure regulator.
- 4) Install the solenoid valve onto the solenoid bracket.

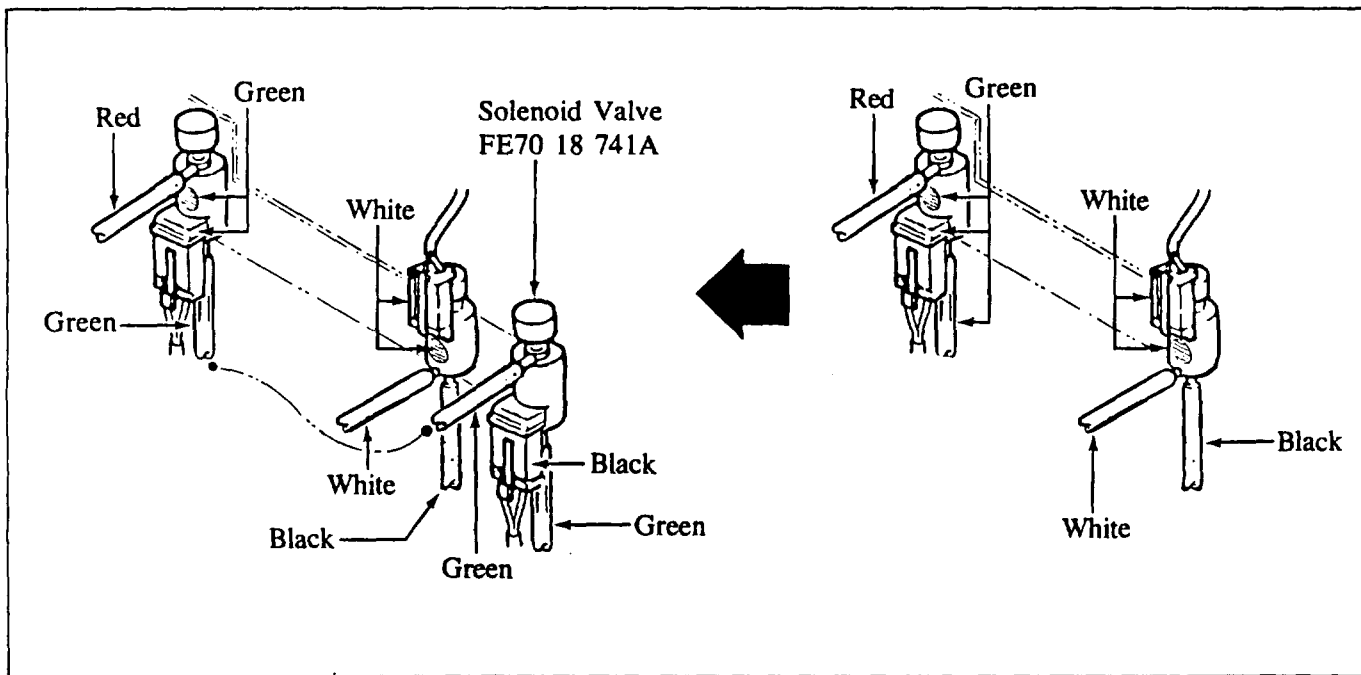


## B. With Turbo

- 1) Assemble the vacuum hose and the solenoid valve from the kit.



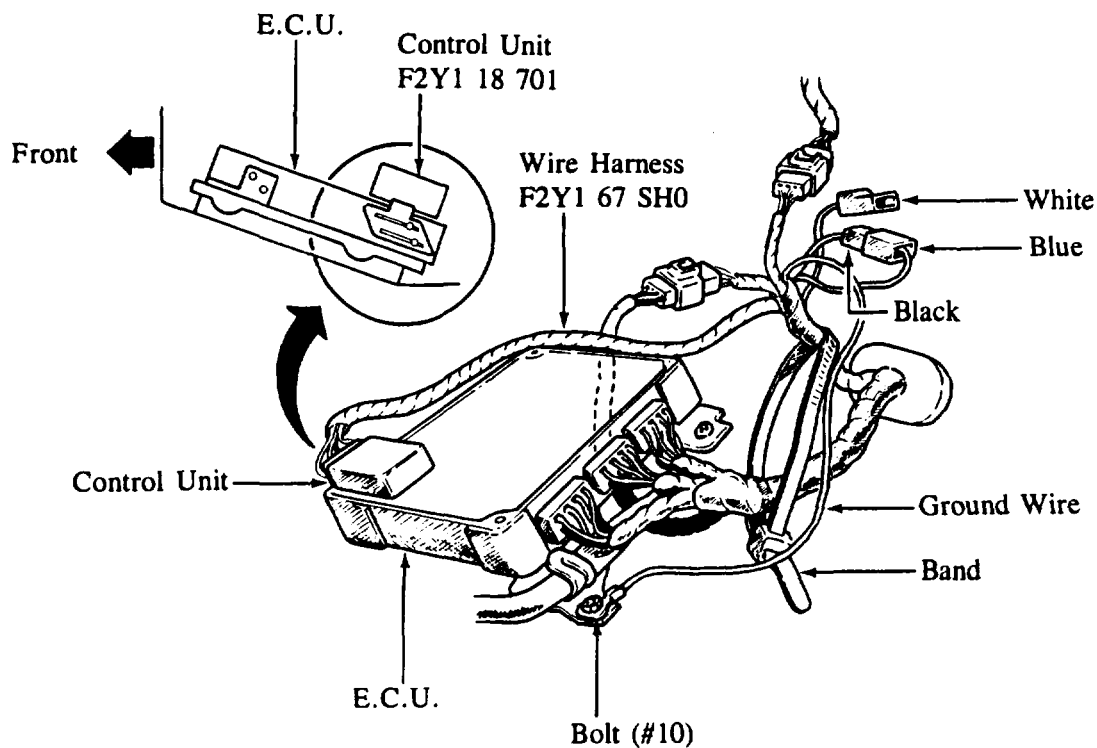
- 2) Disconnect the vacuum hose (Green) from the solenoid valve (with Green label) of the pressure regulator (with Green label) and install it onto the solenoid valve of the kit.
- 3) Install the vacuum hose (Green), which was assembled with the solenoid valve (kit) at the first step, onto the solenoid valve (with Green label) of the pressure regulator.
- 4) Install the solenoid valve onto the solenoid bracket.



## 2. Installation of Wire Harness (with & without Turbo)

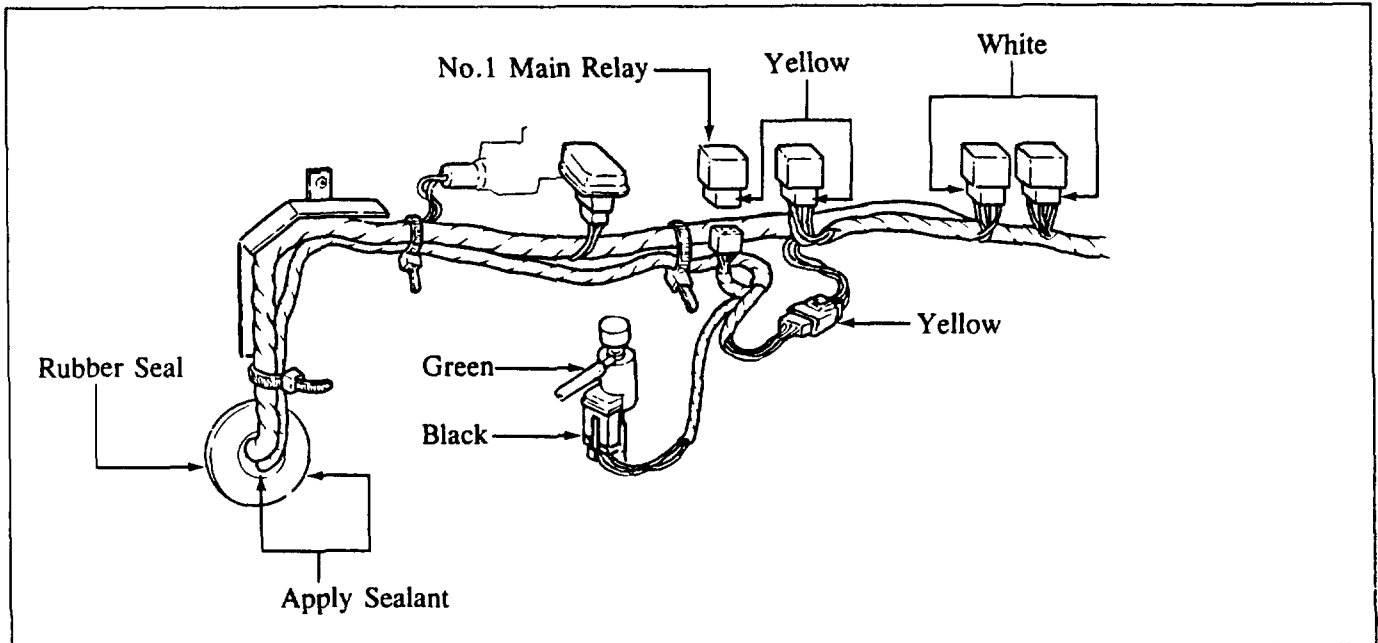
### A. Under Dashboard

- 1) Install the control unit from the kit to lower left side of the E.C.U. (Emission Control Unit).
- 2) Connect the single couplers (Black & Blue) from the wire harness of the kit.
- 3) Connect the wire harness to the control unit.
- 4) Connect the 2 ends of the wire harness of the E.C.U. at DEM-01.
- 5) Install the ground wire with bolt (#10) and tighten it.
- 6) Fasten the wire harness with bands.
- 7) Pass the 3 ends of the wire harness through the rubber seal in the firewall.



**B. In Engine Compartment**

- 1) Connect the black coupler to the solenoid valve which was installed in step 1.
- 2) Disconnect the coupler from the No.1 main relay and install 2 ends of the wire harness between the main relay and its coupler.
- 3) Fasten the wire harness with bands.

**NOTE:**

Apply a sealing agent fully around the rubber seal. Otherwise, water or gas fumes may seep into the passenger compartment.

3. Adjust the idle speed to the upper limit of specification according to the Workshop Manual.
4. Verify that no negative pressure is applied to the pressure regulator for 15 seconds after starting the engine.
5. Attachment of Vacuum Hose Label (for California specifications only)
  - A) Clean the present vacuum hose label.
  - B) Attach the new label on the cleaned part.

Vacuum Hose Label for Non-Turbo: GJY1 69 036

Vacuum Hose Label for Turbo: GJY2 69 036

**WARRANTY INFORMATION**

Customer Comment Code: 99  
Damage Code: 99  
Part No. of Main Cause: 8AG2 13 SPX0  
Operation No: XX0248RX  
Labor Hour: 1.0 Hr.