

Service Bulletin

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MAZDA

| | | | |
|----------------|-----------------------------------|--|---|
| Category 15 | Applicable Model/s (see below) | Subject IMPROPER OPERATION OF POWER WINDOW REGULATOR (Ball Type) | Bulletin No. 071/88 Issued 11/30/88 Revised |
|----------------|-----------------------------------|--|---|

DESCRIPTION

If you encounter any of the following symptoms on 1986-88 RX-7, 1986-89 323/323W, 1988 626/MX-6, 1988 929 models, repair the power window in accordance with the instructions in this Service Bulletin.

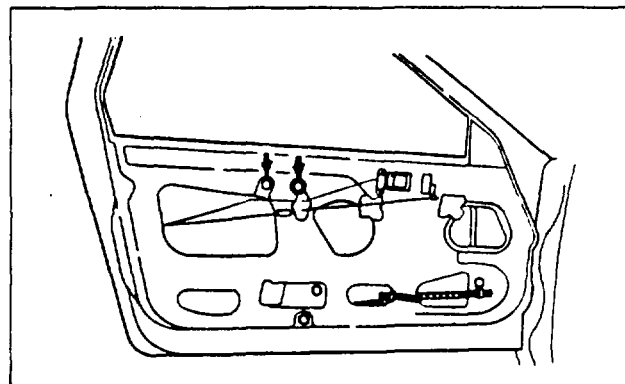
1. Slow movement of the window glass during operation.
2. Clicking noise during operation.
3. Rough movement of the window glass.

High friction of the ball movement inside the hose causes the hose and balls to get out of position, resulting in improper operation of the power window regulator.

REPAIR PROCEDURE

Replace the power window regulator guide assembly, the motor bracket and the sprocket with the new one and change the hose routing according to the following instructions.

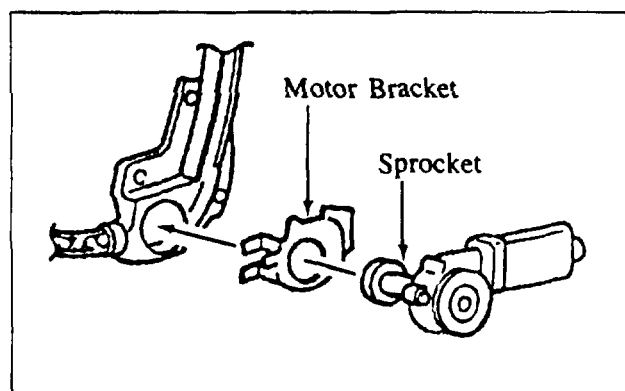
1. Remove the power window regulator from the door.
2. Disconnect the power window motor from the removed regulator.



3. Install the disconnected power window motor to the new regulator assembly with a new motor bracket and sprocket.

NOTE:

It is not necessary to replace the motor bracket for 323/323W and RX-7.



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

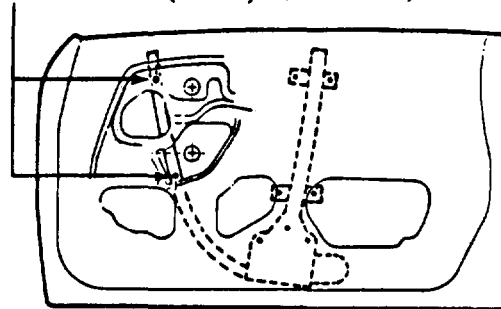
4. Change the hose routing as follows: (626 front & rear doors, 929 front door only)

- Make two holes (0.27in or 7mm dia.) at the points indicated by the arrows.
- Remove the burr around the holes by filing.
- Apply sealant around the holes for rust prevention.
- Install the regulator assembly to the door and route the hose as shown.

Refer to the following 1988 or 1989 Workshop Manual pages for proper disassembly, assembly and adjustment procedures.

| Model | 1988 | 1989 |
|----------|---------------|---------------|
| 323 | 14-15 - 14-17 | 14-15 - 14-17 |
| 323W | 14-13 - 14-15 | 14-12 - 14-14 |
| 626/MX-6 | 14-13 - 14-22 | 14-13 - 14-20 |
| 929 | 14-9 - 14-17 | 14-9 - 14-17 |
| RX-7 | 14-27 - 14-33 | --- |

Make 2 holes (dia. 7). (Unit: mm)



626 Front

CHANGE OF HOSE ROUTING

(626 Front & Rear Doors and 929 Front Door)

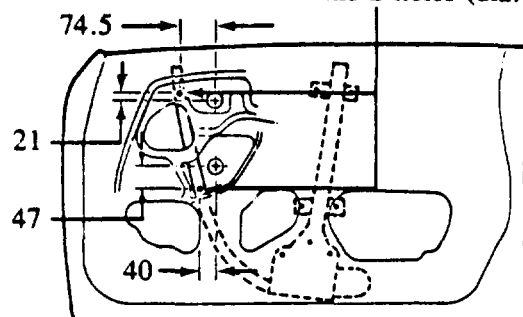
626 Front

- Fix the hose at the two holes. Adjust clip location to ensure an even curve in the hose.

Conversion:

74.5mm - 2.9in
 21mm - 0.8in
 47mm - 1.9in
 40mm - 1.6in
 7mm - 0.27in

Make 2 holes (dia. 7).



626 Front

626 Rear

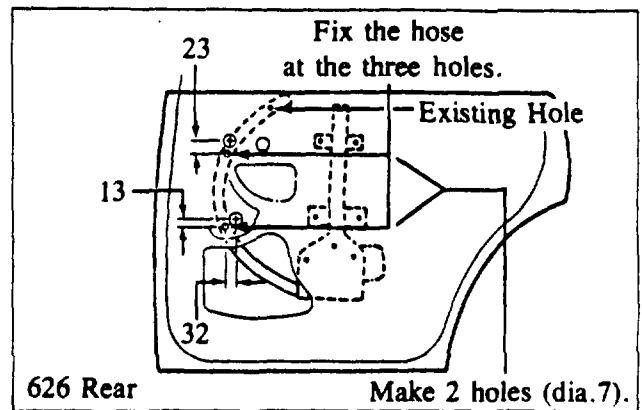
1. Locate the hose at the inner panel corner as shown.
2. Adjust the clip location to ensure an even curve in the hose.

Conversion:

23mm - 0.9in

13mm - 0.5in

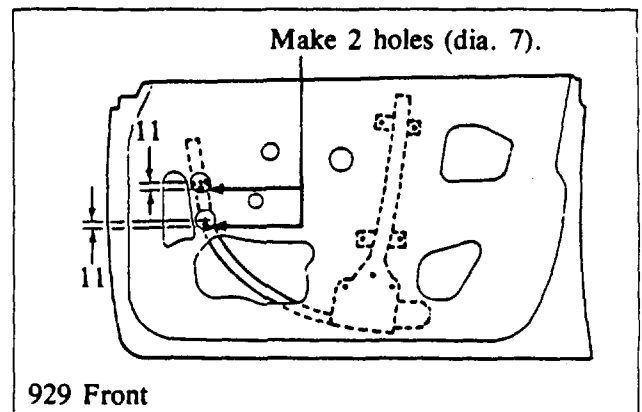
32mm - 1.3in

929 Front

1. Fix the hose at the two holes. Adjust the clip location to ensure an even curve in the hose.

Conversion:

11mm - 0.4in



Quick Reference of Repairs for Each Model:

| Model | Door | Repair |
|-------------|--------------------|---|
| 323 323W | Front | • Power window regulator guide assembly R & R |
| 626 | Front & Rear | • Change of hose routing • Power window regulator guide assembly R & R • Motor bracket and sprocket R & R |
| MX-6 | Front | • Power window regulator guide assembly R & R • Motor bracket and sprocket R & R |
| RX-7 | Front | • Power window regulator guide assembly R & R • Sprocket R & R |
| 929 | Front & Rear | • Change of hose routing (front door only) • Power window regulator guide assembly R & R • Motor bracket and sprocket R & R |

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PARTS INFORMATION

1. Power Window Regulator Guide Assembly

| Model | Door | Right Side | Left Side |
|---------------------|-------|--------------|--------------|
| 323 HB 3-Door | Front | B112 58 590 | B112 59 590 |
| 323 HB 5-Door | Front | B094 58 590A | B094 59 590A |
| 323 Sedan 4-Door | Front | B094 58 590A | B094 59 590A |
| 626 Sedan 4-Door | Front | G212 58 590 | G212 59 590 |
| | Rear | G212 72 590 | G212 73 590 |
| 626 HB 5-Door | Front | G226 58 590 | G226 59 590 |
| | Rear | G226 72 590 | G226 73 590 |
| MX-6 | Front | GJ22 58 590A | GJ22 59 590A |
| 929 | Front | H261 58 590 | H261 59 590 |
| | Rear | H261 72 590 | H261 73 590 |
| RX-7 | Front | FB05 58 590B | FB05 59 590B |

2. Motor Bracket

| Model | Door | Right Side | Left Side |
|-------|-------|-------------|-------------|
| 626 | Front | H261 58 598 | H261 59 598 |
| | Rear | G212 72 598 | G212 73 598 |
| MX-6 | Front | H261 58 598 | H261 59 598 |
| 929 | Front | H261 58 598 | H261 59 598 |
| | Rear | H261 59 598 | H261 58 598 |

3. Sprocket

| Model | Door | Right Side | Left Side |
|-------|--------------------|-------------|-----------|
| All | Front & Rear | FB05 58 581 | --- |

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VIN OF PRODUCTION CHANGE

| | | |
|------|---|---------------|
| 323 | JM1BF2*** K0302565 | July 1, 1988 |
| 323W | JM1BW622★ K0200003 | July 1, 1988 |
| 626 | JM1GD2*** K1700621 | June 10, 1988 |
| MX-6 | (produced in Japan) JM1GD31★★ J1589236 | May 1, 1988 |
| MX-6 | (produced in the U.S.A.) 1YVGD | |
| 929 | JM1HC221★ K0202471 | July 8, 1988 |
| RX-7 | JM1FC33★★ J0626331 | July 1, 1988 |

WARRANTY INFORMATION

| | |
|-------------------------|---|
| Customer Comment Code: | 7J |
| Damage Code: | 82 |
| Part No. of Main Cause: | Part No. of Power Window Regulator Guide Assembly (see Page 4 of 5) |
| Operation No: | Regulator R & R - Refer to S.R.T. Manual Hose Rerouting - XX0299RX Original Motor R & R - XX0298RX |
| Labor Hours: | Regulator R & R - Refer to S.R.T. Manual Hose Rerouting - 0.2 Hr. (exclude regulator R & R) Original Motor, Motor Bracket - 0.2 Hr. (exclude regulator R & R) and Sprocket R & R |