MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-11E42-501	DATE : 2011-06-20
SUBJECT : DOOR-SIDE DOOR HINGE MOUNTING BOLTS TIGHTENING TORQUES		<MODEL> (EUR) i-MiEV (HA3W) <M/Y> 11–12
GROUP : BODY		

1. Description:

Tightening torques for the door-side door hinge mounting bolts have been incompletely specified in the applicable Workshop Manuals. This Service Bulletin contains the corrected descriptions.

2. Applicable Manuals:

Manual	Pub. No.	Title (Info-ID)	Attached Sheet
2011 i-MiEV Workshop Manual CD-ROM	CHAE11E1-CD (English) CHAF11E1-CD (French) CHAG11E1-CD (German) CHAS11E1-CD (Spanish) CHAI11E1-CD (Italian)	Door Adjustment (M423-00-090-50900-01) Door Assembly Removal and Installation (M423-00-221-03700-01)	Attached sheet
2012 i-MiEV Workshop Manual CD-ROM	CHAE12E1-CD (English) CHAF12E1-CD (French) CHAG12E1-CD (German) CHAS12E1-CD (Spanish) CHAI12E1-CD (Italian)		

3. Corrected Specifications:

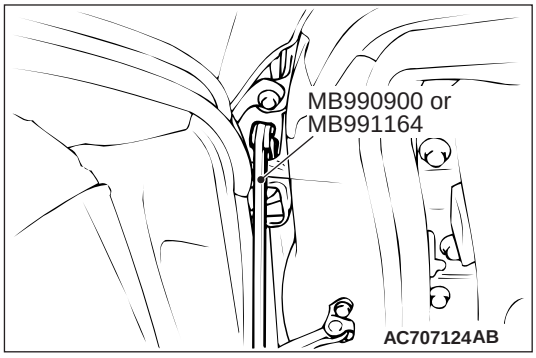
See Attached sheet.

ON-VEHICLE SERVICE

DOOR ADJUSTMENT

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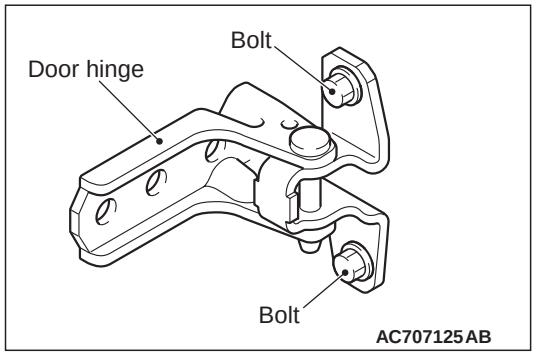
⚠ CAUTION



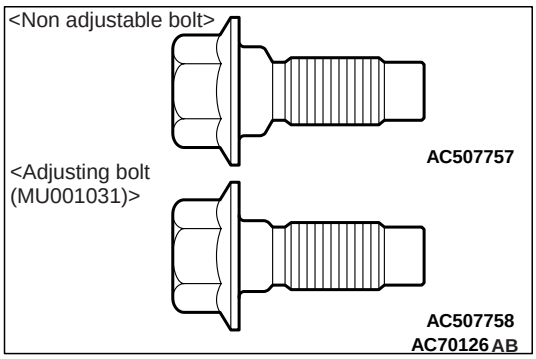
Do not apply a torque of 98 N·m or more on the door hinge adjusting wrench (special tool: MB991164).

1. When the clearance between the front door and the body is uneven
   (1) Apply protective tape to the fender around the hinge installation position and door edge.
   (2) Use the door hinge adjusting wrench (special tool: MB990900 or MB991164) to loosen the body-side door hinge mounting bolts.
   (3) Move the door to adjust until the clearance around the door is even.
2. When the clearance between the rear door and the body is uneven
   (1) Apply protective tape to the body around the hinge installation position and door edge.
   (2) Remove the centre pillar trim <rear door only>. (Refer to GROUP 52A – Interior trim .)
   (3) Loosen the body-side door hinge mounting bolts.
   (4) Move the door to adjust until the clearance around the door is even.
   (5) Tighten the body-side door hinge mounting bolts to the specified torque.

   Tightening torque: 27 ± 5 N·m
3. When the door is not flush with the vehicle body surface.



(1) Loosen the door-side hinge mounting bolts.
(2) Move the door to adjust so that the door is flush with the vehicle body.



(3) If adjustment is not possible, replace the door-side door hinge mounting bolt with the adjustment bolt (MU001031).

NOTE: If the adjustment bolt has been already installed, reuse it.

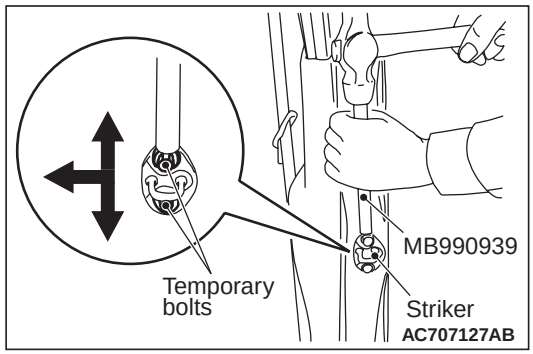
(4) Move the door to adjust so that the door is flush with the vehicle body.
(5) Tighten the door-side hinge mounting bolts to the specified torque.

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~~**Tightening torque <excluding two-tone paint>: 25±7 N·m**~~

~~**Tightening torque <excluding two-tone paint>: 35±5 N·m**~~

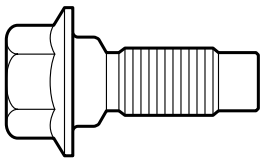
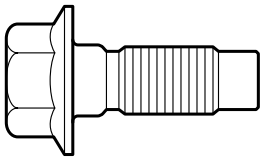
4. When the door is stiff to close and open



(1) Adjustment by using the striker (toward the inside of the vehicle and vertical direction)

Enter the attached sheet (2/4)

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Bolt	Paint	Torque
Non adjustable bolt 	With	25 ± 7 N•m
	Without	35 ± 5 N•m
Adjusting bolt (MU001031) 	Without	35 ± 5 N•m

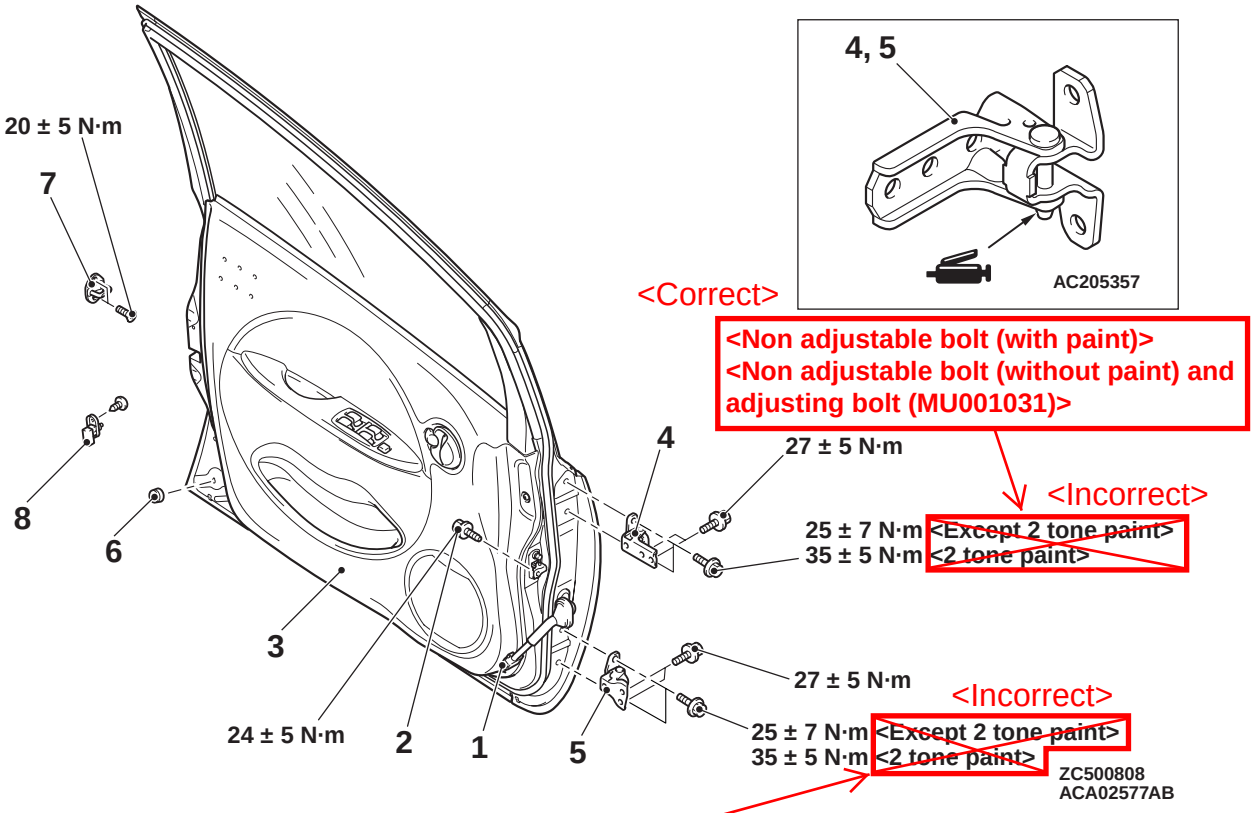
DOOR ASSEMBLY

REMOVAL AND INSTALLATION

M1423002201037

Post-installation operation
- Door adjustment (Refer to .)

<Front door>



Door assembly removal steps
- Front scuff plate, cowl side trim (Refer to GROUP 52A - Interior Trim .)

1. Wiring harness connector connection
2. Door check connecting bolt
3. Door assembly

Front door hinge removal steps
- Splash shield front (Refer to GROUP 42 - Splash Shield .)

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Front door hinge removal steps (Continued)

4. Front door upper hinge
5. Front door lower hinge

Damper removal

6. Damper

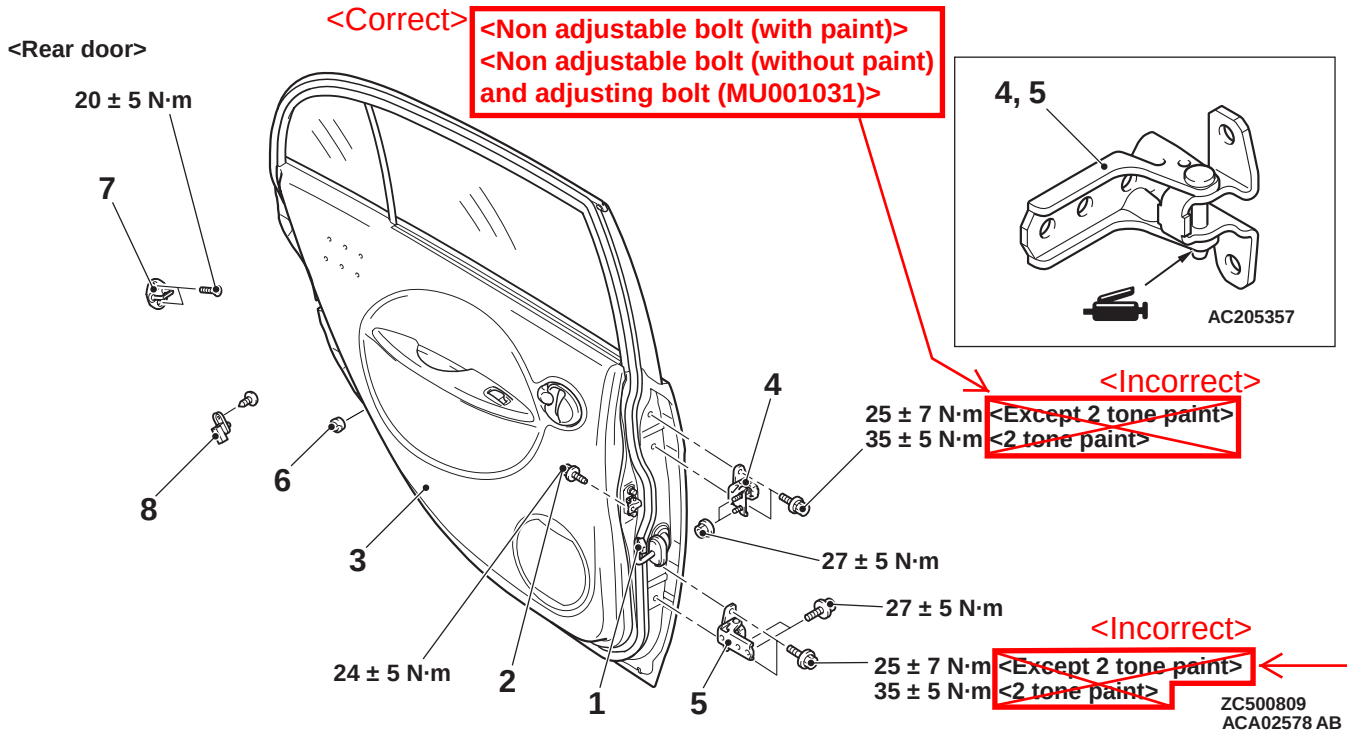
Striker removal

7. Striker

DOOR SWITCH REMOVAL STEPS
- Centre pillar trim lower (Refer to GROUP 52A - Interior Trim .)

8. Door switch

<Correct>
<Non adjustable bolt (with paint)>
<Non adjustable bolt (without paint) and adjusting bolt (MU001031)>



Door assembly removal steps

1. Wiring harness connector connection
2. Door check connecting bolt
3. Door assembly

Rear door hinge removal steps

- Centre pillar trim (Refer to GROUP 52A - Interior Trim .)

4. Rear door upper hinge
5. Rear door lower hinge

Damper removal

6. Damper

Striker removal

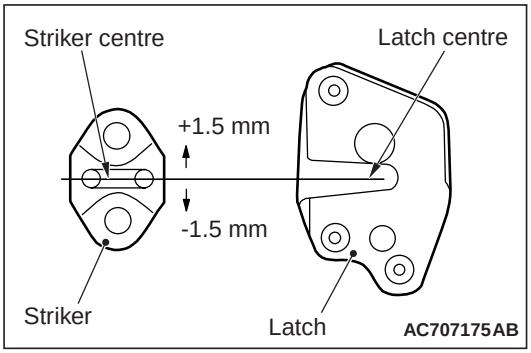
>>A<< 7. Striker

Door switch removal

8. Door switch

INSTALLATION SERVICE POINTS

>>A<< STRIKER INSTALLATION

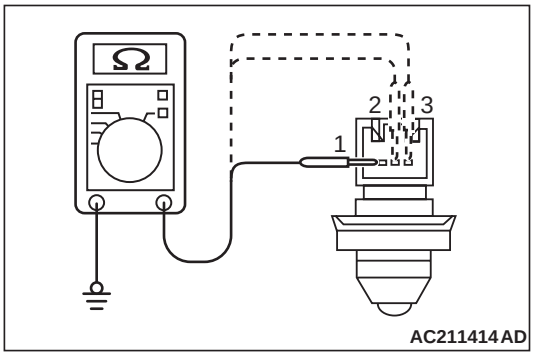


Install the striker so that the striker centre does not deviate more than ±1.5 mm from the latch centre.

INSPECTION

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DOOR SWITCH CHECK



Switch position	Terminal number	Normal value
Release (ON)	1 – Earth, 2 – Earth, 3 – Earth	Continuity exists (2 Ω or less)
Depressed (OFF)	1 – Earth, 2 – Earth, 3 – Earth	No continuity

<Correct>
<Non adjustable bolt (with paint)>
<Non adjustable bolt (without paint) and adjusting bolt (MU001031)>