SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-12E54-504A	DATE : 2012-06-20
SUBJECT : RESISTANCE OF BUILT-IN SWITCH OF CHARGING CABLE REGULAR CHARGING PLUG		<MODEL> (EUR) i-MiEV(HA3W) <M/Y> 11/12
GROUP : CHASSIS ELECTRICAL		

1. Description:

An incorrect description about the resistance of built-in switch of charging cable regular charging plug has been found in the applicable Service Manual. This contains the corrected description.

2. Applicable manual

Destination	Applicable manual	Pub.No.	Applicable title (INFO ID)	Content
EU	2011 i-MiEV WORKSHOP MANUAL	EUR: CHAE11E1-CD(Eng) CHAF11E1-CD(Fre) CHAG11E1-CD(Ger) CHAS11E1-CD(Spa) CHAI11E1-CD(Ita)	SERVICE SPECIFICATIONS ~~M549-55-210-03400-01~~ △A M549-55-210-02300-01	Attached sheet 3
			CHARGING CABLE CHECK ~~M549-55-300-02900-01~~ △A M549-55-300-01800-01	Attached sheet 4
	2012 i-MiEV WORKSHOP MANUAL	CHAE12E1-CD(Eng) CHAF12E1-CD(Fre) CHAG12E1-CD(Ger) CHAS12E1-CD(Spa) CHAI12E1-CD(Ita)	SERVICE SPECIFICATIONS M549-55-210-03400-01	Attached sheet 3
			CHARGING CABLE CHECK ~~M549-55-300-02900-01~~ △A M549-55-300-01800-01	Attached sheet 4

3. Corrected description

See the Attached 3,4

Attached sheet 3

SERVICE SPECIFICATIONS

Items		Standard value
Charging cable insulation resistance MΩ	Between terminal No. 1 and terminal No. 3	1 or more
	Between terminal No. 2 and terminal No. 3	1 or more
Resistance of built-in switch of charging cable regular charging plug (at 20°C) Ω	Without pressing release button	135 – ~~145~~ 165 <Correct> <Incorrect>
	With pressing release button	432 – 528

DANGER

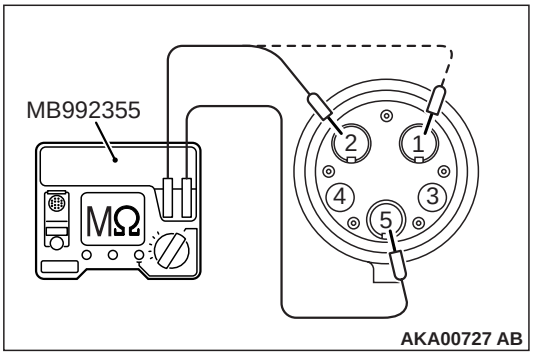
Do not disassemble any parts not described in this manual.

Attached sheet 4

NOTE: The plug shape is different depending on the country. Perform the check according to the specification of each country, referring to the illustration.

Standard value:

Tester connection terminal	Standard value
1 – 2	1 MΩ or more
2 – 3	1 MΩ or more



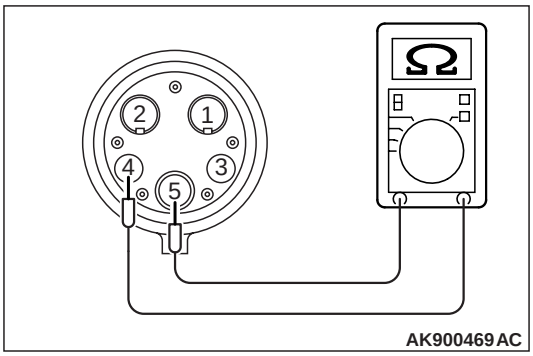
2. Use the special tool electric insulation tester (MB992355) to measure the insulation resistance at the regular charging plug side with the range of 500 V.

Standard value:

Tester connection terminal	Standard value
1 – 5	1 MΩ or more
2 – 5	1 MΩ or more

3. If the resistance deviates from the standard value, replace the regular charging cable.

Check on regular charging plug built-in switch



1. Measure the resistance between the regular charging plug terminal No. 4 and the terminal No. 5.

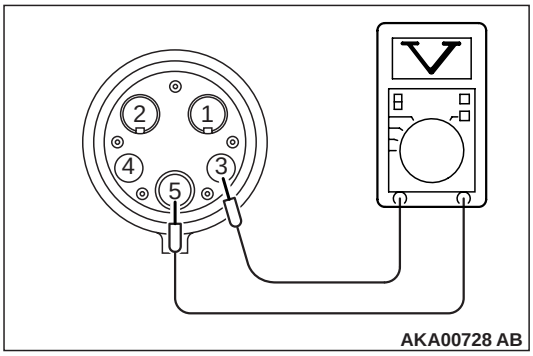
standard value:

Regular charging plug release button	Normal condition
Without pressing release button	135 – 145 Ω (at 20°C)
With pressing release button	432 – 528 Ω (at 20°C)

165Ω
<Correct>
<Incorrect>

2. If the resistance deviates from the standard value, replace the charging cable.

Check pilot signal terminal



1. Connect the charging cable with a home socket.
2. Use the analogue voltmeter from the regular charging plug side to connect the pilot signal terminal between the terminal No. 3 and the terminal No. 5. Measure the output voltage.

   Standard value: approximately 12 V

3. If the voltage deviates from the standard value, replace the charging cable.