



# SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-11E54-506	DATE : 2011-02-20
SUBJECT : GR54D ELECTRIC MOTOR UNIT AND MAIN BATTERY		<MODEL> (EUR) <span style="float:right">&lt;M/Y&gt; 11</span>
GROUP : ELECTRIC MOTOR UNIT AND MAIN BATTERY		i-MiEV (HA3W)

## 1. Description:

Incorrect descriptions have been found in Gr54D ELECTRIC MOTOR UNIT AND MAIN BATTERY of the applicable Workshop Manual. This Service Bulletin contains the corrected descriptions.

- Incorrect terminal numbers have included in the SERVICE SPECIFICATIONS table under BATTERY MANAGEMENT UNIT (BMU) AND MAIN BATTERY.
- Incorrect plug shape drawing and ratings have been included in CHARGING CABLE CHECK PROCEDURES under ON BOARD CHARGER/DC-DC CONVERTER (OBC).

## 2. Applicable Manual:

Manual	Pub. No.	Title (Info-ID)	Attached Sheet
2011 i-MiEV Workshop Manual CD-ROM	CHAE11E1-CD (English)	Service Specifications (M549-45-480-02101-01)	Attached sheet 1
	CHAS11E1-CD (Spanish) CHAF11E1-CD (French) CHAG11E1-CD (German) CHAI11E1-CD (Italian)	Charging Cable Check (M549-55-300-01800-01)	Attached sheet 2

There may be some attached sheets not included in this Service Bulletin because they are not applicable to your market. Their sheet numbers are not listed in the above table.

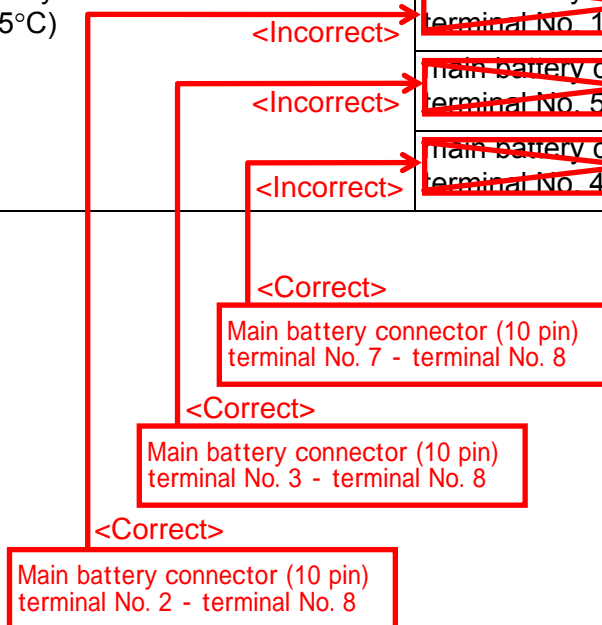
## 3. Corrected Specifications:

See Attached sheets 1 and 2.

## SERVICE SPECIFICATIONS

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Items		Standard value
Charging contactor coil resistance $\Omega$ (at 23°C)		33 – 39
Main contactor (+) coil resistance $\Omega$ (at 23°C)		33 – 39
Main contactor (–) coil resistance $\Omega$ (at 23°C)		33 – 39
Local CAN (for main battery) terminating resistance $\Omega$ (at 20°C)		80 – 96
Main battery current sensor resistance k $\Omega$ (at 25°C)	<del>main battery connector (13 pin) terminal No. 12 – terminal No. 13</del>	1 – 5
	<del>main battery connector (13 pin) terminal No. 5 – terminal No. 13</del>	1 – 5
	<del>main battery connector (13 pin) terminal No. 4 – terminal No. 13</del>	1 – 5



CHARGING CABLE CHECK

CHARGING CABLE CHECK

Visual check

1. Check that the cable, the regular charging plug and the plug do not have damage, corrosion or rust. If they have damage, corrosion or rust, replace the charging cable.

Check on insulation resistance

**CAUTION**

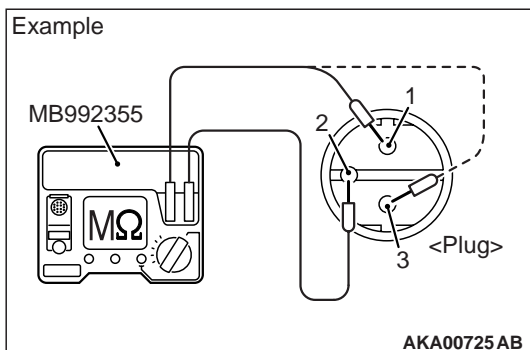
When the insulation resistance is measured, set the range of the special tool electric insulation tester (MB992355) to 500 V. When the insulation resistance is measured at the range more than 500 V, the component may be damaged.

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

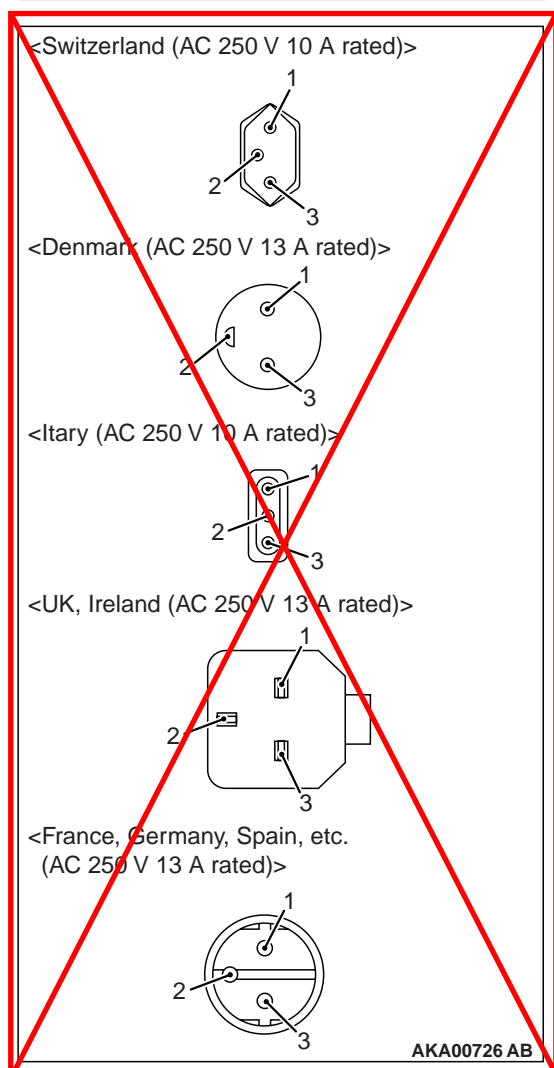
NOTE: The plug shape is different depending on the country. Perform the check according to the specification of each country, referring to the illustration.

Standard value:

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



<Incorrect>



<Correct>

