MITSUBISHI MOTORS

SERVICE BULLETIN

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-11E54-503	DATE : 2011-02-20	
SUBJECT : REGULAR CHARGING CONTROL SYSTEM		<MODEL> (EUR) i-MiEV (HA3W)	<M/Y> 11
GROUP : ELECTRIC MOTOR UNIT AND MAIN BATTERY			

1. Description:

The number of the intermediate connector in the regular charging control system (between the on board charging relay and on board charger/DC-DC converter) has been incorrect in the applicable Workshop Manual. This Service Bulletin contains the corrected descriptions.

2. Applicable Manual:

Manual	Pub. No.	Title (Info-ID)	Attached Sheet
2011 i-MiEV Workshop Manual CD-ROM	CHAE11E1-CD (English) CHAS11E1-CD (Spanish) CHAF11E1-CD (French) CHAG11E1-CD (German) CHAI11E1-CD (Italian)	Code No.04: Control Power Supply Voltage Abnormal (M549-55-050-02500-01)	Attached sheet 1, 2
		Regular Charging Control System (M901-03-670-01900-01)	Attached sheet 3

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 to 3.

STEP 8. Connector check: A-06X on board charger relay connector

Q: Is the check result normal?

YES : Go to Step 9.
NO : Repair.

STEP 9. Check on board charger relay itself.

- Check on board charger relay itself.

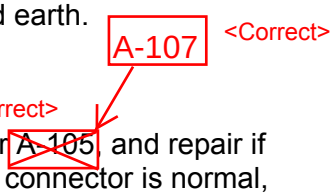
Q: Is the check result normal?

YES : Go to Step 10.
NO : Replace the on board charger relay.

STEP 10. Perform voltage measurement at A-06X on board charger relay

- Remove the relay, and measure at relay box side.
- Voltage between terminal No. 4 and earth.

OK: System voltage



Q: Is the check result normal?

YES : Check intermediate connector A-105, and repair if necessary. If intermediate connector is normal, check and repair harness between A-06X (terminal No. 1) on board charger relay connector and E-03 (terminal No. 2) on board charger/DC-DC converter connector.
- Check output line for open circuit, short circuit to earth.

NO : Check and repair harness between auxiliary battery and A-06X (terminal No. 4) on board charger relay connector.
- Check power supply line for open circuit, short circuit to earth.

STEP 11. Connector check: A-06X on board charger relay connector

Q: Is the check result normal?

YES : Go to Step 12.
NO : Repair.

STEP 12. Check on board charger relay itself.

- Check on board charger relay itself.

Q: Is the check result normal?

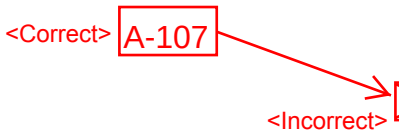
YES : Go to Step 13.
NO : Replace the on board charger relay

STEP 13. Check harness between auxiliary battery and A-06X (terminal No. 4) on board charger relay connector

- Check power supply line for damage.

Q: Is the check result normal?

YES : Go to Step 14.
NO : Repair.



STEP 14. Check harness between A-06X (terminal No. 1) on board charger relay connector and E-03 (terminal No. 2) on board charger/DC-DC converter connector

NOTE: Before checking harness, check intermediate connector and repair if necessary.

- Check output line for damage.

Q: Is the check result normal?

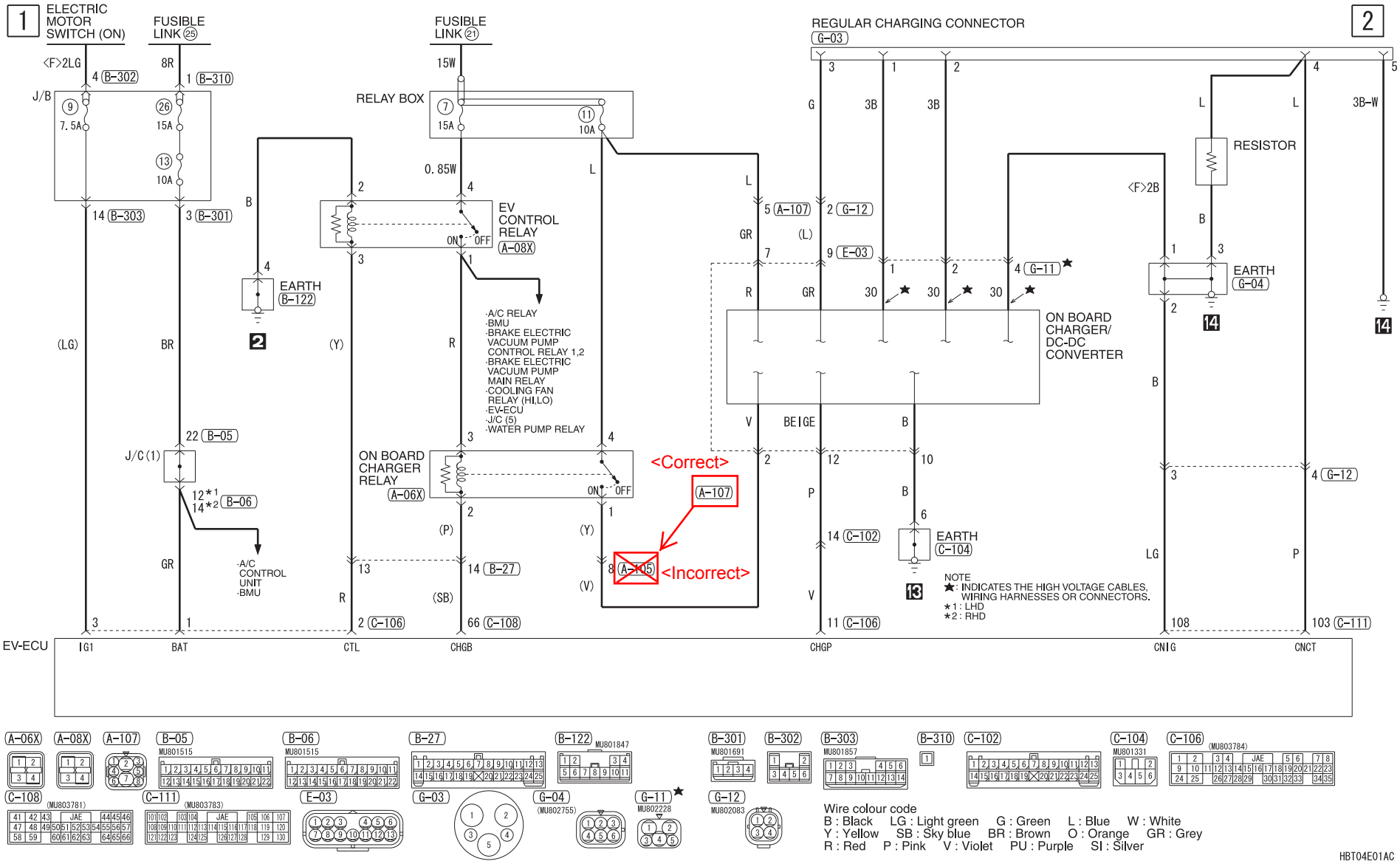
YES : Go to Step 15.
NO : Repair.

STEP 15. M.U.T.-III diagnosis code

Q: Is the diagnosis code set?

YES : Replace the on board charger/DC-DC converter.
NO : Intermittent malfunction (Refer to GROUP 00 – How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions).

REGULAR CHARGING CONTROL SYSTEM



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver

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