SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-13EXML54-501	DATE : 2013-03-05
SUBJECT : EV-ECU TROUBLESHOOTING SERVICE DATA		<Destination/Model> (EUR/MMNA/USTP/MMAL/NZ) i-MiEV(HA3W) <M/Y> 11-13.5
GROUP : CHASSIS ELECTRICAL		

1. Description:

See the attached document for the correction of the error existing in the applicable service manual.

2. Applicable Manual :

Overseas market (EU/MMAL/NZ) ※EUR SPEC IS APPLIED FOR MMAL AND NZ)

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2011 i-MiEV Workshop Manual CD-ROM	CHAE11E1-CD (Eng) CHAF11E1-CD (Fra) CHAG11E1-CD (Ger) CHAI11E1-CD (Ita) CHAS11E1-CD (Spa)	SERVICE DATA REFERENCE TABLE・DATA LIST (M549-20-080-01901-01)	Attached sheet 4
2012 i-MiEV Workshop Manual CD-ROM	CHAE12E1-CD (Eng) CHAF12E1-CD (Fra) CHAG12E1-CD (Ger) CHAI12E1-CD (Ita) CHAS12E1-CD (Spa)	SERVICE DATA REFERENCE TABLE・DATA LIST (M549-20-080-03100-01)	
2013.5 i-MiEV Workshop Manual CD-ROM	CHAE13E2-CD (Eng) CHAF13E2-CD (Fra) CHAG13E2-CD (Ger) CHAI13E2-CD (Ita) CHAS13E2-CD (Spa)	SERVICE DATA REFERENCE TABLE・DATA LIST (M549-20-080-06400-01)	

Overseas market (MMNA)

Applicable manual	Pub. No.	Applicable title (INFO ID)	Content
2012 i-MiEV Service Manual CD-ROM	MSCD-018B-2012	SERVICE DATA REFERENCE TABLE・DATA LIST (M549-20-080-03100-01)	Attached sheet 5
2013.5 i-MiEV Service Manual CD-ROM	MSCD-018B-2013	SERVICE DATA REFERENCE TABLE・DATA LIST (M549-20-080-03101-01)	

3. Details:

See the attached document

Attached sheet 4

Item No.	M.U.T.-III display	Inspection conditions	Normal conditions
36	Inhibitor sw B (JPN)/ C (EU)	When the selector lever is in the position other than the C position	OFF <CORRECT>
		When the selector lever is in the C position	ON
37	Air bag collision signal	When the air bag is not deployed	~~OFF~~ <INCORRECT>
		When the air bag is deployed	~~ON~~ <INCORRECT>
50	IGCT control power supply relay	Always	ON <CORRECT>
51	Charging contactor output (diagnosis)	• Immediately before the Ready indicator is lit • Immediately before the charging indicator is lit	ON
		Other than above	OFF
52	Main contactor (+)	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	OFF
53	Main contactor (–)	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	
54	Motor inverter shutdown	When the selector lever is in the R, D, B, or C position while the Ready indicator is lit	ON
		Other than above	OFF
55	12 V DC/DC CONV shutdown	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	OFF
56	Radiator fan 1 relay (cooling fan LO relay)	When the radiator fan relay is operating at low speed or high speed	ON
		Other than above	OFF
57	Radiator fan 2 relay (cooling fan HI relay)	When the radiator fan relay is operating at high speed	ON
		Other than above	OFF
58	Water pump relay	When the water pump is operating	ON
		Other than above	OFF
59	On board charger power supply relay	• When the M.U.T.-III is connected • When charging by the on board charger is in progress (When the on board transformer is operating)	ON
		Other than above	OFF
60	A/C relay	• 10 seconds after the electric motor switch is set to the ON position • When the electric motor switch is in the START position	ON
		Other than above	OFF

ON and OFF alternate, and finally OFF

ON and OFF alternate, and finally ON

<INCORRECT> <CORRECT>

OFF ON OFF ON

Attached sheet 5

Item No.	Check item	Check conditions	Normal conditions
34	Inhibitor shift position D	When the selector lever is in the position other than the D position	OFF <CORRECT>
		When the selector lever is in the D position	ON
37	Air bag collision signal	When the air bag is not deployed	~~OFF~~ <INCORRECT>
		When the air bag is deployed	~~ON~~ <INCORRECT>
50	IGCT control power supply relay	Always	ON
51	Charging contactor output	• Immediately before the Ready indicator is lit • Immediately before the charging indicator is lit	ON
		Other than above	OFF
52	Main contactor (+)	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	OFF
53	Main contactor (–)	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	OFF
54	Motor inverter shutdown	When the selector lever is in the R, D, E, or B position while the Ready indicator is lit	ON
		Other than above	OFF
55	12 V DC/DC converter shutdown	• When the Ready indicator is lit • When the charging indicator is lit	ON
		Other than above	OFF
56	Radiator fan 1 relay (cooling fan LO relay)	When the radiator fan relay is operating at low speed or high speed	ON
		Other than above	OFF
57	Radiator fan 2 relay (cooling fan HI relay)	When the radiator fan relay is operating at high speed	ON
		Other than above	OFF
58	Water pump relay	When the water pump is operating	ON
		Other than above	OFF
59	On board charger power supply relay	• When the scan tool is connected • When charging by the on board charger is in progress (When the on board transformer is operating)	ON
		Other than above	OFF
60	A/C relay	• 10 seconds after the electric motor switch is set to the ON position • When the electric motor switch is in the START position	ON
		Other than above	OFF

ON and OFF alternate, and finally OFF

<CORRECT>

ON and OFF alternate, and finally ON

<CORRECT>

<INCORRECT> <CORRECT>

OFF

ON

OFF

ON

TSB Revision