SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CHANGE	ISSUE NO. : MSB-13EXML54-006A	DATE : 2014-01-13
SUBJECT : CAUTION STATEMENTS REGARDING MAINTENANCE OF HIGH VOLTAGE PARTS		<DESTINATION/MODEL> (MMNA/USTP/EUR/MMAL/NZ) i-MiEV(HA3W) <M/Y> 11-14
GROUP : POWER UNIT/TRACTION BATTERY(Gr:54d)		

1. Description :

Please refer to the attached document for the information about the change of mention in the applicable service manual. (The following caution statements are added in the diagnostic procedure about the troubleshooting of EV-ECU, Quick Charger, and DC/DC converter)

2. Affected service manuals :

Please refer to the attached document (Attached sheet 1)

3. About the details :

＜For overseas market＞



! DANGER

When high voltage system components are serviced, be sure to pull service plugs to shut down high voltage.

! DANGER

When removing service plugs, wear the specified protective equipment.

※ This Service Bulletin is published from A version “MSB-13EXML54-006A” and the original version “MSB-13EXML54-006” was not published.

<For overseas market> Attached sheet 1

<EU>

Applicable manual	Pub. No.	Applicable title (INFO ID)
2011 i-MiEV Workshop Manual	ENG: CHAE11E1-CD FRE: CHAF11E1-CD GER: CHAG11E1-CD SPA: CHAS11E1-CD ITA: CHAI11E1-CD	CODE No. P1AF9: QUICK CHARGER INITIAL CHECK TIME-OUT (M549-21-410-01300-01)
		CODE No. P1AFC: QUICK CHARGING CURRENT ERROR (M549-21-440-01400-01)
		CODE No. P1B02: QUICK CHARGER CURRENT STOP TIME-OUT, CODE No. P1B03: QUICK CHARGER END PROCESSING TIME-OUT (M549-21-500-01900-01)
		CODE No. P1B29: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO POWER SUPPLY (M549-21-770-01400-01)
		CODE No. P1B2A: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO EARTH (M549-21-780-01100-01)
		CODE No. U116A: LOCAL CAN (FOR QUICK CHARGER) BUS-OFF, CODE No. U116B: QUICK CHARGER LOCAL CAN (FOR QUICK CHARGER) TIME-OUT (M549-22-020-01900-01)
		INSPECTION PROCEDURE 5: ALTHOUGH READY INDICATOR (GREEN LAMP) IS LIT, CHARGE INDICATOR (ORANGE LAMP) IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-330-01900-01)
		INSPECTION PROCEDURE 10: CHARGING DOES NOT START, OR THE CHARGING INDICATOR IS NOT ILLUMINATED WHEN THE CHARGER IS CONNECTED TO DOMESTIC POWER SUPPLY. (M549-50-220-01400-01)
		INSPECTION PROCEDURE 13: ELECTRIC (M549-50-260-01200-01) 別紙1(3/7)
Applicable manual	Pub. No.	Applicable title (INFO ID)
2011 i-MiEV Workshop Manual	ENG: CHAE11E1-CD FRE: CHAF11E1-CD GER: CHAG11E1-CD SPA: CHAS11E1-CD ITA: CHAI11E1-CD	INSPECTION PROCEDURE 14: CONNECT THE CHARGING CABLE, THE CHARGING INDICATOR DOES NOT FLASH. (ELECTRIC MOTOR SWITCH IS SET TO ON) (M549-50-280-01600-01)
2012 i-MiEV Workshop Manual or 2013 i-MiEV Workshop Manual	ENG: CHAE12E1-CD FRE: CHAF12E1-CD GER: CHAG12E1-CD SPA: CHAS12E1-CD ITA: CHAI12E1-CD or ENG: CHAE13E1-CD FRE: CHAF13E1-CD GER: CHAG13E1-CD SPA: CHAS13E1-CD	CODE No. P1AF9: QUICK CHARGER INITIAL CHECK TIME-OUT (M549-21-410-01300-01)
		CODE No. P1AFC: QUICK CHARGING CURRENT ERROR (M549-21-440-01400-01)
		CODE No. P1B02: QUICK CHARGER CURRENT STOP TIME-OUT, CODE No. P1B03: QUICK CHARGER END PROCESSING TIME-OUT (M549-21-500-01900-01)

	ITA: CHAI13E1-CD	CODE No. P1B29: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO POWER SUPPLY (M549-21-770-01400-01)
		CODE No. P1B2A: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO EARTH (M549-21-780-01100-01)
		CODE No. U116A: LOCAL CAN (FOR QUICK CHARGER) BUS-OFF, CODE No. U116B: QUICK CHARGER LOCAL CAN (FOR QUICK CHARGER) TIME-OUT (M549-22-020-01900-01)
		CODE No. 29: PILOT SIGNAL ABNORMAL (M549-55-220-02000-01)
		INSPECTION PROCEDURE 5: ALTHOUGH READY INDICATOR (GREEN LAMP) IS LIT, CHARGE INDICATOR (ORANGE LAMP) IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-330-01900-02)
		INSPECTION PROCEDURE 10: CHARGING DOES NOT START, OR THE CHARGING INDICATOR IS NOT ILLUMINATED WHEN THE CHARGER IS CONNECTED TO DOMESTIC POWER SUPPLY. (M549-50-220-01400-01)
		INSPECTION PROCEDURE 13: ELECTRIC SHOCK (M549-50-260-01200-01)
		INSPECTION PROCEDURE 14: CONNECT THE CHARGING CABLE, THE CHARGING INDICATOR DOES NOT FLASH. (ELECTRIC MOTOR SWITCH IS SET TO ON) (M549-50-280-01600-01)
2014 i-MiEV Workshop Manual	ENG: CHAE14E1-CD FRE: CHAF14E1-CD GER: CHAG14E1-CD SPA: CHAS14E1-CD ITA: CHAI14E1-CD	CODE No. P1AF9: QUICK CHARGER INITIAL CHECK TIME-OUT (M549-21-410-03500-01)
		CODE No. P1AFC: QUICK CHARGING CURRENT ERROR (M549-21-440-03600-01)
		CODE No. P1B02: QUICK CHARGER CURRENT STOP TIME-OUT, CODE No. P1B03: QUICK CHARGER END PROCESSING TIME-OUT (M549-21-500-04200-01)
Applicable manual	Pub. No.	Applicable title (INFO ID)
2014 i-MiEV Workshop Manual	ENG: CHAE14E1-CD FRE: CHAF14E1-CD GER: CHAG14E1-CD SPA: CHAS14E1-CD ITA: CHAI14E1-CD	CODE No. P1B29: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO POWER SUPPLY (M549-21-770-04700-01)
		CODE No. P1B2A: REGULAR CHARGING CONNECTION SIGNAL, SHORT TO EARTH (M549-21-780-05500-01)
		CODE No. P1B72: QUICK CHARGER CHARGING CURRENT 1 (M549-22-790-04200-01)
		CODE No. P1B73: QUICK CHARGER CHARGING CURRENT 2 (M549-22-800-04200-01)
		CODE No. P1B74: QUICK CHARGER DISCHARGING CURRENT 1 (M549-22-810-03800-01)

		CODE No. P1B75: QUICK CHARGER DISCHARGING CURRENT 2 (M549-22-820-03500-01)
		CODE No. P1B76: QUICK CHARGER DISCHARGING CURRENT 3 (M549-22-830-03200-01)
		CODE No. P1B77: QUICK CHARGER DISCHARGING CURRENT 4 (M549-22-840-03900-01)
		CODE No. P1B78: QUICK CHARGER RECEIVED CURRENT (M549-22-850-03600-01)
		CODE No. U116A: LOCAL CAN (FOR QUICK CHARGER) BUS-OFF, CODE No. U116B: QUICK CHARGER LOCAL CAN (FOR QUICK CHARGER) TIME-OUT (M549-22-020-03100-01)
		CODE No. P1D16: PILOT SIGNAL (CHARGE NOT ALLOWED), CODE No. P1D17: PILOT SIGNAL (COMMUNICATION), CODE No. P1D18: PILOT SIGNAL FREQUENCY ABNORMAL, CODE No. P1D43: PILOT SIGNAL VOLTAGE (M549-55-600-01700-01)
		INSPECTION PROCEDURE 5: ALTHOUGH READY INDICATOR (GREEN LAMP) IS LIT, CHARGE INDICATOR (ORANGE LAMP) IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-330-04200-01)
		INSPECTION PROCEDURE 11: CHARGING DOES NOT START, OR THE CHARGING INDICATOR IS NOT ILLUMINATED WHEN THE CHARGER IS CONNECTED TO DOMESTIC POWER SUPPLY. (M549-50-220-04700-01)
		INSPECTION PROCEDURE 14: ELECTRIC SHOCK (M549-50-260-04500-01)
		INSPECTION PROCEDURE 15: CONNECT THE CHARGING CABLE, THE CHARGING INDICATOR DOES NOT FLASH. (ELECTRIC MOTOR SWITCH IS SET TO ON) (M549-50-280-04900-01)

<MMAL/NZ>

Applicable manual	Pub. No.	Applicable title (INFO ID)
2013.5 i-MiEV Workshop Manual	AU900414 NZ:DRAFT	CODE No. P1B72: QUICK CHARGER CHARGING CURRENT 1 (M549-22-790-05300-01)
		CODE No. P1B73: QUICK CHARGER CHARGING CURRENT 2 (M549-22-800-05300-01)
		CODE No. P1B74: QUICK CHARGER DISCHARGING CURRENT 1 (M549-22-810-04900-01)
		CODE No. P1B75: QUICK CHARGER DISCHARGING CURRENT 2 (M549-22-820-04600-01)
		CODE No. P1B76: QUICK CHARGER DISCHARGING

		CURRENT 3 (M549-22-830-04300-01)
		CODE No. P1B77: QUICK CHARGER DISCHARGING CURRENT 4 (M549-22-840-04000-01)
		CODE No. P1B78: QUICK CHARGER RECEIVED CURRENT (M549-22-850-04700-01)
		CODE No. P1D16: PILOT SIGNAL (CHARGE NOT ALLOWED), CODE No. P1D17: PILOT SIGNAL (COMMUNICATION), CODE No. P1D18: PILOT SIGNAL FREQUENCY ABNORMAL, CODE No. P1D43: PILOT SIGNAL VOLTAGE (M549-55-600-02800-01)
		INSPECTION PROCEDURE 5: ALTHOUGH POWER INDICATOR IS LIT, CHARGING INDICATOR IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-790-02400-01)

<MMNA>

Applicable manual	Pub. No.	Applicable title (INFO ID)
2012 i-MiEV Service Manual CD-ROM or 2013 i-MiEV Service Manual CD-ROM	MSCD-018B-2012 or MSCD-018B-2013	DTC P1AF9 QUICK CHARGER INITIAL CHECK TIMEOUT (M549-21-410-01300-01)
		DTC P1AFC QUICK CHARGING CURRENT ERROR (M549-21-440-01400-01)
		DTC P1B02 QUICK CHARGER CURRENT STOP TIMEOUT, DTC P1B03 QUICK CHARGER END PROCESSING TIMEOUT (M549-21-500-01900-01)
		DTC P1B29 REGULAR CHARGER PORT SIGNAL, SHORT TO POWER SUPPLY (M549-21-770-01400-01)
		DTC P1B2A REGULAR CHARGER PORT SIGNAL, SHORT TO GROUND (M549-21-780-01100-01)
		DTC U116A LOCAL CAN (FOR QUICK CHARGER) BUS OFF, DTC U116B QUICK CHARGER LOCAL CAN (FOR QUICK CHARGER) TIMEOUT (M549-22-020-01900-01)
		CODE No. 29: PILOT SIGNAL ABNORMAL (M549-55-220-02000-01)
Applicable manual	Pub. No.	Applicable title (INFO ID)
2012 i-MiEV Service Manual CD-ROM or 2013 i-MiEV Service Manual CD-ROM	MSCD-018B-2012 or MSCD-018B-2013	INSPECTION PROCEDURE 5: ALTHOUGH READY INDICATOR (GREEN LAMP) IS LIT, CHARGE INDICATOR (ORANGE LAMP) IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-330-01900-02)
		INSPECTION PROCEDURE 10: CHARGING DOES NOT START, OR THE CHARGING INDICATOR IS NOT ILLUMINATED WHEN THE CHARGER IS CONNECTED TO DOMESTIC POWER SUPPLY. (M549-50-220-01400-01)
		INSPECTION PROCEDURE 13: ELECTRIC SHOCK (M549-50-260-01200-01)
		INSPECTION PROCEDURE 14: CONNECT THE CHARGING CABLE, THE CHARGING INDICATOR DOES

		NOT FLASH. (ELECTRIC MOTOR SWITCH IS SET TO ON) (M549-50-280-01600-01)
2014 i-MiEV Service Manual CD-ROM	MSCD-018B-2014	DTC P1AF9 QUICK CHARGER INITIAL CHECK TIMEOUT (M549-21-410-03500-01)
		DTC P1AFC QUICK CHARGING CURRENT ERROR (M549-21-440-03600-01)
		DTC P1B02 QUICK CHARGER CURRENT STOP TIMEOUT, DTC P1B03 QUICK CHARGER END PROCESSING TIMEOUT (M549-21-500-04200-01)
		DTC P1B29 REGULAR CHARGER PORT SIGNAL, SHORT TO POWER SUPPLY (M549-21-770-04700-01)
		DTC P1B2A REGULAR CHARGER PORT SIGNAL, SHORT TO GROUND (M549-21-780-05500-01)
		DTC P1B72 QUICK CHARGER CHARGING CURRENT 1 (M549-22-790-04200-01)
		DTC P1B73 QUICK CHARGER CHARGING CURRENT 2 (M549-22-800-04200-01)
		DTC P1B74 QUICK CHARGER DISCHARGING CURRENT 1 (M549-22-810-03800-01)
		DTC P1B75 QUICK CHARGER DISCHARGING CURRENT 2 (M549-22-820-03500-01)
		DTC P1B76 QUICK CHARGER DISCHARGING CURRENT 3 (M549-22-830-03200-01)
		DTC P1B77 QUICK CHARGER DISCHARGING CURRENT 4 (M549-22-840-03900-01)
		DTC P1B78 QUICK CHARGER RECEIVED CURRENT (M549-22-850-03600-01)
		DTC U116A LOCAL CAN (FOR QUICK CHARGER) BUS-OFF, DTC U116B QUICK CHARGER LOCAL CAN (FOR QUICK CHARGER) TIME-OUT (M549-22-020-03100-01)
Applicable manual	Pub. No.	Applicable title (INFO ID)
2014 i-MiEV Service Manual CD-ROM	MSCD-018B-2014	DTC P1D16 PILOT SIGNAL (CHARGE NOT ALLOWED), DTC P1D17 PILOT SIGNAL (COMMUNICATION), DTC P1D18 PILOT SIGNAL FREQUENCY ABNORMAL, DTC P1D43 PILOT SIGNAL VOLTAGE (M549-55-600-01700-01)
		INSPECTION PROCEDURE 5: ALTHOUGH POWER INDICATOR IS LIT, CHARGING INDICATOR IS NOT LIT. (REQULAR CHARGING IS IMPOSSIBLE.) (M549-55-790-03500-01)
		INSPECTION PROCEDURE 12: CHARGING DOES NOT START, OR THE CHARGING INDICATOR IS NOT ILLUMINATED WHEN THE CHARGER IS CONNECTED TO DOMESTIC POWER SUPPLY. (M549-50-220-04700-01)

		INSPECTION PROCEDURE 15: ELECTRIC SHOCK (M549-50-260-04500-01)
		INSPECTION PROCEDURE 16: CONNECT THE CHARGING CABLE, THE CHARGING INDICATOR DOES NOT FLASH. (ELECTRIC MOTOR SWITCH IS SET TO ON) (M549-50-280-04900-01)