SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-12E00-501	DATE : 2012-10-25
SUBJECT : PRE-DELIVERY INSPECTION AND PERIODIC MAINTENANCE MANUAL		<Destination/Model> (EUR) <M/Y> 11-13.5
GROUP : GENERAL		i-MiEV(HA3W)

1. Description:

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

2. Applicable Manual :

Applicable manual	Pub. No.	Applicable title	Contents
2011 i-MiEV Workshop manual CD-ROM	CHAE11E1-CD(Eng) CHAF11E1-CD(Fre) CHAG11E1-CD(Ger) CHAS11E1-CD(Spa) CHAI11E1-CD(Ita)	Pre-delivery inspection and Periodic maintenance manual PERIODIC INSPECTION AND MAINTENANCE (2-2) OPERATIONS INSIDE THE ELECTRIC MOTOR UNIT ROOM. (2-3)	Attached sheet 1 Attached sheet 2
2012 i-MiEV Workshop manual CD-ROM	CHAE12E1-CD(Eng) CHAF12E1-CD(Fre) CHAG12E1-CD(Ger) CHAS12E1-CD(Spa) CHAI12E1-CD(Ita)		
2013.5 i-MiEV Workshop manual CD-ROM	CHAE13E1-CD(Eng) CHAF13E1-CD(Fre) CHAG13E1-CD(Ger) CHAS13E1-CD(Spa) CHAI13E1-CD(Ita)		

3. Details:

See the attached sheets

Attached sheet 1

PERIODIC INSPECTION AND MAINTENANCE SCHEDULE

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For items which indicate both distance and time (in months), the inspection should be made at whichever (distance or time) comes first.

Maintenance item		Maintenance operation	Maintenance interval	
OPERATIONS INSIDE THE ELCTRIC MOTOR UNIT ROOM				
A1	Check high voltage cable for damage and proper connection ~~(Except main battery)~~	Inspection	Every 40,000 km or every 2 years	
A2	Check motor coolant level in reservoir	Inspection	Every 40,000 km or every 2 years	
A3	Change motor coolant	Change	Every 20 years	
OPERATIONS INSIDE THE BONNET ROOM <Deleted>				
B1	Check radiator hoses and heater hose for damage and proper connection	Inspection	Every 40,000 km or every 2 years	
B2	Check heater fluid level in reservoir	Inspection	Every 40,000 km or every 2 years	
B3	Change heater fluid	Change	Every 20 years	
B4	Check fluid level in brake reservoir	Inspection	Every 20,000 km or every 12 months	
B5	Change brake fluid	Change	Every 40,000 km or every 2 years	
B6	Check battery condition (Except main battery)	Inspection	Every 20,000 km or every 12 months	
OPERATIONS UNDER THE VEHICLE				
C1	Check suspension system for damage and looseness	Inspection	Every 40,000 km or every 2 years	
C2	Check suspension arm ball joints for play, and dust covers for damage	Inspection	Every 40,000 km or every 2 years	
C3	Check driveshaft boots for grease leaks and damage	Inspection	Normal usage	Every 40,000 km or every 2 years
			Severe usage	Every 10,000 km
C4	Check steering linkage for damage and loose connections (including seals and boots)	Inspection	Every 20,000 km or every 12 months	
C5	Check transmission for oil leakage	Inspection	Every 20,000 km or every 12 months	
C6	Change gear oil in transmission	Change	Normal usage	Every 100,000 km
			Severe usage	Every 40,000 km
OPERATIONS INSIDE THE VEHICLE				
D1	Check brake pedal for free play	Inspection	Every 20,000 km or every 12 months	
D2	Check parking brake lever stroke and play	Inspection	Every 20,000 km or every 12 months	
D3	Replace air purifier filter	Replace	Every 20,000 km or every 12 months	
OPERATIONS OUTSIDE THE VEHICLE				
E1	Check wheel alignment	Inspection	Every 20,000 km or every 12 months	

Maintenance item		Maintenance operation	Maintenance interval	
E2	Check front and rear wheel bearings for play	Inspection	Every 60,000 km or every 3 years	
E3	Check brake hoses and pipes for leakage	Inspection	Every 40,000 km or every 2 years	
E4	Check brake pads and discs for wear	Inspection	Normal usage	Every 20,000 km or every 12 months
			Severe usage	Every 10,000 km or every 6 months
E5	Check brake shoe linings and drums for wear, and wheel cylinders leakage	Inspection	Normal usage	Every 40,000 km or every 2 years
			Severe usage	Every 20,000 km or every 12 months
OTHERS				
F1	Check body condition for damage	Inspection	Every year	
F2	Road test	Inspection	Every 20,000 km or every 12 months	

NOTE: "Severe usage" specifications apply to only vehicles used under severe operating conditions. Severe operating conditions include the followings cases:

1. *Driving in dusty area.*
2. *Driving on rough roads, on submerged roads, or hilly areas.*
3. *Frequent, sudden application of brakes.*
4. *Use as a taxi or as a rent-a-car.*
5. *When more than 50% of driving is at 120 km/h or more and the ambient temperature is 30℃ or more.*

OPERATIONS INSIDE THE ELECTRIC MOTOR UNIT ROOM

A1.CHECK HIGH VOLTAGE CABLE FOR DAMAGE AND PROPER CONNECTION (EXCEPT MAIN BATTERY)

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HIGH-VOLTAGE COMPONENTS

The high-voltage components are described below. Also, wiring harness and connectors of high-voltage circuit are unified with a colour of orange.

- Main battery
- Inverter
- On board charger/DC-DC converter
- Motor (electric motor unit)
- Heater
- A/C COMPRESSOR
- Regular charging connector
- Quick charging connector
- Service plug
- Wiring harness and connector

<Deleted>

SERVICE PRECAUTIONS

⚠ DANGER

When adjusting the high-voltage components, be sure to disconnect the service plug in order to shut off the high voltage.

