SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CORRECTION	ISSUE NO. : MSB-14EXM52-501	DATE : 2014-10-01
SUBJECT : Errors in the check chart for the diagnosis code of SUPPLEMENTAL RESTRATION SYSTEM(SRS)		<DESTINATION/MODEL> (EUR/MMNA/USTP/THAI) <M/Y> 13-14
GROUP : Gr:52(INTERIOR/SRS AIRBAG)		MIRAGE/SPACE STAR(A03A)/ATTRAGE(A10)

1. Description :

Please refer to the attached document for the correction of the error in writing existing in the applicable service manual.

2. Affected service manuals :

For overseas market

Destination	Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
MMNA	2014 MIRAGE SERVICE MANUAL	MSCD-016B-2014	CHECK CHART FOR DIAGNOSTIC TROUBLE CODES (M524-00-332-92200-01)	Attached sheet 2
EU	2013 SPACE STAR/ MIRAGE Workshop Manual	CA0E13E1-CD (Eng) CA0F13E1-CD (Fre) CA0G13E1-CD (Ger) CA0S13E1-CD (Spa) CA0I13E1-CD (Ita)	CHECK CHART FOR DIAGNOSIS CODES (M524-00-332-61000-0)	Attached sheet 3
	2014 ATTRAGE Workshop Manual	CA1E14E1-CD (Eng) CA1F14E1-CD (Fre) CA1G14E1-CD (Ger) CA1S14E1-CD (Spa) CA1I14E1-CD (Ita)	CHECK CHART FOR DIAGNOSIS CODES (M524-00-332-61001-01)	Attached sheet 4
THAILAND	2013 MIRAGE Workshop Manual	DRAFT	CHECK CHART FOR DIAGNOSIS CODES (M524-00-332-50201-01)	Attached sheet 5

3. About the details :

Please refer to the attached document (Attached sheet 2-5)

CHECK CHART FOR DIAGNOSTIC TROUBLE CODES

M1524003302922

⚠ CAUTION

During diagnosis, a diagnostic trouble code associated with another system may be stored when the ignition switch is turned on with connector(s) disconnected. After completing the repair, confirm all systems for diagnostic trouble code(s). If diagnostic trouble code(s) are stored, erase them all.

Inspect according to the inspection chart that is appropriate for the DTC.

Code No.	Diagnostic item	Reference page
B1400*2	Driver's air bag module (1st squib) system (short circuit between squib circuit terminals)	
B1401*2	Driver's air bag module (1st squib) system (open circuit of squib circuit)	
B1402*2	Driver's air bag module (1st squib) system (shorted to squib circuit ground)	
B1403*2	Driver's air bag module (1st squib) system (shorted to squib circuit power supply)	
B1404*4 <Correct>	Driver's air bag module (1st squib) activating circuit short-circuited	
B1405*4 *2	Driver's air bag module (1st squib) activating circuit open-circuited	
B1406*4 <Incorrect> <Up to January, 2014> *3 <From February, 2014>	Malfunction of Front Impact Sensor (RH)	
B1407*2 <Up to January, 2014> *3 <From February, 2014>	Front Impact Sensor (RH) Voltage Error	
B1408*2 <Up to January, 2014> *3 <From February, 2014>	Front Impact Sensor (RH) Communication Error	
B1409*2 <Up to January, 2014> *3 <From February, 2014>	Front Impact Sensor (RH) Communication Impossible	
B1410*2	Passenger's (front) air bag module (1st squib) system (short circuit between squib circuit terminals)	
B1411*2	Passenger's (front) air bag module (1st squib) system (open circuit of squib circuit)	
B1412*2	Passenger's (front) air bag module (1st squib) system (shorted to squib circuit ground)	
B1413*2	Passenger's (front) air bag module (1st squib) system (shorted to squib circuit power supply)	
B1414*4	Passenger's (front) air bag module (1st squib) activating circuit short-circuited	
B1415*4 <Correct> *2	Passenger's (front) air bag module (1st squib) activating circuit open-circuited	
B1416*4 <Incorrect> <Up to January, 2014> *3 <From February, 2014>	Malfunction of inside front impact sensor (LH)	

Attached sheet 2 (2/2)

Code No.	Diagnostic item	Reference page
B1417*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH) voltage error	
B1418*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH) communication error	
B1419*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH) communication impossible	
B1420*2	Side-airbag module (RH) (squib) system (short circuit between squib terminals)	
B1421*2	Side-airbag module (RH) (squib) system (open circuit of squib circuit)	
B1422*2	Side-airbag module (RH) (squib) system (shorted to squib circuit ground)	
B1423*2	Side-airbag module (RH) (squib) system (shorted to squib circuit power supply)	
B1424*4 <Correct>	Side-airbag module (RH) (squib) activating circuit short-circuited	
B1425*4 *2	Side-airbag module (RH) (squib) activating circuit open-circuited	
B1426*4 <Up to January, 2014> <Incorrect> *3 <From February, 2014>	Malfunction of side impact sensor (RH)	
B1427*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) voltage error	
B1428*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) communication error	
B1429*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) communication impossible	
B1430*2	Side-airbag module (LH) (squib) system (short circuit between squib terminals)	
B1431*2	Side-airbag module (LH) (squib) system (open circuit of squib circuit)	
B1432*2	Side-airbag module (LH) (squib) system (shorted to squib circuit ground)	
B1433*2	Side-airbag module (LH) (squib) system (shorted to squib circuit power supply)	
B1434*4 <Correct>	Side-airbag module (LH) (squib) activating circuit short-circuited	
B1435*4 *2	Side-airbag module (LH) (squib) activating circuit open-circuited	
B1436*4 <Up to January, 2014> <Incorrect> *3 <From February, 2014>	Malfunction of side impact sensor (LH)	

Attached sheet 3 (1/2)

CHECK CHART FOR DIAGNOSIS CODES

M1524003302610

⚠ CAUTION

During diagnosis, a diagnosis code associated with other system may be set when the ignition switch is turned on with connector(s) disconnected. On completion, confirm all systems for diagnosis code(s). If diagnosis code(s) are set, erase them all.

Code No.	Diagnostic item	Reference page
B1400*2	Driver's air bag module (squib) system (short circuit between squib circuit terminals)	
B1401*2	Driver's air bag module (squib) system (open circuit of squib circuit)	
B1402*2	Driver's air bag module (squib) system (shorted to squib circuit earth)	
B1403*2	Driver's air bag module (squib) system (shorted to squib circuit power supply)	
B1404*4	Driver's air bag module (squib) activating circuit short-circuited	
B1405*4	Driver's air bag module (squib) activating circuit open-circuited	
B1410*2	Passenger's (front) air bag module (squib) system (short circuit between squib circuit terminals)	
B1411*2	Passenger's (front) air bag module (squib) system (open circuit of squib circuit)	
B1412*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit earth)	
B1413*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit power supply)	
B1414*4	Passenger's (front) air bag module (squib) activating circuit short-circuited	
B1415*4 <Correct> *2	Passenger's (front) air bag module (squib) activating circuit open-circuited	
B1416*4 <Incorrect>	Malfunction of inside front impact sensor (LH)*6	
B1417*2	Front impact sensor (LH)*6 voltage error	
B1418*2	Front impact sensor (LH)*6 communication error	
B1419*2	Front impact sensor (LH)*6 communication impossible	
B1420*2	Right side-airbag module (squib) system (short circuit between squib terminals)	
B1421*2	Right side-airbag module (squib) system (open circuit of squib circuit)	
B1422*2	Right side-airbag module (squib) system (shorted to squib circuit earth)	
B1423*2	Right side-airbag module (squib) system (shorted to squib circuit power supply)	
B1424*4	Right side-airbag module (squib) activating circuit short-circuited	
B1425*4 <Incorrect>	Right side-airbag module (squib) activating circuit open-circuited	
B1426*4	Malfunction of G-sensor inside right side impact sensor	

*2 <Correct>

Attached sheet 3 (2/2)

Code No.	Diagnostic item	Reference page
B1427*2	Side impact sensor (RH) voltage error	
B1428*2	Side impact sensor (RH) communication error	
B1429*2	Side impact sensor (RH) communication impossible	
B1430*2	Left side-airbag module (squib) system (short circuit between squib terminals)	
B1431*2	Left side-airbag module (squib) system (open circuit of squib circuit)	
B1432*2	Left side-airbag module (squib) system (shorted to squib circuit earth)	
B1433*2	Left side-airbag module (squib) system (shorted to squib circuit power supply)	
B1434*4	Left side-airbag module (squib) activating circuit short-circuited	
B1435*4	Left side-airbag module (squib) activating circuit open-circuited	
B1436*4	Malfunction of G-sensor inside left side impact sensor	
B1437*2	Side impact sensor (LH) voltage error	
B1438*2	Side impact sensor (LH) communication error	
B1439*2	Side impact sensor (LH) communication impossible	
B1440*2	Right curtain air bag module (squib) system (short circuit between squib terminals)	
B1441*2	Right curtain air bag module (squib) system (open circuit of squib circuit)	
B1442*2	Right curtain air bag module (squib) system (shorted to squib circuit earth)	
B1443*2	Right curtain air bag module (squib) system (shorted to squib circuit power supply)	
B1444*4	Right curtain air bag module (squib) activating circuit short-circuited	
B1445*4	Right curtain air bag module (squib) activating circuit open-circuited	
B1450*2	Left curtain air bag module (squib) system (short circuit between squib terminals)	
B1451*2	Left curtain air bag module (squib) system (open circuit of squib circuit)	
B1452*2	Left curtain air bag module (squib) system (shorted to squib circuit earth)	
B1453*2	Left curtain air bag module (squib) system (shorted to squib circuit power supply)	
B1454*4	Left curtain air bag module (squib) activating circuit short-circuited	
B1455*4	Left curtain air bag module (squib) activating circuit open-circuited	
B1466*4	Analogue G-sensor system in the SRS-ECU (front air bag)	
B1476*3	IG1 power supply open circuit (Fuse No. 15 circuit)	

<Correct>
*2
*4
<Incorrect>

Attached sheet 4 (1/2)

CHECK CHART FOR DIAGNOSIS CODES

M1524003302610

⚠ CAUTION

During diagnosis, a diagnosis code associated with other system may be stored when the ignition switch is turned on with connector(s) disconnected. On completion, confirm all systems for diagnosis code(s). If diagnosis code(s) are stored, erase them all.

Code No.	Diagnostic item	Reference page
B1400*2	Driver's air bag module (squib) system (short circuit between squib circuit terminals)	
B1401*2	Driver's air bag module (squib) system (open circuit of squib circuit)	
B1402*2	Driver's air bag module (squib) system (shorted to squib circuit earth)	
B1403*2	Driver's air bag module (squib) system (shorted to squib circuit power supply)	
B1404*4	Driver's air bag module (squib) activating circuit short-circuited	
B1405*4	Driver's air bag module (squib) activating circuit open-circuited	
B1410*2	Passenger's (front) air bag module (squib) system (short circuit between squib circuit terminals)	
B1411*2	Passenger's (front) air bag module (squib) system (open circuit of squib circuit)	
B1412*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit earth)	
B1413*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit power supply)	
B1414*4	Passenger's (front) air bag module (squib) activating circuit short-circuited	
B1415*4 <Correct> *2	Passenger's (front) air bag module (squib) activating circuit open-circuited	
B1416*4 <Incorrect> <Up to January, 2014> *3 <From February, 2014>	Malfunction of inside front impact sensor (LH)*6	
B1417*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 voltage error	
B1418*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 communication error	
B1419*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 communication impossible	
B1420*2	Right side-airbag module (squib) system (short circuit between squib terminals)	
B1421*2	Right side-airbag module (squib) system (open circuit of squib circuit)	

Code No.	Diagnostic item	Reference page
B1422*2	Right side-airbag module (squib) system (shorted to squib circuit earth)	
B1423*2	Right side-airbag module (squib) system (shorted to squib circuit power supply)	
B1424*4 <Correct>	Right side-airbag module (squib) activating circuit short-circuited	
B1425*4 *2	Right side-airbag module (squib) activating circuit open-circuited	
B1426*4 <Incorrect> <Up to January, 2014> *3 <From February, 2014>	Malfunction of G-sensor inside right side impact sensor	
B1427*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) voltage error	
B1428*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) communication error	
B1429*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (RH) communication impossible	
B1430*2	Left side-airbag module (squib) system (short circuit between squib terminals)	
B1431*2	Left side-airbag module (squib) system (open circuit of squib circuit)	
B1432*2	Left side-airbag module (squib) system (shorted to squib circuit earth)	
B1433*2	Left side-airbag module (squib) system (shorted to squib circuit power supply)	
B1434*4 <Correct>	Left side-airbag module (squib) activating circuit short-circuited	
B1435*4 *2	Left side-airbag module (squib) activating circuit open-circuited	
B1436*4 <Incorrect> <Up to January, 2014> *3 <From February, 2014>	Malfunction of G-sensor inside left side impact sensor	
B1437*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (LH) voltage error	
B1438*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (LH) communication error	
B1439*2 <Up to January, 2014> *3 <From February, 2014>	Side impact sensor (LH) communication impossible	
B1440*2	Right curtain air bag module (squib) system (short circuit between squib terminals)	
B1441*2	Right curtain air bag module (squib) system (open circuit of squib circuit)	

Attached sheet 5

CHECK CHART FOR DIAGNOSIS CODES

M1524003302502

⚠ CAUTION

During diagnosis, a diagnosis code associated with other system may be set when the ignition switch is turned on with connector(s) disconnected. On completion, confirm all systems for diagnosis code(s). If diagnosis code(s) are set, erase them all.

Code No.	Diagnostic item	Reference page
B1400*2	Driver's air bag module (squib) system (short circuit between squib circuit terminals)	
B1401*2	Driver's air bag module (squib) system (open circuit of squib circuit)	
B1402*2	Driver's air bag module (squib) system (shorted to squib circuit earth)	
B1403*2	Driver's air bag module (squib) system (shorted to squib circuit power supply)	
B1404*4	Driver's air bag module (squib) activating circuit short-circuited	
B1405*4	Driver's air bag module (squib) activating circuit open-circuited	
B1410*2	Passenger's (front) air bag module (squib) system (short circuit between squib circuit terminals)	
B1411*2	Passenger's (front) air bag module (squib) system (open circuit of squib circuit)	
B1412*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit earth)	
B1413*2	Passenger's (front) air bag module (squib) system (shorted to squib circuit power supply)	
B1414*4	Passenger's (front) air bag module (squib) activating circuit short-circuited	
B1415*4 <Incorrect>	Passenger's (front) air bag module (squib) activating circuit open-circuited	
B1416*4 <Up to January, 2014> *3 <From February, 2014>	Malfunction of inside front impact sensor (LH)*6 *4<Up to June 2013>*2 <Correct>	
B1417*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 voltage error	
B1418*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 communication error	
B1419*2 <Up to January, 2014> *3 <From February, 2014>	Front impact sensor (LH)*6 communication impossible	
B1466*4	Analogue G-sensor system in the SRS-ECU (front air bag)	
B1476*3	IG1 power supply open circuit (Fuse No. 15 circuit)	
B1477*3	IG1 power supply open circuit (Fuse No. 21 circuit)	
B1478*4	SRS-ECU Backup capacitor circuit voltage too High	