SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : CHANGE	ISSUE NO. : MSB-15EXM54-002	DATE : 2015-08-27
SUBJECT : Addition of the trouble shooting for setting up the service parts of MAP SD memory card (for MMES) including map information		<DESTINATION/MODEL> <M/Y> (As per attached sheet 1-2) 13-15.5
GROUP : Gr:54(Chassis electrical)		MIRAGE/SPACE STAR (A03A) ATTRAGE(A10)/NATIVA(KH8W)

1. Description :

Please refer to the attached document for the information about the change of mention in the applicable service manual.

2. Affected service manuals :

Please refer to the attached document (Attached sheet 1-2)

3. About the details :

Please refer to the attached document (Attached sheet 3-9)

Attached sheet 1

EU

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2013 MIRAGE/SPACE STAR Workshop Manual	CA0E13E1-CD (ENG) CA0F13E1-CD (FRE) CA0G13E1-CD (GER) CA0S13E1-CD (SPA) CA0I13E1-CD (ITA)	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 4
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the tail lamps." (M546-31-440-01200-01)	Attached sheet 7
2014 MIRAGE/SPACE STAR Workshop Manual	CA0E14E1-CD (ENG) CA0F14E1-CD (FRE) CA0G14E1-CD (GER) CA0S14E1-CD (SPA) CA0I14E1-CD (ITA)	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 4
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the tail lamps." (M546-31-440-01200-01)	Attached sheet 7
2015 MIRAGE/SPACE STAR Workshop Manual	CA0E15E1-CD (ENG) CA0F15E1-CD (FRE) CA0G15E1-CD (GER) CA0S15E1-CD (SPA) CA0I15E1-CD (ITA)	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 4
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the tail lamps." (M546-31-440-01200-01)	Attached sheet 7
2015.5 MIRAGE/SPACE STAR Workshop Manual	CA0E15E2-CD (ENG) CA0F15E2-CD (FRE) CA0G15E2-CD (GER) CA0S15E2-CD (SPA) CA0I15E2-CD (ITA)	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 4
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the tail lamps." (M546-31-440-01200-01)	Attached sheet 7
2014 ATTRAGE Workshop Manual	CA1E14E1-CD (ENG) CA1F14E1-CD (FRE) CA1G14E1-CD (GER) CA1S14E1-CD (SPA) CA1I14E1-CD (ITA)	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-27500-01)	Attached sheet 5
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the tail lamps." (M546-31-440-01200-01)	Attached sheet 7

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Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2014 NATIVA/PAJERO SPORT/ MONTERO SPORT Workshop Manual	DRAFT	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-30500-01)	Attached sheet 6
		Added below "Inspection Procedure 10: The illumination of the switches on the multivision display cannot be adjusted by using the rheostat." (M546-31-470-01300-01)	Attached sheet 8

Attached sheet 2

MMNA

Applicable manual	Pub. No.	Applicable title (INFO ID)	Contents
2014 MIRAGE Service manual	MSCD-016B-2014	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 5
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the taillights." (M546-31-440-01200-01)	Attached sheet 9
2015 MIRAGE Service manual	MSCD-016B-2015	Error display (M546-31-300-07700-01)	Attached sheet 3
		CHECK CHART FOR TROUBLE SYMPTOMS (M546-00-182-13400-01)	Attached sheet 5
		Added below "Inspection Procedure 9: The screen brightness is not changed in conjunction with the taillights." (M546-31-440-01200-01)	Attached sheet 9

Error display

If the multivision display detects an error under the conditions below, the error will be displayed.

- When the multivision display is activated
- When the OPEN/TILT key is operated on the multivision display
- When a CD/DVD is loaded/ejected
- When a CD/DVD is played
- When an audio file, which is stored in an SD memory card or an USB device, is played
- When you use a hands-free system

Error display	Cause	Action
Check Map SD Memory Card	When an error is detected in the map SD memory card (loaded in the right SD card slot)	Load the map SD memory card again. <Added> When an error is still displayed, replace the "map SD memory card of service parts."
Please open panel.	An error is detected when the panel is opened.	Press "Panel Open/Close" to open the panel once.
Please eject disc.	A mechanical error occurred in the DVD loading mechanism.	Eject the disk.
Disc read error.	• The disc is scratched • When a disk of unsupported format is attempted to play. • The disk does not contain any supported file.	Replace the disk.
This disc can not be played.	Improper region code	–
Please change the parental level to play this disc.	Playback of the disk is limited under parental level.	Change the parental level setting on the multivision display.
Unplayable file.	When an unsupported file is attempted to play. (collapsed file, difference between file extension and file format, unsupported bit rate, etc.)	–
SD memory card read error.	• When the SD memory card cannot be recognised • When the file system is FAT.	Load the SD memory card again.
Stopped.	The control panel is opened while the SD memory card is played.	Close the panel. (The device cannot access the SD memory card while the panel is opened)
Check USB memory or iPod.	• When the USB memory or the iPod cannot be recognised • When the file system is FAT. • When a device other than an USB memory stick or an iPod is connected • When a device is connected via an USB hub.	Insert the USB memory stick or iPod again.

Attached sheet 4

CHECK CHART FOR TROUBLE SYMPTOMS

Symptom		Inspection procedure number	Reference page
Power is not turned ON when the power switch is turned ON.	Vehicles without Auto Stop & Go (AS&G) System	1	
	Vehicles with Auto Stop & Go (AS&G) System		
Current location is not displayed correctly.		2	
No sound is heard.		3	
The radio broadcasting can not be received.		4	
CD/DVD cannot be played.		5	
An audio file, which is stored in the USB memory/iPod, cannot be played.		6	
An audio file, which is stored in the SD memory card, cannot be played.		7	
The hands-free cellular phone system does not operate normally.		8	
The screen brightness is not changed in conjunction with the tail lamps.		9	
Map SD memory card cannot be read.		10	

<Added>

Attached sheet 5

CHECK CHART FOR TROUBLE SYMPTOMS

Symptom	Inspection procedure number	Reference page
Power is not turned ON when the power switch is turned ON.	1	
Current location is not displayed correctly.	2	
No sound is heard.	3	
The radio broadcasting can not be received.	4	
CD/DVD cannot be played.	5	
An audio file, which is stored in the USB memory/iPod, cannot be played.	6	
An audio file, which is stored in the SD memory card, cannot be played.	7	
The hands-free cellular phone system does not operate normally.	8	
The screen brightness is not changed in conjunction with the tail lamps.	9	
Map SD memory card cannot be read.	10	

<Added>

Attached sheet 6

CHECK CHART FOR TROUBLE SYMPTOMS

Symptom	Inspection procedure number	Reference page
Power is not turned ON when the power switch is turned ON.	1	
Current location is not displayed correctly.	2	
No sound is heard.	3	
The radio broadcasting can not be received.	4	
CD/DVD cannot be played.	5	
An audio file, which is stored in the USB memory/iPod, cannot be played.	6	
An audio file, which is stored in the SD memory card, cannot be played.	7	
The hands-free cellular phone system does not operate normally.	8	
The day/night modes are not switched according to ambient brightness.	9	
The illumination of the switches on the multivision display cannot be adjusted by using the rheostat.	10	
Map SD memory card cannot be read.	11	

<Added>

<Added>

Inspection Procedure 10: Map SD memory card cannot be read.

⚠ CAUTION
Whenever the multivision display is replaced, ensure that the power supply circuit and the earthing circuit are normal. (Check that the voltage is 10 V or more.)

COMMENTS ON TROUBLE SYMPTOM
If the map SD memory card cannot be read, the map SD memory card or multivision display may be defective.

PROBABLE CAUSES
- The multivision display may be defective.
- The map SD memory card may be defective.

DIAGNOSIS PROCEDURE

STEP 1. Check if the error message "Check Map SD Memory Card" is displayed on the monitor.

Q: Is the error message "Check Map SD Memory Card" displayed on the monitor?
YES : Refer to error message, take necessary steps. If the map SD memory card is still not be played, go to Step 2.
NO : Go to Step 2.

STEP 2. Retest the system

Q: Is the check result normal?
YES : The trouble can be an intermittent malfunction (Refer to GROUP 00 – How to use Troubleshooting/inspection Service Points – How to Cope with Intermittent Malfunction).
NO : Replace the multivision display.

<Added>

Inspection Procedure 11: Map SD memory card cannot be read.

⚠ CAUTION
Whenever the multivision display is replaced, ensure that the power supply circuit and the earthing circuit are normal. (Check that the voltage is 10 V or more.)

COMMENTS ON TROUBLE SYMPTOM
If the map SD memory card cannot be read, the map SD memory card or multivision display may be defective.

PROBABLE CAUSES
- The multivision display may be defective.
- The map SD memory card may be defective.

DIAGNOSIS PROCEDURE

STEP 1. Check if the error message "Check Map SD Memory Card" is displayed on the monitor.

Q: Is the error message "Check Map SD Memory Card" displayed on the monitor?
YES : Refer to error message, take necessary steps. If the map SD memory card is still not be played, go to Step 2.
NO : Go to Step 2.

STEP 2. Retest the system

Q: Is the check result normal?
YES : The trouble can be an intermittent malfunction (Refer to GROUP 00 – How to use Troubleshooting/inspection Service Points – How to Cope with Intermittent Malfunction).
NO : Replace the multivision display.

<Added>

Inspection Procedure 10: Map SD memory card cannot be read.

⚠ CAUTION
Whenever the multivision display is replaced, ensure that the power supply circuit, the ground circuit and the communication circuit are normal

TECHNICAL DESCRIPTION (COMMENT)
If the map SD memory card cannot be read, the map SD memory card or multivision display may be defective.

TROUBLESHOOTING HINTS
- The multivision display may be defective.
- The map SD memory card may be defective.

DIAGNOSIS

STEP 1. Check if the error message "Check Map SD Memory Card" is displayed on the monitor.

Q: Is the error message "Check Map SD Memory Card" displayed on the monitor?

YES : Refer to error message, take necessary steps. If the map SD memory card is still not be played, go to Step 2.

NO : Go to Step 2.

STEP 2. Retest the system

Q: Is the check result normal?

YES : The trouble can be an intermittent malfunction (Refer to GROUP 00 – How to use Troubleshooting/ inspection Service Points – How to Cope with Intermittent Malfunction).

NO : Replace the multivision display.