SERVICE BULLETIN

MITSUBISHI MOTORS

GLOBAL AFTER SALES OFFICE, MITSUBISHI MOTORS CORPORATION

PURPOSE : INFORMATION	ISSUE NO. : MSB-11E54-001	DATE : 2011-03-05
SUBJECT : AUDIO SYSTEM TROUBLESHOOTING		<MODEL> (EUR) ALL(Vehicles with audio system) <M/Y> –
GROUP : CHASSIS ELECTRICAL		

1. Description:

A troubleshooting method for the audio system has been established to check the system when all loudspeakers do not sound at all. This Service Bulletin contains the new procedure.

Reason: It became clear that the audio protection circuit disables all speakers if any of the speaker circuits are short-circuited.

2. Details:

The following troubleshooting procedure is established.

Trouble symptoms: All loudspeakers do not sound at all.

COMMENT ON TROUBLE SYMPTOM: If any of the speaker circuits are short-circuited, the protection circuit in the audio system disables all speakers. When all speakers do not sound, there may be a short circuit in a speaker circuit, or a speaker unit or the audio system may be defective.

PROBABLE CAUSES: Defective harness, connector, speaker or audio system.

DIAGNOSIS PROCEDURE
STEP 1. Connector and harness check between speakers and audio system
Check connectors and harnesses between all speakers and the audio system.
Q: Is the check result normal?
YES: Go to Step 2.
NO: Repair harness or connector.

STEP 2. Check speakers
Check all speakers individually.
(1) Remove the speaker.
(2) Check if the speaker produces a noise when a voltage of 5 V is applied to speaker terminals.
Q: Is the check result normal?
YES: Go to Step 3.
NO: Replace the speaker.

STEP 3. Operation check
Check if all speakers sound.
Q: Is the check result normal?
YES: Transient malfunction.
NO: Replace the audio system.