Technical Service Bulletin

SUBJECT: SRS DTCS B1408 AND B1409 DIAGNOSIS UPDATED – SERVICE MANUAL REVISION	No: TSB-15-52B-002
	DATE: January, 2015
	MODEL: 2014-15 Mirage

CIRCULATE TO:	[ ] GENERAL MANAGER	[ ] PARTS MANAGER	[ ] TECHNICIAN
[ ] SERVICE ADVISOR	[ ] SERVICE MANAGER	[ ] WARRANTY PROCESSOR	[ ] SALES MANAGER

PURPOSE

This TSB corrects page references listed in DTC B1408 & B1409 troubleshooting.

AFFECTED VEHICLES

2014-2015 Mirage

AFFECTED SERVICE MANUALS

2014-2015 Mirage Service Manual: Group 52B Supplemental Restraint System (SRS) -> Diagnosis ->Diagnostic Trouble Code Procedures:

DTC B1408 - Front Impact Sensor (RH) Communication Error
DTC B1409 - Front Impact Sensor (RH) Communication Impossible

Continued

Please make the indicated changes to the 2014 -15 Mirage Service Manual: Group 52B - Supplemental Restraint -> SRS Air Bag Diagnosis -> Diagnostic Trouble Code Procedures <SRS-ECU>:

DTC B1408 - Front Impact Sensor (RH) Communication Error
DTC B1409 - Front Impact Sensor (RH) Communication Impossible

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SRS AIR BAG DIAGNOSIS

DIAGNOSIS

STEP 1. Using scan tool (M.U.T.-III), diagnose the CAN bus line.

⚠ CAUTION
To prevent damage to scan tool (M.U.T.-III), always turn the ignition switch to the "LOCK" (OFF) position before connecting or disconnecting scan tool (M.U.T.-III).

(1) Connect scan tool (M.U.T.-III). Refer to "How to connect the scan tool ."
(2) Turn the ignition switch to the "ON" position.
(3) Diagnose the CAN bus line.
(4) Turn the ignition switch to the "LOCK" (OFF) position.

Q: Is the CAN bus line found to be normal?

YES : Go to Step 2.
NO : Repair the CAN bus line (Refer to GROUP 54C, Diagnosis). Then go to Step 2.

STEP 2. Recheck for diagnostic trouble code.

Check again if the DTC is stored.
(1) Erase the DTC.
(2) Turn the ignition switch to the "ON" position.
(3) Check if the DTC is stored.
(4) Turn the ignition switch to the "LOCK" (OFF) position.

Q: Is the DTC stored?

YES : Go to Step 3.
NO : There is an intermittent malfunction such as poor engaged connector(s) or open circuit (Refer to GROUP 00, How to Cope with Intermittent Malfunction).

STEP 3. Check the front impact sensor (RH).

(1) Check that the negative battery terminal is disconnected. If the negative battery terminal is connected, disconnect it.
(2) Alternate the front impact sensor (RH) and the front impact sensor (LH), and then install the alternated sensor.
(3) Connect the negative battery terminal.
(4) After erasing the DTC memory, check the DTC again.
(5) Disconnect the negative battery terminal.

Q: Is DTC B1408 or B1409 stored?

YES : Replace the front impact sensor (RH) with a new one. (Refer to).
NO : Go to Step 4.

<2014MY>
<Correct>
P.52B-229
<Incorrect>
~~P.52B-259~~
<2015MY>
<Correct>
P.52B-226
<Incorrect>
~~P.52B-255~~

STEP 4. Check of short to power supply, short to ground, and open circuit in FRH-, FRH+ line between SRS-ECU connector and front impact sensor (RH) connector.

Q: Is the check result normal?

YES : Go to Step 5.
NO : Repair the wiring harness.