



Technical Service Bulletin

SUBJECT: CORRECTIONS TO SRS AIR BAG DIAGNOSIS FOR DTC B1631 - SERVICE MANUAL REVISION		No: TSB-19-52B-006	
		DATE: June 2019	
		MODEL: 2011-18 Outlander Sport/RVR	
CIRCULATE TO:	☐ GENERAL MANAGER	☒ PARTS MANAGER	☒ TECHNICIAN
☒ SERVICE ADVISOR	☒ SERVICE MANAGER	☐ WARRANTY PROCESSOR	☐ SALES MANAGER

PURPOSE

This TSB updates the Supplemental Restraint System (SRS) section of the affected Service Manuals to correct minor errors in the diagnosis for DTC B1631.

AFFECTED VEHICLES

- 2011 - 2018 Outlander Sport/RVR

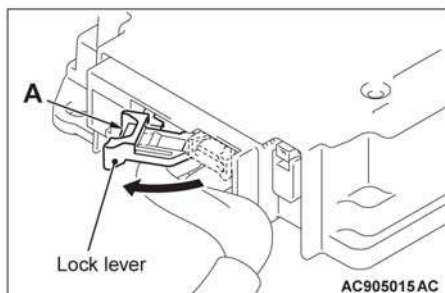
AFFECTED SERVICE MANUALS

- 2011 - 2018 Outlander Sport/RVR Service Manual, Group 52B-Supplemental Restraint System (SRS)



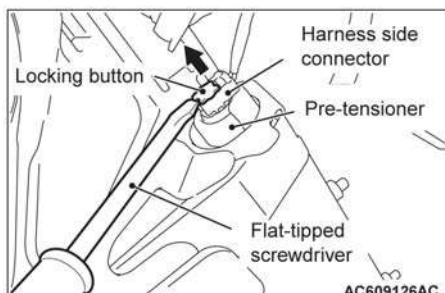
Please make the indicated changes to the 2011 - 2018 Outlander Sport/RVR Service Manuals, Group 52B-Supplemental Restraint System (SRS) -> SRS Air Bag Diagnosis -> Diagnostic Trouble Code Procedures -> DTC B1631: Driver's Knee Air Bag (Squib) System (Short Circuit Between Squib Circuit Terminals):

SUPPLEMENTAL RESTRAINT SYSTEM (SRS) SRS AIR BAG DIAGNOSIS



STEP 3. Check SRS-ECU connector C-126 and Knee air bag module connector C-223.

- (1) Disconnect the negative battery terminal.
- (2) While pushing the part "A" indicated in the figure of the harness side connector, turn the lock lever to the direction of the arrow to release the lock lever. After disconnecting the C-126 SRS-ECU connector, connect it again.



- (3) Disconnect C-223 driver's knee air bag module harness side connector, and then reconnect it. Use a flat-tipped screwdriver to pull out the connector locking button toward the arrow direction, release the lock, and then disconnect the connector.
- (4) Connect the negative battery terminal.
- (5) Erase the diagnostic trouble code memory, and check the diagnostic trouble code.

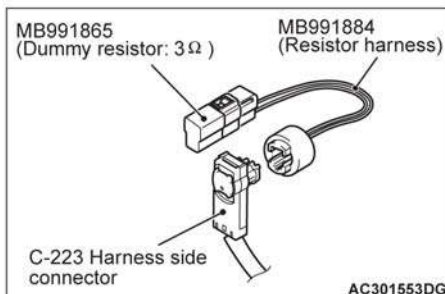
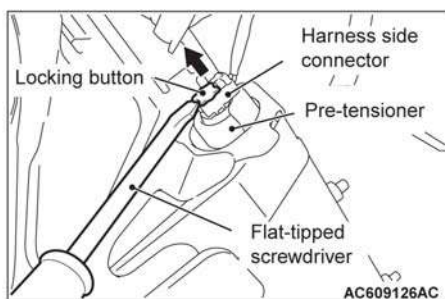
Q: Is DTC B1631 set?

YES : Go to Step 4.

NO : The procedure is complete. It is assumed that DTC B1631 set because connector C-126 or C-223 was engaged improperly.

STEP 4. Check the knee air bag module.

- (1) Disconnect the negative battery terminal.
- (2) Disconnect knee air bag module connector C-223. Use a flat-tipped screwdriver to unlock the locking button at the harness side connector by withdrawing it toward you in two stages, and then disconnect the connector.



- (3) Connect special tool MB991865 to special tool MB991884.
- (4) Connect the resistor harness to the C-223 harness side connector.
- (5) Connect the negative battery terminal.
- (6) Erase diagnostic trouble code memory, and then check the diagnostic trouble code.

Q: Is DTC ~~B1C36~~ B1631 set?

YES : Go to Step 5.

NO : Replace the driver's knee air bag module (Refer to P.52B-382. Then go to Step 7.

B1631 <Correct>

**SUPPLEMENTAL RESTRAINT SYSTEM (SRS)
SRS AIR BAG DIAGNOSIS**

STEP 6. Check the harness for short circuit between SRS-ECU connector C-126 (terminal No.1 and 2) and knee air bag module connector C-223 (terminal No.1 and 2).

Q: Is the check result normal?

YES : Go to Step 7.

NO : Repair the harness wires between SRS-ECU connector C-126 and knee air bag module connector C-223. Then go to Step 7.

STEP 7. Recheck for diagnostic trouble code.

Check again if the DTC is set.

(1) Erase the DTC.

(2) Turn the ignition switch to the "ON" position.

(3) Check if the DTC is set.

(4) Turn the ignition switch to the "LOCK" (OFF) position.

Q: Is DTC ~~B1C36~~ set?

YES : Return to Step 1.

NO : The procedure is complete.

<Correct>

B1631

<Incorrect>