



NUMBER: 08-036-20

GROUP: 08 - Electrical

DATE: March 12, 2020

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SUBJECT:

Auto High Beam Feature Inoperable

OVERVIEW:

This bulletin involves adding a sensor, switch and a jumper wiring harness.

MODELS:

2018 - 2019 (M6) Jeep Compass

NOTE: This bulletin applies to vehicles within the following markets/countries: APAC (Japan Only).

NOTE: This bulletin applies to vehicles built on or after January 06, 2018 (MDH 0106XX) and on or before March 29, 2019 (MDH 0329XX) equipped with Auto High Beam Headlamp Control (Sales Code LMS).

SYMPTOM/CONDITION:

The customer may describe the following:

- The auto high beam feature is inoperable.

DIAGNOSIS:

If the customer describes the symptom/condition listed above, read the Caution statement below before performing the Repair Procedure.

CAUTION! This Service Bulletin requires to change the Sales Code on the FCA server before performing the Repair Procedure. Dealers need to get a wiTECH custom report (report with all the items marked and saved) before starting the Repair Procedure and use eCONTACT to request the Sales Code change. This process will take about two weeks to change the Proxy data. Failure to do so may result in an incomplete repair.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68230114AB	Sensor
1	68490927AA	Jumper Harness
1	6BT88LXHAC	Headlight Switch

REPAIR PROCEDURE:

1. Was the Sales Code change requested through eCONTACT?
 - YES>>> Proceed to [Step 2](#) of the Repair Procedure.
 - NO>>> **Do not Proceed to Step 2** of the Repair Procedure. Obtain a wiTECH custom report (report with all the items marked and saved) before starting the Repair Procedure and use eCONTACT to request the Sales Code change. **This process will take about two weeks to change the Proxy data.**
2. Disconnect and isolate the negative battery cable.
3. Remove the left side A-pillar trim. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Interior/Panel, A-Pillar Trim/Removal.
4. Remove the defroster and disconnect the sun sensor connector. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Instrument Panel/Grille, Defroster/Removal.
5. Remove the glovebox. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Instrument Panel/Glove Box, Instrument Panel/Removal.
6. Using the jumper wiring harness, connect one end of the jumper harness to cavity number one (L24) on the sun sensor connector ([Fig. 1](#)) .

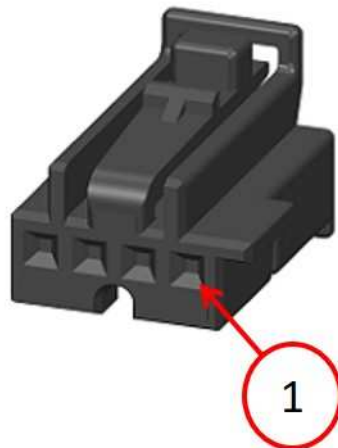


Fig. 1
Sun Sensor Connector D1561A

7. Route the jumper wire harness from the sun sensor connector D1561A, to the Heating, Ventilation and Air Conditioning (HVAC) control module connector D3828A behind the Instrument Panel (IP) (Fig. 2) .

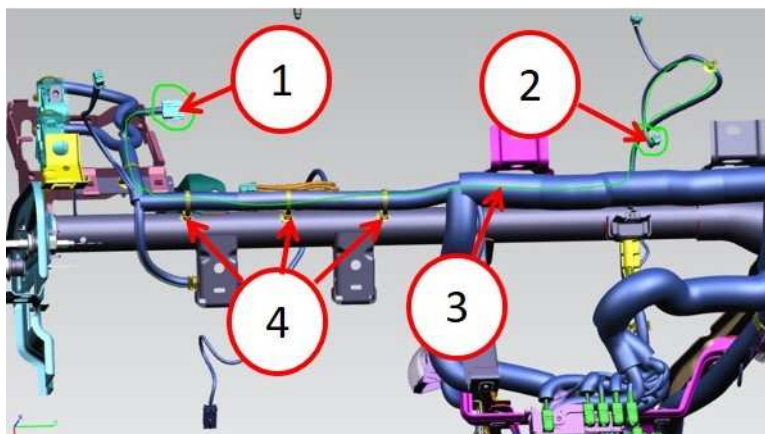


Fig. 2
Jumper Wire Harness Routing

- 1 – HVAC Control Module Connector D3828A
- 2 – Sun Sensor Connector D1561A
- 3 – Headlamp Wire Harness
- 4 – Tie Straps

8. Secure the jumper wire harness to the headlamp wire harness with three 150 mm length (6 in.) by 3 mm (.011) wide tie straps (Fig. 2) .
9. Connect the other end of the jumper wiring harness to cavity number one (F944) on the HVAC control module connector D3828A (Fig. 3) .

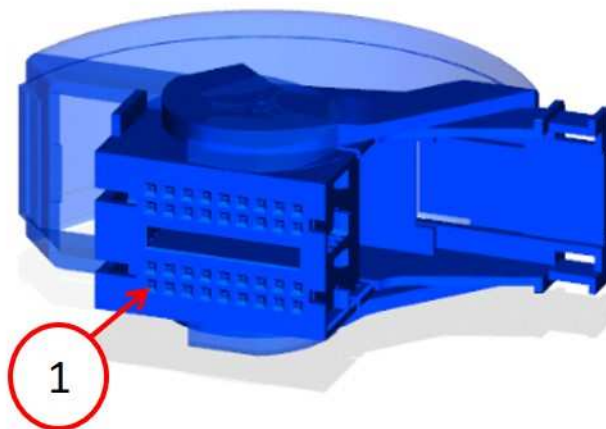


Fig. 3
HVAC Control Module Connector D3828A

- 1 – HVAC Control Module Connector Cavity One (F944)

10. Replace the sun sensor with the new sensor. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>24 - Heating and Air Conditioning/ Controls/Sensor, Sun/Removal and Installation.
11. Replace the headlamp switch with the new headlamp switch. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>08 - Electrical/8L - Lamps and Lighting/Lamps/Lighting - Exterior/Switch, Headlamp/Removal and Installation.

12. Install the glovebox. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Instrument Panel/Glove Box, Instrument Panel/Installation.
13. Install the defroster and connect the sun sensor connector. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Instrument Panel/Grille, Defroster/Installation.
14. Install the left side A-pillar trim. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>23 - Body/Interior/Panel, A-Pillar Trim/Installation.
15. Connect the negative battery cable.
16. Using wiTECH perform restore vehicle configuration and proxi alignment to enable "auto headlamp".
17. Clear any Diagnostic Trouble Codes (DTCs) that may have been set.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-94-LC-90	Harness, Sensor, Switch Jumper Wire - Install (2 - Skilled)	6 - Electrical and Body Systems	1.6 Hrs.

FAILURE CODE:

ZZ	Service Action
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