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GROUP: Electrical

DATE: March 24, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-005-17, DATED JANUARY 21, 2017, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE THE ADDITION OF LATAM AND EMEA MARKETS AS WELL AS INTERNATIONAL AND PUERTO RICO/VIRGIN ISLANDS WARRANTY BULLETIN NUMBERS.**

FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

SUBJECT:

Clockspring Replacement (X68 Warranty Extension)

OVERVIEW:

This bulletin involves diagnosing the clockspring/Steering Angle Sensor (SAS).

If the diagnostic tests indicate the clockspring/SAS requires replacement, replace the clockspring, upper and lower steering column shrouds and steering wheel back cover.

MODELS:

2011 - 2016 (JK) Jeep Wrangler

NOTE: This bulletin applies to vehicles within the following markets/countries:
NAFTA, APAC, ****LATAM and EMEA****.

NOTE: This bulletin applies to left hand drive vehicles built on or after February 16, 2010 (MDH 0216XX) and before May 02, 2016 (MDH 0502XX).

SYMPTOM/CONDITION:

Some customers may experience the illumination of the airbag warning lamp or traction control indicator lamp. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs) have been set:

- B1B00 - Driver Airbag Squib 1 Circuit Low.
- B1B01 - Driver Airbag Squib 1 Circuit High.
- B1B02 - Driver Airbag Squib 1 Circuit Open.
- B1B03 - Driver Airbag Squib 1 Circuit Shorted Together.
- B1B04 - Driver Airbag Squib 2 Circuit Low.
- B1B05 - Driver Airbag Squib 2 Circuit High.
- B1B06 - Driver Airbag Squib 2 Circuit Open.

- B1B07 - Driver Airbag Squib 2 Circuit Shorted Together.
- C123F - Steering Angle Sensor Comparative Performance.
- C1219 - Steering Angle Sensor Erratic Performance.
- C2205 - Steering Angle Sensor Internal.
- P0579 - Speed Control Multiplexed Switch #1 Performance.
- P0581 - Speed Control Multiplexed Switch #1 High.
- P0591 - Speed Control Multiplexed Switch #2 Performance.
- P0593 - Speed Control Multiplexed Switch #2 High.
- U1109 - Lost Communication With Lin Steering Wheel Controls.

DIAGNOSTIC PROCEDURE:

1. Were any DTCs listed in this bulletin found and the diagnostic procedures available in DealerCONNECT followed for the DTCs found?
 - a. YES >>> Continue to the Repair Procedure [Step #1](#).
 - b. NO >>> This bulletin does not apply. Normal diagnosis should be performed.

PARTS REQUIRED:

Qty.	Part No.	Description
1	CBAES402AA	Clockspring Installation Package
1	CBAES404AA	Clockspring, Assembly

NOTE: In some cases the clockspring may be requested to be returned to the Quality Return Center. Dealers are advised to follow the Warranty Parts Return Documentation procedure per the Warranty Administration Manual and hold all parts until the claim is paid and the disposition is established.

REPAIR PROCEDURE:

NOTE: Vehicles that are equipped with Thatcham Security Equipment (Sales Code LS9) must reuse the lower steering column shroud.

1. Replace the clockspring, upper and lower steering column shrouds and steering wheel back cover. Refer to the detailed service procedures available in DealerCONNECT > TechCONNECT > 10 - Restraints > Clockspring, removal and installation.
2. Connect the wiTECH to the vehicle and clear all DTCs that may have been set in any module.

POLICY:

Reimbursable within the provisions of the warranty.

NOTE: Vehicles included in this Service Bulletin have a 15 Year, Unlimited Miles/Kilometers Warranty for this repair. See Warranty Bulletins: U.S. D-17-01, Canada SAB 2017-03, **International ID-17-04, Puerto Rico/Virgin Islands ID-17-03** and Mexico is BG-002-17 for details associated with the warranty extension.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
19-85-25-F9	Replace Airbag Clockspring (2 - Skilled)	0.6 Hrs.

NOTE: A copy of the Vehicle Scan Report (VSR) from wiTECH 1 or 2 to show the DTC found prior to the repair, MUST be attached to the claim.

NOTE: Refer to Warranty Bulletin D-16-23 for claims processing requirements.

FAILURE CODE:

ZZ	Service Action
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