



NUMBER: 08-120-15

GROUP: Electrical

DATE: December 05, 2015

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THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Intermittent No Start And/Or Instrument Cluster 4WD Indicator Lamp Illuminated

OVERVIEW:

This bulletin involves inspecting the wire harness for chafing and repairing or replacing the harness as necessary.

MODELS:

2014 - 2016 (KL)

Jeep Cherokee

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

NOTE: This bulletin applies to vehicles built on or before May 27, 2015 (MDH 0527XX) equipped with 2.4L Engine (Sales Code ED6 or ED8).

SYMPTOM/CONDITION:

The customer may describe the instrument cluster 4WD indicator lamp is illuminated and/or an intermittent no start condition.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify that no Diagnostic Trouble Codes (DTCs) are set. If DTCs are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68165481AD	Wiring, Transmission (2014, LHD, FWD)
1 (AR)	68192600AD	Wiring, Transmission (2014, LHD, 4WD)
1 (AR)	68210843AB	Wiring, Transmission (2014, RHD, FWD)
1 (AR)	68210844AB	Wiring, Transmission (2014, RHD, 4WD)
1 (AR)	68241721AA	Wiring, Transmission (2015, LHD, FWD)
1 (AR)	68241722AA	Wiring, Transmission (2015, LHD, 4WD)
1 (AR)	68241723AA	Wiring, Transmission (2015, RHD, FWD)
1 (AR)	68241724AA	Wiring, Transmission (2015, RHD, 4WD)
1 (AR)	68270152AB	Wiring, Transmission (2016, LHD, FWD)
1 (AR)	68270153AB	Wiring, Transmission (2016, LHD, 4WD)
1 (AR)	68270154AB	Wiring, Transmission (2016, RHD, FWD)
1 (AR)	68270155AB	Wiring, Transmission (2016, RHD, 4WD)
(AR)	68065586AA	Tape, Wire Harness (or equivalent)

NOTE: Wire harness tape is considered shop supply, Not on Claim).

REPAIR PROCEDURE:

1. Follow the transmission wire harness from the Power Distribution Center (PDC) towards the transmission (1) to locate the wire harness retainer clip positioned about 12 inches from the PDC connection (Fig. 1).

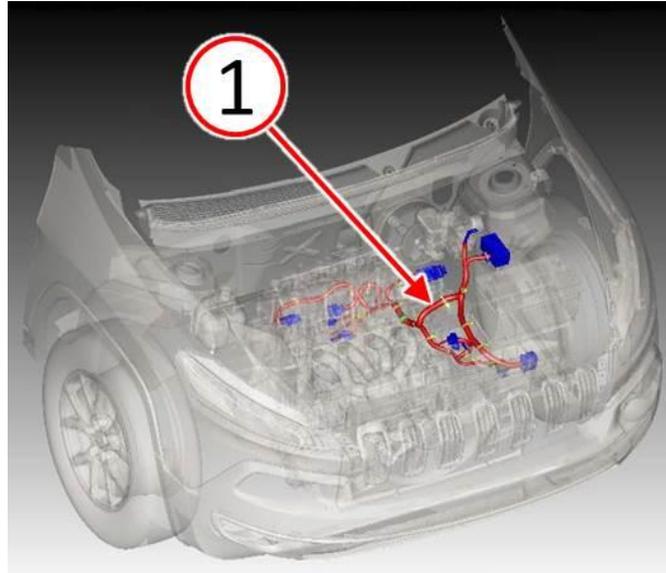


Fig. 1 Area Of Concern

1 - Possible Contact Area

2. Near the transmission harness retainer clip location, inspect for any contact (1) between the transmission shift cable bracket (3) and the transmission electrical harness (2) (Fig. 1).

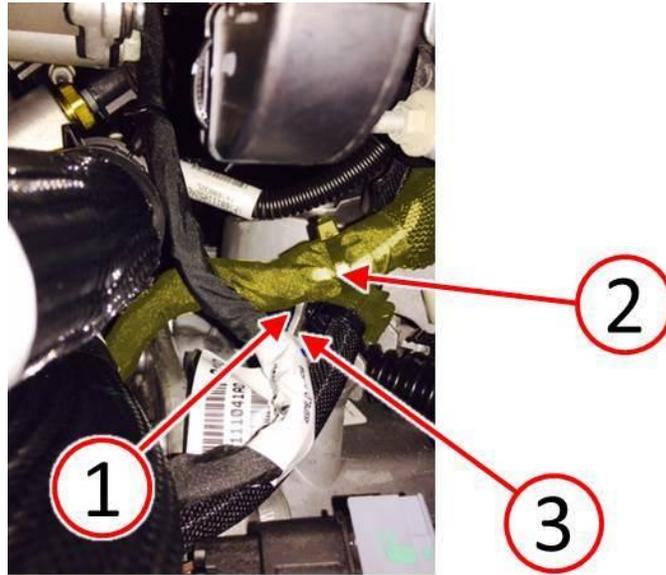


Fig. 2 Inspect For Harness Contact

- 1 - Contact Between Wire Harness And Bracket
 - 2 - Transmission Electrical Harness
 - 3 - Transmission Shift Cable Bracket
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3. Inspect the transmission electrical harness for any chafing damage (1) at the point of contact between the electrical harness and the shift cable bracket (Fig. 3).
 - If the transmission harness copper wires are exposed (1) or damaged due to chafing, replace the harness (Fig. 3). Continue to Step #4.
 - If the transmission harness copper wires are not exposed or damaged, repair the harness outer covering (2) with tape if needed (Fig. 3). Then proceed to Step #5.
4. If the transmission harness wires are exposed (1) due to chafing, replace the harness (Fig. 3).



Fig. 3 Inspect For Harness Damage

- 1 - Wires Exposed And Damaged Due To Chafing
 - 2 - Harness Covering Separation No Wire Damage
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- Relocate the transmission electrical harness (1) from the previous clipping location (3) to the new clipping location (2) on the battery positive cable in order to prevent harness chafing (Fig. 4).

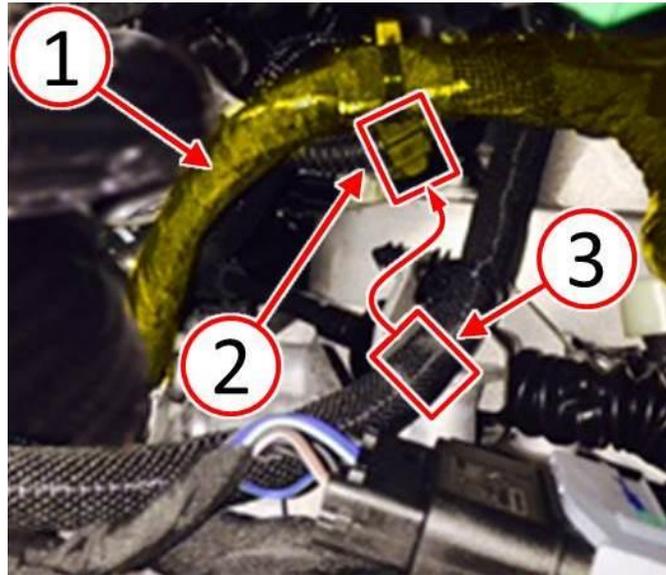


Fig. 4 New Harness Clipping Location

- 1 - Transmission Electrical Harness
- 2 - New Clipping Location
- 3 - Previous Clipping Location

- Clear any DTCs that may have been set due to wire chafing.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-90-99-95	Wiring Harness, Transmission - Inspect and Relocate Wiring Harness (2 - Skilled)	6 - Electrical and Body Systems	0.2 Hrs.
08-90-99-96	Wiring Harness, Transmission - Inspect / Replace and Relocate Wiring Harness (4x2 Only) Includes Skid Plate (2 - Skilled)	6 - Electrical and Body Systems	2.4 Hrs.
08-90-99-97	Wiring Harness, Transmission - Inspect / Replace and Relocate Wiring Harness (4x4 Only) Includes Skid Plate (2 - Skilled)	6 - Electrical and Body Systems	3.8 Hrs.

FAILURE CODE:

ZZ	Service Action
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