

REFERENCE:	TSB: 08-165-23 GROUP 08 - Electrical	Date:	July 13, 2023	REVISION:	-
VEHICLES AFFECTED:	2022 (MP) Jeep Compass This bulletin applies to vehicles equipped with a 360 Surround View Camera System (Sales Code XAK).			MARKET APPLICABILITY: <input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input checked="" type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH	
CUSTOMER SYMPTOM:	The customer may describe the following: <ul style="list-style-type: none"> Radio screen flickers in blue whenever the 360 camera is activated and brake pedal pressed. 				
CAUSE:	Electromagnetic interference between the coax cable and power feed circuits within the Instrument Panel (IP) harness.				

REPAIR SUMMARY:

This bulletin involves installing a coax cable jumper harness.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
08-19-90-9A	Harness, Jumper Coax Cable, Replace (2 - Skilled)	6 - Electrical and Body Systems	0.7 Hrs.
Failure code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1	68632387AA	Jumper, Harness 360 Camera	-

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

REPAIR PROCEDURE:

1. Remove the radio display screen. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 23 - Body / Instrument Panel / Bezel, Instrument Panel, Center / Removal.
2. Remove the air ducts that are located behind the display screen (Fig. 1) .

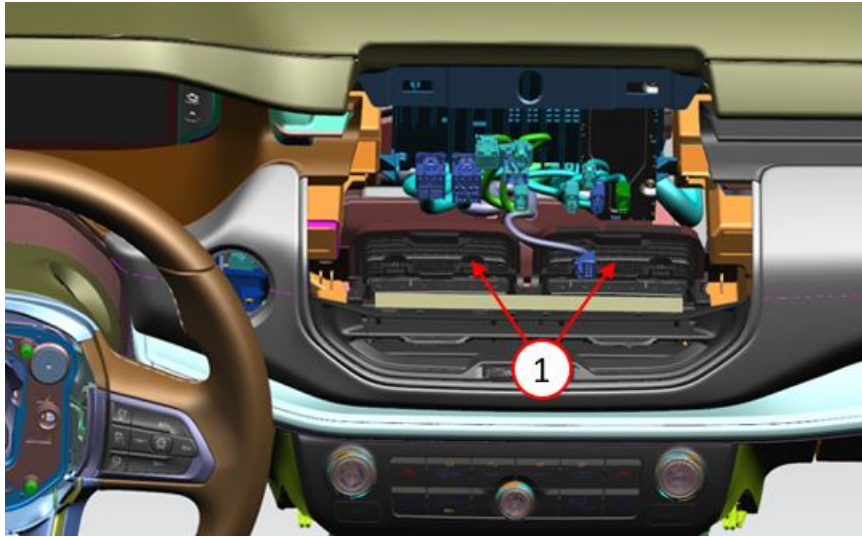


Fig. 1
Air Duct Location

1 - Air Ducts

3. Remove the panel under the steering column. DealerCONNECT> Service Library under: Service Info> 23 - Body / Instrument Panel / cover, Steering Column Opening / Removal.
4. Disconnect the coax connector D2999F (pink) from the back of the Central Vision Processing (CVPM) (Fig. 2) .

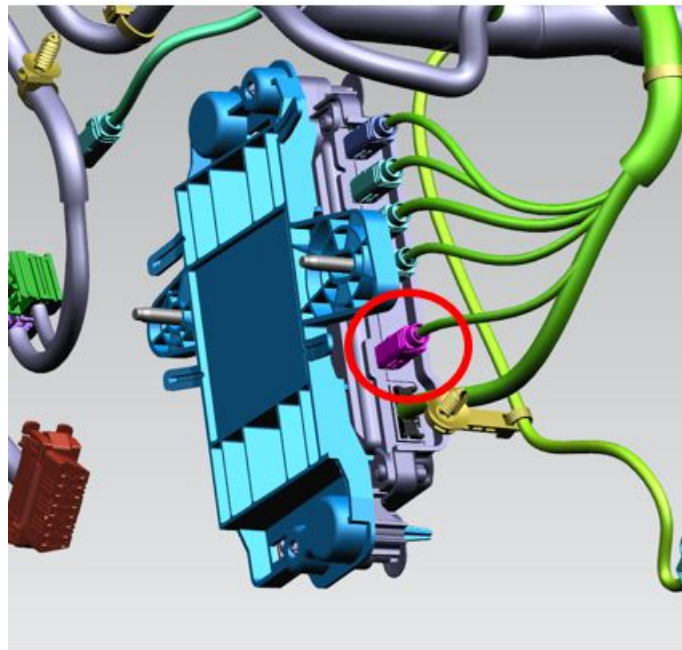


Fig. 2
Coax Connector Location on CVPM

5. Disconnect the coax connector D2784N (red) from the back of the radio (Silverbox) (Fig. 3) .

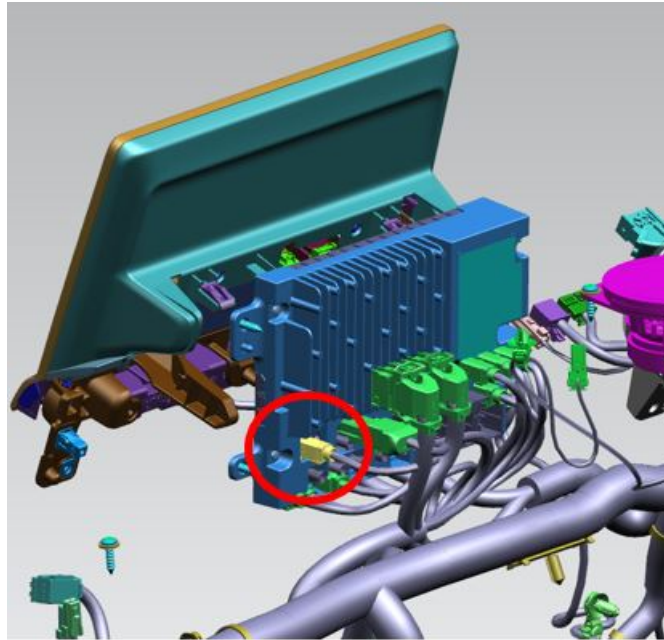


Fig. 3
Coax Connector Location on Radio

6. Tape the original pink and red coax connectors to the main harness.
7. Connector D2784N (red) to the radio and run the new jumper harness (P/N 68632387AA) through the hole on the left side of the Instrument Panel (IP) next to the main harness (Fig. 4) .

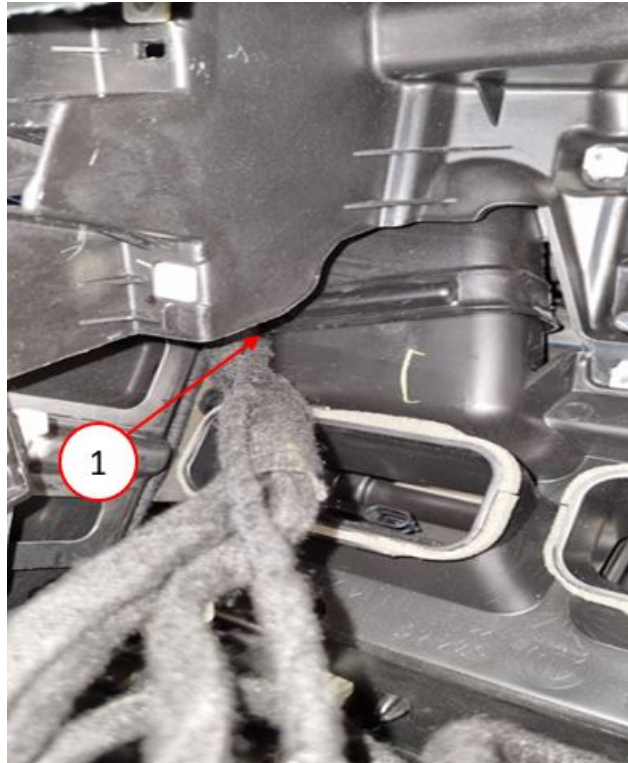


Fig. 4
Jumper Harness Pass Through

1 - Run Jumper Harness Through This Opening

NOTE: Make sure this jumper is loose and not trapped with any other component. The jumper must not be taut and/or in hard contact with sharp edges.

8. Pass the pink coax connector between the IP crossbeam and air ducts and have it reach the area near the gas and brake pedals.
9. Connect D2999F (pink) coax connector into its port in the CVPM.
10. Check if D2999A (black) connector is properly connected to the CVPM. This connector is located next to D2999F (pink) coax connector (Fig. 5) .

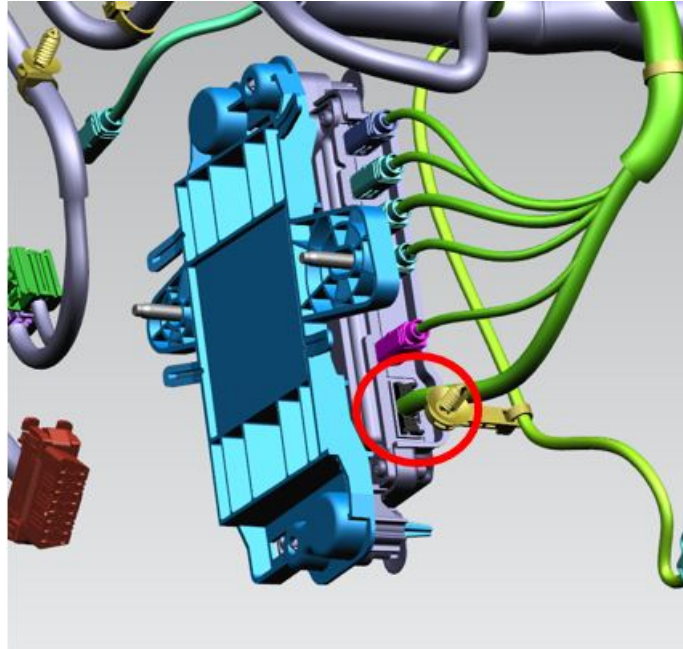


Fig. 5
Black Connector Location

11. Secure the jumper harness to the main harness using electrical tape or zip ties.
12. Install the air ducts that are located behind the display screen.
13. Install the radio display screen. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 23 - Body / Instrument Panel / Bezel, Instrument Panel, Center / Installation.
14. Install the panel under the steering column. DealerCONNECT> Service Library under: Service Info> 23 - Body / Instrument Panel / cover, Steering Column Opening / Installation.

POLICY:

Reimbursable within the provisions of the warranty.

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