TB-19-12-01.01

Type: Technical Service Bulletin
Year: 2019
System: Engine (12)
Sequence: 01
First Release Rev: 0.1

Title: Back-up Camera Overlay Harness Installation

Applicability: MY18 Revero
Market Region: All

PRIORITY: If vehicle exhibits the issue

PURPOSE:
In some instances, the vehicle's back-up camera may stop operating. This condition may be due to water intrusion into the connectors of the back-up camera harness. To resolve this concern, this bulletin explains how to install an improved back-up camera harness design which features water proof connectors that will prevent water ingress.

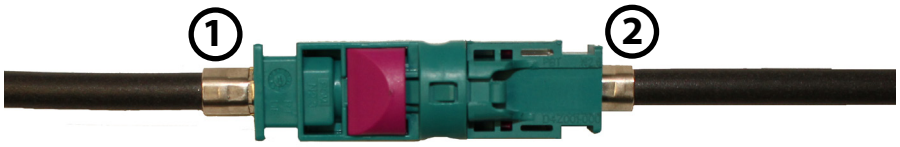
When this condition presents itself, order kit P/N C161195000300. The kit contains both cables, as shown below.

Ⓐ Fascia Overlay Harness



Ⓑ Body Overlay Harness







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Installation Procedure:

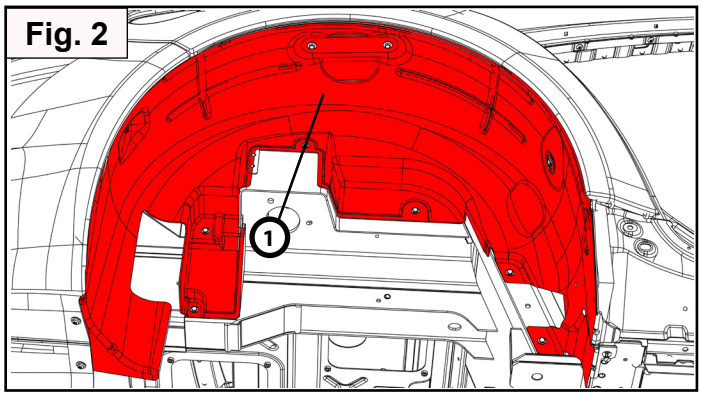
1. Remove the rear fascia by referring to the service information (Fig. 1).

Fig. 1



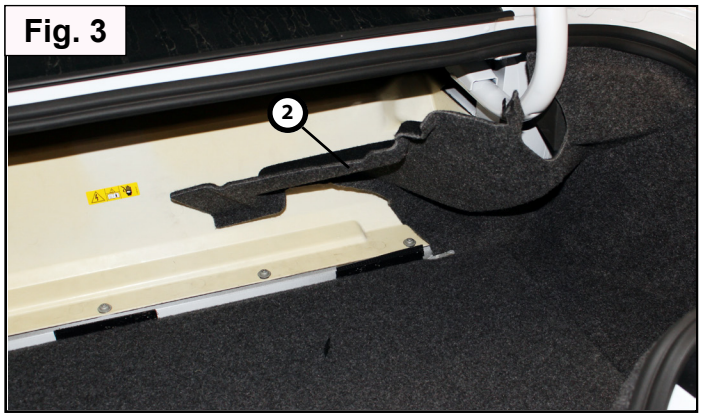
2. Remove the right rear wheel well liner (1) (Fig. 2).

Fig. 2



3. Open the trunk and pulll back the carpet (2) from the right side of the trunk (Fig. 3).

Fig. 3



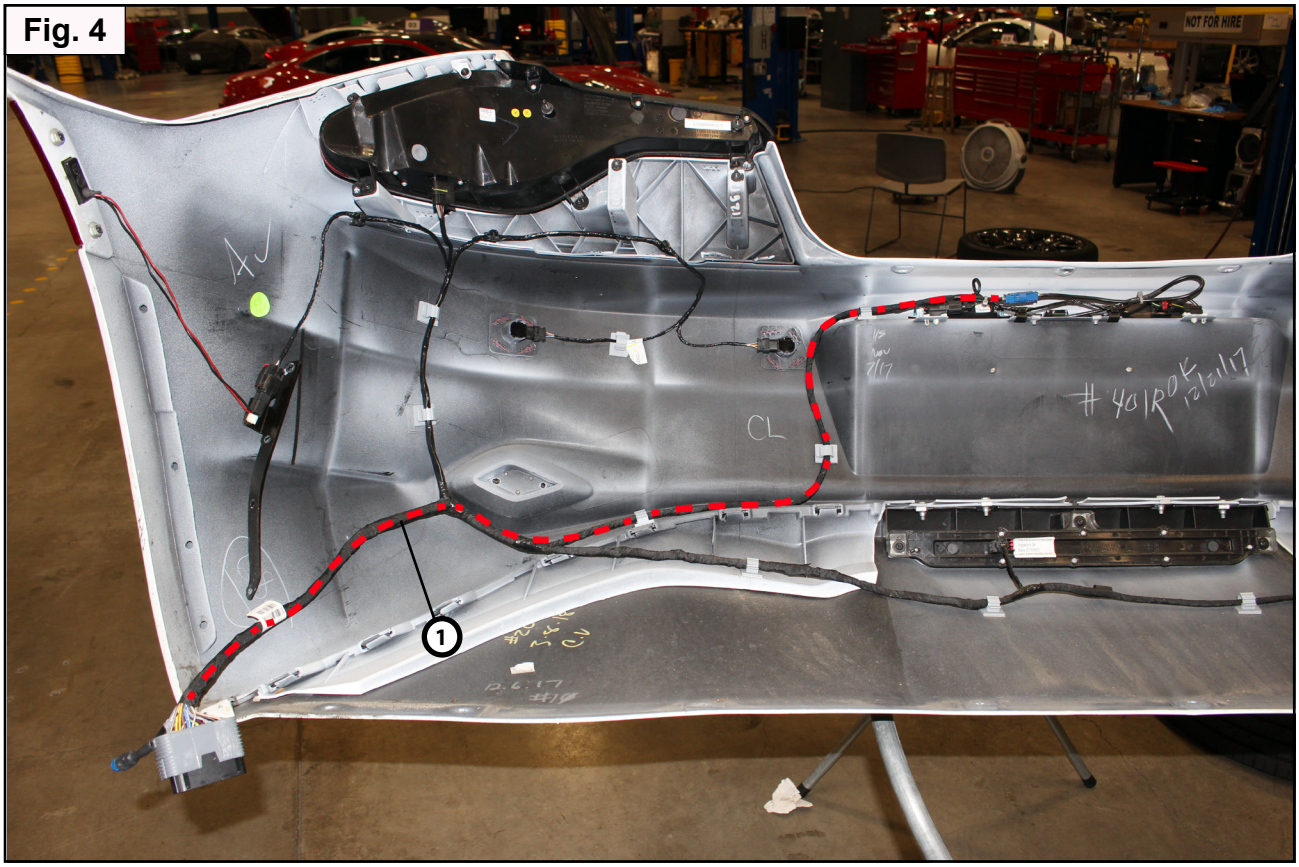
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4. Examine Figure 4 to determine how to route the Fascia Overlay Harness (A) over the harness bundle (1) on the rear fascia.

Fig. 4



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5. Route the Fascia Overlay Harness (A) as shown in Figure 5.
6. Secure the Fascia Overlay Harness (A) to the harness bundle as follows:
   - Use cable ties at mounting locations 1, 2, 3 and 4.
   - Reuse the existing mounting hardware for the harness bundle at mounting positions 5, 6, and 7.

Fig. 5

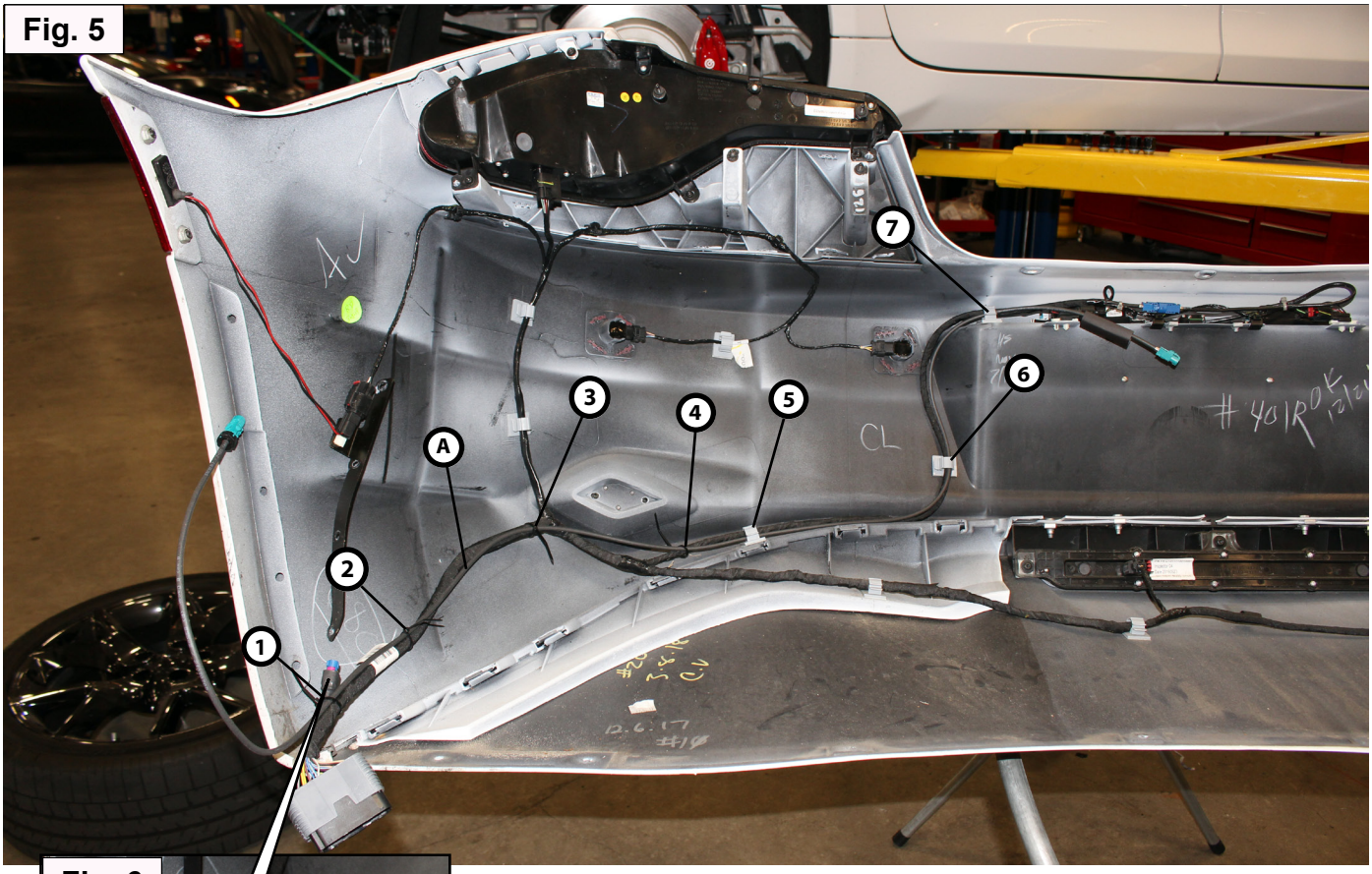
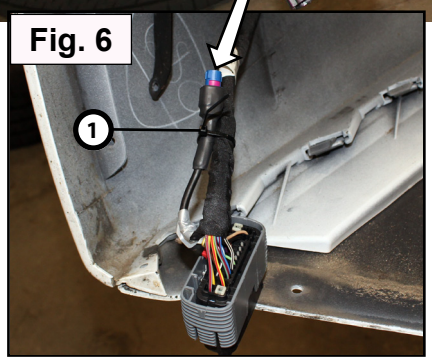


Fig. 6



NOTE: Make sure to secure the original back-up camera harness connector to the harness bundle at mounting location 1, as shown in Figure 6.

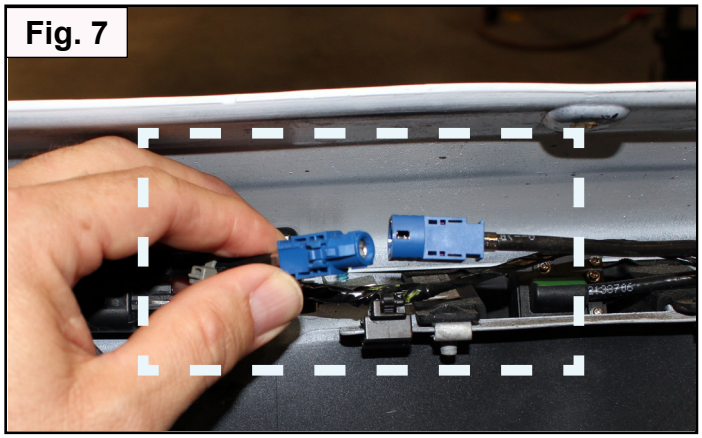
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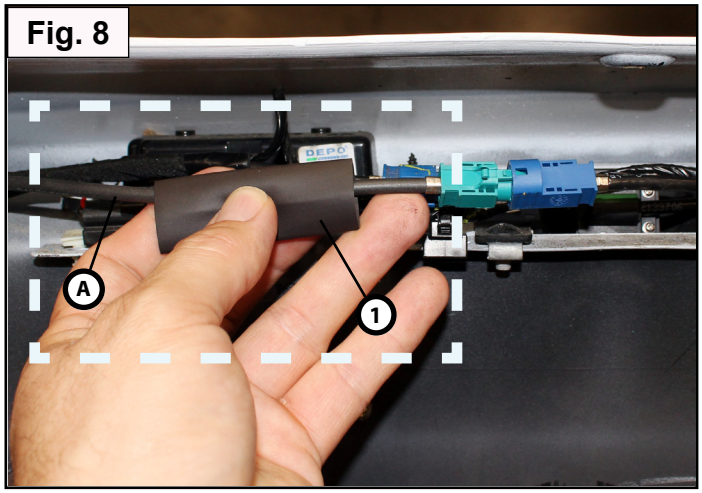
7. Disconnect the male and female back-up camera connectors from each other (Fig. 7).

Fig. 7



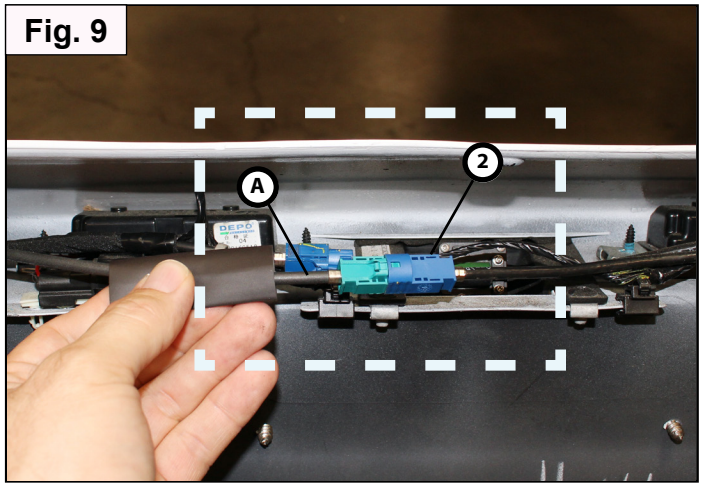
8. Slide an appropriately sized shrink tube (1) into the end of the Fascia Overlay Harness (A) closest to the camera, as shown in Figure 8.

Fig. 8



9. Connect the male Fascia Overlay Harness (A) connector to the female back-up camera connector (2), as shown in Figure 9.

Fig. 9



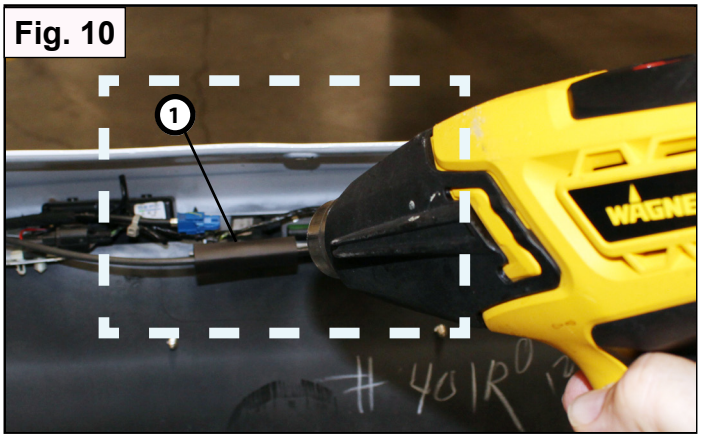
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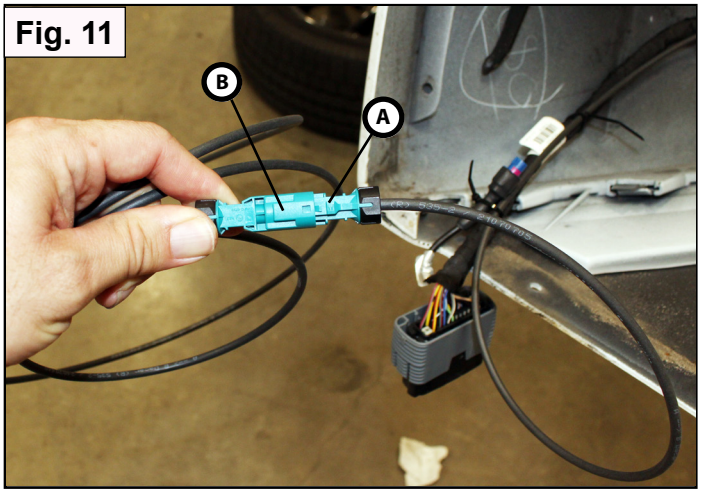
10. Slide the shrink tube (1) over both connectors and use a heat-gun to tightly shrink the tube around the connectors (Fig. 10).

Fig. 10



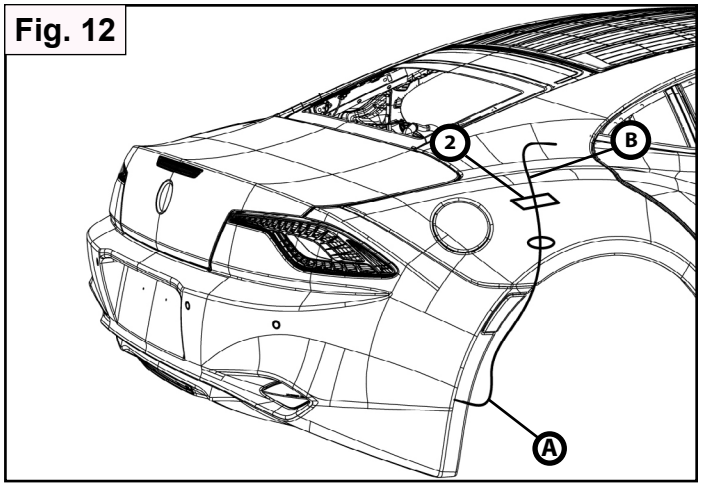
11. Connect the Fascia Overlay Harness connector (A) to the Body Overlay Harness connector (B), as shown in Figure 11.

Fig. 11



12. Carefully route the Fascia Overlay Harness (A) and the Body Overlay Harness (B) assembly through the body grommet (2) and into the trunk compartment, as shown in Figure 12.

Fig. 12



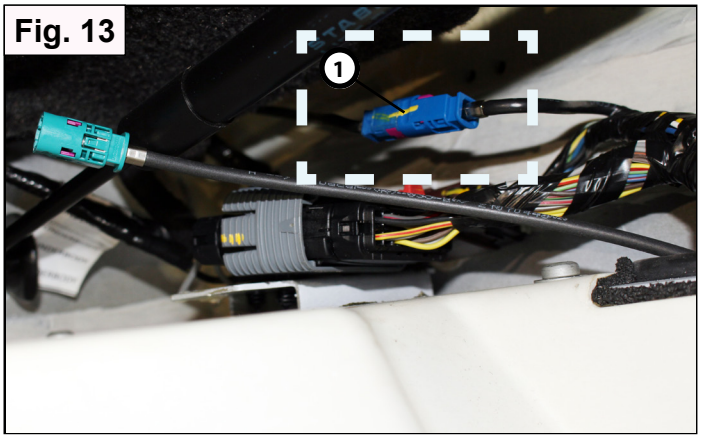
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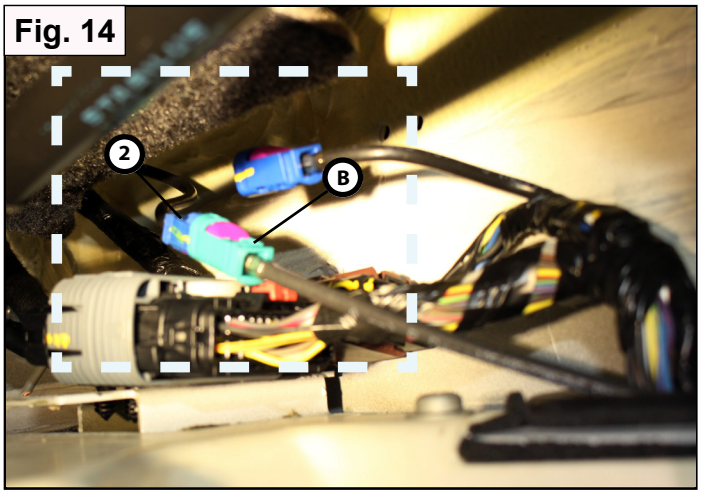
13. Disconnect the original back-up camera connector (1) in the trunk compartment (Fig. 13).

Fig. 13



14. Connect the Body Overlay Harness (B) connector to the original back-up camera connector (2), as shown in Figure 14.

Fig. 14



15. Reinstall all removed components by reversing the order of removal.

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KARMA

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PARTS REQUIRED:

PART NUMBER	DESCRIPTION	QUANTITY
C161195000300	Overlay Harness Kit	1

SHOP SUPPLIES:

DESCRIPTION
N/A

SPECIAL TOOLS:

DESCRIPTION
N/A

CAUSAL PART:

PART NUMBER	DESCRIPTION
C131190700305	Harness - Rear Fascia

LABOR CODES:

CODE	DESCRIPTION	TIME	DEFECT CODE
90-10-07-05	Rear Camera Overlay harness	0.5	90-10-07-22
70-20-31-00	Rear Fascia R&R	2.9	

SUBLET:

CODE	DESCRIPTION	AMOUNT
N/A		

WARRANTY DISPOSITION: This repair is covered under the New Vehicle Limited Warranty, in effect for five (5) years from the in-service date with no mileage limitation.

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