

5/24/2019
CAL FTL 54-003

**Subject: Enabling the Radio Mute Feature for
Lane Departure Warning on New Cascadia
Vehicles**

**Models Affected: New Cascadia vehicles with Lane Departure
Warning enabled**

Our records indicate that you are the owner of certain vehicles, and DTNA has decided to share the following documentation with you.

Please see the attached communication in this email. We hope you find this information helpful.

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Work Instructions

Subject: Enabling the Radio Mute Feature for Lane Departure Warning on New Cascadia Vehicles

Models Affected: New Cascadia vehicles with Lane Departure
Warning enabled

Instructions

1. Park the vehicle, apply the parking brakes, and shut down the engine. Chock the tires.
2. Remove the yellow and red MV3 brake control knobs by turning counterclockwise.
3. Remove the auxiliary switch panel, the Qualcomm display, the B-panel bracket, the ICU trim panels. Refer to Secion 60.06 in the *New Cascadia Workshop Manual* for instructions.
4. Remove the four screws that attach the ICU to the dash. See [Fig. 1](#).



Fig. 1, ICU Mounting Screws

5. Tilt the ICU forward and unplug the both X1 and X2 connections. See [Fig. 2](#). Place the ICU aside to prevent any damage.

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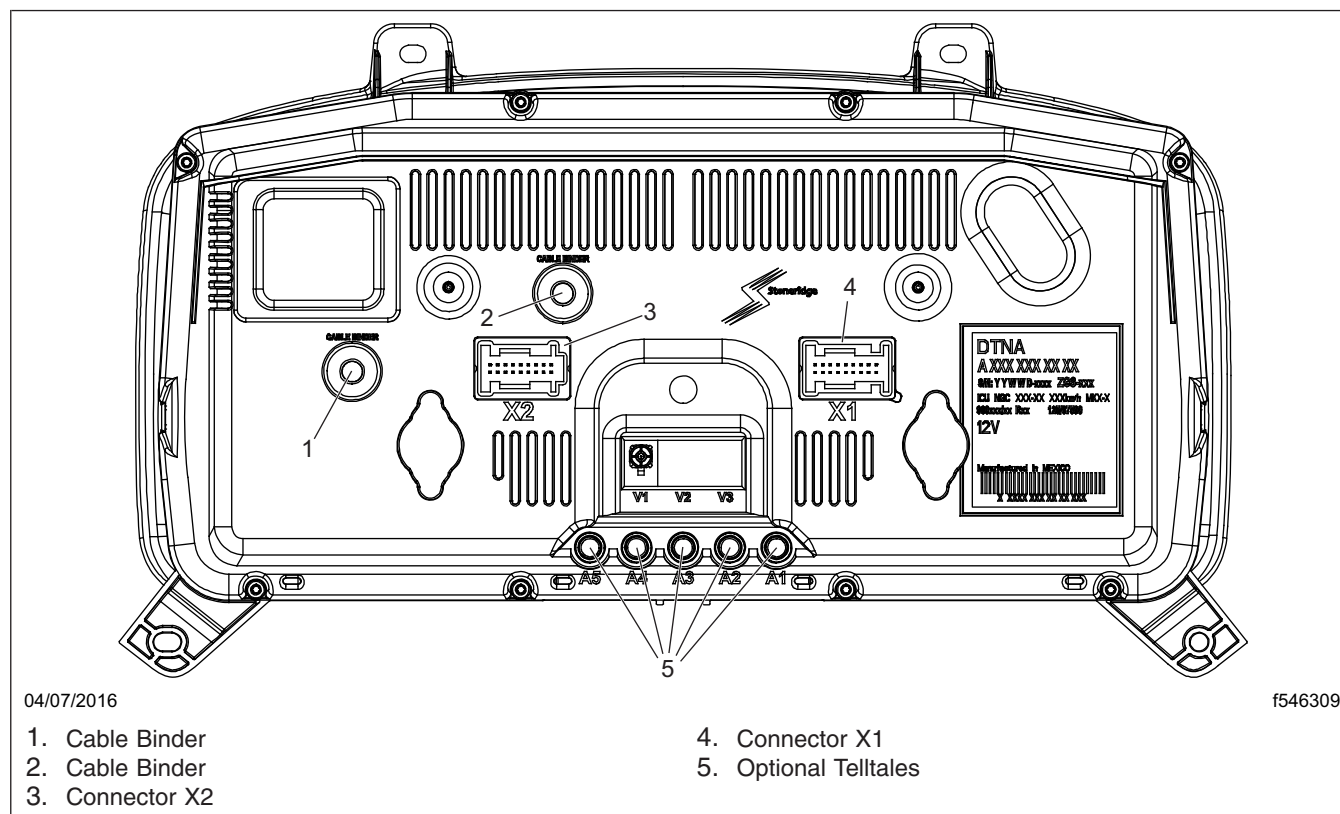


Fig. 2, ICU Connectors

6. Insert the radio removal tools into radio-assembly until they lock into place, then gently pull radio out of the mounting bracket.
7. At the back side of the stereo, unplug the radio antenna cable, the satellite antenna plug, the black main harness connection, and the blue microphone harness connections. See [Fig. 3](#). Set aside the radio to prevent any damage.

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Fig. 3, Connectors on the Reverse Side of the Radio

8. Position the A66-16877-000 harness in the dash, beginning at the radio mounting location, with the yellow connector facing outward for connection to the radio later in the procedure.
9. Add a small tie-strap to secure the yellow connector to the other radio connectors.
10. Continue to route and strap the wire along the other dash harnesses, taking the other side of the harness to the area of the ICU housing.
11. Remove the secondary pin lock from ICU connector X1.
12. Place the terminal end of the jumper harness into the connector X1, cavity 7, ensuring that it is fully locked in place. See [Fig. 4](#). Install the secondary pin lock on the connector.

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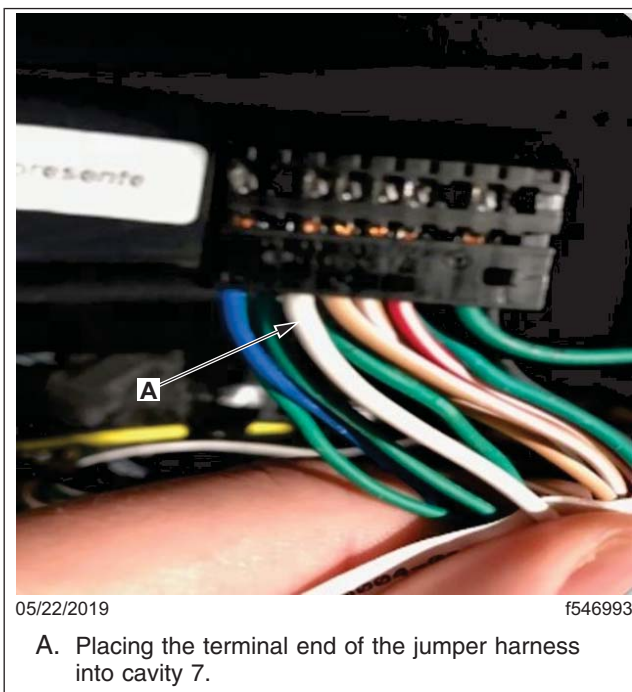


Fig. 4, ICU Connector X1

13. Install the auxiliary switch panel, the Qualcomm display, the B-panel bracket, and the ICU trim panels. Refer to Section 60.06 in the *New Cascadia Workshop Manual* for instructions.
14. Plug the harness connectors in the back of the ICU, then position the ICU in the dash. Carefully install the 4 mounting screws to avoid overtightening and possibly damaging the ICU.
15. Place the stereo near the mounting location, and plug all connectors in the back of the radio.
16. Plug the new yellow connector to the left of the blue microphone wire on the back of the radio. Note the space between the blue and yellow connectors when installed. See [Fig. 5](#).

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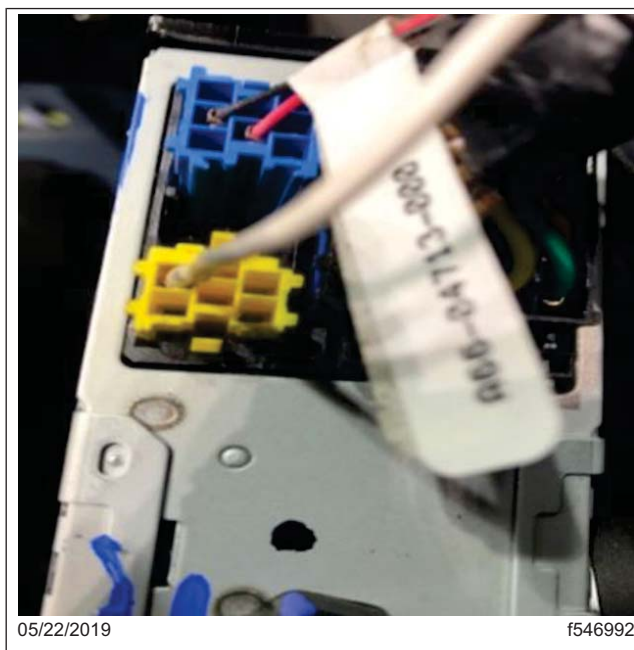


Fig. 5, Plugging the Yellow Connector in the Back of the Radio

17. Slide the radio in the mounting location, and ensure that it locks in place.
18. Install the yellow and red MV3 park brake knobs.
19. Perform a test drive to verify proper operation.
 - 19.1 In a safe location, test drive the vehicle with the stereo volume turned up.
 - 19.2 Gradually position the vehicle near or over the white shoulder line.
 - 19.3 Once lane departure warning issues an alert, the stereo speaker should mute, and the radio LCD display will indicate "MUTE."