2018+ CHRYSLER/DODGE/RAM/JEEP PASS THROUGH USER MANUAL

IMPORTANT NOTES!

Before the installation and use of the STE Chrysler pass through connector thoroughly read and understand the instructions contained in this manual!

The security gateway module needs to be connected for the dealership service tool to work properly. The STE Chrysler pass through connector should be removed prior to any dealership service.

The installation of the STE Chrysler pass through connector will modify the vehicle's electronic communication system. This modification may affect the warranty of your vehicle. It is the responsibility of the end user to verify the warranty conditions with the vehicle manufacturer.
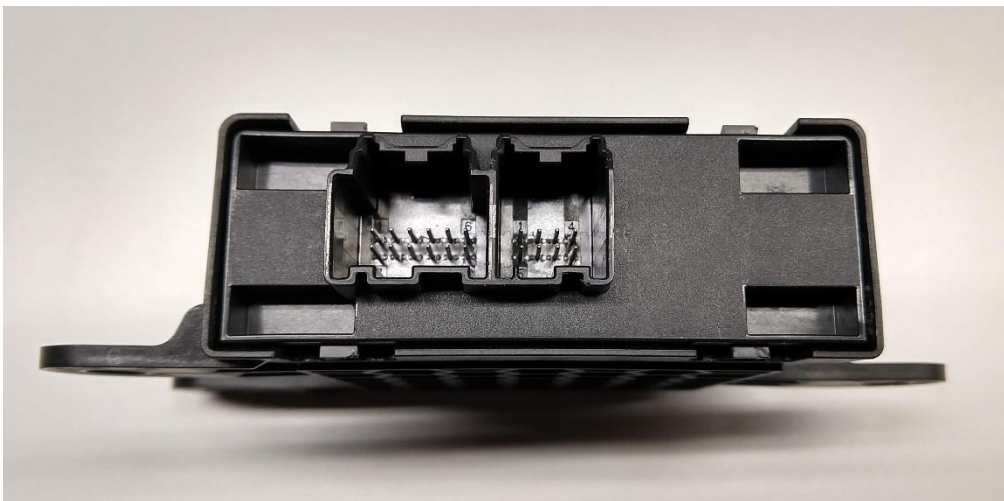
Professional installation is recommended.

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Preface

This manual describes the installation of STE Chrysler pass through connector. The STE pass through connector is required for all 2018+ Chrysler / FCA vehicles due to the addition of a security gateway module. This module prevents most OBD devices from operating on the vehicle. The STE Chrysler pass through connector allows for the removal of the security gateway module and allows normal OBD device operation. The security gateway module is shown below.

Durango / Jeep Grand Cherokee Installation

The security gateway module is located on the left side of the passenger footwell below the glove box on the Durango and Jeep Grand Cherokee. Follow the steps below for installation.

1. Remove the three black plastic push pins that attach the silencer panel under the dash and pull the silencer panel down.

2. One the left side you will see the security gateway module. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.
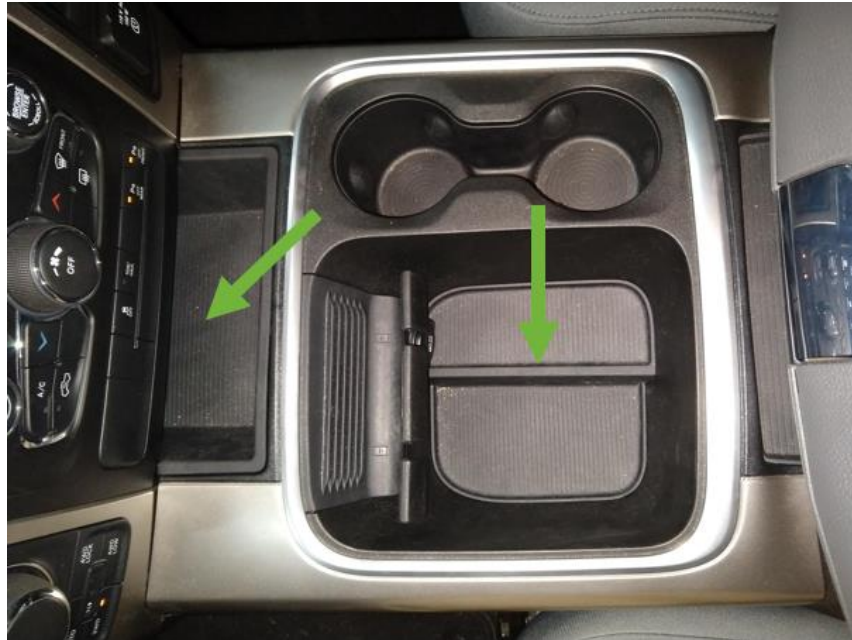
RAM Truck Installation

The location of the security gateway module differs on the RAM trucks depending on model year. For the 2018 model year as well as for the 2019 - 2022 Ram 1500 Classic and 2019 2500 – 5500 (DS) the security gateway module is located behind the radio. For the 2019 - 2022 Ram 1500 (DT) the security gateway module is located on the left side of the driver footwell. Follow the appropriate steps below for installation.

2018 Rams (All) / 2019 - 2022 Ram 1500 Classic

The security gateway module is located behind the radio on the RAM trucks. You will need to remove the radio trim bezel and radio to access the connectors necessary for installation.
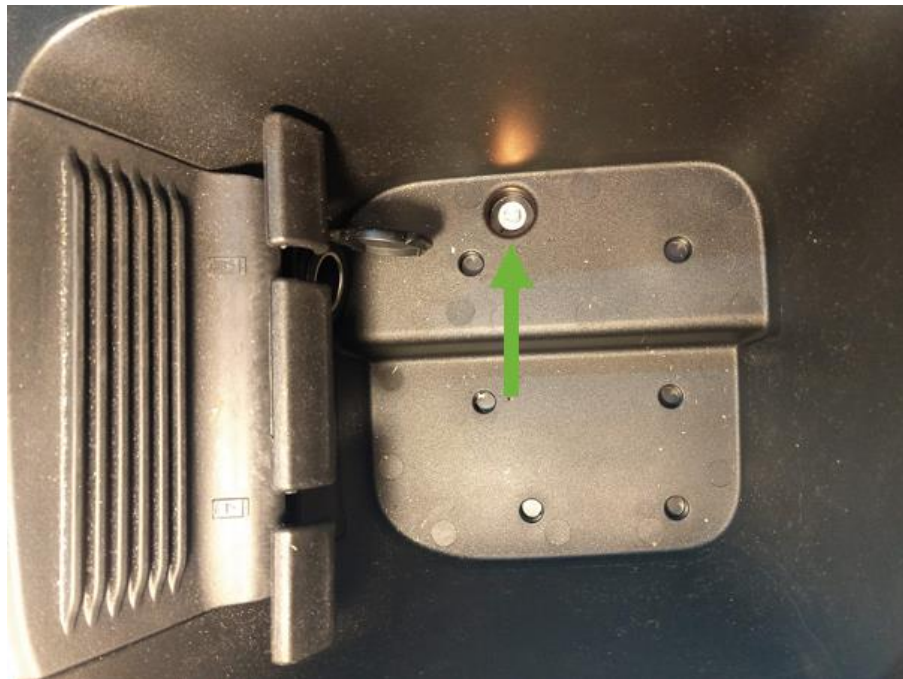
1. If your RAM has a full center console like the one shown below you will need to remove this first. (If not skip to step #5) Remove the rubber pad from the front and mid compartments.

2. Remove two phillips screws from the front compartment.

3. Remove one 8mm bolt from the mid compartment.

4. Open the center console armrest lid and pull the center console bezel straight up to release the retaining clips. Once free the console bezel can be slid back to allow room to remove the radio bezel.
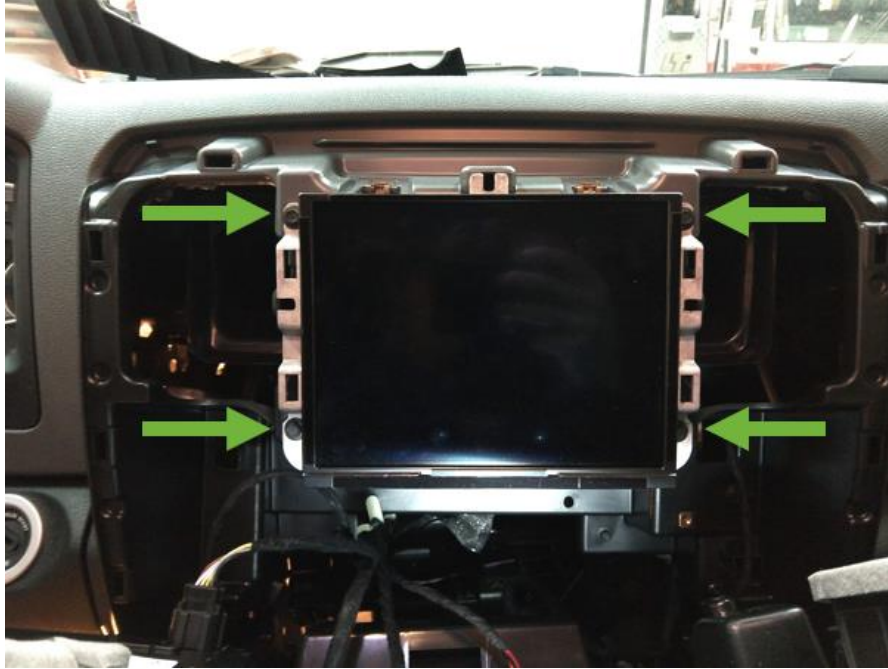
5. To remove the radio bezel first remove the rubber pad from the small compartment on top of the radio bezel and remove the two T20 screws.
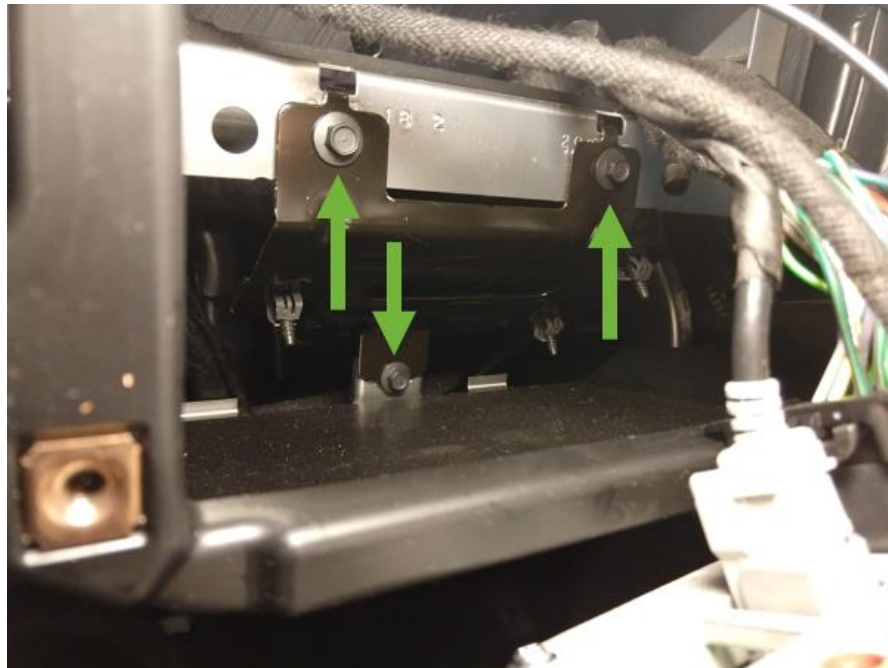
6. If the truck is equipped with a 115V outlet on the right side of the radio bezel you will need to remove one additional screw. Remove the rubber pad from the compartment above the outlet and remove the T20 screw located at the back.

7. Pull the radio console bezel towards the rear of the vehicle to release the retaining clips. Once free the radio bezel can be laid back to allow room to remove the radio.

8. Remove the four 8mm bolts that hold the radio in place and pull the radio towards the rear of the vehicle to remove.

9. The security gateway module is mounted to a bracket directly behind the radio. Remove the three bolts that hold the bracket in place and pull the module out.

10. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors. Reinstall all components in reverse order.

2019 - 2022 Ram 1500 (DT)

The security gateway module is located on the left side of the driver footwell on the 2019 - 2022 Ram 1500. Follow the steps below for installation.

1. Just to the left of the OBD port look up under the dash.

2. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.

2019 - 2022 Ram 2500 – 5500

The security gateway module is located behind the instrument cluster on the 2019 - 2022 Ram 2500 - 5500. Follow the steps below for installation.

1. Lower the steering column to the lowest position.
2. Remove the instrument cluster bezel by pulling the bottom and sides toward the rear of the vehicle. Once the bottom and sides are loose pull the top down. Use a flat piece of plastic or small screwdriver wrapped in a cloth to aid in removal.

3. Remove the left and right lower bezel trim pieces by pulling towards the rear of the vehicle.

4. Remove two 7mm bolts that hold the steering wheel boot bracket.

5. Remove four 7mm screws that hold the instrument cluster in place and remove the cluster.

6. The security gateway is now visible. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.

7. Reinstall all components in reverse order.

Challenger Installation

The security gateway module is located behind the radio on the Challenger. You will need to remove the radio trim bezel and radio to access the connectors necessary for installation.

1. Lower the steering column to the lowest position.
2. Remove the instrument cluster bezel by pulling toward the rear of the vehicle. Use a flat piece of plastic or small screwdriver wrapped in a cloth to aid in removal.

3. Remove four screws that hold the radio in place and pull radio toward the rear of the vehicle to remove.

4. Remove the three bolts that hold the security gateway module in place and pull the module out.
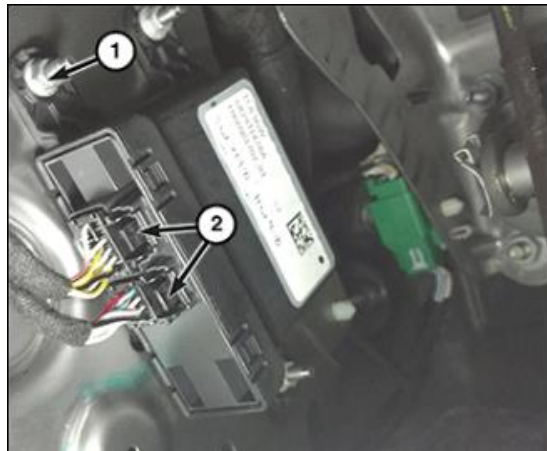

5.   Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.

6. Reinstall all components in reverse order.

Charger / Chrysler 300 Installation

The security gateway module is located on the left side of the driver footwell on the Charger and Chrysler 300. Follow the steps below for installation.

1. On the left side you will see the security gateway module. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.

Pacifica Installation

The security gateway module is located behind the climate controls (HVAC) on the Pacifica. Follow the steps below for installation.

1. Remove the climate controls bezel by pulling toward the rear of the vehicle. Use a flat piece of plastic or small screwdriver wrapped in a cloth to aid in removal. It is easiest to start at the top corners.

2. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.

Wrangler / Gladiator Installation

The security gateway module is located on the left side of the driver footwell on the 2018 - 2022 Wrangler / Gladiator. Follow the steps below for installation.

1. Just to the left of the OBD port look up under the dash.

2. Disconnect the two connectors from the security gateway module and insert the connectors into the STE pass through connector. Ensure that both connectors are fully seated into the pass the pass through by pressing on the backs of the connectors.