# POWERTEQ

## OBDII GATEWAY BYPASS

### Installation Instructions



**Bypass Module**
Jeep® JL, Jeep® Gladiator,
RAM 2019 Trucks



**Kick-Panel Cable**
RAM 2018 Trucks,
Challenger/Charger 18-19,
Hellcat/Demon 18-19
Trackhawk 18-19

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## Dodge Cars - Bypass Cable
### Detailed Instructions for Dodge Cars

For a step-by-step video on how to install the cable, see the Diablo Sport tutorial:
**http://tinyurl.com/bypasscable**
(This section is a direct excerpt from the video)

① Locate the kick-panel under the glove box.

*NOTE: In some car models, disconnecting the elastic cord inside the glove box may make the process easier.*

② If necessary, remove carpet covering the bottom of the glove box and kick-panel. Do so by removing the three pins holding the carpet in place, then carefully peel back.

③ Carefully pull down the kick-panel from the left side to reveal the compartment inside.

④ Locate the green colored star connector hub inside, and carefully pull it out of the compartment (if it does not move all the way, do not force it any further than it can go).

⑤ Insert the white star connector from the provided harness into any of the unused ports in the connector hub.

*NOTE: The green star connector is not used in this installation.*

⑥ Replace the connector hub into the compartment and close the kick-panel (keep the OBDII section of the provided cable outside of the compartment). Replace the carpet and pins if they were removed during the install. Also reattach the elastic cord inside the glove box.

⑦ For best result, route the OBDII section of the provided cable alongside and behind the center console to the driver's side of the vehicle, and connect it to the OBDII port.
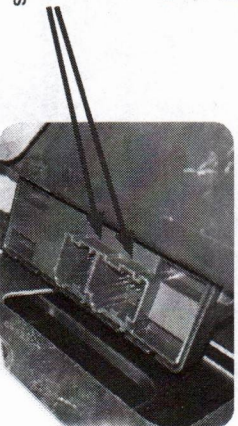


Step 1

Step 3

Step 7

Step 7

Bypass Module

**CAUTION: Do not turn on the engine, keep the ignition in the off position/setting.**



Gateway Module

① Locate the Gateway module, found behind or above the OBDII connector. *NOTE: The module is attached to the wall closer to the driver seat. A flashlight may be needed to see it.*

② While gently pulling on the wire harness, release the clip on each connector and disconnect the harness from the module.

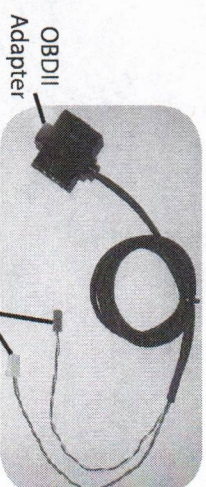③ Insert the two gateway connectors into the bypass module as shown in the image to the right.

Once finished installing the Bypass Module, use zip-ties or another method to secure the harness and module away from any moving/mechanical components (i.e. pedals, latches, etc.)

**Remember to remove the bypass module prior to taking vehicle to dealership or repairshop.**

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Kick-Panel Cable

OBDII
Adapter

STAR
Connectors



**CAUTION: Do not turn on the engine, keep the ignition in the off position/setting.**

Trackhawk   RAM Trucks

Dodge Cars

① Locate the green colored star connector hub (see above diagram for location for your vehicle). **For Dodge Cars, see back page for detailed instructions on how to locate the white star connector.**

② Insert the white star connector from the provided harness into any of the unused ports in the connector hub. *NOTE: The green star connector is not used in this installation.*

③ Route the OBDII adapter to the OBDII port, located under the dash on the driver's side. Plug in the adapter as shown.

Once finished installing the Bypass Cable, use zip-ties or another method to secure the cable away from any moving/mechanical components (i.e. pedals, latches, etc.)

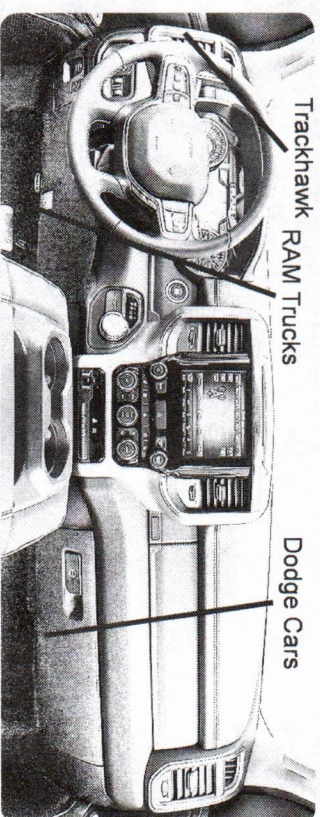**Remember to remove the bypass cable prior to taking vehicle to dealership or repairshop.**

## 2018 Jeep Wrangler JL Flashpaq PN 3876-JL

## Security Bypass Install & PCM Swap Process

### Installing an Unlocked PCM

#### Steps 1 & 2 Reading the factory PCM

1. Install the provided Security Bypass Module. Follow instructions in manual
2. **With Factory PCM still installed**, connect Tuner to Vehicle.
   a. Select "Tune"
   b. Select "Tune Vehicle"
   c. Screen will display:
      i. "Establishing Communications..."
      ii. "Gathering Data from Factory ECU. Please Wait..."
      iii. "Successfully Retrieved Data from Factory ECU! Proceed With Installing Unlocked ECU"

*Please note, upon connecting your Flashpaq, you may be presented with an alternate screen that indicates the following:

*"F5 requires an Update"*

*This is normal and pressing "OK" continue will allow the device to continue reading your stock file.

After completing steps 1 & 2, you will need to proceed to www.superchips.com and update your device. Navigate to the update tab and then proceed to download Update Agent 1.0 software and connect your Flashpaq. Next, you will need to proceed to https://superchips.com/pcm-ship/ to submit your vehicle information and request and unlocked PCM. These steps below should be followed **only after** receiving your unlocked PCM from Superchips.

#### Steps 3 – 5: Installing Unlocked PCM and Installing a Tune with the Flashpaq

3. Turn Ignition Off. Disconnect Tuner. Disconnect Battery.
4. Remove Factory PCM (10mm) and Install Unlocked PCM. Connect Battery.
5. With Unlocked PCM installed, connect Tuner to Vehicle.*
   a. Select "Tune"
   b. Select "Tune Vehicle"
   c. Screen will display:
      i. "Transferring Factory Data to Unlocked ECU. Please Wait..."
      ii. Ignition Off Prompt Screen
      iii. "Waiting for Vehicle to Power Down. Please Wait..."
      iv. Ignition On Prompt Screen** (Ignition ON = double tap on push start)
      v. "Establishing Communications..."
      vi. "Progress", % read complete, "Reading File 1 of 2"
6. Tuner will read PCM and continue tuning your vehicle. You will need to follow device screen prompts from this point forward.

*On first power up with an Unlocked PCM the cluster panel will illuminate the red security light and may warn about other module errors (Traction Control, ABS, etc.). This is expected and part of the process.

**At this point, the cluster panel should no longer have the red security light illuminated which signals that your JL has been programmed, and connected to, the Unlocked PCM.

**Before pressing "OK" on your F5, Start the Vehicle. Let the Vehicle Run for more than 3 seconds, and test throttle response. The vehicle shutting off after ~3 seconds, or having a dead pedal indicates that there was an issue reading stock data and/or writing stock data to Unlocked PCM. If throttle response is good and vehicle stays running, please continue by shutting off engine, returning ignition to ON, and pressing "OK" on F5.