

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 an 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.

2018 Jeep Wrangler JL TrailDash2 PN 42051-JL

Security Bypass Install & PCM Swap Process

Installing an Unlocked PCM

Steps 1 & 2 Reading the factory PCM

7. Install the provided Security Bypass Module. Follow instructions in manual
8. **With Factory PCM still installed**, connect your TD2 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 to website and follow PCM swap instructions online to request your unlocked PCM. You will need to receive your unlocked PCM before proceeding with any additional steps. Refer to your install guide for additional instructions

*Please note, upon connecting your TD2, you may be presented with an alternate screen that indicates the following:

Product update required. This vehicle's tuning is unrecognized. You must update this device using the update software in order to program the vehicle. This product will need to read and save the vehicle's stock tuning first. This process will take several minutes. Touch screen to continue

*This is normal and pressing 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 the Fusion update tool and connect your TD2. Next, proceed to <https://superchips.com/pcm-ship/> to submit your vehicle information and request an unlocked PCM. Proceed with the steps below **only after** receiving your unlocked PCM from Superchips.

Steps 3 – 5: Installing Unlocked PCM and Installing a Tune with the TD2

9. Turn Ignition Off. Disconnect Tuner. Disconnect Battery.
10. Remove Factory PCM (10mm) and Install Unlocked PCM. Connect Battery.
11. With Unlocked PCM installed, connect TD2 to Vehicle.
 - a. Navigate to Performance Menu option from pull up menu
 - b. Select a performance tuning level
 - c. Tuner will read PCM and continue tuning your vehicle. You will need to follow device screen prompts from this point forward.** (When prompted for Ignition ON, be sure double tap on push start and check to see "run" illuminated on push start itself)

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 not abnormal and part of the process.

When you begin to tune and are prompted to turn the "Ignition On", 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.

After installing your tune, 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.