ECRI

INSTRUCTIONS

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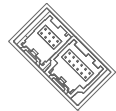Print Instructions   Support

What You'll Need

ECRI Device

We engineered the ECRI device to overcome technical limitations that plague other devices, so a genuine ECRI adapter is required.

Vehicle Unlock Code

If you don't already have an unlock code, you may purchase an ECRI unlock code instantly online or in the app after you are connected.

2018+ Jeep JL / JT

A security bypass is required for 2018+ Jeeps.

Smartphone or Tablet

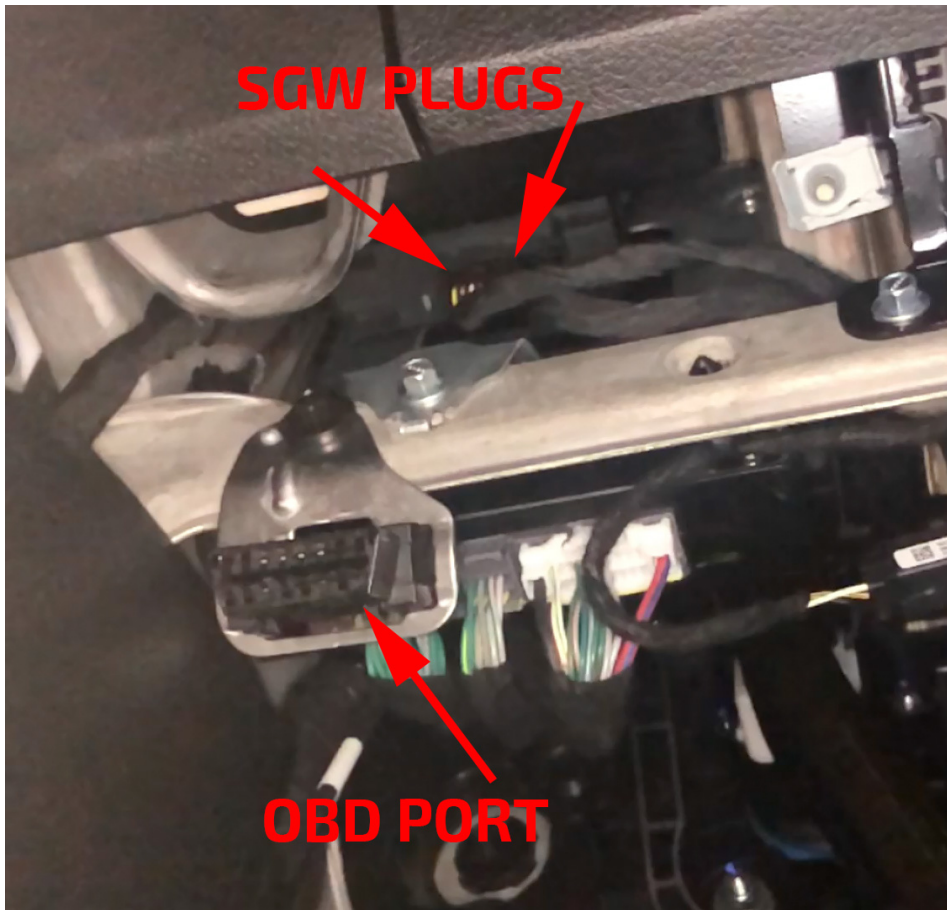The ECRI app is availble for both Adroid and Apple phones and tablets. The phone/tablet must be Bluetooth 4.0 capable.

Internet Access

You must be connected to the internet using either Wi-Fi or cellular data.

SECURITY BYPASS INSTALL

(2018+ WRANGLER JL AND GLADIATOR JT ONLY)

The Security Gateway Module (SGW) prevents ECRI from writing new values to your Jeep's modules. This security is normally good, but needs to be bypassed during the time you want to write new values. After you are finished writing your calibrations, we recommend reconnecting the original SGW.

The SGW is located behind and above the OBD port by the driver's feet. The plugs can be tricky to reach. We normally try to see where the plugs are, then operate by feel to unplug the two plugs. They can stick a little, in which case we squeeze the clip, push the plug in further (if possible), then gently pull the plug while wiggling it side to side slightly.

DOWNLOAD THE ECRI APP

CREATE ACCOUNT

Tap "Account" at the bottom right corner of the ECRI App.

Enter your phone number and desired password, then tap the sign in/sign up button.

We will text you a code within a few seconds that you will need to enter to confirm your account.

Once the account is created, enter the phone number and password again to sign in.

Turn Ignition ON

I HAVE A KEY

Turn key to second click. The order is:

OFF → ACC → **ON** → START

I HAVE A BUTTON

Push the ignition button two times **without touching brake pedal**:

OFF → ACC → **ON**

If the engine starts, turn it off and try again. If the VIN cannot be read, make sure you are in the ON position, not the ACC position.

Plug ECRI Into OBD Port

ECRI will only plug in one way and will light up with a red glow when plugged in.

After about 30 seconds without a connection, **ECRI will power down and the letters will stop glowing.** If this happens, you will need to unplug, then plug ECRI back in to connect.

Reading Current Calibrations

Energizing
ECRI is starting a Bluetooth search for the ECRI device.

Connecting
An ECRI device has been found and the app is attempting to establish a wireless link to the device. This step also involves identifying the vehicle.

Researching
The link has been successful (the lights on your device should now be bright green). Memory values from your vehicle are being decoded to find the current available calibrations and their values.

Interacting
All vehicle data has been decoded and the app display will change to show current calibrations. You are now ready for the next step: writing new values!

Writing New Values

TAP A CURRENT SETTING

An input will appear for the new value. Repeat this step for each value you want to change.

TAP "WRITE PROGRAMMING" BUTTON

Once you are happy with the new settings, tap the "Write Programming" button.
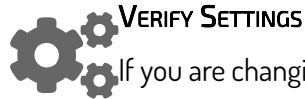
PURCHASE UNLOCK

If the vehicle you are connecting do hasn't been unlocked in your account and you dont have an unused unlock code in your account, you will be presented with an in-app purchase screen to purchase an unlock instantly.

CONFIRM VALUES

When the programming is ready, your ECRI app will ask you to verify the new values. Once you confirm these values, programming will start immediately.

Wrapping Up

Verify Settings

If you are changing a setting like tire size, you may want to leave all ECRI devices plugged in while testing if the value needs to be changed. There is no harm in leaving the devices installed for this purpose, but we recommend removing the ECRI device (and security bypass if applicable) after your calibrations are all dialed in. All settings are stored on your vehicle's computers, so settings will be retained.

Share ECRI with Friends

ECRI devices are not tied to a user or vehicle, so you can share your hardware with a friend. Your friend just needs to download the ECRI app, purchase an unlock and remember to return your ECRI device to you when finished.

Get Help

If you are having issues, please contact us directly and we will be happy to help out.

COMPLIANCE

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.

— Increase the separation between the equipment and receiver.

— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

— Consult the dealer or an experienced radio/TV technician for help.

To limit RF exposure, please ensure 8 inches (20 cm) of separation from the device at all times. This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet appareil est conforme aux RSS sans licence d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas provoquer d'interférences; et

(2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles d'entraîner un fonctionnement indésirable de l'appareil.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.