



Installation Instructions for the Plug & Play Chrysler/Dodge/Jeep Remote Start Package T1

Review the remote start installation manual for safety instructions!

Overview

Your kit consists of two modules – a remote start and a EVO-CHR interface module. The EVO-CHR is designed to make the installation of the remote start very easy. There are a LOT of wires in your kit. Because the EVO-CHR and remote start are designed to work together, you will only use 4 of them.

You will be using the THAR-CHR1 t-harness. When you refer to the installation instructions for the EVO-CHR, the only pages relevant to your installation will be those that specify THAR-CHR1 and “with Data-Link”. Disregard the other pages that refer to other configurations.

In addition, when you look at the wiring diagrams in the EVO-CHR manual, you will see two kinds of connections. Most of the connections are illustrated with ‘dashed’ lines. You will not need to make any of those connections. The only connections you’ll need to make are the ones shown with solid black lines. There are three of those – we’ll address them a little later.

Here is what you will use:

- **In the remote start power harness:** This is the harness with the 6 large power wires*. You will use only the two large red wires and the pink wire. Connect the red wires to a constant +12-volt power source. This can be the battery, or more conveniently the power wire in your ignition switch harness. If you have provided us with the model/year of your car, your package will include a TechWeb wiring chart. Look for the Wire/Function labeled “12 Volts”. That’s the wire you connect to. You can connect the two red wires from the remote start to the same wire in the car. The pink wire gets connected to the yellow wire on the 14-pin harness that comes with the EVO-CHR. The remaining wires are not used.
- **In the remote start 12-pin harness:** You will only use the ground (black) wire* and the white wire. The grey wire is optional and we will refer to that later. The rest are not used.
- **The EVO-CHR 4-pin harness** will plug in to the remote start
- **In the EVO-CHR 14-pin harness:** You will only use only the yellow wire. Connect it to the pink wire on the remote start’s main power harness.

*Connections with an asterisk should NOT be made if you are using remote start model LCPRO-1 or LCPRO-4

Starting the installation.

1. Begin by removing the plastic panel at the bottom of the dash, above where the pedals are. The panel is held in with both bolts and clips. Be careful not to break the panel – especially in cold weather. Install the on-glass antenna and the programming switch. Good locations for the antenna are at the top center of the windshield and along side the driver’s side windshield pillar. Tuck the wire inside the headliner and/or plastic molding and run it down the underside of the dash, near the parking brake release. Use a ¼” drill bit to make a hole for the programming switch. The top of the plastic kick panel on the left is a good location. Makes sure that the switch and the wires do not interfere with the parking brake. Plug the antenna and programming switch into the remote start module.

Installing the remote start module

The remote start module is typically installed under the dash. Choose a location that will enable you to connect all your wiring without interfering with any moving parts, such as the brake and gas pedals, parking brake or steering column.

2. Make these three wiring connections described earlier:

****The connections "a" & "b" (+12 volt and ground) should NOT be made if you are using remote start model LCPRO-1 or LCPRO-4. If you are using one of those models skip directly to connection "c".****

- a. The red power wires in the remote start's power harness to +12-volts
 - b. The black wire in the remote start's 12-pin harness to ground
 - c. The yellow wire from the EVO-CHR 14-pin harness to the pink wire in the remote start main power harness
3. Many newer vehicles have parking lights that automatically turn on when the vehicle is running. If your parking lights do NOT automatically turn on when the vehicle is running, but you do want them to turn on when you remote start, you'll need to make two connections.
- a. First, refer to your wiring chart and see if your parking light circuit is (+) or (-) polarity. The red/black wire in the remote start 12-pin harness is used to set the remote start for the correct polarity output.
 - b. If your parking light circuit is (+), connect the red/black wire to a (+) power source. Tapping on to one of the large red wires in the remote start 6-pin harness is an easy way to do that.
 - c. If your parking light circuit is (-), connect the red/black wire to ground.
 - d. Once you've selected the polarity, connect the remote start's parking light wire (WHITE in the 12-pin harness) to the parking light wire in the vehicle. Connect the black Data-Link connector from the EVO-CHR to the data port on the remote start. Refer to the remote start installation manual for the location of the data port plug. Be sure not to plug it in upside down!
4. Connect the black Data-Link connector from the EVO-CHR to the data port on the remote start. Refer to the remote start installation manual for the location of the data port plug. Be sure not to plug it in upside down!
5. Now go to the middle of Page 2 in the EVO-CHR manual. It will show you the proper sequence for plugging in the t-harness and programming the EVO-CHR.
6. There is an LED included in the kit that can be used as a security deterrent. This is optional. If you want to use it, install the LED and plug it in to the remote start module.

One decision.....

The grey wire in the remote start's 12-pin harness serves two functions. It is used when you program your remote start's optional features, and when used in conjunction with the pin switch provided in the kit, it can also be used as a safety to prevent the remote start from starting the vehicle with the hood open. If you want to use the safety feature, you can either connect the grey wire to an existing hood pin that connects to ground when the hood is opened, or you can install the pin switch provided in the kit.

If you choose not to connect the grey wire to the hood pin, leave it accessible because you will need to be able to touch it to ground when you do your features programming for the remote start.

Finish up!

1. Test all functions. After confirming that everything works properly, secure the remote start module and all the wires connected to it. Make sure none of the wires interferes with any of the moving parts under the dash. Replace the plastic panel that surrounds the ignition switch.
2. Cap off or tape the ends of any wires you're not using to prevent accidental grounding or other contact. Be particularly careful with the unused heavy-gauge wires in the remote start's power harness.

Helpful Notes:

The EVO-CHR manual has a lot of diagrams and information that do not pertain to your installation. Pages 2, 3 and 8 are the only ones you'll need.

The wiring diagram on page 3 of the EVO-CHR manual gives you a good overview of the entire installation. Note that you will NOT be connecting all the wiring connections shown with dotted lines. Those connections are all made internally with the Data-Link system. The only connections you will be making in to the vehicle are the ones shown with solid black lines (12v Battery, Parking Lights) and ground. In addition, you will make the one connection shown in the diagram between the EVO-CHR and the remote start module.