



Installation Instructions for GM Plug and Play Remote Start Packages - #12

Review the remote start installation manual for safety instructions!

Overview

Your kit consists of two modules – a remote start and a data interface. The data interface is designed to make the installation of the remote start very easy. There are 5 wiring harnesses in your kit. Because the data interface module and remote start are designed to work together, you will not use most of the wires in the harnesses.

- Remote start power harness: Pre-wired to plug directly into the ignition harness in your car.
- Remote start 11-pin harness: You will only use the ground (black) wire and the grey wire. The rest are not used.
- Remote start 3-wire door lock harness: Not used
- Data interface 4-pin harness: This will plug in to the remote start
- Data interface 14-pin harness: You will only use the pink and purple wires.

In addition, your kit includes a plug-in long range antenna, a plug-in programming switch and a plug-in LED. Once installed, your system will start the vehicle using the remote controls provided with the kit. It will also provide keyless entry control of factory installed power door locks.

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.

1. Prepare for installation of the ignition harness by removing the plastic panel that surrounds the ignition switch in the vehicle
2. Unplug the ignition switch harness and plug in the remote start harness. Route the remote start harness wires so they do not interfere with any moving parts.
3. Connect the ground for the remote start.
4. Plug the other end of the remote start harness into the remote start.
5. Install the on-glass antenna and plug it in to the remote start module
6. There is a 4-wire cable (red, black, blue, white) provided with the data module that connects the remote start to the data interface. Connect that cable to the remote start. The data port is on the left side of the module, next to the antenna port. Do not connect the other end to the data interface yet.
7. Install the programming/override switch and plug it in to the remote start module
8. 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.

Installing and programming the data interface

1. There is a small 14-pin connector supplied with the data interface. Connect the pink wire to the heavy pink wire in the remote start harness using the yellow tap connector provided.
2. Connect the purple wire from the small 14-pin connector to the wire going to Pin 2 on the ODB2 diagnostic connector in your car. Do not plug the white connector in to the data interface yet.
3. Press and hold the programming button on the data interface. Plug in the 4-pin connector (red, black, blue, white) to connect the data interface to the remote start module. The LED will turn on.
4. Plug the white 14-pin connector into the data interface. It is easy to plug this connector in backwards – be careful!
5. While holding the programming button, turn the key to the IGNITION position. The LED will flash rapidly.
6. Release the programming button and start the vehicle with the key. The LED will turn off. Turn the key off, and the data interface is programmed.

One decision.....

The grey wire in the remote start's 11-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.

Finish up!

1. Test all functions. After confirming that everything works properly, replace the plastic panel that surrounds the ignition switch.
2. Use the supplied tie wraps to tidy up and secure your wiring.

Note:

In some instances, the remote start module will not be able to pick up the tach signal from the data interface port. In the event you experience this, just connect the tach wire from the data interface (orange/black on the 14-pin harness) to the tach wire on the remote start (red/white in the 11-pin harness)