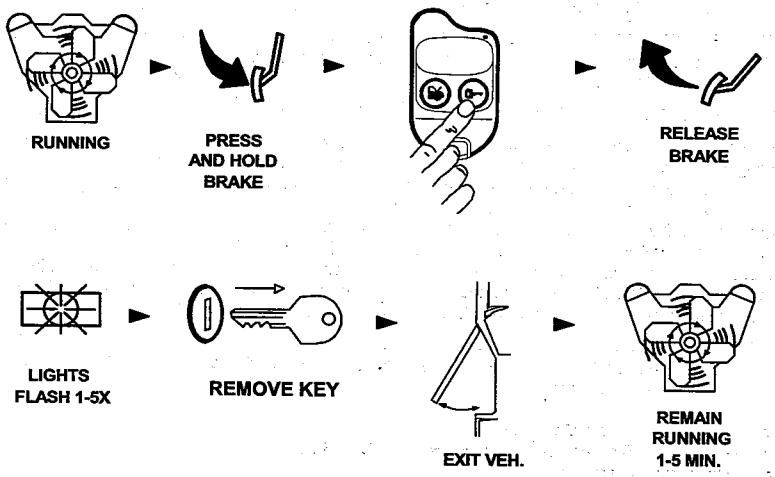
TURBO TIMER MODE (Option 22)

The optional Turbo Timer mode allows the CoolStart system to keep a Turbo or Turbo Diesel vehicle running for 1, 3 or 5 minutes [selectively] after you remove the key and exit the vehicle. This is handy for turbo cool-down without the need for expensive turbo timers. The ***Default = OFF.***

To Activate Turbo Timer:
With the engine running by key, ***press Remote Start Button with brake pedal depressed.*** As you release the brake pedal, the Parking Lights and Status LED will blink the number of minutes for the Turbo Timer setting. The doors unlock after confirmation.



MANUAL TRANSMISSION MODE (Option 11)

MANUAL TRANSMISSION EXIT PROCEDURE (Option #11-1 and 11-3)

This system features a Manual Transmission Mode. When exiting the vehicle, there is safety check out procedure required for the manual transmission mode to work. There are 2 choices of operation,

1. ***Option 11-1:*** With engine running and vehicle in neutral, set parking brake, then press "KEY" Icon on transmitter. The remote starter will turn on and take over operation of the vehicle.
2. ***Option 11-3:*** With engine running and vehicle in neutral, set parking brake. The remote starter will turn on and take over operation of the vehicle.
3. Remove key, exit vehicle (remote starter unit must "SEE" door opened, then closed with engine running).
4. Press Lock button within 10 seconds of closing door for "Idle Down" (engine stays running). Press Lock a 2nd time to cancel "Idle Down" (engine turns off) and set up Manual Transmission Mode.
5. Press Lock button after 10 seconds to Lock the doors and shut down the engine. From this point, the system will remote start the engine unless a door is opened.
6. Press the Remote Start Button after closing door to set up Manual Transmission Mode without Locking or Arming OEM Alarm System.

TURBO TIMER in Manual Transmission Mode:
For Turbo Timer, press brake pedal before setting parking brake, then press the Remote Start Icon (requires Turbo Timer Option # 22). After exiting vehicle, press lock button to set Manual Transmission Mode. The engine will remain running for the Turbo Time setting (1, 3 or 5 minutes).

CONVENIENCE AND SAFETY FEATURES

KEYLESS ENTRY (Power Door Locks, may require Data Module - Optional)
This system enables you to remotely lock and unlock the vehicle's doors (if equipped with power locks) via remote control for safety and convenience. Note: This feature may require extra labor and/or parts to install. Press the Lock or Unlock transmitter button as you leave or come near the vehicle. Parking lights will flash once for Lock and twice for Unlock. The parking lights will turn on for 30 seconds with Unlock to assist in locating and providing illumination near your vehicle when approaching at night for safety. The parking light also turns off with ignition on. If vehicle is running by the remote start system, the lights will flash, but return back to solid.

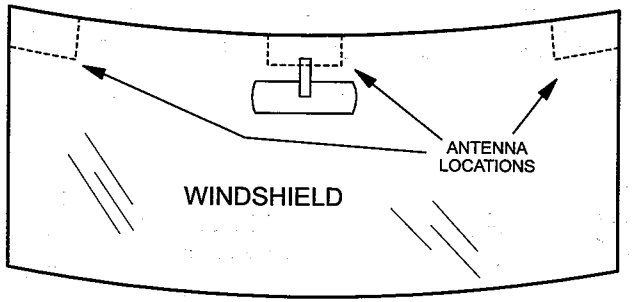
2 VEHICLE PROGRAMMING

The *RS-1, RS-3 and RS- 4 series* can be used for 2 vehicle operation. A single remote can control two independent vehicles with identical systems installed.

To set up the 2 Vehicle Operation you must have all 4 remotes for programming. For the first vehicle (remotes 1 & 2) press the Lock as in step 1 thru 3 on page 21. For second vehicle (remotes 3 & 4) press the Transmitter side button. The LED on remote control will start flashing. You now have 4 seconds to press the Lock button while in learn mode. Note: All 4 remote controls must be learned (one after the other) before exiting learn procedure.

ANTENNA DIAGRAM

Antenna should be located at top of widow at least one inch away from metal surface.



MANUAL TRANSMISSION MODE

MANUAL TRANSMISSION INSTALLATION:
PINK WIRE = (-) Door Switch (default = Glow Plug)
GREEN WIRE = (-) Hand Brake (default = OEM Start)

After programming Option #11-1 or #11-3 for manual transmission mode, the Door Trigger and Hand Brake wire must be connected for the manual transmission remote start procedure. The Pink "Glow Plug" wire becomes a Door Pin input and the Green "OEM Start" wire becomes a Hand Brake input that must be used for the manual transmission remote start procedure. A Databus module can also supply the Door and Hand Brake status signal on most late model vehicles. Please check Databus module features before connecting door and hand brake wires. A door opening will now cancel a remote start that was previously "set-up" by the user. The Hand Brake and Door Trigger is a safety feature to cancel a remote start. **Note: You can't use the interior lights as a door trigger if the interior lights turn on with ignition off.**

OPTION 11 - TRANSMISSION TYPE: Manual Transmission Requires Tach Wire Connected and programmed.
This option selects automatic or manual transmission mode - 3 Choices of operation.

4. Manual Shift Transmission - Requires Remote Start Button pressed with (-) Hand Brake set.
5. ***Automatic Transmission – Default.***
6. Manual Shift Transmission – Starts Exit procedure with (-) Hand Brake Set and engine running.

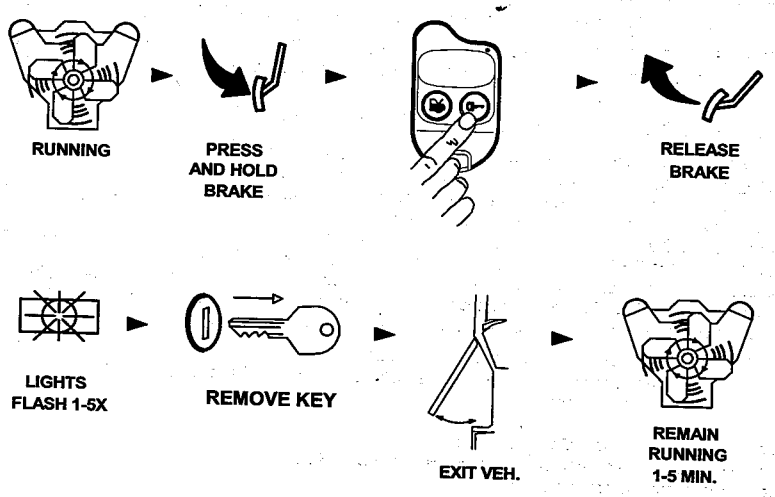
Manual Transmission Exit Procedure:

1. ***Option 11-1:*** With engine running and vehicle in neutral, set parking brake, then press "Idle Down" Icon or remote start on transmitter. The remote starter will turn on and take over operation of the vehicle.
2. ***Option 11-3:*** With engine running and vehicle in neutral, set parking brake. The remote starter will turn on and take over operation of the vehicle.
3. Remove key, exit vehicle (remote starter unit must "SEE" door opened, then closed with engine running).
4. Press Lock button within 10 seconds of closing door for "Idle Down" (engine stays running). Press Lock a 2nd time to cancel "Idle Down" (engine turns off) and set up Manual Transmission Mode.
5. Press Lock button after 10 seconds to Lock the doors and shut down the engine. From this point, the system will remote start the engine unless a door is opened.
6. Press the Remote Start Button after closing door to set up Manual Transmission Mode without Locking or Arming OEM Alarm System.

TURBO TIMER MODE (Option 22)

The optional Turbo Timer mode allows the CoolStart system to keep a Turbo or Turbo Diesel vehicle running for 1, 3 or 5 minutes [selectively] after you remove the key and exit the vehicle. This is handy for turbo cool-down without the need for expensive turbo timers. The ***Default = OFF.***

To Activate Turbo Timer:
With the engine running by key, ***press Remote Start Button with brake pedal depressed.*** As you release the brake pedal, the Parking Lights and Status LED will blink the number of minutes for the Turbo Timer setting. The doors unlock after confirmation.



MANUAL TRANSMISSION MODE (Option 11)

MANUAL TRANSMISSION EXIT PROCEDURE (Option #11-1 and 11-3)

This system features a Manual Transmission Mode. When exiting the vehicle, there is safety check out procedure required for the manual transmission mode to work. There are 2 choices of operation,

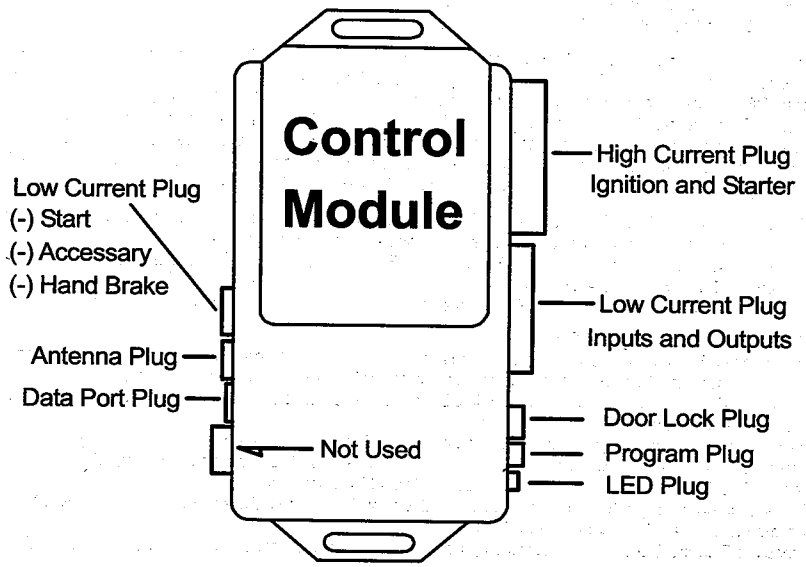
1. ***Option 11-1:*** With engine running and vehicle in neutral, set parking brake, then press "KEY" Icon on transmitter. The remote starter will turn on and take over operation of the vehicle.
2. ***Option 11-3:*** With engine running and vehicle in neutral, set parking brake. The remote starter will turn on and take over operation of the vehicle.
3. Remove key, exit vehicle (remote starter unit must "SEE" door opened, then closed with engine running).
4. Press Lock button within 10 seconds of closing door for "Idle Down" (engine stays running). Press Lock a 2nd time to cancel "Idle Down" (engine turns off) and set up Manual Transmission Mode.
5. Press Lock button after 10 seconds to Lock the doors and shut down the engine. From this point, the system will remote start the engine unless a door is opened.
6. Press the Remote Start Button after closing door to set up Manual Transmission Mode without Locking or Arming OEM Alarm System.

TURBO TIMER in Manual Transmission Mode:
For Turbo Timer, press brake pedal before setting parking brake, then press the Remote Start Icon (requires Turbo Timer Option # 22). After exiting vehicle, press lock button to set Manual Transmission Mode. The engine will remain running for the Turbo Time setting (1, 3 or 5 minutes).

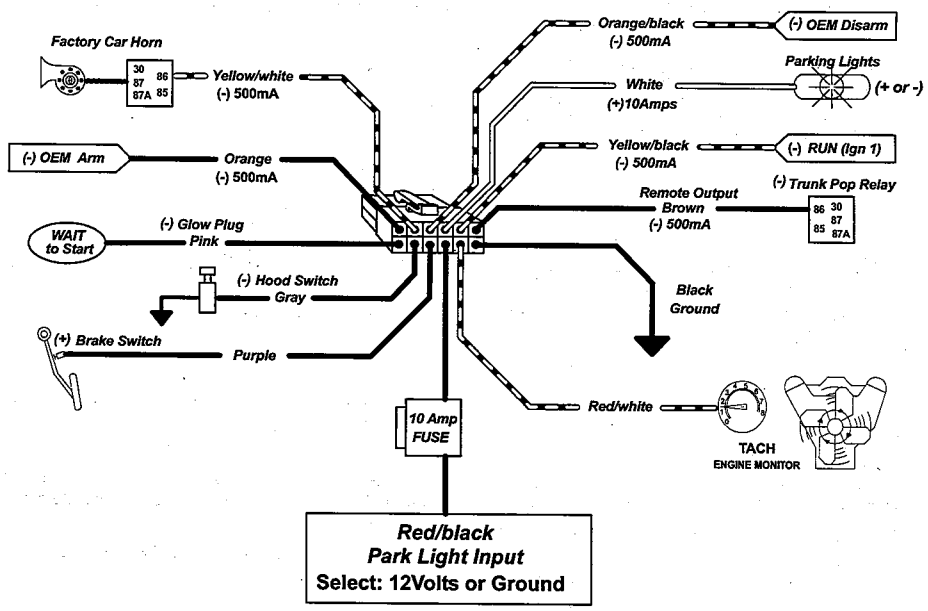
CONVENIENCE AND SAFETY FEATURES

KEYLESS ENTRY (Power Door Locks, may require Data Module - Optional)
This system enables you to remotely lock and unlock the vehicle's doors (if equipped with power locks) via remote control for safety and convenience. Note: This feature may require extra labor and/or parts to install. Press the Lock or Unlock transmitter button as you leave or come near the vehicle. Parking lights will flash once for Lock and twice for Unlock. The parking lights will turn on for 30 seconds with Unlock to assist in locating and providing illumination near your vehicle when approaching at night for safety. The parking light also turns off with ignition on. If vehicle is running by the remote start system, the lights will flash, but return back to solid.

CONNECTOR PLUG DIAGRAM



RS-1 G2 / RS-3 G2 / RS-4 G2

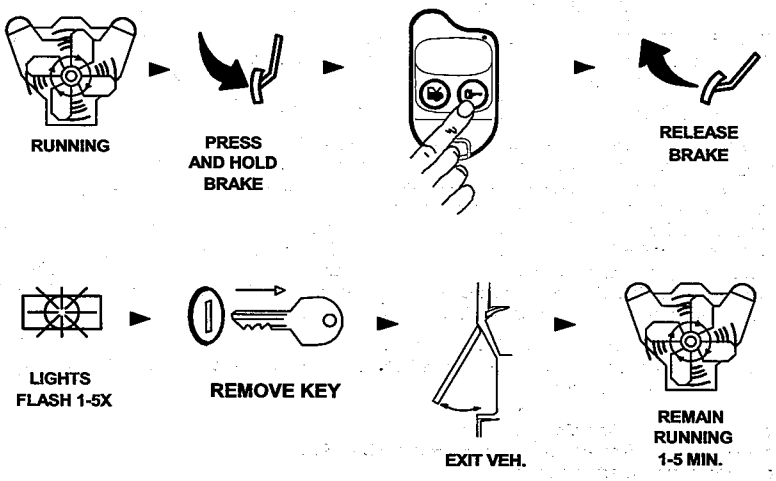


NOTE: The Generation 2 connection has changed from previous units. The Jumper has been removed for the Parking Lights. The wire colors have changed.

TURBO TIMER MODE (Option 22)

The optional Turbo Timer mode allows the CoolStart system to keep a Turbo or Turbo Diesel vehicle running for 1, 3 or 5 minutes [selectively] after you remove the key and exit the vehicle. This is handy for turbo cool-down without the need for expensive turbo timers. The ***Default = OFF.***

To Activate Turbo Timer:
With the engine running by key, ***press Remote Start Button with brake pedal depressed.*** As you release the brake pedal, the Parking Lights and Status LED will blink the number of minutes for the Turbo Timer setting. The doors unlock after confirmation.



MANUAL TRANSMISSION MODE (Option 11)

MANUAL TRANSMISSION EXIT PROCEDURE (Option #11-1 and 11-3)

This system features a Manual Transmission Mode. When exiting the vehicle, there is safety check out procedure required for the manual transmission mode to work. There are 2 choices of operation,

1. ***Option 11-1:*** With engine running and vehicle in neutral, set parking brake, then press "KEY" Icon on transmitter. The remote starter will turn on and take over operation of the vehicle.
2. ***Option 11-3:*** With engine running and vehicle in neutral, set parking brake. The remote starter will turn on and take over operation of the vehicle.
3. Remove key, exit vehicle (remote starter unit must "SEE" door opened, then closed with engine running).
4. Press Lock button within 10 seconds of closing door for "Idle Down" (engine stays running). Press Lock a 2nd time to cancel "Idle Down" (engine turns off) and set up Manual Transmission Mode.
5. Press Lock button after 10 seconds to Lock the doors and shut down the engine. From this point, the system will remote start the engine unless a door is opened.
6. Press the Remote Start Button after closing door to set up Manual Transmission Mode without Locking or Arming OEM Alarm System.

TURBO TIMER in Manual Transmission Mode:
For Turbo Timer, press brake pedal before setting parking brake, then press the Remote Start Icon (requires Turbo Timer Option # 22). After exiting vehicle, press lock button to set Manual Transmission Mode. The engine will remain running for the Turbo Time setting (1, 3 or 5 minutes).

CONVENIENCE AND SAFETY FEATURES

KEYLESS ENTRY (Power Door Locks, may require Data Module - Optional)
This system enables you to remotely lock and unlock the vehicle's doors (if equipped with power locks) via remote control for safety and convenience. Note: This feature may require extra labor and/or parts to install. Press the Lock or Unlock transmitter button as you leave or come near the vehicle. Parking lights will flash once for Lock and twice for Unlock. The parking lights will turn on for 30 seconds with Unlock to assist in locating and providing illumination near your vehicle when approaching at night for safety. The parking light also turns off with ignition on. If vehicle is running by the remote start system, the lights will flash, but return back to solid.

REMOTE START DIAGNOSTICS

If the system flashes the LED and Parking Lights one to seven times and doesn't attempt remote. The LED will continue to flashing the error code until the ignition is turned on, it means the following:

1 Parking Light Flash (1 LED Flash) = Problem with Brake Switch.
2 Parking Light Flashes (2 LED Flashes) = Problem with Hood Switch.
3 Parking Light Flashes (Solid LED) = Valet Service Mode.
5 Parking Light Flashes (5 LED Flashes) = Ignition On before Remote Start.
7 Parking Light Flashes (7 LED Flashes) = Manual Transmission Error.

HIGH CURRENT 6-PIN HIGH-CURRENT CONNECTOR

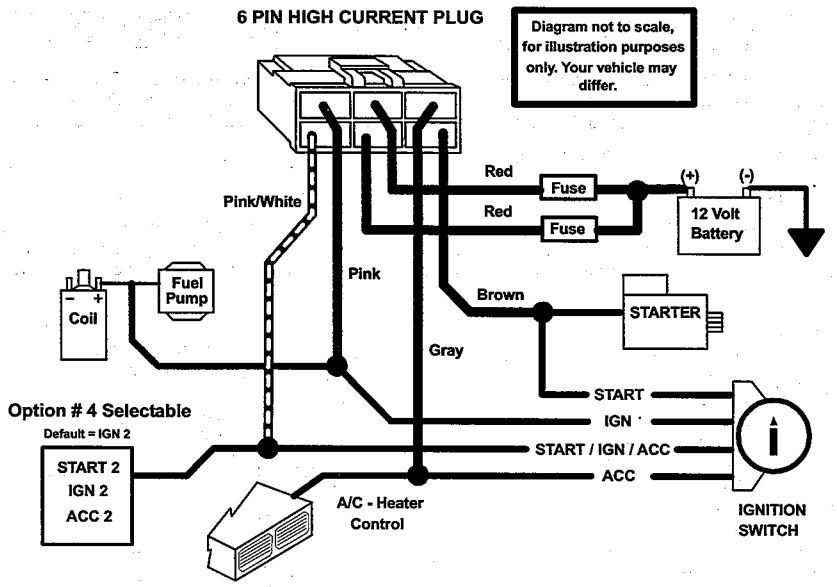
(2) RED: 12V POWER INPUT WIRES (30A Fused):
Connect to both of these leads to 12V Constant Power. We recommend the BATTERY POSITIVE TERMINAL.

BROWN: 12V STARTER OUTPUT 30A:
Connect to circuit in the vehicle that has power ONLY while the STARTER MOTOR is CRANKING.

GRAY: 12V ACCESSORY OUTPUT 30A:
Connect to circuit in the vehicle that provides Accessory Power for systems such as HEAT and A/C. Typically, this wire turns ON with the first position of the key, DROPS OUT WHEN CRANKING, then returns as the engine starts and runs.

PINK: 12V IGNITION OUTPUT 20A:
Connect to circuit in the vehicle that provides true Ignition Power for systems such as Spark and Fuel. Typically, this wire turns ON with the second position of the key, STAYS ON WHEN CRANKING, and continues ON as the vehicle runs.

PINK WHITE: 12V MULTIFUNCTION OUTPUT 20A (Option 4):
This is an optional multi-function output wire the can be configured as a Second IGN, ACC or STARTER output. Use Option #4 to select ACC, IGN or STARTER. The DEFAULT setting is IGNITION.

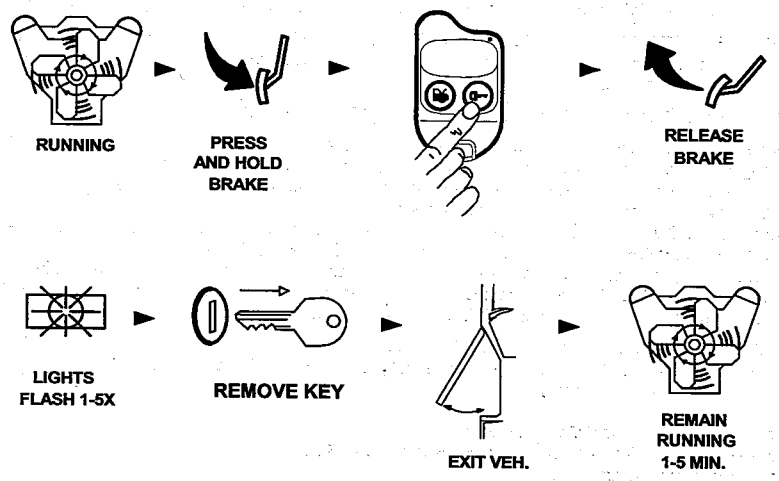


NOTE: The Generation 2 Connection has changed from previous units. The Jumpers have been removed for the PINK/WHITE Wire Function. Option # 4 Selects ACC 2, IGN 2 or START 2.

TURBO TIMER MODE (Option 22)

The optional Turbo Timer mode allows the CoolStart system to keep a Turbo or Turbo Diesel vehicle running for 1, 3 or 5 minutes [selectively] after you remove the key and exit the vehicle. This is handy for turbo cool-down without the need for expensive turbo timers. The ***Default = OFF.***

To Activate Turbo Timer:
With the engine running by key, ***press Remote Start Button with brake pedal depressed.*** As you release the brake pedal, the Parking Lights and Status LED will blink the number of minutes for the Turbo Timer setting. The doors unlock after confirmation.



MANUAL TRANSMISSION MODE (Option 11)

MANUAL TRANSMISSION EXIT PROCEDURE (Option #11-1 and 11-3)

This system features a Manual Transmission Mode. When exiting the vehicle, there is safety check out procedure required for the manual transmission mode to work. There are 2 choices of operation,

1. ***Option 11-1:*** With engine running and vehicle in neutral, set parking brake, then press "KEY" Icon on transmitter. The remote starter will turn on and take over operation of the vehicle.
2. ***Option 11-3:*** With engine running and vehicle in neutral, set parking brake. The remote starter will turn on and take over operation of the vehicle.
3. Remove key, exit vehicle (remote starter unit must "SEE" door opened, then closed with engine running).
4. Press Lock button within 10 seconds of closing door for "Idle Down" (engine stays running). Press Lock a 2nd time to cancel "Idle Down" (engine turns off) and set up Manual Transmission Mode.
5. Press Lock button after 10 seconds to Lock the doors and shut down the engine. From this point, the system will remote start the engine unless a door is opened.
6. Press the Remote Start Button after closing door to set up Manual Transmission Mode without Locking or Arming OEM Alarm System.

TURBO TIMER in Manual Transmission Mode:
For Turbo Timer, press brake pedal before setting parking brake, then press the Remote Start Icon (requires Turbo Timer Option # 22). After exiting vehicle, press lock button to set Manual Transmission Mode. The engine will remain running for the Turbo Time setting (1, 3 or 5 minutes).

CONVENIENCE AND SAFETY FEATURES

KEYLESS ENTRY (Power Door Locks, may require Data Module - Optional)
This system enables you to remotely lock and unlock the vehicle's doors (if equipped with power locks) via remote control for safety and convenience. Note: This feature may require extra labor and/or parts to install. Press the Lock or Unlock transmitter button as you leave or come near the vehicle. Parking lights will flash once for Lock and twice for Unlock. The parking lights will turn on for 30 seconds with Unlock to assist in locating and providing illumination near your vehicle when approaching at night for safety. The parking light also turns off with ignition on. If vehicle is running by the remote start system, the lights will flash, but return back to solid.

DATA PORT

This unit includes DP Technology that will allow you to directly Plug-In our Data Port Bypass Modules. There are 2 types of Protocol, OFA series and SL series modules. The default is set for SL series Protocol. Please refer to Databus module manual for detail instructions. The Data Port Protocol must be programmed for the correct module.

See Option # 5 on page 15 for programming Data Port

Some vehicles require a Databus Module to Bypass the factory Immobilizer and operate the keyless entry

Databus modules are used to communicate with the vehicles computer at the OBD2 Data connector or Canbus wires. This reduces installation error. Crimestopper Systems with DP Series have a direct Data Port Plug-In for the Databus bypass module. This eliminates conventional wiring between the Alarm/Remote Starter and the bypass interface module.

Features Include

- Transponder Immobilizer.
- PassLock Immobilizer.
- O.E.M. Alarm Control.
- R.A.P. Shutdown.
- Power Door Locks.
- Priority Unlock.
- Trunk Release.
- Parking Lights.
- Courtesy Lights.
- Brake Pedal and Hand Brake
- Hood, Door and Trunk Status
- Tachometer.
- Heated Seats.
- Rear Defrost.
- Driver 1 and 2 Memory presets.

The actual features controlled depend on the vehicle and Databus module.

CRIMESTOPPER

www.crimestopper.com
Phone (800) 998-6880
FAX (805) 581-9500
© 2010 Crimestopper Security Products

TechWeb
ONLINE TECHNICAL SUPPORT
www.crimestopper.com

RS-1G2 / RS-3G2 / RS-4G2

RS-00G2 (ADD-ON MODULE)

COOL START

1 WAY SYSTEMS
REMOTE ENGINE STARTING SYSTEM
INSTALLATION INSTRUCTIONS

INTRODUCTION

CONGRATULATIONS on your choice of a "Cool Start" System with Data Port Technology for direct connection to bypass module by Crimestopper Security Products Inc. This booklet contains the information necessary for installing your remote starter system. If any questions arise, contact your installation dealer or Crimestopper Security Products Inc. at the Tech Support number below.

Note: Some features will not be available on units with 1 button, 3 button, and 4 button remotes.

DISCLAIMER:
This installation book is designed for the installer or individual with an existing understanding of automotive electrical systems, along with the ability to test and connect wires for proper operation. To ease installation, we suggest that you ***READ THIS MANUAL*** *before beginning your installation. This book is provided as a GENERAL GUIDELINE and the information contained herein may differ from your vehicle. Crimestopper Security Products, Inc. and its' vendors shall not be liable for any accident resulting from the use of this product. This system is designed to be professionally installed into a vehicle in which all systems and associated components are in perfect working condition.*

TECHNICAL SUPPORT: (800) 998-6880
Monday - Friday 8:00am - 4:30pm Pacific Std. Time
Web Site: www.crimestopper.com
E-mail: tech-support@crimestopper.com

CRIMESTOPPER SECURITY PRODUCTS, INC.
1770 S. TAPO STREET, SIMI VALLEY, CA. 93063

This device complies with FCC Rules part 15. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference that may be received, including interference that may cause undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modification could void the user's authority to use the equipment.

REV 06-2010