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RS-265-EDP+ / RS-260-EDP

Deluxe 1-Button Keyless Entry & Remote Start

December 19, 2014

Operation Guide v.1.1

Temporary cover. Color cover is in a separate file.

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Transmitter Overview

Transmitter part number:
2-way: 115-03 *(RS-265-EDP+ only)*
1-way: 113-03
Call your dealer or visit
www.caralarm.com to order
replacement transmitters.

Battery replacement:
Remove the small screw from the lower back case, and separate the transmitter halves. Replace the battery and reassemble the transmitter case.

115-03
Battery type:
CR2032 (Qty: 1)

113-03
Battery type:
CR2016 (Qty: 2)

"start" button

EXCALIBUR
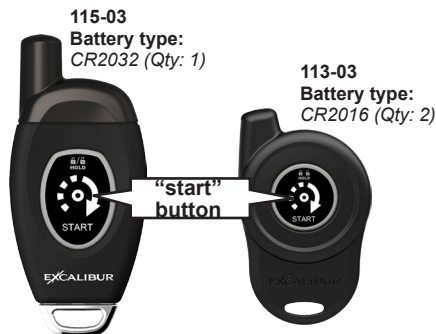
LOCK / ARM: While the system is unlocked / disarmed, Press and hold the "START" button for 1 second.

• THE SIREN / HORN WILL CHIRP & THE PARKING LIGHTS WILL FLASH ONCE.
• **2-WAY RESPONSE:** CONTROLLER WILL BEEP ONCE AND THE BUTTON WILL FLASH ONCE.

UNLOCK / DISARM: While the system is locked / armed, Press and hold the "START" button for 1 second.

• THE SIREN / HORN WILL CHIRP TWICE & THE PARKING LIGHTS WILL FLASH TWICE, THEN ILLUMINATE FOR 30 SECONDS.
• **2-WAY RESPONSE:** CONTROLLER WILL BEEP TWICE AND THE BUTTON WILL FLASH TWICE.

REMOTE START: Press and release the "START" button twice within 5 seconds. (see user feature #8 for additional options)

• THE PARKING LIGHTS WILL FLASH ONCE & THE STATUS LIGHT WILL FLASH RAPIDLY.
• **2-WAY RESPONSE:** THE CONTROLLER WILL PLAY A MELODY.
• THE SYSTEM WILL PROCEED TO START THE ENGINE.
• ONCE THE ENGINE IS RUNNING, THE PARKING LIGHTS WILL FLASH EVERY 1.5 SECONDS & THE STATUS LIGHTS WILL FLASH SLOWLY.
• **2-WAY RESPONSE:** THE CONTROLLER BUTTON WILL FLASH ONCE EVERY 2 SECONDS.

• If the engine stalls, the system will make up to 3 more attempts.

• Each time you park, set the climate controls as desired when you use the remote start. The engine will run for the preset run time (see user feature #1).

• **Run Time Expiration Warning (2-way models only)**: The controller will beep once when 1 minute remains in remote start cycle.

• **Run Time Extender**: Press the "START" button one time during remote start to restart the engine run timer.

NOTE: This can only be used once per remote start cycle.

• If you decide not to drive your vehicle, you can turn off the remote start using the same method to turn it on (Default = press "START" twice in 5 seconds)

NOTE: If remote start activation is programmed for 1 press, the 1st press activates Run Time Extender so an additional press is required to turn off remote start.

• Upon entering the vehicle during remote start mode, turn the ignition key to the "ON/RUN" position (**NOT START!!**). When you press the brake pedal, the remote start will turn off, allowing the ignition key to take over.

Other Remote Start Features

LOW BATTERY/LOW TEMP AUTOMATIC STARTING

NOTE: Temperature Related Features Are Only Available On EDP+ models.

This feature will automatically start the engine if the vehicle battery drops below 11 volts or the interior temperature drops to 15 (or 32) degrees fahrenheit. You must activate these features each time you park your car to use them. They can be activated with the following steps:

• Turn the ignition switch "on", then "off" (engine not running), and within 7 seconds press the valet switch twice. If there is a 2 second delay without additional valet button presses, the horn will honk 3 times activating low voltage start mode.

• To activate low temp starting, enter low voltage start mode as described above but, before the horn honks, press the valet switch 1 time (15 degrees) or 2 times (32 degrees) within 5 seconds. The horn will honk to confirm your selection.

NOTE: When low temp start mode is activated, low voltage start is also activated. These features will operate once every two hours until the ignition key is turned "ON".

TURBO TIMER FEATURE

This is recommended for vehicles equipped with a turbocharger. It allows the engine to idle after driving to cool the turbo. When this Installer Programmable Feature (#10) is enabled, the system will automatically keep the engine running as follows:

• With the engine running, hold the brake pedal and engage the parking brake.

When the brake pedal is released, the system will keep the engine running for the programmed time (1, 2, or 3 minutes), and then automatically turn it off.

• The system may be locked while the engine is running. Turbo Timer can be prevented from engaging, or "bypassed" if desired, by turning the engine off before engaging the parking brake.

PIT-STOP FEATURE

This feature allows you to leave your engine running for making quick errands. To use this feature, have the engine running normally from the ignition switch and your foot off the brake pedal. Press the Valet Switch twice; the parking lights will flash and the horn will chirp 5 times. Turn the key off and the engine will remain running for the programmed run time.

MANUAL TRANSMISSION STARTING

Remote starting with a manual transmission requires a different installation method and installer feature #11 must be turned on. Also, a setup procedure that ensures the transmission was left in neutral must be performed each time you leave your vehicle and intend to use remote start later. Make sure the system is in an "UNLOCKED" state then perform these steps:

1) With the car running, hold the brake pedal, apply the parking brake, release the brake pedal.
2) Use the transmitter as if you were activating remote start (default: press START twice). The status light will start to flash slow.
3) Turn off the ignition key and exit the vehicle.
4) LOCK the vehicle with the remote. The engine will shut down (unless turbo timer is on) and the status light will flash every 2 seconds to indicate it is ready to be remote started.

NOTE: Manual transmission setup will cancel if you enter the vehicle.

2-Way Controller Options (RS-265-EDP+ Only)

SELECTING MUTE & AUDIBLE MODES

To select between audible (default mode) and mute modes, open the controller case, remove the battery and do one of the following:

• AUDIBLE MODE: Insert the battery without pressing the controller button

• MUTE MODE: Insert the battery while pressing the controller button. The green light above the button will flash once, indicating that the controller is in mute mode. You will only receive visual confirmations (flashing button light) for system functions.

*This system is equipped with our exclusive **VIRTUAL ALARM** technology. The security functions described in this section are available as a simple upgrade from your dealer. It may require a plug-in module and some additional configuration, but will greatly enhance your system's capabilities and add theft deterrence to your vehicle.*
TALK TO YOUR DEALER TODAY ABOUT UPGRADING!

LAST DOOR ARMING

This system can be configured to arm automatically when all the vehicle's doors are closed (see user feature #9). When enabled, the siren/horn will chirp once when all of the doors are closed. It will start a 30 second countdown (indicated by a fast flashing status light) after which, the system will lock and/or arm. The 30 second arming delay will paused while a point of entry is open. Turning ON the ignition key will cancel the arming sequence until the key is turned off and the doors are all closed once again.
NOTE: Installer feature #13 must be on and the system must be wired for security.

AUTOMATIC REARMING

This automatically rearms the alarm if the system is disarmed from the remote. (see user feature #10). When disarmed by remote, the system will start a 90 second countdown (fast flashing status light) to arm the system. This is useful if the controller accidentally disarms the system when it's kept in a purse or pocket where other items could potentially press the buttons.
NOTE: Installer feature #13 must be on and the system must be wired for security functions

PRE-WARN DETECTION

EXTERNAL SENSORS ARE OPTIONAL UPGRADES. TALK TO YOUR DEALER. The optional impact sensor is designed, in addition to detecting a full impact, to warn away potential violators when it detects a light impact to the vehicle. The system will respond by chirping the siren/horn 3 times and locking the doors. This is very useful when an intruder attempts to unlock the door.

WHEN THE SYSTEM TRIGGERS

If the system were to be compromised while armed, it will trigger sounding the siren/horn and flashing the parking lights for 30 seconds (programmable). When disarming the system after a trigger event, the siren/horn will chirp 4 times and the parking lights will flash 4 times instead of the standard 2 times.

LOCK ON TRIGGER: If a door is opened when the system is triggered, it will wait until the door is closed again, then lock the doors. This patented feature is useful to further deny a thief of further access to the vehicle.

STORM SAFE MODE: When the system is triggered, disarming the system will stop the alarm from sounding but will leave the doors locked. This function is useful if you have a false triggering situation due to violent weather.

ZONE VIOLATION RECALL: The system is capable of telling you which zones were triggered last. The system's status light will flash to indicate which zone was triggered. This occurs during the alarm cycle AND after disarming. The system will store the last triggered zone until the vehicle's ignition key is turned on. See "The Status Light" section on page 9 for further explanation of this feature.

NUISANCE PREVENTION: If the system prewarns 5 times within 15 minutes, it will bypass the zone for the remainder of the 15 minutes before rearming the pre-warn zone. Additionally, if a full trigger zone is left open, the system will trigger a total of 3 times before bypassing the zone. Once the zone is closed, it will re-arm that zone.

Using The Valet Switch

EMERGENCY OVERRIDE

If your controller isn't usable and your alarm is armed, you'll need to perform an emergency override to disarm the system and use your vehicle. To do so, use the following steps:

STEP 1 - Enter the vehicle (the alarm should sound)

STEP 2 - Turn the ignition key to the "ON" position (do not crank the engine).

STEP 3 - Press the valet switch (located in the window-mount antenna) once.

STEP 4 - Turn the ignition "OFF".

VALET MODE

Valet mode disables all security & remote start functions. To enter Valet Mode:

STEP 1 - Disarm the system by remote or by performing an emergency override.

STEP 2 - Press and hold the valet switch for 2 seconds. The system will chirp once and the status light will turn on.

EXITING VALET MODE - Press and release the valet switch once. The status light will turn off.

The Status Light

The status lights, located in the window-mount antenna, provide a visual indication of the system's status.

SECURITY SYSTEM STATUS (must be enabled by installer)

OFF: The alarm is disarmed and not performing any automatic functions.

ON: The alarm is in valet mode.

FLASHING SLOW: The alarm is armed and monitoring all entry points.

FLASHING FAST: One of the automatic arming features is in progress.

AUTOMATIC TRANSMITTER VERIFICATION

Every time you turn on the ignition key, the status light will flash a number of times equal to the number of transmitters programmed to the system. This unique security feature combats potential thieves (valet attendant, mechanic, etc.) from adding their own transmitter without your knowledge and accessing your vehicle at a later time.

ALARM ZONE VIOLATION RECALL

If the security system is triggered, upon disarming, the status lights will flash a number of times to indicate exactly which zones, have been violated. It will store the last 2 violated circuits and continually repeat the flash pattern until the vehicle's ignition key is turned ON.

2 FLASHES: Hood trigger

3 FLASHES: Door trigger

4 FLASHES: Sensor port trigger

REMOTE START STATUS

FLASHING SLOW: The engine was remote started successfully and is running.

FLASHING FAST: The remote start sequence has begun

2 FLASHES, PAUSE: The engine is running while the alarm is armed.

REMOTE START DIAGNOSTICS

The remote start system can also indicate which zone caused the last remote start cycle to end. To see this indicator, place the system into valet mode. Immediately after the chirp, the status light will flash to indicate which zone violation occured.

1 FLASH: Run time expired.
2 FLASHES: Brake pedal was pressed or the hood was opened.
3 FLASHES: Engine stalled or a bad tach signal.
4 FLASHES: Received transmitter command to stop.
5 FLASHES: The neutral safety circuit was triggered.
6 FLASHES: The alarm was triggered or low battery voltage.

Anti-Carjacking Protection

The system is equipped with two separate Anti-Carjacking protection features (ignition, open door, or both) that are selectable via user feature #12. Once activated, the user has 60 seconds to cancel the Anti-Carjacking protection process (described below). If Anti-Carjacking is not cancelled, 53 seconds after being activated the siren will begin to chirp for 7 seconds to alert the user that the system is about to enter into an alarm condition. The Valet Switch may still be pressed once during this period to cancel the Anti-Carjacking process.

If the Anti-Carjacking process is not cancelled before the 60 second countdown expires, the system will enter an alarm condition, sounding the siren and flashing the parking lights. 30 seconds after this occurs, or should the ignition be turned off in the meantime, the stater interrupt will engage. Once the system enters the alarm condition, it will not respond to the transmitter, nor will the system reset automatically after 60 seconds, and it can only be disengaged by:

Step 1 Turning the vehicle's ignition off.
Step 2 Turning the ignition back on.
Step 3 Within 5 seconds, perform an Emergency Override using the Valet Switch.
TYPES OF ANTI-CARJACKING PROTECTION
Ignition Activated Anti-Carjacking activates every time the vehicle's ignition is turned on. The Valet Switch must be pressed within 60 seconds of activating to cancel Anti-Carjacking.
Door Anti-Carjacking (optional) activates when a door is opened after the vehicle is started and the engine is running. The Valet Switch must be pressed within 60 seconds after activation to cancel Anti-Carjacking.

Programming Transmitters

Standard Programming: This method to program additional or replacement transmitters does not affect the Unauthorized Transmitter Alert (UTA) feature. Before you begin, have all transmitters which are to operate the system at hand.
Step 1 Then, turn the ignition "on" (do not crank the engine).
Step 2 Within 5 seconds of Step 1, press the Valet Switch 5 times. The siren/horn will briefly sound & the status light will turn on, confirming that the system is ready to learn a transmitter code.
Step 3 Press the "**start**" button on each transmitter one at a time. The system will chirp the siren/horn once & the status light will turn off briefly to confirm that each was learned. If a code is not received within 10 seconds of Step 2, the learning process will automatically exit.
Step 4 Then, turn the ignition "off" or wait 10 seconds to exit programming.

Programming Features

A matrix of all programmable features and their options are on the last page of this guide. For detailed information on each feature, please refer to the next section. Use the procedure below to make any necessary changes.

TO MANUALLY CHANGE FEATURES:

Step 1 Turn the ignition key "ON", then "OFF"

Step 2 Within 5 seconds of step 1, press the valet switch 5 times to access user features (Press 10 times to access installer features).

~ The siren/horn will sound and the status light will turn on.

Step 3 Within 10 seconds of step 2, press the valet switch the number of times corresponding with the desired feature's number.

~ The siren/horn will chirp equal to the selected feature.

Step 4 Change the feature by pressing the transmitter button OR brake pedal the same number of times that corresponds with the desired setting (make all presses before hearing any chirps).

NOTE: some cars require the ignition to be on for the brake circuit to operate. In this case, turn on the ignition before pressing the brake.

~ The siren/horn will chirp equal to the selected setting.

Step 5 If you wish to change more features, repeat steps 3 & 4 at this time.

Step 6 To exit programming, turn the ignition key "ON" then "OFF". Or, it will exit automatically after 10 seconds of no activity.

User Programmable Features

Feature #1 - Remote Start Run Time

10 Minutes   (press "**start**" 1 time to program) **- DEFAULT**
5 Minutes   (press "**start**" 2 times to program)
15 Minutes   (press "**start**" 3 times to program)
20 Minutes   (press "**start**" 4 times to program)

This sets the maximum amount of time that the remote start will keep the engine running if it is not shut down by other methods.

Feature #2 - Flashing Light Confirmations

Unlock: ON, RS: ON   (press "**start**" 1 time to program)
Unlock: ON, RS: Flash   (press "**start**" 2 times to program)
Unlock: Flash, RS: ON   (press "**start**" 3 times to program)
Unlock: Flash, RS: Flash   (press "**start**" 4 times to program) **- DEFAULT**

This feature affects the parking light confirmations for system unlock & remote start functions. With the above options, you can select any combination of:

Unlock: Flash - Flashes twice after unlock

Unlock: ON - Flashes twice then stays on for 30 seconds after unlock

RS: ON - Stays on during remote start mode

RS: Flash - Flashes once every 1.5 seconds during remote start mode

Feature #3 - Confirmation Chirp Volume

Low (softest)   (press "**start**" 1 time to program)
Medium Low   (press "**start**" 2 times to program)
Medium High   (press "**start**" 3 times to program) **- DEFAULT**
High (loudest)   (press "**start**" 4 times to program)

This feature allows the choice of different chirp volume levels, and when programming it, each selection will be confirmed in the chosen volume making it easy to choose the most suitable setting.

Feature #4 - BROWN Wire Audible Output
Pulsed Horn Low   (press "**start**" 1 time to program) **- DEFAULT**
Pulsed Horn Medium   (press "**start**" 2 times to program)
Pulsed Horn High   (press "**start**" 3 times to program)
Steady Siren   (press "**start**" 4 times to program)
This changes the BROWN wire's audible output when the alarm is triggered. Steady siren must be selected when using a siren (other horn outputs stay at the Medium setting). The horn honk options will affect all horn honk outputs used as well as change the BROWN wire's function.

Feature #5 - Ignition Controlled Lock/Unlock
Off   (press "**start**" 1 time to program) **- DEFAULT**
Lock w/ Ignition On   (press "**start**" 2 times to program)
Unlock w/ Ignition Off   (press "**start**" 3 times to program)
Lock And Unlock w/ Ignition (press "**start**" 4 times to program)
This feature controls the lock/unlock operations when the ignition key is turned on/off.

Feature #6 - Open Door Bypass of Ignition Locking
On   (press "**start**" 1 time to program) **- DEFAULT**
Off (press "**start**" 2 times to program)
This feature cancels the automatic locking or unlocking of the vehicle's doors if one of the doors is open when the ignition switch is turned on or off.

Feature #7 - Unlock w/ Trunk Release
On   (press "**start**" 1 time to program) **- DEFAULT**
Off (press "**start**" 2 times to program)
"2nd channel" is most commonly used for trunk release, in which case the alarm should also disarm. This feature, when on, configures the system to unlock/disarm when the 2nd channel is activated. This feature is only available when using CarLink.

Feature #8 - Remote Start Activation From The Remote
Press "**start**" **button 1 time**   (press "**start**" 1 time to program)
Press "**start**" **button 2 times** (press "**start**" 2 times to program) **- DEFAULT**
Press "**start**" **button 3 times** (press "**start**" 3 times to program)
Press "**start**" **button 4 times** (press "**start**" 4 times to program)
This feature changes how the remote start feature is activated from the remote.

Feature #9 - Last Door Arming
Off   (press "**start**" 1 time to program) **- DEFAULT**
On w/o doors locking   (press "**start**" 2 times to program)
On w/ doors locking   (press "**start**" 3 times to program)
"Last Door Arming" has the system automatically arm itself every time you exit the vehicle (the complete operation is described on page 5).

Feature #10 - Automatic Rearming
Off   (press "**start**" 1 time to program) **- DEFAULT**
On w/o doors locking   (press "**start**" 2 times to program)
On w/ doors locking   (press "**start**" 3 times to program)
Enhanced auto rearm   (press "**start**" 4 times to program)
"Automatic Rearming", described on page 5, rearms the alarm if accidentally disarmed. Options are to have Automatic Rearming operate with or without also locking the doors when the system does rearm. Enhanced auto rearm allows you to cancel the rearming sequence by pressing unlock a 2nd time after disarming.

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User Programmable Features (cont'd)

Feature #11 - Confirmation Chirps

Siren + Horn	(press "**start**" 1 time to program)
Siren Only	(press "**start**" 2 times to program) **- DEFAULT**
On Demand (siren+horn)	(press "**start**" 3 times to program)
Off	(press "**start**" 4 times to program)

This feature selects whether the siren and/or horn give confirmation chirps. Both outputs will always sound when the alarm system is triggered or in panic mode.
NOTE: Both the siren and horn outputs must be connected for this feature to function.

Feature #12 - Anti-Carjacking

Ignition Only	(press "**start**" 1 time to program)
Door Only	(press "**start**" 2 times to program)
Ignition + Door	(press "**start**" 3 times to program)
Off	(press "**start**" 4 times to program) **- DEFAULT**

This selects between the 2 forms of anti-carjacking protection. Details on using anti-carjacking protection are described on page 7.

Installer Programmable Features

This group of Installer Programmable Features are all accessed as a group in the second level of features' programming. These features have a direct affect upon the system's operations related to the installation and vehicle type **AND SHOULD ONLY BE CHANGED BY THE INSTALLER!!!**

Feature #1 - Remote Start Activation From The WHITE/BLUE Wire

1 pulse (press "**start**" 1 time to program) **- DEFAULT**
2 pulses (press "**start**" 2 times to program)
3 pulses (press "**start**" 3 times to program)
4 pulses (press "**start**" 4 times to programm)

This feature changes how the remote start feature is activated from the (-) activation input wire.

Feature #2 - PINK/WHITE (IGN #2)Wire Function

Ignition (press "**start**" 1 time to program) **- DEFAULT**
Accessory (press "**start**" 2 times to program)
Starter (press "**start**" 3 times to program)

This feature changes the operation of the unit's large PINK/WHITE output wire. **This feature should only be programmed by the installer**.

Feature #3 - Engine Detection Method

Tachless Hi (press "**start**" 1 time to program) **- DEFAULT**
Tachless Lo (press "**start**" 2 times to program)
Tach Wire (press "**start**" 3 times to program)
Data Tach (press "**start**" 4 times to program)
Crank Only (press "**start**" 5 times to program)

This feature selects the method in which the remote start monitors the engine's running condition in remote start mode.

"Tachless Hi" sensitivity mode uses a preset crank time (see installer feature #7) and monitors the vehicle's voltage level to determine if the engine is running. This setting looks for a voltage increase of 0.3v after cranking.

"Tachless Lo" sensitivity mode operates like the "Tachless Hi" setting but looks for a voltage increase of 0.5v after cranking.

"Tach Wire" Before this setting is programmed, refer to the "Violet/White wire" section of the installation manual for proper wiring connection and the Tach Learn Procedure. It will crank the engine for up to 3 seconds or until a tach signal is detected.

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"Data Tach" mode operates just like the "Tach Wire" setting except it takes its reading from the D2D data port instead of using the Violet/White wire. Before using, make sure this function is supported by the Databus Interface module.

"Crank Only" AKA "blind start" is similar to the "Tachless" settings however, it only makes one start attempt and does not monitor engine running conditions. This is useful for many "push-to-start" vehicles.

Feature #4 - Gasoline Or Diesel Engine

Gasoline (press "**start**" 1 time to program) **- DEFAULT**
Diesel 15 Sec. Delay (press "**start**" 2 times to program)
Diesel 20 Sec. Delay (press "**start**" 3 times to program)
Diesel 30 Sec. Delay (press "**start**" 4 times to program)

This feature changes the system's timing of the ignition and starter output sequence for gas or diesel engines. <u>Gasoline</u>: the starter output will occur 3 seconds after the ignitions turn on. When in "Tachless" mode, the engine running status is determined 10 seconds after starting. <u>Diesel</u>: the starter output will occur 15, 20, or 30 seconds after the ignitions turn on (allows for glow plug warming). When in "Tachless" mode, the engine running status will be determined 40 seconds after cranking.

Feature #5 - Satellite Port, Green Wire Function

Dome Light Output (press "**start**" 1 time to program)
Start (press "**start**" 2 times to program) **- DEFAULT**
Ignition Output (press "**start**" 3 times to program)
Accessory Output (press "**start**" 4 times to program)
Status (press "**start**" 5 times to program)

This determines the function of the Green wire on the satellite relay port. This output can be programmed for different functions as needed.

Feature #6 Satellite Port, Blue Wire Function

Ignition (press "**start**" 1 time to program)
Status / GWR (press "**start**" 2 times to program) **- DEFAULT**
Defrost Pulse (press "**start**" 3 times to program)
Pulse After Engine Off (press "**start**" 4 times to program)
Horn (press "**start**" 5 times to program)

This determines the function of the Blue wire on the Blue satellite relay port.

The Status setting turns on briefly before the Ignition output and stays on during remote start mode. The other pulse settings give a 0.8 second pulse under the selected condition. **Defrost Pulse** will send a pulse after start only when the cabin temperature is below freezing. On non-EDP+ models, this setting will always send a pulse after start.

Feature #7 - Starter Cranking Time

0.75 Second (press "**start**" 1 time to program) **- DEFAULT**
1.00 Second (press "**start**" 2 times to program)
1.5 Seconds (press "**start**" 3 times to program)
2.25 Seconds (press "**start**" 4 times to program)

This feature determines the crank time of the 1st start attempt when in "Tachless" mode. If the engine doesn't start on the first attempt, it will retry up to 3 more times extending the crank time by an additional 0.2 second with each attempt..

Installer Programmable Features (cont'd)

Feature #8 - Door Lock/Unlock Outputs

0.8 Second Outputs (press "**start**" 1 time to program) **- DEFAULT**
3 Second Outputs (press "**start**" 2 times to program)
Double Pulse Unlock Output (press "**start**" 3 times to program)
Total Closure Lock Output (press "**start**" 4 times to program)

This changes the system's doorlocking outputs to suite different vehicle requirements. The total closure setting provides a 28 second lock pulse (press LOCK or UNLOCK is during the pulse to stop it) and a 0.8 second unlock pulse.

Feature #9 Remote Start Lock Control

Off (press "**start**" 1 time to program) **- DEFAULT**
Lock After Start (press "**start**" 2 times to program)
Unlock before start (press "**start**" 3 times to program)
Unlock Before RS & Lock After RS (press "**start**" 4 times to program)

This feature allows for OEM alarm/lock control in relation to remote start operations thus eliminating extra wiring for OEM alarm control.

Feature #10 - Turbo Timer

Off (press "**start**" 1 time to program) **- DEFAULT**
Run 1 Minute (press "**start**" 2 times to program)
Run 2 Minutes (press "**start**" 3 times to program)
Run 3 Minutes (press "**start**" 4 times to program)

This feature, the operation of which is described on page 7, when turned on
configures the system to automatically keep the engine running briefly after the key is turned off. This operation is designed specifically for vehicles with turbocharged engines. NOTE: This feature is dependent on the proper wiring of the neutral safety circuit.

Feature #11 - Manual Transmission Mode

On (press "**start**" 1 time to program)
Off (press "**start"** 2 times to program) **- DEFAULT**

This feature changes the parameters of the system's remote start operation to be suitable for manual transmission-equipped vehicles via a "setup" procedure which must be followed upon exiting the vehicle to ensure the transmission is in neutral.

Feature #12 Data Port Protocol

Green: DBI, Black: DBI (press "**start**" 1 time to program) **- DEFAULT**
Green: iData, Black: iData (press "**start**" 2 times to program)
Green: DBI, Black: iData (press "**start**" 3 times to program)
Green: iData, Black: DBI (press "**start**" 4 times to program)

This feature determines which data protocol is used on each data port. Choose this based on the accessory being connected to the port. **NOTE: When a BLADE is inserted, this feature automatically switches to the ADS protocol.**

Feature #13 - Virtual Alarm

On (press "**lock**" button to program)
Off (press "**unlock**" button to program) **- DEFAULT**
Off / 1-Button Unlock Only (press "**trunk**" button to program)

This feature converts the system into a Security/Remote Start System by enabling antitheft alarm-oriented operations and features. *OPTIONAL MODULES MAY BE REQUIRED.* The "Off / 1-Button Unlock Only" setting disables the LOCK function from 1-button remotes.

Feature #14 - Pulse Ignition On Disarm

On   (press "**start**" 1 time to program)

Off   (press "**start**" 2 times to program) **- DEFAULT**

This feature will pulse the ignition and activate any attached immobilizer bypass module for vehicles that require the ignition to be turned on to disarm the OEM alarm.

Feature #15   Lock On Prewarn

On   (press "**start**" 1 time to program) **- DEFAULT**

Off   (press "**start**" 2 times to program)

This feature will automatically lock the doors to combat unauthorized entry from lock picking when the prewarn zone is triggered.

Feature #16 - Starter Interrupt Output Functions (EDP+ Models Only)

Alarm Only   (press "**start**" 1 time to program)

Anti-Grind Only   (press "**start**" 2 times to program) **- DEFAULT**

Alarm & Anti-Grind (press "**start**" 3 times to program)

Automatic   (press "**start**" 4 times to program)

Alarm Only - The Starter Interrupt is operable whenever the alarm is armed.

Anti-Grind Only - The Starter Interrupt is operable whenever remote start is on.

Alarm & Anti-Grind - This setting engages starter interrupt when the alarm is armed AND when the system is in remote start mode. This prevents the starter from grinding if the user accidentally turns the key to "START" during remote start.

Automatic - This will cause the Starter Interrupt output to automatically engage 90 seconds after the ignition switch is turned "off", and after disarming the system.

Feature #17   Low Temp Crank Extender (EDP+ Models Only)

0ms (Off)   (press "**start**" 1 time to program)

200ms   (press "**start**" 2 times to program) **- DEFAULT**

300ms   (press "**start**" 3 times to program)

400ms   (press "**start**" 4 times to program)

When the vehicle's interior temperature is below freezing, this feature adds extra crank time to the base timing (see installer feature #7). It applies to tachless modes only (installer feature #3).

User Feature Programming: Ignition on, off, press valet 5 times					
# Feature	Start Button 1 time	Start button 2 times	Start button 3 times	Start button 4 times	Start Button 5 times
1 Remote Start Run Time	10 min	5 min	15 min	20 min	
2 Flashing Light Confirmations	Unlock: ON RS: ON	Unlock: ON RS: Flash	Unlock: Flash RS: ON	Unlock: Flash RS: Flash	
3 Confirmation Chirp Volume	Low	Med-Low	Med-High	High	
4 BROWN Wire: Siren / Pulsed Horn	Pulse LOW	Pulse MED	Pulse HI	Steady Siren	
5 Ignition Lock / Unlock	Off	Ign On = Lock	Ign. Off = Unlock	Lock + Unlock	
6 Door Open Bypass for Feat. #5	On	Off			
7 Unlock w/ Trunk Release	On	Off			
8 RS Activation (Remote)	Start x 1	Start x 2	Start x 3	Start x 4	
9 Last Door Arming	Off	On w/o Lock*	On w/ Lock*		
10 Automatic Rearming	Off	On w/o Lock	On w/ Lock	Enhanced	
11 Confirmation Chirps	Siren + Horn	Siren Only	On Demand	Off	
12 Anti-Carjacking	Ignition	Door*	Ignition + Door*	Off	
Installer Feature Programming: Ignition on, off, press valet 10 times					
1 RS Activation (WHITE/BLUE wire)	1 Pulse	2 pulses	3 pulses	4 pulses	
2 PINK/WHITE Wire	Ignition	Accessory	Starter		
3 Engine Detection	Tachless Hi	Tachless Lo	Tach Wire	Data-tach	Crank Only
4 Gasoline or Diesel Engine	Gasoline	15 sec Diesel	20 sec Diesel	30 sec Diesel	
5 Sat Port GREEN Wire	Dome Light	Start	Ignition	Accessory	Status
6 Sat Port BLUE Wire	Ignition	Status	Pulse After Start below freezing	Pulse After Engine Off	Horn
7 Crank Time	0.75 sec	1 sec	1.5 sec	2.25 sec	
8 Door Lock/Unlock Outputs	0.8 sec	3 sec	Double Unlock	Total Closure	
9 Remote Start Lock Control	Off	Lock after Start	Unlock before Start	Lock + Unlock	
10 Turbo Timer	Off	1 min	2 min	3 min	
11 Manual Transmission	On	Off			
12 Data Port Protocol	Green: DBI Black: DBI	Green: DBI Black: iData	Green: DBI Black: iData	Green: iData Black: DBI	
13 Virtual Alarm	On	Off	Off / 1-button Unlock Only		
14 Pulse Ign. on Disarm	On	Off			
15 Lock On Prewarn	On	Off			
16 Starter Interrupt *(EDP+ models only)*	Alarm Only	Anti-grind Only	Alarm/Anti-Grind	Automatic	
17 Low Temp Crank Extender *(EDP+ models only)*	0 ms	200 ms	300 ms	400 ms	

Grey Background = **VIRTUAL ALARM** (installer feature #13) Must Be ON
* Door Status Is Required On Data Ports Via External Module.

CONVENIENCE / **SECURITY** / **INSTALLER ONLY**

Back Cover

Color cover is in a separate file.