



Model APS901TWE
Owner's Manual

Single Channel Remote Car Starter

FEATURES :

1 Programmable RF Transmitter, 1 Programmable RF Transceiver

Single Channel Receiver (capable of accepting 4 transmitters)

External Spread Spectrum Transceiver w/PushButton Switch & LED

On-Board Start Relay

On-Board Accessory Relay

On-Board Ignition 1 Relay

On-Board Ignition 2 Relay

Ignition 2 Relay Selectable On or Off During Cranking

On-Board Parking Light Relay

Ignition 3 / Shock By-Pass / GM VAT Output (relay required)

Tach Signal Learning Circuit

Two (+) and Two (-) Safety Shutdown Circuits

Alarm By-Pass Output

Accessory Outputs (Pulse Before & After Start, During Crank & After Shut Down)

Selectable Steady or Flashing Parking Lights for Run Indication

Selectable 5, 10, 15, 20, 45, and 60 Minute Run Time

Car Finder Mode

Optional Door Unlock Feature For Vehicles Equipped With Power Doors
(Only operational while running under control of the remote start unit.)

PATENTED: www.voxxintl.com/company/patents

128-9473

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REMOTE STARTING THE VEHICLE

This will not start the vehicle if any one of the following situations exists:

- ♦The vehicle's hood lid is opened.
- ♦The gear shift selector is not in Park.
- ♦The brake pedal is depressed.
- ♦The system is in the override mode



1. To start the vehicle, press and release the transmitter button two times within 2 seconds.

The vehicle will start and remain running for the pre-programmed time of up to a 60 minute run cycle. As a visual indication, the parking lights will flash or remain on depending on the setting by your installation center. Additionally if the two way transceiver, shown right, is used, the transceiver will

play a melody when the vehicle is started, and the LED displayed in the center of the transmitter button will flash every ten seconds while the vehicle is running.

2. When you arrive at the vehicle, turn the ignition key to the ON position (not the spring loaded start position), then step on the brake pedal to disengage the remote starter. The vehicle will continue to run, but now on its own power.

NOTE: The engine will stop running before the pre-programmed run cycle has expired if you perform any one of the following functions:

- ♦Press and the button on the keychain transmitter two times within 2 seconds
- ♦Depress the brake pedal
- ♦Open the vehicle's hood
- ♦Place the unit in the safety control disabled mode.

PUSH-BUTTON LED RECEIVER VALET/OVERRIDE/SAFETY CONTROL SWITCH

The Push-Button LED switch located in the receiver allows you to temporarily disable the remote starting function of the system. This is recommended whenever the vehicle is being serviced. To place the system in the service mode:

1. With the vehicle disarmed/unlocked, and the ignition switch off, press and hold the Push-Button, found on the windsheild receiver.
2. Turn the ignition switch on, off, on, off, on, off.
3. The LED begins to flash two short flashes followed by one long flashes and continues this pattern until returned to normal mode of operation. This puts the unit into the R/S Override mode indicating that the remote start is in the service mode and will not start from RF or any other input Posse or otherwise.

To Exit R/S Override Mode:

1. With the system disarmed/unlocked, press and hold the Push-Button, found on the windsheild receiver, in.
2. Turn the ignition switch on, off, on, off, on, off.
3. The LED turns off indicating that the R/S unit is fully functional once again.

UNLOCKING THE VEHICLE:

If you have an electric door lock, and the Optional Unlock feature was added, with the vehicle running under command of the remote start unit, press and hold the transmitter button for 3 seconds until the doors unlock.

CAR FINDER MODE:

Anytime the vehicle is not running under control of the remote start unit, within operating range of the vehicle, press and hold the push-button of the hand held transmitter for 4 seconds to activate the car finder mode. The vehicle lights & or horn will flash - sound for 30 seconds or until the push-button is again pressed and released.

TELEMATIC UPGRADE:

This system has the ability to have a telematic upgrade module connected to it. This is an upgrade that can give you control of certain functions of your vehicle from a telephone, or in some cases a computer interface. Please check with your installation center for most recent Telematic Upgrades. If you had a Telematic Upgrade installed, the manual supplied with the upgrade unit will provide an operator's manual advising of the features of the system and means available to control these features of your vehicle.

PROGRAMMING NEW OR REPLACEMENT TRANSMITTERS (BANK 1)

**The Transmitter Model Names 151SP & 1BER15SP are also Found On Back Of Transmitter Case.
Use Battery CR2032 For 151SP. Use (2) CR 2025's For 1BER15SP**

1. Turn the ignition key to the on position.
2. Press and release the valet/programming switch 3 times (Siren Chirps).
3. Press the Transmitter Button of each transmitter you want programmed until you hear a chirp from the horn or siren or the Parking Lights Flash
4. Turn the ignition switch off.

The above action programs the Start function for this system.

Transmitter Battery Replacement

- 1) Locate and remove the two "00" point philips head screw on the back of the transmitter case.
- 2) Carefully separate the front case from the rear.
- 3) Slide the battery(s) out from under the battery clip and dispose of properly.
- 4) Install the new battery(s) with the (+) side facing up away from the circuit board.
- 5) Close the case and reassemble in reverse of disassembly

FUNCTION SETTING CHART

To be completed by installer:

Run Time 5 Min 10 Min 15 Min 20 Min 45 Min 60 Min

While Running Unlock Yes No

Lights Pulse Steady

CAUTION!

A running vehicle produces dangerous carbon monoxide gas which can be fatal if prolonged exposure occurs. Be certain the vehicle is outdoors before activating the remote start function.

FCC COMPLIANCE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

Warning!

Changes or modifications made to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

**To purchase replacement transmitters
or to get additional product information go to:
www.pursuitcarsecurity.com**

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