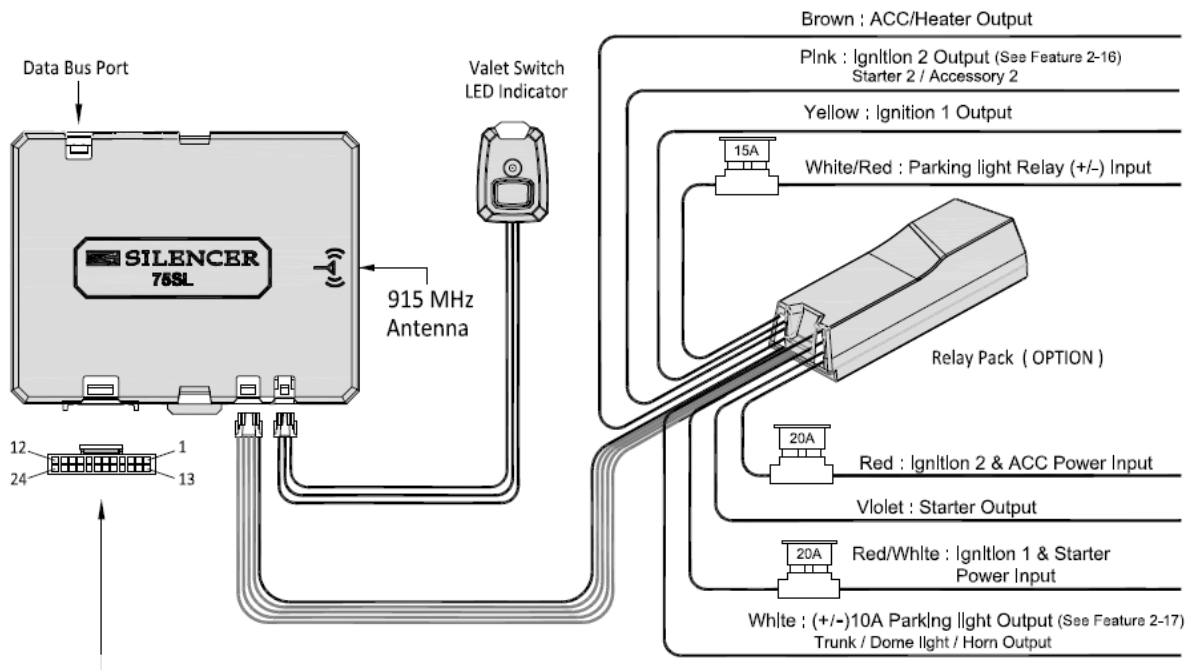


ALA-75R INSTALLATION AND PROGRAMMING INSTRUCTIONS



8-Pin Heavy Gauge Wire Harness From Relay Pack (Option)

Keep wiring away from moving engine parts, exhaust pipes and high-tension cable. Be sure to tape wires that pass through holes on the firewall to prevent fraying.

CAUTION: Do not connect the 8 pin wire harness to the control module until all wiring to vehicle is complete.

Remember that what the system does to start a vehicle is to duplicate the functions of the ignition key switch! Below, we will explain the three basic functions of the ignition switch. Since this installation will require analysis of the ignition switch functions, we recommend making the three connections below at the ignition switch harness directly.

Violet Wire—Starter Output

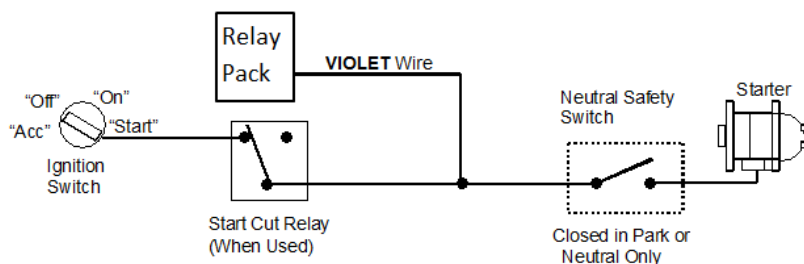
Careful consideration for the connection of this wire must be made to prevent the vehicle from starting while in gear. Understanding the difference between a mechanical and an electrical Neutral Start Switch will allow you to properly identify the circuit and select the correct installation method. In addition you will realize why the connection of the safety wire is required for all mechanical switch configurations.

Failure to make this connection properly can result in **personal injury and property damage.**

In all installations it is the responsibility of the installing technician to test the remote start unit and assure that the vehicle cannot start via RF control in any gear selection other than park or neutral.

In both mechanical and electrical neutral start switch configurations, the connection of the VIOLET wire will be made to the low current start solenoid wire of the ignition switch harness. This wire has +12 volts when the ignition switch is turned to the "START" (CRANK) position only. This wire has 0 volts in all other ignition switch positions.

NOTE: This wire must be connected to the vehicle side of the starter cut relay (when used). For the electrical neutral switch configuration, this connection must be made between the starter inhibit relay (when used) and the neutral safety switch as shown in the following diagram. Failure to connect this wire to the ignition switch side of the neutral safety switch can result in personal injury and property damage. SEE NEUTRAL START SAFETY TEST IN 75SL INSTALLATION MANUAL FOR FURTHER DETAILS.



Red Wire — +12V Power Input

The red wire is source of current for ignition 2 and ACC power on the relay pack. They must be connected to a high current source. Since the factory supplies (+) 12V to the key switch that is used to operate the motor, it is recommended that these wires be connected there.

Red / White Wire — +12V Power Input

The red / white wire is the source of current for ignition 1 and starter power on the relay pack. They must be connected to a high current source. Since the factory supplies (+) 12V to the key switch that is used to operate the motor, it is recommended that these wires be connected there.

Yellow Wire – Ignition 1 Output

Connect the YELLOW wire to the ignition 1 wire from the ignition switch. The ignition wire should receive “12 volts” when the ignition key is in the “ON” or “RUN” and “START” or “CRANK” position. When the ignition is turned “OFF”, the ignition wire should receive “0” voltage. **The YELLOW wire must be connected.**

Pink Wire – Ignition 2 Output –

(Factory default setting) (See Feature Bank 2-16)

Some vehicles have [2] ignition wires that must be power. Connect the PINK wire to the ignition 2 wire from the ignition switch. The ignition wire should receive “12 volts” when the ignition key is in the “ON” or “RUN” and “START” or “CRANK” position. When the ignition is turned “OFF”, the ignition wire should receive “0” voltage. If the PINK wire is not used, cap the end of the wire.

Programmable output: Ignition, Accessory, Start.

Brown Wire – Accessory Output (Heater /AC Output)

Connect the BROWN wire to the accessory wire in the vehicle that powers the climate control system.

An accessory wire will show + 12 volts when the ignition switch is turned to the “ACCESSORY” or “ON” and “RUN” positions, and will show 0 Volts when the key is turned to the “OFF” and “START” or “CRANK” position. There will often be more than one accessory wire in the ignition harness. The correct accessory wire will provide power to the vehicle’s climate control system. Some vehicles may have separate wires for the blower motor and the air conditioning compressor. In such cases, it will be necessary to add a relay to power the second accessory wire.

White / Red Wire –Parking Light Relay Input —

This wire is the common contact of the on board parking light flasher relay. If the vehicle you are working on has +12 volt switched parking lights, connect this wire to a fused + 12 volt source. (Max. 15 Amps)



Note: If the vehicle’s parking lights are ground switched, connect this wire to chassis ground.

White Wire — Parking Light Relay Output — (See Feature Bank 2-17)

Connect the White wire to the parking light wire coming from the headlight switch. Do not connect the White wire to the dashboard lighting dimmer switch. (**Damage to the dimmer will result**). The limitation of the White wire is 10 AMP max. Do not exceed this limit or damage to the alarm and parking relay will result.

Programmable output: Parking Light, Trunk, Dome Light, Horn.

Feature Configuration Programming:

1. Turn the Ignition ‘switch “On/Off” 3 times and stay in the “Off” position.
 2. Press and hold the valet/override button until a long chirp is heard, then release the valet/override switch. You are now in the feature programming mode.
 3. Select feature bank 2. Press and release the (trunk icon) until you hear 2 chirps from the car horn or siren and the display in the LCD transmitter is showing “b2”.
 4. Use the transmitter * button to scroll through the selections in each feature, the system will chirp and the LCD will display 2-16 or 2-17 text to match the feature number.
 5. Press the transmitter  button to change the desired feature (Opt.), the system will chirp and the LCD will display 3 text to match the Opt. feature number.
- EXIT:** Turn the ignition “ON” to exit the setting. 3 long chirps from siren/horn to confirm.
- Back to Factory Setting:** Press and hold the  button for 3 seconds to reset the feature to the factory default setting.

Feature Bank 2 (2 Chirps) - Convenience Feature

	Feature	Opt. 1 1 chirp	Opt. 2 2 chirps	Opt.3 3 chirps	Opt. 4 4 chirps	Opt. 5+ 5+ chirps
2-16	Thick Pink Wire (Relay Pack)	Ignition 2 Output	Start 2 Output	ACC 2 Output		
2-17	White Wire (Relay Pack)	Parking Light Output	Trunk Output	Dome light Output	Horn Output	