INSTALLATION INSTRUCTIONS

Models: 6908, 6908A, 6918, 6928

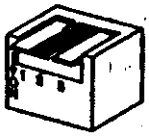
Switch #3: Current Sensing

Note: This feature can be programmed using the #3 Dip switch in both the dealer and consumer modes.

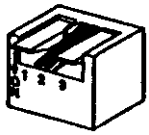
Place Dip switch #3 in the "on" position to have the current sensing feature on.

Place Dip switch #3 in the "off" position to have the current sensing feature off.

Difference Between If a Dip Switch In Off or On



#2 Dip Switch in the "Off" Position



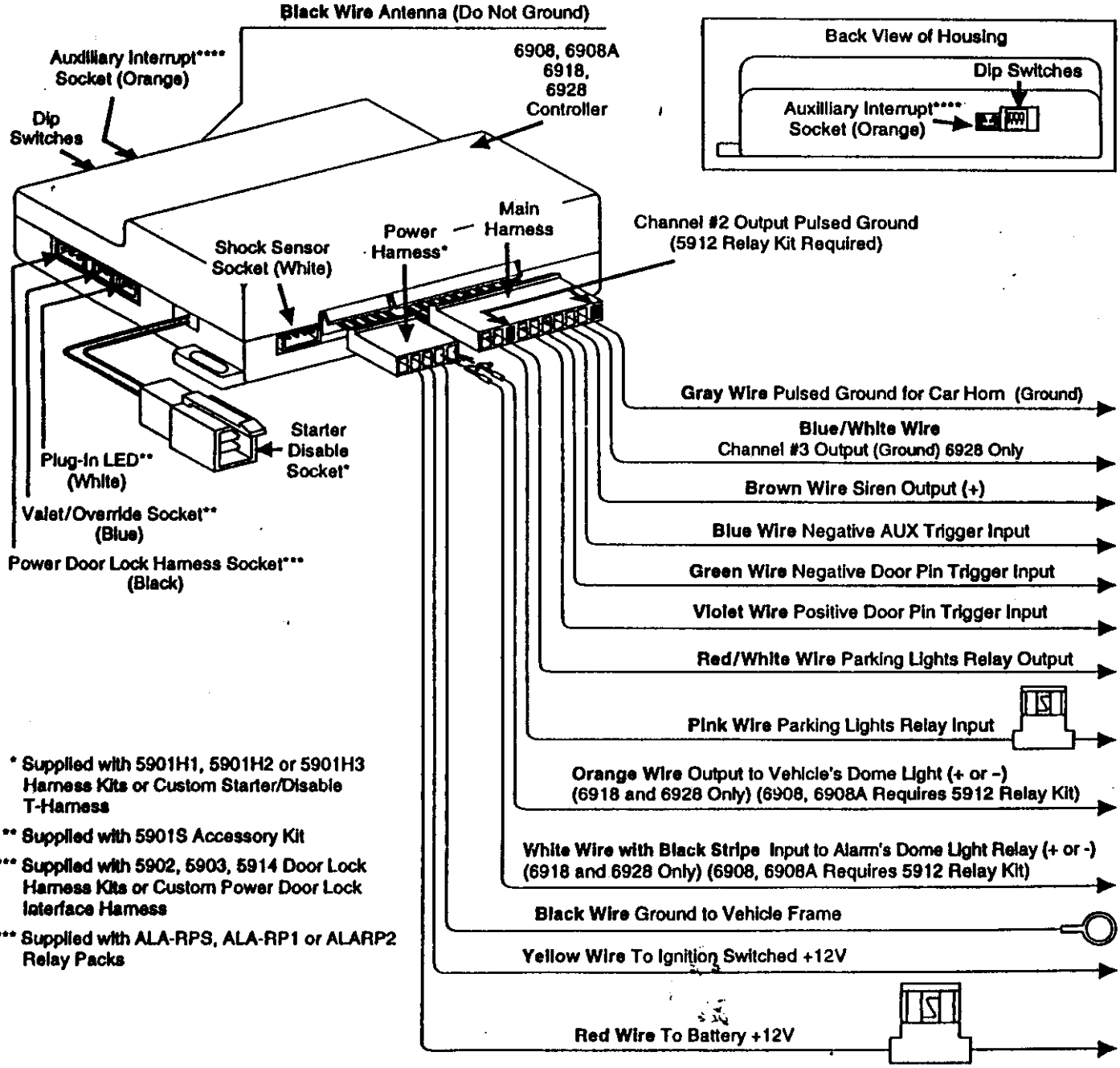
#2 Dip Switch in the "On" Position

Step 4: Final Assembly

A. Secure the control module with screws to the firewall or kick panel or use wire ties and secure the control module to an existing wire loom.

B. Turn the ignition key on first then plug-in the power harness to power up the control module in a disarmed condition.
Warning! If you plug-in the power harness without turning on the ignition key first, the control module will power up in triggered mode and the horn/siren will begin sounding.

C. Follow the directions located in the separate dealer transmitter coding and remote feature programming sheets to code in the transmitters to the control module and program the feature operations.



* Supplied with 5901H1, 5901H2 or 5901H3 Harness Kits or Custom Starter/Disable T-Harness

** Supplied with 5901S Accessory Kit

*** Supplied with 5902, 5903, 5914 Door Lock Harness Kits or Custom Power Door Lock Interface Harness

**** Supplied with ALA-RPS, ALA-RP1 or ALARP2 Relay Packs

SILENCER SECURITY SYSTEMS

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Compton, CA 90220

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Montreal, Quebec H4R 2N7

6900INS

7-11-97 Rev. A

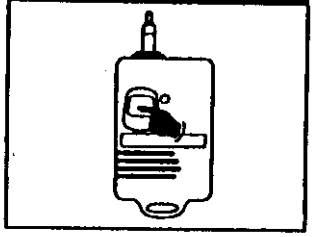
SILENCER® SECURITY SYSTEMS

Models: 6908, 6908A, 6918, 6928

CONSUMER TRANSMITTER CODING

Changing the Transmitter Operation from a Dealer Transmitter to a Consumer Transmitter

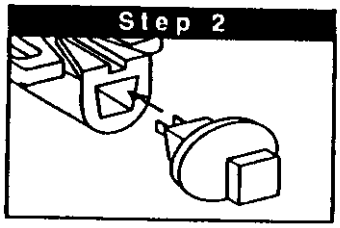
Step 1



Disarm Security System

The LED will begin to flash fast. The horn/siren may emit 2 chirps, (depending on the dealer feature programming).

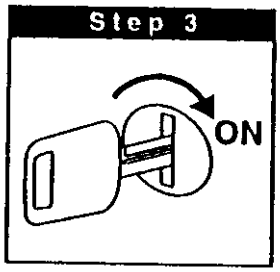
Step 2



Insert the Valet Switch

Dealer Switch (Red Button)	Consumer Switch (Black Button)
Momentary Switch Push On/Off	Toggle Switch Push it On then Push it again for Off

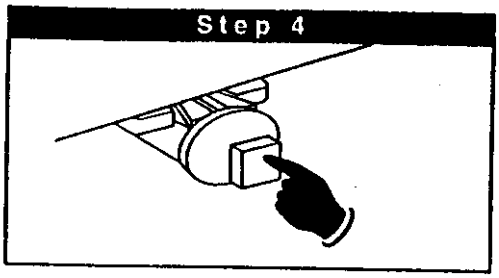
Step 3



Turn On Ignition

The LED will be off.

Step 4

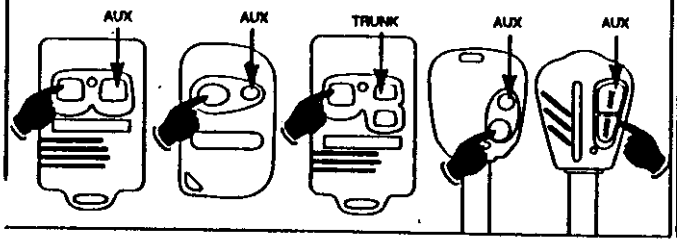


Push the Valet Switch:
3 Times If Using Red Button Switch
6 Times If Using Black Button Switch
(Represents 3 Times On/Off)

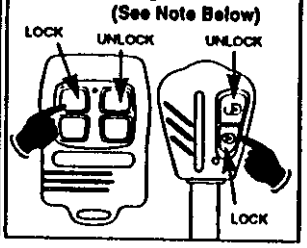
The LED will be on solid and the horn/siren will emit 1 long chirp. You are now in the transmitter code learning mode.

Step 5

Regular Transmitters



Code Hopping Transmitters (See Note Below)

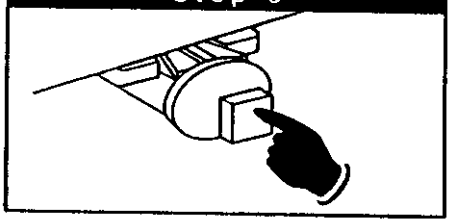


Push Arm/Disarm (Regular) or Lock Button (Code Hopping)

The LED will begin flashing slowly and the horn/siren will emit 1 short chirp. The arm/disarm code has now been learned. Both transmitters supplied are coded alike so there is no need to code in the remaining transmitter.

Note 1: "Regular" transmitters supplied are coded alike so there is no need to code in the second transmitter. Go to Step 6.
Note 2: "Code Hopping" transmitters supplied are "Not" coded alike so you need to code in the second transmitter now by pushing the "Lock" button on the second transmitter.
Note 3: If you are coding a "Code Hopping" transmitters, skip steps 6 and 7 and go to step 8. No further coding procedures are necessary. Code hopping transmitters learn all button functions when the "LOCK" button is learned.

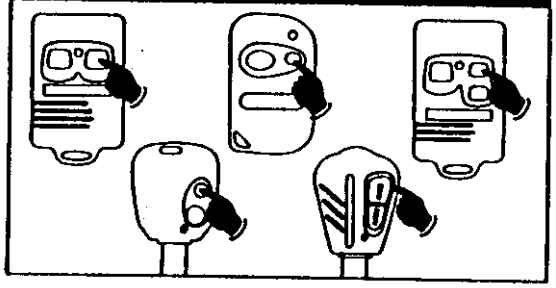
Step 6



Push the Valet Switch:
1 Time If Using Red Button Switch
2 Times If Using Black Button Switch
(Represents 1 Time On/Off)

The LED will be solid red and the horn/siren will chirp 1 time.

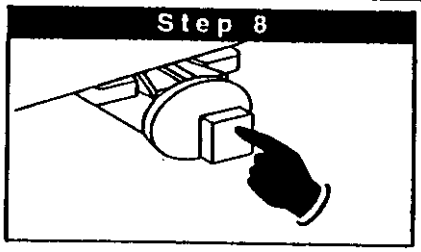
Step 7



Push the "AUX" Button (2 Button Transmitters) or "TRUNK" Button (3 Button Transmitter)

The LED will begin flashing slowly and the horn/siren will chirp 2 times.
Note: If you are coding a 2-button transmitter, skip steps 8 and 9 and go to step 10. No further coding procedures are necessary.

Step 8



To Code the "AUX" Button of a 3-Button Transmitter Push the Valet Switch:
1 Time if using a Red Button
2 Times if using a Black Button
(Represents 1 Time On/Off)

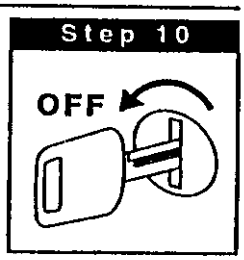
The LED will be solid red and the horn/siren will chirp 1 time.

Step 9

Push the "AUX" Button

The LED will begin flashing slowly and the horn/siren will chirp 3 times.

Step 10



Turn Off the Ignition

The horn/siren will emit 1 short chirp and 1 long chirp. You are now out of the consumer transmitter code learning mode. The LED is off.

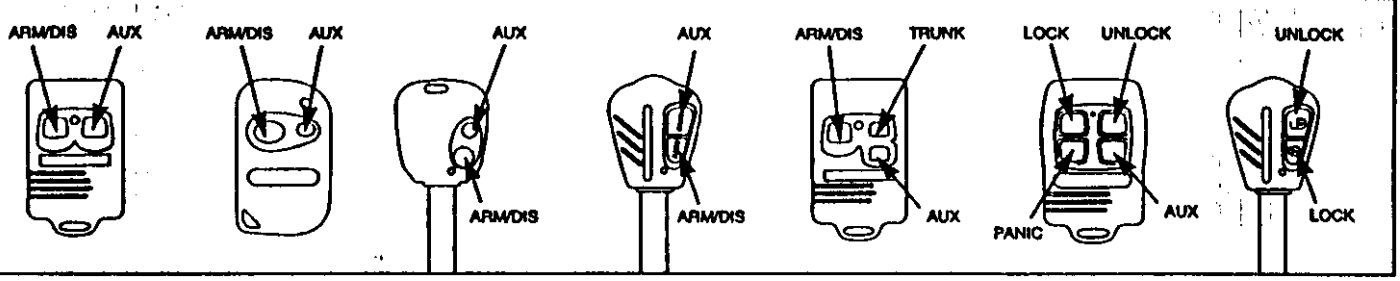
Follow the directions on the reverse of this page to complete any feature programming that is required.

Note 1: Once a consumer transmitter is coded into the units memory, the dealer transmitter will no longer operate the security system.

Note 2: In the event that the consumer wishes to purchase additional transmitters, the Silencer® control module will accept 4 consumer transmitter codes. To code additional transmitters repeat steps 1 thru 10 as they apply.

Consumer Remote Feature Programming (6908, 6908A, 6918, 6928)

Remote Feature Programming Using the Consumer's Transmitter



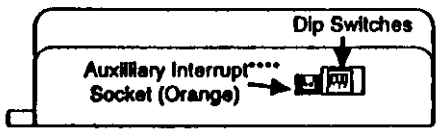
#	Button	Function	Confirmation = Change Function
1	ARM/DIS or LOCK	Chirp Status Indication	1 Beep = Chirp Status Indication "On"
			2 Beeps = Chirp Status Indication "Off"
2A	AUX (2-Button) or TRUNK (3-Button) or UNLOCK	Mode "P"	1 Beep = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 10 seconds after last door is closed or rearm 10 seconds after remote disarm.
			2 Beeps = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 20 seconds after last door is closed or rearm 20 seconds after remote disarm.
			3 Beeps = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 30 seconds after last door is closed or rearm 60 seconds after remote disarm.
			4 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "On". The starter will disable 70 seconds after last door is closed.
			5 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "Off"
2B	AUX (2-Button) or TRUNK (3-Button) or UNLOCK	Mode "S"	1 Beep = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 30 seconds after last door is closed.
			2 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "On" The starter will disable 70 seconds after last door is closed.
3	AUX (3-Button)*	Silent Arming from 3 Button Transmitter Aux Button	1 Beep = Silent Arming from 3 Button Transmitter Aux Button "On"
			2 Beeps = Silent Arming from 3 Button transmitter Aux Button "Off"
4	ARM/DIS (2-Button)+ AUX (2 Button) or ARM/DIS (3-Button)+ TRUNK (3-Button) or LOCK + UNLOCK	Safety Illumination Sentinel System	3 Beeps = Safety Illumination Sentinel System "On"
			4 Beeps = Safety Illumination Sentinel System "Off"

*Can Not Program on 4 Button Transmitter

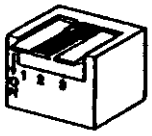
Feature Programming Using the Control Module's Dip Switches

The Silencer® model 6908, 6918 and 6928 control modules offer 3 programmable features. Follow the instructions enclosed to program these features using the Dip switches in the control module.

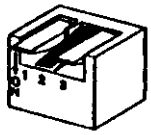
Back View of Housing



Difference Between If a Dip Switch In Off or On



#2 Dip Switch in the "Off" Position



#2 Dip Switch in the "On" Position

Dip Switch #1: Ignition Key Controlled Lock/Unlock (Door lock control function must be connected and the door lock output feature must be "on" in the dealer mode)

Note: This feature can be programmed using the #1 Dip switch in both the dealer and consumer modes.

Place Dip switch #1 to the "on" position to activate this feature.

Place Dip switch #1 in the "off" position to deactivate this feature.

Dip Switch #2: Automatic Door Locking Control (Door lock control function must be connected and the door lock output feature must be "on" in the dealer mode)

Note: #2 Dip switch only programs the Automatic Door Locking feature for the consumer mode. Automatic Arming of Alarm and Automatic Door Locking Control both must be programmed "on" in the consumer mode for this feature to automatically lock the doors when the security system automatically arms. In the dealer mode Automatic Arming of Alarm and Automatic Door Locking is always "on" and can not be turned off.

Place Dip switch #2 in the "on" position to have the doors lock automatically when the alarm automatically arms. (Consumer mode only.)

Place Dip switch #2 in the "off" position and the door locks will not lock when the alarm automatically arms. (Consumer mode only.)

Dip Switch #3: Current Sensing

Note: This feature can be programmed using the #3 Dip switch in both the dealer and consumer modes.

Place Dip switch #3 in the "on" position to have the current sensing feature on.

Place Dip switch #3 in the "off" position to have the current sensing feature off.

SILENCER
SECURITY SYSTEMS

For Technical Assistance (800) 638-3600.
For Fax on Demand Technical Assistance (800) 994-9977,
(Must be a Registered Dealer to use Fax on Demand System)

INSTALLATION INSTRUCTIONS

Models: 6908, 6908A, 6918, 6928

Step 1: 10-Pin Main Harness Installation

The main wire harness contains 8 wires which all have a specific purpose. Follow the wiring recommendations enclosed for each wire. Wires not used should be released from the harness connector or taped off to prevent accidental shorting. Included with the 10-pin wire harness are two loose wires, an orange wire and a white wire with black stripe. See step 2 for wiring instructions for these two loose wires.

Gray Wire: The gray wire is a pulsed ground output designed to activate the vehicle's existing car horn system in place of or in addition to a siren sounding device. Connect the gray wire to the negative trigger wire on the vehicle's horn relay.

WARNING! Maximum output of this wire is 300mA. Horn systems requiring positive voltage or more than 300mA to trigger the horn relay will require an additional relay to increase current capabilities.

Blue Wire with White Stripe: (Applies to 6928 only) The blue/white wire is channel #3 used for additional accessories such as remote start trigger or window roll up/down. The blue/white wire will provide a 500mA grounded output as long as the channel #3 button on the 3-button transmitter is held down. Connection is up to the imagination of the installer.

Brown Wire: The brown wire is the positive siren output wire. Connect the brown wire from the harness to the brown wire on the siren supplied. Ground the remaining black wire from the siren.

Blue Wire: The blue wire is a negative trigger input that can be used for existing or newly installed grounding type hood/trunk/ hatch pin switches. The blue wire can also be used as an input for additional ground output electronic sensors.

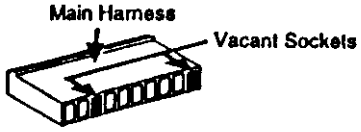
Green Wire: The green wire is the negative (-) door trigger input. If the vehicle you are working on has a negative (-) triggered dome light system, connect the green wire to the common dome light trigger wire. This wire is usually located at the driver's side door jamb switch.

Violet Wire: The violet wire is the positive (+) door trigger input. If the vehicle you are working on has a positive (+) triggered dome light system, connect the violet wire to the common dome light trigger wire. This wire is usually located at the driver's side door jamb switch.

Red Wire with White Stripe: The red/white wire is the output of the parking light relay. Connect the red/white wire to the parking light trigger wire coming from the headlight switch. Do not connect the red/white wire to a dashboard lighting wire. Connecting the red/white into dashboard lighting can damage the dashboard lighting dimmer switch.

Pink Wire: The pink wire is the input wire to the parking light relay. The connection of the pink wire determines the output polarity of the parking light relay. If the parking light system you are connecting to is positive activation, connect the pink wire to battery +12vdc. If the parking light system you are connecting to is negative activation, connect the pink wire the the frame of the vehicle.

Note: (Applies to all models) The main harness contains two vacant sockets. These vacant socket are for channel #2 output. All the alarm modules require an 5912 for channel #2 operation. Follow the wiring instructions supplied with 5912.



Step 2: 5-Pin Power Harness Installation

The power harness contains 3 wires and two vacant sockets, this power harness does not come packaged with the alarm module but in 5901H1, 5901H2, 5901H3 harness kits or custom starter disable/power interface harnesses. Packaged with the 10-pin main harness are two loose wires an orange wire and a white wire with black stripe. The orange and white/black wires are only used with 6918 and 6928 models only. Follow the wiring recommendations enclosed for each wire.

Orange Wire: (Applies to 6918 and 6928) Insert the orange wire into the first socket of the power harness. The orange wire is now the dome light supervision relay output. Connect the orange wire to the vehicle's dome light.

White Wire with Black Stripe: (Applies to 6918 and 6928) Insert the white/black wire into the second socket of the power harness. The white/black wire is now the input wire to the dome light supervision relay located on the circuit board. The connection of the white/black wire determines the polarity of the dome light relay output. If the dome light system is turned on by (+) positive voltage, connect the white/black wire to a constant +12VDC source. If dome light system is turned on by (-) negative voltage, connect the white/black wire to frame ground.

Note: (Applies to 6908, 6908A only) The 6908/6908A alarm module requires an 5912 for dome light supervision. Follow the wiring instructions supplied with 5912.

Step 3: Door Lock/Unlock Harness Wiring (3- Pin Black Socket)

For normal remote lock/unlock operation, follow the wiring instructions supplied with the 5902 or 5903 door lock wire harness kits. For special "unlock driver's door first" function, use the 5914 relay pack and follow the wiring directions provided.

Step 4: Auxiliary Interrupt Wiring (2-Pin Orange Socket)

To interrupt an additional circuit(s), all alarm modules require either the ALA-RPS, ALA-RP1 or ALARP2 relay pack. Follow the wiring instructions supplied with the relay packs.

Step 5: Programming the Alarm Control Module

The Silencer® model 6908, 6908A, 6918 and 6928 control modules offer 3 programmable features. Follow the instructions enclosed to program these features using the Dip switches in the control module.

Switch #1: Ignition Key Controlled Lock/Unlock (Door lock control function must be connected and the door lock output feature must be "on" in the dealer mode)

Place Dip switch #1 to the "on" position to activate this feature.

Place Dip switch #1 in the "off" position to deactivate this feature.

Switch #2: Automatic Door Locking Control (Door lock control function must be connected)

Note: #2 Dip switch only programs the Automatic Door Locking feature for the consumer mode. Automatic Arming of Alarm and Automatic Door Locking Control both must be programmed "on" in the consumer mode for this feature to automatically lock the doors when the security system automatically arms. In the dealer mode Automatic Arming of Alarm and Automatic Door Locking is always "on" and can not be turned off.

Place Dip switch #2 in the "on" position to have the doors lock automatically when the alarm automatically arms. (Consumer mode only.)

Place Dip switch #2 in the "off" position and the door locks will not lock when the alarm automatically arms. (Consumer mode only.)

Consumer Remote Feature Programming (6908, 6908A, 6918, 6928)

When the Silencer® security system control module learns the consumer transmitter operating code, a specific group of operating features are automatically re-programmed to a default setting. These default settings can be changed by following the enclosed procedure and using the special 5910P programming transmitter.

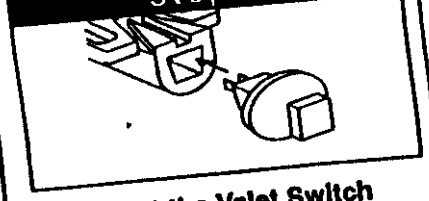
Note: In the event that the 5910P transmitter is un-available, the programming can also be performed by the consumer transmitter once all buttons have been programmed into the control module memory. (See "Consumer Remote Feature Programming from the Consumer's Transmitter".) To get into the "Consumer Remote Feature Programming" mode follow the procedures below.

#	Programmable Alarm Feature (Consumer Transmitter Mode)	Default Setting (Consumer Transmitter Mode)
1	Chirp Status Indicator	On
2A	*Mode "P"	Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "Off"
2B	*Mode "S"	Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "On" Starter Disable will Arm 70 Seconds After Last Door is Closed
3	**Silent Arming from 3 Button Transmitter's AUX Button	Off
4	Safety Illumination Sentinel System	Off

* During Dealer Remote Feature Programming either the "P" or "S" mode was selected. In the Consumer Remote Feature Programming mode you cannot change the mode (either "S" or "P") that was selected in the Dealer Feature Programming. You can change the features of the mode that was selected in the Dealer Mode. (See Step 5 for more details.) To change mode "S" or "P" operation you have to recode a dealer transmitter to the unit and change the operation in the "Dealer Remote Programmable Feature" Mode.

** Can Not Program on 4 Button Transmitter

Step 1



Insert the Valet Switch

Dealer Switch (Red Button) — Momentary Switch Push On/Off

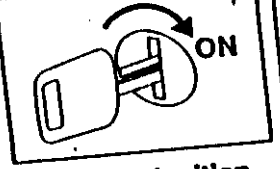
Consumer Switch (Black Button) — Toggle Switch Push Once = On, Push Again = Off

Step 2

Disarm Security System

The LED will be off and the horn/siren will emit 2 chirps.

Step 3



Turn On Ignition

The LED will remain off.

Step 4

Push the Valet Switch:

6 Times If Using a Red Button Switch

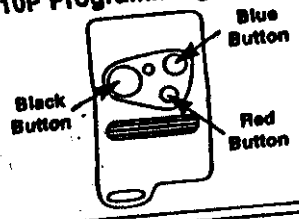
12 Times If Using a Black Button Switch

(Represents 6 Times On/Off)

The LED will be on solid and the horn/siren will emit 1 long then 1 short chirp. You are now in the "Consumer Remote Feature Programming" mode.

Step 5

5910P Programming Transmitter

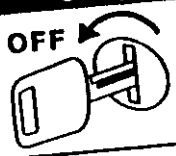


Use the 5910P transmitter and the chart below to change the features as required. Press the button that controls the function you want to change and listen for the chirp confirmation. You can repeatedly press the same colored button and turn the same function on and off as many times as required until the operation is correct. After all functions have been re-programmed to operate as required go to step 6.

#	Button Color	Function	Confirmation = Change Function
1	Black	Chirp Status Indication	1 Beep = Chirp Status Indication "On" 2 Beeps = Chirp Status Indication "Off"
2A	Blue	Mode "P"	1 Beep = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 10 seconds after last door is closed or rearm 10 seconds after remote disarm. 2 Beeps = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 20 seconds after last door is closed or rearm 20 seconds after remote disarm. 3 Beeps = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 30 seconds after last door is closed or rearm 60 seconds after remote disarm. 4 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "On" The starter will disable 70 seconds after last door is closed. 5 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "Off"
2B	Blue	Mode "S"	1 Beep = Automatic Arming of Alarm "On", Automatic Arming of Starter Disable "On" Both will arm 30 seconds after last door is closed. 2 Beeps = Automatic Arming of Alarm "Off", Automatic Arming of Starter Disable "On" The starter will disable 70 seconds after last door is closed.
3	Red*	Silent Arming from 3 Button Transmitter Aux Button	1 Beep = Silent Arming from 3 Button Transmitter Aux Button "On" 2 Beeps = Silent Arming from 3 Button Transmitter Aux Button "Off"
4	Black + Blue	Safety Illumination Sentinel System	3 Beeps = Safety Illumination Sentinel System "On" 4 Beeps = Safety Illumination Sentinel System "Off

*Can Not Program on 4 Button Transmitter

Step 6



Turn Off the Ignition

The horn/siren will emit 1 short chirp and 1 long chirp. You are now out of the "Consumer Remote Feature Programming" mode.