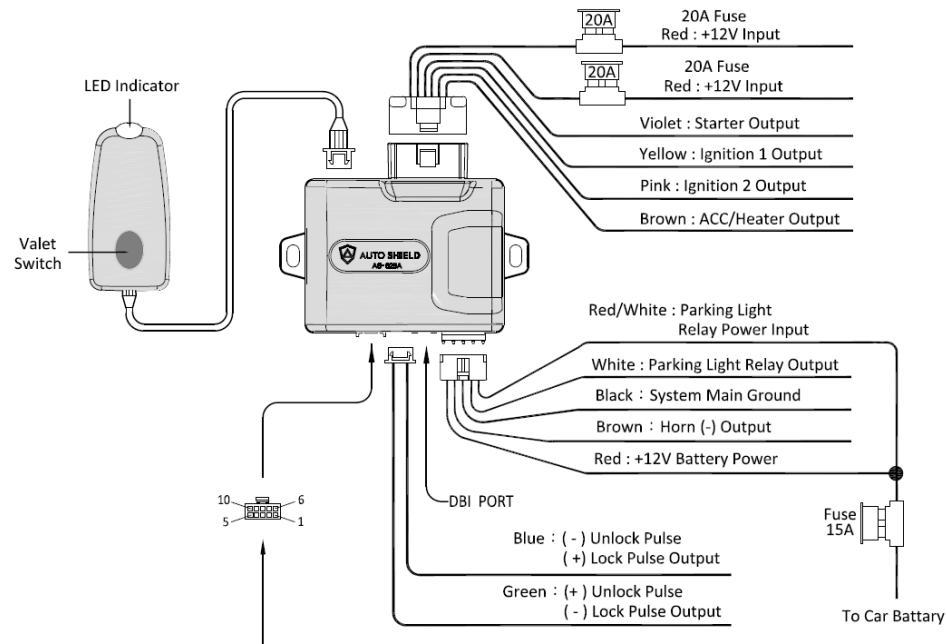


INSTALLATION MANUAL



Important Note: The main unit should be securely anchored on a stable surface using zip ties in order for the shock sensor and tilt sensor to work properly.

Pin	Wire Color	Function	Pin	Wire Color	Function
1	Pink	Tachometer Signal Input	6	Gray/Black	(-) 200mA Trunk Output
2	Yellow/Black	(-) Remote Start Activation Input (Automatic Transmission)	7	Black/White	(-) 200mA Ignition 3 Control Output
3	Light Blue	(-) Negative Safety Shut Down (Hood) Input	8	Brown/Black	(-) 200mA Accessory 3 Control Output
4	Light Green	(-) Enable Switch or (-) Neutral Safety Switch Input	9	Red/Black	(-) 200mA Factory Disarm output
5	White	(+) Brake Switch Shutdown Input	10	Orange/White	(-) 200mA Status Output

Transmitter Programming:

Enter:

- Turn the Ignition switch "OFF/ON" 3 TIMES and stay in "ON" position. Within 15 seconds.
- Push the Valet switches 3 times and hold in on the 3rd. push until a long chirp is heard, release the valet switch. You are now in the Transmitter programming mode.

Program:

- Press any button on transmitter once until the horn responds with a confirming chirp; the first transmitter is now programmed.
- Press any button on the second transmitter until the horn responds with a confirming chirp; the second transmitter is now programmed.
- Apply the same procedure to program 3rd. and 4th transmitters.

Exit: Turn Ignition to "OFF" position or leave it for 15 seconds. 3 long chirps and 3 parking light flashes will confirm exit.

Note: If more than 4 transmitters programmed, the system will only keep the last four.

Feature Configuration Programming: Turn the Ignition switch "On/Off" 3 times and stay in the "Off" position.

- Press and hold the valet/override button until a long chirp is heard LED flash one time, then release the valet/override switch. You are now in the feature programming mode.
- Select a Feature bank. Press and release the button the number of times corresponding to the feature bank you wish to change. The system will chirp LED flash to match the feature number.
- Use the transmitter button to scroll through the selections in each feature, the system will chirp LED flash to match feature number.
- Press the transmitter button to change the desired feature (Opt.), the system will chirp LED flash to match the Opt. feature number.

EXIT: Turn the ignition on or there is no activity for 60 seconds, it will exit the setting, 3 long chirps 3 LED flashes to confirm,

Back to Factory Setting: Pressing and hold button for 3 seconds to resets the feature to the factory default.

Feature Bank 1 (1 Chirp) - Keyless Entry Feature

	Feature	Opt. 1 1 chirp / LED x 1	Opt. 2 2 chirps / LED x 2	Opt. 3 3 chirps / LED x 3	Opt. 4 4 chirps / LED x 4	
1-01	Data protocol	A.D.S.	Fortin			
1-02	Horn Chip Duration	Standard 20ms	50mS	30mS	10mS	
1-03	Confirmation Chirp	ON	OFF			
1-04	Door Lock & Unlock (second)	0.8 second	3.5 seconds	0.8 sec. Lock & 0.35 sec. Unlock	0.8 sec. Double Lock & Unlock	
		Opt. 5: 0.8 sec. Lock & 0.8 sec. Double Unlock				
		Opt. 6: 0.8 sec. Double Lock & 0.8 sec. Unlock				
		Opt. 7: Door Lock with Comfort Feature 10 sec. Lock & 0.8 sec. Unlock				
1-05	Ignition Control Locks	Door Lock & Unlock	Door Lock Only	Door Unlock Only	Without This Feature	
1-06	Door Unlock	OFF	Pulse the Yellow Ignition 1 wire Before Unlock			
1-07	Red/Black Wire (10Pin Connector)	Factory Security	Start Status Output	Key Sensor Bypass Output (When remote start is activated and stays on for 20 sec.)		
		Disarm Signal Output	(Bypass the factory alarm shock sensor)			
1-08	Yellow/Black Wire (10 Pin Connector)	Activation Pulse Count OFF	Activation Pulse Count 1	Activation Pulse Count 2	Activation Pulse Count 3	
1-09	Brown/Black (10 Pin Connector)	ACC 3 Output	Start 3 Output			
1-10	Brown Wire (5 Pin Connector)	Horn Output	Factory Security Arm Output			
1-11	Thick Pink Wire (6 Pin Thick Connector)	Ignition 2 Output	Start 2 Output	ACC 2 Output		

Feature Bank 2 (2 Chirps) - Programmable Wires Feature

	Feature	Opt. 1 1 chirp / LED x 1	Opt. 2 2 chirps / LED x 2	Opt. 3 3 chirps / LED x 3	Opt. 4 4 chirps / LED x 4	Opt. 5+ 5+ chirps / LED 5+
2-01	Engine Checking Mode	Voltage	Tachometer	Timer Only	Data Bus	
2-02	Starter Release for Tach & Voltage mode	Normal	Low Level	High Level		
2-03	Cranking Time for Voltage and Timer mode	0.6 second	0.8 second	1.0 second	1.2 seconds	5 1.4 sec. 6 1.6 sec. 7 1.8 sec. 8 2.0 sec. 9 3.0 sec. 10 4.0 sec.
2-04	Remote Start Runtime	20 minutes	3 minutes	10 minutes	30 minutes	45 minutes

	Feature	Opt. 1 1 chirp / LED x 1	Opt. 2 2 chirps / LED x 2	Opt. 3 3 chirps / LED x 3	Opt. 4 4 chirps / LED x 4	Opt. 5+ 5+ chirps / LED 5+
2-05	Engine Type	Gasoline	Diesel Engine without wait-to-start light 10 sec. warm-up	Diesel Engine without wait-to-start light 15 sec. warm-up	Diesel Engine without wait-to-start light 20 sec. warm-up	Diesel Engine without wait-to-start light 45 sec. warm-up
		Press the button once	Press the button twice			
2-06	Press to Start	Constant	Flashing			
2-07	Parking Light Output Upon Remote Start	Constant	Flashing			
2-08	Door Lock Upon Remote Start	After Start (Run)	After shut-down	Before Start & after shut-down	Without This Feature	

Shutdown Diagnostics:

The unit has the ability to report the cause of the last shutdown of the remote start system. Press Buttons + simultaneously. the parking light and chirps will now report the reason of the system last shutdown by flashing in the following grouped patterns

GROUP 1 (One Flash of Parking Light)		
Chirps	Shutdown Mode	Solution
1	Hood Open	<ul style="list-style-type: none"> Close the hood. Check 10-pin LightBlue wire connection.
2	Optional Enable Switch OFF or Light Green wire must have a ground	<ul style="list-style-type: none"> Check 10-pin LightGreen wire connection. Move the Enable Toggle Switch to "ON" position. (If installed.) Move the gear selector to "Park/" "NEUTRAL" position
3	Foot Brake on	<ul style="list-style-type: none"> Check 10-pin White wire connection Release Foot Brake.
4	System is in Valet Mode	Exit the Valet mode
5	Hi Voltage (Voltage Checking Type)	Set the "Feature 3-02 to "Low Level"
	Low or No RPM (Tachometer Checking Type)	<ul style="list-style-type: none"> Check 10-pin Pink wire connection Set the "Feature 3-02 to "Hi Level" Re-learning the RPM
6	The engine has run successfully but is still starting (Tachometer Checking Type)	Set the "Feature 3-02 to "Low Level"

GROUP 2 (Two Flash of Parking Light)		
Chirps	Shutdown Mode	Solution
1		
2	Running Time expired	
3	Transmitter Shutdown	
4	Over-Rev Shutdown	
5	Wait-to-start input timed out	See the Feature 3-05 (For Diesel Engine Only)