EXCALIBUR RS-330-E

KEYLESS ENTRY & REMOTE START SYSTEM

Transmitter/Controller Operations:
LOCK: Press and release “lock” once
UNLOCK: Press and release “unlock” once
TRUNK RELEASE/2ND CH: Press “trunk” for 3 seconds
REMOTE START: Press “start” twice in 5 seconds
(see installer feature #1 for options)
PANIC: Press “lock” or “unlock” for 3 seconds
SILENT LOCK/UNLOCK: Press “trunk” twice in 5 seconds

The 1-Way Transmitter
Part number: 146-07S
Battery: 2 x CR2016
Frequency: 433MHz

1. LOCK button
2. UNLOCK button
3. TRUNK button
4. START button

Technology

ECHO TECHNOLOGY

Feature Programming:
1. Turn the ignition key “on, then “off”
2. Within 7 seconds of step 1, press the valet switch 5 times (user features) or 10 times (installer features). This siren/horn will sound.
3. Press the valet switch the number of times equal to the feature number you wish to access.
4. Press the controller/transmitter button that corresponds to the desired setting.
5. To change additional features, repeat steps 3-4.
6. To exit programming, turn the ignition key “on”, then “off” or the system will exit automatically if there is a 10 second delay between any steps.

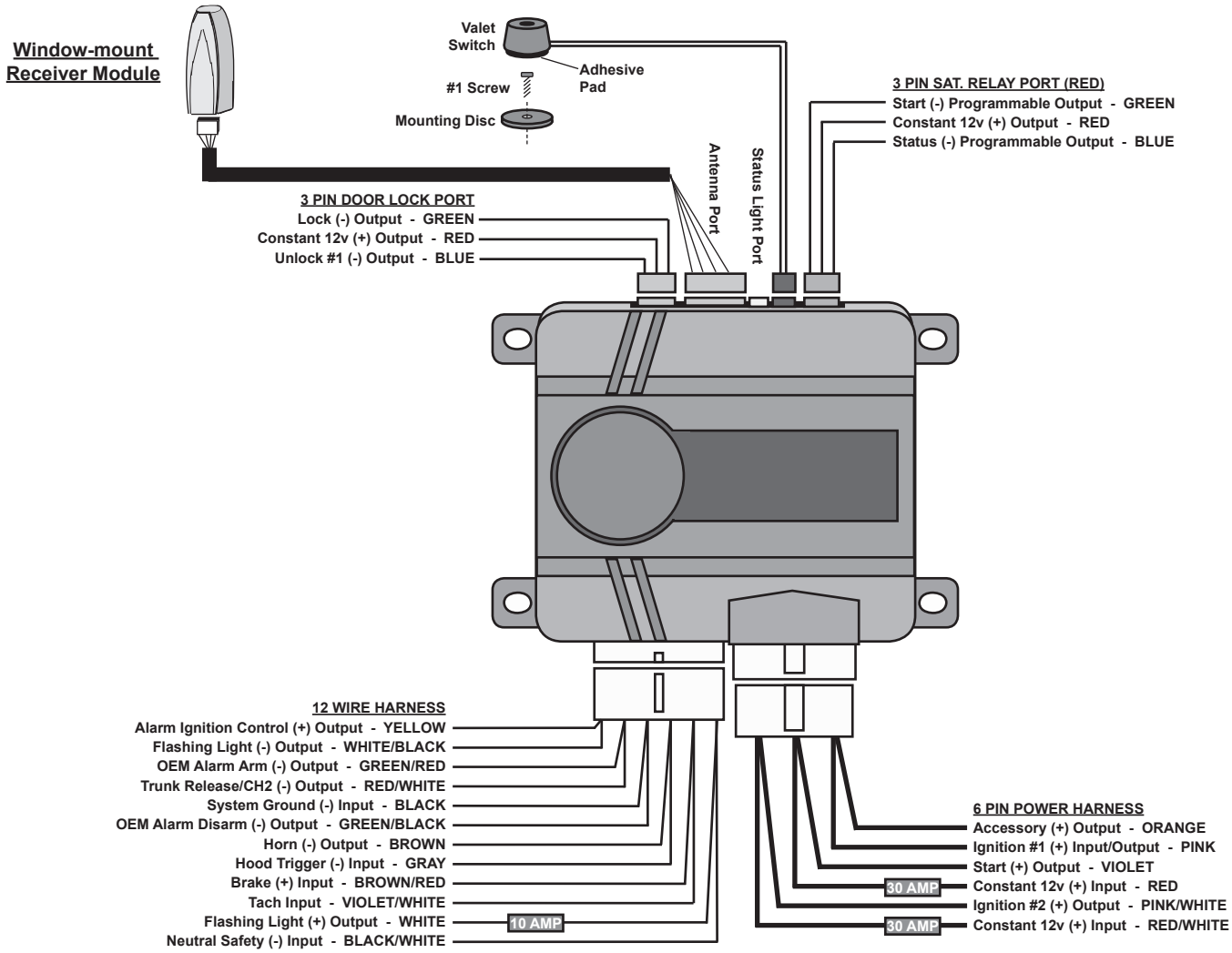
Tach Learning Procedure:
1. Turn the ignition key “on”
2. Within 10 seconds of step 1, press the brake pedal 5 times. The siren/horn will chirp 5 times.
3. Start the engine with the key. When tach is successfully learned, the status light will turn on solid.
4. If you need to relearn a later tach signal due to cold start/ high idle, you can press the valet switch once to learn the current tach signal. The status light will turn off and back on to indicate it has relearned.

Programming Controllers/Transmitters:
1. Be sure to have all controllers/transmitters present and be sure the system is in a disarmed/unlocked state.
2. Turn the ignition key “on”.
3. Within 7 seconds of step 1, press the valet switch 5 times. The siren/horn will sound.
4. Press LOCK on one transmitter/controller until you hear a single chirp.
5. Repeat step 4 for each transmitter/controller to be programmed.
6. To exit programming, turn the ignition key “off” or the system will exit automatically if there is a 10 second delay between any steps.

Programmable Features Matrix

User Feature Programming: Ignition on, off, press valet 5 times				
# Feature	**Lock Button**	**Unlock button**	**Trunk button**	**”START” button**
1 Engine Run Time	10 min	5 min	15 min	20 min
2 Steady/Flashing lights for RS	Steady	Flashing		
3 Horn Honk Volume	Low	Hi	On Demand	OFF
4 Pulse Horn/Steady Siren	Pulsed Lo	Pulsed Med	Pulse Hi	Steady Siren
5 Doors Lock w/ Ign. ON	ON	OFF		
6 Doors Unlock w/ Ign. OFF	ON	OFF		
7 Unlock w/ Trunk Release	ON	OFF		
Installer Feature Programming: Ignition on, off, press valet 10 times				
1 RS Activation	1 press	2 presses	3 presses	4 presses
2 Engine Detection	Tachless Hi	Tachless Lo	Tach Wire	Datatach
	Crank Only (press Lock + Unlock)			
3 Gas or Diesel Engine	Gas	Diesel (15 sec delay)	Diesel (20 sec delay)	Diesel (30 sec delay)
4 Sat. Port Green Wire	Starter	Pulse After Start	Status	Domelight
5 Crank Time	0.7 Sec	1.00 Sec	1.5 Sec	2.25 Sec
6 Low Temp Crank Extender	0ms	200ms	300ms	400ms
7 Doorlock Outputs	0.8 Sec	3 sec	Double Unlock	Total Closure
8 Remote Start Lock Control	Off	Lock After Start	Unlock Before Start	Both
9 Turbo Timer	OFF	1 min	2 min	3 min
10 Manual Transmission RS	ON	OFF		

RS-330-E Wiring Overview Diagram



RS-330-E Parts List

Part Number	Description
T/S-ANT-RS-310	Window mount antenna module (no LED's or valet)
H-RS6B	6-pin/6-wire main power harness, 50cm long
H-RS12A	12-pin/12-wire secondary harness
H-ANT-MAX	Antenna module harness
DLP-N3	3-pin/2-wire door lock/unlock harness
RS-OUTPUT	3-pin/3-wire satellite relay port harness
AU-47	Pinswitch
22LC	Push button plug-in valet switch