

Remote Start, Keyless Entry & Security System

Transmitters:



Omega part #
#147-03



Omega part #
#147-03A

Transmitter Operations:

Lock Button - Press and release to Arm/Lock. Press and hold to activate Remote Panic with locking doors.

Unlock Button - Press and release to Disarm/Unlock. Press and hold to activate Remote Panic with unlocking the doors.

“trunk”/“II” Button - Press and hold to activate trunk release. Press and release twice to arm/lock - disarm/unlock without confirmation chirps.

“start”/“III” - (Programmable) Press and release twice to activate remote start, or change to 3rd Channel.

New! Optional Additional Channels - 4th and 5th Channel outputs are available, by repurposing the OEM alarm arm or disarm outputs.

4th Channel - Press the **Lock** and **“II”** buttons together.

5th Channel - Press the **Unlock** and **“III”** buttons together.

ECHO
COMPATIBLE

Tach Learning Procedure:

The tach wire must be connected and installer feature #6 must be programmed for “tach”.

Step 1 Turn the ignition switch “on”.

Step 2 Within 10 seconds, press the brake pedal 5 times, the siren will chirp to indicate the unit is in tach learning mode.

Step 3 Use the key to start the engine, system will sample tach signal and confirm with solid green status light.

Option: If the valet button is pressed after starting, the system will resample the tach signal at that moment. The LED will turn off to indicate “tach re-learn” then turn on solid again when the new tach signal is learned.

Step 4 Turning the ignition “off” removes the unit from tach learning mode.

Low Temperature/Low Voltage Auto Start:

• Turn the ignition switch “on”, then “off” (engine not running), and within 7 seconds press the valet switch twice. If there is a 2 second delay without additional valet button presses, the siren will chirp 3 times activating low voltage start mode.

• To activate low temp starting, enter low voltage start mode as described above but, before the siren chirps, press the valet switch 1 time (15 degrees) or 2 times (32 degrees) within 5 seconds. The siren will chirp to confirm your selection.

NOTE: When low temp start mode is activated, low voltage start is also activated. These features will operate once every two hours until the ignition key is turned “ON”.

Manual Transmission Setup Procedure:

Remote starting with a manual transmission requires a different installation method and installer feature #5 must be turned on. Also, a setup procedure that ensures the transmission was left in neutral must be performed to use remote start later. Perform these steps:

1) With the engine running, hold the brake pedal, apply the parking brake, then release the brake pedal.

2) Use the transmitter as if you were activating remote start (default: press START twice). The green status light will start to flash slow.

3) Turn off the ignition key and exit the vehicle. The engine will remain running.

4) Press LOCK on the transmitter. The engine will shut down (unless turbo timer is on) and the status light will flash green every 2 seconds to indicate it is ready to be remote started.

NOTE: Manual transmission starting is canceled if you enter the vehicle after performing the setup procedure.

How to program Controllers or Transmitters: Turn “on” the ignition, then press the Valet Switch 5 times and wait for siren confirmation of entry into programming mode. Press and release the Lock transmitter button on each remote to be coded (one at a time). The system will respond to each with an audible confirmation. **New!** Unauthorized Transmitter Alert (UTA™) is user-programmable; operation now optional.

User Programmable Features

How to program: Turn the ignition ON, then OFF. Press the Valet Swtch **5** times (the siren briefly sounds; the Status LED lights **red**). Then select the desired feature by pressing the Valet Switch the same number of times as the feature number. After the system chirps the same number back, choose the feature's setting by pressing the controller or transmitter buttons: the **Lock** button (L); **Unlock** button (U); **II** button (2) or **III** button (3).

#	Feature	Default Setting	Option	2nd Option	3rd Option
1	SecureCode	1 & 0	Two stages, of up to 9 presses each. Total of 99 possible combinations.		
2	Last Door Arming	OFF (L)	ON w/o door lock (U)	ON with doors locking (2)	
3	Automatic Rearming	OFF (L)	ON w/o door lock (U)	ON with doors locking (2)	
4	Starter Interrupt Functions	Alarm only (L)	Off (U)	Automatic (2)	Alarm+AntiGrind (3)
5	Ignition Activated Override	OFF (U)	ON (L)		
6	Doors Lock With Ignition On	ON (L)	OFF (U)		
7	Doors Unlock With Ignition Off	ON all doors unlock (3)	OFF (L)	output 1 (dr. door) only (U)	output 2 only (2)
8	Open Door Bypass To Previous Two Features	ON (L)	OFF (U)		
9	Confirmation Chirps	ON (L)	OFF (U)	except in Valet Mode (2)	in Valet Mode only (3)
10	Confirmation Chirp Volume	Medium Loud (2)	Low (L)	Med Lo (U)	Loud (3)
11	Activated Alarm Cycle	30 Seconds (L)	60 Sec. (U)	90 Sec. (2)	120 Sec. (3)
12	Lights On Upon Disarm	ON (L)	OFF (U)		
13	Disarm Alarm Upon Trunk Release	ON (L)	OFF (U)		
14	Arming Delay	3 Seconds (L)	15 Seconds (U)	30 Seconds (2)	45 Seconds (3)
15	Steady Siren Output / Pulsed Horn	Steady Siren (L)	Pulsed Horn Lo (U)	Pulsed Horn Med. (2)	Pulsed Horn Hi (3)
16	Alarm Functions Bypass	OFF (U)	ON (L)		
17	Ignition Activated Anti-Carjacking Protection	OFF (U)	ON (L)		
18	Door Activated Anti-Carjacking Protection	OFF (U)	ON (L)		
19	Remote Activated Anti-Carjacking Protection	OFF (U)	ON (L)		
20	Open Door Warning Upon Arming	OFF (U)	ON (L)		
21	Remote Start Activation	III/Start Twice (L)	III/Once (U)	Lock & Unlock (2)	
22	Remote Start Run Time	10 Min. (U)	5 min. (L)	15 min. (2)	20 min. (3)
23	Steady / Flashing Lights During Remote Start	Steady Lights (L)	Flashing Lights (U)		

Installer Programmable Features

How to program: Turn the ignition ON, then OFF. Press the Valet Swtch **10** times (the siren will still briefly sound at 5 presses and the Status LED lights red; just keep pressing, and at 10 presses it will again sound the siren, and the Status LED changes to **green**). The Installer menu is now accessed; also select the desired feature by pressing the Valet Switch the same number of times as the feature number. After the system chirps the same number back, choose the feature's setting by pressing the controller or transmitter buttons: the **Lock** button (L); **Unlock** button (U); **II** button (2) or **III** button (3).

#	Feature	Default Setting	Option	2nd Option	3rd Option
1	Doorlocking Functions	.8 second (L)	3 Second (U)	Double Unlock (2)	Total Closure (3)
2	Light Output Functions	Dome Light (L)	Lock (U)	Ignition (2)	Accessory (3)
3	Horn Output Functions	Horn, med. (L)	Unlock (U)	Ignition (2)	Accessory (3)
4	Turbo Timer	OFF (U)	1 Minute (L)	2 Minute (2)	3 Minute (3)
5	Manual Transmission Remote Starting	OFF (U)	ON (L)		
6	Engine Detection	High Sensitivity (L)	Low Sensitivity (U)	Tach (2)	Datatach (3)
			4th Option	Crank Only (Lock & Unlock)	
7	Extended Starter Cranking Time	.75 (Minimum) (L)	1.00 (U)	1.5 (2)	2.25 (3)
8	Programmable Remote Start Relay	Ignition (L)	Accessory (U)	Starter (2)	
9	Arm/Disarm or Additional Channels	Arm/Disarm (L)	Arm/Ch. 5 (U)	Ch. 4/Disarm (2)	Ch. 4 / Ch. 5 (3)
10	Gasoline or Diesel Engine	Gasoline (L)	Diesel (U)		

System Parts List:

H-RS6B - 6 Pin main harness
H-RS6C - 6 pin accessory harness
REC-1NB - 1-way window mount antenna w/ 2 color LED's
AU-84Tn - Dual zone shock sensor
AU-SOCKET - Starter interrupt socket

H-RS18A - 18 pin secondary harness
RS-OUTPUT - 3 pin harness for satellite port
AU-47 - Hood pin switch
AU-78MP - 2 in 1 Psycho siren
AU-7 - SPDT relay in starter interrupt socket

Wiring Diagram Overview:

