

## Helkon 1100 Kit Includes



Helkon 1100



Power Harness



OBDII Adapter (optional)



I/O Harness



Relay/Socket (optional)



**INSTALLING A HELKON DEVICE FOR THE FIRST TIME? PLEASE CALL (877) 508 – 8444**

**STEP 1** Search and download the Sarekon Installation App from Google Play or Apple App Store before beginning. Search “Sarekon Installation” or scan the QR Code provided.

**STEP 2** Find a suitable mounting location for the Helkon device *inside the vehicle*. Preferably under the vehicle dash pad, direct line of sight to the sky, no metal above **Label Side Facing Down**

**STEP 3** **If NOT using the OBDII ADAPTER go to Step 4 Now.** Attach the black 2 pin connector on the OBDII cable to the black 2 pin connector on the power harness. (FIG 3). Next, plug the male end of OBDII adapter into the vehicle’s original OBDII port. Lastly, install female end of the OBDII port adapter into the OBDII’s original location, secured by the existing or provided mounting bracket. *Go to STEP 5*

**STEP 4** Cut the black **2 pin** connector off of the power cable and discard (not the 3 pin connector). Connect the red wire from the power cable to a constant 12 volt power source or OBDII port PIN 16 (FIG 1). Connect the black wire from the power cable to solid ground. Sheet metal screw to chassis or OBDII port PIN 4 (FIG 1).

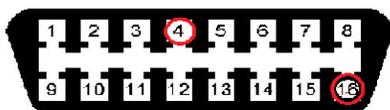
**Installation Best Practices:** Use a voltage meter to confirm proper voltage to the device. Measure voltage at the vehicle battery with the car off and the keys removed from the ignition switch. The power feed for the device can be found directly from a 12V constant inside the vehicle cabin. **Voltage on a wire that is slightly less than the reading at the vehicle’s battery indicates that the wire is not directly from the battery feed and should not be used.**

**STEP 5** Proceed with installation app step-by-step instructions to verify proper installation. Or, to check manually, Proceed to **STEP 6**

**STEP 6** Confirm the green and red LED lights on the device are both solid. If the green LED light is blinking confirm that the vehicle is outdoors (FIG 2). **Device must be unobstructed (outdoors/no metal above) in order to obtain initial GPS fix.** Send and confirm successfully completed locate command to the device. Reassemble the vehicle and test all other functionality of the device and normal vehicle operation before delivery.

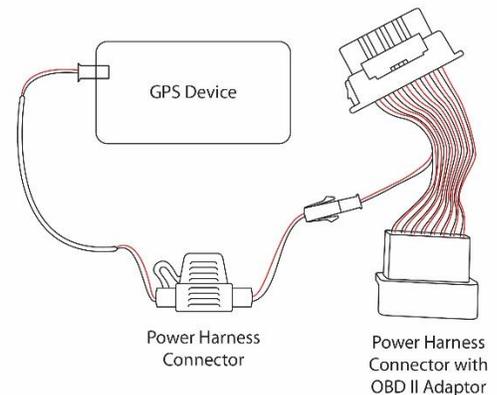


(FIG 1)



OBDII PIN #	Description
4	Chassis Ground
16	Fused Battery Power

(FIG 3)



(FIG 2)

LED COLOR	Function	Led Behavior
Green	GPS	Blinking = Searching Solid = Connected
Red	Cellular	Blinking = Searching Solid = Connected

