

IM007 Keypad Car Immobiliser Instruction Manual



Arm

There are two methods to arm the immobiliser:

Automatic: The immobiliser will automatically arm itself 30 seconds after the vehicle ignition is turned off. The blue LED # button light will slowly flash to indicate that the system is armed.

Manual: Turn off the vehicle ignition, then press and hold [#] on the keypad for 2 seconds until you hear it beep *twice*. The blue LED # button light will slowly flash to indicate that the system is armed.

Disarm

To disarm the car immobiliser, ensure vehicle ignition is switched off. Now enter [*] [CODE] [#] on the keypad. The keypad will beep *twice* if the code is correct. **Now start the vehicle within 15 seconds of entering the code.** The blue LED will turn off while driving.

(Note: **1234** is the default factory code and must be changed by the owner). See “How to Change the Disarm Code” below.

Incorrect Code: If an incorrect code is entered to disarm the vehicle, the keypad will beep *four* times. If this happens, press [*] and re-enter the code correctly.

You can have 3 attempts in a row using an incorrect code. After the third attempt, the keypad will become unusable for one minute before you can try again.

How to Change Your Disarm Code

1. Disarm the immobiliser first. Now turn the vehicle ignition on.
2. Within 15 seconds of Step 1, enter [*] [#] [#] [CODE] [#] [#] [#] (The default code is 1234). The keypad will beep *twice*, and the blue LED light will flash quickly, indicating that the code is ready to be changed.
3. Now Press [*] and then enter your new four-digit code [?] [?] [?] [?] [#]. The keypad will beep *twice*, indicating the new code has been saved. This is the only code that will now work. If you forget it, the device needs to be returned to the manufacturer to be reset. **DO NOT FORGET YOUR NEW CODE!**

Valet Parking / Car Servicing Mode

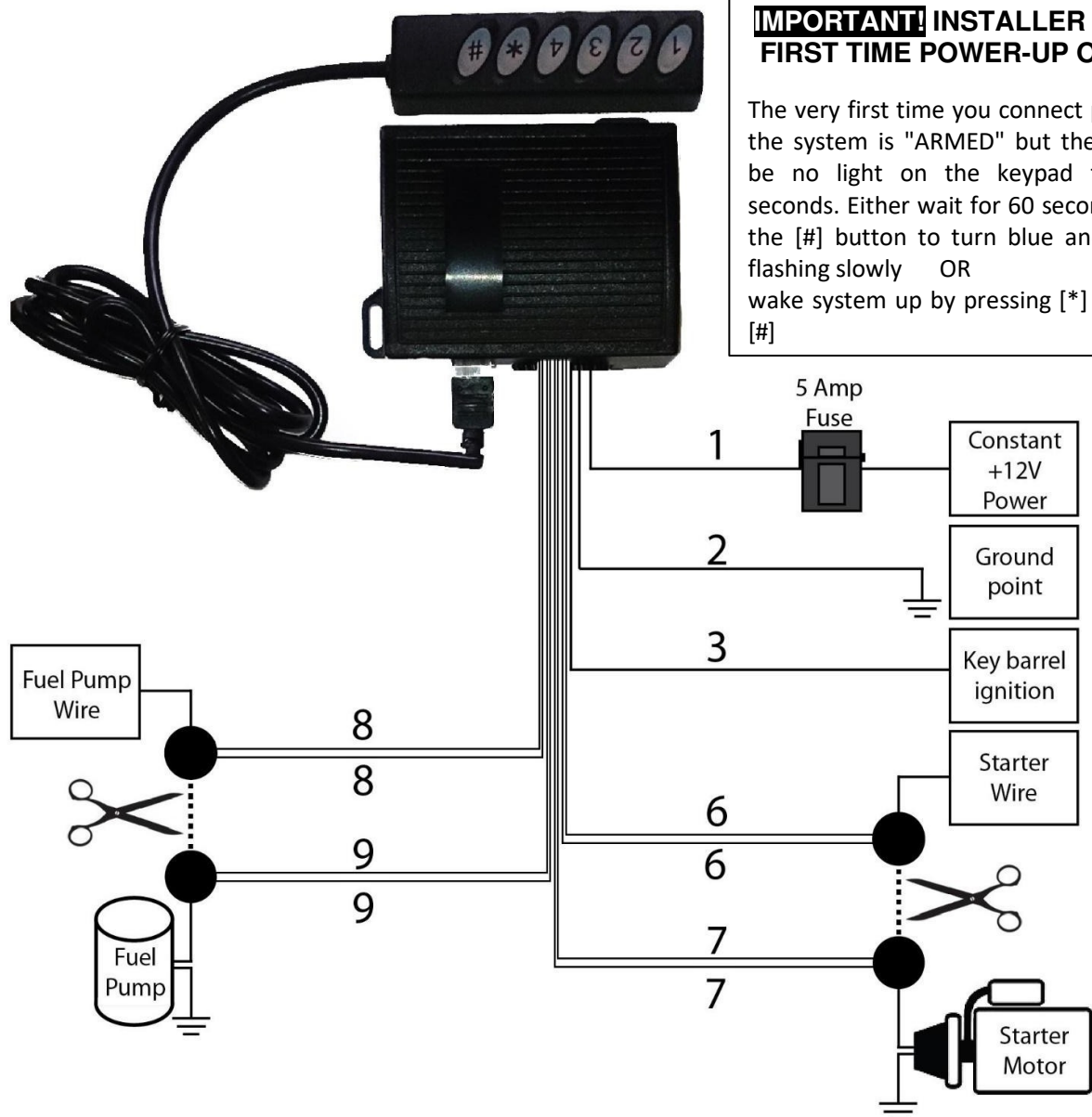
(Temporarily disables auto-arming for maximum 15minutes of driving at a time).

1. With the immobiliser disarmed and ignition turned on, enter [*] [#] [CODE] [#] [#] on the keypad. It will beep *three* times and the blue LED light will stay turned on SOLID, indicating that the immobiliser is currently in Valet Mode.
2. To manually exit Valet Mode, turn the ignition on and then press and hold [*] for 2 seconds. The keypad will beep *three* times and the blue LED light will turn off, indicating that it has exited Valet Mode.
3. Valet Mode will also turn itself off automatically after fifteen minutes of driving at one time. The keypad will beep *three* times and the LED light will turn off, indicating that it has exited Valet Mode.

Installation & Wiring Information

Note: This Immobiliser is for use on 12V DC vehicles only.

Wire Number	Connection
1	Connect to constant 12V power through a 5 Amp fuse.
2	Connect to ground.
3	Connect to a +12 volts ignition switched lead, which <u>does not</u> fall to 0 volts when the engine is cranked.
6 & 7 8 & 9	Immobilisation Circuits. 30A Max. The starter wire is usually located under the steering column of the vehicle. This wire must be +12 Volts only when the vehicle is being started. Cut this wire. The vehicle should not start. Solder the starter motor side to both wires marked 7. Solder the other end to both wires marked 6. Repeat the above configuration for the electric fuel pump with wires 9 & 8.



IMPORTANT! INSTALLER INFO **FIRST TIME POWER-UP ONLY**

The very first time you connect power, the system is "ARMED" but there will be no light on the keypad for 60 seconds. Either wait for 60 seconds for the [#] button to turn blue and start flashing slowly OR wake system up by pressing [*] [1234] [#]

12 Month Warranty

RhinoCo Technology warrants its products to be in conformance with its own plans and specifications and to be free from defects in materials and workmanship under normal use and service for 12 months after purchase.

For full warranty details visit www.rhinoco.com.au/legal/terms

UNDERSTANDING RELAY OPERATION

Installers please note: The relays within the immobiliser only open (cut the circuits) when the system is armed **AND** the ignition wire has 12VDC applied. When the ignition circuit is OFF, the relays will be closed.