



RhinoCo Technology

9 Hannabus Place
McGraths Hill
NSW 2756 Australia

Phone: +61 2 9671 6711

IM007 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 is turned off. The LED light will slowly flash to indicate that system is armed.

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

Disarm

To disarm the car immobiliser, ensure vehicle is switched off, then enter *[CODE]# on the keypad. Switch the vehicle on within 15 seconds of entering the code. (Note: **1234** is the default code. See "Change the Disarm Code" to use a different code.)

The keypad will beep *twice* if the combination is successful and the LED light will be turned off, indicating the system has been disarmed.

If the incorrect code is entered to disarm the vehicle, the keypad will beep *four* times. If this happens, press * and re-enter the code correctly. The keypad should beep *twice* indicating that the combination was entered correctly and that the system is now disarmed.

If an incorrect code is entered three times in a row, the keypad will lock and become unusable for one minute.

Change the Disarm Code

1. To change the disarm code, first the immobiliser must be disarmed and the vehicle turned on. Enter *##[CODE]### (The default code is 1234). The keypad will beep *twice* and the LED light will flash quickly, indicating that the code is ready to be changed. You can *not* enter a code using all of the same digits, e.g. 1111. (Note: This must be within 15 seconds of disarming the car.)
2. Press * and then enter the new four-digit code, and press the # button. The keypad will beep *twice*, indicating the new code has been registered. (Note: The new code must be entered within 15 seconds of the previous step.)

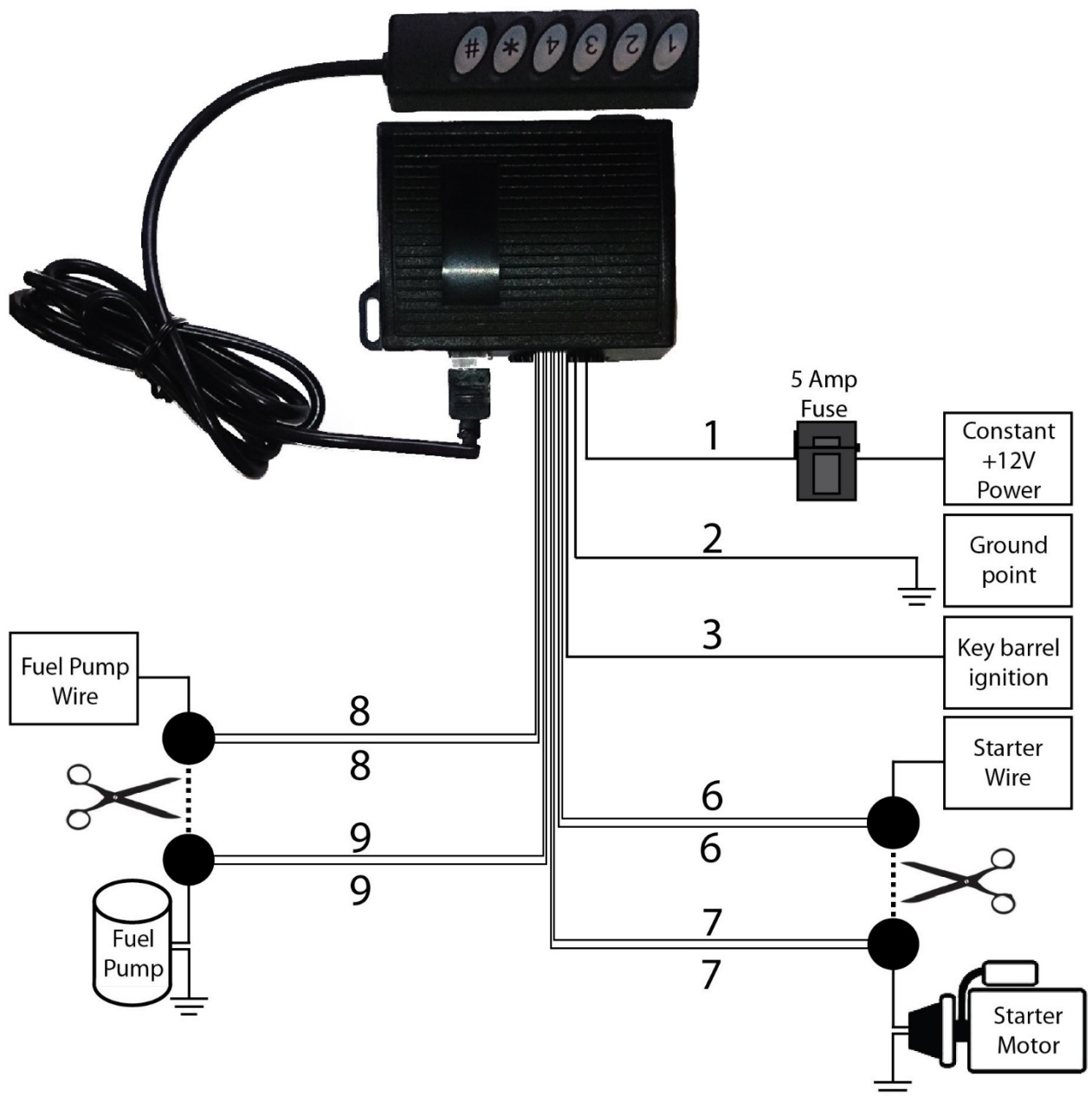
Valet Mode – Disables immobiliser until re-enabled

1. With the vehicle disarmed and turned on, enter *#[CODE]## on the keypad. It will beep *three* times and the LED light will be turned on, indicating that the immobiliser is currently in Valet Mode.
2. To exit Valet Mode, press and hold * for 2 seconds. The keypad will beep *three* times and the LED light will turn off, indicating that it has exited Valet Mode. Vehicle must be on.
3. Valet Mode will also turn itself off after fifteen minutes when the vehicle is still turned on. The keypad will beep *three* times and the LED light will turn off, indicating that it has exited Valet Mode.

Wiring Information

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

Wire Number	Connection
1	Connect to constant 12V power though 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. 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. 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.



12 Month Warranty

Rhino Electronic Security, a division of Cornick Pty Ltd (seller), 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. See included warranty card for more details.