



SEDGEWALL

Run Lock Installation Instructions

Run Lock device part number 01400040B is designed so that a vehicle can be left with the engine running to power radios, lights and other ancillary devices without the battery going flat. If any one tries to drive the vehicle without re-inserting the ignition key, the engine will stop.

Operation:

When the engine is running and the vehicle is stationary with the handbrake applied; the run lock switch is pressed, activating the run lock. This provides power to the main ignition and to two ancillary outputs allowing the ignition key to be turned off and removed. The vehicle cannot be driven off, because as soon as the hand break is removed or the foot break is applied, the run lock is disabled and the engine will stop. Run lock switch should be momentary action with push to make contacts.

Connections:

Red	+12 to +24V supply from the battery. (Normally taken from supply to ignition switch via ignition fuse)
Orange	15A main ignition output. Connect to the main output from the ignition switch.
Yellow	Run lock supply, normally connected to Orange wire. (Alternative connection, ancillary output from the alternator.)
2 x Pink	2 identical 6A outputs to power ancillary circuits.
Brown thick wire	Run lock switch connection. (Other side of switch is connected to 0V)
Green thick wire	Connection to rear break light.
Blue	Connect to hand break switch and remove existing wire.
Grey	Connect to wire removed from hand break switch. (This is normally already connected to hand break warning lamp)
Green thin wire	Connect to run lock active lamp. (This is -ve connection if a LED is used)
Brown thin wire	Connect to run lock active lamp. (This is +ve connection if a LED is used)

Installation functional checks:

1. With the vehicle stationary and the hand break applied, start the engine.
2. Press run lock switch, the run lock active lamp will light.
3. Remove the ignition key, engine will keep running and the ignition switched ancillaries remain on.
4. Press the foot break, engine will stop and ignition switched ancillaries will be switched off. Run lock active lamp extinguishes.
5. Insert the ignition key and restart the engine, and activate the run lock again, then remove the ignition key.
6. Release the hand break, engine will stop and ignition switched ancillaries will be switched off. Run lock active lamp extinguishes.



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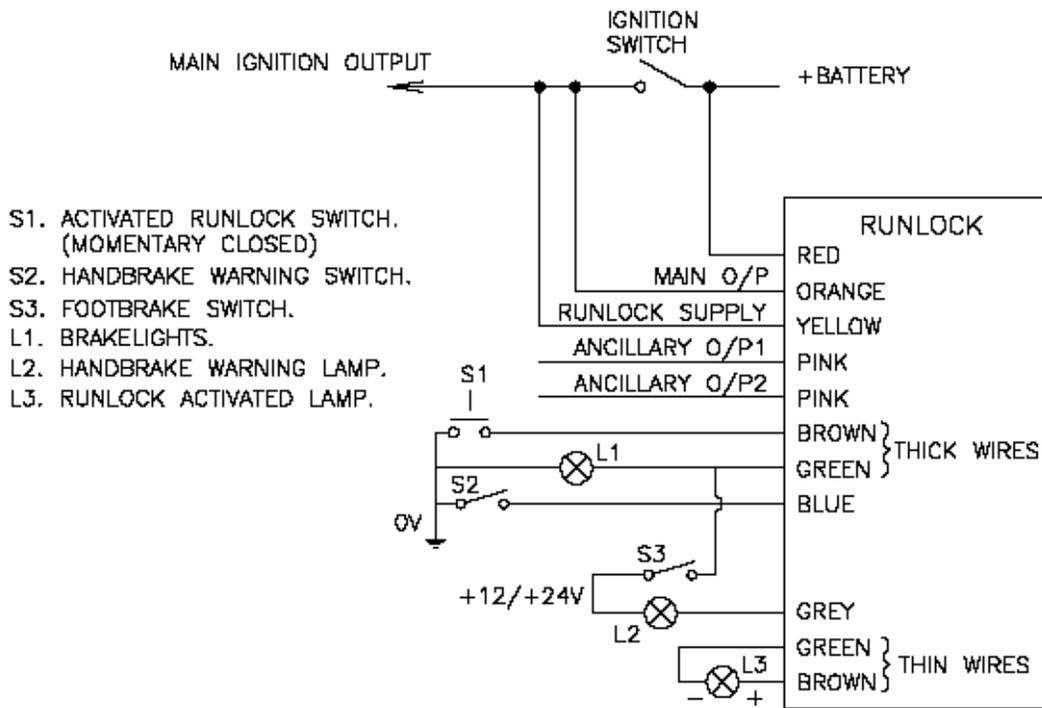
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INSTALLATION WIRING DIAGRAM FOR 3 OUTPUT RUNLOCK



Our Run Lock unit is part of our special vehicle products range, this includes:

- Relay Box Assembly
- 15 Way Ancillary Fuse Box
- Switch Panels (Handheld and Fixed)
- Battery Load monitor
- Flasher units (Multi-pattern and Alternating)
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