



CDL - 04R / CDL - 04

USER'S/INSTALLER'S MANUAL



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**THIS INSTRUCTION MANUAL IS IMPORTANT.
PLEASE READ IT BEFORE INSTALLING THE UNIT.**

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Only applies to model CDL-04R

Press the 'LOCK' button for locking the door. Press the 'UNLOCK' button for opening the door.

Transmitter battery replacement

To clean the battery contacts, or to replace the battery, open the casing using the one screw. Make sure the replacement battery is of the correct type and located in the correct position with the polarity maintained. This transmitter uses 1 x 27a alkaline battery.

Transmitter general care and maintenance

The transmitter contains delicate electronic circuits and must be protected from impact and water damage. Change the battery every year.



Introduction

Before starting the installation please read these instructions carefully and familiarise yourself with the component of the kit.

On each door should be a button which moves when the door is locked. When the door trims are removed you will find this is joined to the lock with a rod. It is to this that the actuator's connecting rod is to be attached. Five wire actuators are fitted to the front doors.

Fitting the actuators

1. Position the actuator parallel to the lock rod where it will not foul any moving parts such as the window mechanism.
2. **The actuator must be mounted on a flat surface**, or, alternatively, to the mounting strip which can then be shaped to fit.
3. Use the template to mark out the holes 57mm apart and drill them 3.5mm diameter.
4. Attach the actuator using the self tapping screws, **do not over tighten them or use a power screwdriver.**

Connecting the actuator to the lock rod

Cut and bend the connecting rod as shown in Diagram A. Clamp the two rods together using the block clamp and screws as shown in Diagram B. Do not tighten the clamps until the electrical connections are complete.

Diagram A

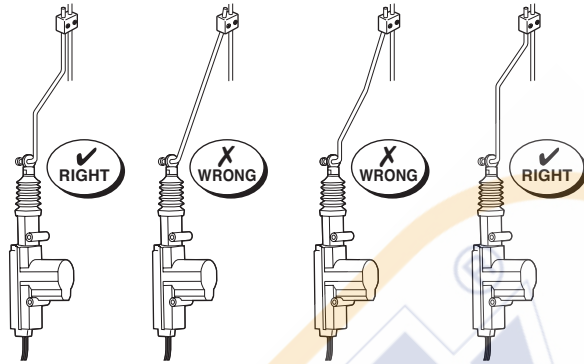


Diagram B
Rod clamp

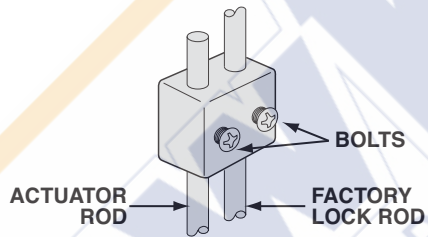
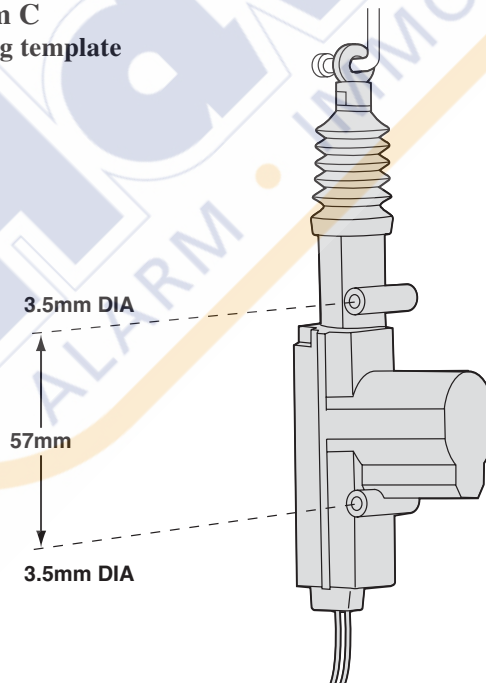


Diagram C
Mounting template



Wiring procedure

Mount the control box inside the vehicle in a dry place. The connecting pins must point downwards. Never mount control module in engine compartment. Connect the 8 pin plug wire to the control box. Run the 5 core cable to the front driver door and the twin to the passenger rear doors. Ensure that it does not obstruct any moving parts such as pedals or the window mechanism. Wires are connected to the actuators matching colour for colour (*see the wiring diagram*). Connect red wire to the positive of the battery. Connect black wire to negative of the battery. Brown wire (unlock) & white wire (unlock) to be used on alarm system like HAWK alarm system.

Setting up and testing

In the rear doors, fully extend the actuators. Tighten the clamp. Operating an actuator in a front door should now operate the rear locks.

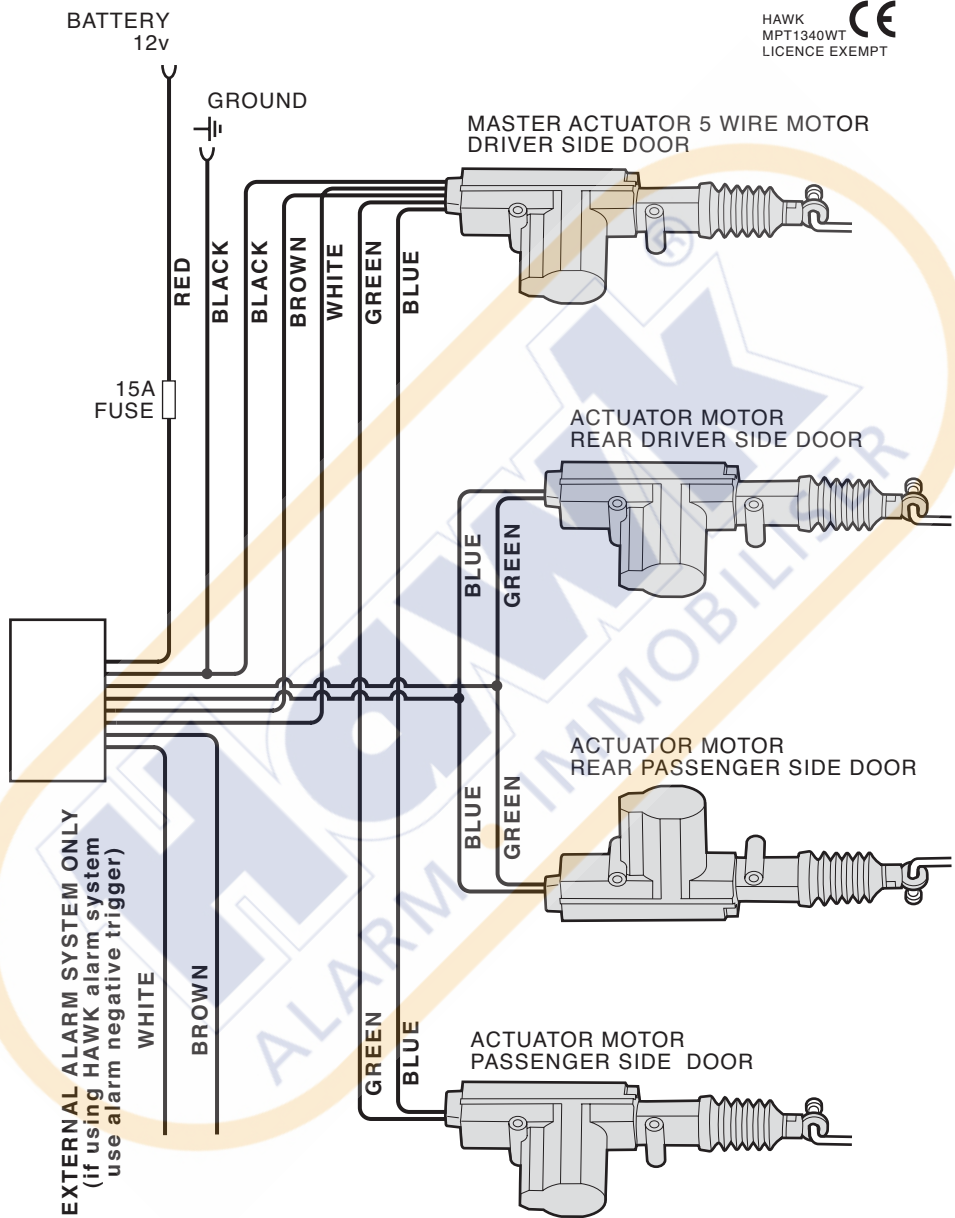
Similarly, tighten the clamp in the front passenger's door. If the movement of your lock is less than the actuator's movement it may not trigger the actuator's internal switch. This problem is easily solved by moving the clamp a small amount.

Test that this lock now operates the rear locks (the doors may need to be closed for the locks to work). Repeat in the driver's door. Make sure system operates correctly before reassembling the rear panel.

Fault finding

- 1. All doors lock and unlock by themselves.** Either the wires have been connected to non matching colours or the clamps in the front doors are not aligned correctly. Repeat the set up and test procedure more carefully.
- 2. When trying to lock the doors they return to unlock (or vice versa).** Test with the doors closed. If not, the fault is as problem 1.
- 3. Rear doors lock when the front doors unlock.** Reverse the green and blue wires to both rear door actuators.
- 4. Nothing works.** Check the ground connection of the black wire. Ensure the correct fuse is fitted (4 door: 25amp, 2 door: 15amp). Test that the positive power is live with the keys removed from the ignition.

WIRING DIAGRAM CDL-04R/CDL-04



Specification

Working voltage: DC 12v

Working distance: >50 metres

Working life: 100,000 times

Wiring installation: Only applies to vehicles fitted with negative (-) lock/unlock output from the alarm system. White wire is lock (-) input, brown wire is unlock (-) input.



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