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Remote Lock:
Press lock ".lock" on the remote controller once with the direction light flash once, and then the central control door lock will be locked. Meanwhile there is a power window output of 20 seconds.

Remote Unlock:
Press unlock "unlock" on the remote controller once with the direction light flash twice, and then the central control door lock will be unlocked.

Car Finder:
When locked, press the button "finder" on the remote transmitter once to locate the vehicle while the parking lights gleam three times.

Remote Boot release:
Long press "_boot" for 2.5 seconds, the direction light will flash three and boot release simultaneously.
NOTES: Some remotes have this button "boot" for boot release instead!

Power Window output
Press "window" once, the doors will lock and close electric window (if vehicle has total closure or optional module - windows rollup module - has been installed).

Learning Transmitter Codes
This remote central locking system can support up to 3 remote controls. The included transmitter is pre-programmed into the system memory at the factory. Follow the below steps to add or delete a new transmitter:

1. on the side of the control unit there is a tiny push switch
2. Press the switch for couple of seconds *before pressing the switch - make sure the unit power is connected
3. Press the lock key on one of the remotes and the unlock key for the other remotes. This step has to be done straight after step 2!.
   You must do this for all remotes!!! As it cancels any existing remotes... This is for security reason!
4. That's it, wait few seconds and then test both remotes!
   If the remote did not get any new codes within 10 seconds, the system will exit learning mode automatically.

Note: once entered into code learning mode, all previously learned remotes will be cleared.
**NOTES:**

To positive/Negative trigger (Boot - Trank release outputs)  
*** Never connect an alarm boot release trigger output directly to the boot release wire. 
*** The Boot release trigger outputs from almost all alarms system are low-current outputs. 
*** Connecting directly to the boot release wire without a relay will cause the unit to fail.

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**Central Lock Remote**  
CLRxxx-ULT

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**Learning switch**  
(push button)

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**Antenna**

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**Actuator motor & switch driver side door**

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**Actuator motor rear door**

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**Hazard lights output**  
(Indicators lights)

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**White**  
(+ Lock)

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**Brown**  
(- Un-lock)

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**Green**  
(- Power window [Total/Comfort closure output -ve] (window rolling-up))

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**Red/Black**  
(+ To Positive trigger)

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**Pink**  
(- To negative trigger)

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**Brown**

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**Introduction**

Before starting the installation please read these instructions carefully and familiarise yourself with the components 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. The 5 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 allen key as shown in diagram “B”. Do not tighten the clamps until the electrical connections are complete.
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 plug to the control box. Run the 5 core cable to the front door and the 2 core cables 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 to colour (see the wiring diagram). Connect red wire to the positive of the battery. Connect the black wire to negative of battery. Brown wire (unlock) and white wire (lock) to be used on alarm system.

Setting up and Testing

In the rear doors, fully extend the 2 wire actuator/s. Tighten the clamp. Operating a 5 wire actuator (front door) should now operate the lock/s connected to the 2 wire actuator/s (rear door).

Similarly tighten the clamps on the 5 wire actuator/s (passengers'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 by 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.

Connection to an alarm system

The central locking system can be controlled by any alarm that supports negative locking (low or high).

**Lock - White wire**
If the white wire is grounded the doors will lock.

**Unlock - Brown wire**
If the brown wire is grounded the doors will unlock.

To connect to our keyless or alarm

follow the wiring diagram below.

For other alarms simply connect the alarms Lock and unlock wires to the white and brown wires on the central locking module. * Negative (-) trigger pulse **ONLY**, Positive (+) trigger will **DAMAGE** the unit!

Connecting to our keyless or Alarm

<table>
<thead>
<tr>
<th>ALARM CDL OUTPUT</th>
<th>ALARM CDL OUTPUT</th>
</tr>
</thead>
<tbody>
<tr>
<td>ORANGE</td>
<td>NOT USED</td>
</tr>
<tr>
<td>WHITE</td>
<td>TO WHITE WIRE ON CENTRAL LOCKING MODULE</td>
</tr>
<tr>
<td>YELLOW</td>
<td>CONNECT TO GROUND</td>
</tr>
<tr>
<td>ORANGE/BLACK</td>
<td>NOT USED</td>
</tr>
<tr>
<td>WHITE/BLACK</td>
<td>TO BROWN WIRE ON CENTRAL LOCKING MODULE</td>
</tr>
<tr>
<td>YELLOW/BLACK</td>
<td>CONNECT TO GROUND</td>
</tr>
</tbody>
</table>
Adding extra actuators

To add extra actuators for a boot for example, simply wire another 2 wire actuator in parallel with the green and blue wires going to the existing actuators.

Sliding Doors

For vehicles with sliding doors a special sliding door contact is required to carry the connections for the green and blue wires across to the door when it is closed.

Fault Finding

1. **All doors lock and unlock by themselves.**
   Either the wires have been connected to non matching colours or the clamps on the 5 wire actuator/s are not aligned correctly. Repeat the set up and test procedure more carefully.

   **IMPORTANT NOTES:** make sure the White and Brown wires are not connected to ground at the same time!
   - WHITE to ground - locks the door
   - BROWN to ground - unlocks the door
   If you connect both (white and brown) to ground, then the doors keeps locking/unlocking!!
   Also; these, wires should never be connected (joined) together!

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 per problem 1.

3. **Rear doors lock when the fronts 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) and test that the red wire (positive power) is live with the keys removed from the ignition.
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