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Installation manual for automatic window lifter for **Dacia Spring**

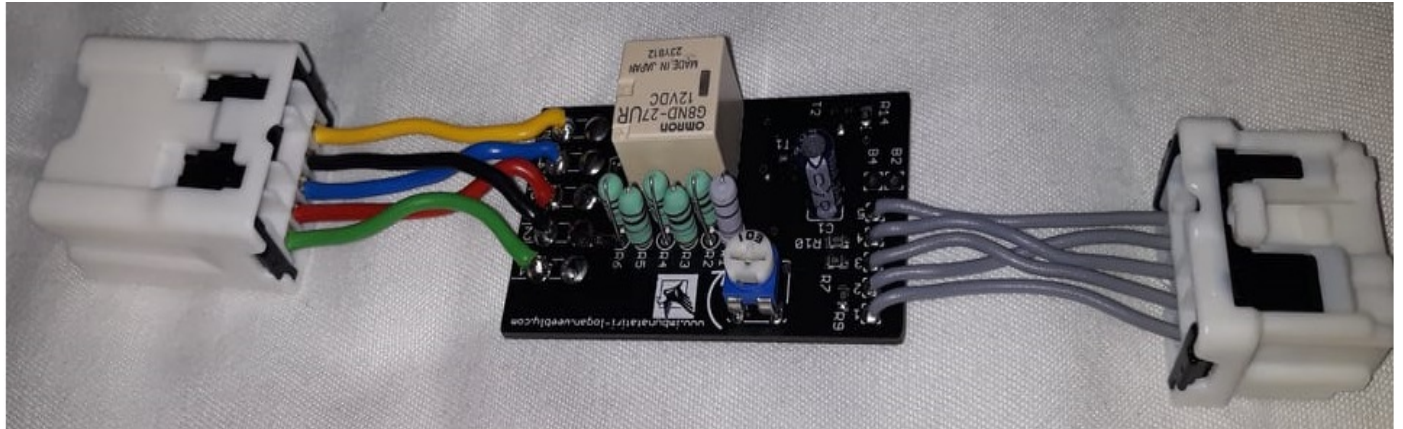
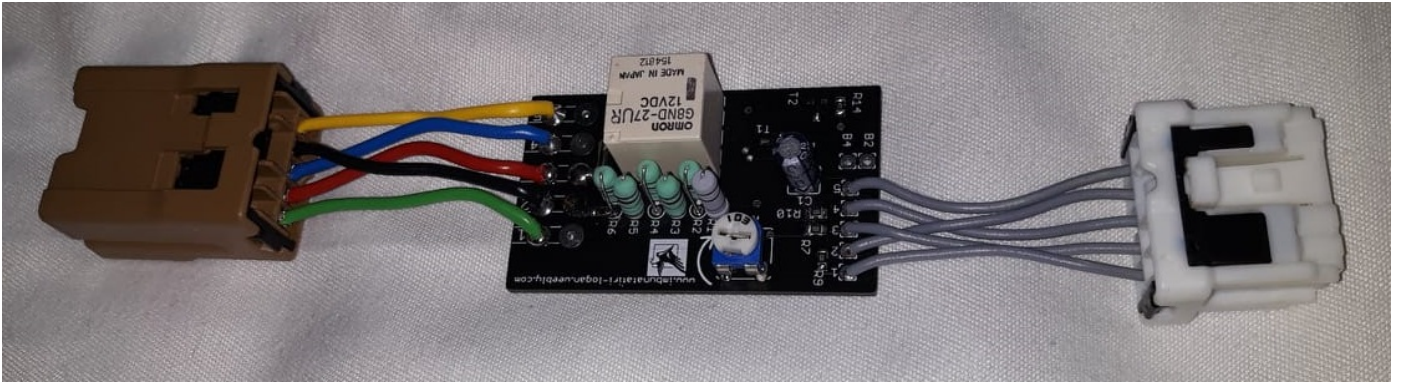
Remove the Media Nav/Radio frame

Pull the frame starting from the top side. Pull gently until the first corner becomes loose. Work your fingers across the perimeter until the frame is completely loose and pull it towards you then disconnect the 3 cables for: left window switch, right window switch, and the smaller cable for hazard/ECO/Lock buttons.



Install the one touch modules between the disconnected harness and its button. Installation is easy, just push the module's female connector into the button and the car harness female connector into module's male connector.

Left and Right modules have different connectors and cannot be swapped so install the module with brown connector to the right side window and the module with white connector to the left side window.



Test the one touch function of the windows

Switch ignition ON then shortly press the button up or down. The window should go up or down all the way.

Long press the button. The window will go up or down as long as you press the button. If all is OK refit the Medianav frame taking care to push the modules in the space inside the dashboard.

The modules for rear windows have different connectors but are installed in a similar way. Remove the door handle by unscrewing the screw placed in the cavity. Pull the handle upwards until the securing clips are disconnected. Disconnect the harness for the button then insert the module in between. Replace the door handle and the screw.



Enable remote open/close for the windows

If you want to use the remote window open/close function (when you lock the car twice/unlock the car 3 times) some wiring operations must be done.

First you need to connect the LOCK and UNLOCK marked wires of the modules to the central locking unit called BCM/UCH.

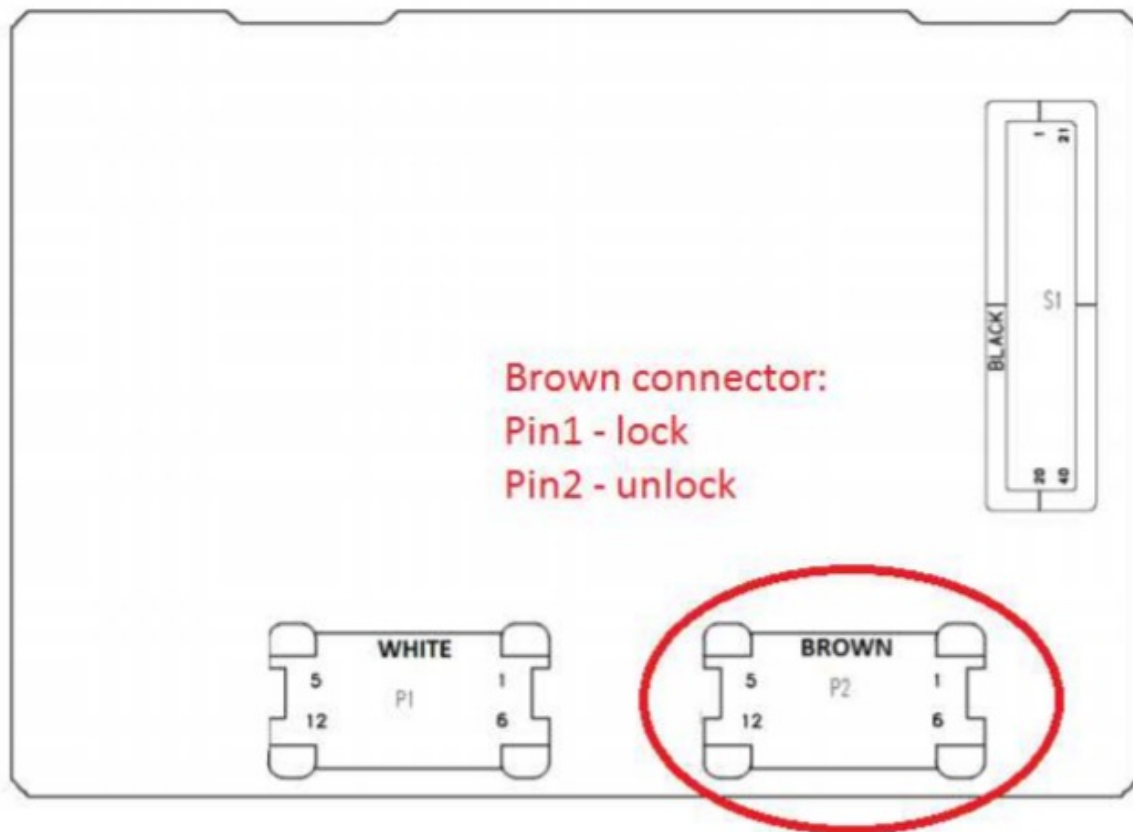
Identify the BCM/UCH. It is behind the fuse box above the area where the clutch pedal would be if manual gear box. It has a Continental marking. It looks like this:



Now focus on the **Brown connector** which has the LOCK and UNLOCK signals to be wired to the one touch modules.

Use a wire to make the connection between the wires marked **LOCK** on the one touch modules and the **brown connector/position 1**. This wire is **Green** in the Spring/BCM/brown connector.

Use another wire make the connection between the wires marked **UNLOCK** on the one touch modules and the brown **connector/position 2**. This wire is Light blue in the Spring/BCM/brown connector.



For the rear windows the connection to the central locking must be done inside the door where the central locking actuator is placed. Identify the actuator in the rear area of the door. By using a multimeter identify which wire is **active** (is powered/has a potential of +12V for about half a second) during lock and which is **active** during unlock. Door panel must be removed to make this connection. After identifying the wires at the central locking actuator, make the connections for LOCK and UNLOCK wires of the one touch modules.

Connect electrical windows circuit to permanent battery voltage. This is needed so that there is power available after the ignition is switched OFF.

In order to achieve this the fuse for electric windows must be removed (small green 30A fuse - check user manual to identify it).

Now a wire must be connected to bring power from a permanent battery circuit to the electric windows circuit

Use a thick wire (minimum 1.5mm²) to make the bridge as in the photo below but adapt it to your car.. In the photo there is a fuse box of Dacia Dokker so please identify the position of the correct fuse in your car.



Now your electric window circuit is permanently powered no matter if Ignition is ON or OFF. Now test the function: exit the car and unlock it 3 times - windows should go down all the way. Lock the car 2 times - windows should go all the way up.

Repeat the same procedure if you need to power the rear windows circuit as well, Make another bridge to the corresponding circuit of the rear windows.

