

A simple cheap fix for weak Central Locking Motors on FTO's

PARTS REQUIRED

A Door Lock Motor from [Maplin](#). There are two types, a 5 wire (Order code YD78K £8.99) and a 2 wire version (Order code YD79L £7.99). Either will work all you need is the 2 wires but the 5 wire version has a built in 2 way switch (May be useful if you want to use it to fold in your mirrors or something)

A couple of Lucas spade connectors (Halfords or Maplin)

DO THIS AT YOUR OWN RISK

HOW TO INSTALL

- Disconnect the battery. (It's up to you!!! Reset your ECU/Gearbox or blow a few things up)
- The first thing to do is to remove the interior door panel

Remove the 3 small plastic screw covers, 1 near the front of the door and the other 2 towards the back of the door. Now you can remove the screws. Remove the large plug in the middle lower of the door (Under the handle) and remove the large screw. Remove the small black screw that holds the cover round the door release, you can now remove this cover. There is another large screw behind this cover, remove it. The door trim now pulls off, you may have to give it a tug! You will need to disconnect the electric window switch connector

- Disconnect the cable from the bottom of the original central door lock assembly.
- Remove the BLUE/RED and BLUE/BLACK from the connector housing, use a small screwdriver to release the catch inside between the metal connector and the plastic plug housing. This is very fiddly.
- Now reconnect the connector (with the two remaining wires) into the original central door lock assembly so it can use the original central door lock position sensor. (Providing this is not the part that's faulty - normally it's the motor that gets weak)
- Fit the Maplin Door Lock Motor as shown



just make sure that the window does not hit the new Door Lock Motor. You will need to drill 2 small holes in the metal inner panel and bend the connecting rod to suit. DO NOT fully tighten the adapter that fixes the new rod to the original connector rod, this will need adjusting once it's all working.

- Connect the BLUE/RED to the GREEN wire and the BLUE/BLACK to the BLUE wire on the Maplin Door Lock Motor. You will have to solder on some new connectors onto the Maplin Door Lock Motor as they are the wrong type.
- Now connect that battery. Look for smoke!!
- Now operate the locks with the remote control. You will have to operate the door lock manually at the same time to keep the original central door lock position sensor in sync, if not the locks will do some funny things like unlock and lock straight away.
- Take note of where the adapter that fixes the new rod to the original connector rod, adjust and fix to suit.

