Po-40: Installation Manual
Lexus GSIII (2006-2011)

Note : use 2 control units, one for left door and one for right door

1. Remove Left Door panel
You can find the black "MIRROR CONTROL UNIT" Which has three connectors, connector A, connector B and Connector C

LHD Left (Driver's) DOOR

2. at Connector (C),
Cut the **GREEN** wire (No:3 on switch) now we have
- the **GREEN** wire (Switch side) and the **GREEN** wire (Motor Side)
Cut the **BLUE** wire (No:11 on switch) now we have
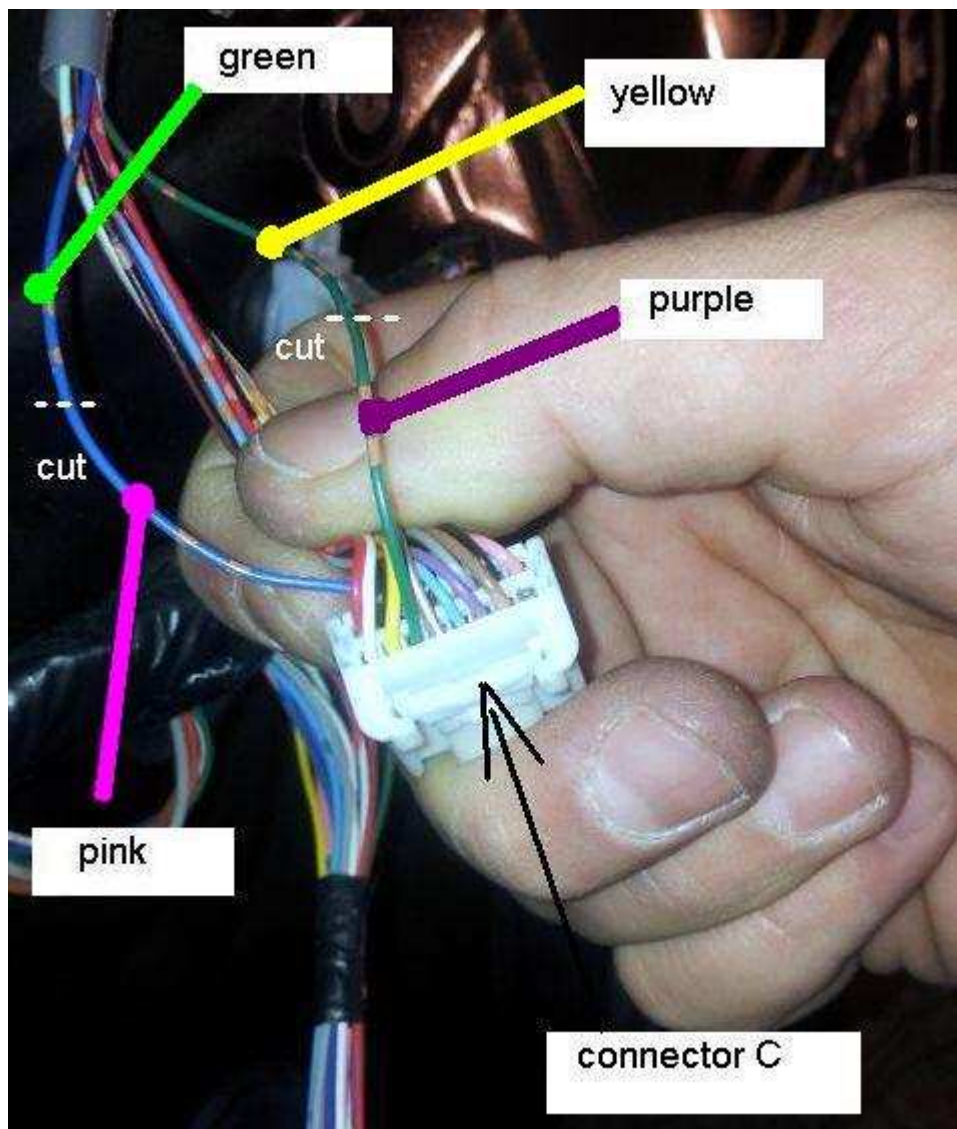- the **BLUE** wire (Switch side) and the **BLUE** wire (Motor Side)
then see the picture below
Connect Pink wire of Po-40 harness to **BLUE** wire (Switch side)
Connect Green wire of Po-40 harness to **BLUE** wire (Motor side)
Connect Purple wire of Po-40 harness to **GREEN** wire (Switch side)
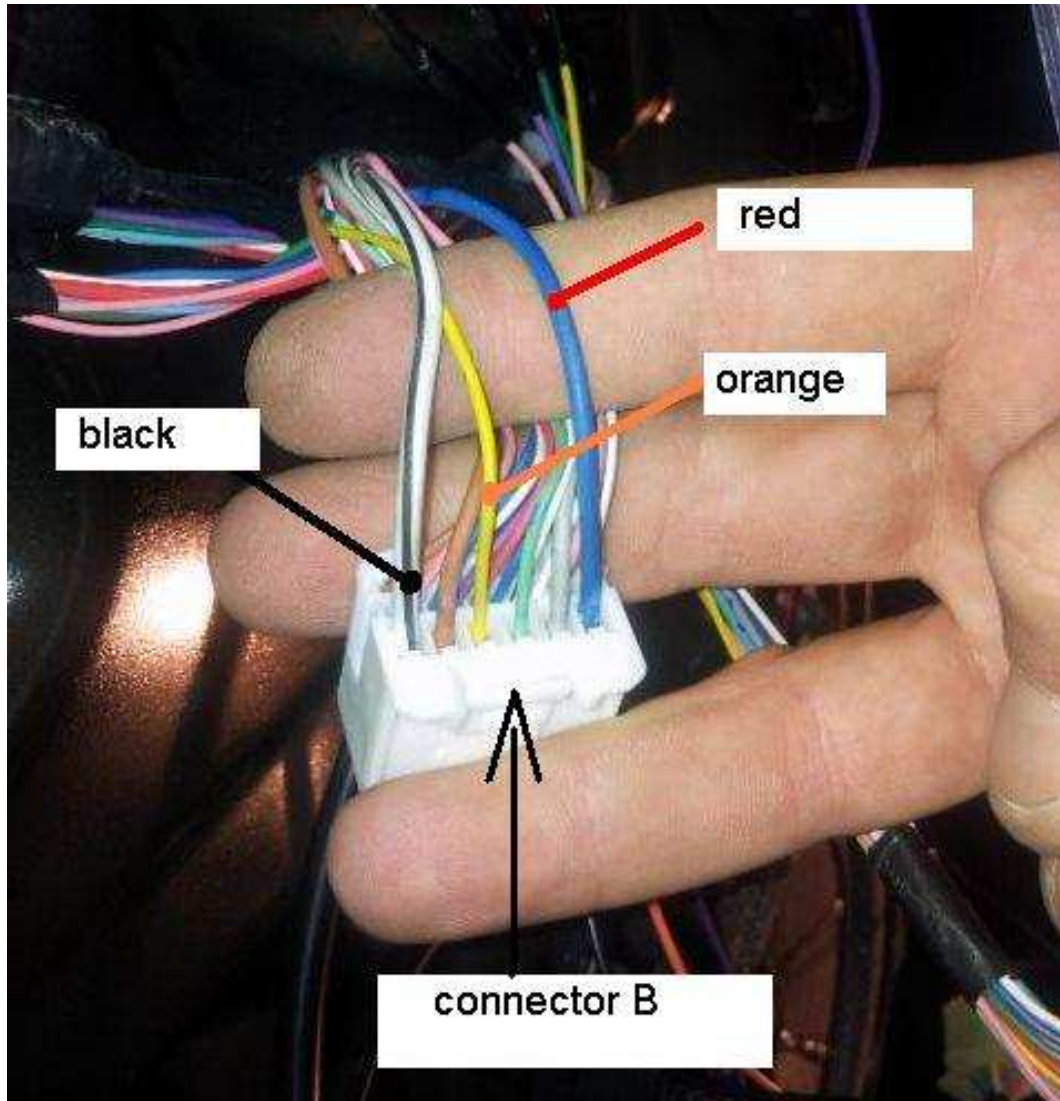Connect Yellow wire of Po-40 harness to **GREEN** wire (Motor side)

3. at Connector (B)

Splice Red wire of Po-40 harness to **BLUE** wire of Connector (B)
Splice Orange wire of Po-40 harness to **Yellow** wire of Connector (B)
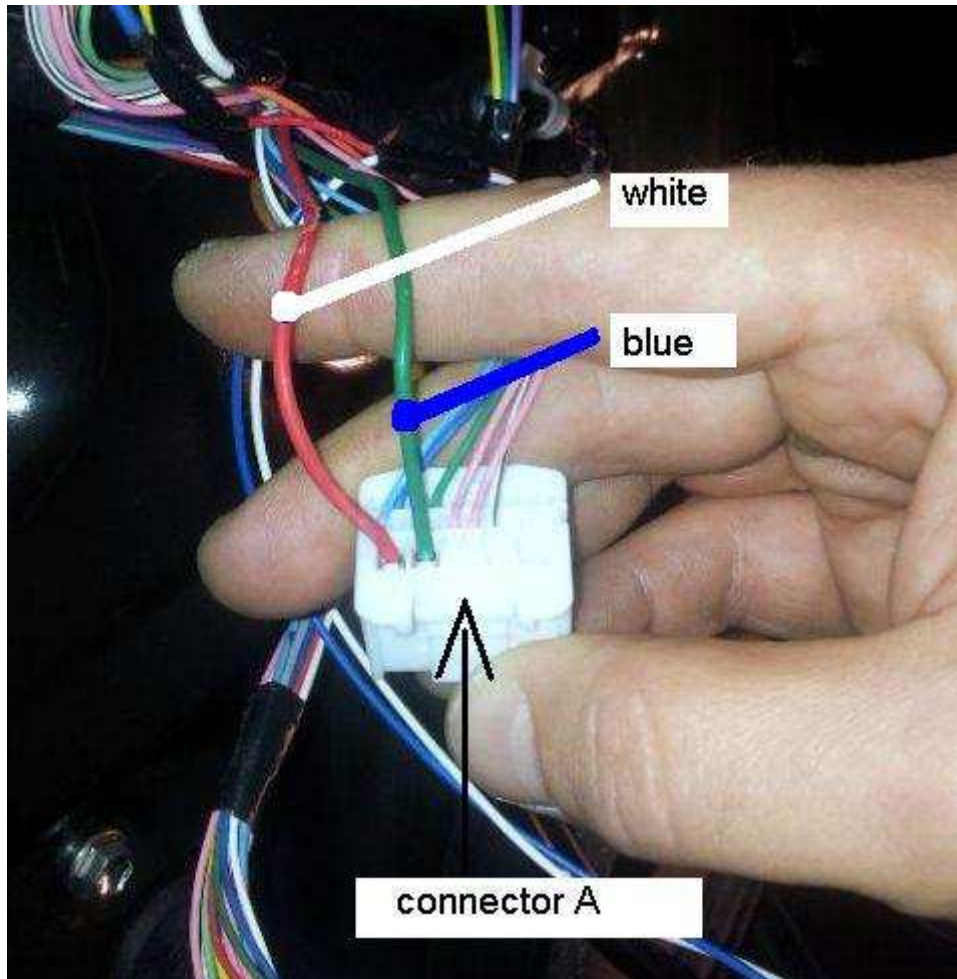Splice Black wire of Po-40 harness to **WHITE** wire of Connector (B)

4. at Connector (A),

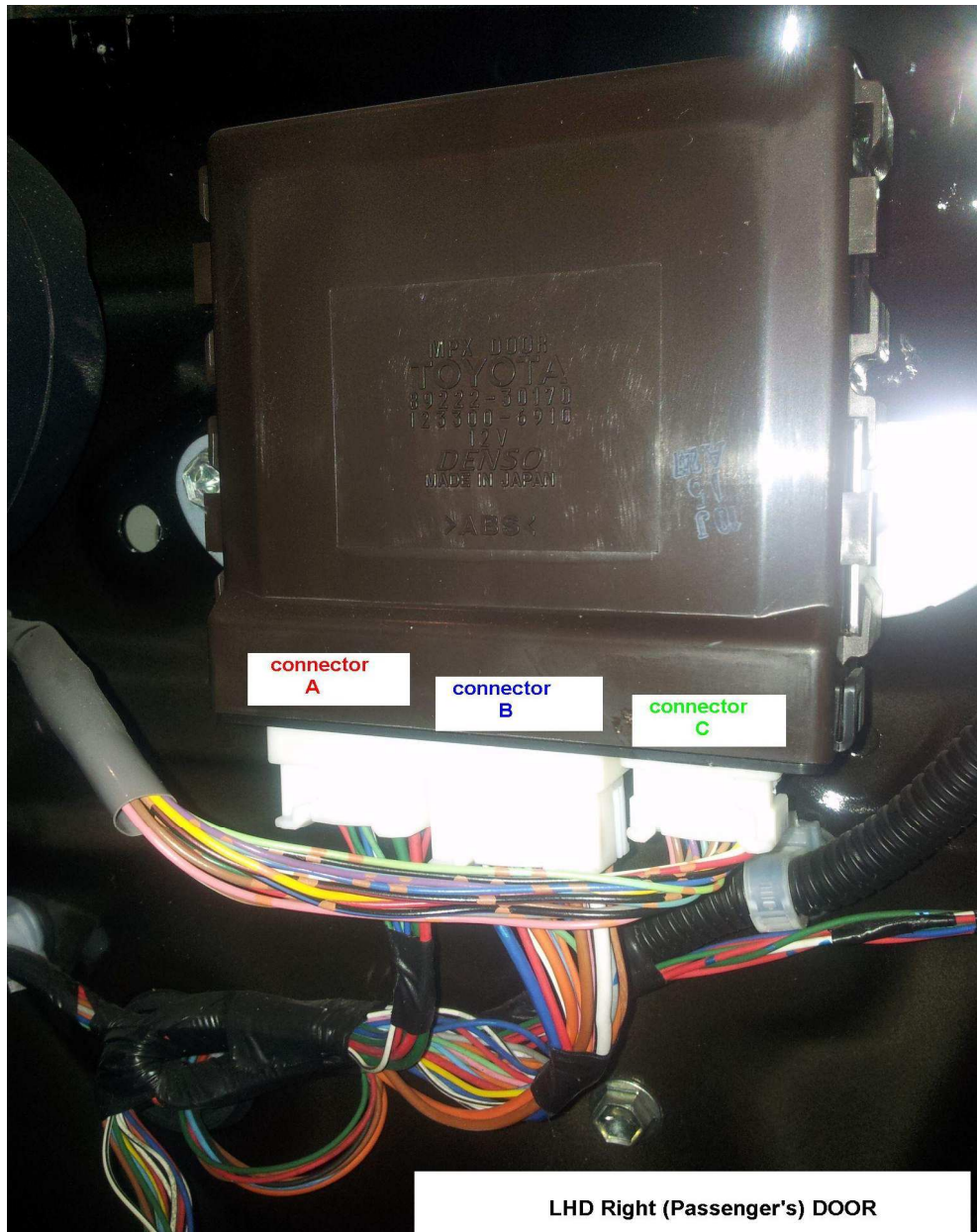Splice Blue wire of Po-40 harness to **GREEN** wire of Connector (A)
Splice White wire of Po-40 harness to **RED** wire of Connector (A)

Now you should just do the same procedures for
Right (Passenger's) Door

5. Remove Left Door panel
You can find the black "MIRROR CONTROL UNIT" Which has
three connectors, connector A, connector B and Connector C

connector A

connector B

connector C

LHD Right (Passenger's) DOOR

6. at Connector (C),
Cut the **GREEN** wire (No:3 on switch) now we have
- the **GREEN** wire (Switch side) and the **GREEN** wire (Motor Side)
Cut the **BLUE** wire (No:11 on switch) now we have
- the **BLUE** wire (Switch side) and the **BLUE** wire (Motor Side)
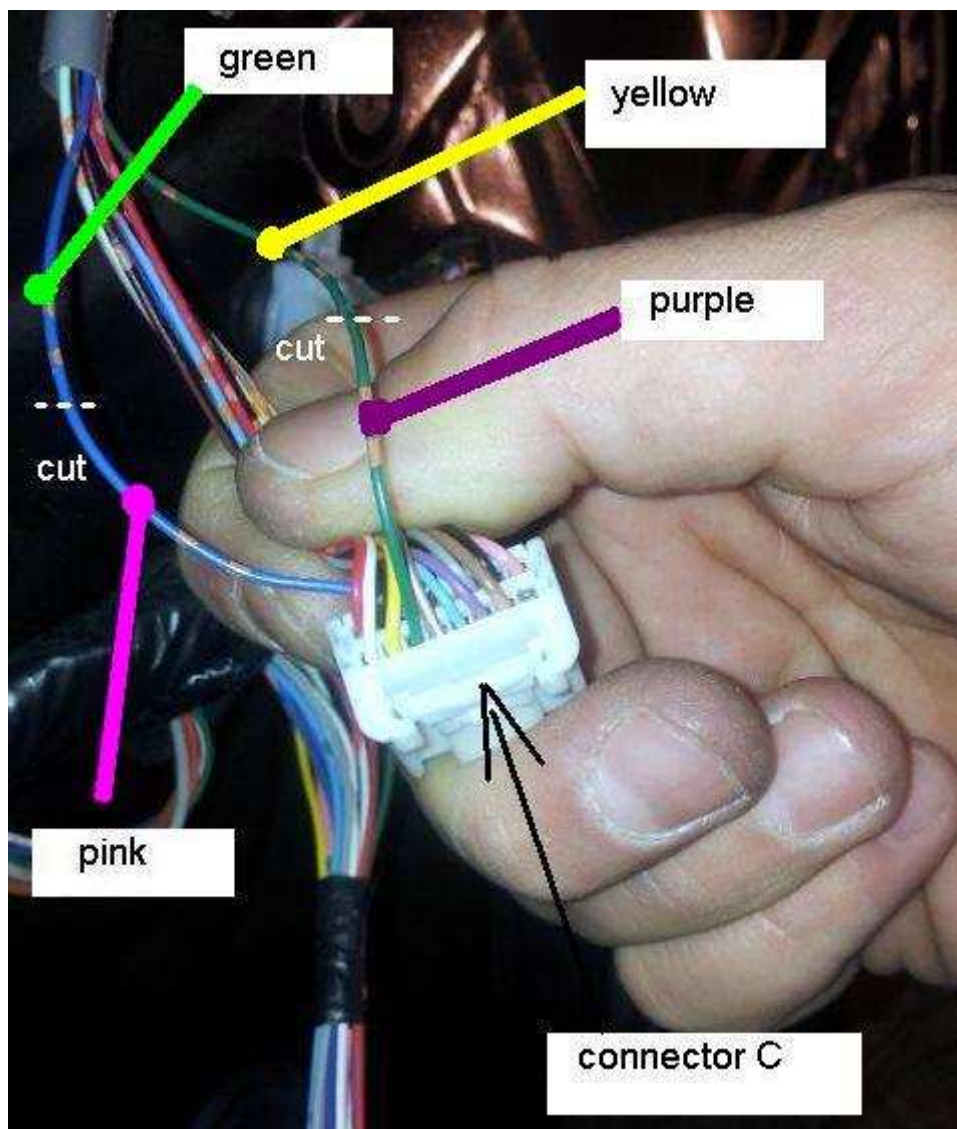then see the picture below
Connect Pink wire of Po-40 harness to **BLUE** wire (Switch side)
Connect Green wire of Po-40 harness to **BLUE** wire (Motor side)
Connect Purple wire of Po-40 harness to **GREEN** wire (Switch side)
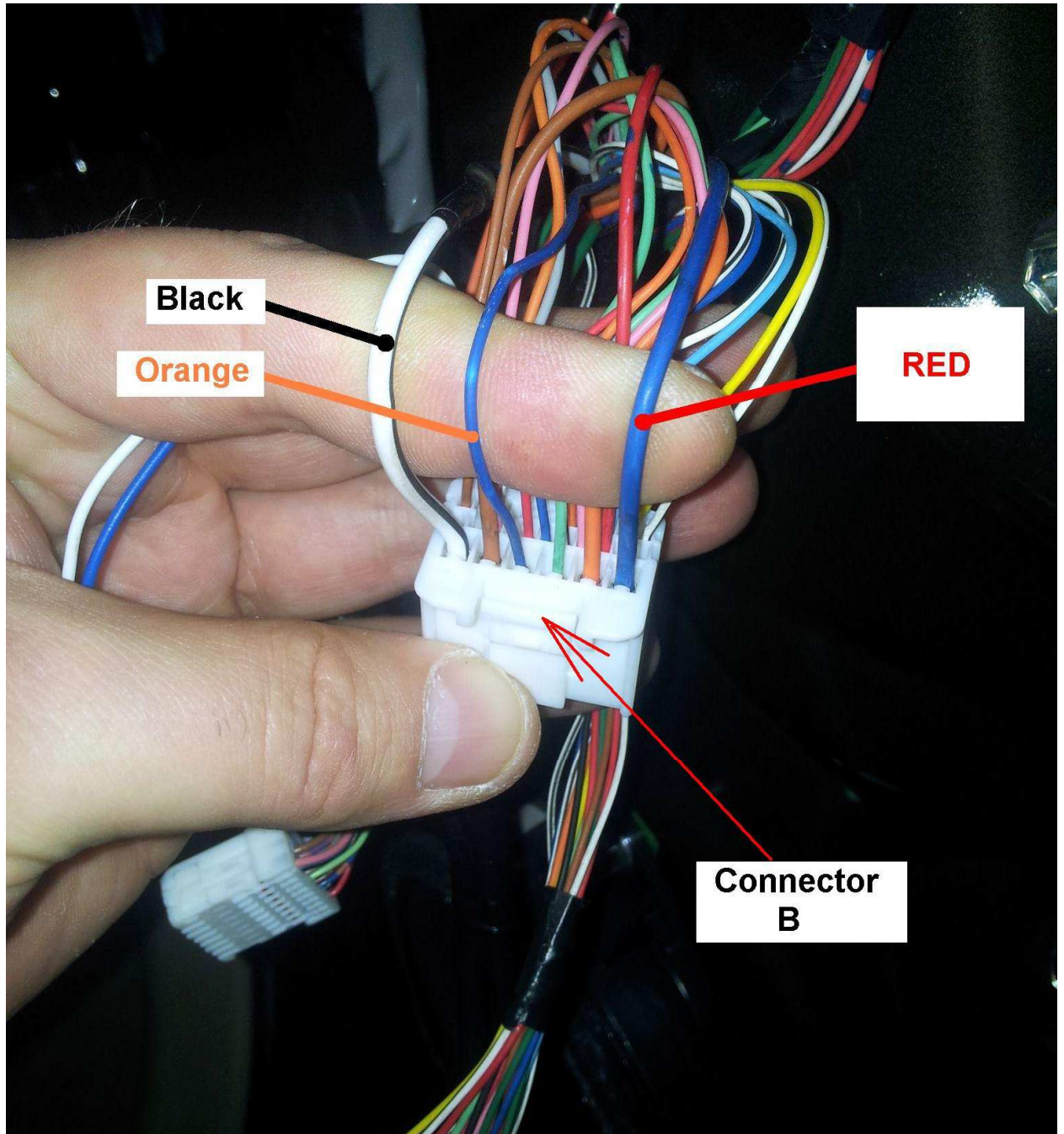Connect Yellow wire of Po-40 harness to **GREEN** wire (Motor side)

7. at Connector (B)

Splice Red wire of Po-40 harness to **Blue** (thick) wire of Connector (B)
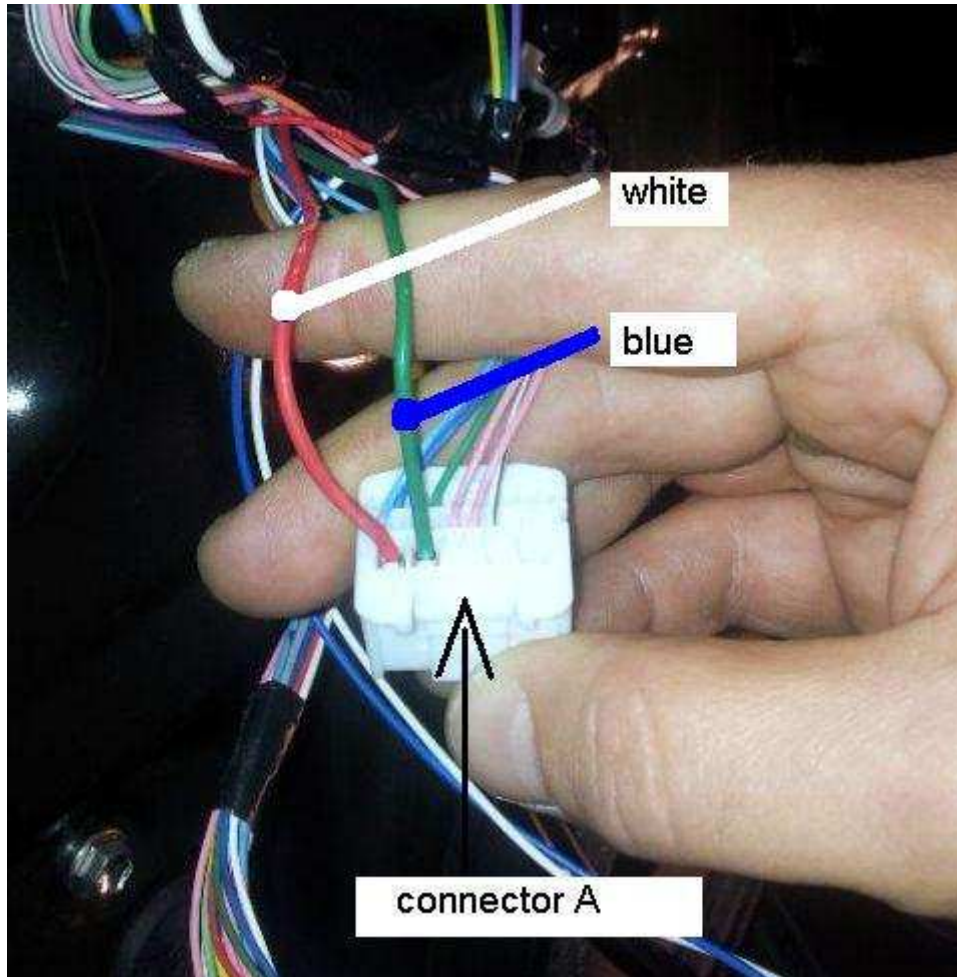Splice Orange wire of Po-40 harness to **Blue** wire of Connector (B)
Splice Black wire of Po-40 harness to **WHITE** wire of Connector (B)

8. at Connector (**A**),

Splice Blue wire of Po-40 harness to **GREEN** wire of Connector (**A**)
Splice White wire of Po-40 harness to **RED** wire of Connector (**A**)

main function of the Po-40 Control Unit
With key switch OFF and every doors closed
Lock by Remote, key, button on door handle ⟹ Mirror Retract
Unlock by Remote, key, button on door handle ⟹ Mirror Extend
With key switch Acc or ON
Lock / Unlock does not control Mirror to Retract or Extend
But you can Retract/Extend outside mirror by Retract switch on driver door panel.

Special function of the Po-40 Control Unit

1. Door Lock but Mirror not Retracts

- key switch off
- close every door (doors still unlock)
- Press Unlock button and then press Lock button on your remote (with in 1 second)

2. Door Unlock but Mirror not Extend

- come back to the car (door still lock)
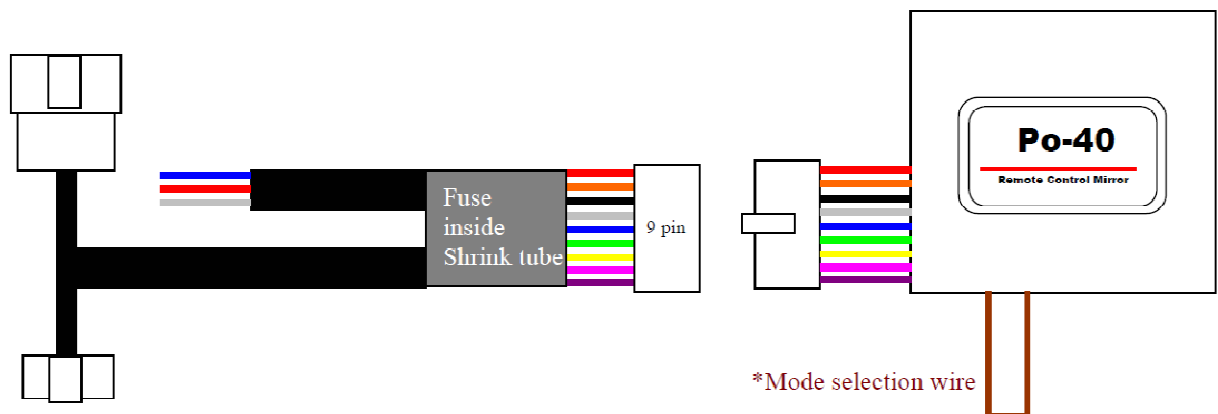- Press Lock button and then press Unlock button on your remote (with in 1 second)

Now you can enter the car but mirrors are still retracted,
they will extend when the key switch Acc or ON
Special functions are one-time functions.
only on the situation you press Lock and then Unlock consecutively
or Unlock and then Lock consecutively,
5 seconds after that the control box will reset to normal operation automatically.
On the harness there is black shrink tube wrap around it (Fuse inside) if you install everything correctly but the control box does not operate please remove the black shrink tube and inspect if the fuse holder loose or disconnected.

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- **leave it connected in loop**
Lock ⇨ Retract, Unlock ⇨ Extend
- **cut it and wrap each side with electrical tape separately**
Lock ⇨ Retract, Key switch ACC or ON ⇨ Extend