

# Tesla Diagnostic plug connection guide

## Model S & Model X

### 1. Required Tools

1. Torx T20 socket



2. Plastic crowbar



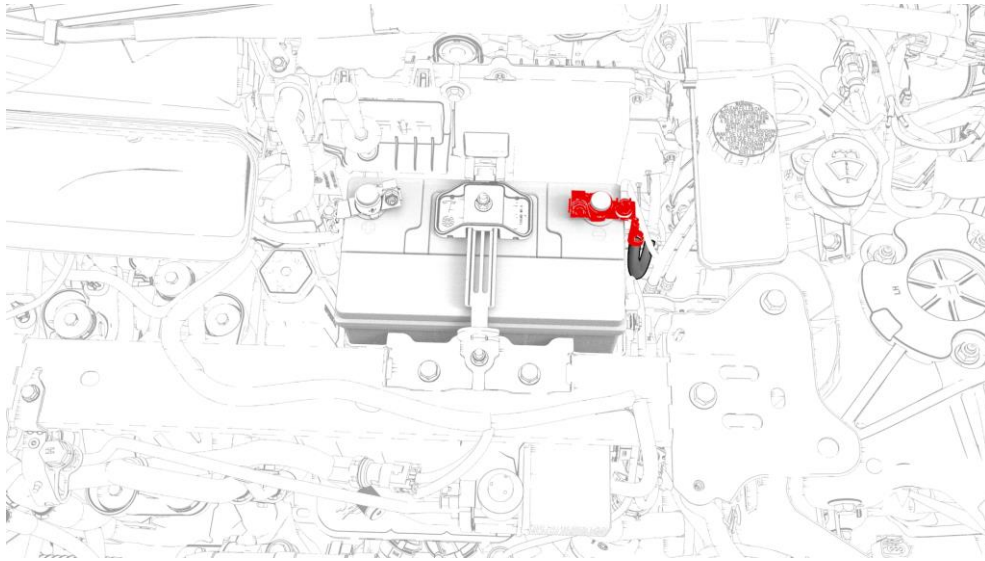
3. 10 mm deep socket



### 2. Preparation before Disassembly

1. Click at the lower left corner of the central control screen in following sequence: vehicle icon → safety & security → turn off power.

2. Disconnect the negative cable of 12V battery at front compartment.

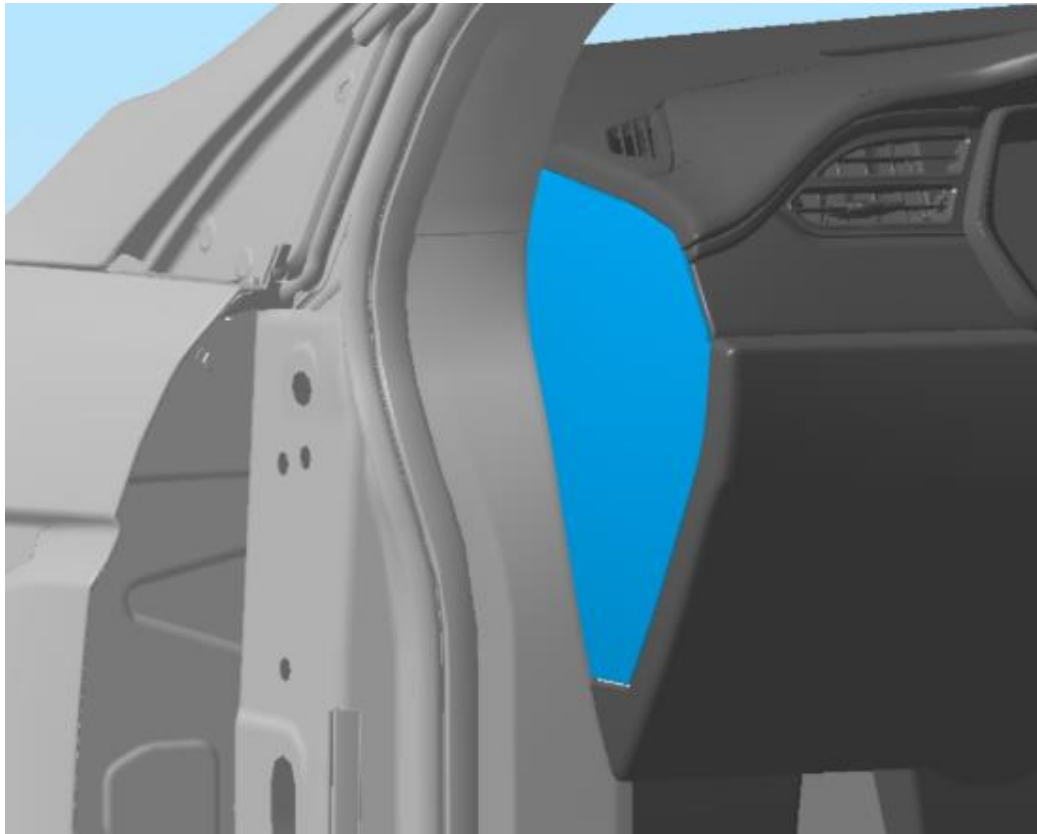


3. Disconnect the first responder loop at the right side of the 12V auxiliary battery.



### 3. Disassembly Steps

1. Remove the instrument panel side cover from the vehicle.



2. Remove the lower dash trim from the vehicle.



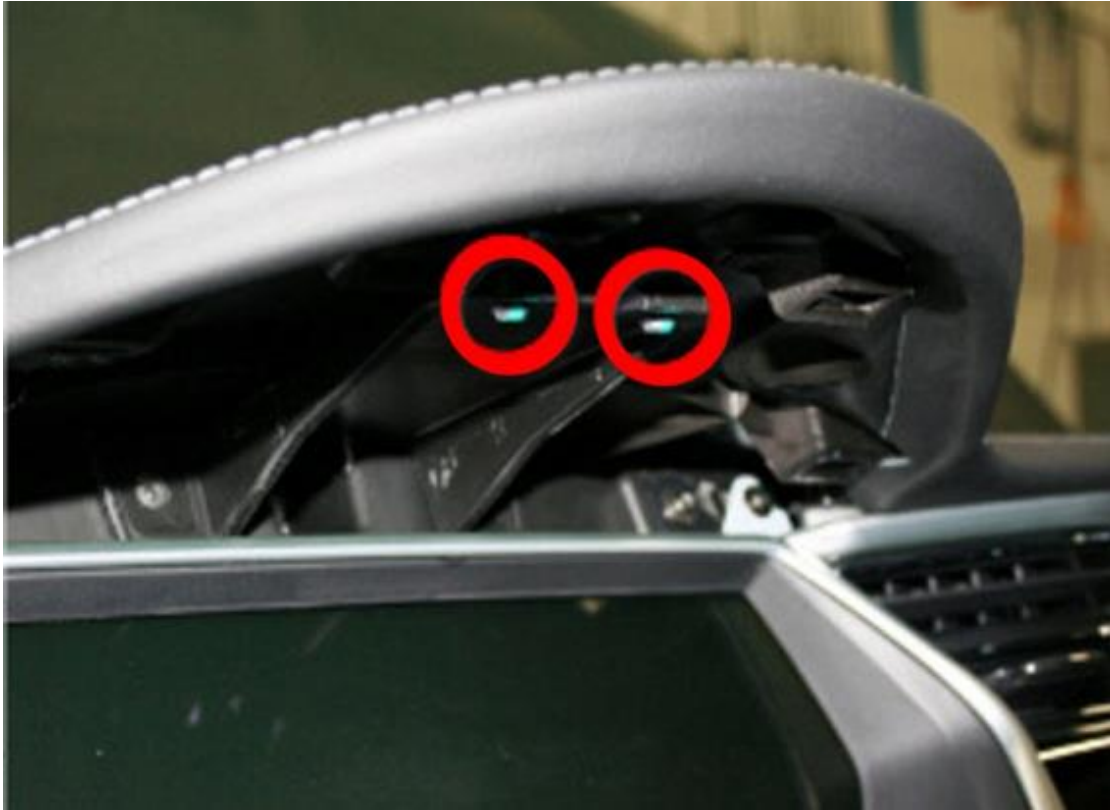
3. Remove the outer face level vent from the vehicle.



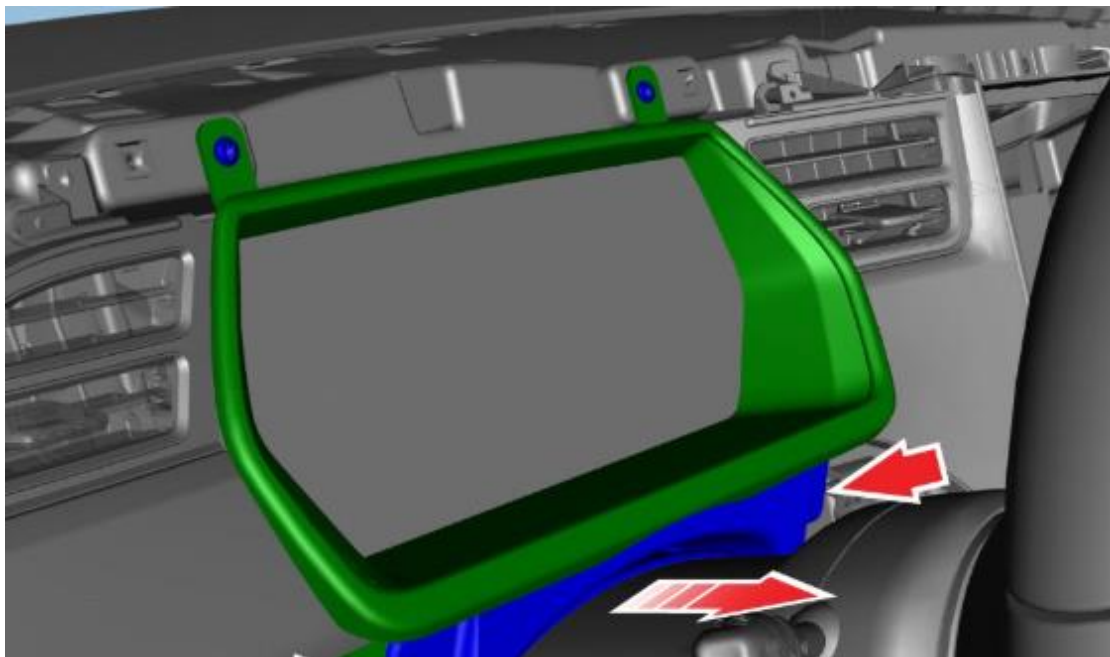
4. Remove the inner face level vent from the vehicle.



5. Remove the fixing screws (2 pcs) between the top pad and the instrument panel carrier (torque 1.2 Nm).

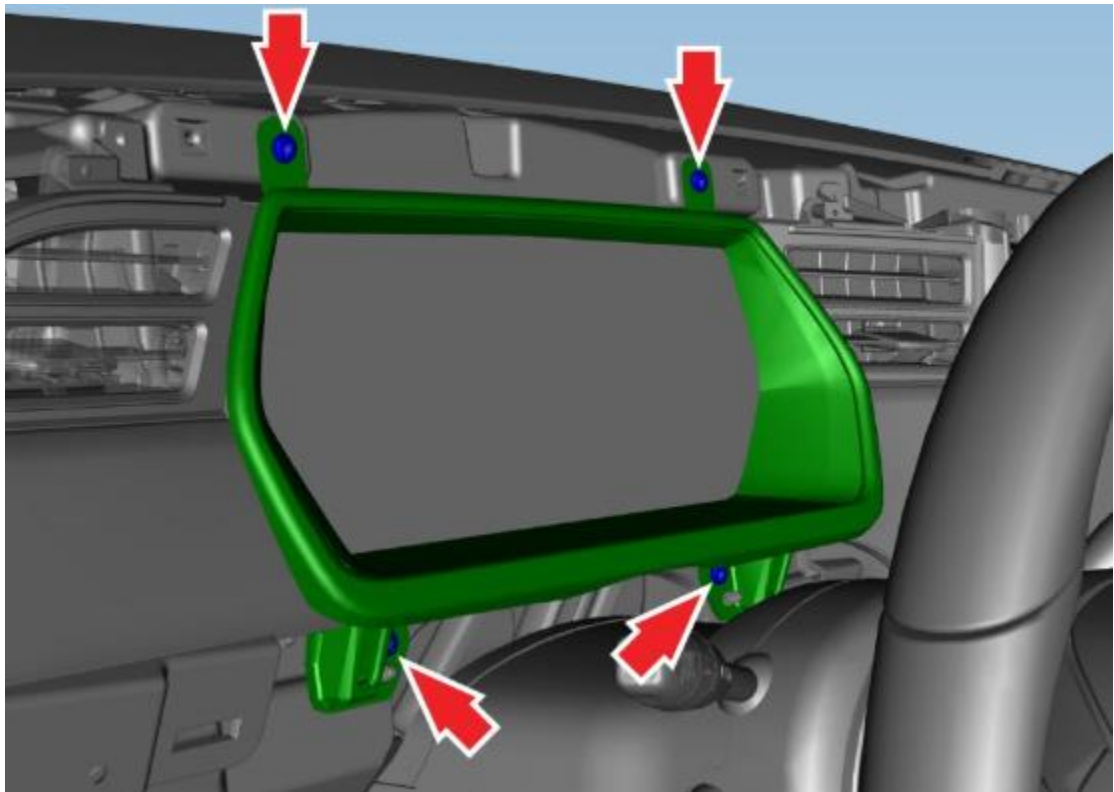


6. Release the fixing clips (2 pcs) between the steering column cover and the instrument cluster frame.

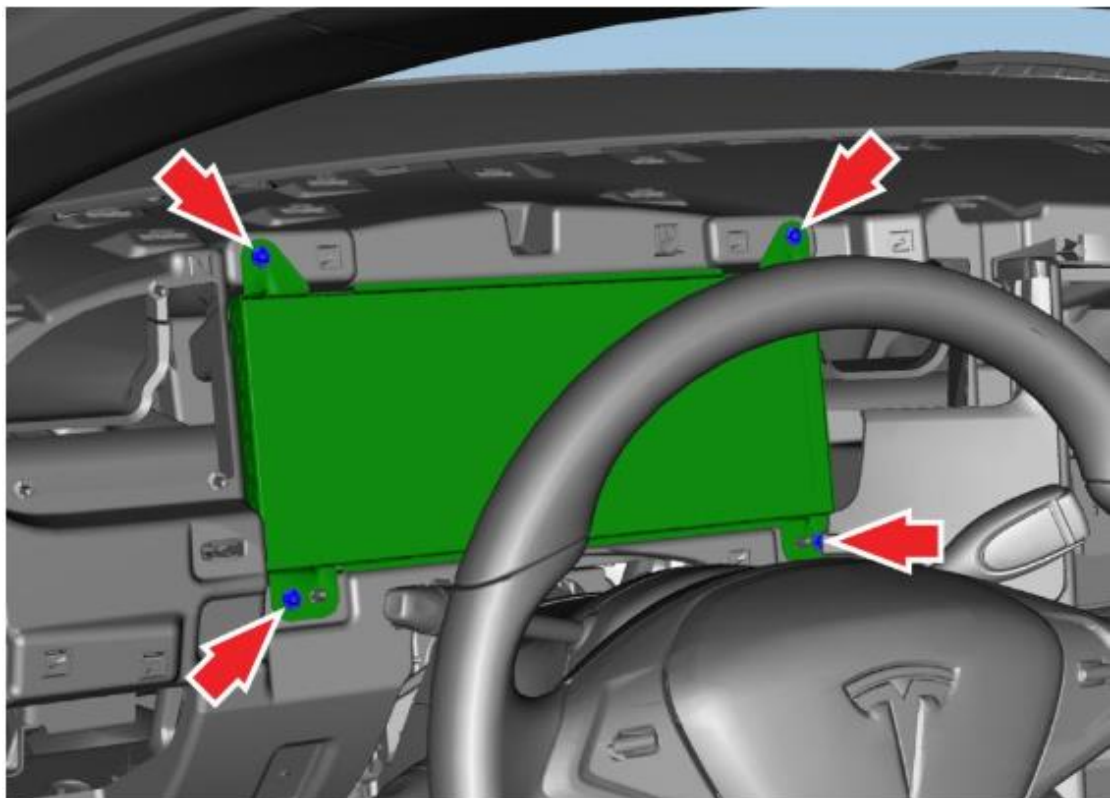


7. Remove the instrument cluster frame from the vehicle.

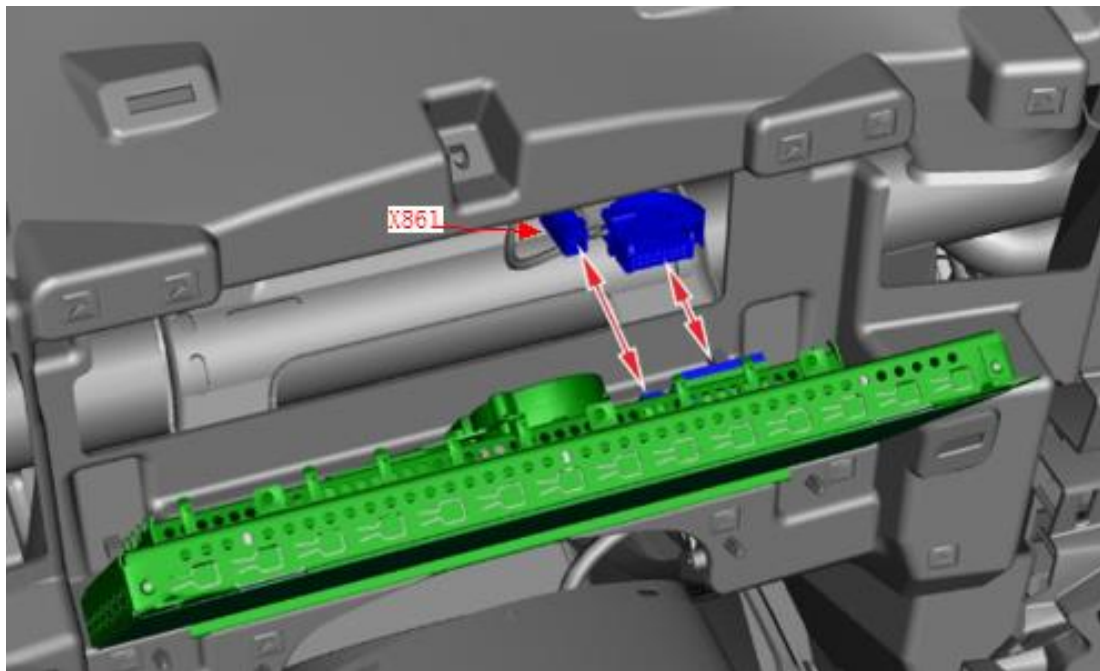




8. Remove the instrument cluster from the instrument panel carrier to check the harness connection.



9. Disconnect the electrical connectors (2 pcs) from the backside of the instrument cluster.



10. Connect the diagnostic cable LC001 to instrument cluster connector X861.

