

Tesla Diagnostic Adapter Cables Connection Guide

Model S & Model X

Packing List



TLAN001



TCAN001

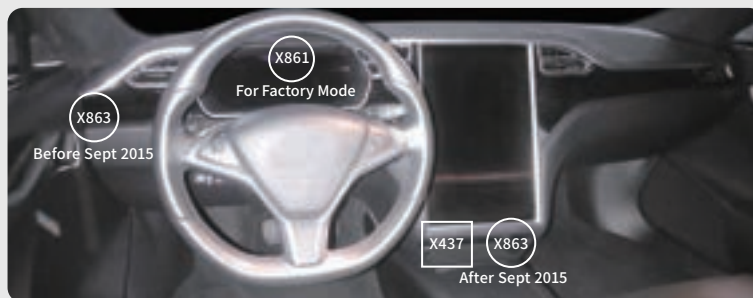


TCAN002



Tesla Diagnostic Adapter Cables
Connection Guide (This Document)

| Adapter Cable | Supported Model | Model Year | Connection Port | Connection Port Location | Function |
|---------------|-----------------|------------------|-----------------|--|---|
| TLAN001 | Model S/Model X | All | X861 | On the back of the instrument cluster | Activate Factory Mode |
| | | After Sept 2015 | X863 | Below the central control screen | Perform diagnosis for LAN related systems |
| | | Before Sept 2015 | | On the left side of the instrument cluster | |
| TCAN001 | | After Sept 2015 | X437 | Below the central control screen | Perform diagnosis for CAN related systems |
| TCAN002 | | Before Sept 2015 | | | |



Locations of X861, X863, and X437

TLAN001 Connection Guide

Required Tools (not included):



Torx T20 socket



Plastic crowbar



10 mm deep socket

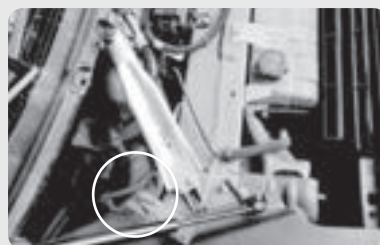
Preparation Before Disassembly

Warning: Be sure that vehicle power is off before disassembling.

1. Tap the lower-left corner of the central control screen in the following sequence: vehicle icon → **Safety & Security** → **POWER OFF**.
2. Disconnect the negative cable of the 12V battery at the front compartment.



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



Disassembly Steps

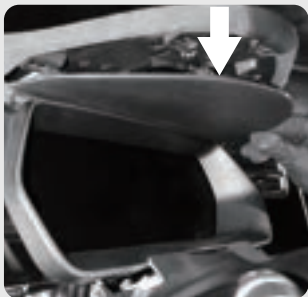
1. Remove the side cover of the instrument panel from the vehicle, and then remove the screws behind the side cover.



2. Remove the lower dash trim from the vehicle.



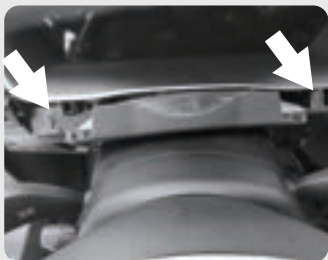
3. Remove the gasket on the top of the instrument cluster.



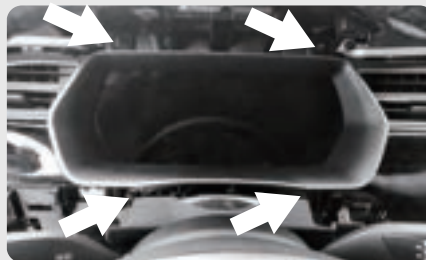
4. Remove the fixing screws (2 pcs) between the top pad and the instrument panel carrier (torque 1.2 Nm).



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



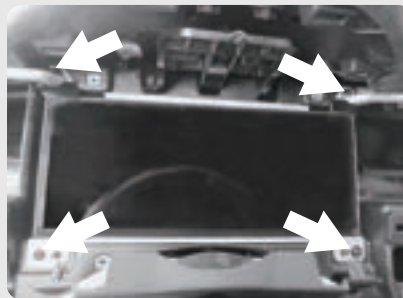
6. Remove the instrument cluster frame from the vehicle.



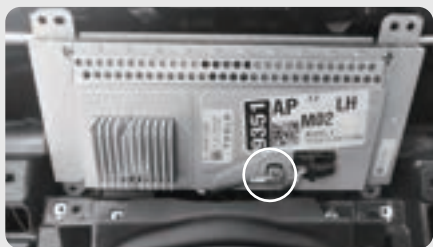
7. Remove both the outer face-level vent and the inner face-level vent from the vehicle dash.



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



9. Disconnect the x861 from the backside of the instrument cluster.



10. Connect the diagnostic cable TLAN001 to the instrument cluster connector X861.

