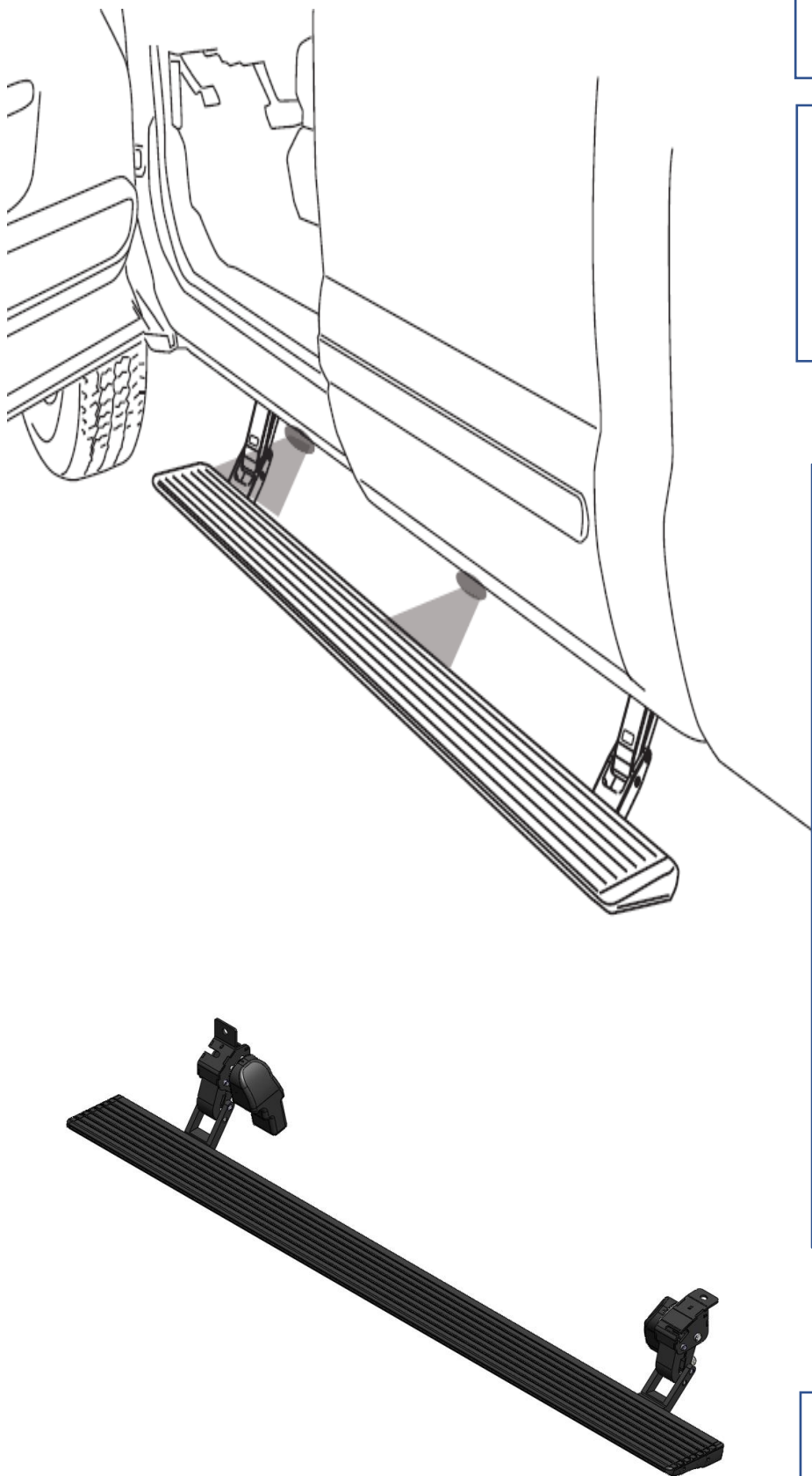


# RANGER



INSTALLATION TIME

3 – 4 HOURS

Professional installation  
recommended

ZORLUK SEVİYESİ

1

2

3

4

### EQUIPMENT LIST

- Protective glasses
- Ratchet wrench and arms
- Cable stripper
- Allen wrench set
- Electrical insulating strap
- Pliers
- 8 mm spanner
- 13 mm spanner
- 10 mm spanner
- Drill

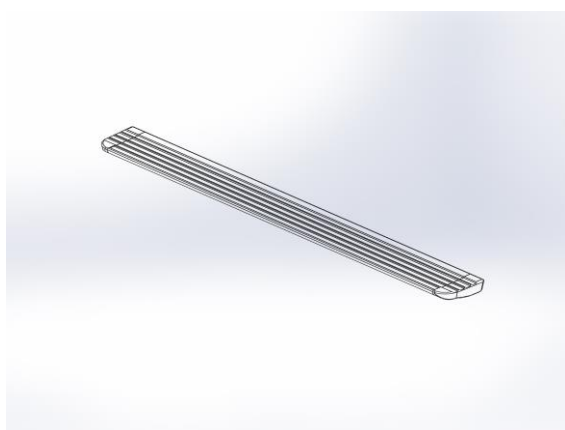
WARRANTY  
2 YEARS



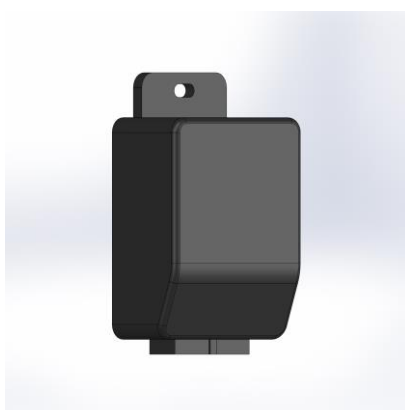
Carrier Foot



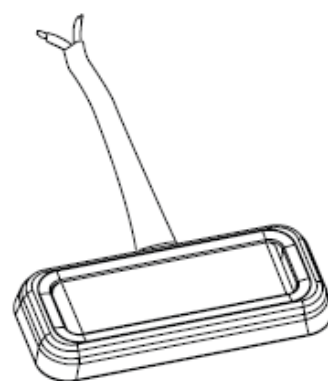
Carrier Foot



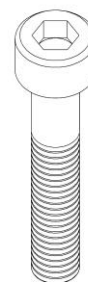
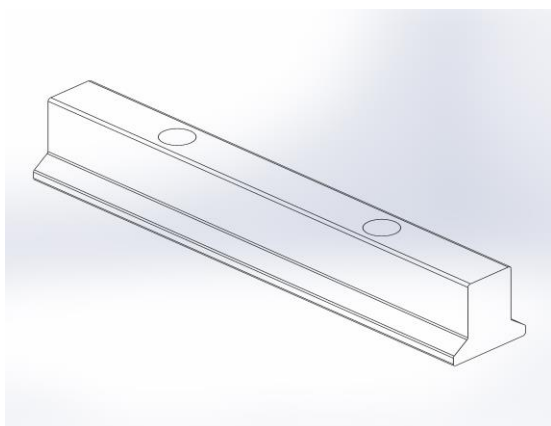
Board



Control Unite

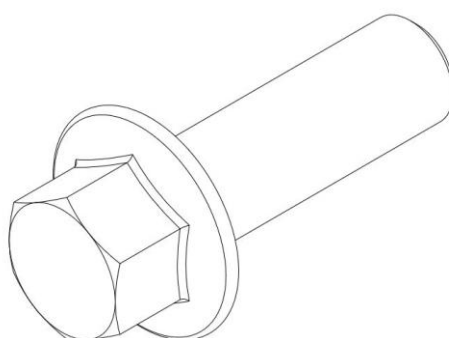


LED



Board profile connection part x 2

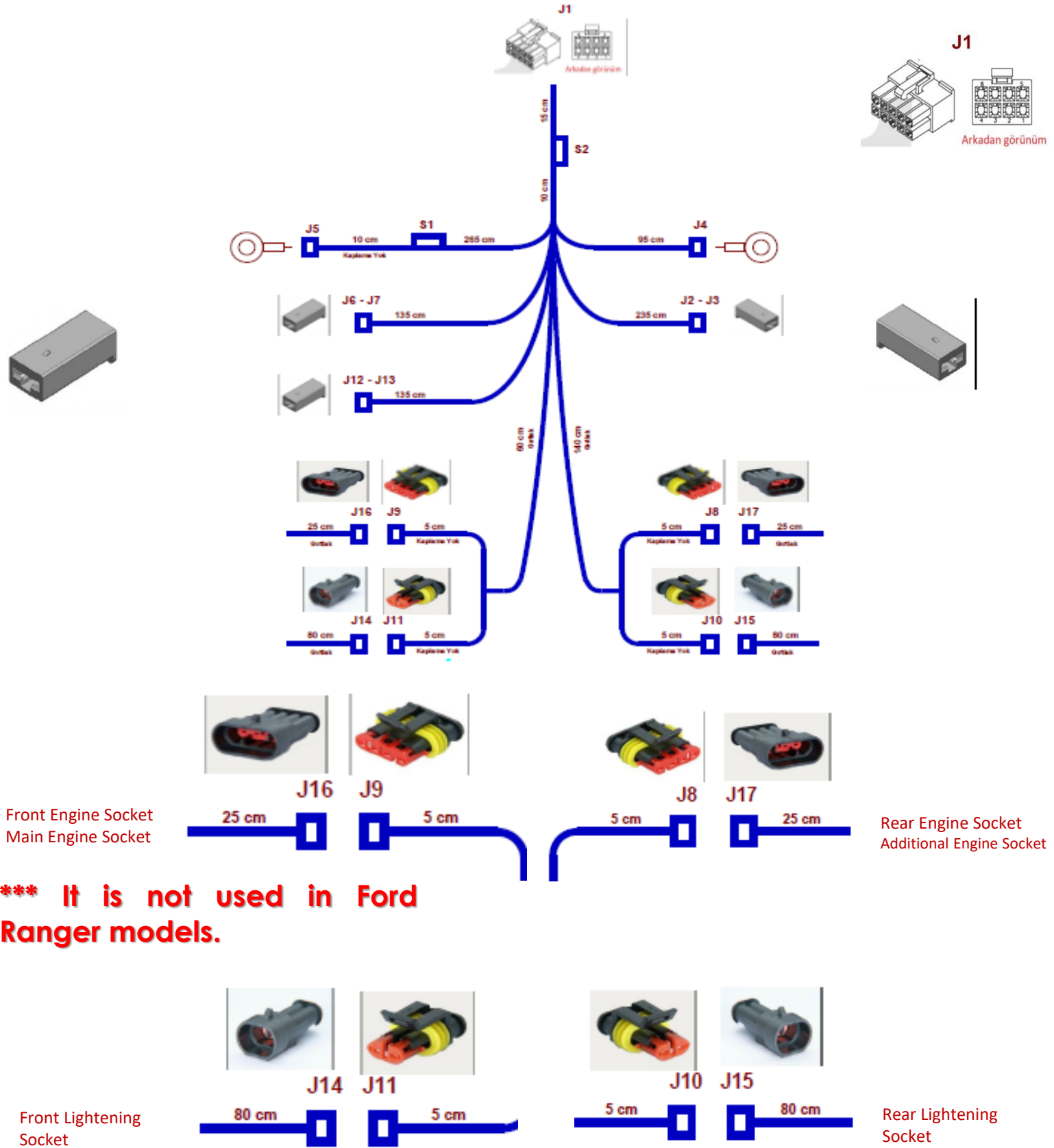
M6 x 20 hex socket head bolt x 4

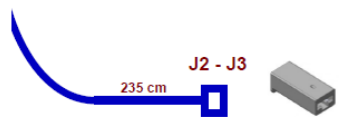
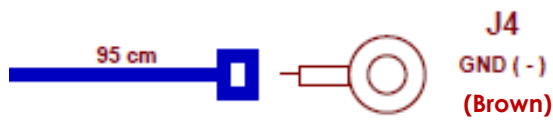
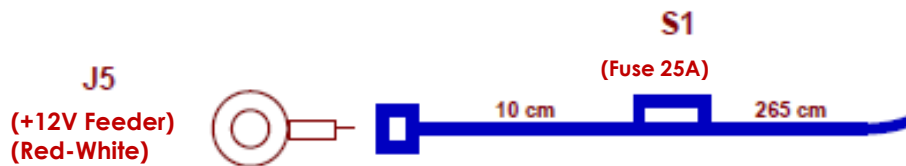
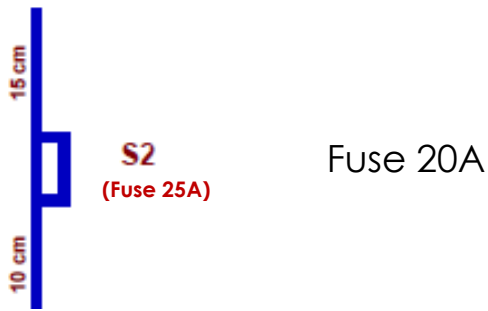


M10 x 25 Flanged (Wrench flat 13mm) Bolt x 6 Pieces

**Not:** If the vehicle has a fixed board, its original connecting bolt is used..

## TWIN ENGINED v - board





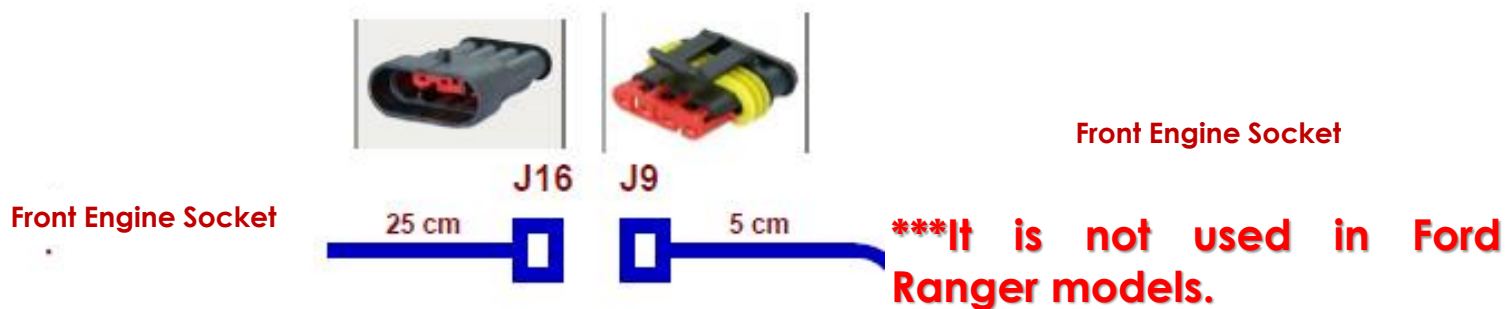
- Speed information connection.( **Optional** ) – J2
- ( + 12 V ) Step open signal connection ( **Optional** )- J3



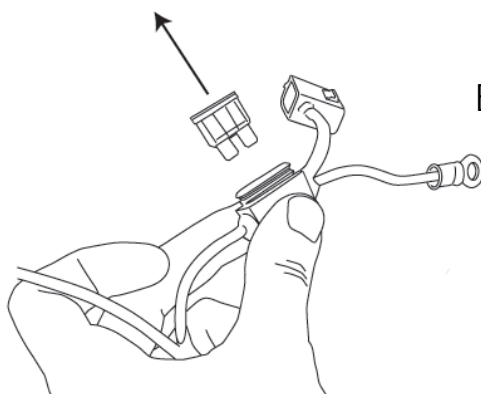
Rear Door Switch Connection



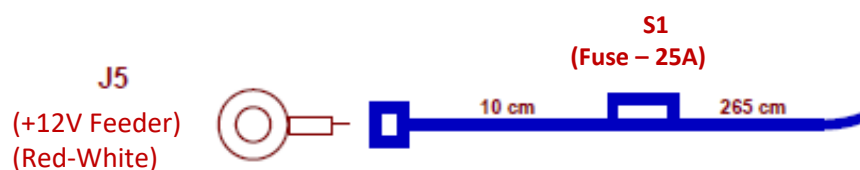
FrontDoor Switch Connection



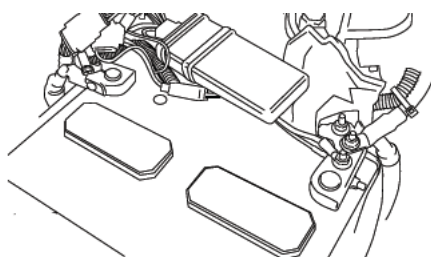




Before starting installation, the fuse on the wiring is removed. !!!! (1)



\*\*\*\* !!! S1 fuse on the wiring



Connect the plus ( + ) end of the wiring to the plus ( + ) end of the battery. (2)

Connect the minus ( - ) end of the wiring to the chassis of the vehicle.

\*\*\*\* !!! Tip J4 on the installation.

Left side v\_Board installation, wiring and control unit connection is made on the driver side, in the area shown in the picture.

**Note:** The area with the original sockets on the left side of the pedals. (3)



\*\*\*\* !!! Before connecting the control unit, remove fuse S2 on the wiring.



The (+) end of the installation is pulled from the section shown in the picture ( the lower part of the steering wheel of the vehicle) to the battery section on the front of the vehicle ( it must be passed through the rubber stopper). (4)





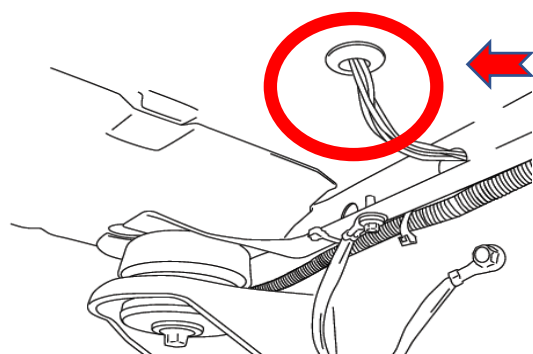
The battery connection of the **(+)** end of the wiring is made as shown in the picture.

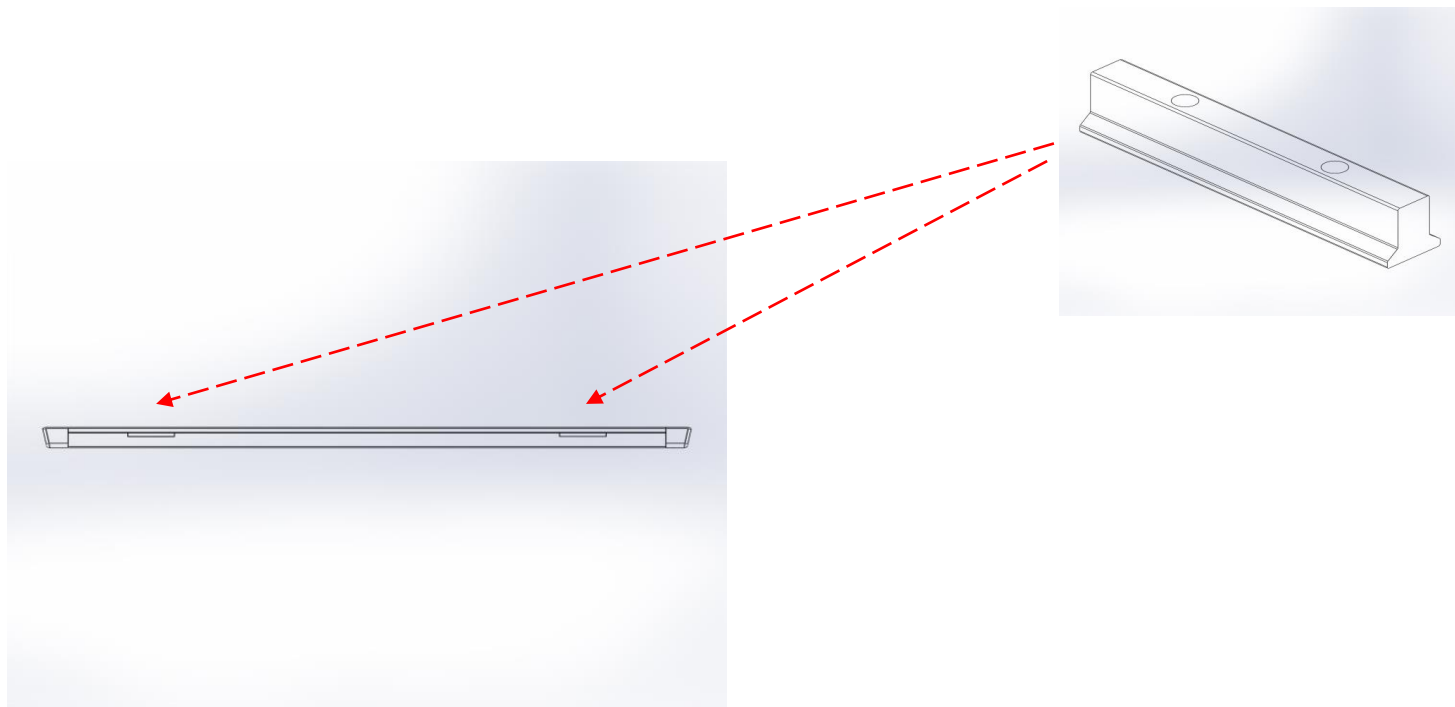
5



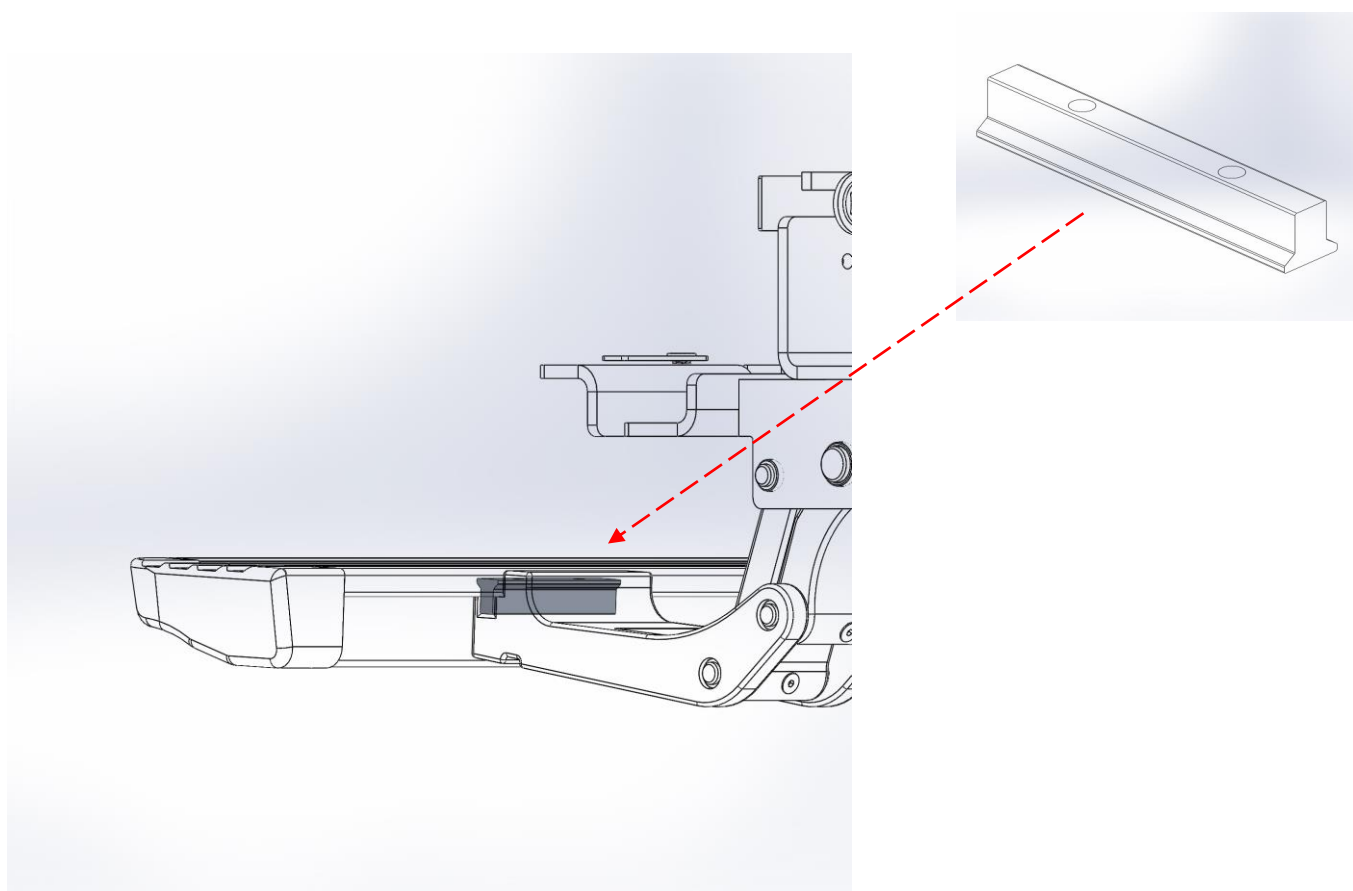
From the original hole of the vehicle located under the driver's mat, the engine and LED ends of the left v\_Board wiring are extended to the bottom of the vehicle as shown in the picture.

6





In the installation of carriers on the board, the board profile connection parts are movable in the board channel. By sliding the carrier foot to the installation section, the board is assembled together with the carrier foot.

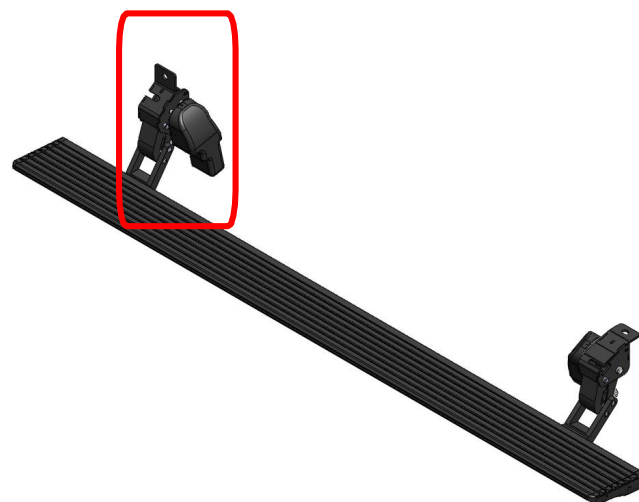




The vehicle's original chassis hole is used for the front carrier foot connection.

①

**Note:** M10 AA=13mm bolts are used on the vehicle in assembly processes.

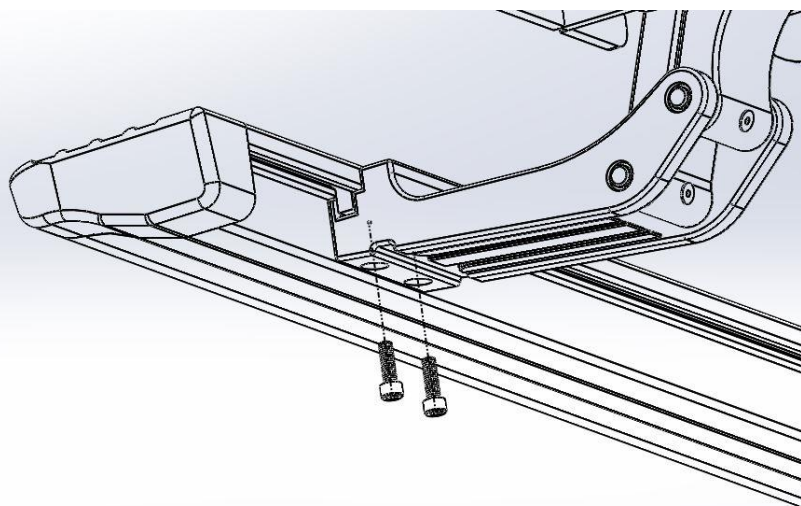


The vehicle's original chassis hole is used for the carrier foot connection.

2

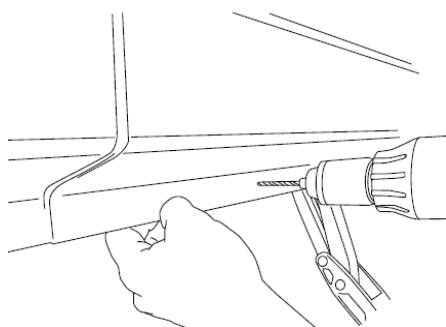
**Note:** M10 AA=13mm bolts are used on the vehicle in assembly processes.



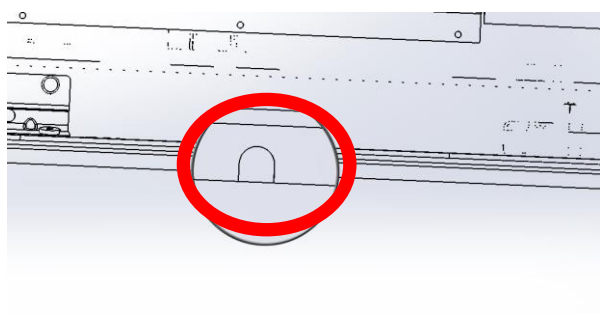


As shown in the figure, the board is placed on the carrier foots and installed with M6 x 20 hex socket head bolt from the bottom side.

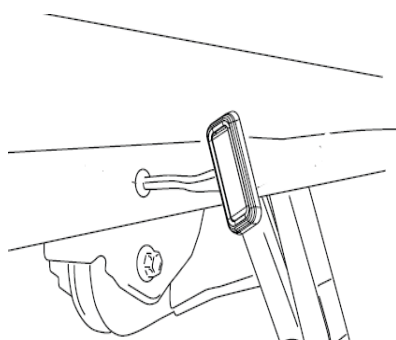
3



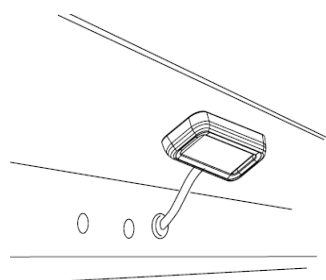
For LED installation, a Ø10 mm hole is drilled with a drill near the connection point of the carrier. ①



For the passage of the LED cable, the hole drilled by a Ø10 mm drill is cut as shown in the figure with the help of an air saw. ②



LED cables are passed through the drilled hole. ③



LED cable connections are made. LED assembly is completed. ④



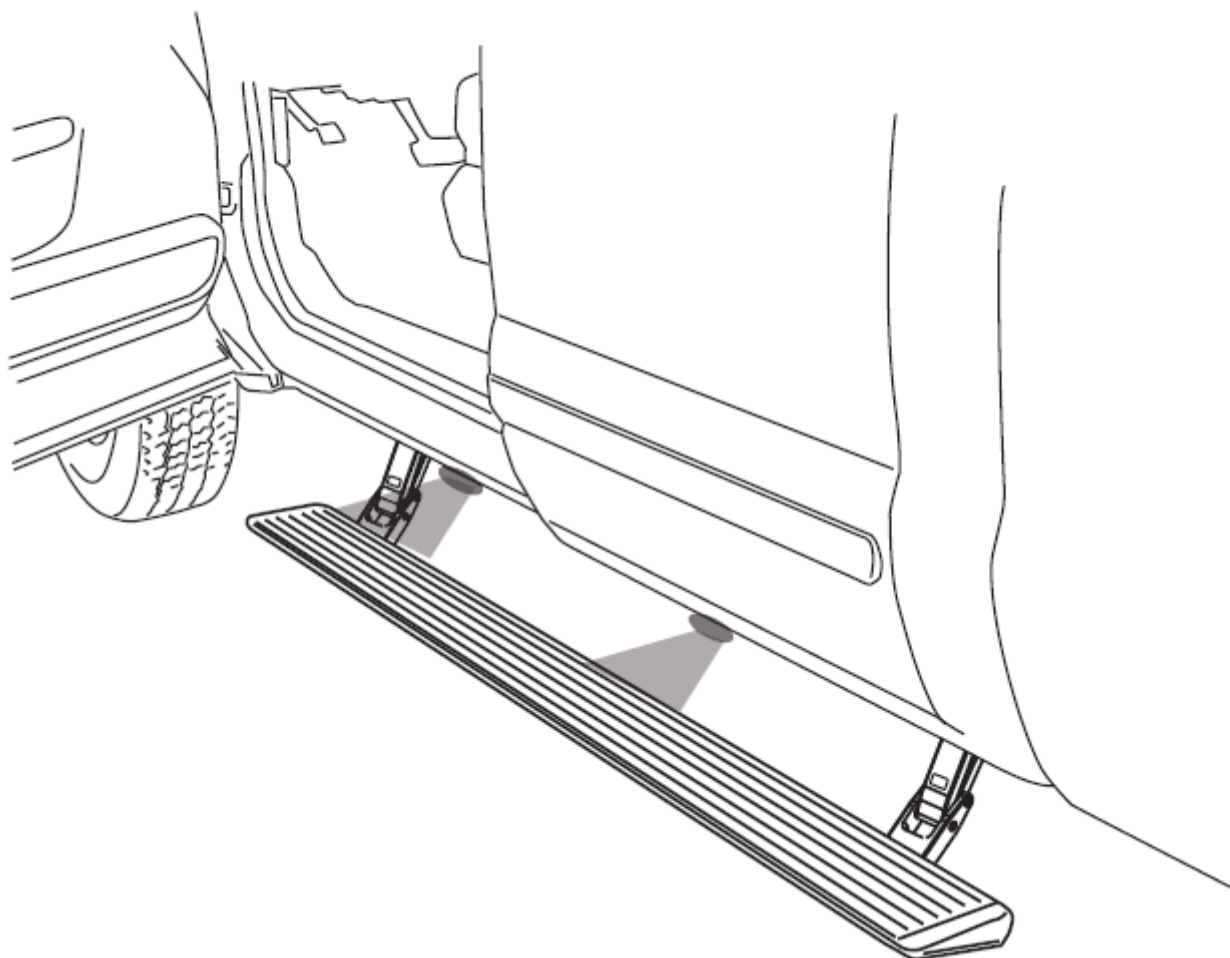


When starting installation, replace the fuse that we have removed from the installation. After replacing the fuse, check the operation of the v-board. (5)

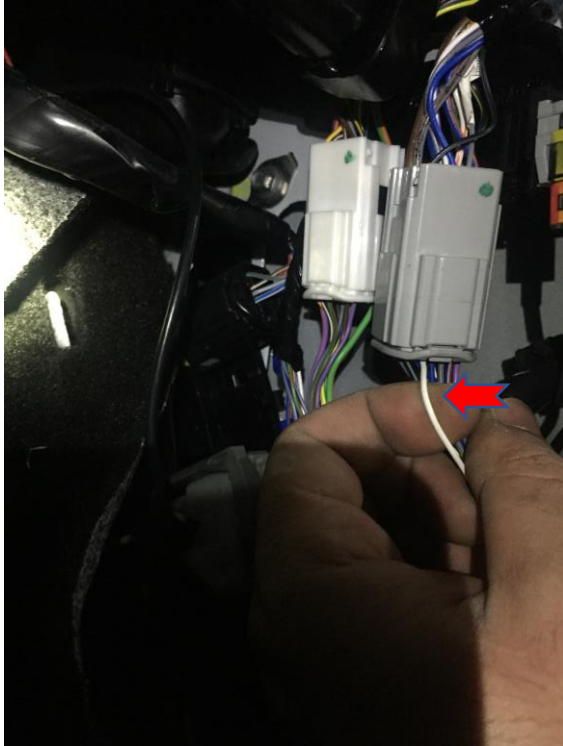
\*\*\*\* !!! Replace fuse **S1**

\*\*\*\* !!! Make sure that the fuses S1 and S2 are installed in the correct place in the installation.

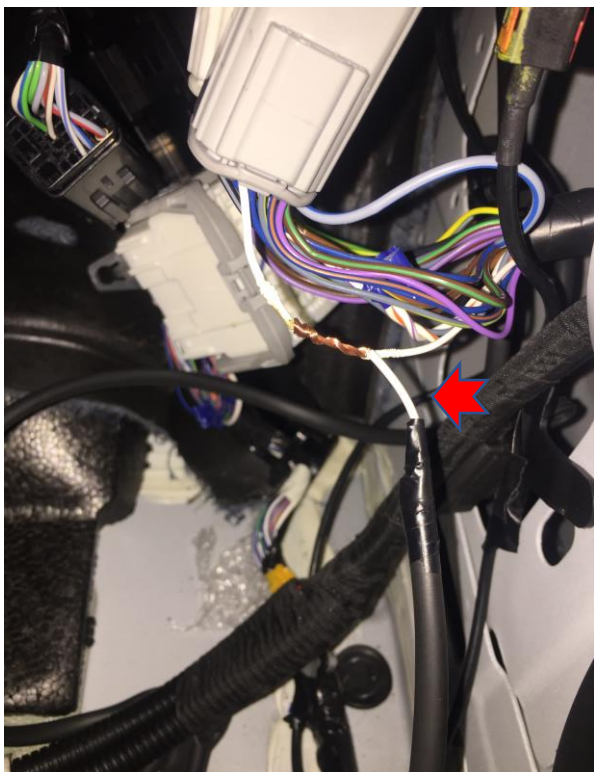
Check the operation of the v – board, opening and closing. Check that the LED light is lit when the door is opened.



Electrical connections for On & Off position information of right front door.



The plastic cover under the right front torpedo, where the vehicle's original signal sockets were located, is removed.



The white cable in the v\_Broard wiring is connected to the white cable in the original wiring of the vehicle as shown in the picture.

Electrical connections for On & Off position information of **right rear door**.



The plastic cover , on the center pole on the right side, where the vehicle's original signal sockets are located, is removed.

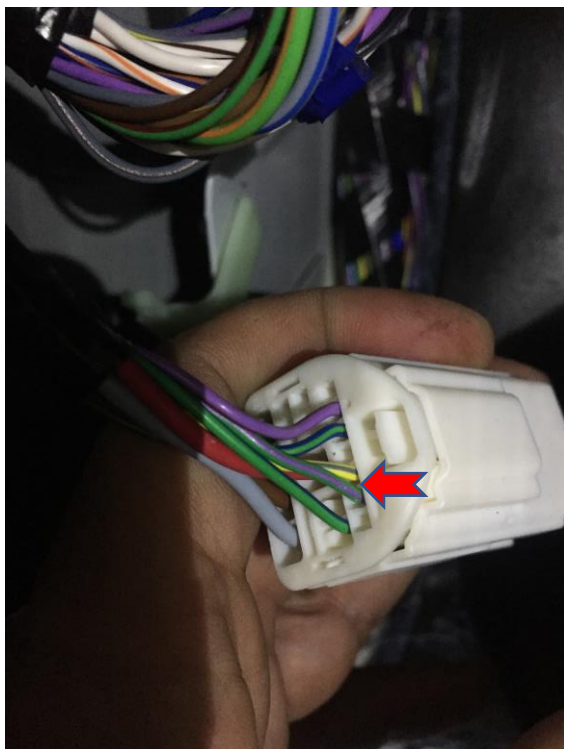
.



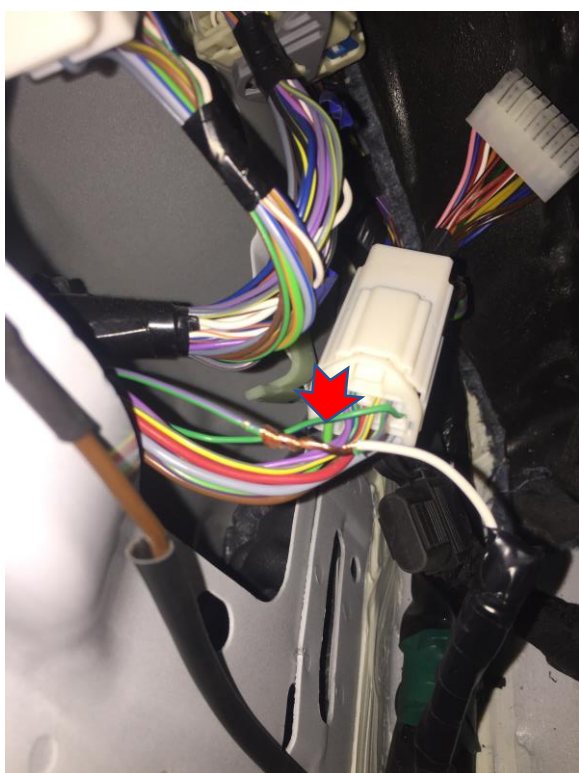
The **orange cable** in the v\_Broad wiring connects to the **yellow cable** in the original wiring of the vehicle as shown in the picture.



Electrical connections for On & Off position information of right front door.

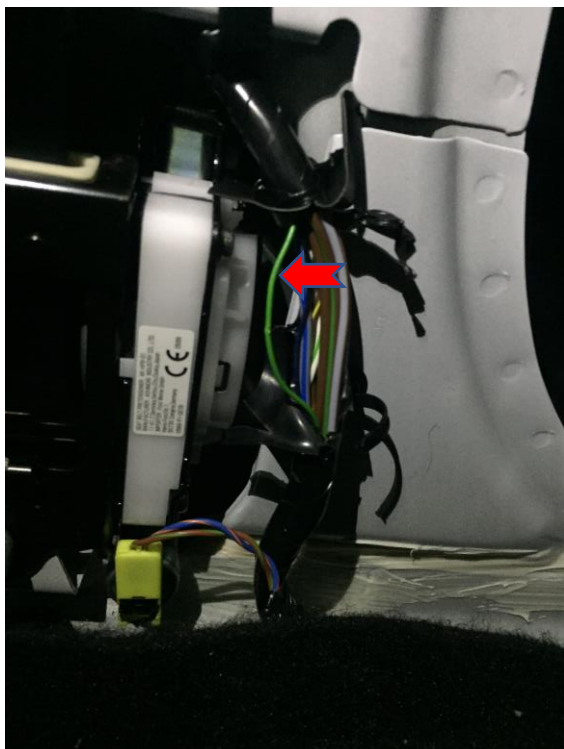


The plastic cover under the right front torpeda, where the vehicle's original signal sockets were located, is removed.

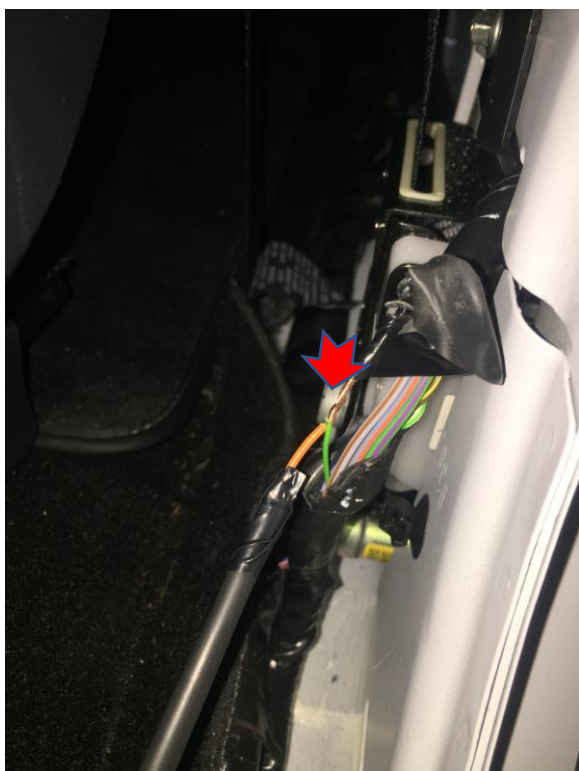


The white cable in the v\_Broard wiring is connected to the white cable in the original wiring of the vehicle as shown in the picture.

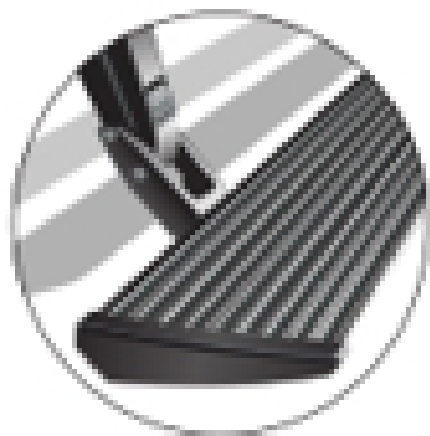
Electrical connections for On & Off position information of left rear door.



On the center pole on the left side , the plastic cover with the vehicle's original signal sockets is removed.



The orange cable in the v\_Broad wiring connects to the green cable in the original wiring of the vehicle as shown in the picture.



### **V- board Opening**

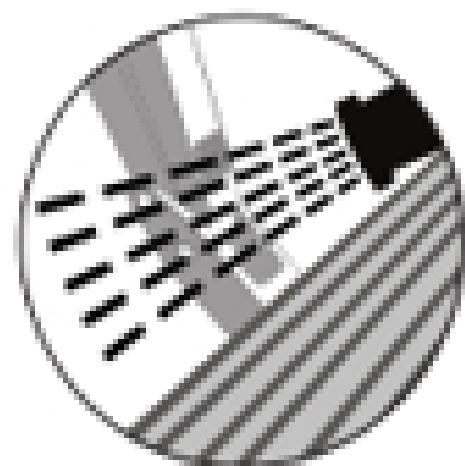
When the doors are opened, the V - board will automatically open down and out.

### **V- board Closing**

When the doors are closed, the V-board will automatically return to the closed position.

### **V-Board Automatic Stop**

The V – Board will stop automatically when it encounters an object or obstruction during the opening. Open or close the door so that the V - board can continue normal operation.



### **Maintenance**

In adverse conditions, noise may occur due to the compression of parts such as chips, mud, dirt and dust into the V-board. In this case, direct spraying should not be applied to the engines. Set the V - boards manually. After washing, apply silicone spray lubricant to hinges and pins. Do not apply silicone or preservatives to the working V-Board surface.

**Attention!** Keep your hands and feet away while the V - board is on the move.



## **WARRANTY**

The warranty written on the v-Board “Veldo Warranty Certificate” is valid for 2 years from the start date. Veldo Warranty Certificate is given to the customer , during product delivery . Our customers are required to present this document in order to make use of the warranty process. To make free use of warranty transactions; the customer shall notify the customer of the failure in writing to Veldo Teknoloji Makine Üretim Sanayi Ticaret A.Ş authorized dealer or service or Veldo Teknoloji Makine Üretim Sanayi Ticaret A.Ş. Veldo Teknoloji Makine Üretim Sanayi Ticaret A.Ş cannot be held responsible for any failures that are not notified in writing. The customer accepts the damage caused by the failure. The warranty period for the product that was changed during the warranty period is limited to the remaining warranty period for the product that was purchased. Veldo Teknoloji Makine Üretim Sanayi Ticaret A.Ş authorized dealer / service or Veldo Teknoloji Makine Üretim Sanayi Ticaret A.Ş report will be able to repair the failure if it is determined that it is not possible, a free replacement will be made. After delivery of the product to customer, incorrect handling (impact, drop, impact), improper and inadequate care misuse use, use of the product in extremely humid, dusty or hot environments or use of the product in corrosive, corrosive environments, accident, shock, electricity (voltage changes), failures caused by natural disasters, as a result of (wearing) normal use and the nature of the material, malfunctions caused by insects or animals causing damage to the product or the cables of the product are not considered under warranty.

## **WARNING**

Ensure that the product is installed by following the instructions given when installing it. Failure to do so could potentially endanger the occupants of the vehicle. After installing or re-installing, check again to make sure the product is working properly.