

# LAZER

H I G H P E R F O R M A N C E L I G H T I N G



## **VOLVO V90 / S90 (2016+)** **BUMPER BEAM MOUNTING KIT** (FOR LINEAR-18)

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**FITTING INSTRUCTIONS**

## TECHNICAL SUPPORT

Email: [sales@lazerlamps.com](mailto:sales@lazerlamps.com)  
Phone: +44 (0)1992 677374

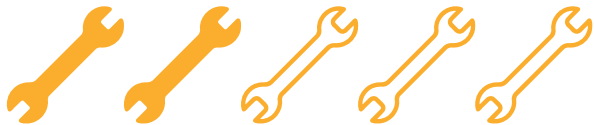
## WHAT'S INCLUDED

- 2x Linear Side Bracket Kit
- M6 Fasteners

## ALSO REQUIRED

- 1x Linear-18 (Standard, Elite or Elite with i-LBA)
- 1x One-Lamp Harness

## DIFFICULTY LEVEL



## TOOLS REQUIRED



PLASTIC TRIM  
TOOL SET



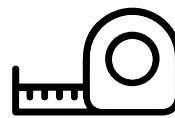
WIRE  
CUTTERS



WIRE STRIPPERS  
AND RATCHET CRIMPERS



TORX 25  
SCREWDRIVER



TAPE MEASURE



SOCKET SET



ALLEN KEY  
SET



DRILL BIT  
SWITCH - 20MM  
INSTALL - 6.5MM



CABLE TIES



## PRE-INSTALLATION CHECKS

Ensure battery is disconnected.

## INSTALLATION



### STEP 1

Remove the x8 push rivets which hold in place the x3 plastic covers.



### STEP 2

Remove the x9 T25 torx screws from the top of the bumper.



### STEP 3

Undo the x6 Torx 25 screws inside the front wheel arch.

Peel back the liner to access the x2 8mm bolts at the top of the bumper.

Repeat for both sides.



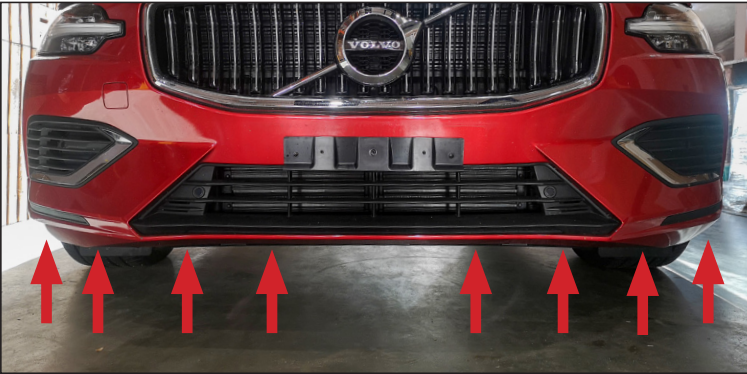
### STEP 4

Undo the x2 8mm bolts at the top of the bumper.

Repeat for both sides.



**INSTALLATION CONTINUED.**



**STEP 5**

Locate and remove the x8 Silver Torx 25 screws from under the front bumper.



**STEP 6**

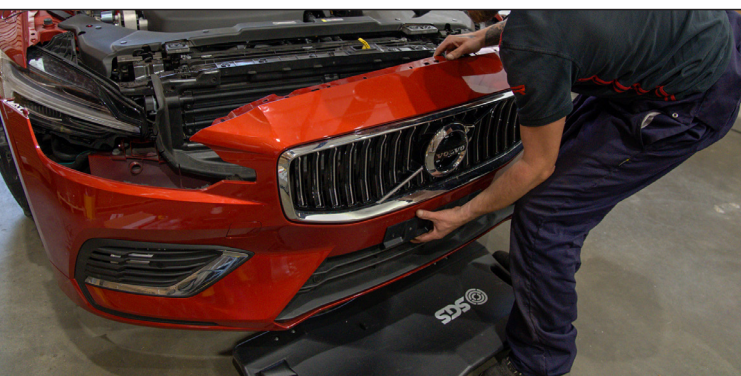
Gently pull the edges of the bumper down to release the bumper sides.

Repeat for both sides.



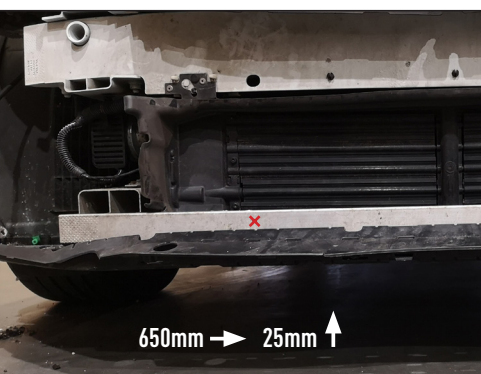
**STEP 7**

Disconnect the headlight washer hoses, have a bucket ready to drain any fluid.



**STEP 8**

The bumper can now be removed and placed on a protective surface.



**STEP 9**

Measure out 650mm from the end of the lower aluminum bar 650mm across and 25mm from the bottom up.

Use a 6mm drill bit to drill through the bar.

Repeat both sides.

**INSTALLATION CONTINUED.**



**STEP 10**

Mount both the Linear side brackets to each other as shown.

Then mount the Linear side brackets to the Linear-18 as shown.



**STEP 11**

Bolt the lamp to the impact bar as shown.



**STEP 12**

Ensure the Linear-18 is working correctly before re-assembling the vehicle.

(Wiring Instructions on the next page)

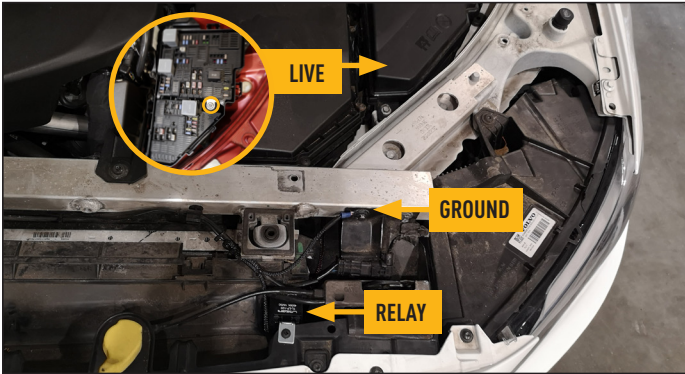


**WIRING INFORMATION**

**LAZER WIRING KIT**

Mount the relay and connect the live and earth connections.

Tidy-up all wiring using cable ties.



**WIRING WITH SWITCH**

Run the switch cable through the factory grommet.

Drill a 20mm hole and install the switch.



**WIRING WITH SPLICE**

The purple high beam trigger can be fed through the bulkhead grommet, located under the inspection panel as shown.

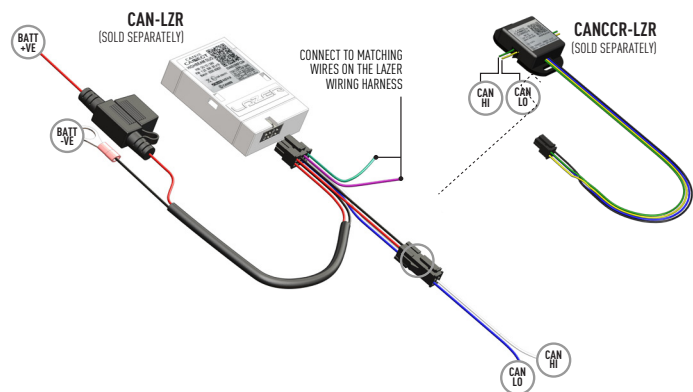
**Please test the wires for a 12V signal beforehand.**

**CAN INFORMATION - FOR 2019+ VEHICLES ONLY**

All vehicles with factory LED headlights will require a Canbus Interface to give a 12V output when the high beam is activated on the vehicle. **V90 models from 2016-2018 are not compatible as they run on LinBus, not CanBus. For 2016-2018 models, the lamp can be controlled via the included switch.**

The CAN wiring is located at the CEM (Body Control Module), in the Black/Green wiring connector, behind the dash pocket at the lower driver's side dash area.

**CAN HI - GREY / BROWN**  
**CAN LO - YELLOW / PURPLE**





**LAZER**  
HIGH PERFORMANCE LIGHTING

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