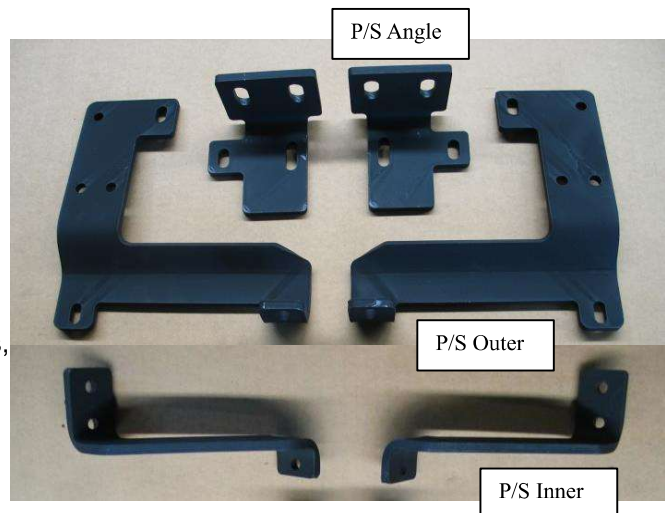


**PLEASE READ THESE INSTRUCTIONS BEFORE INSTALLING THIS PRODUCT**

**KIT CONTENTS:**

1 x Steel Passenger Side Outer Bracket  
1 x Steel Passenger Side Inner Bracket  
1 x Steel Passenger Side Angle  
Brackets 1 x Steel Drivers Side Outer  
Bracket  
1 x Steel Drivers Side Inner Bracket  
1 x Steel Drivers Side Angle  
Brackets

10 x M8 x 1.25 x 30mm bolts, spring washers,  
flat washers  
4 x M8 heavy duty flat washers & nuts  
4 x M10 x 1.5 x 35mm bolts  
8 x M10 HD 22OD X 3mm flat washers  
4 x M10 x 1.5 nuts  
4 x M10 heavy duty spring washers  
450mm Double Sided Tape  
4 x M12 Serrated Flange Nuts

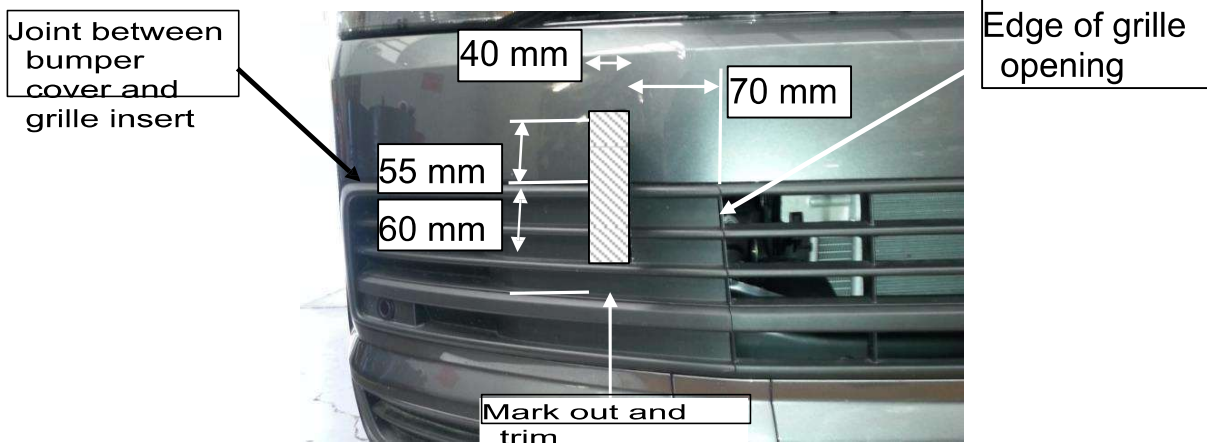


**FITTING INSTRUCTIONS:**

1. Park the vehicle on a level surface.
2. Tape up the vehicle to avoid damage.
3. Remove the bumper cover by removing 4 scrivenets from the top of the bumper cover located in the engine bay, 2 scrivenets and 4 screws from wheel arches and 10 screws from under the bumper cover.
4. If sensors are fitted unplug harness.

**Bumper Cover Trim:**

5. Mark out and trim the grille as per measurements and photo below.  
Repeat for the passenger side.



## For Vehicles with Front Parking Sensors.

6. Unplug harness from back of sensors and remove the sensors.

**IMPORTANT:** Each sensor is different so ensure to mark the sensor location with the position they were removed from for reinstallation.

Unclip wiring harness from bumper and re-route through recess behind horizontal grille and attach with cable ties. Ensure at least 150mm of wiring loom protrudes through the grille for the front center sensors. (refer to photo). For the outer sensor, pass at least 150mm of wiring loom through the existing sensor holes. (refer to photo).



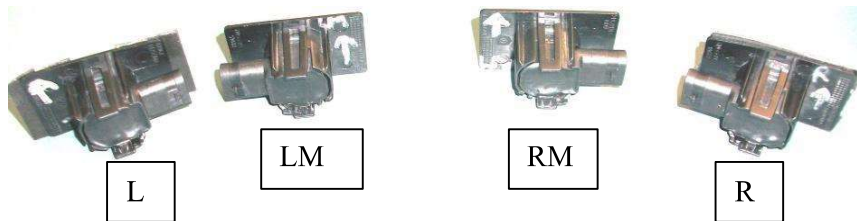
### **IMPORTANT**



Each sensor is different.

Mark sensor **location** on each sensor for reinstallation.

Marked L (left), LM (Left Middle), RM (Right Middle) and R (Right)



7. Remove any remaining double sided tape off the housings and apply fresh tape as shown.



**Note:** Remove Heyco plugs from Bullbar, retain 2 and fit into the two centre holes in the vehicle bumper where sensors have been removed.

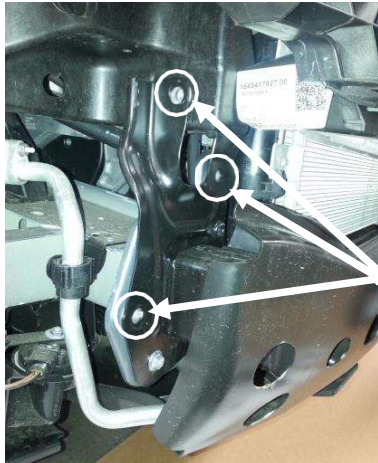
8. Using thinners or similar, thoroughly clean Bullbar rear surface around sensor mounting position.

**Note:** on Powder coated version lightly sand first.

Carefully centre the sensor when attaching the housings, **firmly press** against the housing to adhere the double sided tape to the bar.

## **FITTING DRIVERS SIDE BRACKETS:**

09. Remove the three bolts as shown in the photo.

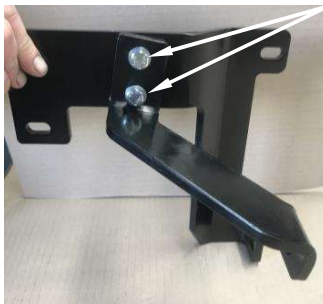


Remove these bolts

**NOTE:**  
*On some vehicles trimming of plastic is required. See Photo*



10. Loosely assemble driver's side inner and outer brackets using 2 x M8 x 30 bolts, spring washers, nuts and 4 x flat washers. See photo. Repeat for passenger side.

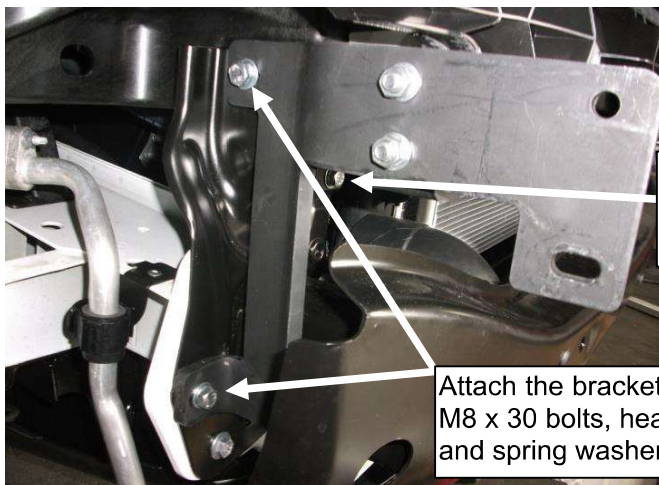


Loosely assemble

**NOTE:**  
*Brackets require movement to enable positioning to chassis.*

Assembled driver's side inner and outer brackets

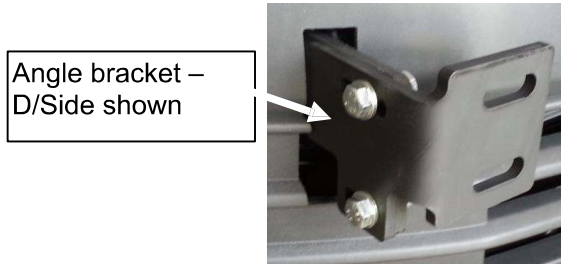
11. Attach the loosely assembled bracket to the vehicle using 2 x M8 x 30 bolts, heavy duty flat washers and spring washers on the outside of the bracket. Use 1 x M8 x 30 bolt, flat washer and spring washer on the inner bracket. Once alignment completed torque all bolts to 22 Nm. Repeat for the passenger side.



Attach using 1x M8 x 30 bolt, flat washer and spring washer

Attach the bracket as shown using 2 x M8 x 30 bolts, heavy duty flat washers and spring washers

12. Refit the bumper cover. (reverse of step 3 and step 4)
13. For vehicles with parking sensors avoid damaging the wiring harness as brackets pass through cut outs in bumper.
14. On the driver's side attach angle bracket on the outboard side of the outer bracket, with the slotted flange facing inboard towards the center of the vehicle. (see photo) Use 2 x M10 x 1.25 x 35 bolts, spring washers, nuts and 4 heavy duty flat washers, Torque to 44 Nm. Repeat for the passenger side.



**Note: On some vehicles it has been found that the passenger side angle bracket needs to be fitted in board of the outer bracket to get the bar central.**

15. Attach harness to parking sensors if fitted.
16. Offer the aerobumper up to the steel brackets and insert 4 x M12 bolts, (held in the alloy mount) through the slots in the angle bracket and secure with M12 Flange nuts. Check level and alignment. Tension to 77 Nm.
17. Remove tape from vehicle and fit number plate.
18. Check sensor operation.

