

FITTING INSTRUCTIONS

BEHIND GRILLE LIGHT

To suit Toyota Prado 250 Series
28" Light Bar

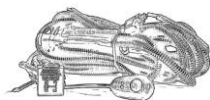


Approximate Fitting Time: 2 Hrs
NHBGT560LB

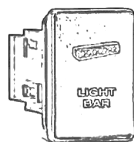
LIGHT BAR KIT INCLUDES:



1 x Bushranger 28" LED
Light Bar with mounting
brackets



300W Wire Harness



OEM Style Switch



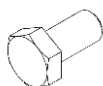
Installation Manual



1x RH Bracket



1x LH Bracket



2x M8x16 Hex Bolt



2x M8 Spring Washer

REQUIRED TOOLS:



Flat Blade
Screwdriver



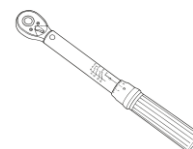
Open End Spanner
13mm



Sockets 13mm &
18mm



Ratched



Torque Wrench

NOTES

NOTES

- For the purpose of these fitting instructions, the left-hand side (LHS) and right-hand side (RHS) of the vehicle are from the view of sitting in the driver's seat looking forward.
- Please take the time to read the instructions thoroughly before proceeding with the fitment of this Night Hawk Behind Grille Light kit.
- Ensure all components, as listed above, are received prior to commencing the fitment. Please retain all hardware until fit-up is complete.
- All wiring should be completed by a qualified auto electrician. Bushranger bears no responsibility for any failure caused by the incorrect fitment of the driving light kit.
- Ensure these fitting instructions are passed onto the vehicle owner and/or operator.

WARNINGS

- Do not use this product for any other vehicle make or model, other than those specified for this application.
- Do not modify the driving lights, brackets and wiring contained within this kit.
- All installations of driving lights and light bars to the front of a vehicle result in an obstruction to the airflow passing through the radiator. Consider your driving needs/habits prior to installation.

BEFORE INSTALLATION

Please read these instructions carefully before installation, paying special attention to all "Warnings", "Cautions" & "Notes". Failure to do so may result in damage of parts and/or injury.

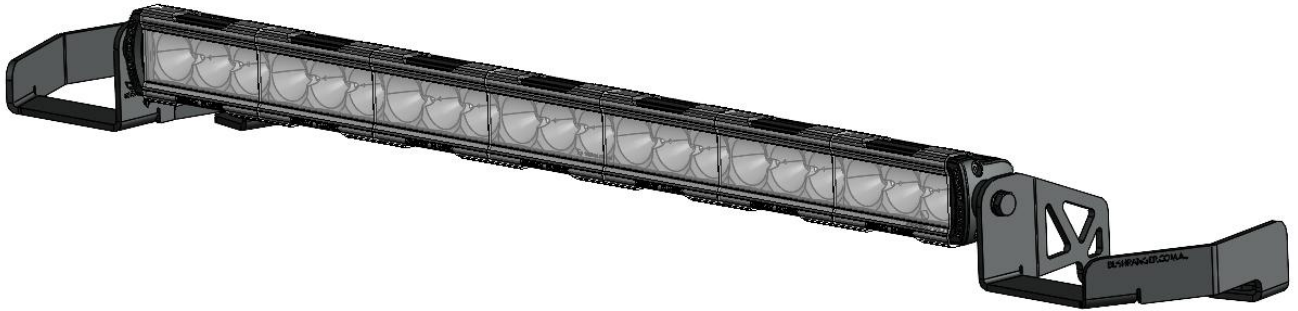
CAUTION

Torque specifications unless otherwise stated:

- 10Nm for M6 fasteners
- 15Nm for M8 fasteners
- 44Nm for M10 fasteners
- 77Nm for M12 fasteners

-Torque specifications specific to light fittings are available in the Night Hawk Manual provided with the lights.

-These torque specifications are specific to this procedure only.



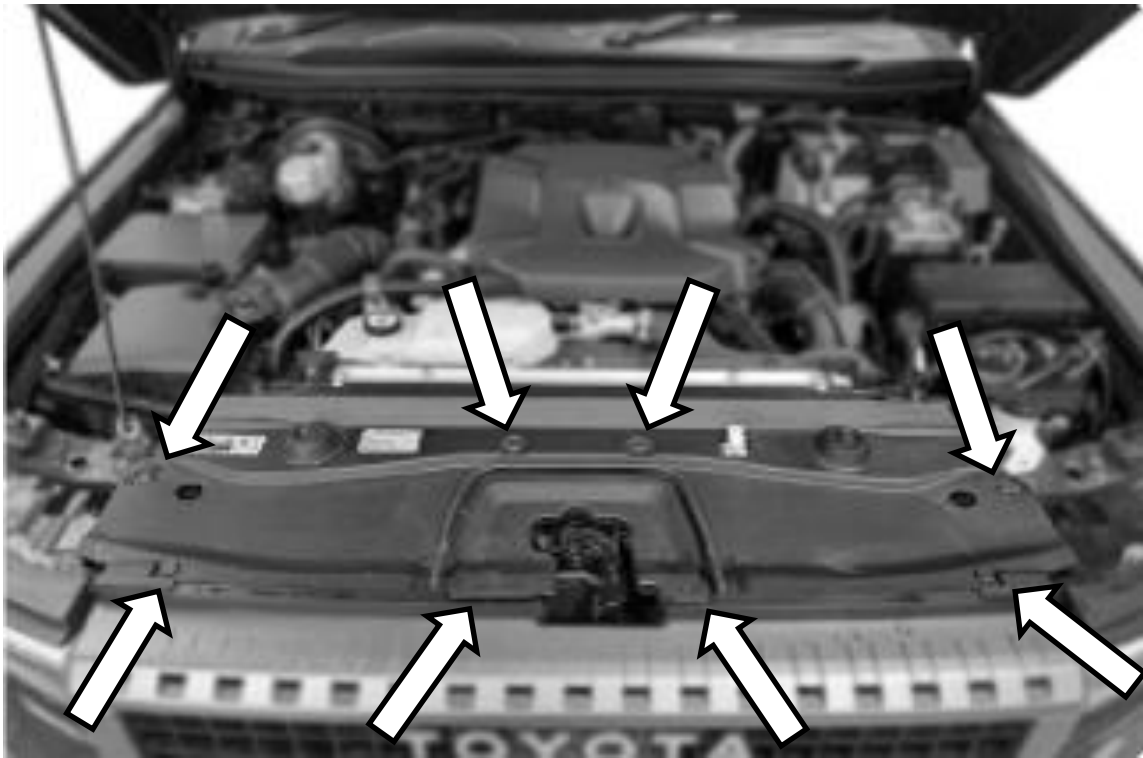
NHBGT560LB Behind Grille Light Bar Kit

Configuration of the main components once installed in the vehicle

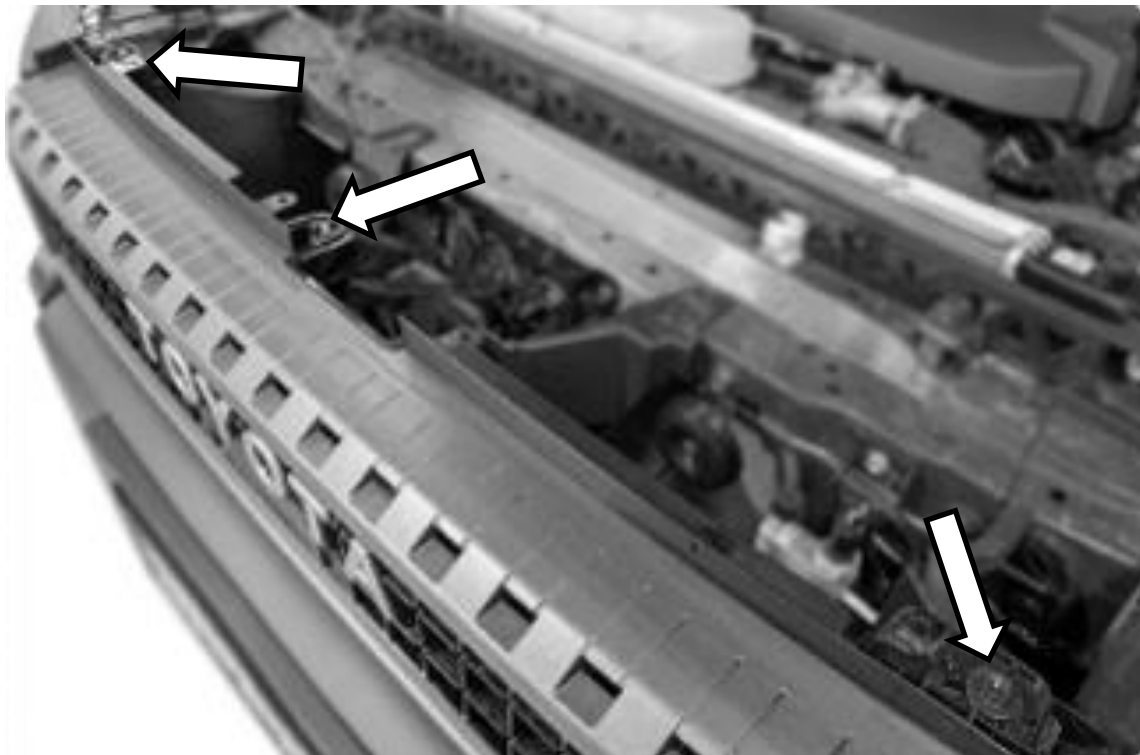
INSTALLATION PROCEDURE

Installation

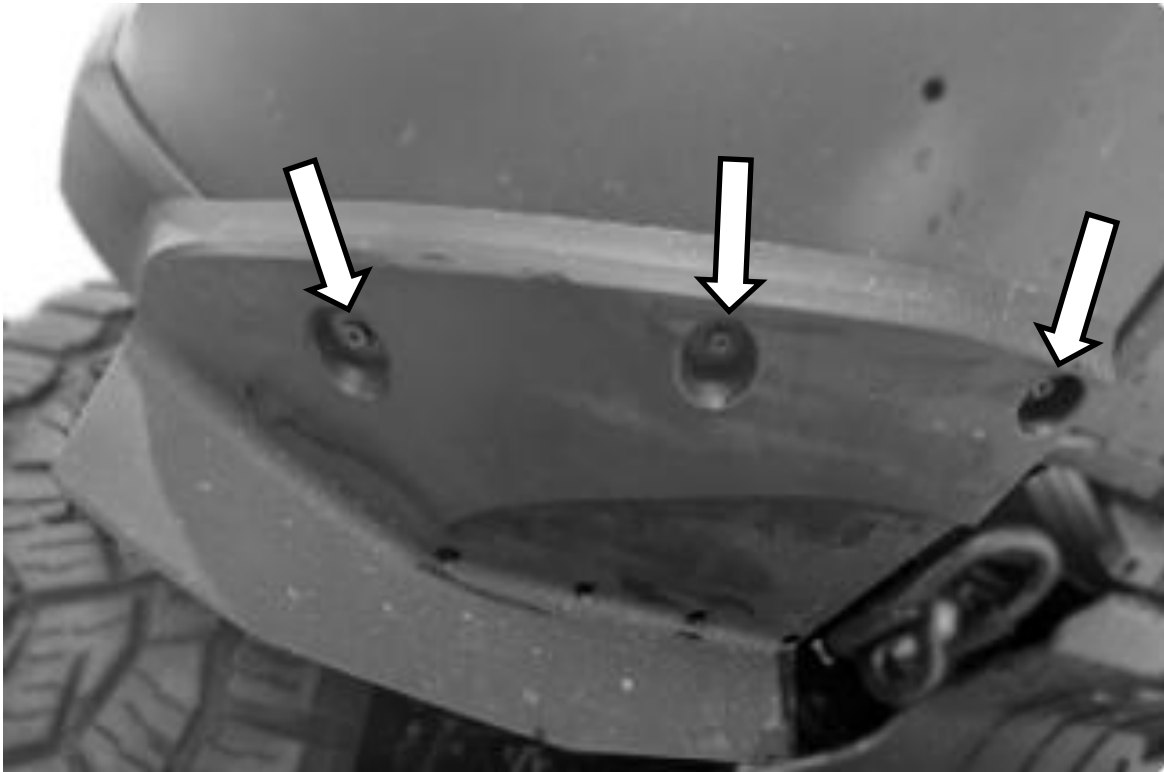
A. Remove the 8x plastic push clips from the plastic radiator access panel above the grille.



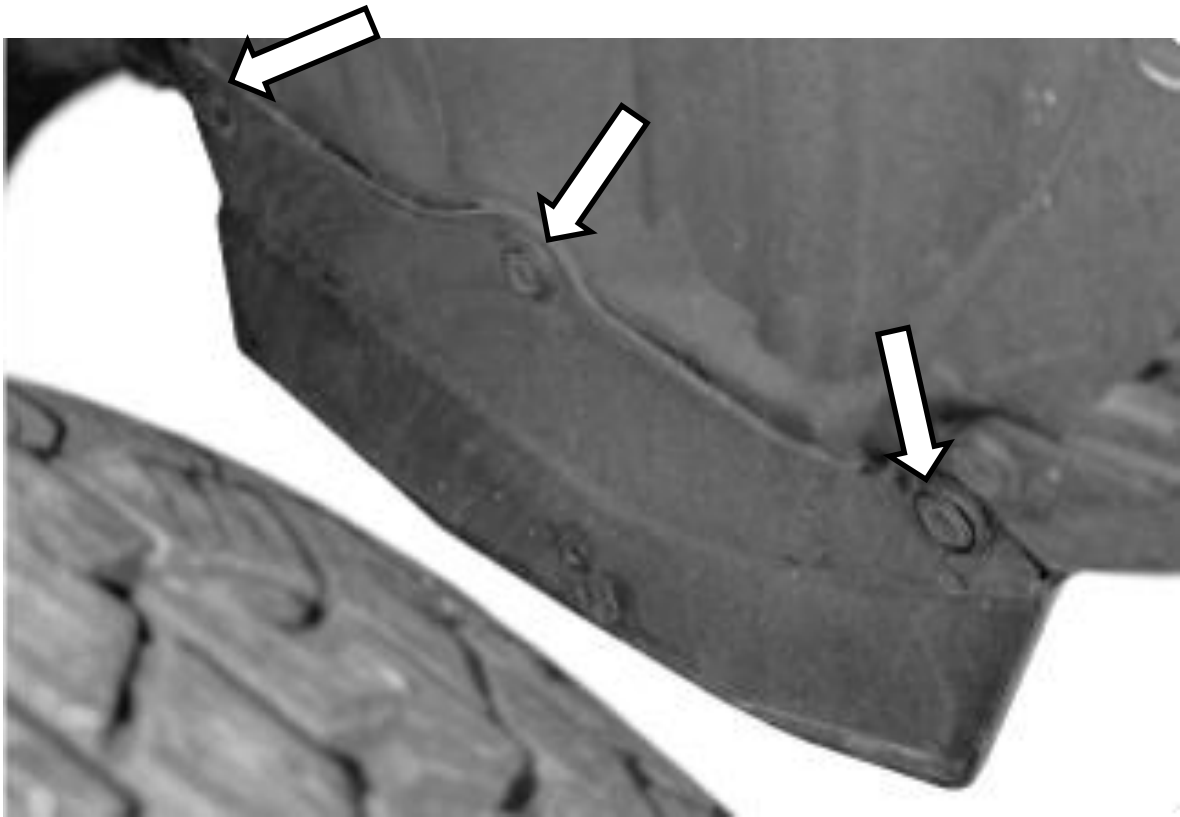
B. Remove the three bolts from the top of the grille where indicated below.



C. Remove the LH and RH side spoiler from the bumper by removing the three fasteners & three clips where indicated. There are six fasteners total per spoiler.

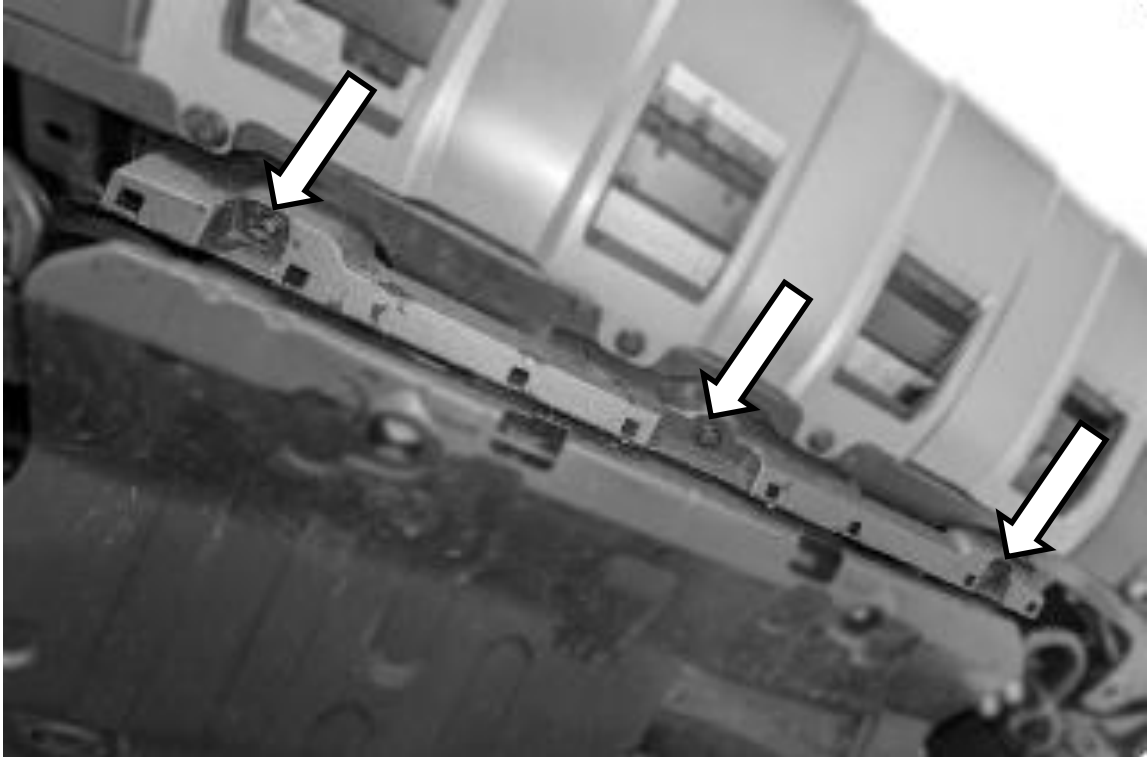


RH Side Shown

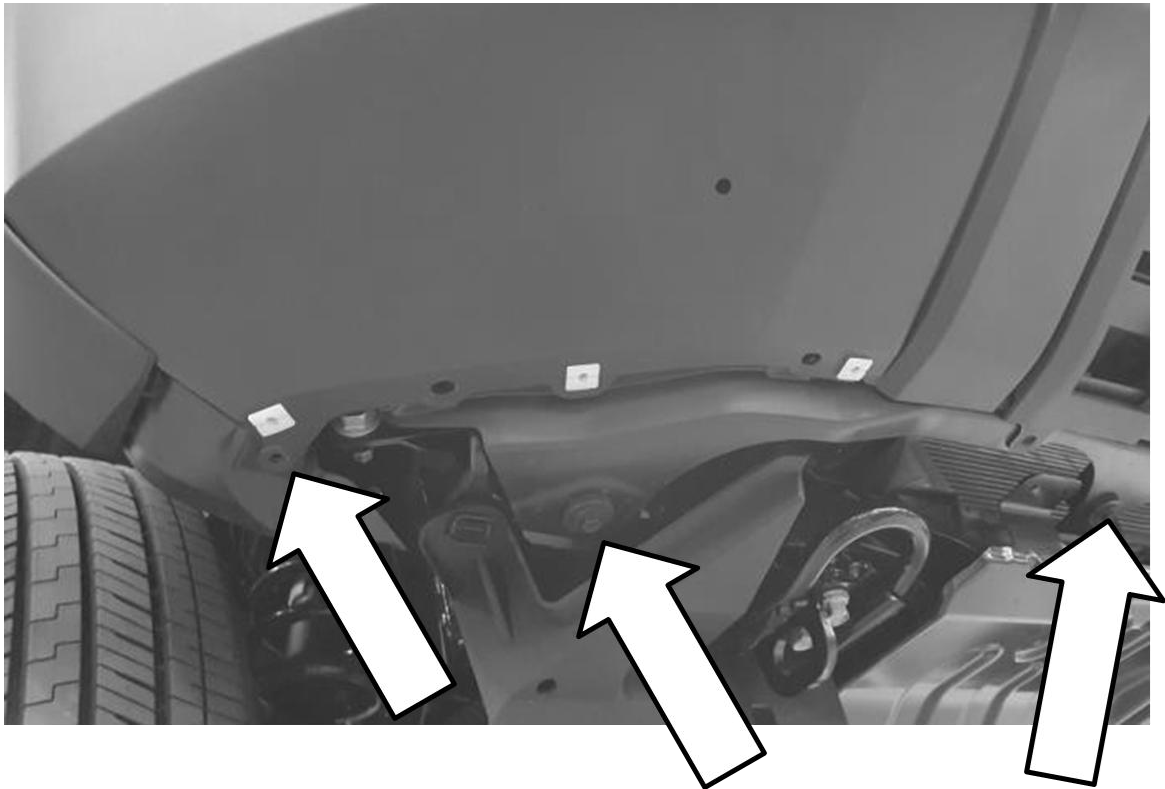


RH Side Shown

E. Remove the lower bumper apron by removing the two bolts & one clip shown in the image below.



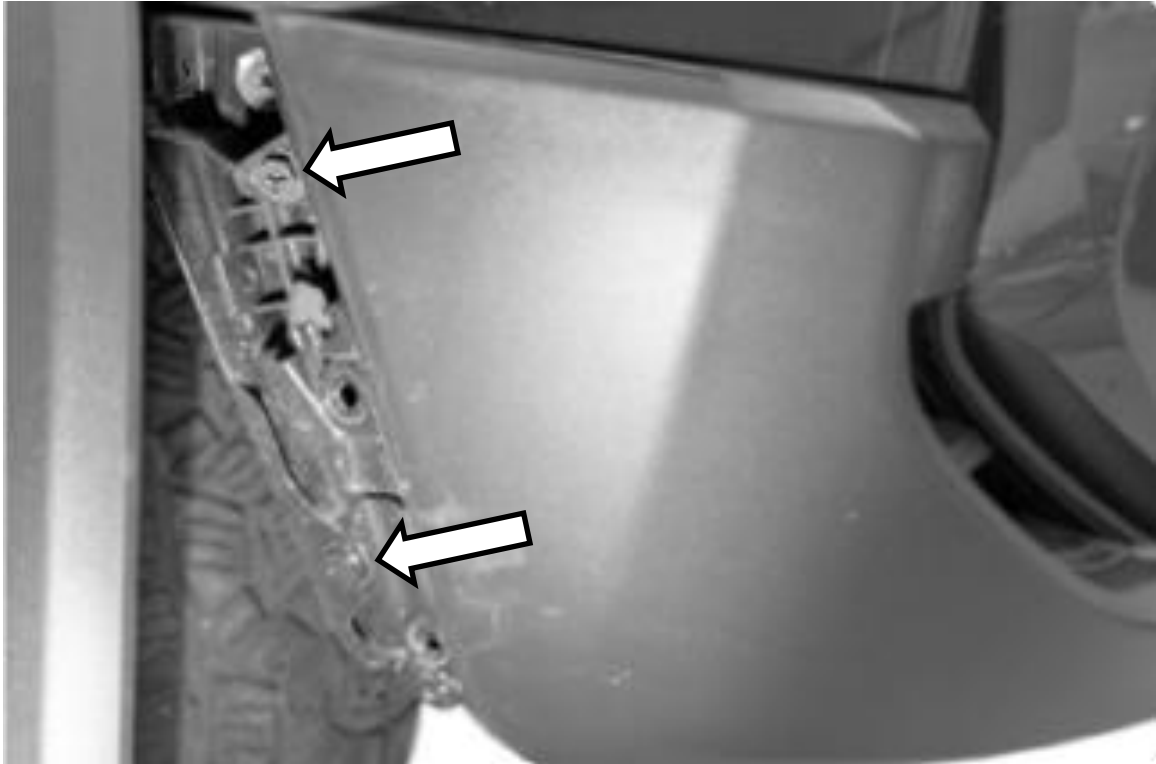
F. Remove the two bolts & one screw from the underside of the front bumper as indicated by the following image on both sides of the vehicle.



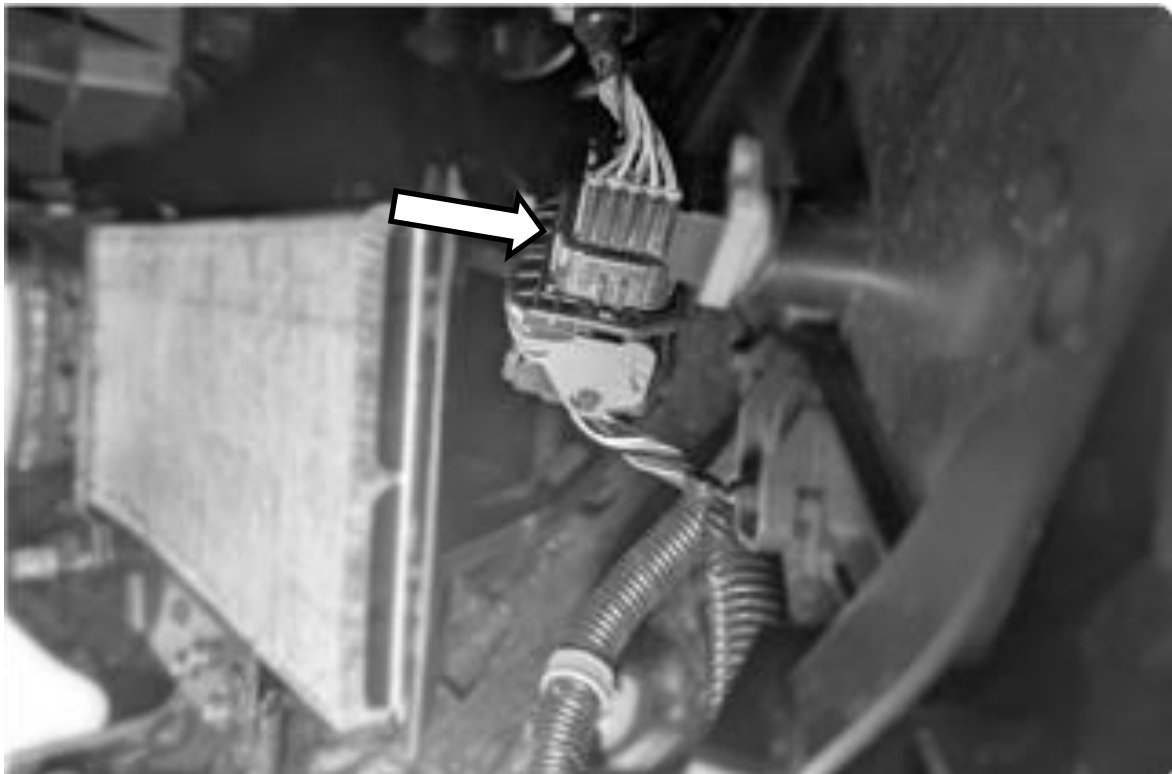
G. Remove one screw and four clips from the wheel arch as shown. Pop out pictured section of flare, listening for 3 audible pops. Repeat other side.



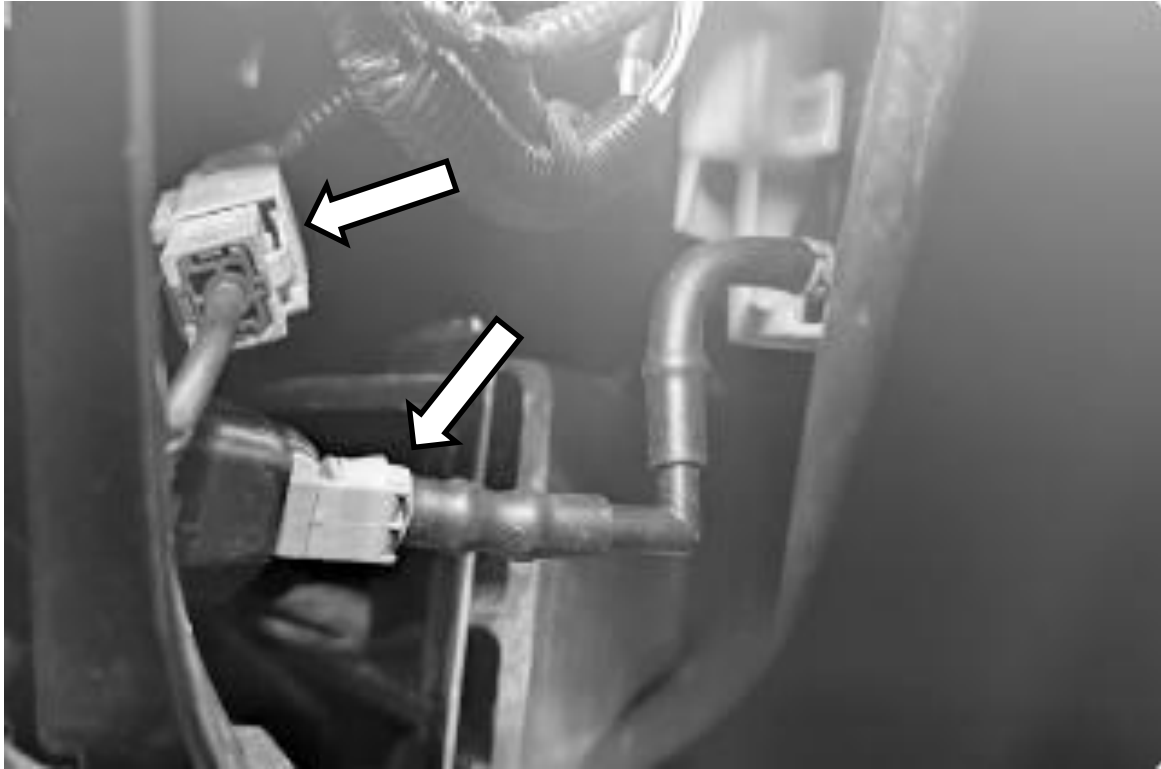
H. Remove the clip & screw from behind the wheel flare where shown on both sides of the bumper.



I. Pull back the driver's side wheel arch liner and disconnect the harness plug as shown.



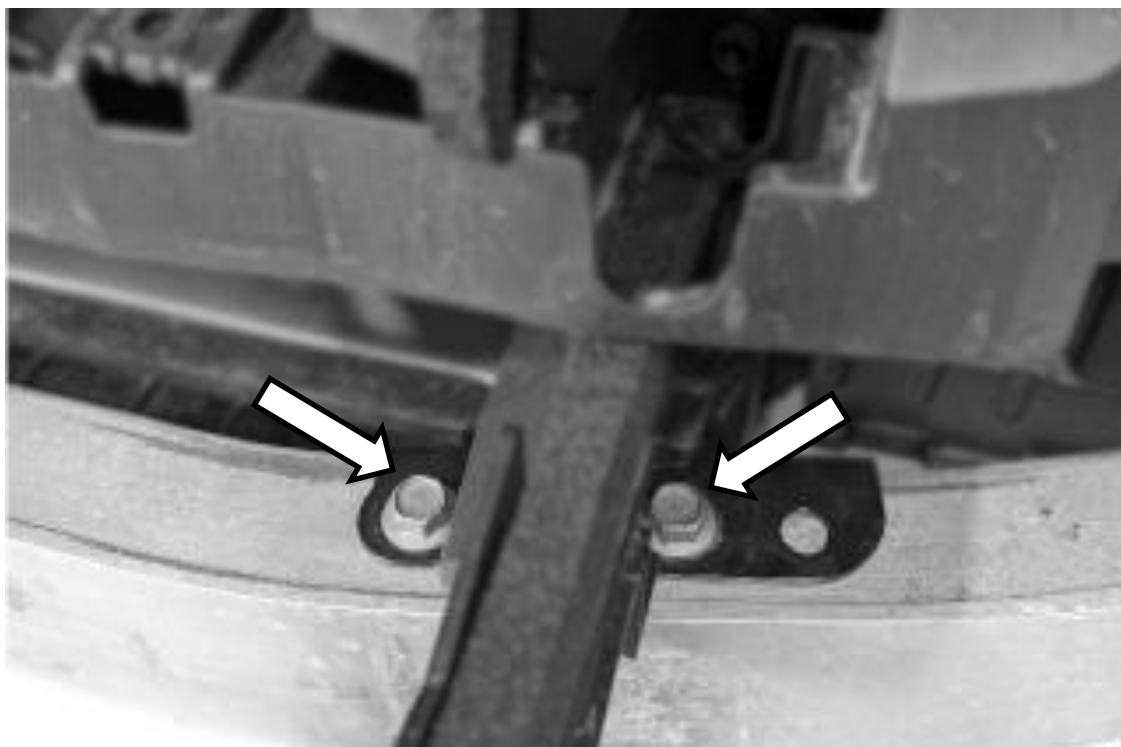
J. Pull back the passenger's side wheel arch liner & disconnect the cream-coloured harness plug and the washer hose shown.



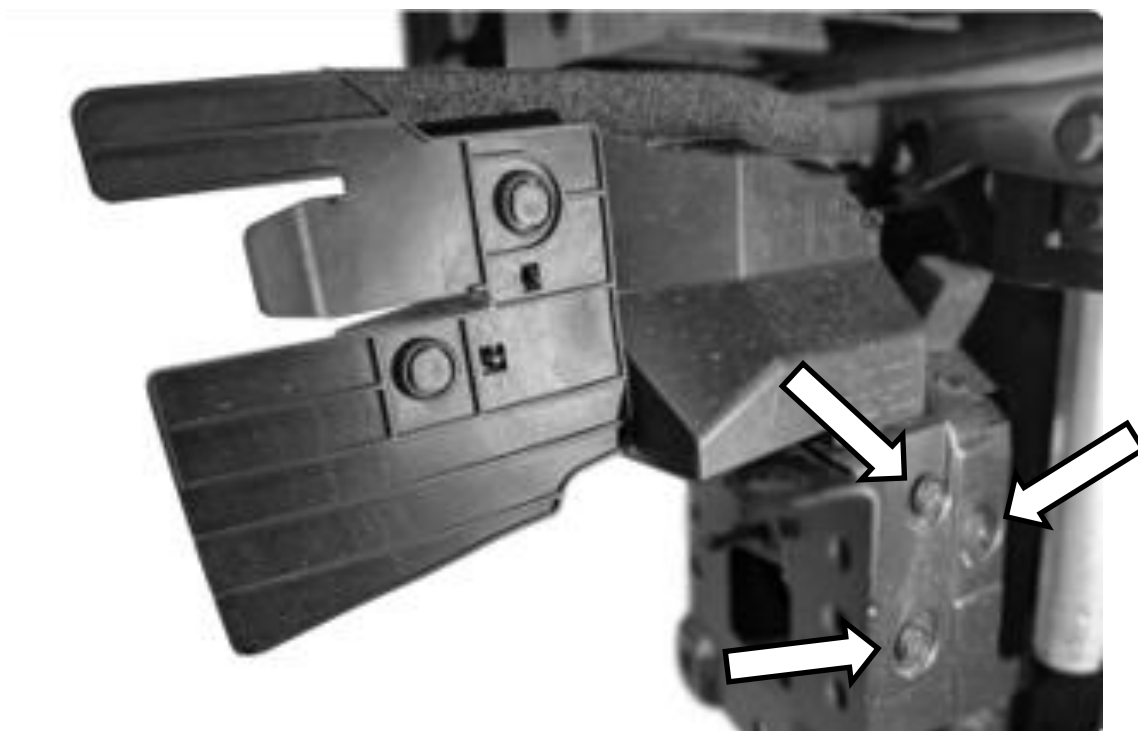
K. Remove the front bumper, popping the sides out first, before pulling the grille up and forward. Take care to avoid damaging the bumper, place down on a soft surface to avoid scratching.



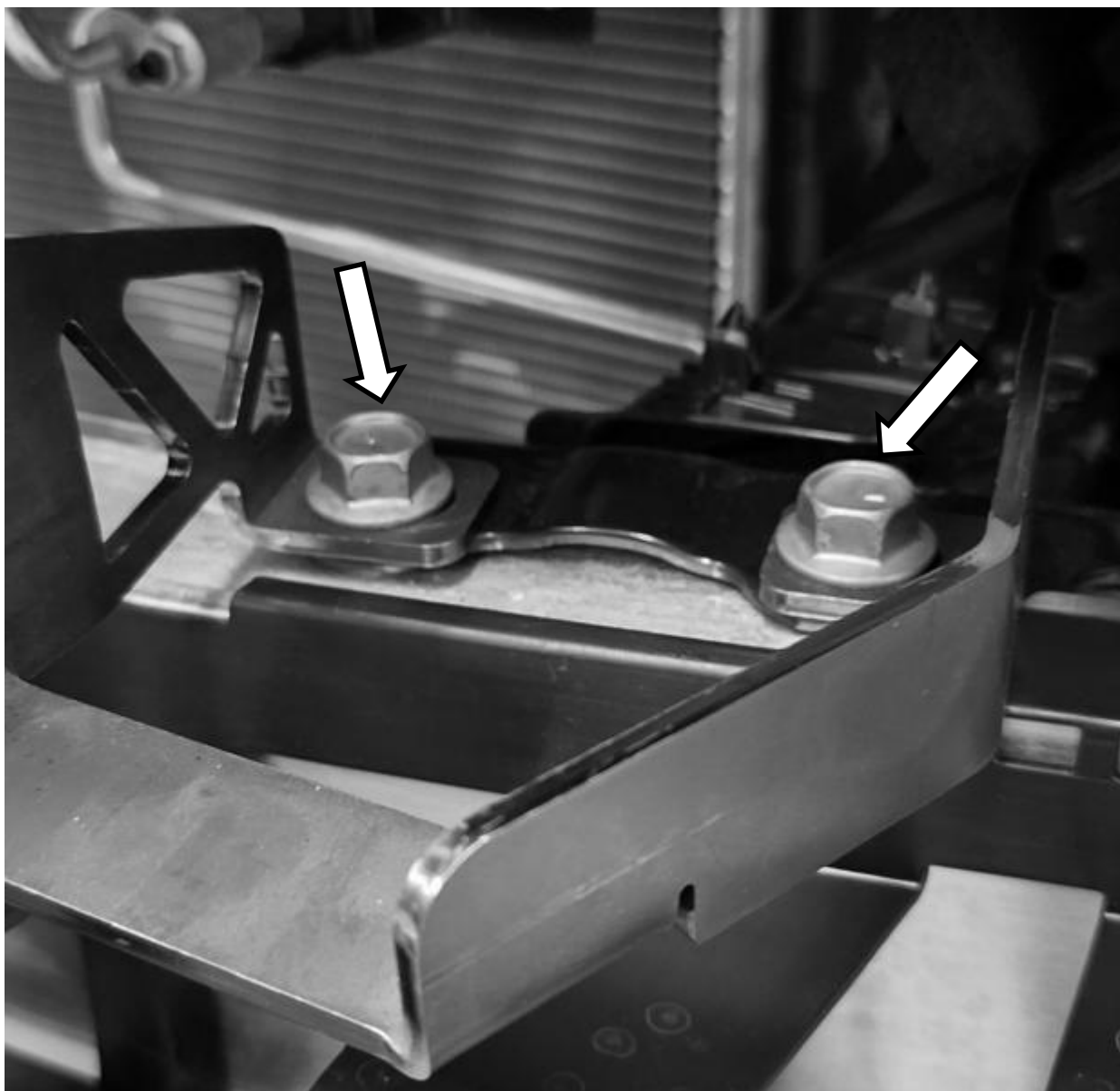
L. Remove two M12 fasteners indicated below on the LH side of the vehicle.



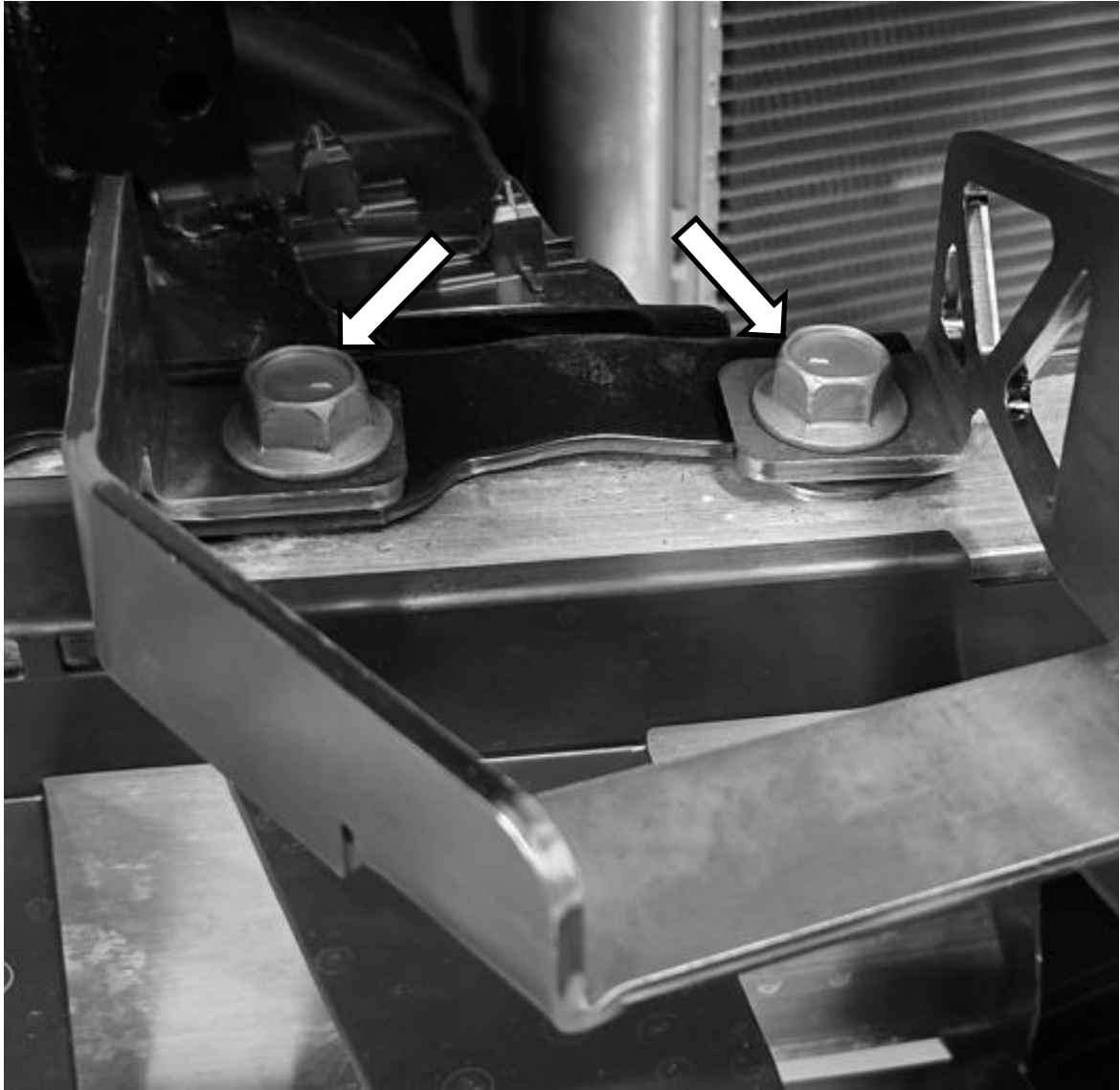
M. Remove the LH plastic air deflector.



N. Place the LH bracket over the two bolt holes on the LH side and use the two original M12 bolts to fasten the bracket to the top of the mount. Leave the two bolts slightly loose at this stage to allow for any adjustment later.



O. Repeat steps L, M & N for the RH side of the vehicle to fit the RH bracket.



P. Fit the lightbar between the two brackets and secure it using the two supplied M8x16 hex bolts & spring washers. Ensure that the face of the light bar is at 90 degrees to the floor.



Q. Finish tightening the four M12 bolts securing the brackets to the mounts & refit the two plastic air deflectors in the reverse order of the removal. Route/install the lightbars wiring as required.



R. Light bar installation is now complete!

Check Light installation and function

Ensure that all fasteners are tensioned as specified.

Ensure that all wiring is clear of any sharp edges, heat and other moving components to eliminate the possibility of damage during vehicle operation.

Check the vehicle's original lighting and signalling systems are still functioning correctly after the installation of the light bar kit.

Check the function of the light bar.

Adjust the light bar projection, angle up or down, and secure in place by tightening the fasteners on each side of the light bar.

Vehicle Reassembly

Reassemble the vehicle in the reverse sequence of the initial disassembly.