

## INEOS GRENADIER

### VISION X LIGHT MOUNTING 4.7 :

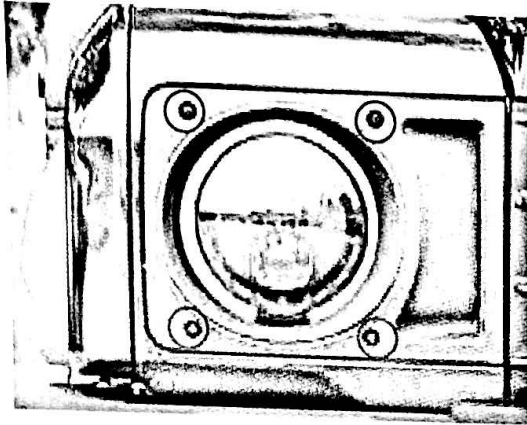
Included in the kit.

- 2 VisionX 4.7 lights
- 2 Anodized aluminum rim
- 2 stainless steel light supports
- 1 relay support
- Wiring and relays
- Screws and bolts
- Cutting template

Assembly carried out on an Ineos Grenadier 2023 ( Diesel )

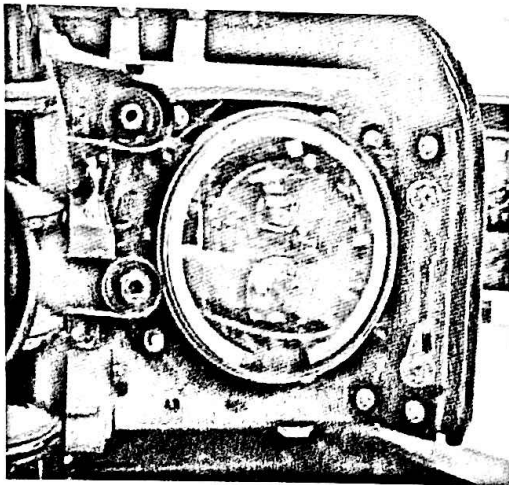


## 1 - Removal of headlights surroundings



Remove the 4 screws from the headlamp covers, and unclip the plastics by pulling outwards from the grille side.

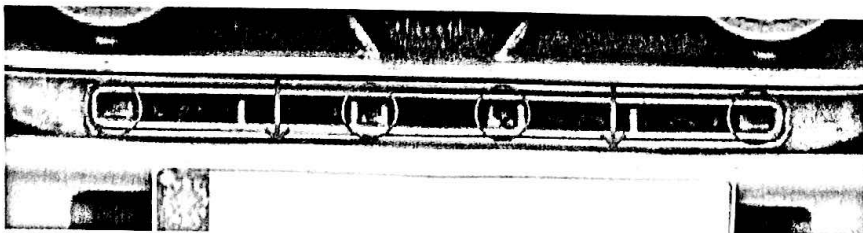
## 2 - Removal of the side covers



Remove the screws (4 on each side) from the 2 covers on the left and right of the front grille. Lift the part slightly from the bottom and pull it forward. The part is held in place by 2 clips on the top of the wing. Pulling towards you, the part should come with the clips.

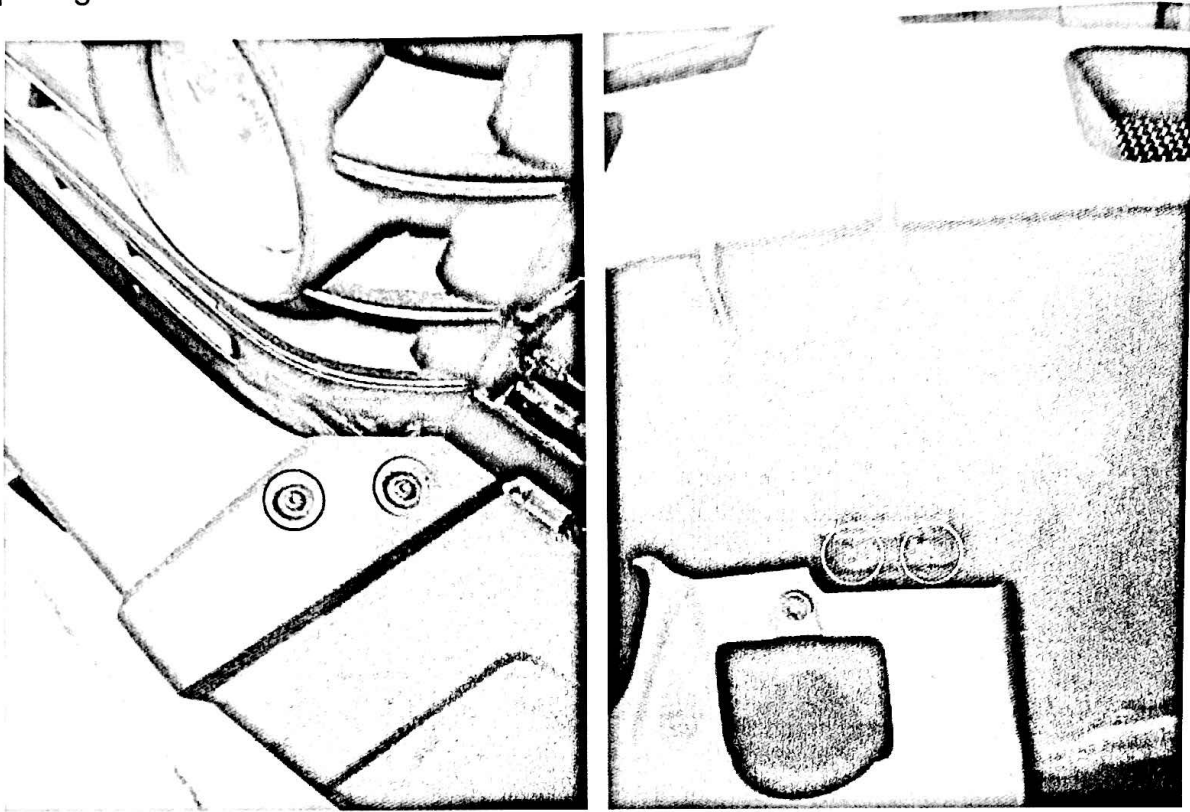
## 3 - Removing the front grille

3.1 : Remove the 2 screws at the bottom of the grille behind the bumper and the 4 screws in the grille moulding.

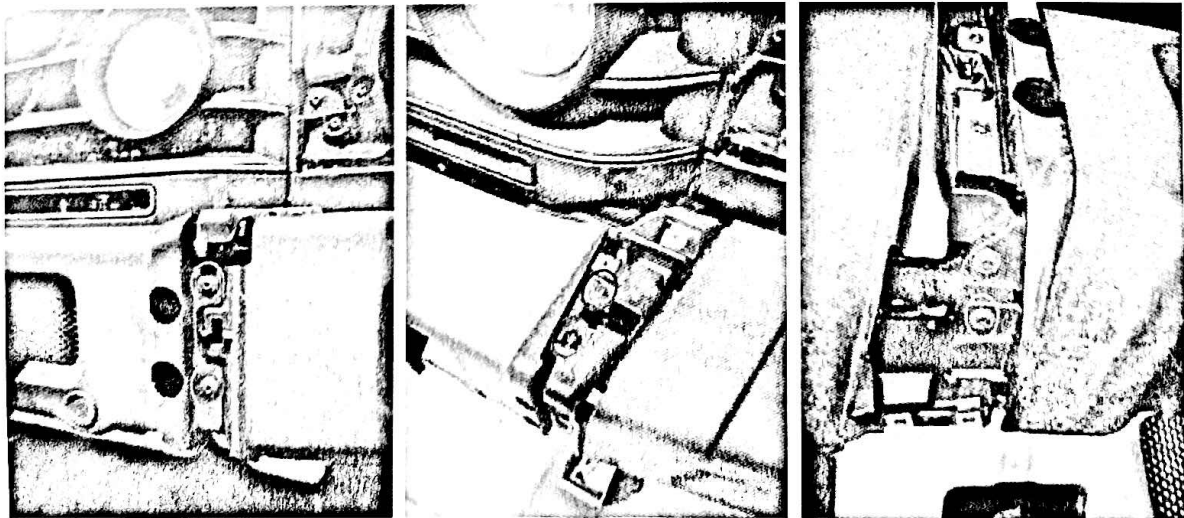


3.2 : Remove the 2 upper and 2 lower screws on each buffer, then unclip them by pulling forwards.

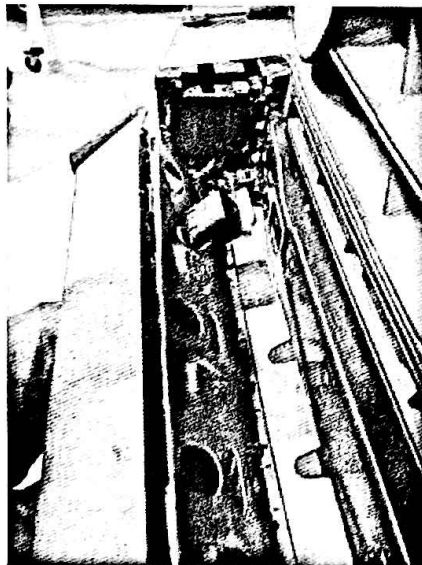
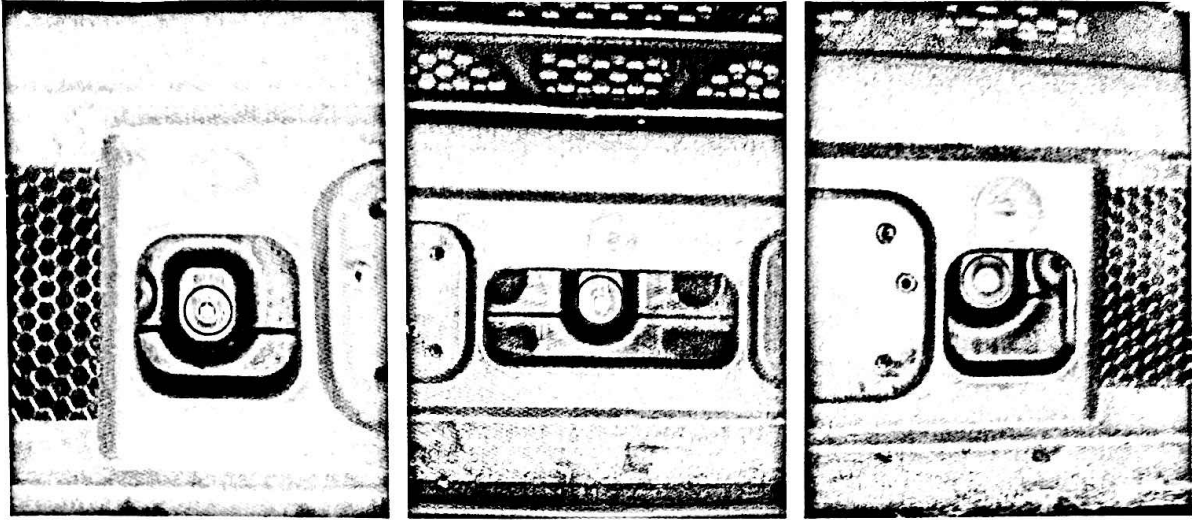
3.4 : Remove part of the



3.3 : Remove the 6 screws ( per side, 2 top, 2 front, 2 bottom )

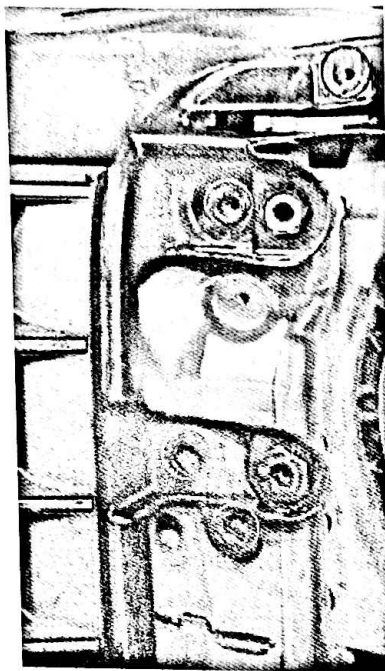


3.4 : Remove the plate holder, then remove the 3 central screws holding the central part of the bumper in place using an extension.



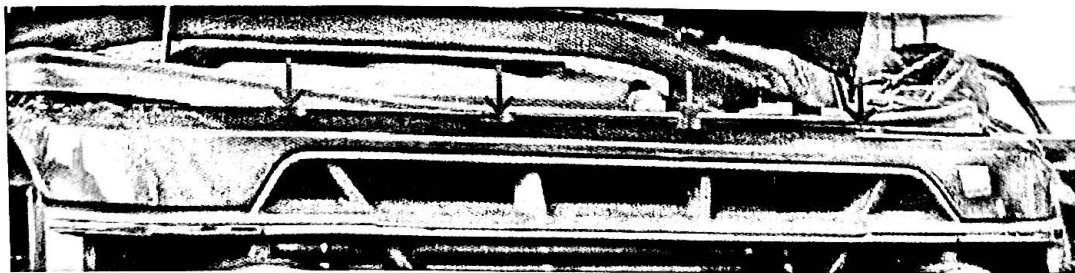
3.5: Remove the center section, tilting the shock absorber forward to gain access to the 2 screws holding the grille in place from below.

3.6 : Remove the 6 screws (3 left, 3 right) holding the grille on either side, and the top screw securing the grille to the wings.



3.7 : Unclip the hood gasket from the grille using a lever to remove the clips.

3.8 : Remove the 4 small plastic screws holding the grille top in place.



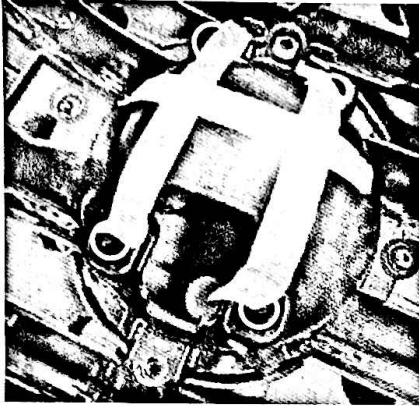
3.9 : Unplug the connectors and remove the grille.

## 4 : Removal of the stock High Beams

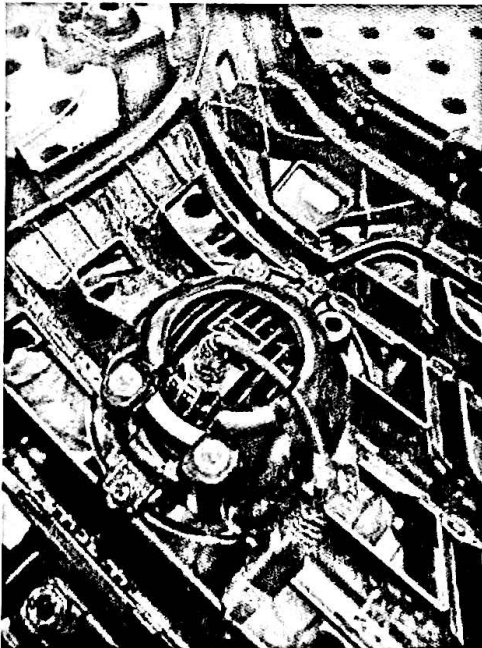
4.1 : Place the grille face down on a flat surface and remove the 8 screws (4 on each side) holding the frames of the stock high beams.

4.2 : Using a pair of pliers, press down on the 3 small rubber lugs holding the original high beams headlamp in place. Squeezing these lugs should release the headlight from its socket.

4.3 : Remove the rubber lugs from their housing.



Yellow : rubber lugs  
Red : Screws



### 4.4 : Cutting the rear end

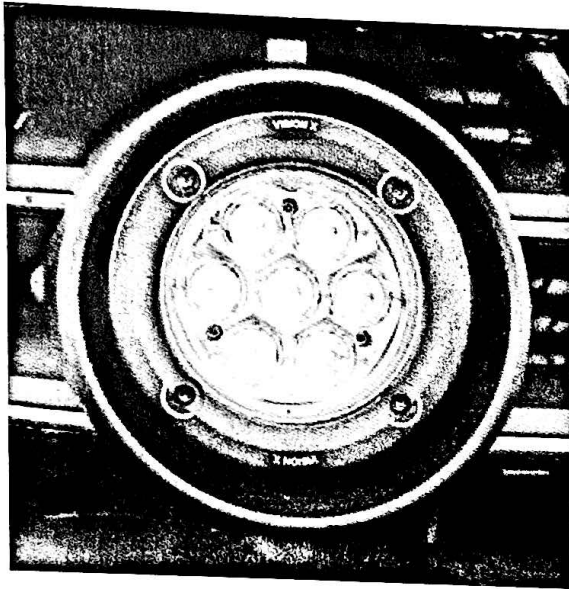
Cut out the rear of the headlight using a small pneumatic disc cutter or other plastic-cutting tool. Follow the template supplied. (80mm diameter circle to be centered on the bottom opening).

## 5 : Preping of the VisionX light

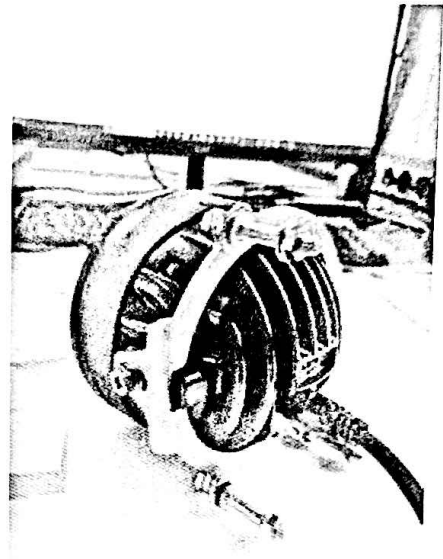
5.1 : Using an Allen wrench, remove the 4 screws holding the original 4.7 barrel rim. Replace it with the anodized aluminum ring. Be sure to use the original VisionX headlight gaskets and screws.

5.2 : Remove the original mounting bracket from the VisionX headlamp and replace it with the stainless steel bracket, reusing the screws from the original kit.

modified rim



stainless steel bracket



## 6 : VisionX light installation

6.1 : Depending on the template, cut out the back of the headlight support to leave room for the VisionX headlight.

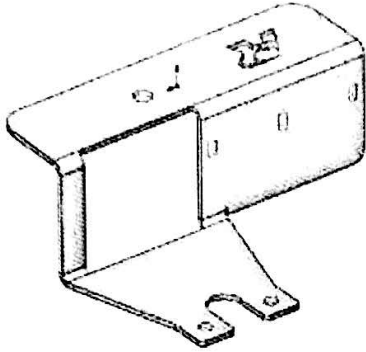
6.2 : Place the Vision X headlamp in the original long-range position.

6.3 : Fix the light in place by clamping it into the existing holes. Be careful, one left and one right bracket.

6.4 : Screw back on the original high-beam frames using the 4 screws removed earlier to finish fitting the headlamps.

## 7 : Connecting the headlights

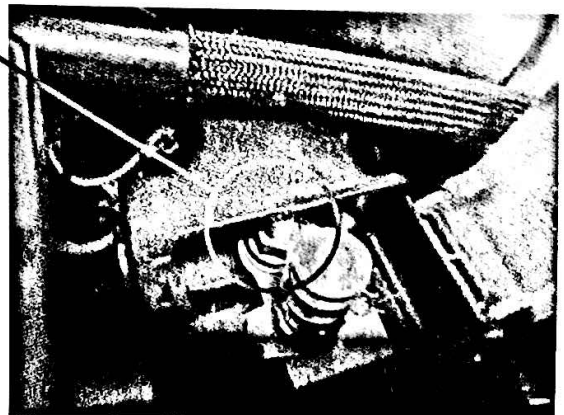
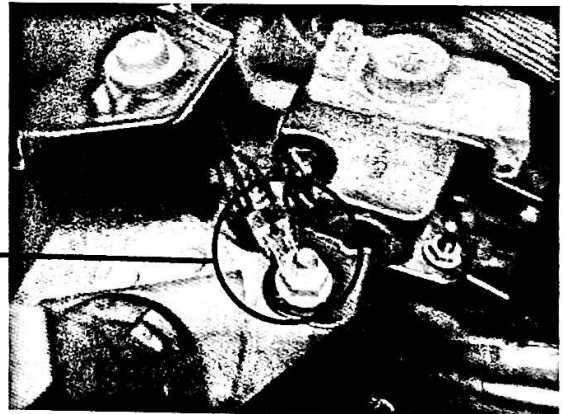
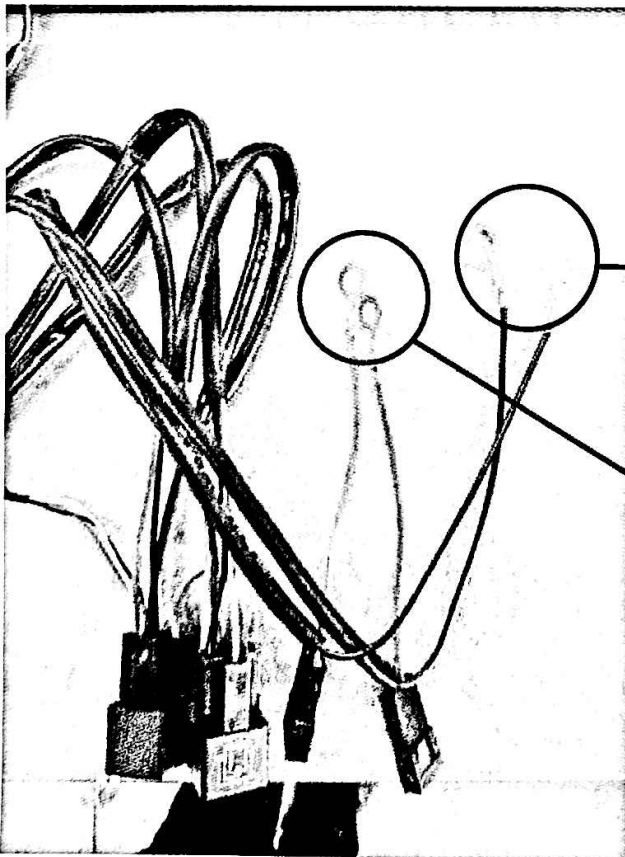
### 7.1 : Preparing the relay/fuse holder



Attach the 2 relays and 2 fuses to the relay support.

This attaches to the wing mounting screw.

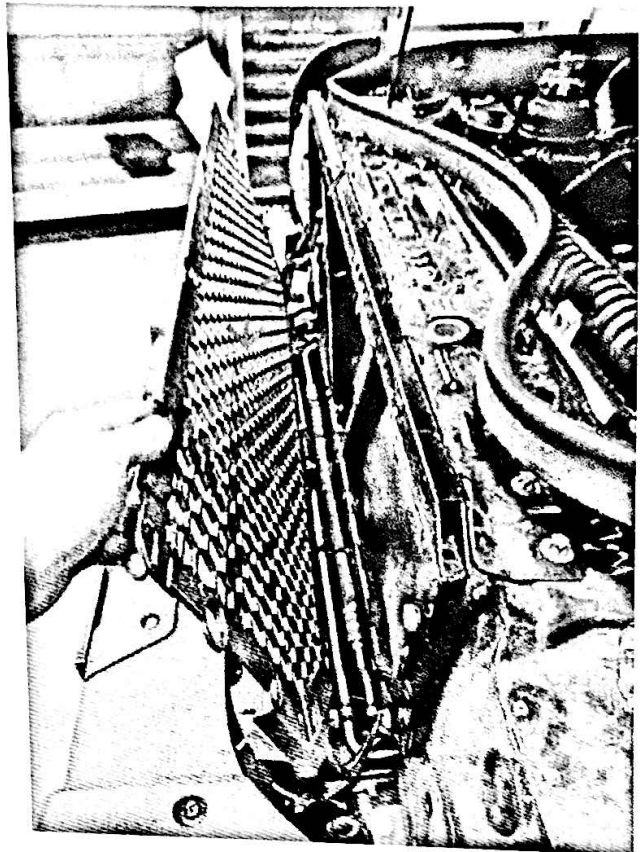
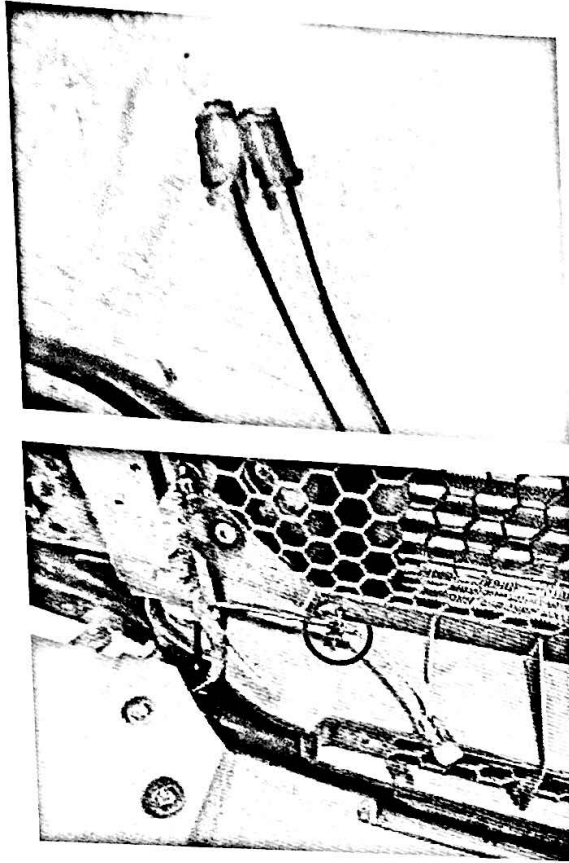
7.2 : Using Vision X wiring. Fix the lugs on the 12v point in the motor bay and the ground as shown in the diagram below.



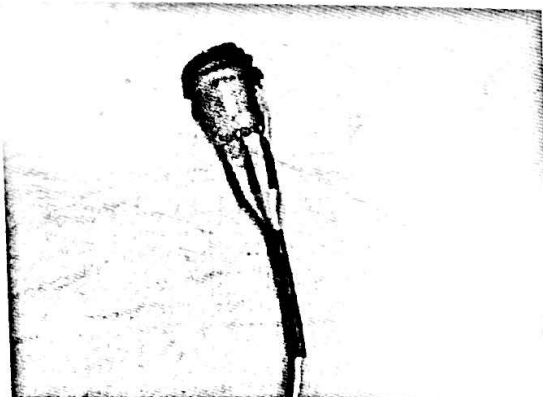


7.3: Take the two headlight connectors and pass them behind the right front headlight. Remove the plastic grille in front of the radiator and run the wiring along the aluminum frame to the left headlight.

Re-use the original wiring brackets to secure the VisionX sockets.



7.4 : Bypass the switch wiring on the VisionX kit and connect it to the original long-range wiring to retain the vehicle's original long-range control.



## 8 : Reassembling the front panel

Follow steps 1, 2 and 3 in reverse order to reassemble the various front-end components.

