

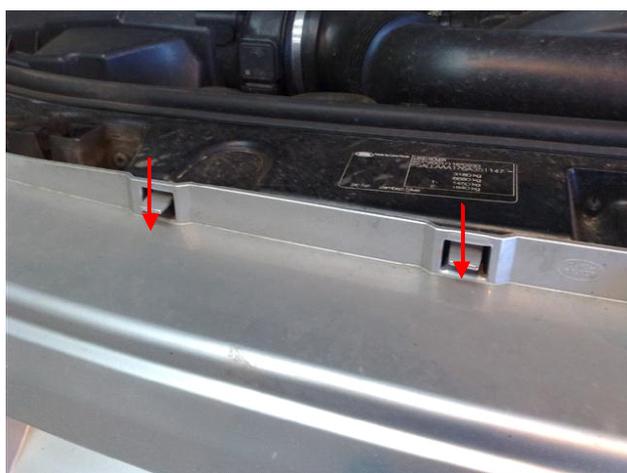
Discovery 3 and 4 Discrete Winch Mount *Fitting Instructions*

This product is at the limit of DIY fitment and it is recommended that fitment is carried out by an experienced workshop.

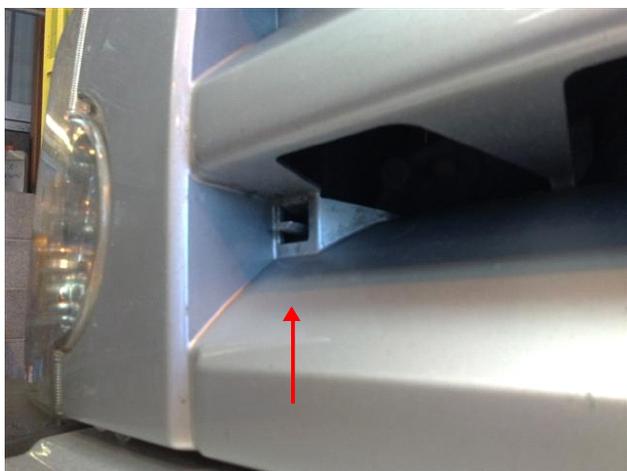
(please note on some vehicles the front parking sensors will have to be switched off via ids)



To remove the grill first open the bonnet.



Press and release all 4 top clips while pulling the grill forwards lightly.



Release the 2 lower clips while pulling the grill forwards and the grill should release.



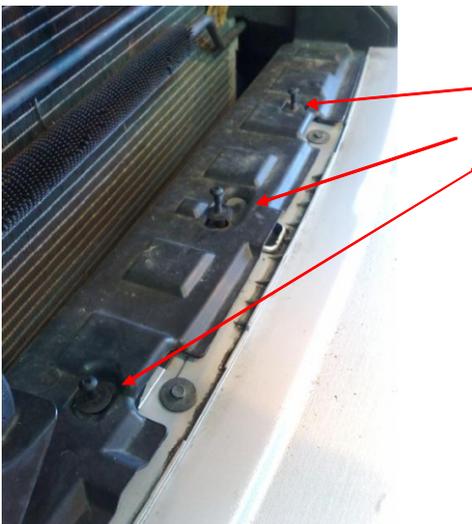
To remove the head lights lift the 2 catches on each light so that the hole in the clip aligns with the pin. (if you lift to far the clip will pass the hole and the light will not release)



Once both clips are released Pull the light forward and Release the electrical Connector.



Undo the screws securing the Wheel arch flares on both Sides.



Undo the screws securing the Wheel arch flares on both Sides.

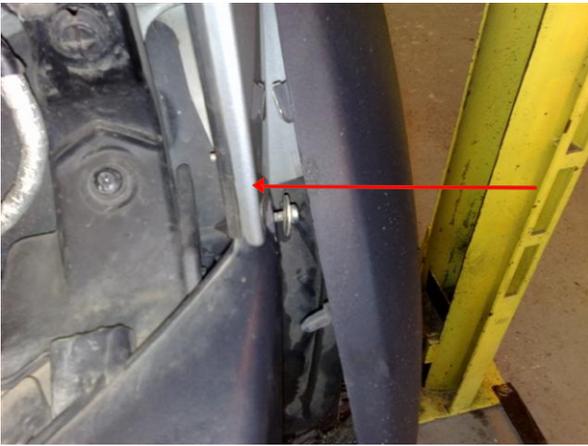


Remove the screws along the top of the bumper



Remove the 4 bolts from underneath. Then remove the screws from the ends.





Carefully pull the flare away and undo the last bolts holding the bumper (both sides). (Removing the flare completely may be easier on some vehicles)



Then push back the clips either side and the bumper can be removed.



Remove the 4 bolts securing the washer bottle. Mark and disconnect the pipes and connectors and remove the washer bottle.



Remove the air suspension actuator by pushing it upwards.



Remove the 8 bolts holding the inner steel bumper on and unhook it from the chassis.



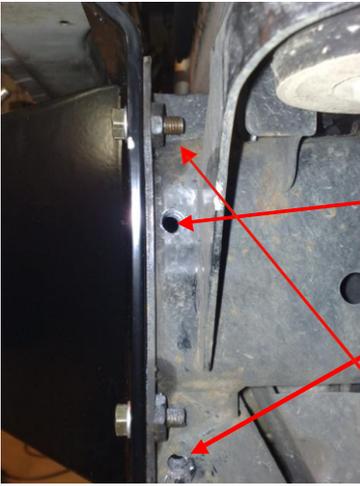
Remove the ambient air tem sensor from the plastic air duck. Then remove the duct by undoing the 2 screws from underneath in the engine bay, (these are hard to get to)



Reposition the air tem sensor with the cable tie supplied.



Bolt your chosen winch into the mount (you may need to rotate your free spool forward, warn xp is 2 bolt holes)

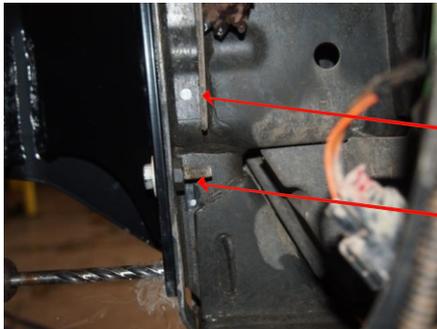


D3

With an assistant bolt your winch mount to the chassis using the 40mm long bolts supplied. Then mark and drill two 8mm holes through the chassis into the mount and out through the chassis on each side. Then bolt up with the long bolts supplied. Then drill the bottom holes in the chassis from the front (8mm hole).

(add nuts here on 8 bolts)

Once the front to rear bolts are tight put an extra m8 nyloc nut on the back to add strength.



D4

Ensure that you do not drill into the cooling pack when passing through the chassis



Secure the washer bottle to the winch mount with the bolts provided.



Above are the different positions the solenoid pack can be fitted using the universal brackets supplied. When deciding upon the final position it is worth considering maintenance of the solenoid pack and attaching of the remote control lead. Most winches will need custom cables made to the correct length.



On this D3 vehicle an Albright contactor was fitted (DC88-276) with a remote isolator (SW80-384) behind the grill between the body cross member and the cooling pack. A Warn radio remote was also fitted (WAR76080). Once every thing was tightened all connectors were sprayed with 3M 1602 to give a water tight seal and help avoid corrosion.

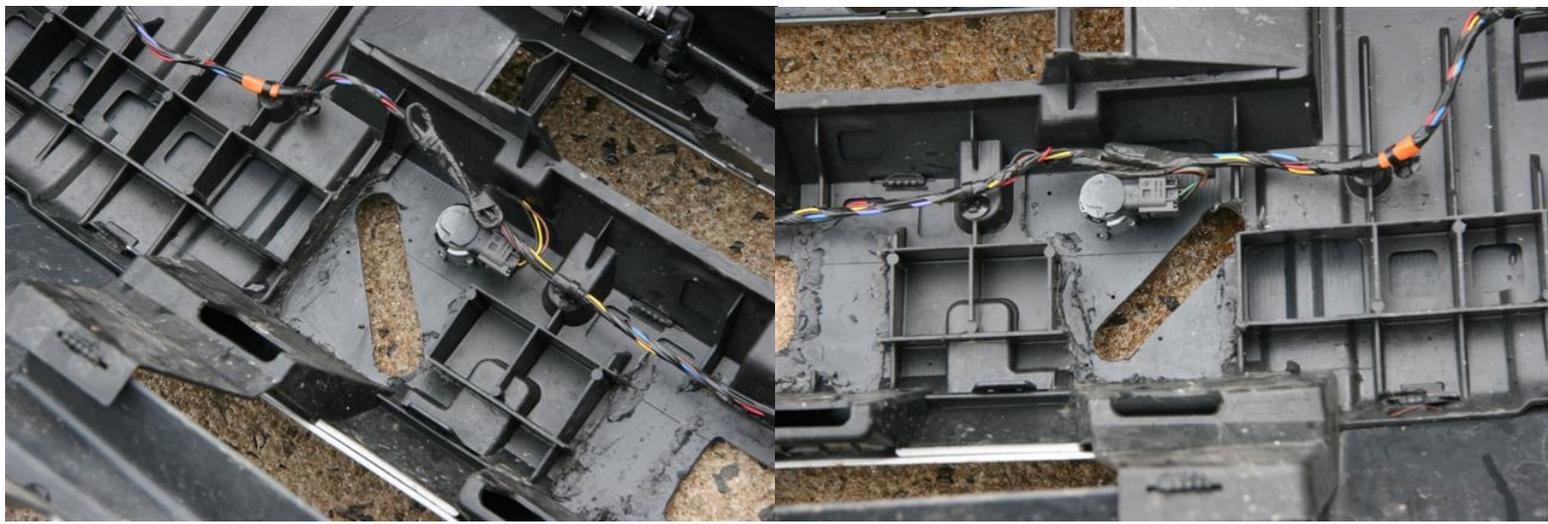




Discovery 3

On D3 models next cut out the paper template and use it as a guide as to where to cut the holes, every vehicle is different so I recommend starting to cut in the center of the fairlead hole then positioning the bumper as best as you can on the vehicle and then keep cutting away until all the holes line up with the bumper and the bumper can be slid on. The webbing needs to be removed from behind the bumper as per the pictures below





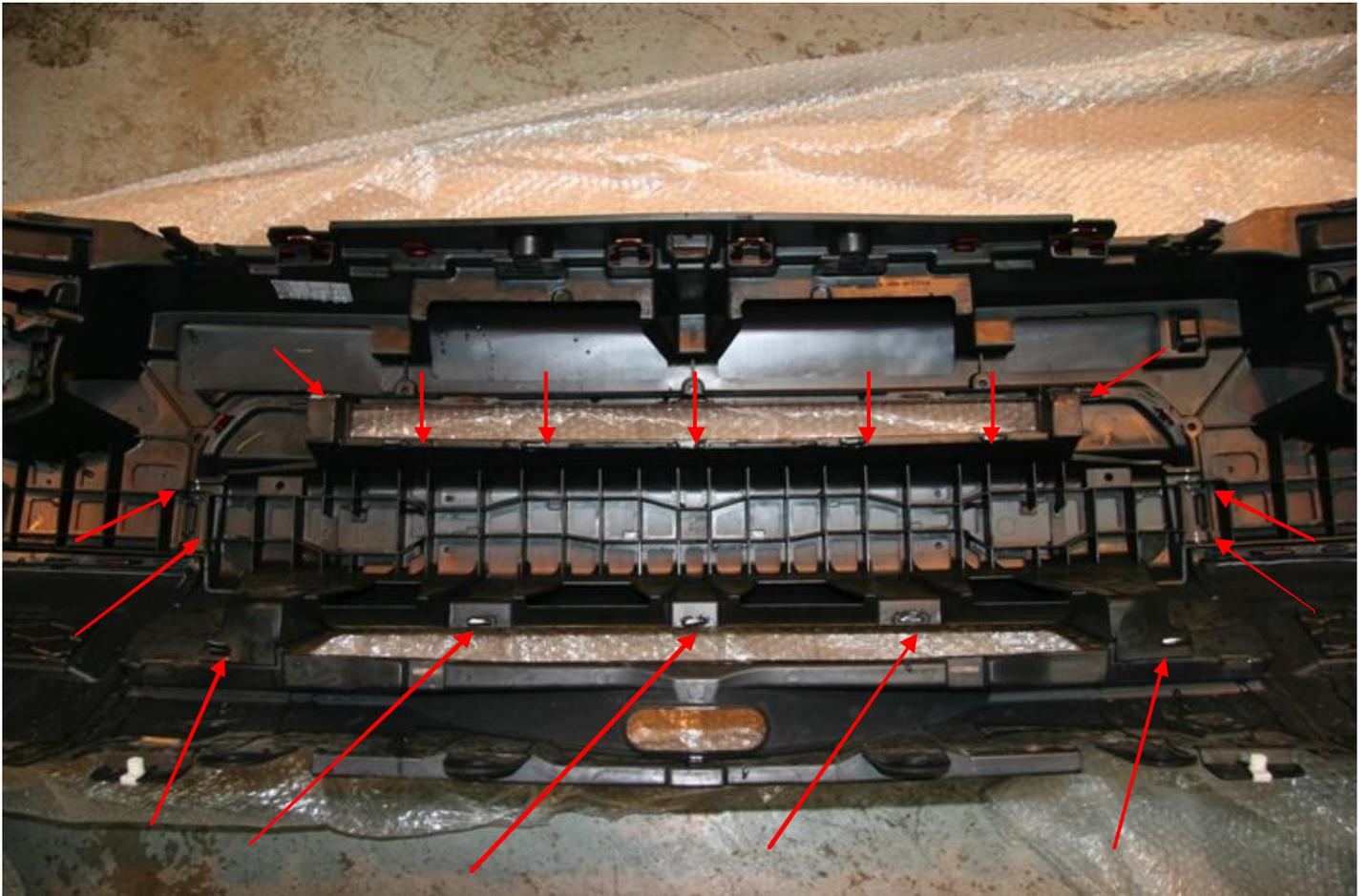
Once the bumper is fitted in position and the bolts tightened the hole slot for the fairlead can be opened out so that the fairlead spacer can be fitted. The idea of the spacer is to allow the fairlead to be tightened against the winch mount without distorting the bumper the closer the fit around the spacer to the bumper the better the finish when used in conjunction with a D44 fairlead. The kit is supplied with 3 spacers, use as many as you need to stop the plastic bumper being distorted.

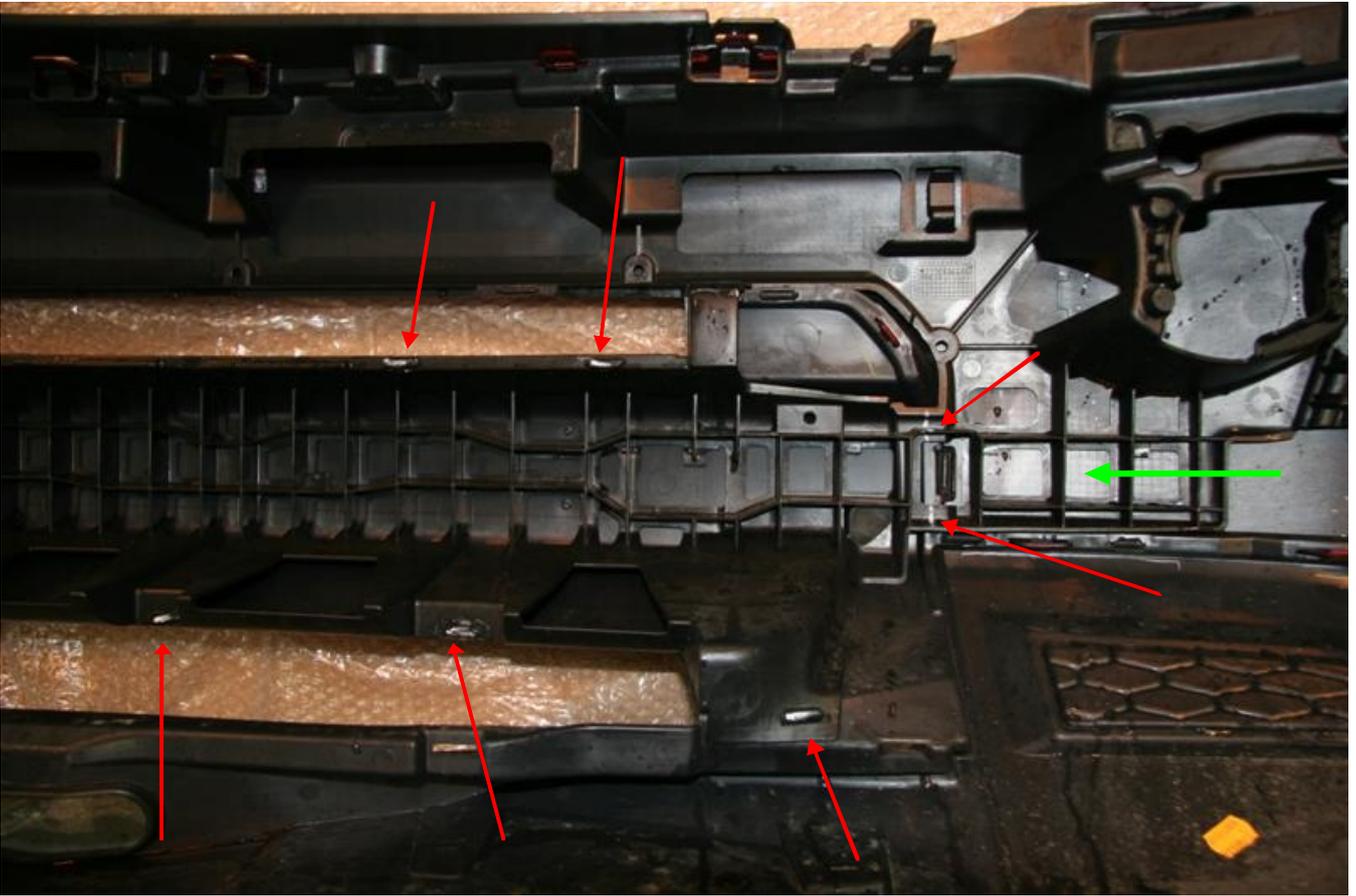


Then the fairlead can be bolted on.

Discovery 4

On D4 models cut through plastic and sand off tags in the above positions to remove the entire centre in one piece. If front fog lamps are fitted then glue or bond the webbing to the main bumper face. Be careful not to go through the front face when cutting or sanding

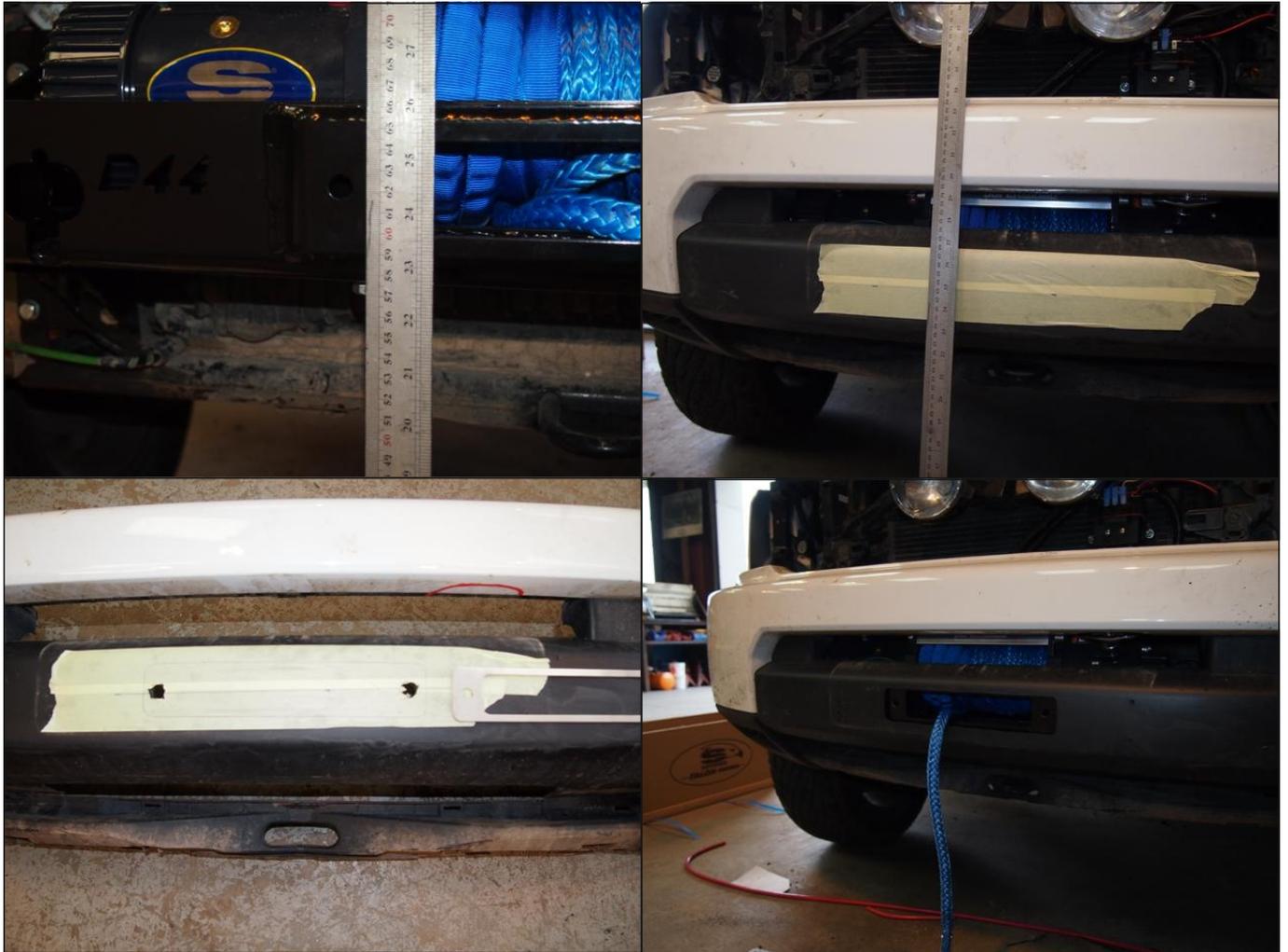




Where the green arrow is where the inner can be glued to the outer



Using the curved edge of the jig provided a line can be drawn on the Bumper and then cut to allow clearance to the winch if need.
(needed on warn xp and super winch talon)



If the vehicle is fitted with front parking sensors the jig can be aligned with them and small holes can be drilled for the fair lead holes to give a rough idea where to start.

If there are no sensors then measure from the floor to the holes with the bumper removed then refit the bumper and mark the holes from the centre line.

The Bumper can then be fitted to the vehicle and looking through the small holes they can be moved so they are accurate with the winch mount. Once you are happy with the position of the holes one of the two spacers can be used to draw around to give a guide for cutting.

The idea is for the spacer to be a tight fit in the bumper to allow the larger number plate mount and fairlead to hide the hole when fitted. Then it is a case of bringing the rope through, passing it through the 2 spacers then the number plate mount and lastly the fairlead, then put the bolts through and tighten up.

