



Jeep Grand Cherokee WK2

MY2017-2020

Hidden Winch Mount

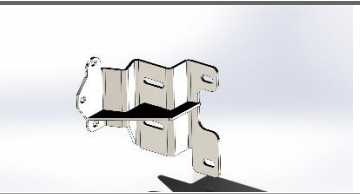
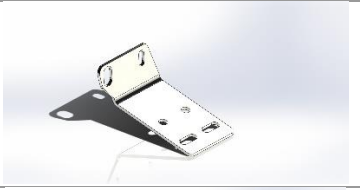
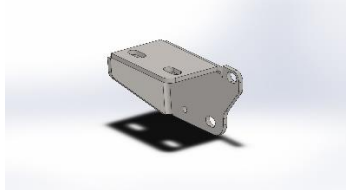

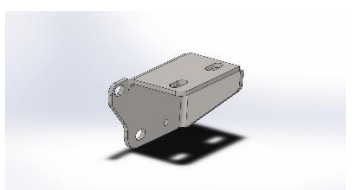
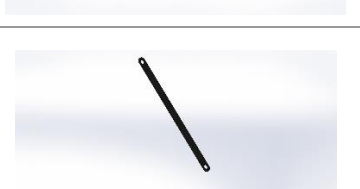
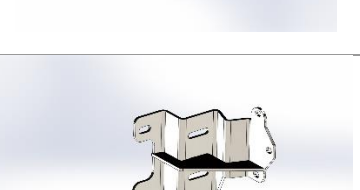
IMPORTANT! – READ BEFORE INSTALLATION

- When installed in accordance with these instructions, the front protection bar does not affect the operation of the vehicles SRS airbags.
- This product must be installed exactly as per these instructions using only hardware supplied.
- Take a few moments to read instructions thoroughly before beginning work.
- In the event of damage to any component please contact OFFROAD ANIMAL to arrange repair/replacement of components.
- Do not use this product for any vehicle make or model other than that specified on these instructions.
- Do not remove labels from this product.
- This product and its fixings must not be modified in any way unless stated in these fitting instructions.
- The installation of this product is recommended for trained personnel.
- These instructions are correct at time of publication. OFFROAD ANIMAL cannot be held responsible for the impact of any changes subsequently made by the vehicle manufacturer. If you find something has changed please contact us to let us know!
- During installation it is the duty of the installer to check correct operation/clearances of all components.
- If Instructions are to be printed for reference in the workshop, it is recommended that they are printed in colour, for best legibility.
- ESTIMATED INSTALL TIME: 3-4 hours with fitting winch

PARTS LISTING

IMPORTANT: Check all parts are present before beginning work! Contact OFFROAD ANIMAL if something is missing.

Main Parts – In the Box

Qty	Part Number	Description	Image
1	HW-JGC-WK2-14-ASM2L	HIDDEN WINCH MOUNT BRACKET LH	
1	B-0055	HIDDEN WINCH MOUNT CONTROLLER MOUNT	
1	B-285L	SUB SUPPORT WK2 WINCH MOUNT RH	
1	B-0284	WINCH CRADLE WK HIDDEN	
1	B-0057L	SUB SUPPORT WK2 WINCH MOUNT LH	
2	P-0014	WK2 RADIATOR BRACE	
1	HW-JGC-WK2-14-ASM2R	HIDDEN WINCH MOUNT BRACKET RH	

1	B-0087	AIR SUSPENSION BRACKET	
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Small Parts – Contained in Small Parts Kit Bag

Qty	Part Number	Description
10	M10 X 30	M10 X 30 HEX BOLT 8.8 ZINC PLATE
10	M10 FN	M10 FLANGE NUT
10	M10 FW	M10 FLAT WASHER
3	M6 X 20	M6 X 20 HEX BOLT 8.8 ZINC PLATE
3	M6 FN	M6 FLANGE NUT
3	M6 FW	M6 FLAT WASHER

TOOLS REQUIRED

The following tools will be required to install the product.

Hand Tools	Power Tools	Workshop Equipment
10mm Spanner 13mm Spanner 15mm Spanner 16mm Spanner 4mm Allen Key 5mm Allen Key 10mm Socket 13mm Socket 16mm Socket Ratcheting Socket Wrench Flat head screw driver or Pry Tool 3mm drill bit	Power drill Air hacksaw or Angle grinder	Masking tape

GENERAL WARNINGS

Take Care not to lose factory hardware, as some will be reused

Read all safety precautions with winch before use, and if you're not experienced take a training course



1. First step is to remove the lower air damn fascia. To do this climb under your Jeep and remove all 7 quarter turn clips by hand. Two are tucked up high in each corner and 3 in the middle
2. Once they are removed pull the entire lower air damn away from Jeep by hand.

TOOLS REQUIRED

None

FASTENERS

Retain only if you wish to refit later



3. Next step is to remove the rest of the front bumper. Start with bonnet/hood open and pry out two clips shown with trim tool or flat head screw driver

TOOLS REQUIRED

Trim tool or flat head screw driver

FASTENERS

Retain factory clips



4. At the wheel arch on both sides you will need to pry out 2 plastic rivets. You can also drill out the centre of the rivet if you're struggling to pry it out.
5. Remove screw shown with 10mm socket or spanner

TOOLS REQUIRED
Trim tool, or flat head screw driver
10mm socket or spanner

FASTENERS
Discard plastic rivets



6. Pull factory flare away from bumper, using a flat head screw driver release at least 2 of the push in clips on top edge being careful not to break them as you pull the flare away from the body

TOOLS REQUIRED

Flat head screwdriver

FASTENERS



- 7. Pull headlight washer out by hand, and detach retaining clips allowing mechanism to retract and remove outside panel

TOOLS REQUIRED

FASTENERS



8. Pull the edge of the bumper away from the body

TOOLS REQUIRED

FASTENERS



- 9. Lifting the top section ever so slightly you can release clips holding in the top section and pull the remainder of the bumper away

TOOLS REQUIRED

FASTENERS

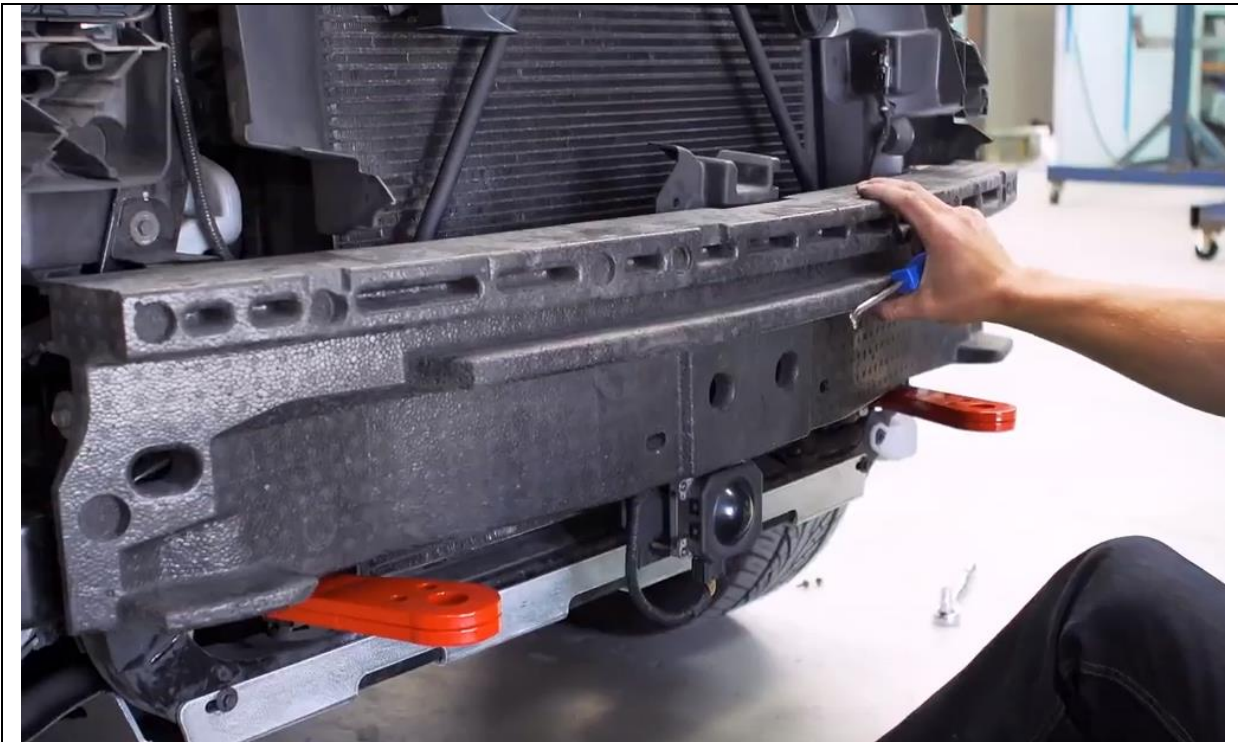


10. Pull out 2 plastic Christmas tree clips holding foam in

TOOLS REQUIRED

Trim tool, or flat head screw driver

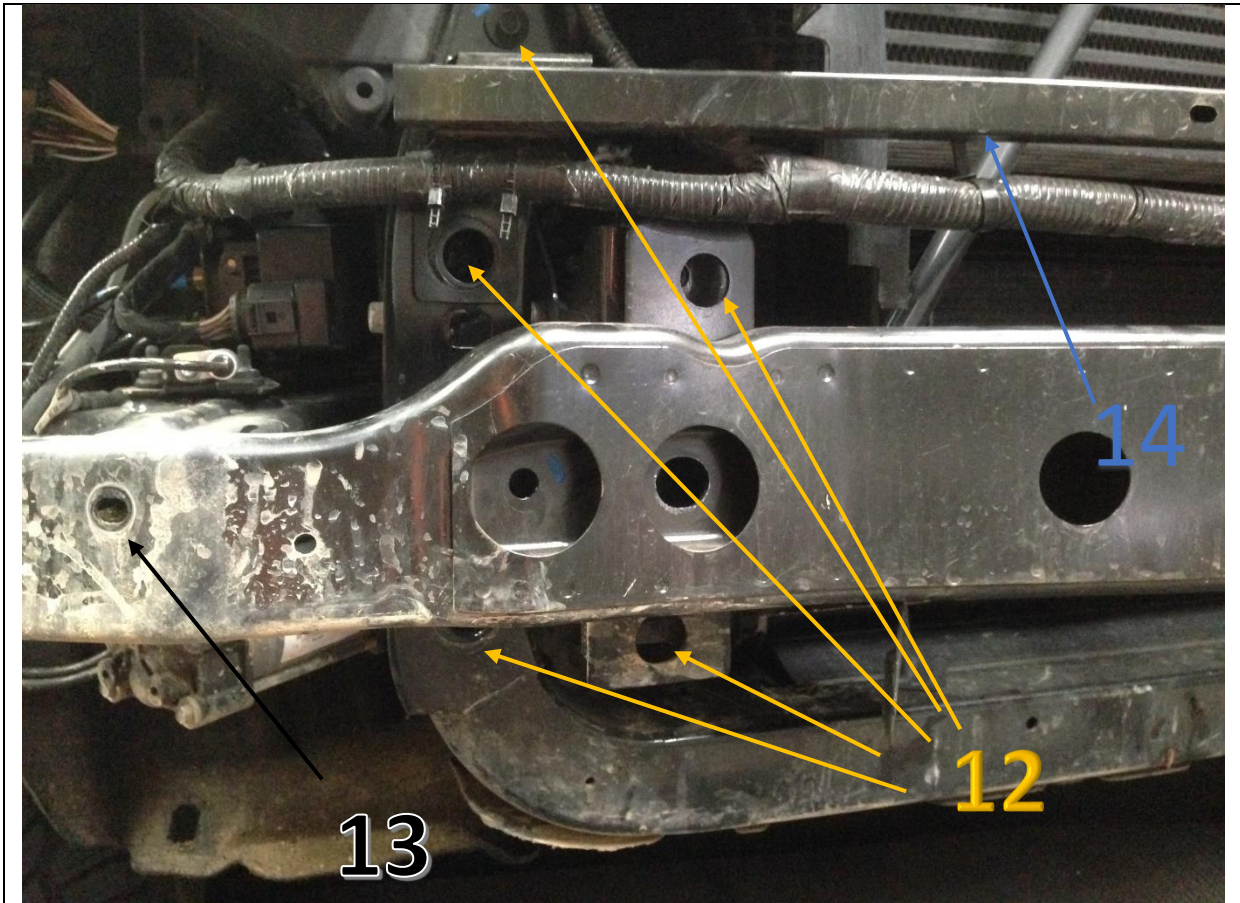
FASTENERS



11. Pull foam insert off

TOOLS REQUIRED

FASTENERS



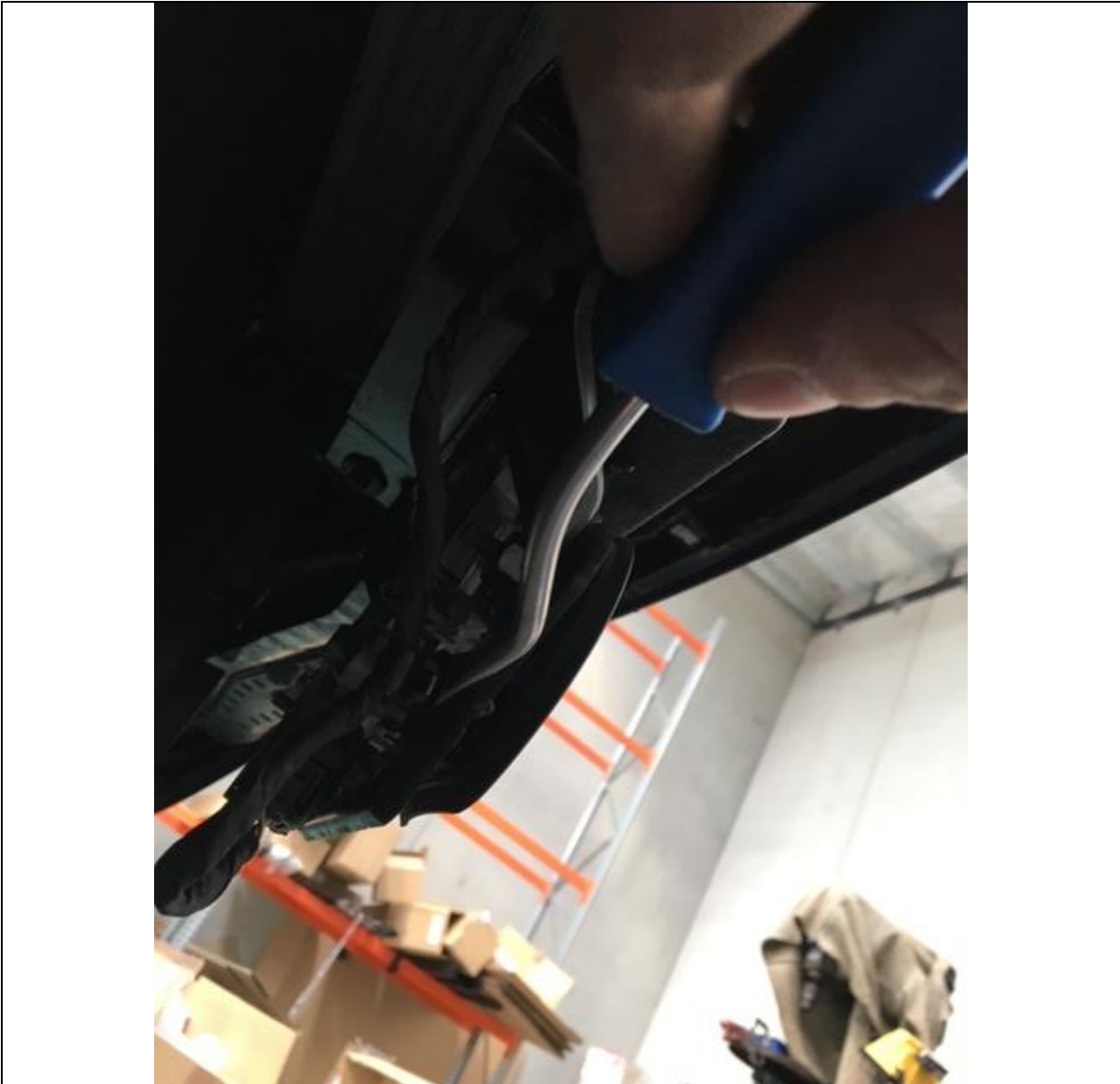
- 12. Remove bumper reinforcement by removing 8 x M8 bolts (4 per side with 13mm tool) and 2 x M6 bolts with 10mm tool
- 13. If equipped with air suspension remove 2 flange nuts holding compressor onto bumper reinforcement
- 14. Using trim tool or similar remove all loom securing keepers holding wiring onto bumper reinforcement

TOOLS REQUIRED

- 10mm spanner or socket**
- 13mm spanner or socket**
- Trim tool or flat head screw driver**

FASTENERS

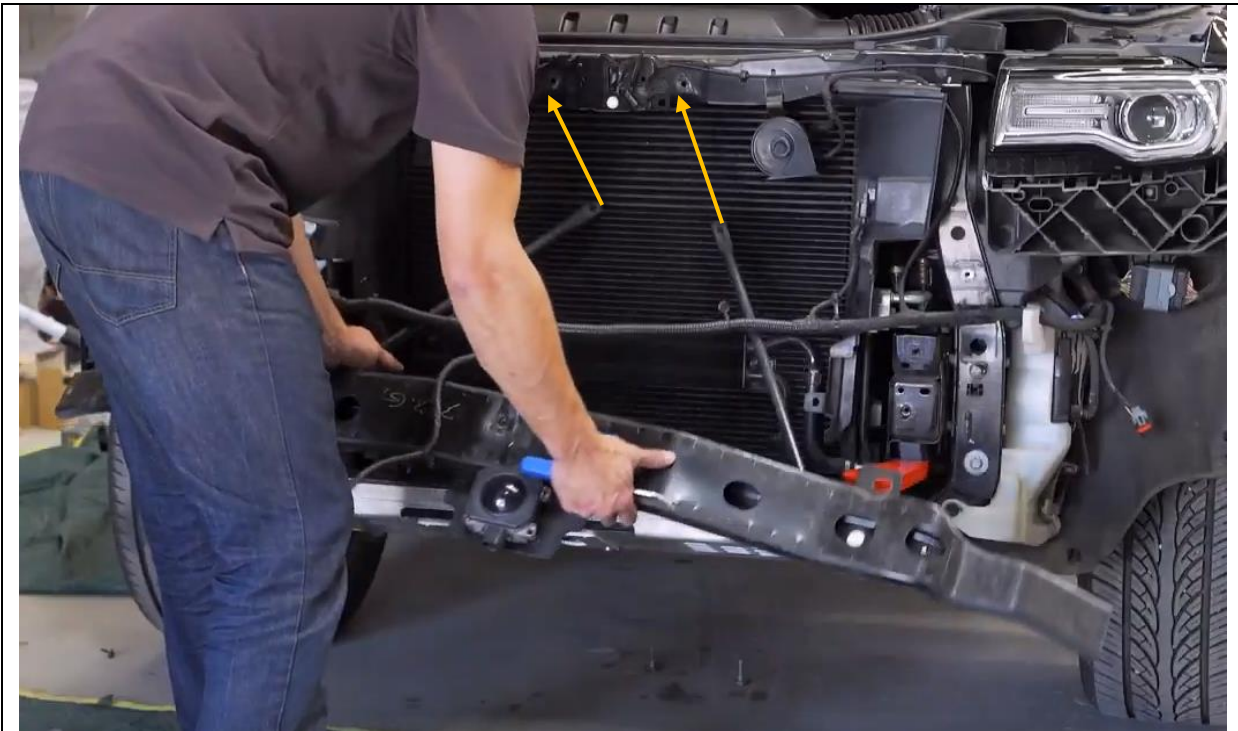
Retain all fasteners, some will be reused



15. If Adaptive cruise control is fitted, unplug loom and pull sensor off posts

TOOLS REQUIRED

FASTENERS



16. Remove 2x screws with 13mm tool holding round support bars from top of bonnet support then remove entire reinforcement bar.

TOOLS REQUIRED
13mm socket or spanner

FASTENERS
Retain for reuse



- 17. If vehicle is fitted with Air Suspension, fit Air suspension bracket as shown.
- 18. If no air suspension fitted you can discard this bracket or send it back to Offroad Animal and we'll send you a hat

TOOLS REQUIRED
13mm socket or spanner
15mm socket or spanner

FASTENERS
 Reuse factory hardware



19. Cut tab off shown in picture from both sides

TOOLS REQUIRED

Angle grinder or air hacksaw
or sawzall

FASTENERS



20. Place mount on chassis and fit reusing factory M8 bolts

TOOLS REQUIRED

FASTENERS



21. Torque up M8 hardware

TOOLS REQUIRED

13mm spanner or socket

FASTENERS

Factory M8 hardware

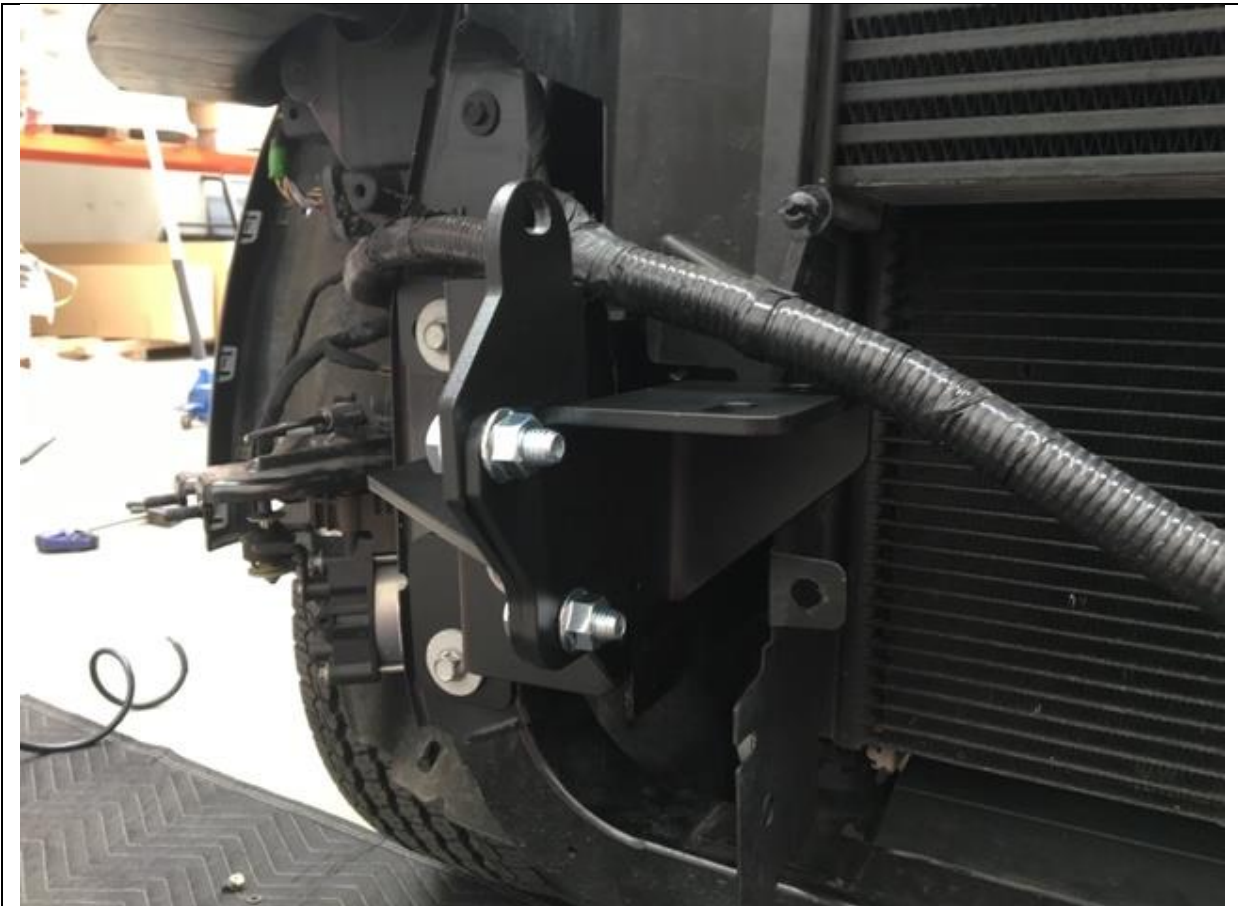


22. Trim air damn across and position shown on both sides

TOOLS REQUIRED

Box Cutter or razor blade

FASTENERS



- 23. Fit sub support with M10 bolts, flat washer and flange nuts.
- 24. Repeat for other side

TOOLS REQUIRED

16mm spanner or socket

FASTENERS

M10 x 30 Hex bolt (4)
M10 Flat washer (4)
M10 Flange nuts (4)



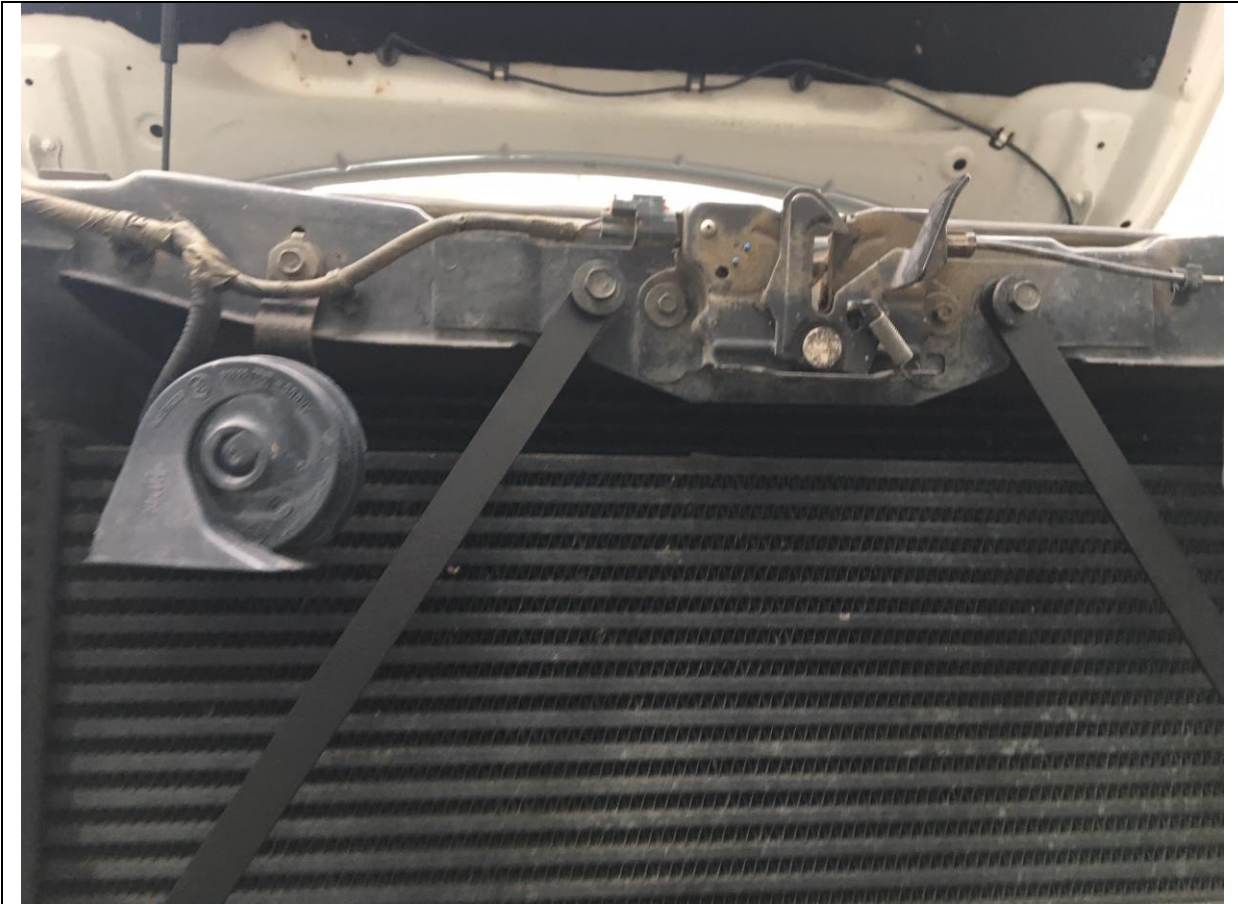
25. Lift winch cradle onto sub supports and secure with M10 x 30 bolts, flat washers and flange nuts

TOOLS REQUIRED

16mm spanner or socket

FASTENERS

**M10 x 30 Hex bolts (6)
M10 Flat washers (6)
M10 Flange nuts (6)**



26. Fit radiator braces as shown with factory bolts

TOOLS REQUIRED

13mm spanner or socket

FASTENERS

Factory bolts



27. Fit lower end of radiator supports to winch cradle with M6 bolts, flat washers and flange nuts

TOOLS REQUIRED

10mm Spanner or Socket

FASTENERS

**M6 x 20 Hex Bolt (2)
M6 Flat washer (2)
M6 Flange nut (2)**



28. If you are fitting a winch that does not have an integrated control box (like a Warn Zeon) then you can use the supplied winch controller bracket to mount your control box as shown. Use one existing M10 bolt and then add M6 bolt washer and flange nut
Skip this step if your winch has an integrated control box

TOOLS REQUIRED
16mm spanner or socket
10mm spanner or socket

FASTENERS
M6 x 20 Hex bolt (1)
M6 flat washer (1)
M6 flange nut (1)



- 29. Lift winch onto winch cradle and secure with hardware supplied with winch
- 30. Insure the clutch handle is rotated down on the winch so you can access it when the bumper is on.

TOOLS REQUIRED
16mm spanner or socket

FASTENERS
Supplied with winch



31. Some winches are larger than others and requires you cut off plastic protrusion shown above

TOOLS REQUIRED

Angle Grinder or air hacksaw

FASTENERS



32. Refit bumper. You may need to trim more inside the grill if touching the winch. Some winches are larger and require more trimming. You may need to force the bumper on. Make sure winch cradle is back as far as it can go.

TOOLS REQUIRED

FASTENERS



33. Mark position for fairlead bolt. To do this you will need to mark the centre of the bumper as from the centre grill slot down. Sketch this line as shown above in black. Then measure down from the bottom of the winch cradle to the edge of the bumper (call this x), then take that measurement and add 40mm to it then come back up the centre line. (This is $x + 40 = y$)
34. Then measure out horizontally from y 127mm to the left and mark this point, then do the same 127mm to the right. This is the hole for the fairlead mount
35. Drill a small pilot holes 3-5mm to check you have the correct position lining up the winch cradle behind the bumper

TOOLS REQUIRED
Tape Measure
Marking pen
3mm Drill Bit
Power Drill

FASTENERS



- 36. Once mounting hole positions are marked, put fairlead up to bumper with mounting holes matching your marks.
- 37. Trace around fairlead with marking pen

TOOLS REQUIRED

Marking pen

FASTENERS



38. Remove bumper and Cut out fairlead traced area. Use masking tape around edges to protect uncut edges. Cut inside taped area.

TOOLS REQUIRED

Jigsaw, air hacksaw, or angle grinder

FASTENERS



39. If you desire you can line cut out area with pinch weld

TOOLS REQUIRED

FASTENERS



- 40. Refit bumper with factory screws and clips. You may need to push bumper on as it may rest against winch.
- 41. Refit headlight washers by pulling out sprayer with pliers and clipping outside panel back on

TOOLS REQUIRED

10mm socket or spanner

FASTENERS

Factory hardware



42. Fit fairlead with hardware supplied with winch

TOOLS REQUIRED

FASTENERS



43. If purchased fit number plate flip to bumper. Drill holes and fit with M6 supplier hardware from number plate flip

TOOLS REQUIRED

6mm drill bit
Power drill

FASTENERS

Supplied from Number plate flip
M6 x 20 hex bolts (2)
Flat washers (2)
Flange nuts (2)



44. You're all finished. Enjoy the ability to self-recover

TOOLS REQUIRED

FASTENERS