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Rough Country 10602 Installation Instructions

Hidden Winch Mount for Jeep Cherokee & Grand Cherokee (2014-2020)

Part number: 10602

trailfortress.com/hidden-winch-mount-jeep-cherokee-grand-cherokee-rough-country-10602

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921106020

10602BAG

JEEP 2014-16 WK2 Hidden Winch Kit

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Check and retighten wheels at 50 miles and again at 500 miles. Periodically check all hardware for tightness.

KIT CONTENTS:

1-Winch Plate
1– Drivers Side Winch Plate Mount
1– Pass. Side Winch Plate Mount
2– Cross Bars
1- Remote Extension Bracket
1-Remote Wire Extension
2– Power Steering Cooler Ties

HARDWARE INCLUDED:

7/16-14 x 1 1/4 Hex Head Bolts x 8
7/16 flat Washers x 16
7/16-14 Nylock Nuts x 8
3/8-16 x 1 Hex Head Bolts x2
3/8 Flat Washers x 4
3/8-16 Nylock Nuts x 2
1/4-20 x 3/4 Hex Head Bolts x 2
1/4 flat washers x 2
1/4-20 Nylock Nuts x 2
Black Cable Ties x 4
10-1.5mm Nuts x 4
10mm Flat Washers x 4

TOOLS NEEDED:

Auto trim puller
Drill motor
3/4 drill
Body saw
Sander or file
Painters Tape
Permanente marker
Side cutters
Flat head screw driver
ratchet
9/64 allen wrench
8mm wrench
10mm socket
13mm socket
14mm socket
19mm wrench and socket
7/16 wrench and socket
9/16 wrench and socket
5/8 wrench and socket



Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

INSTALLATION INSTRUCTONS

1. Remove the 2 push pin clips on each side of the fender well trim, use an auto trim puller. **See Photo 1 and 2.** Save hardware.



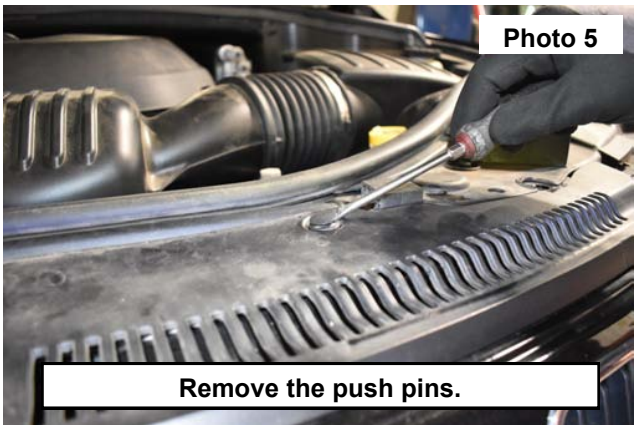


2. Starting at the bottom, pull the fender well trim out releasing the clips, use care not to brake any of the clips off of the trim. **See Photo 3.** Repeat this step on the opposite side of the vehicle.
3. Remove the bolt from each side of the top of the grille support, use a 10mm wrench. **See Photo 4.** Save hardware.



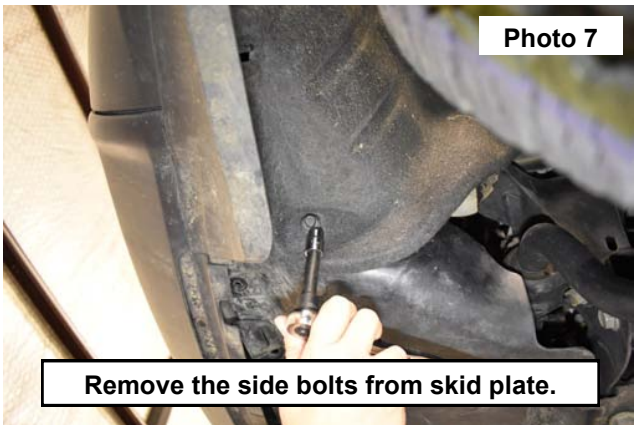


4. Using an auto trim puller, remove the push pins from the top of the grille support. **See Photo 5.** Save hardware.
5. Remove the 2 bolts in the rear of the skid plate, using a 14mm socket. **See Photo 6.** Save hardware.





6. Remove side the bolts, on each side of the skid plate, using a 10mm socket. **See Photo 7.** Save hardware.
7. Remove the 2 front bolts from the skid plate, using a 10m socket. **See Photo 8.** Save hardware.





8. Remove the skid plate from the vehicle, set a side this will be reinstalled in a later step. **See Photo 9.**
9. Remove the 2 twist clips from the bottom of the bumper cover. **See Photo 10.** Save twist clips for later use.



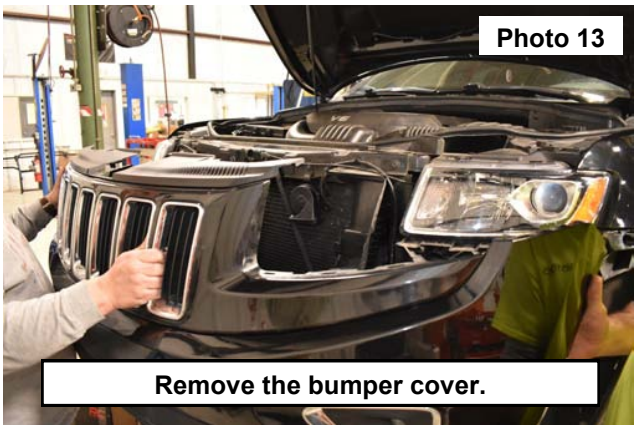


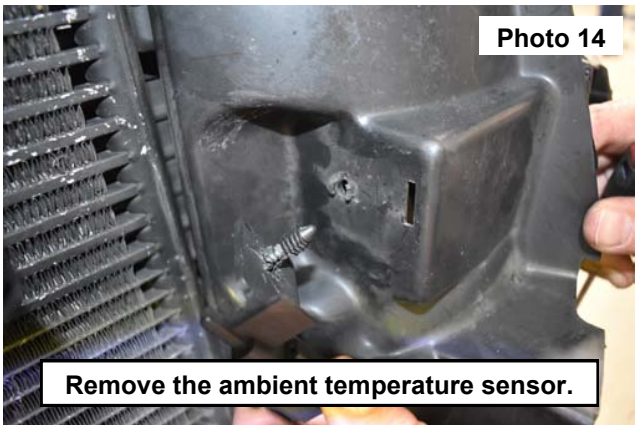
10. Disconnect the fog light wiring harness on each side of the vehicle. **See Photo 11.**
11. Using care releasing the bumper cover clips from under the headlight on each side of the vehicle. **See Photo 12.**





12. Remove the bumper cover from the vehicle, set aside in a safe place for later modification. **See Photo 13.**
13. Remove the ambient temperature sensor from the air deflector on the drivers side of the vehicle. **See Photo 14.**



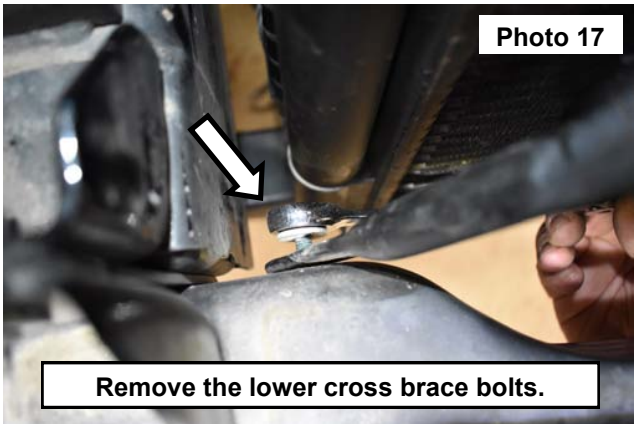


14. Remove the air deflector from the driver and passengers side of the vehicle. **See Photos 15 and 16.**



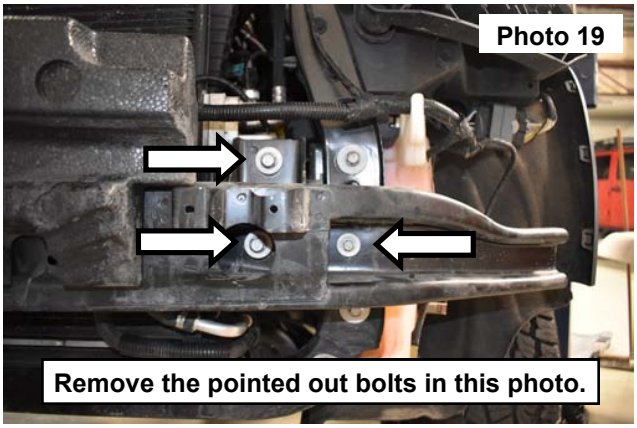


15. Release the wiring from the center of the crash bar.
16. Remove the lower cross brace bolts on both sides of the vehicle, use an 10mm wrench. **See Photo 17.**
17. Remove the upper cross brace bolts on both sides of the vehicle, use a 13mm socket. **See Photo 18.** Retain hardware for later use.



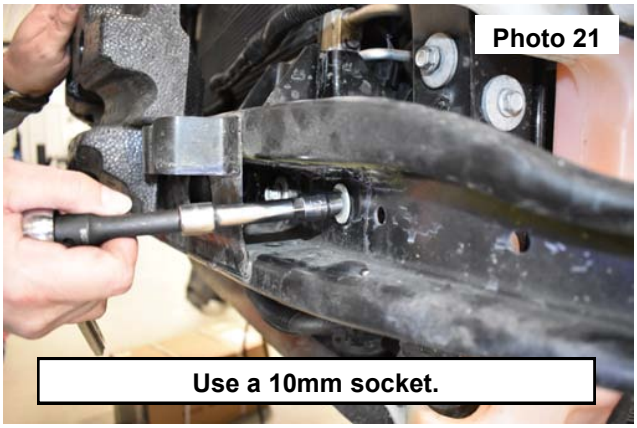


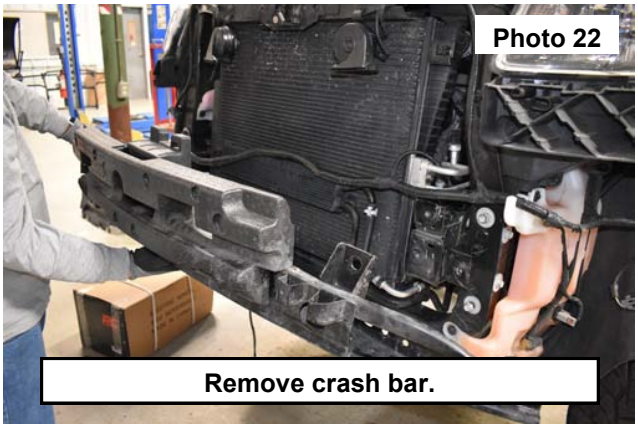
18. Remove the bolts pointed out on the crash bar shown in **Photo 19.**
19. Remove the 2 inside bolts from crash bar on each side, use a 13mm socket. **See Photo 20.** Retain hardware for later use.



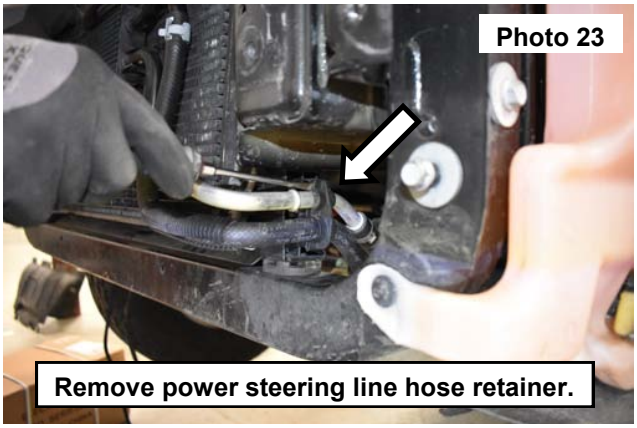


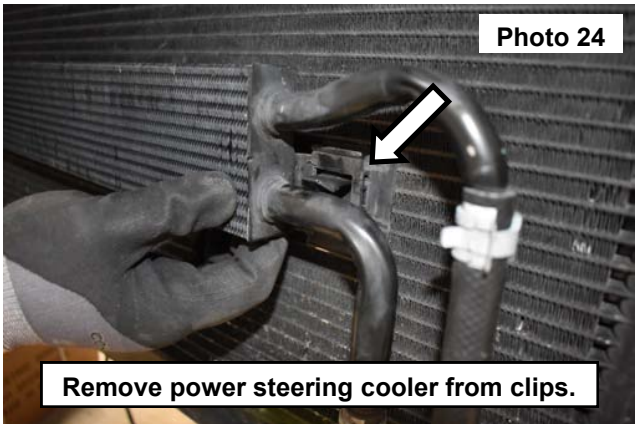
20. Remove the outside bolt from the crash bar on each side, using a 10mm socket. **See Photo 21.** Save hardware.
21. Remove the crash bar from the vehicle. **See Photo 22.** Set aside this will not be reused.



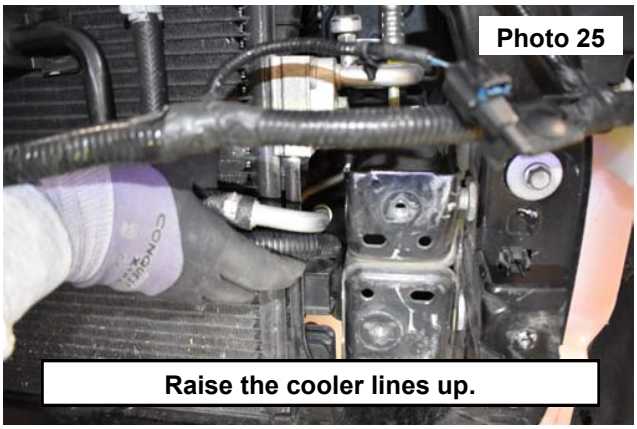


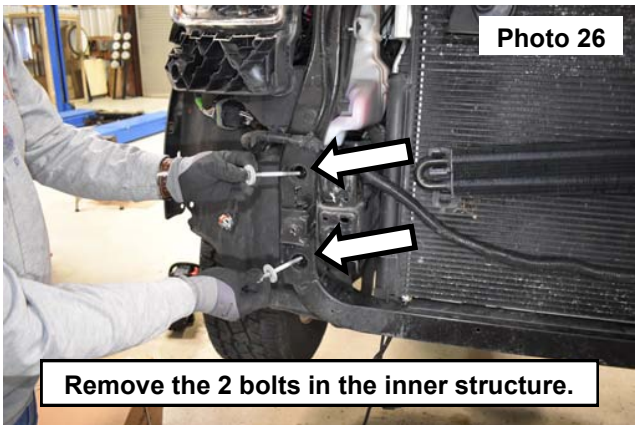
22. Remove the hose retainer from the power steering lines, use a flat head screw driver. **See Photo 23.**
23. Remove the power steering cooler from the clips attached on the radiator. **See Photo 24.**





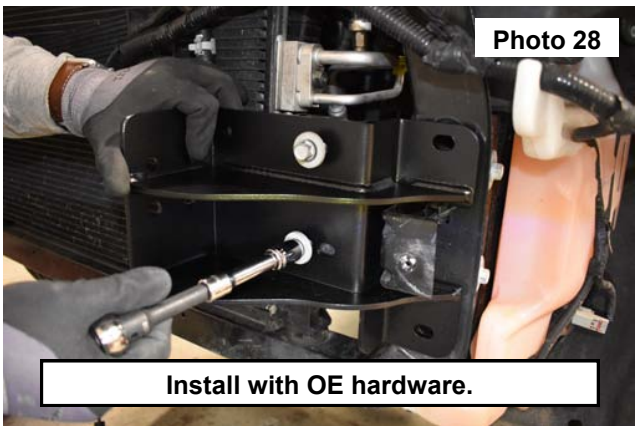
24. Temporarily raise the cooler and lines up to clear the winch plate, the cooler will be installed into a new mounting location in a later step. **See Photo 25.**
25. Remove the 2 bolts from the driver and passengers side of the inner structure, use a 13mm socket. **See Photo 26.** Save hardware.



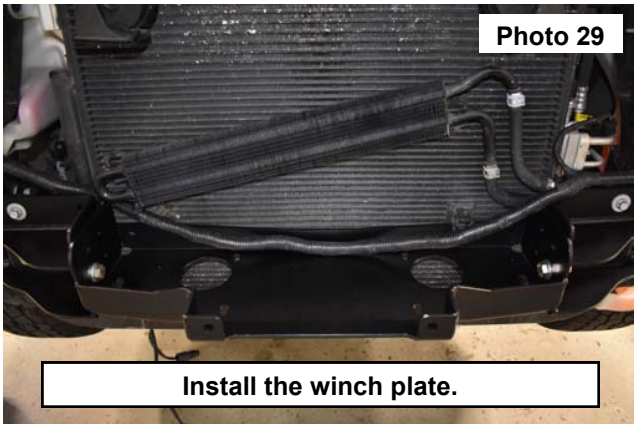


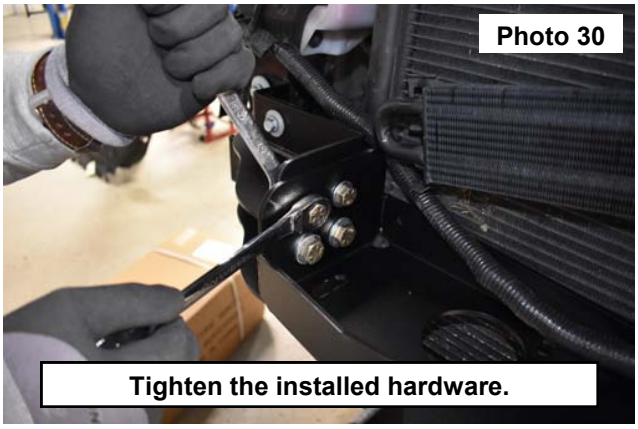
26. Locate the driver and passengers side winch plate brackets, install the brackets using the OE hardware removed from the inner structure and the crash bar. **See Photos 27 and 28.** Snug the bolts onto the brackets were they can still be moved when install in the winch plate.



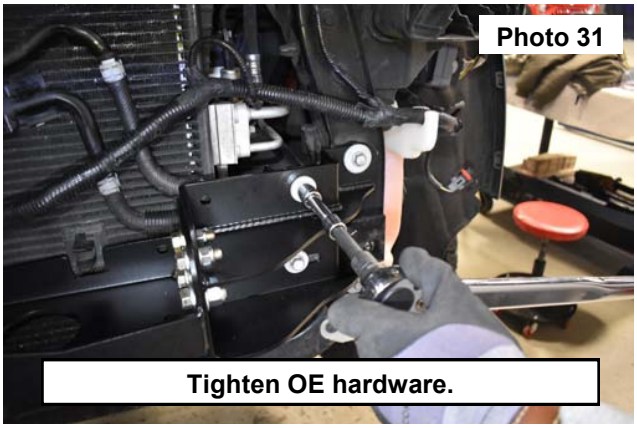


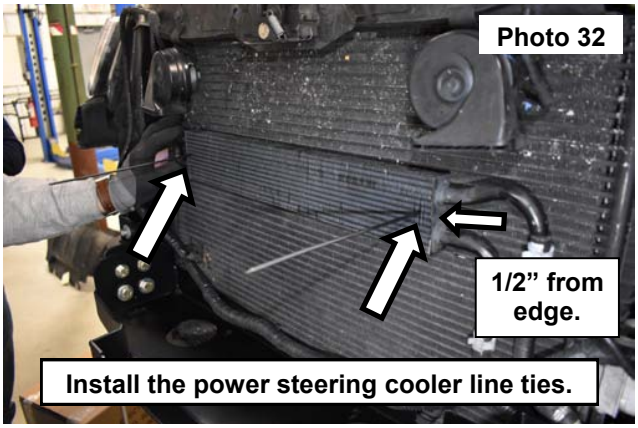
27. Install the winch plate in between the brackets, align the bottom holes of the winch plate and the brackets. Secure using the 7/16-14 x 1 1/4 hex bolts, 7/16 flat washers and 7/16 nuts in the 4 holes on each side of the vehicle. **See Photo 29.**
28. Torque the 4 bolts installed into the winch plate and the brackets to 45 ft-lbs, use a 5/8 wrench and socket. **See Photo 30.**



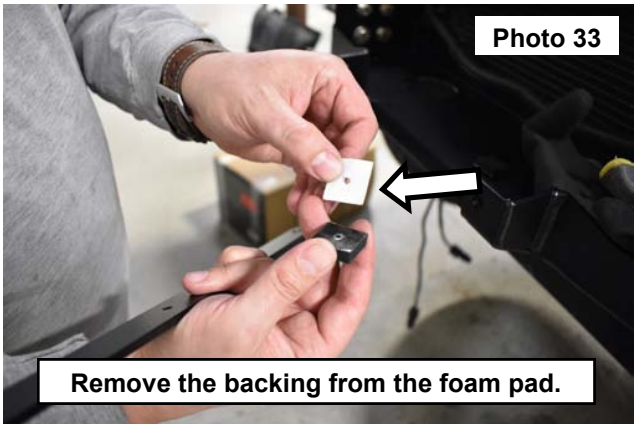


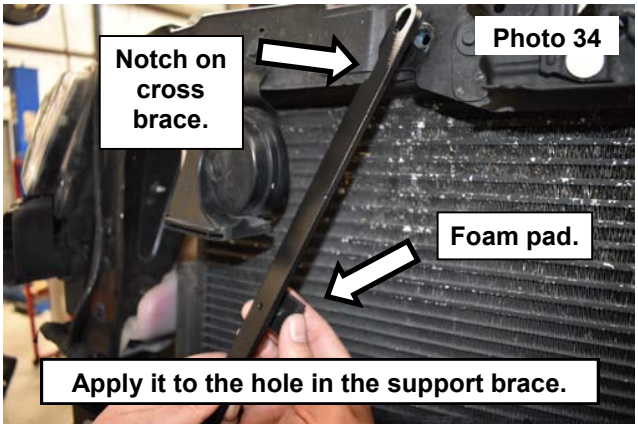
29. Torque the OE hardware installed into the winch plate brackets to 32 ft-lbs, use a 13mm socket. **See Photo 31.**
30. Install the 2 supplied power steering cooler line ties into the cooler 1/2” from the edge on the back side forward. **See Photo 32.**





31. Remove the backing from the foam pad and apply it to the hole in the support brace with the notch on the cross brace facing outward of the vehicle. **See Photos 33 and 34.**



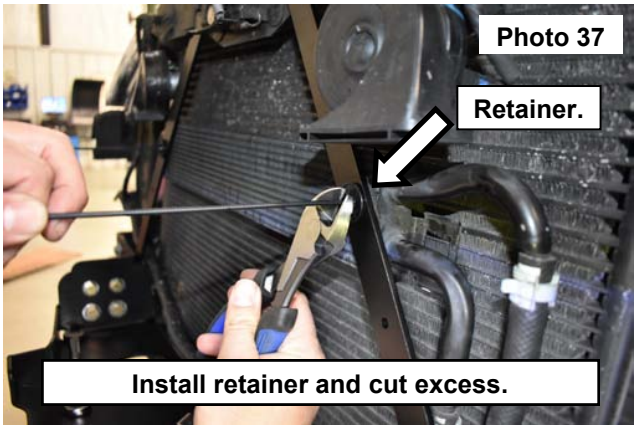


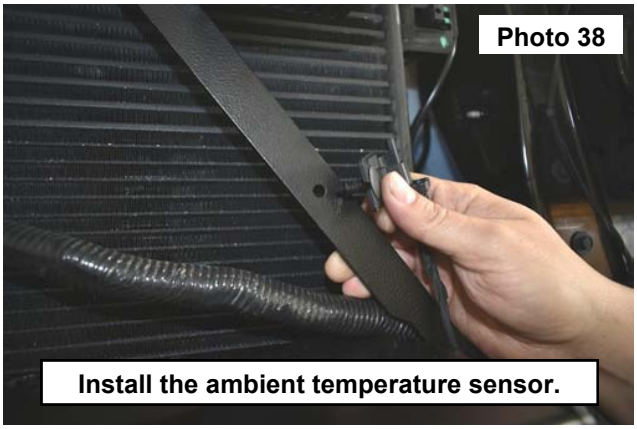
32. Install the power steering cooler line mounting ties into the holes on the cross braces on each side of the vehicle.
33. Install the cross braces on the top of the radiator support using the OE hardware, install the cross brace onto the winch plate side brackets using supplied 3/8-16 x 1 hex head bolt, 3/8 flat washers and 3/8-16 nylock nuts. **See Photos 35 and 36.** Torque to 30 ft-lbs. using a 9/16 wrench and socket.



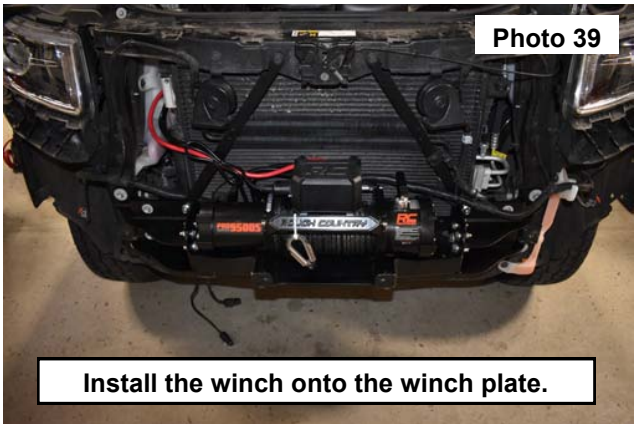


34. Install the retainer onto the power steering cooler tie, trim the excess tie from the front of the retainer. **See Photo 37.**
35. Install the ambient temperature sensor onto the cross brace. **See Photo 38.**



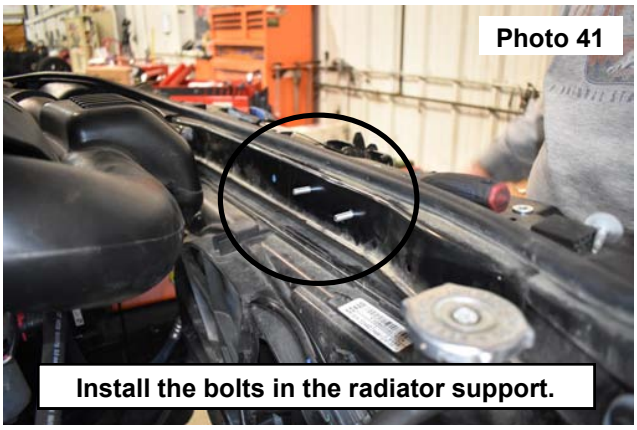


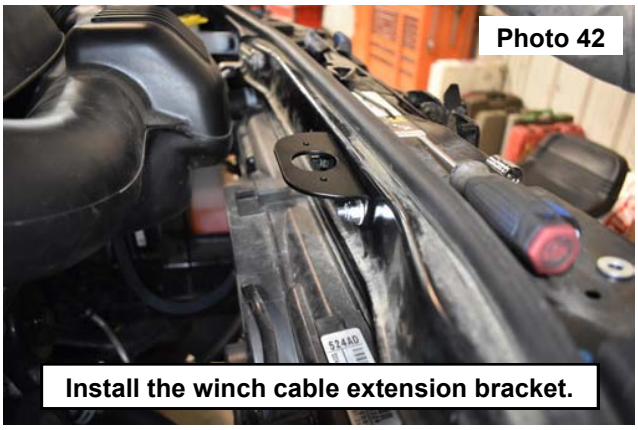
36. Install the winch into the winch plate, use the hardware included in the at kit, tighten using a 17mm socket. **See Photo 39.**
37. Using the supplied wire ties, secure the factory wiring harness away from the rotating parts of the winch. **See Photo 40.**



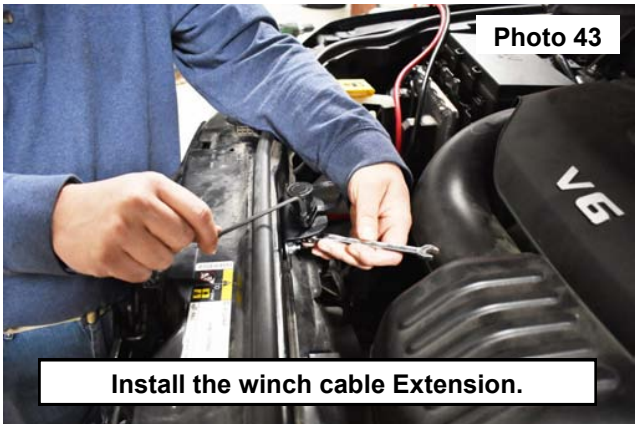


38. Install the supplied (2) 1/4-20 x 3/4 bolts and 1/4" flat washers in the radiator support. **See Photo 41.**
39. Install the winch cable extension bracket onto the radiator support, secure using the supplied 1/4-20 nylock nuts and 1/4" flat washers, tighten using a 7/16 wrench and socket. **See Photo 42.**



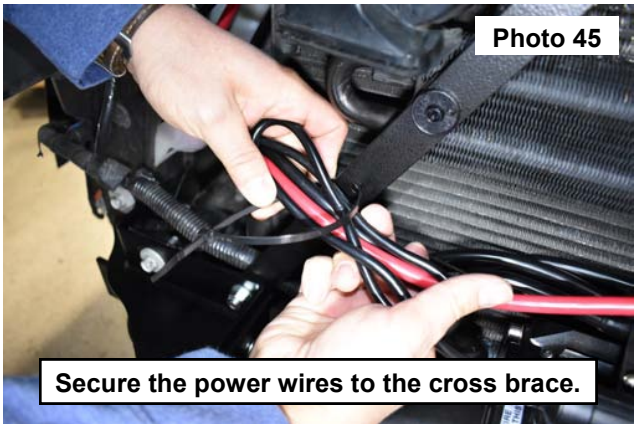


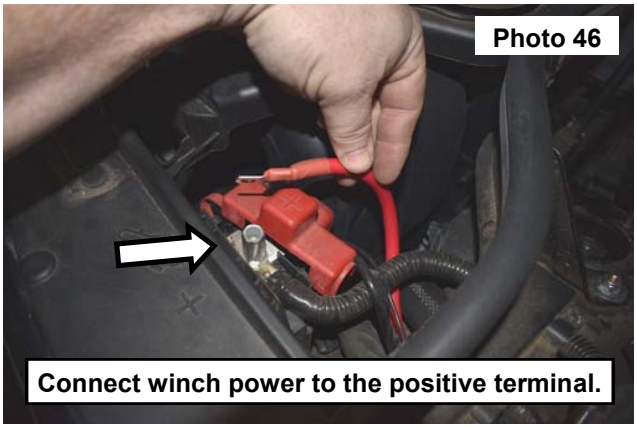
40. Install the winch cable extension into the bracket installed onto the radiator support, using the supplied #8-32 x 1 socket head bolt , #8 flat washer and a #8-32 nut. **See Photo 43.** Tighten using a 9/64 allen wrench and a 8mm wrench.
41. Connect the winch cable extension into the winch. **See Photo 44.**





42. Secure the winches power wires and the Extension lead, using the supplied wire tie into the hole on the cross brace. **See Photo 45.**
43. Route the winch power wires through the radiator support to the remote battery jump studs, use a 13mm wrench to remove studs and connect winch wiring. **See Photo 46 and 47.**





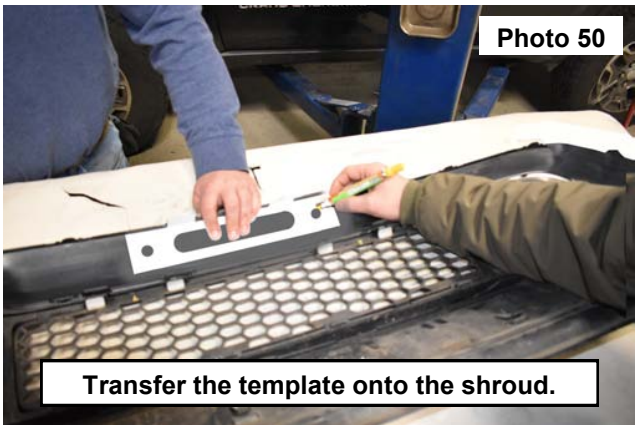
44. Remove twist clips from each side holding shroud to bumper. **See Photo 48.**



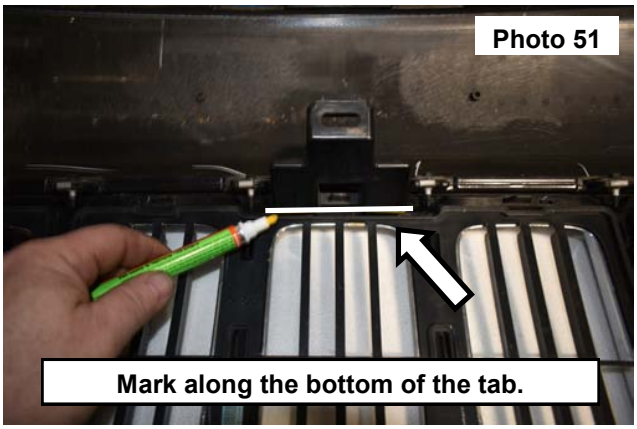


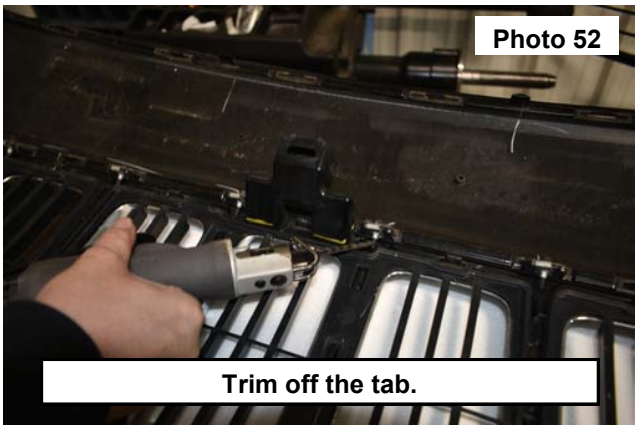
45. Release the tabs from the top side of the bumper removing the lower shroud, set the lower side in a safe place for modification. **See Photo 49.**
46. Place the template into the bumper aliening the tabs with the back side of the bumper, using a paint marker to transfer the bolt holes for the hawse fair lead 10” apart and mark the hole to be trimmed for the cable. **See Photo 50.**
47. Trim the marked area on the bumper and drill the 2 holes using a 3/4 drill.





48. Using a permanent marker, mark along the bottom of the tab on the back side of the bumper. **See Photo 51.**
49. Trim along the line marked on the back side of the bumper , using a body saw. **See Photo 52.**





50. Remove the tab, smooth the trimmed off surface, using a sander of a file. **See Photo 53.**
51. Install the shroud back onto the upper bumper cover, pressing the clips back into the bumper and installing the twist clips in each side of the bumper. **See Photo 54.**





52. Install the bumper cover back onto the vehicle, test fit the holes in the shroud with the winch plate and trim as necessary. **See Photo 55.**
53. Install the hawse fair lead onto the bumper shroud and the winch plate, using the supplied hardware in the winch kit. Tighten using an 19mm socket and wrench. **See Photo 56.**

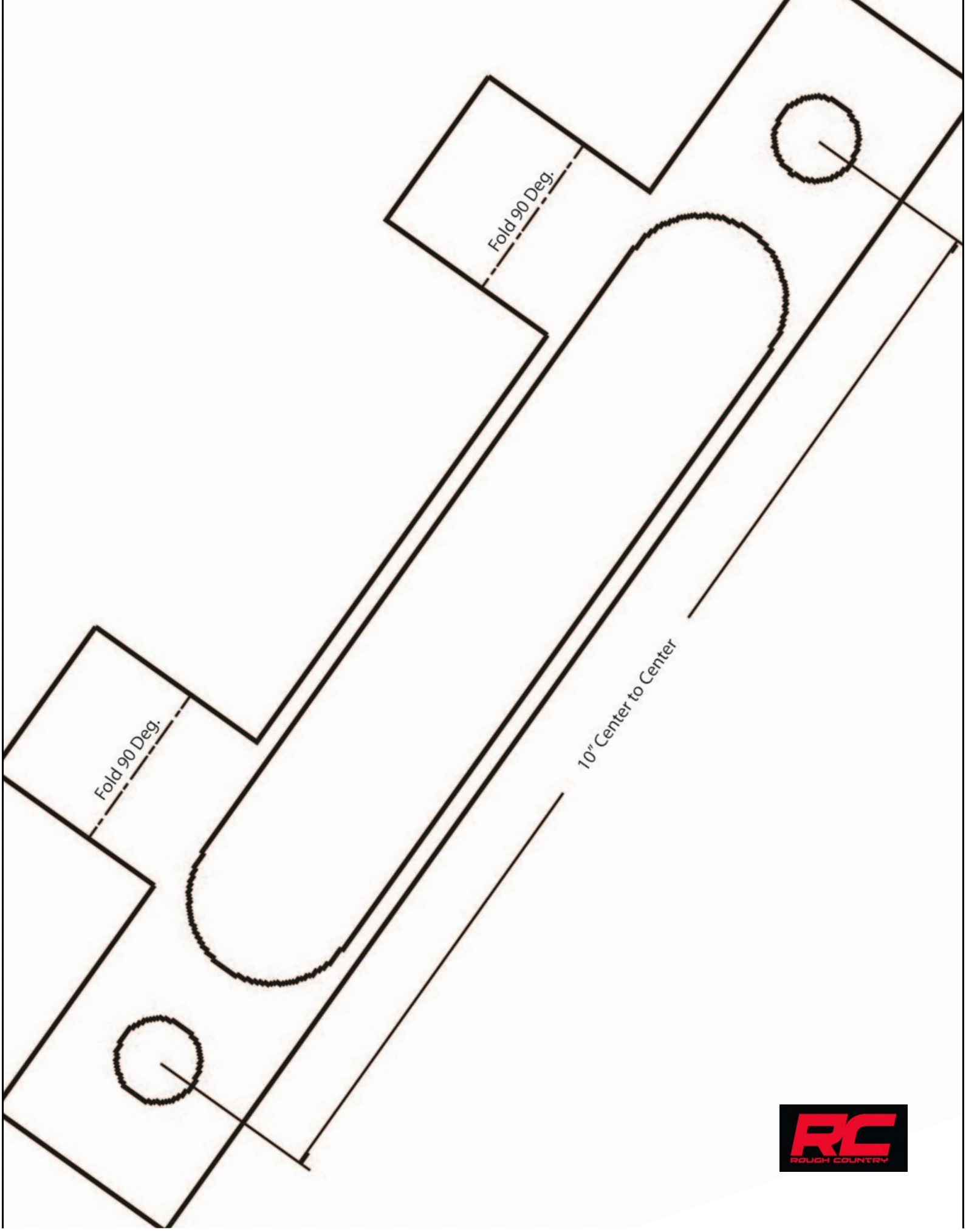




54. Install the hook and retaining pin, secure it with the supplied cotter pin. **See Photo 57.**



55. Reverse steps 1-11 to complete the installation of the bumper cover.


Fold 90 Deg.
Fold 90 Deg.
10" Center to Center

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