TRAIL FORTRESS

BUILT FOR THE TRAIL. CHECKED FOR YOUR TRUCK.

# Rough Country 11004 Installation Instructions

Hidden Winch Mounting Plate for 2014-2019 Silverado & Sierra 1500

Part number: 11004

trailfortress.com/hidden-winch-mounting-plate-silverado-sierra-1500-rough-country-11004

Scan for fitment, price and install help

ROUGH COUNTRY SUSPENSION SYSTEMS®

921110040

11004BAG

# CHEVY / GMC 2014-18 Hidden Winch Mount

**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.
Periodically check all hardware for tightness.

**KIT CONTENTS:**

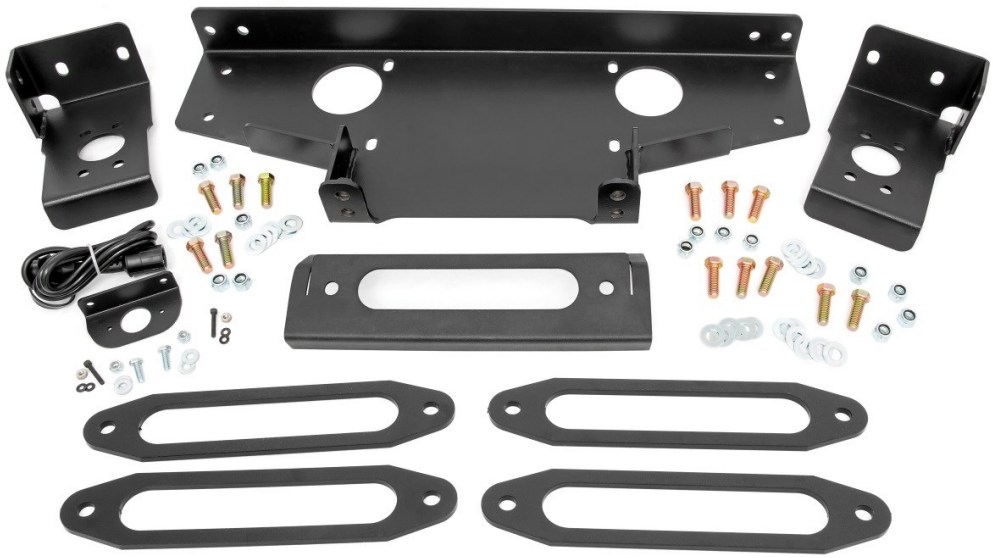
- Driver Side Bracket x 1
- Pass Side Bracket x 1
- Winch Plate x1
- Cover Plate x1
- Remote bracket x1
- Remote Wire Extension x1
- Hawse Fairlead Shims x4

**HARDWARE INCLUDED:**

- 7/16-14 x 1-1/4 Hex Head Bolts x13
- 7/16” Flat Washers x26
- 7/16-14 Nylock Nuts x13
- #8-32 x 1” Socket Head Bolts x2
- #8 Flat Washers x4
- #8-32 Nylock Nuts x2
- 1/4-20 x 3/4 Hex Head Bolts x2
- 1/4-20 Flat Washers x4
- 1/4-20 Nylock Nuts x2
- 12mm-1.75 x 50mm x2

**TOOLS NEEDED:**

- T15 Torx Bit
- 7mm Socket
- 10mm Socket
- 15mm Socket
- 17mm Socket
- 18mm Socket
- 19mm Socket
- 21mm Socket
- 5/8 Wrench and Socket
- 7/16 Wrench and Socket
- 3/8” Transfer Punch
- Reciprocating Saw
- Auto Trim Puller
- Cut off Wheel
- Spray Paint
- 1/2” Drill Bit
- Drill Motor
- Soft Cloth
- Paint Pen
- Hammer
- Ratchet
- Sander

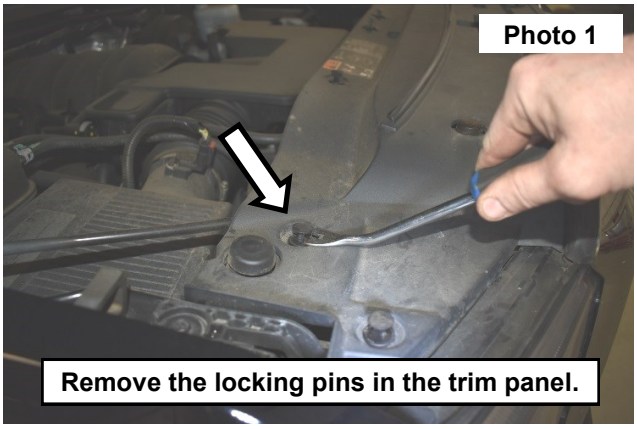


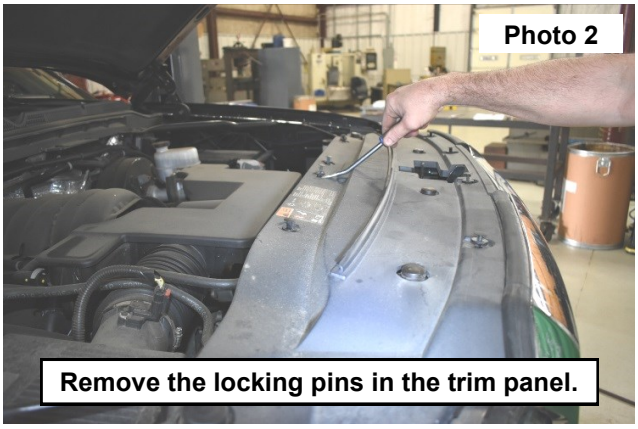
**Torque Specs:**

| 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 12 plastic locking pins in the top of the trim panel using a auto trim puller. Retain the locking pins. **See Photos 1 and 2.**



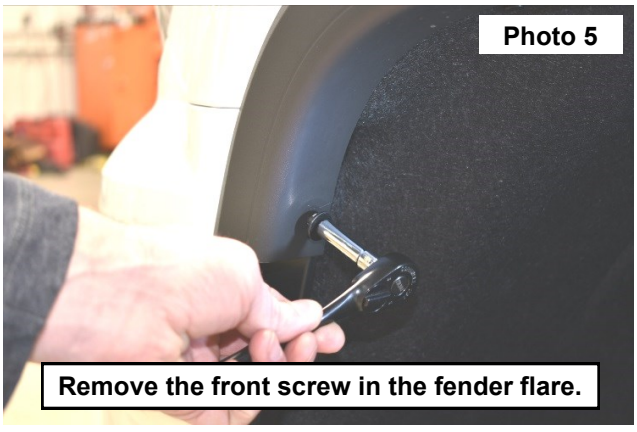

2. Remove the trim panel. Set aside in a safe place. **See Photo 3.**
3. Using a 10mm socket remove the (4) bolts from the top of the grille. **See Photo 4.**





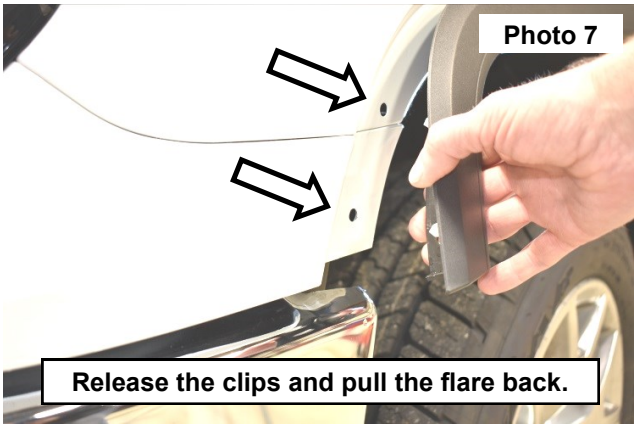


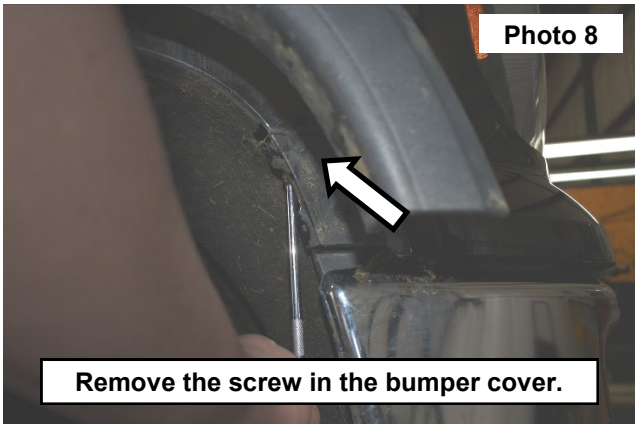
4. Using a 7mm socket remove the front screw in the fender flare on each side of the vehicle. Retain hardware. **See Photo 5.**
5. Using a T15 torx bit to remove the front top screw in the fender flare on each side of the vehicle. Retain hardware. **See Photo 6.**





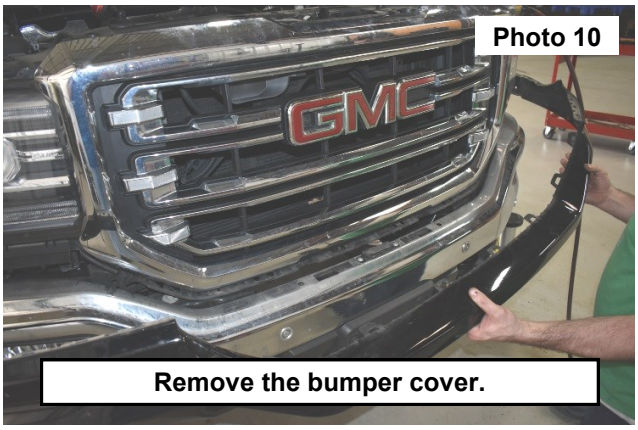

6. Use an auto trim puller to release the clips attaching the flare to the fender. **See Photo 7.**
7. Use an 7mm socket to remove the screw in the bumper cover. **See Photo 8.**



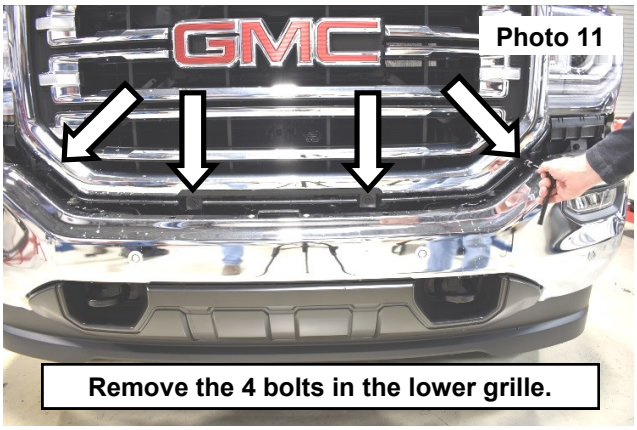




8. Using an auto trim puller and a soft cloth to prevent scratching. Release the (8) clips in the bumper cover from the grille. **See Photo 9.**
9. Remove the bumper cover from the vehicle, set aside in a safe place. **See Photo 10.**



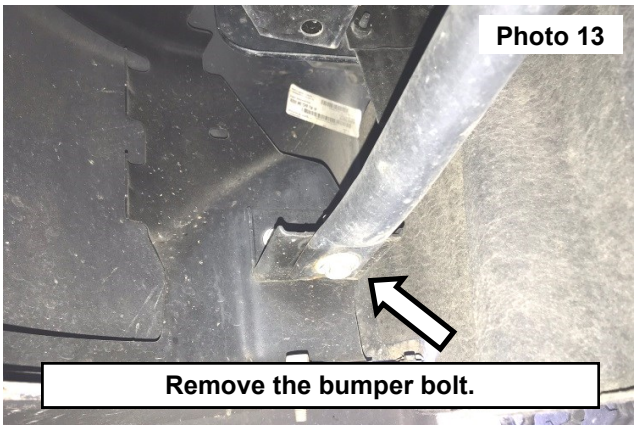



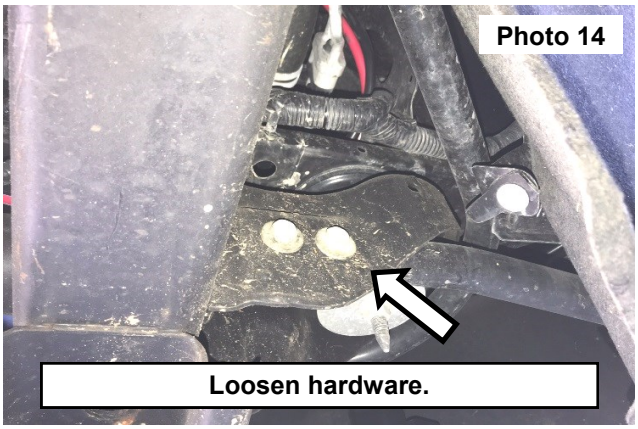

10. Use a 10mm socket to remove the 4 bolts in the lower grille mount. **See Photo 11.**
11. Remove the grille from the vehicle, set aside in a safe place. **See Photo 12.**



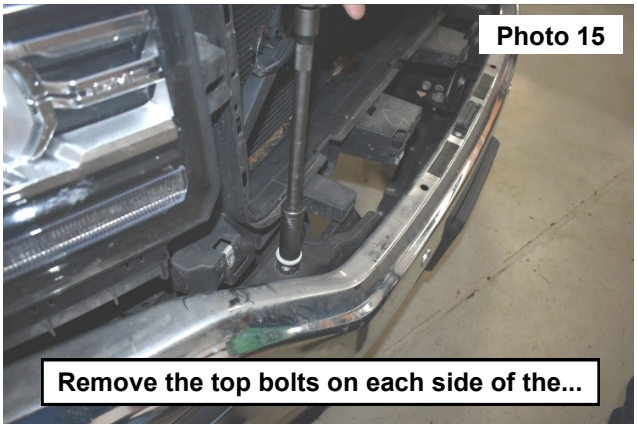


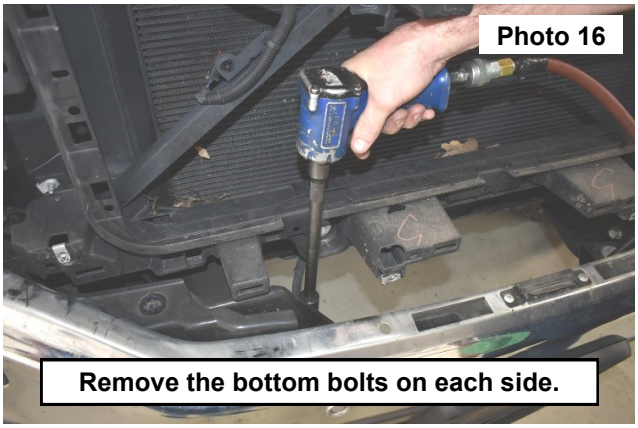

12. Use a 15mm socket to remove the bumper brace bolt on each side of the bumper. Retain hardware. **See Photo 13.**
13. Only loosen the 2 bumper brace bolts using a 15mm socket. **See Photo 14.**



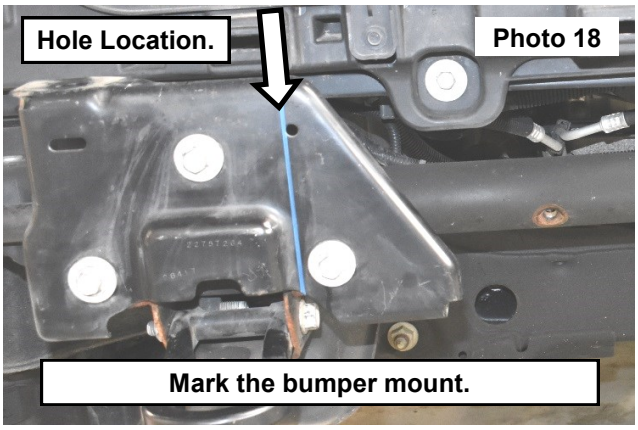

14. If equipped unplug the fog lights wiring harness on each side of the vehicle.
15. Using a 21mm socket remove the 4 bolts from the frame mounts. **See Photos 15 and 16.**



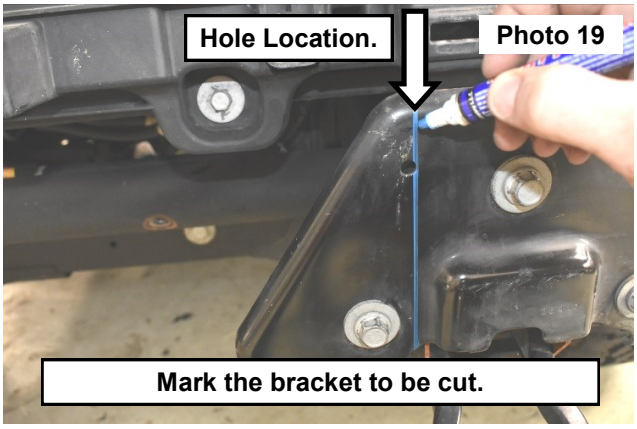




16. Remove the bumper from the vehicle. Set aside. **See Photo 17.**
17. Using a paint pen, mark the passenger side bumper mount on the inside of the hole, top to the bottom of the mount. **See Photo 18.**



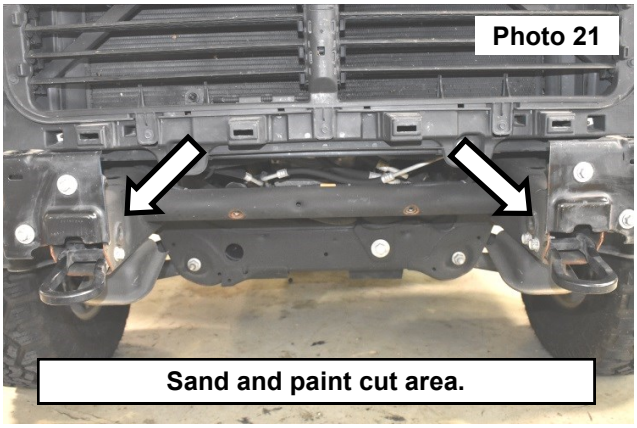
18. Using a paint pen, mark the driver side bumper mount on the inside of the hole, top to the bottom of the mount. **See Photo 19.**
19. Using a reciprocating saw or a cut off wheel remove the marked area of the driver and passenger bumper mounts. **See Photo 20.**

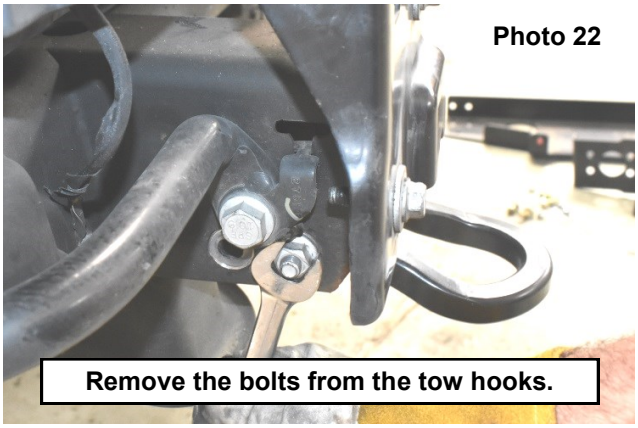




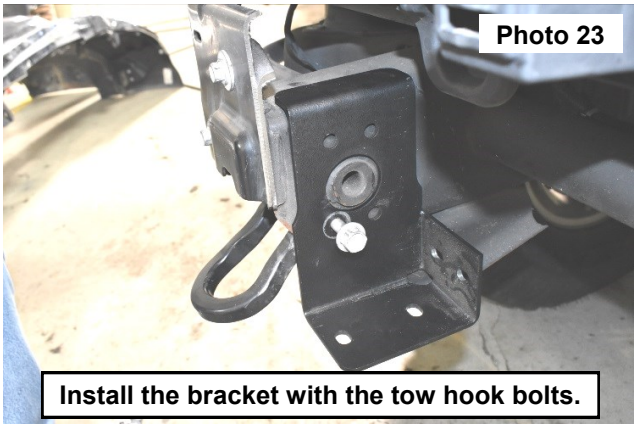


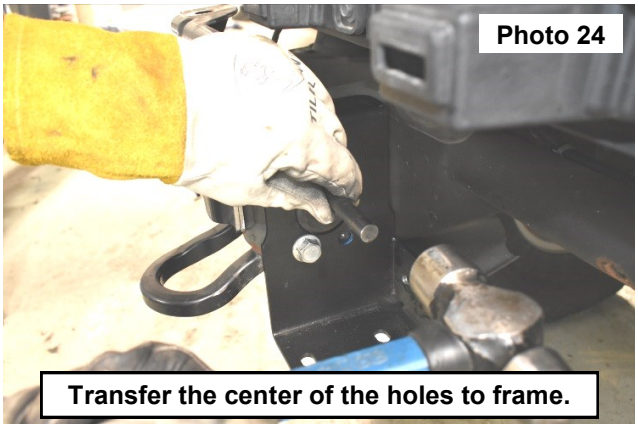
20. Sand any rough edges off the bumper mounts. Then use a color match paint to prevent rust. **See Photo 21.**
21. Remove the 2 bolts in the tow hooks using a 18mm wrench and socket. Do not remove tow hooks. Retain hardware for reuse. **See Photo 22.**



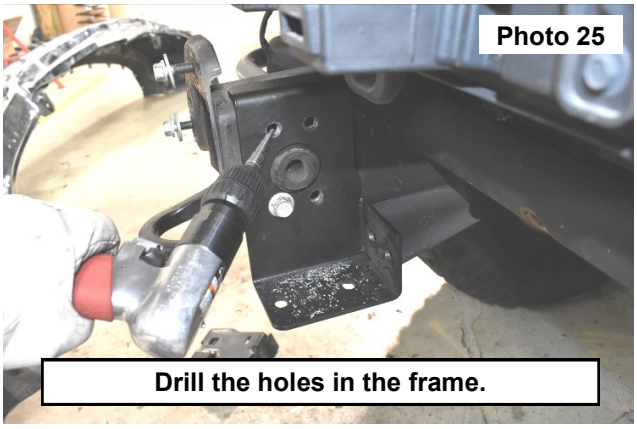



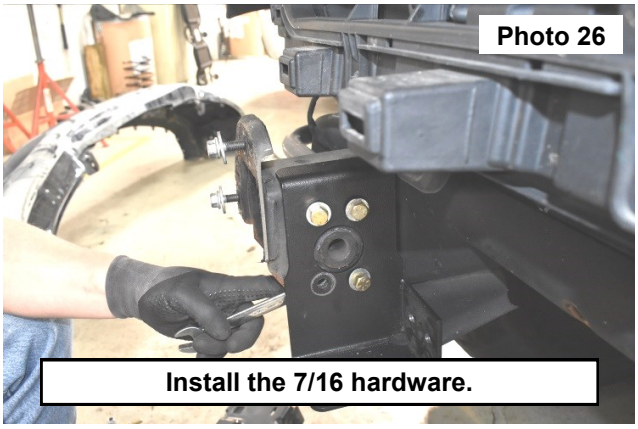

22. Install the outer brackets on the driver and passenger side. Secure using the hardware removed from the tow hooks. **See Photo 23.**
23. Use a 1/2” transfer punch to locate and mark the center of the holes in the bracket onto the frame end. **See Photo 24.** Repeat this process on the opposite side.



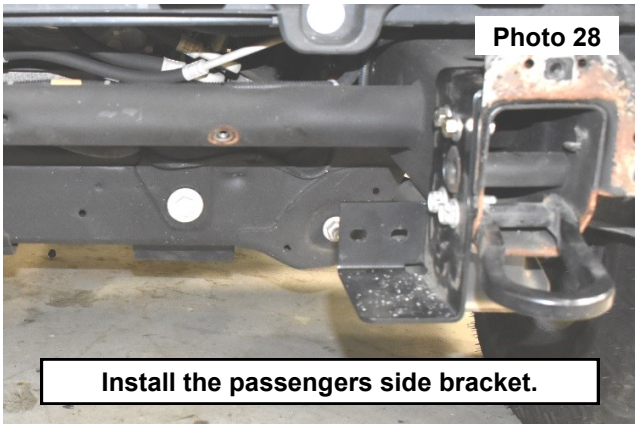
24. Use a 1/2” drill bit to drill through the frame. **See Photo 25.** Repeat this process on the opposite side.
25. Remove the tow hook temporarily using an 18mm wrench and socket to install the supplied hardware.
26. Install the (3) of the supplied 7/16-14 x 1-1/4 hex head bolts, (6) 7/16” flat washers and (3) 7/16-14 nylock nuts in the driver side bracket. Tighten using a 5/8 wrench and socket. **See Photo 26.**



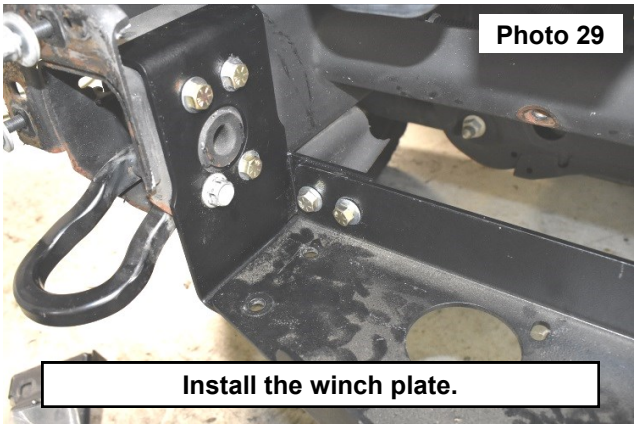



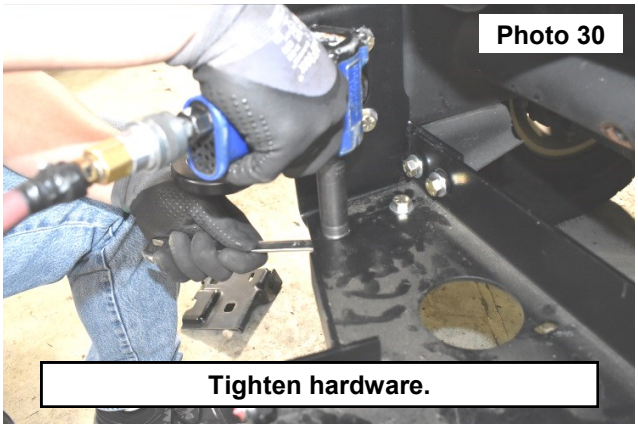

27. Install the tow hook using the OE hardware. Tighten using a 18mm wrench. **See Photo 27.**
28. Install the (2) of the supplied 7/16-14 x 1-1/4 hex head bolts, (4) 7/16” flat washers and (2) 7/16-14 nylock nuts in the top 2 holes in the passengers side bracket to the frame. Tighten using a 5/8 wrench and socket. Then install the tow hook using the OE hardware. Tighten using a 18mm wrench. **See Photo 28.**



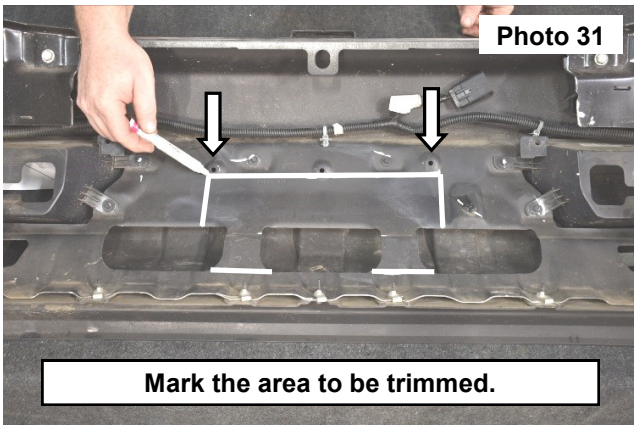

29. Install the winch plate onto the brackets and secure using (8) of the supplied 7/16-14 x 1-1/4 hex head bolts, (16) 7/16” flat washers and (8) 7/16-14 nylock nuts. Tighten using a 5/8 wrench and socket. **See Photos 29 and 30.**

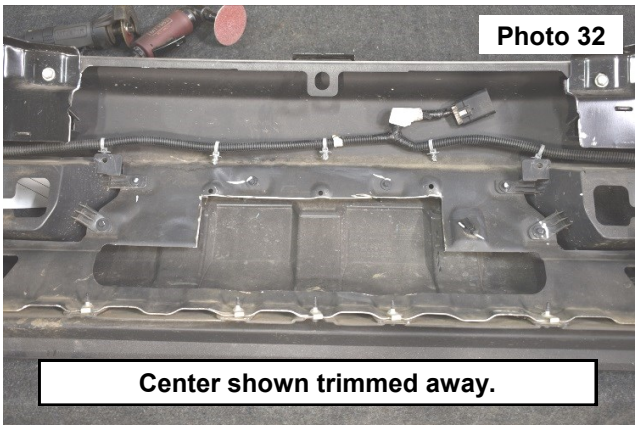


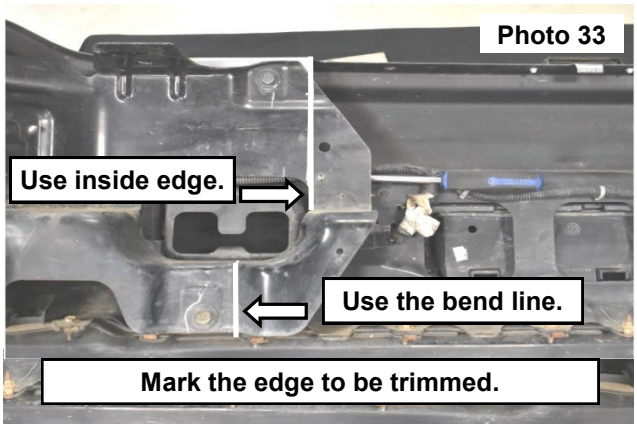
**⚠NOTICE** Due to the variances in each bumper and bumper brackets between the Chevy and GMC Trucks the bumper will need to be installed to confirm fairlead location ensuring there is no interference with the steel portion of the bumper and also to verify the area that will need to be removed so that the winch plate does not come in contact with the bumper.

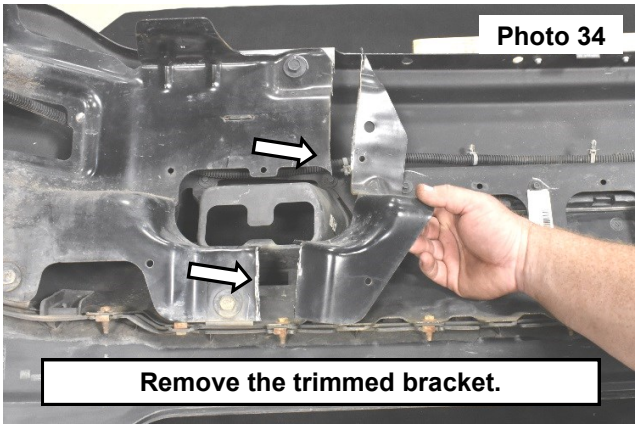
30. Mark a straight line just under the divot / hole in the bumper. Then mark the 2 lower tabs attached. Trim the center out of the front bumper using a cutoff wheel. Do not cut outside shroud. **See Photos 31 and 32.**
31. Sand and paint any cut areas to prevent rust.



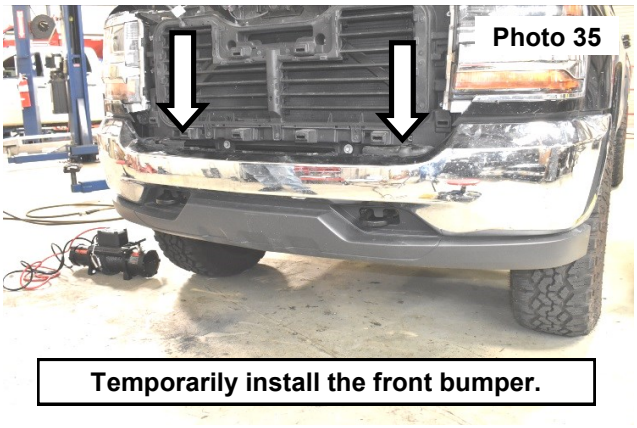




32. Using a paint pen to mark the lines to be cut. Trim the inside of the bumper brackets, using the inside line of the tow hook hole and the lower bend in the bracket. **See Photo 33.**
33. Using a cut off wheel trim the bracket off. Do not cut into the outer bumper or outside shroud. **See Photo 34.**
34. Sand and paint any cut areas to prevent rust.



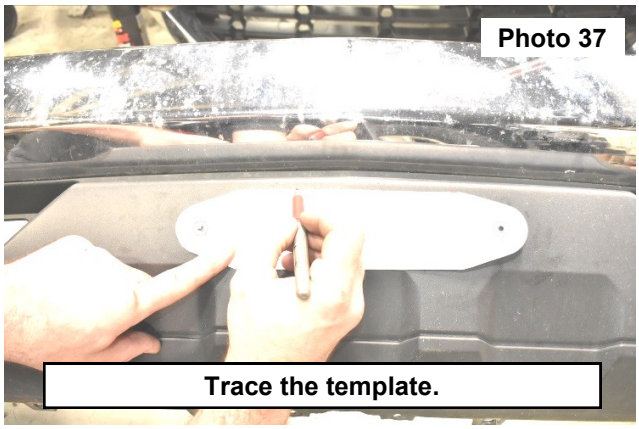




35. Temporarily install the front bumper aligning the top 2 bolts on the driver and passenger side. **See Photo 35.**
36. Depending on the style of the front shroud use the top or bottom holes to mount the hawse fairlead. Using a 3/8 transfer punch to find center in the top or bottom hawse fairlead welded nuts. Lightly tap to indent the front of the air shroud to identify the correct location. **See Photo 36.**





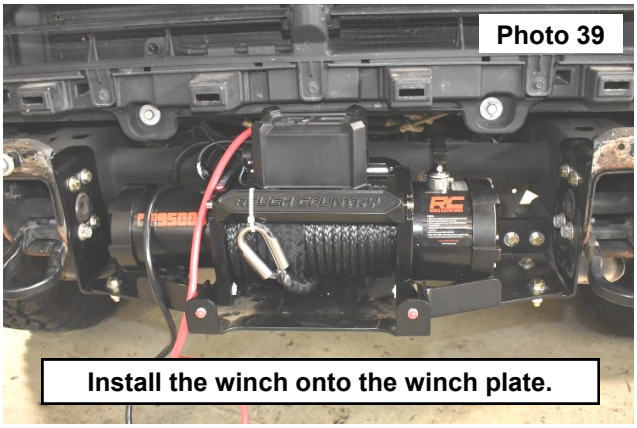

37. Use the template to determine the desired position of the hawse fairlead. Then trace the template onto the shroud and prepare to trim to the inside of the marked line. Then sand to fit. **See Photo 37.**
38. Remove the bumper. Then use a reciprocating saw to trim the opening into the shroud. **See Photo 38.** Sand any rough areas. Test fit the hawse fairlead into the hole if needed.

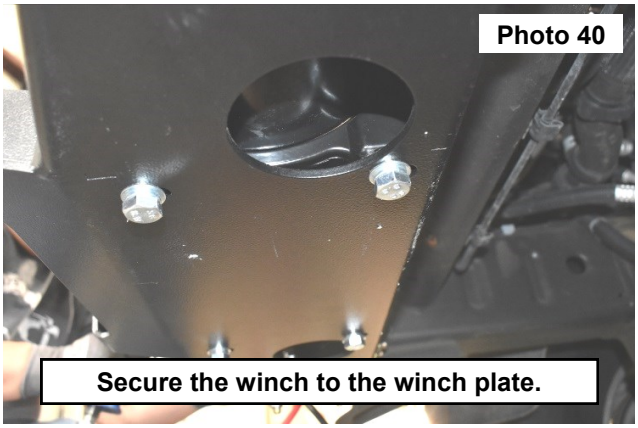






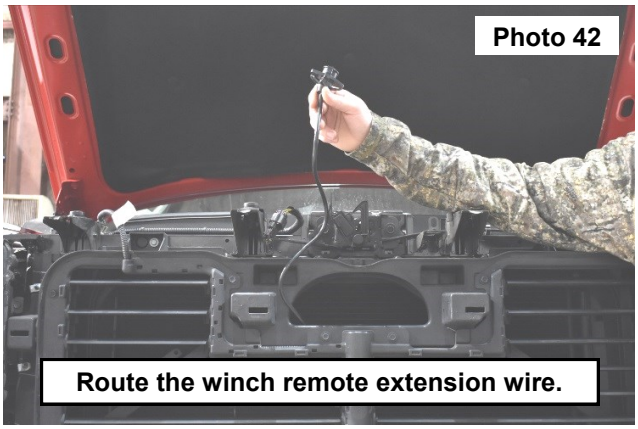
39. Install the square nuts into the openings in the mount of the winch. Then install the winch onto the plate and secure using the supplied hardware. Tighten using 17mm socket. **See Photos 39 and 40.**
40. Connect winch to the vehicles power supply.



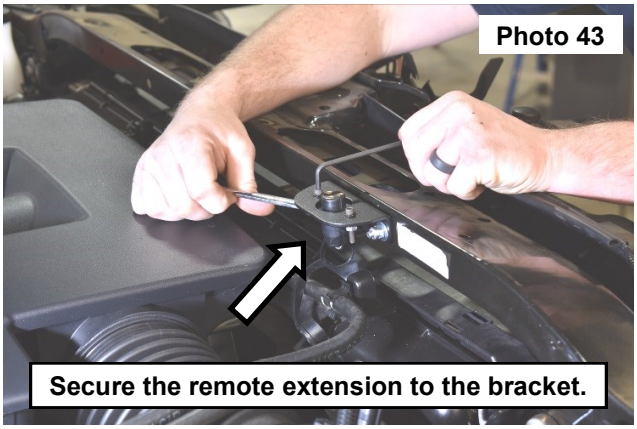



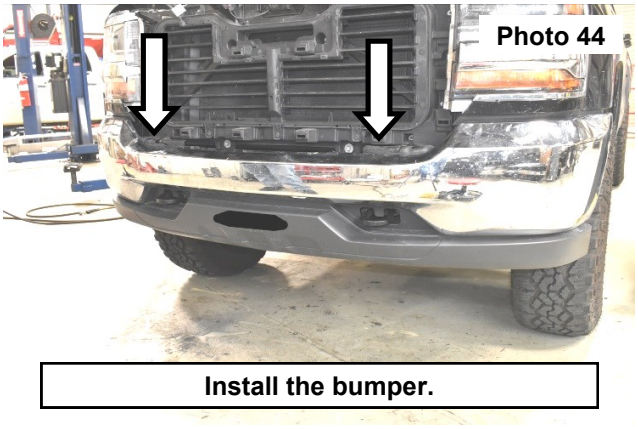

41. **NOTE:** Use the existing hole to the passengers side of the bracket. Install the winch remote extension mount onto the radiator support using (1)  of the supplied 1/4-20 x 3/4 hex head bolts, (2) 1/4" flat washers and (1) 1/4-20 nylock nut. Tighten using a 7/16 wrench and socket. **NOTE:** The new hole will be drilled to the driver side using a 1/4" drill bit. **See Photo 41.**
42. Use the supplied 1/4" hardware to secure the driver side hole.
43. Install the winch remote extension wire connecting it to the winch then routing it out of the way of the grille shutter system to the installed mounting bracket. **See Photo 42.**



44. Secure the remote extension to the bracket using (2) of the supplied #8-32 bolt, (4) #8 flat washer and (2) #8-32 ny-lock nuts. Tighten using a 9/64 allen wrench and a 10mm wrench. **See Photo 43.**
45. Install the bumper onto the vehicle using the OE hardware. Tighten using a 21mm socket. **See Photo 44.**
46. Reverse steps 1-17 to re-install the front grill and other trim panels.



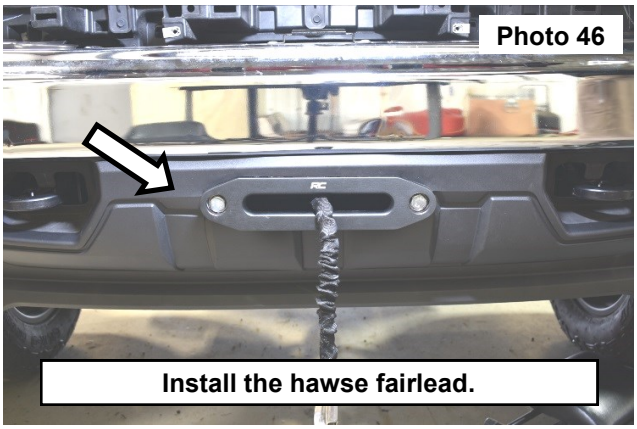

47. Install 1-4 spacers to set the desired depth of the hawse fairlead. Secure using (2) the supplied 12mm-1.75 x 50mm hex head bolts to secure. **See Photos 45 and 46.**

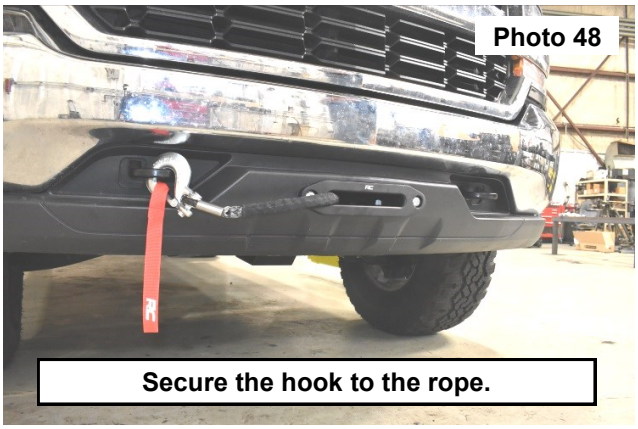






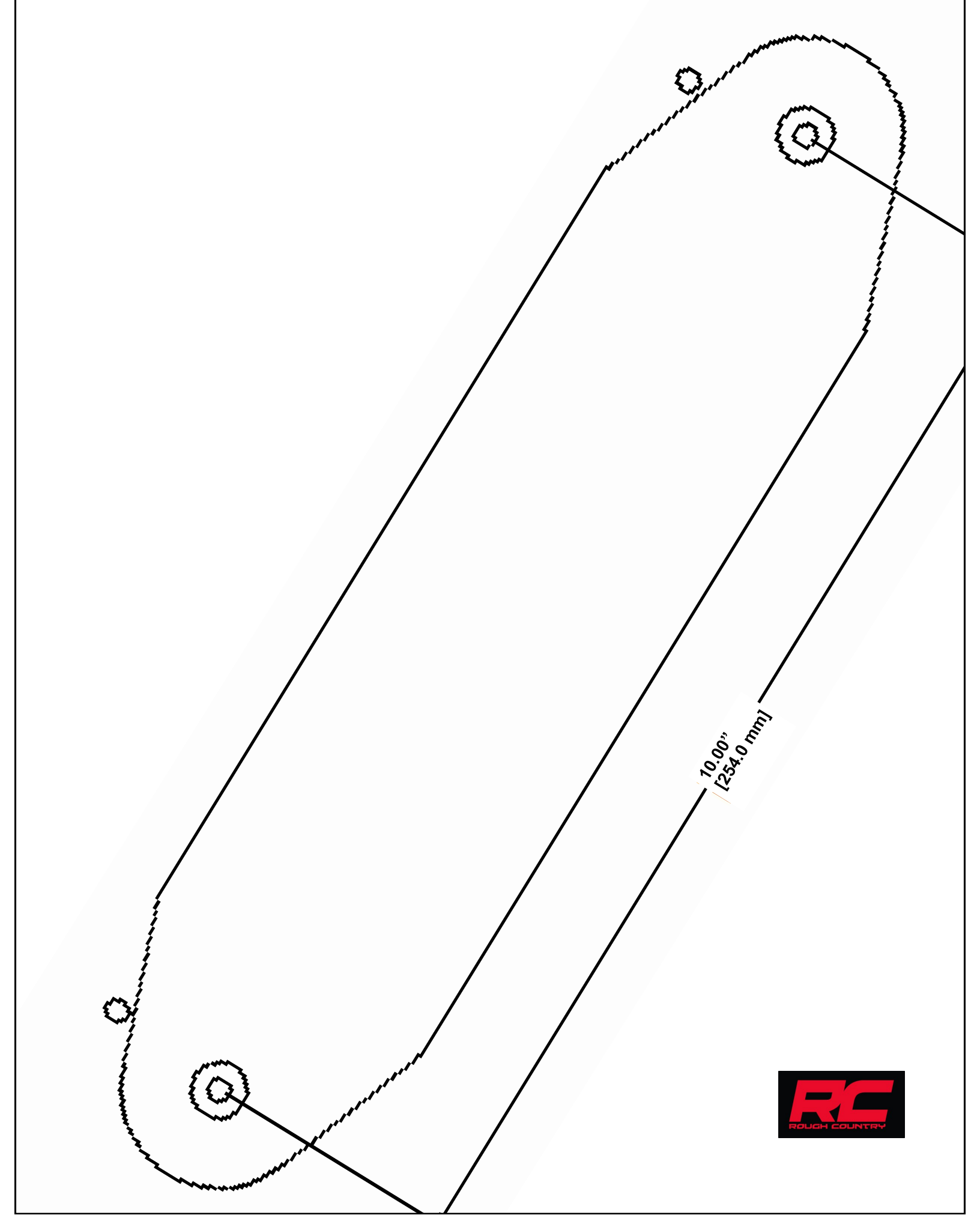
48. Once the desired hawse fairlead depth is set tighten using a 19mm socket. **See Photo 47.**
49. Secure the hook to the rope using the supplied pin and cotter pin. **See Photo 48.**




By purchasing any item sold by Rough Country, LLC, the buyer expressly warrants that he/she is in compliance with all applicable, State, and Local laws and regulations regarding the purchase, ownership, and use of the item. It shall be the buyers responsibility to comply with all Federal, State and Local laws governing the sales of any items listed, illustrated or sold. The buyer expressly agrees to indemnify and hold harmless Rough Country, LLC for all claims resulting directly or indirectly from the purchase, ownership, or use of the items.


RC
ROUGH COUNTRY


10.00”
[254.0 mm]