

Lund Bull Bar w/ 20 in. LED Light Bar - Black (04-16 All, Excluding Raptor)

Approximate install time - 1 hour

Tools required

- 7/16" socket
- 12mm socket
- 8mm socket
- 10mm socket
- supplied allen key
- 5/8" box wrench or socket
- Ratchet
- Ratchet extension
- Torque wrench - optional
- Safety glasses

Parts list included

Quantity	Description
1	3.5IN Bull Bar
1	Driver side frame bracket
1	Passenger side frame bracket
2	Bull bar mounting brackets
1	LED light bar
4	12mm x 40mm bolt plates
4	12mm x 32mm OD x 3mm flat washers
4	12mm lock washers
4	12-1.75mm hex nuts
2	10mm u-bolts (for use on "closed frames" only)
4	10-1.50mm x 35mm hex bolts
12	10mm x 27mm OD x 3mm flat washers
8	10-1.50mm nylon lock nuts

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4	8-1.25mm x 35mm hex bolts
4	8mm x 22mm OD x 2mm flat washers
4	8mm lock washers

1. Park vehicle, turn off engine and engage the parking brake
2. Be sure to wear safety glasses for the entire install as loose debris and dirt on the underside of the vehicle can dislodge and fall into your eyes
3. Lay out all parts from shipping box and organize what you need.



4. Remove front license plate, if applicable, and bracket - The bracket pops out of the bumper when you flex the four corners of the bracket so it can release
5. Remove the front valance from below the front bumper to gain access to the bolts for the tow hooks

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For this step you will use the 7/16" socket and wrench. There is one bolt per side and the valance just drops down.

6. Remove tow hooks



You will need the 5/8" box wrench for this step. There are two bolts per tow hook. The front bolt is easily accessible and the rear bolt is more difficult to reach. You will need the 5/8" box wrench for the rear bolt.

7. Set the bull bar upside down and locate the slot for the LED light bar.



This is where you will insert the LED light bar before mounting the bull bar to the vehicle

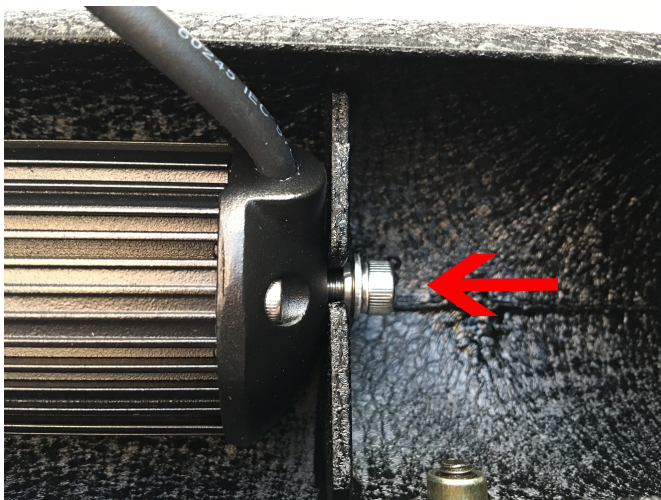
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8. Using the supplied hardware that comes with the LED light bar, insert the bolt, lock washer and washer on the bolt and then insert the bolt into either end of the LED light bar



This is what it should look like. Be sure not to fully tighten the bolt until the LED light bar is seated in the slot, in the bull bar itself

9. After you insert both bolts in to the LED light bar, gently place the LED light bar into the allotted slot in the back of the bull bar



Once the LED light bar is inserted, tighten the bolts with the supplied allen key, but do not overtighten

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10. Next, using the original bolts that were used to affix the tow hooks, install the driver side frame bracket and passenger side frame bracket in place of the tow hooks.



Please note that the passenger and driver side frame brackets are marked with either a “D” or a “P” for each respective side. Also, be sure to mount the bracket with the “D” or “P” facing inward on the vehicle.

11. Next, mount the driver side and passenger side bull bar mounting brackets to the bull bar using the supplied 8mm x 35mm hex bolts, 8mm lock washers and 8mm flat washers



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12. Once you have attached the bull bar mounting brackets to the bull bar, be sure not to completely tighten the bolts. You will want to leave them a little loose so you can center the bull bar onto the frame brackets easily

13. Mount the bull bar to the frame brackets, starting by inserting the 10mm x 35mm hex bolts and 10mm flat washers into the back slot holes in the frame brackets first



You will want to use the back bolt holes first, so you can pivot the front of the bull bar forward when you install the remaining bolts.

14. After you have the 10mm x 35mm hex bolts and 10mm flat washers inserted through the bull bar mounting brackets and frame brackets, use the supplied 10mm flat washers and 10mm nylon lock nuts to finish securing the bolts to the bull bar. Do not over tighten these bolts, as you want to leave them a little loose to pivot the front of the bull bar up into position

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15. Once the front of the bull bar is in position, attach it with the remaining hardware and tighten all bolts, but do not over tighten the bolts



This is what it should look like once all bolts are tightened

16. Next, replace the valance on the underside of the vehicle, using the 7/16" socket and wrench and do not over tighten the bolts

17. Make sure all bolts are tight, but not over tightened

18. For wiring instructions for the LED light bar, refer to the instructions with the wiring harness/kit that can be purchased separately

19. Admire your new bull bar



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