

## DV8 Offroad TCJL-03

### 2018+ JL Tire Carrier Reinforcement Plate

(Recommend up to a 37" tire)

1. Begin by removing factory tire carrier assembly from JL.
  - a. Be sure to keep all factory components since you will utilize some from factory carrier.
2. Once factory carrier is removed, you will need to trim factory tailgate exhauster so that they are flush. You do not need to grind them flat. Only remove tabs.



3. Open your new TCJL-03 and inspect all items prior to installation.
4. With the rear door of the Jeep closed and latched, begin to remove the (4) four factory torx bolts.
  - a. As you remove them, the hinges will pull away from the door. Don't be alarmed, just be sure not to open or move the rear door.



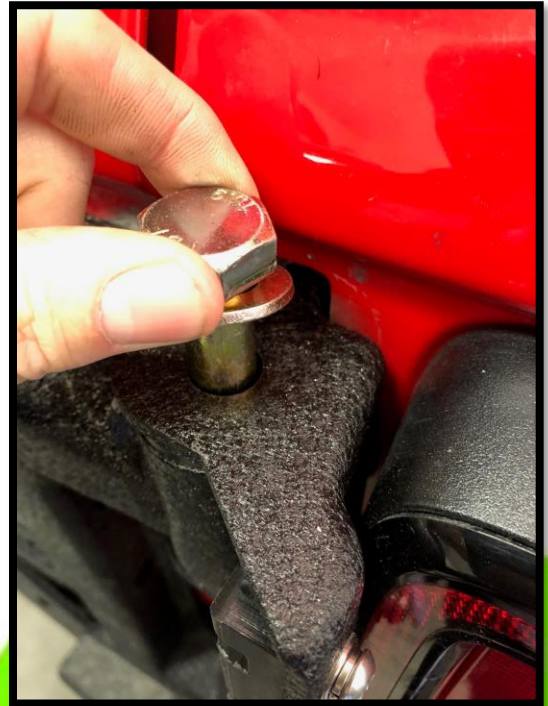
5. On the passenger side, remove interior panel that surrounds the rear hatch closing mechanism and wiring.
  - a. Take care not to break tabs holding enclosure to vehicle.



6. Remove the (6) bolts holding the factory hinges in place. Keep the bolts since you will reuse them. Install the new TCJL-03 replacement mounts. Use blue locktight on the (6) bolts. Keep these hinges loose for now.



7. Install the new carrier onto the hinges. Using the included delrin bushings and stainless sleeves, slide the carrier into the hinges and secure with provided bolts and washers.

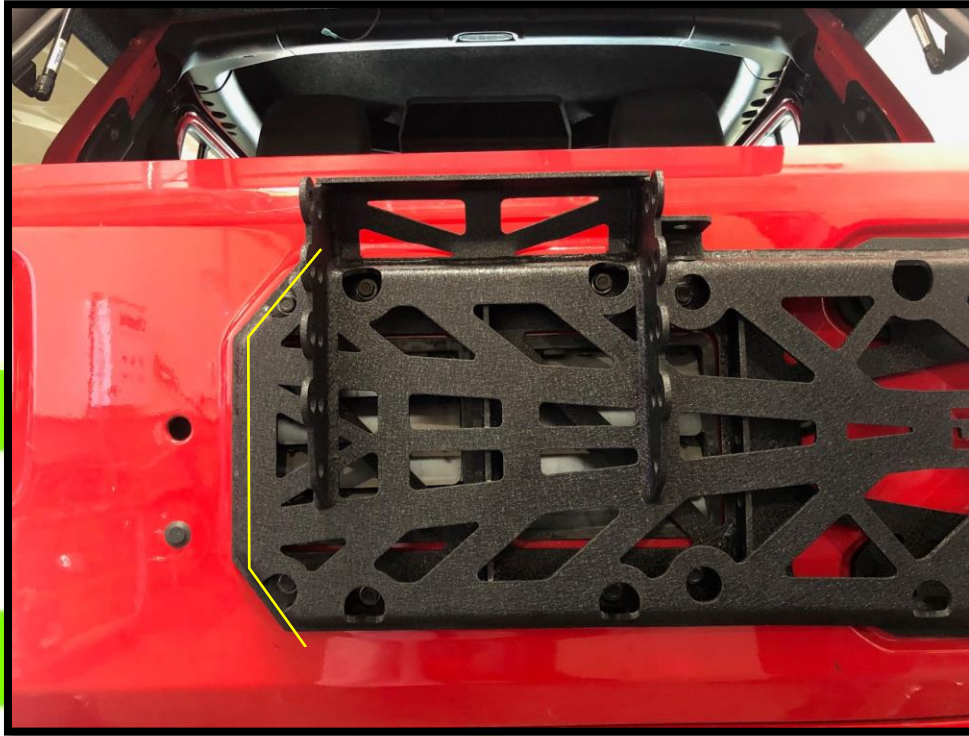


8. Place spacer on gate, close carrier onto spacer and gate. Using provided hardware, on the (4) bolt holes over the spacers, and then use factory hardware on the (8) holes around the vents.
- This is much easier with another set of hands.



9. With the carrier centered on the door, tighten the carrier to the door. Open the rear hatch along with the carrier until the door is perpendicular to the rear bumper. Lift up from the bottom of the door until the door is slightly angled up. Tighten the (6) bolts to 65ft lbs.

a. NOTE: The amount of angle needed on the door will vary based on tire and wheel weight. Expect the weight to pull down on the door slightly.



10. Remove the factory third brake light from original tire carrier by removing the (4) screws.

a. Replace this onto new DV8 tire carrier.



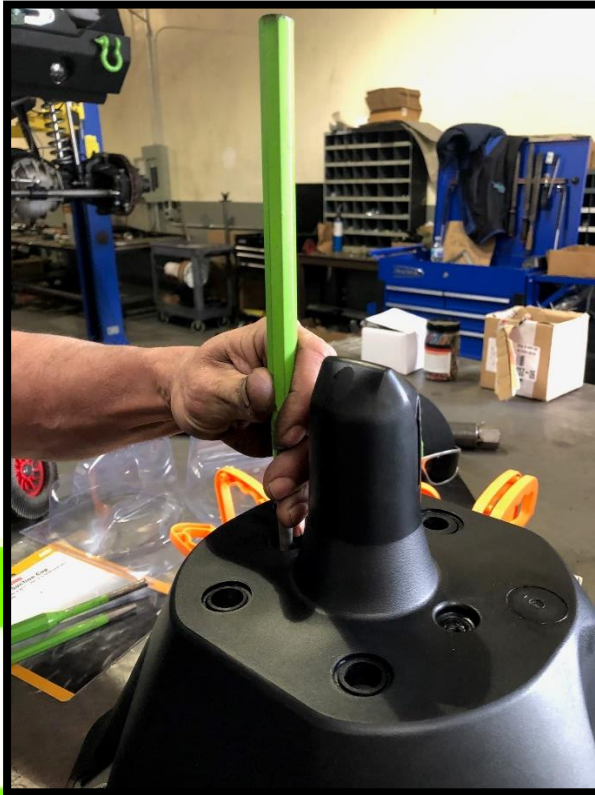
11. If you are running a rear camera you will utilize the factory camera bracket (plastic) and the provided camera enclosure. If you do not have a camera, you will utilize the block off plate.



12. Remove the factory stud plate by undoing the two screws on the factory tire mount.



13. Using a punch, lightly tap out the factory camera mount. NOTE: This is plastic and so be careful and punch out the two holes in the center equally.



14. If using a camera, place factory camera mount and camera (plastic) through holes. Place factory stud plate behind it. Secure using factory screws.



15. Using the provided camera enclosure, cover the camera and bolt using supplied flush mount allen head bolts.

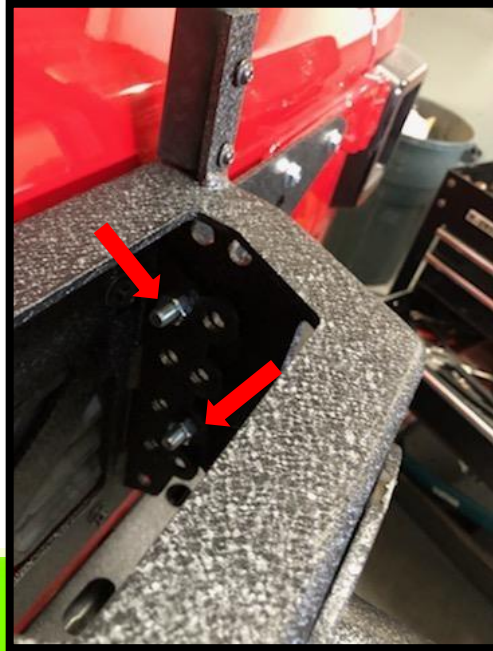


16. Place entire assembly on spare tire and attach using stock lug nuts. Take entire assembly and tire, and hold it up to carrier. Since there is many holes for adjustment, find what ones best fit your tire size.

a. Mark which (4) four holes will be used on carrier. Note: This is much easier with assistance.



17. On each side of the carrier, place one bolt at the highest point on one row of holes, and one at the lowest point of connection with the tailgate plate and tire mount on the other row.



18. Tighten down (4) four tire mount bolts. Ensure all hardware is secure. Install plastic bumps on side of carrier. Plug in camera and third bracket light. Attach tire and test door.

