

# DV8 Offroad Bumper Mounted Tire Carrier TCJL-06 for RBJL-01 and RBJL-06

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



3. Open your new TCJL-06 and inspect all items prior to installation.
4. With your RBJL-01 or RBJL-06 bumper installed, begin by installing the main support post in the bumper. Ensure this post is very tight.
  - a. Once installed, place the round powder-coated spacer on the post



5. Install the bottom race, bearing, and seal into carrier. The race will face with the bevel edge down, then the bearing, and then the seal as shown. NOTE: Ensure that the race is fully seated in the carrier or the carrier will not fit properly.



6. Place carrier on post making sure that it is bottomed out on the spacer.
- Place second race into top carrier until fully seated. Then place bearing over post and into race. Install provided washer and top nut. Tighten bolt until secure. Be sure to tighten until carrier has no slack in arm and opens and closes easily. **Grease top and bottom bearings.**
  - NOTE: Do not over tighten the carrier top bolt. This can cause premature failure of bearings.





7. Place rubber cap on top of carrier arm.
8. Locate the rear hatch plate and the plastic stop. Install the stop on the hatch plate using supplied hardware.
  - a. Using factory bolts, install hatch plate onto Jeep. On each bolt hole, using supplied washers, space the plate out with (2) two washers to clear factory exhausters.



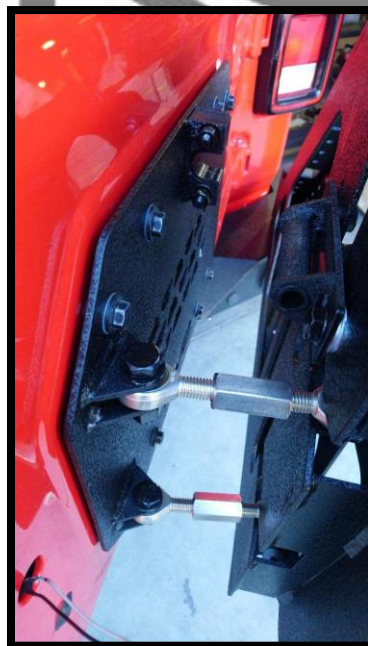
9. Install the carrier stopper onto the carrier as shown using provided hardware.



**10. Install heims onto carrier door. With the door closed and parallel with the rear hatch plate, adjust heims so that they line up with tabs on rear hatch plate.**



**11. Once installed, if there is any play on the carrier when the hatch is closed, either the heims need to be adjusted inwards, or you can space the stopper on the carrier arm with one or two washers so there is a firm fitment when closed.**

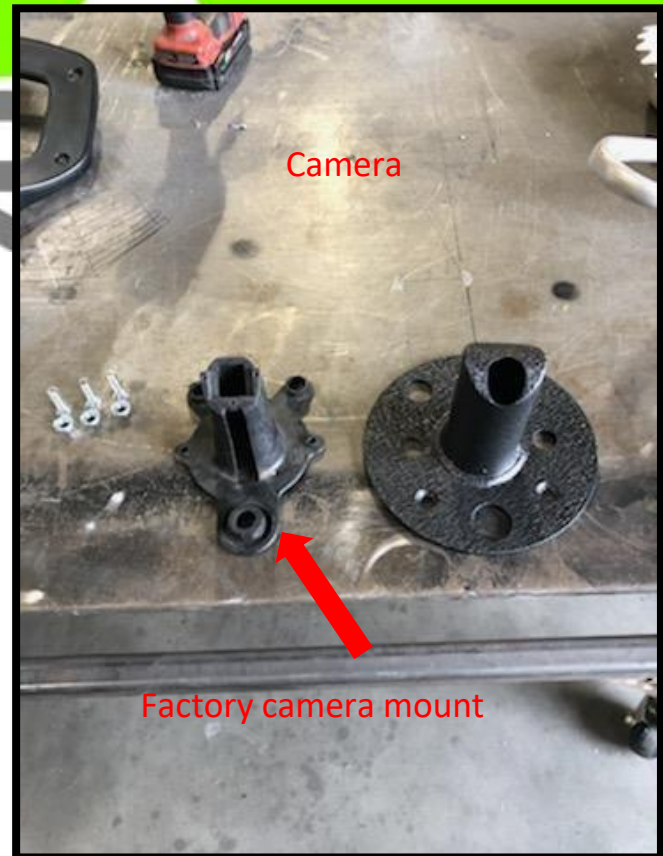




12. Remove factory third brake light from stock carrier. Attach to new carrier using (4) factory screws.



13. 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.



14. Install tire mount onto carrier arm using provided hardware. . Placement of carrier arm may vary depending on the size of tire you are running.

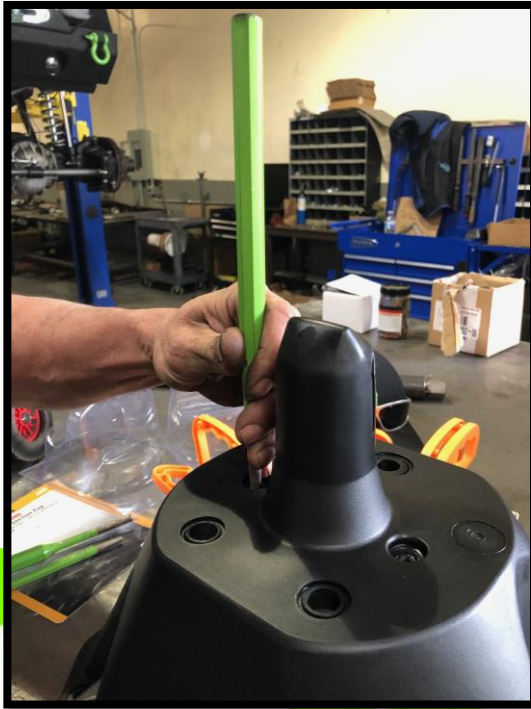


15. Remove the factory stud plate by undoing the two screws on the factory tire mount.





16. 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.



17. If using a camera, place the factory camera mount (plastic) through the holes. Place the factory stud plate behind it. Secure using factory bolts.



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



**19. Place spare on carrier. Open and close carrier to sure all parts are moving properly.**





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