



ZONT5307 Installation Instructions 2022-2025 Tundra | 2023- 2025 Sequoia Differential Drop Kit

Read and understand all instructions and warnings prior to installation of product and operation of vehicle.

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

» PRODUCT SAFETY WARNING

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

» TECHNICAL SUPPORT

www.zoneoffroad.com may have additional information about this product including the latest instructions, videos, photos, etc.

Send an e-mail to tech-zone@ridefox.com detailing your issue for a quick response.

888.998.ZONE Call to speak directly with Zone tech support.

Difficulty Level

Easy 1 2 3 4 5

Estimated installation: 2 hours

» PRE-INSTALLATION NOTES

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. Due to payload options and initial ride height variances, the amount of lift is a base figure. Final ride height dimensions may vary in accordance to original vehicle attitude. Always measure the attitude prior to beginning installation.

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***Important* Verify you have all of the kit components before beginning installation.**

Kit Contents

Qty	Part
1	Bag Kit
3	16mm-2.00 x 60mm, Grade 8.8, Clear Zinc
6	16mm Washer, Clear Zinc
3	16mm-2.0 Prevailing Torque Nut, Clear Zinc
2	14mm-1.50 x 60mm, SHCS Grade 12.9 Clear Zinc
2	14mm Washer, Clear Zinc
2	9/16" Washer, Thick .188", Clear Zinc
4	3/4" ID x 1-3/16" OD Half Bushing
2	3/4 x .090 x 2.62 Sleeve
1	Driver Front Diff Drop
1	Passenger Front Diff Drop

PRE-INSTALLATION NOTES

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle and support the frame with jack stands behind the lower control arms to make it easier to crawl under vehicle to work on it.

Note: This can be done with the vehicle sitting on the ground

INSTALLATION INSTRUCTIONS

» DIFFERENTIAL DROP INSTALLATION

3. Remove the front lower skid plate (if equipped).
4. Loosen the rear mount on the front differential.
5. Support the front differential with a hydraulic jack/screw jack. (Fig. 1)



Figure 1

6. Remove the 2 front bolts attaching the differential to the front cross member. Retain hardware for reuse. (Fig. 2 & 3)

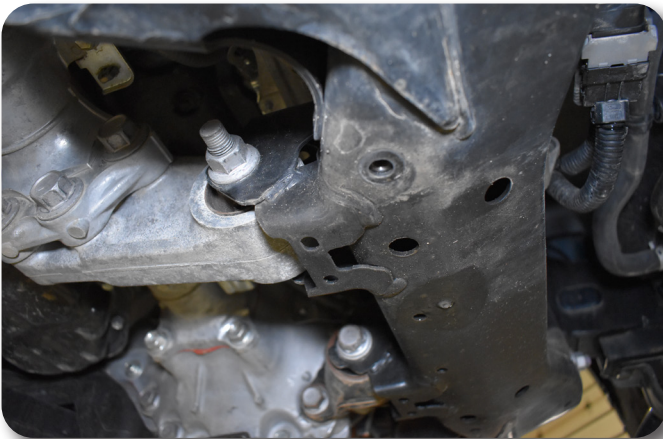


Figure 2



Figure 3

7. Remove 2 - Driver side differential bracket bolts. Remove bracket and discard. (Fig. 4)

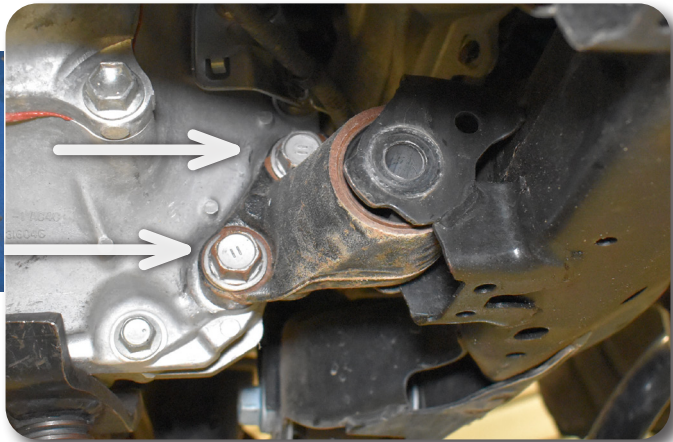


Figure 4

8. Remove 3 - Passenger side differential bracket bolts. Remove bracket and discard. (Fig. 5)

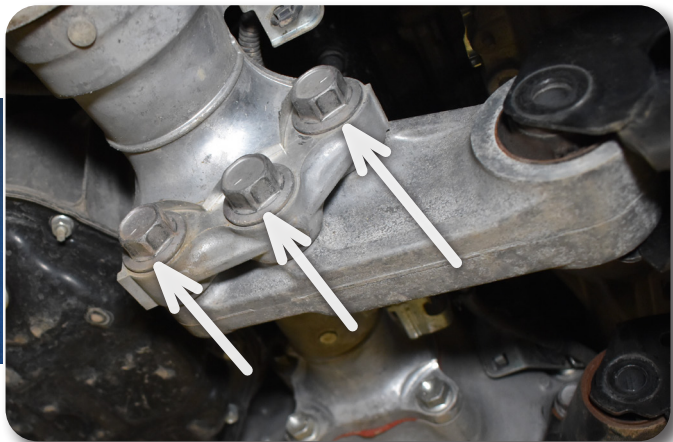


Figure 5

9. Install bushings and sleeves into replacement brackets using bench mounted vice. (Fig. 6)



Figure 6

10. Fit passenger side differential bracket into the crossmember, re-using OE hardware. Align the 3 bolt holes and install the 3 provided M-16 bolts, 6 washers and 3 nuts, from the outside - in. Fig. 7 & 8 Note: It will be necessary to leave hardware loose until both sides are installed.



Figure 7



Figure 8

11. Fit driver side differential bracket into the crossmember, re-using OE hardware. Align the 2 bolt holes and install the top provided bolt and washer through the diff. bracket first, leave loose. Install the bottom bolt and washer second and leave loose (Fig.9) and through the 2 provided gold spacer washers (Fig. 10) and into the 2 thread holes in the differential.

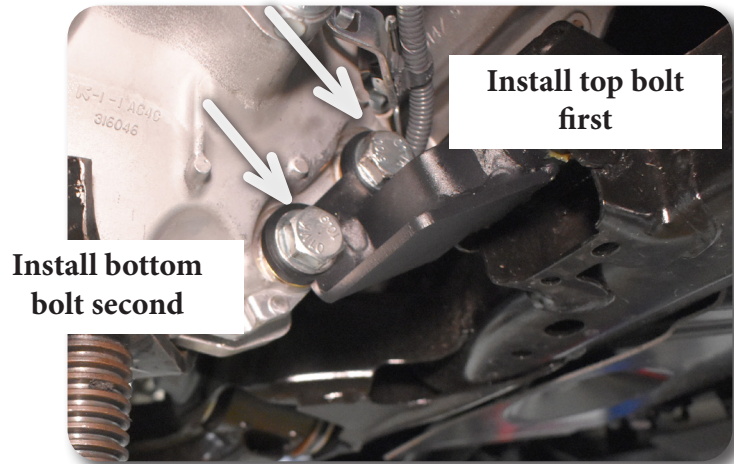


Figure 9

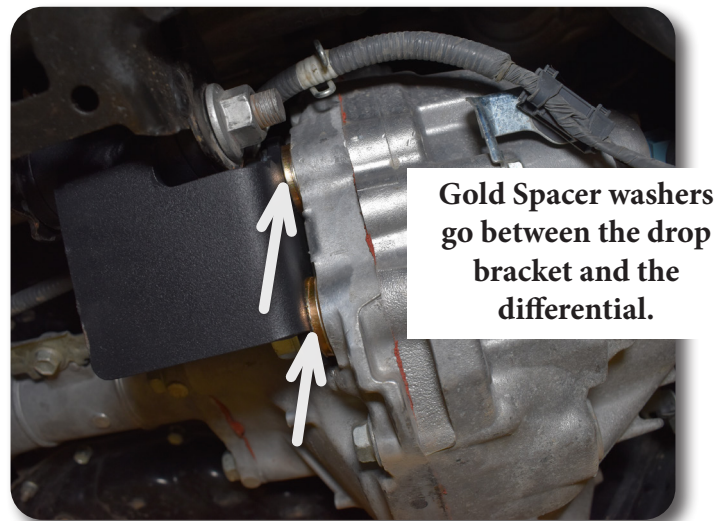


Figure 10

Note: It may be necessary to loosen the upper differential mount to allow enough diff. slack to align mounting holes in the bushing sides of the mounts. Fig. 11



Figure 11

12. Install the long OE bolt and nut. (Fig. 12)



13. With all hardware installed tighten to spec.

Tighten in the following order:

- 3x Front Pass Side bolts 111 ft-lbs
- 2x Front Drv Side Bolts 92 ft-lbs
- 2x Rear Mount bracket Bolts 133 ft-lbs
- 1x Rear Crossmember Nut 74 ft-lbs
- 2x Front crossmember bolts torque to 92 ft-lbs

» POST INSTALLATION

14. Check all hardware for proper torque.
15. Recheck all fasteners after 500 miles and at regular scheduled maintenance intervals.

Post-Installation Warnings

1. Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering gear for clearance. Test and inspect brake system.
2. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/replacement may result in component failure. Longer replacement hoses, if needed can be purchased from a local parts supplier.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 100 miles. Always inspect fasteners and components during routine servicing.