#T1201 Installation Instructions
2022 Toyota Tundra
2" Lift

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.

» 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.

Difficulty Level

easy 1 (2) 3 4 5 difficult

Estimated installation: 2 hours

Special Tools Required

Spring Compressor

Grinder or Cut off wheel

Ball Joint Puller (recommended)

Tire/Wheel Fitment

No Trimming*

285/65 R20 Tire or 285/75 R18 w/9" Wide x 6-1/8" BS
295/60 R20 Tire or 295/70 R18 w/9" Wide x 5-1/2" BS
305/55 R20 Tire or 305/65 R18 w/9" Wide x 5" BS

Trimming**

325/60 R20 Tire w/9" Wide 6-1/8" BS Wheel
35/12.50 R20 Tire or 35/12.50 R18 w/9" Wide 5-1/2" BS Wheel
295/65 R20 Tire or 305/70 R18 or 285/75 R18w/9" Wide 5" BS Wheel

* Wheel and Tire combination was tested through normal driving conditions within alignment specs with no rubbing or trimming needed.
**Wheel and Tire combination was tested through normal driving conditions within alignment specs and some or all the following were required, removal of mud flap, fender liner being trimmed or fastened further back, body mount bump being cut off or ground down.

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

T1201 Kit Contents

Qty	*Part*
2	Poly Level Spacer
4	1-1/4" x 7/8" Sleeve
2	1-1/4" x 1/2" Sleeve
2	1/4" Thick Spacer Washer
1	Bolt Pack
8	10mm-1.50 x 40mm Bolt
8	10mm-1.50 Prevailing Torque Nut
8	7/16" SAE Washer
1	Bolt Pack
2	8mm-1.25 x 30 Bolt
2	5/16" SAE Washer
4	12mm-1.25 x 50mm Bolt
4	1/2" SAE Washer
2	18mm Washer, Clear Zinc

INSTALLATION INSTRUCTIONS

1. Park the vehicle and a clean, flat surface and block the rear wheels for safety.
2. Raise the front of the vehicle with a jack and support each side with a jack stand under the frame rail
3. Remove the front wheels
4. If equipped remove the two bolts holding up the automatic air damn. This will allow you access to the skid plate bolts. Figure 1

Figure 1

5. If installed remove the 4 bolts holding on the front splash guard for the steering rack. Set the splash guard to the side and it can be reinstalled later. Figure 2

Figure 2

6. Disconnect the sway bar link from the LCA on both sides. Figure 3

Important—measure before starting!

Measure from the center of the wheel up to the bottom edge of the wheel opening

LF_____ RF_____

LR_____ RR_____

Step 6 Note

Use a prybar to remove the link from the LCA stud..

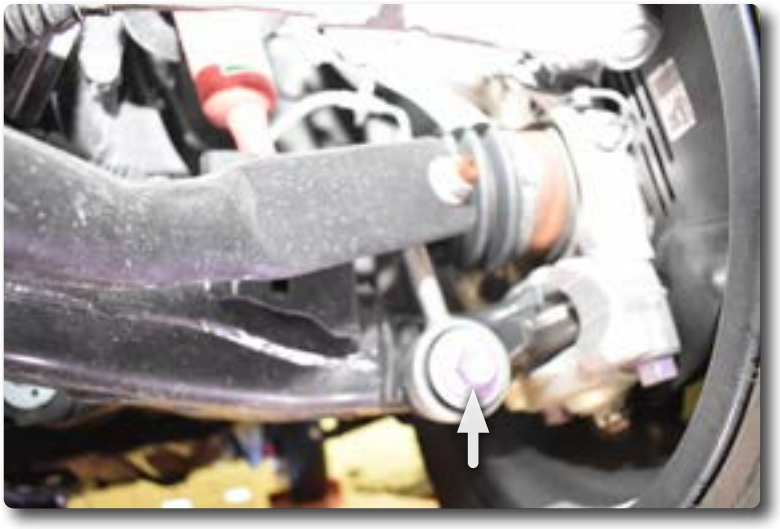

Figure 3

7. Unbolt the sway bar from the frame on the driver side. Figure 4

Figure 4

8. Slide in the provided spacers 7/8" long spacer (73) between the frame and sway bar bracket. Fasten to the frame with the 12mm x 50mm bolt and 1/2" washer in bolt pack 385. It may be necessary to loosen up the passenger side bolts. Figure 5

Figure 5

9. Repeat steps 7 & 8 for the Passenger side. Torque all four of the 12mm bolts to 55 ft-lbs

10. Remove the Tie rod from the knuckle, take care not to damage the knuckle or boot. Figure 6

Figure 6

Step 10 Note

It recommended to use a ball joint puller. Toyota # 09961-02080.

11. Remove the abs line bracket from the UCA to allow more slack for additional travel. Will be reinstalled later. Figure 7

Figure 7

12. Remove the brake line bracket from the frame. Will be reinstalled later Figure 8

Figure 8

13. Remove the dust shield covering the axle nut. Remove the retaining clip and loosen the axle nut. Figure 9

Step 13 Note

Use a small flat head screw driver or a thin chisel to get betweenthe dust shield and rotar..

Figure 9

14. Separate the UCA from the knuckle. Take care not to damage the boot or aluminum knuckle. Figure 10

Step 14 Note

It recommended to use a ball joint puller. Toyota #09628-62011

Figure 10

15. Support the driver side LCA. Remove the lower strut bolt and Upper Strut bolts (4x). Don't loosen the center one on top. Figure 11 & 12

Figure 11

Figure 12

Step 15 Note

Caution: Do not remove the center nut.

16. Pry down on the LCA and remove the strut, take care not to pull the cv out.

Step 17 Note

You will need to cut off about 3/16"-1/4" off each stud.

17. The factory strut studs 4x need to be trimmed to be shorter than the strut spacer. Grind down the end of the 4 factory studs. So they don't stick up past the top hat spacer. The stud should be no longer than 1" from the mounting surface. Figure 13

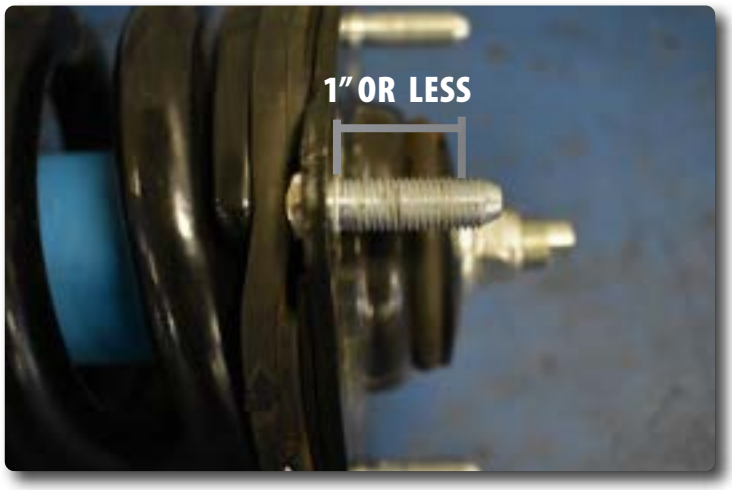

Figure 13

18. Mark the lower eye in accordance to the upper top hat where it says "OUT". Figure 14 Insert four 10mm x 40 bolts from bolt pack 384 into the provided top spacer. Mount the provided top hat spacer onto the strut. It will only go on one way. Fasten it down using the OE nuts and torque to 48 ft-lbs Figure 15

Figure 14

Figure 15

19. Use a spring compressor to remove some of the load on the strut top hat and rotate it so the "|" on top faces outward towards you when installed. Ensure the spring is seated in the rubber spring retainer before releasing tension. Figure 16

Figure 16

20. Reinstall the strut with top spacer into the vehicle. Fasten the lower mount with the OE bolt, it will be torqued later. Use the 10mm nuts and 7/16" washer from bolt 384 to secure the top of the strut to the frame. Torque 10mm nuts to 37 ft-lbs. Repeat strut top had installation procedure for the other side.

21. Remove the factory front bump stops. Install the 1/4" thick spacer on the bump stop studs and reinstall. Driver and Passenger side Figure 17

Figure 17

22. Reconnect the UCA to the knuckle with OE hardware. Torque to 92 ft-lbs.

Reinstall the retainer clip. Figure 18

Figure 18

23. Reconnect the Tie rod to the knuckle with OE hardware. Torque to 89 ft-lbs. Reinstall the retainer clip. Figure 19

Figure 19

24. Reconnect the sway bar links to the lower control arm. Torque to 111 ft-lbs Figure 20

Figure 20

25. Reconnect the ABS line to the UCA with OE hardware,, torque to 110 in-lbs. Reconnect the brake line bracket to the frame with OE hardware, torque to 21 ft-lbs.

26. If equipped reattach the factory splash guard, use the two 1-1/4" x 1/2" spacers to space down the front side, fasten with the two 8mm x 30mm bolts and two 5/16" washers from bolt pack 385. Torque to 16 ft-lbs

Figure 21

27. If equipped reattach the auto front spoiler to its mount with OE hardware, Torque to 12 ft-lbs, Some trimming of the front spoiler may be necessary around the sway bar bracket.

28. With both sides fully reassembled, Reinstall the wheels and lower vehicle to the ground.

29. Torque the wheels according to OE specs

30. If Installing rear shocks the 18mm Washer in Bolt Pack 385 is a spacer on the axle mount. Figure 22

Figure 22

31. Roll vehicle back and forth to get it to settle. Torque the Front strut LCA hardware too 122 ft-lbs

32. Check all hardware for proper torque.

33. Vehicle will need an alignment done.

34. 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.

3. Perform head light check and adjustment.

4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.