

VALUE KIT Part # TTU25 1999-2001 Toyota Tundra 2.5" Lift 2WD/4WD

Bill Of Material		
Part No.	Description	Qty.
TPS3271F	POLY SPACER, TOYOTA, 2.5" FRT	2
TPS3273F	POLY ISOLATOR, TOYOTA, 2.5" FRT	2
SC2233	STEM CUSHION, TOYOTA, ALL	4
BS3112	BUMP STOP, TOYOTA, ALL	4
TRB10-S	TIE ROD END BOOT/ SMALL	2
SC2567	STEM CUSHION, TOYOTA, ALL	4
10MMX50MMB	10 X 50 METRIC BOLT/10.9	6

Bill Of Material		
Part No	Description	Qty.
10MMSHN	10MM HEX NUT, STANDARD CLS 8	6
SLW10	SPECIAL LOCK WASHER, 10MM	6
GP2	GREASE PACK, 2CC	2
SBB3289	SWAY BAR BUSH, TOYOTA TUNDRA	2
RTU20	TUNDRA REAR ADD A LEAF PR	1
3806	3/8 X 6 TIE BOLTS, PR W/NUTS	1
I-TTU25	INST. SHEET - TTU25 TUNDRA	1

FRONT INSTALLATION

1. Read complete instructions before beginning installation, the following special tools are recommended: Coil spring compressor, floor jack, ball joint separator, jack stands, and metric hand tools.
2. Jack the vehicle in the center of the front cross member.
3. Support the vehicle by placing jack stands on the frame cross member so that the front tire/wheels are off the ground.
4. Remove the front tires/wheels.
5. Disconnect the sway bar end links and remove the upper ball joint cotter pin and nut.
6. Separate the upper ball joint from the spindle. (Using ball joint separator or a suitable tool)
7. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the frame mount.
8. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. (Note the direction of the bolt for reinstallation)
9. Compress the coil spring on the strut assembly with a suitable coil spring compressor and remove the upper strut isolator mount nut.
10. Remove the compressed coil spring assembly from the strut and install the strut boot.
11. Remove the coil spring isolator from the strut mounting plate.
12. Remove the 3 pressed in studs on the upper strut isolator mount and install the supplied 10mm bolts without nuts.
13. Install the supplied coil spring isolator to the upper strut mounting plate.
14. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mount plate using the new strut stem cushions and the stock hardware.
15. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment indentation.
16. Slide the coil spring spacer onto the strut assembly over the 10mm bolts.
17. Install the strut assembly into the strut tower and start the upper three 10mm nuts with spring washers. (Make sure that the bottom of the strut is aligned as well)
18. Install the lower strut bolt in the original position that it was removed. (Step 8)
19. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle. Make sure that you replace the cotter pin. (Not supplied)
20. Install the sway bar bushings that fit your sway bar and replace the sway bar end link bushings. Note: Included in your kit are 2 different sway bar bushing sizes, find the set that fits your sway bar best.
21. Install the front tires/wheels.
22. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side)
23. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.



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THE BEAR OF SUSPENSIONS



REAR INSTALLATION

1. Raise the rear of vehicle and place jack stands under the frame so that the rear clear the ground.
2. Remove the rear tires and wheels.
3. Disconnect the rear shocks from the axle.
4. Support the rear axle with a floor jack and loosen all four U-bolts. Remove two U-bolts and clamp from one side.
5. Lower the axle away from the spring so that the drum is clear of the leaf Spring. Bend the spring clamps down and away from the spring. Remove the plastic clips from the spring clamps.
6. With the appropriate clamps, clamp the spring together and remove the bolt securing the springs together; you may have to use Vise-Grips to hold the head of the bolt.
7. Carefully remove the clamps and note the position of the springs.
8. Sandwich the add-a-leaf between the four stock springs, the springs should stack up shortest to longest with the longest on top. Install the supplied bolt from the bottom up and tighten. (You will have to use C-Clamps to compress the springs together.)
9. Raise the rear axle onto the spring assembly; make sure that the spring bolt head seats into the axle pad. Cut off the excess thread 1/8" above the nut so that the stock bump stop will fit flush with the top spring when bolted together.
10. Install the U-bolts and clamps, just starting the nuts.
11. Repeat steps 4 thru 8 for the other side of the axle.
12. Tighten the U-bolt nuts evenly to factory spec so that you have the same thread showing on all U-bolts.
13. Bend the spring clips over the new spring bundle. You may have to use a heavy hammer to do this correctly; the spring clips should be tight.
14. Reconnect the shocks to the rear axle.
15. Install the rear tires and wheels.
16. Retighten the U-bolt nuts after 500 miles.

Final Notes:

- After installation is complete, double check that all nuts and bolts are tight. Check to ensure there is adequate clearance between all rotating, mobile, and fixed members.
- Ensure there is adequate clearance between exhaust and brakelines, fuel lines, fuel tank, floor board, and wiring harnesses. Check steering gear for interference and proper working order. Inspect brakelines for damages and adequate clearance.
- With the vehicle on the floor, cycle steering lock to lock and inspect steering, suspension, driveline and brakeline systems for proper operation, tightness and adequate clearance.
- Have headlights readjusted to proper settings.
- Have a qualified alignment center check and realign to factory specifications.

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