

STOP --READ THIS FIRST

McGAUGHY'S 2007 TOYOTA TUNDRA

Install McGaughy's front coil springs following the factory repair manual.

1. Use wheel chocks to secure the front of the vehicle from rolling/movement.
2. Put jack stands under the rear of the vehicle (frame) lifting only the back of the truck.
3. Place a floor jack under the rear-end and use it to relieve pressure on the shackles by jacking up the rear-end.
4. Remove the stock brake line bolts that bolt through the leaf spring axle pads. Unclip the ABS wire.
5. Remove the U-bolts that attach the rear-end to the leaf spring only removing one spring at a time.
6. After the leaf spring is loose, move it underneath the rear-end and re-install the leaf spring. Do not attach the U-bolts yet.
7. Complete step five (above) for the other leaf spring.
8. Once the rear-end is on top of the leaf spring, install the flip kit between the leaf spring and the rear-end housing. When installing the flip, make sure the shorter ear on the flip goes toward the front of the truck.
9. On the bottom of the flip kit there is a hole that the stock leaf spring bolt sits in. Be sure that when the flip kit is placed on the leaf spring the rear-end moves toward the rear of the truck and not the front. The hole should be toward the front of the truck so that the bracket is moving the rear-end back.
10. On the original rear-end there is a tab welded to the axle pad that holds the brake line and ABS line (that you've already disconnected), slice the weld so that you can break the bracket off the rear-end. Make sure to fully remove all the pieces and grind the weld so that the flip kit will sit flat and firm underneath the rear-end.
11. Install new McGaughy's upper flip kit bracket which locates over the leaf spring saddle on the rear-end (see picture #1). The new upper flip bracket has one tab welded on the backside this acts as the new brake line and ABS bracket and still faces the rear of the vehicle. The new upper flip bracket acts as a U-bolt retainer keeping the U-bolts from falling off the rear-end.
12. Using the new provided U-bolts and McGaughy's plates, install the U-bolts over the new McGaughy's upper flip bracket (located on top of original axle pad), placing the leaf spring plate under the leaf spring with the U-bolts protruding through the bottom of the plate. Install the hardware provided in the kit.
13. Make sure the correct hole is used on the plate. The leaf spring bolt goes through the hole on the plate that is a half inch off center. Make sure the U-bolts are perpendicular to the plate and not at an angle.
14. Once the flip kit is installed on both sides, tighten U-bolts equally and torque to factory specifications.
15. Reinstall factory ABS wire & brake line clamp (using new 5/16" bolt and nut) to new brake line ABS clamp (located on upper flip bracket) and tighten.
16. Unbolt the stock shackles. Using McGaughy's shackles bolt them in the same way the stock ones came out using new provided hardware. The hole closest to the ground is a 4" drop the top hole (closest to the frame is a 5" drop)
17. NOTE: When the suspension is hanging the exhaust may hit the leaf spring but once the vehicle is sitting back on the ground there should be clearance. Make sure to check for clearance, if there is touching then you may have to relocate the exhaust tip.
18. Torque the shackle nuts to original factory specifications.
19. You no longer need your rear factory bump stops. Install the new McGaughy's bump stops that come with the kit to the upper flip bracket (tapped hole that bump stop screws to).
20. Unbolt the stock shock. With this kit you need to install new McGaughy's shocks. Once new shocks are installed then proceed.
21. Reinstall the wheels to factory torque specifications. Release the floor jack and set the vehicle back on the ground.
22. Be sure to take the truck to a reliable shop to get a front end alignment.

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picture #1
(for step#11)

