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Instruction Sheet:

PART# IVD4110	2007-Current Toyota Tundra Leveling Kit
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Enclosed Parts List	
(2) Coilover Spacers (2) Differential Spacers	
Hardware Included	
(8) M10 x 1.25 Flange Nuts (3) M8-1.25 x 40mm Bolts (3) 5/16" Washers	(2) 9/16" x 6 Bolts (2) 9/16" C-Lock Nuts (4) 9/16" Washers (3) Skid Plate Spacer Sleeves

Vehicle Applications
2007-Current Toyota Tundra 2WD/4WD

Installation Notes
<p>** Installation by a certified mechanic is highly recommended. **</p> <p>** ICON Vehicle Dynamics is not responsible for any damage or failure resulting from improper installation. **</p> <p>** WARNING! ICON Vehicle Dynamics recommends that you exercise extreme caution when working under a vehicle that is supported with jack stands. **</p>

**** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION, AND TIRE DAMAGE MAY RESULT TO THE VEHICLE! ****

BEGIN INSTALLATION

- 1. ENSURE TRUCK IS IN GEAR OR IN PARK, SET PARKING BRAKE, TURN OFF ENGINE AND CHOCK TIRES!**
- 2. With the vehicle sitting on level ground, measure from the center of the front wheel hub to the top of the fender opening. Record this measurement; you will refer to it later to determine total lift height.**
- 3. Using a heavy duty jack, raise up the front of the truck and support with jack stands under the frame rail.**
- 4. Remove wheels and tires.**
- 5. Place a heavy duty jack under the lower control arm to support the arm.**
- 6. Loosen, but do not remove, the driver's side lower control arm bolts (24mm). Do not remove the alignment cams.**
- 7. Remove the sway bar end link bolt located on the lower control arm.**
- 8. Remove the lower OE strut bolt that goes through the lower control arm.**
- 9. Loosen, but do not remove the four upper OE mounting nuts.**

10. Remove the two bolts that connect the spindle and the lower ball joint.
11. Lower the jack down, moving the lower control arm clear of the OE strut.
12. While holding the OE strut with one hand, remove the four upper mounting nuts and remove the strut from the vehicle. Be careful not to damage to CV boot if applicable.
13. Install the IVD Leveling Suspension spacer onto the top of the OE strut using the factory hardware and torque to factory specs.
14. Reinstall the spacer and strut assembly using the provided hardware. Do not tighten all the way at this time.
15. Use a jack to raise the lower control arm back up so that the lower OE strut hardware can be reinstalled. Install the lower strut mounting bolt and torque to factory spec.
16. Use a pry bar to position the sway bar so that the sway bar end link can be reattached. Reinstall the sway bar end link with the factory hardware and torque to manufacturer spec.
17. Reinstall the two lower ball joint bolts and tighten to factory specs.
18. Tighten the four upper strut mounting nuts and torque to factory spec.
19. Repeat steps 6-19 on the passenger side of the truck.
20. Reinstall both wheels and torque lugs to factory recommended spec.
21. To install the front differential spacers, Remove factory front skid plate.
22. Place a floor jack underneath the front differential. Raise the jack so that the pad is touching and supporting the diff.
23. Remove the OE differential mounting hardware and set aside the factory washers as they will be reused.
24. Install the provided differential drop spacers in between the factory differential supports and the crossmember using the provided bolts and the OE washers along with the new washers and nuts. Torque this hardware to manufacturer recommended specs.
25. Space the skid plate down using the provided hardware and spacers in the three rear skid plate mounting locations. The two front mounting locations will use the OE hardware. Torque to factory specs.
26. Once installation is complete, roll truck back and forth to allow suspension to settle. Test drive vehicle re-check the torque of all fasteners and re-torque wheels on vehicle after first 100 miles of use. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers.
27. It is recommended that you have your vehicle professionally aligned whenever lift components are installed. A certified alignment technician with lifted vehicle experience is highly recommended. Adjust headlights whenever vehicle has been lifted or lowered for proper orientation.

**** Installer is responsible for ensuring vehicle safety and handling ability after performing modifications to suspension. ****

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