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Instruction Sheet:

PART# IVD2310	2007-Current Jeep JK 0.75" Rear Leveling Kit
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Enclosed Parts List
(2) .75" Rear Coil Spacers
Hardware Included
N/A

Vehicle Applications
2007-CURRENT WRANGLER JK

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

*TECH NOTE: A 1" BUMP STOP SPACER IS RECOMMENDED IF INSTALLING ICON SHOCKS. THIS IS TO PREVENT THE SHOCK FROM BOTTOMING OUT.*

- 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 properly rated hydraulic jack, raise the vehicle and support the frame rails with jack stands. Ensure jack stands are secure and set properly before lowering the hydraulic jack. **BE SURE TO NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove wheels.
- 4.** Remove the rear brake line bracket from the frame using a 10mm. (Refer to Fig. 1)

FIG.1



FIG.2



5. Remove the rear track bar from the axle using a 21mm. The axle may move slightly when taking the bolt out. (Refer to Fig. 2)
6. Remove the ABS wire connectors from the rear differential.
7. (RUBICON ONLY) Disconnect the rear locker solenoid. Slide the red tab to the side before disconnecting.
8. Remove the breather tube from the rear differential.
9. Unhook the parking brake cables from the hooks above the driveshaft. (Refer to Fig.3)

FIG.3



10. Use (2) 18mm to remove the lower bolt from the rear sway bar links.
11. With the rear axle supported with a floor jack, remove the lower bolt from the rear shocks with (2) 18mm. The shocks are limiting droop so MAKE SURE THE AXLE IS SUPPORTED OR THE AXLE WILL FALL when the lower shock bolts are removed.
12. Once the shocks are removed, slowly lower the axle while watching for any lines that might snag. Lower the axle enough to remove the rear coils.
13. Remove the rear coil springs and upper rubber isolator seats as they will be reused.
14. Set the .75" polyurethane spacer on top of the factory rubber spring isolator and reinstall. (Refer to Fig.4)

FIG.4



15. Make sure the bottom of the coil spring is seated properly into the factory mount.
16. Slowly raise the axle making sure the coils align and seat properly in the upper and lower

seats. Lift the axle just far enough to reconnect the rear shocks using (2) 18mm. Be careful not to lift the vehicle off of its supports. [Torque to factory spec].

**17.** Reconnect the ABS clips to the differential and frame.

**18.** (*RUBICON ONLY*) Reconnect the rear locker solenoid. Slide the red tab into place.

**19.** Reconnect the rear breather tube to the differential.

**20.** Reinstall tires and lower vehicle to the ground.

**21.** Re-hook the parking brake cables above the driveshaft.

**22.** Tighten all factory hardware to factory specs.

**23.** 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.

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

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LIMITED LIFETIME WARRANTY***

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize. This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

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