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Instruction Sheet:

PART# IVD2100	2003-2008 RAM HD 2WD Leveling Kit
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Enclosed Parts List
(2) Coil Spacers

Vehicle Applications
2003-2008 RAM 2500 2WD 2006-2008 RAM 2500 Mega Cab 2WD 2003-2008 RAM 3500 2WD

**** 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! ****

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

BEGIN INSTALLATION

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- 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. Loosen and remove wheels & tires.**
 - 5. Unplug ABS cable.**
 - 6. Remove tie rod from spindle using the proper removal tool.**
 - 7. Loosen and remove sway bar end links from the lower control arm.**
 - 8. Loosen shock mount hardware and remove the front shock.**
 - 9. Support lower control arm with a heavy duty floor jack. Proceed to loosen the upper ball joint from the spindle. Using the proper removal tool, separate the ball joint from the spindle.**
 - 10. After the ball joint is separated from the spindle, lower the floor jack until the coil spring can be removed from the vehicle.**
 - 11. Once the factory coil spring is removed, place the IVD Leveling Suspension spacer on top of the factory coil spring, with the flat surface facing up. Place the factory coil spring with the**

IVD spacer into the coil bucket. Jack up the lower control arm, making sure the top of the coil is seated correctly in the bucket and the bottom of the coil is properly clocked in the lower control arm.

12. Re-attach upper ball joint to spindle, sway bar end links, and tie rod end ends. Once completed, tighten to factory specs. Plug in ABS wires at this point.

13. Re-install OEM shock or ICON Vehicle Dynamics replacement shock.

14. Repeat steps 5-13 for opposite side.

15. Install wheels and tires and torque to factory specs. Turn wheels completely left and right to check brake lines and ABS wires for rubbing or being too tight when extended.

16. Once vehicle is complete and lowered, check all parts which have bushings to make sure bolts are torqued and sleeve is being pinched. Roll truck back and forth to allow suspension to settle. Turn front wheels to steering stops left and right to check for wheel, brake line, and ABS wire clearance. Test brake lines and ABS wires for ample slack when suspension is at full extension. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers. Test drive vehicle re-check the torque of all fasteners and re-torque wheels on vehicle.

17. 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. ****

**ICON Vehicle Dynamics
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.

ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at Icon Vehicle Dynamics' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered. ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.

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