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Instruction Sheet:

PART# IVD1110	1999-2007 GM 1500 4WD & SUV Leveling Kit
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Enclosed Parts List
(2) Forged Torsion Keys (2) Front Shock Extensions
Hardware Included
(2) M14 x 80mm Bolts (2) M14 Nylock Nuts (2) Flat Washers

Vehicle Applications
1999-2007 Silverado 1500 4WD (Classic) 2003-2007 Silverado (Classic) 1500 SS AWD 2002-2006 Cadillac Escalade 2002-2006 Avalanche 1500 2000-2006 Tahoe/Yukon 2000-2006 Suburban/Yukon XL 1500

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. **

**** 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 torsion bar adjustment bolts.**
- 5. Loosen and remove OE lower shock nut and bolt.**
- 6. Using a torsion bar loading tool, adjust the OE torsion key all the way up to allow for removal of adjusting block.**

7. Remove torsion key adjusting block from the crossmember of the vehicle.
8. Loosen or “unload” the torsion key. Make sure to take notice of the clocking position of the OE torsion key.
9. Move the torsion bar towards the front of the vehicle and remove the torsion key.
10. Install the new IVD Leveling Suspension torsion key clocked in the same position as the OE key was previously.
11. Using the loading tool, adjust the new torsions keys up far enough to re-install the adjusting block, and then re-install the adjusting block.
12. Install front shock extension on lower shock mount using OE hardware. Once complete, fasten the shock to the extension using the provided hardware. Torque to factory specs.
13. Complete steps 4-12 on the opposite side of vehicle.
14. Once installation is complete, roll truck back and forth to allow suspension to settle. Test drive vehicle and re-check the torque of all fasteners 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.
15. 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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