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Instruction Sheet:

PART# IVD3100	2005+ Nissan Frontier / Pathfinder / Xterra Leveling Kit
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Enclosed Parts List
(2) Coilover Spacers
Hardware Included
(6) M10 x 1.25 Flange Nuts

Vehicle Applications
2005-Current Nissan Frontier 2/4WD 2005-2012 Nissan Pathfinder 2/4WD 2005-Current Xterra 2/4WD

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

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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. Remove ABS wire and brake line bracket from spindle.**
 - 6. Disconnect sway bar end link from sway bar. After this has been completed, rotate the sway bar so it is out of the way.**
 - 7. Loosen and remove the upper coilover mounting nuts holding the OE coilover in the coil bucket There will be 3 nuts per side.**
 - 8. Loosen lower shock mount hardware and remove the front coilover. The lower control arm may need to be pushed down in order to remove the coilover.**

9. Place the IVD Leveling Suspension spacer on top of the OE coilover so that the studs in the coilover line up and protrude through the holes in the spacer.
10. Using the OE hardware and thread locker, tighten the spacer to the top of the coilover.
11. Reinstall coilover assembly in coil bucket and tighten to factory recommended specs.
12. Repeat steps 5-11 for other side of vehicle.
13. Install wheels and tires and torque to factory specs.
14. Once vehicle is complete and lowered, 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.
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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