



## INSTALLATION INSTRUCTIONS: A39TACO15AALST - '05+ Tacoma 1.5" Add-A-Leaf

iShock Truck, Jeep and SUV products are designed for off-road use only. It is recommended by iShock that the installation of all products and components be performed by a certified mechanic with extensive off-road suspension knowledge and experience. iShock products may void vehicle warranties so iShock highly recommends checking with your local dealer or warranty provider before installation. Although every effort has been made to improve or maintain proper vehicle geometry, it should be noted that the installation of many of the iShock components will alter the vehicles handling characteristics, height and center of gravity which may, in some cases, increase the chance of a roll over incident.

Due to the abusive nature of off-road driving and racing, iShock has no implied or expressed product warranty or guaranty.

iShock reserves the right to modify product designs and specifications without notice and without obligation to modify any product previously manufactured.

By the installation and use of this product you are assuming all risk, responsibility and liability as well as accepting the conditions noted above.

**Step 1** **SAFETY FIRST!** Please make sure the vehicle is on flat level ground with the parking brake engaged and wheels chocked. If installation requires the vehicle to be lifted, be sure to use jack stands. And as always, **WEAR SAFETY GLASSES!**

Please be sure to read this entire guide, start to finish, before beginning the installation process. If at anytime you have questions, please feel free to contact an iShock technician for assistance.

**Step 2** Jack up the rear of the vehicle until the rear tires are off the ground. Set up jack stands under the frame rails then gently lower.

**Step 3** Remove the rear wheels.

**Step 4** With a floor jack raise the rear axle enough to relieve tension on the shock absorbers and remove them. Disconnect the axle vent hose from the axle housing (if applicable).

**Step 5** Making sure the axle is well supported, remove the axle u-bolts and hardware. Now remove the spring eye bolts and / or shackles and remove the springs from the vehicle.

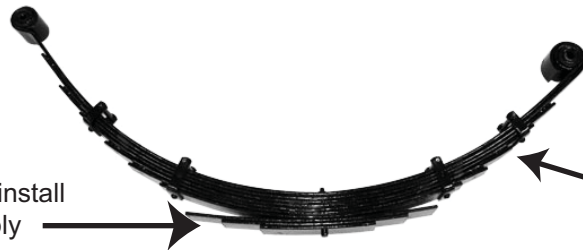
**Step 6** Using C-clamps or a heavy duty vise, hold the spring assembly securely together. If applicable, remove any spring leaf alignment clamps.

**Step 7** With a set of vise grips to hold the head of the center bolt, loosen and remove. If the pack uses a pin or if the bolt has rusted, use a drift and hammer to drive it out.

**Step 8** Carefully remove c-clamps or vise and set unassembled spring stack aside. With a small amount of grease at each end of the AAL (Add-A-Leaf), reassemble leaf pack with AAL in place. Refer to the below drawing for proper placement.

**Step 9** Loosely assemble the completed spring stacks into the respective axle mounts. Install u-bolts, nuts and washers, torque to factory specifications. Now reinstall spring eye bolts and / or shackles and torque them to factory specifications as well.

**Step 10** Re-connect the axle vent hose and install shock absorbers.



Helper spring assembly - Do not install your AAL in or below this assembly

Your new AAL will be placed in a progressive "pyramid" shape. SAMPLE: If your #1 leaf is 32" long and #2 is 25" long and your AAL is 28" long, place the AAL between #1 and #2 to retain the "pyramid" shape.