



Truck and Jeep Accessories

ESTABLISHED IN 1977



Truck and Jeep Accessories

KC09134BK (2wd), KC09135BK (4wd),
KC09137BK (2wd) & KC09138BK (4wd)
May 2013 & Up Ram 3500 2.0" Leveling Kit
2014 & Up Ram 2500 2.0" Leveling Kit



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Instruction Sheet: P21230
2013 Daystar Products
International Inc.

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Revised by: PH

Introduction



is your number one source for Made In The USA quality, Comfort Ride™ leveling kits. Now backed with our exclusive *Go Everywhere* © Lifetime Limited Warranty (see terms at Daystarweb.com). To assure your safety and proper installation of this product, take a moment to read all instructions and Product Safety Information before trying to install your Daystar® product. Current OEM suspension design is complex: meaning safe and proper installation requires understanding OEM service techniques for disassembly and assembly of the components indicated together with the instructions and warnings set out below and in the OEM service manual and your owner's manual. *Daystar® strongly recommends seeking advice from or having this product installed by a professional mechanic who can inspect your suspension, confirm compatibility with your tire and wheel choice and, if needed, reset alignment to optimize your steering and the features of your Daystar® Comfort Ride kit.* We are here to help if you have remaining technical questions after reading these instructions. Contact us toll free at 800-595-7659.

Product Safety Information

Throughout these instructions important safety information is generally preceded by one of three signal words indicating the relative risk of injury. The signal words mean:

! WARNING A hazardous situation which, if not avoided, could result in death or serious injury. You can be Killed or Seriously Hurt if you don't follow instructions.

! CAUTION A hazardous situation which, if not avoided, could result in minor or moderate injury. You can be moderately HURT and also may suffer property damage if you don't follow instructions.

NOTICE Careful attention is required to this instruction or operation but does generally not relate to personal injury. Damage to your product or other property may result if you don't follow instructions.

!WARNING

Familiarize yourself with all vehicle manufactures' and Daystar warnings, instructions and limited warranties before driving your modified suspension vehicle. Also be aware many states / countries have laws governing on-road vehicle heights and modifications. You are responsible for assuring the safety and legality of your vehicle. A summary of current state vehicle laws is available at www.sema.org.

What is Covered? Real Life Use, Off Road & On: Subject to the terms, exclusions and limitations herein, Daystar® warrants to the initial retail purchaser that your Comfort Ride™ or Budget Boost™ leveling kit shall be free of defects in material and workmanship for so long as it is properly installed on a single vehicle owned by the initial retail Daystar® purchaser.

What is Not Covered? Your Vehicle & Parts Not Daystar's GoEverywhere:

Your Daystar **Limited Warranty** does not cover: (a.) damage to your vehicle, vehicle systems (ex. electronic stability control) other products, components or property not manufactured by Daystar to our exclusive *GoEverywhere* standards, (b.) customer choice of vehicle configuration/tire and wheel combinations contrary to Daystar® recommendations, warnings or applicable laws, (C.) Acts of God, weather, corrosion, accidents, theft, vandalism, negligent misuse or intentional damage, other exclusions under your OEM Limited Warranty.

Remedy Limited to Repair/Replacement. Get back on your favorite trail fast. The exclusive remedy provided hereunder shall, upon Daystar's inspection and option, be either repair or replacement of the Comfort Ride™ or Budget Boost™ leveling kit or parts covered under this **Limited Warranty**. Call us and we will get you back wheelin' (623/907-0081). All labor, removal, shipping and installation costs are customer's responsibility.

Other Exclusions –Limitation of Damages - Your Rights Under State Law. Stuff Lawyers Say.

At Daystar® we aren't big fans of lawyers, even ours. Still, he says our **Limited Warranty** has to include this stuff. In consideration of the purchase price paid, neither Daystar® nor any independent Daystar® distributor or repair person are responsible for any time loss, loss of vehicle use, rental costs, transportation, labor or for any incidental, consequential, punitive or other damages you may have or incur in connection with any part or product purchased. No Daystar® employee or independent distributor is authorized to make any statement or representation altering the terms of Daystar's *GoEverywhere Lifetime Limited Warranty*. **Your exclusive remedy hereunder for covered parts is repair/replacement as described above.** This **Limited Warranty** gives you specific rights. You may also have other rights that vary from state to state. For example, some states do not allow limitations of how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you.

All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability, fitness for a particular purpose or other implied warranty are limited to a period of four (4) years from date of initial retail purchase. Daystar® reserves the rights to: (a.) require invoice or other proof of purchase; (b.) make future revisions to these products and **Limited Warranty** without prior notice or obligation to upgrade your Daystar® product.

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20. Repeat the leveling spacer, bump stop and shock installation procedure on the passenger side.
21. Reinstall the sway bar end link that was disconnected in step 7.
Tools: 21mm box end wrench, 10mm open end wrench.
22. Torque lower shock bolts & sway bar nuts to 65ft.lbs. Then double check the installation.
Tip: Upper shock nuts are properly torqued when the bushings have a slight bulge.
23. Reinstall driver and passenger tires and wheels.
24. Remove jack stands and lower the truck back on the ground. Remove all jacks and jack stands from under vehicle.
25. Torque the lug nuts to 120 ft.lbs. using an X pattern.
26. Torque the rear radius arm bolts to 220 ft.lbs.
27. Center the steering wheel.
!Caution: Have an alignment professional check and adjust the alignment to factory specifications.
28. With the vehicle on the ground cycle the steering wheel side to side and inspect suspension components, brake lines and tires to ensure there are not any clearance issues. Jounce the suspension to assure front suspension operates freely, brake lines retain proper slack at full extension and that they remain clear of springs or other obstructions.
29. Install **“Warning to Driver”** decal on the vehicle’s sun visor or dash. The decal must be placed in a conspicuous location. Anyone that operates the vehicle must be made aware of the changes made.
30. After 25 miles of driving re-torque the lug nuts to 120 ft.lbs..
31. After 500 miles of driving re-torque all of the hardware associated with the leveling spacer installation to factory specifications. Repeat torquing procedure as required.

Daystar® Lifetime GoEverywhere Limited Warranty

Your Daystar® Comfort Ride or Budget Boost leveling kit is covered by the following **Go Everywhere Lifetime Limited Warranty** provided exclusively by Daystar Products International, Inc., 841 South 71st Ave., Phoenix, AZ 85043 (“Daystar”).

Tools Needed

Quantity	Description
2	Frame Jack
1	Floor Jack
1	27mm Socket
1	23mm Deep Well Socket
1	21mm Socket
1	1/2” Ratchet
1	1/4” Ratchet
1	1/2” Deep Well Socket 1/4” Ratchet
1	21mm Ratcheting Box End Wrench
1	18mm Ratcheting Box End Wrench
1	10mm Open End Wrench
1	8mm Open End Wrench
4	Wheel Chocks
1	Coil Spring Compressor

Bill of Materials

Quantity	Part Number	Description
2	M21161	Front Leveling Spacer
2	M02378-BK-01	Front Extended Bump Stops
2	S10114	5/16” Nylock Nut
2	S10829	5/16 Flat Washer
1	P21138	Daystar Decal
1	P10474	Warning Decal

Installation Instructions

!Warning: Always work with appropriate personal safety gear including safety glasses, gloves and hearing protection if using air powered tools.

Begin by inspecting the components & hardware for damage. Then compare components & hardware to the bill of materials for completeness. If anything is missing/damaged, do not proceed with the installation. Please, call Daystar Products (800-595-7659) and we will send you the missing or damaged components free of charge.

!Caution: Vehicle front end must be raised to install leveling kit. Using a hydraulic chassis lift will greatly ease installation. If another jack is used, assure vehicle is level on a firm surface, in park (1st gear), rear wheels blocked and jack stands in place to support vehicle in case jack or vehicle shifts.

1. Longer shocks are required. Daystar Scorpion shocks part # KC09136 are specifically designed to be used with the leveling spacers. If you are not using the specified Daystar shocks, heed the following warning.

Warning: Dodge designed the shock to be the limiting component of the front suspension. This feature was retained with the Daystar leveling kit. Additional shock travel, under certain conditions, may allow the coil spring to become dislodged.

2. Chock the rear wheels and set the parking brake so the truck will not move during the lifting process.
3. With the truck on a hard level surface use a floor or bumper jack to raise the front of the vehicle.
4. Securely support the truck with two (2) frame jacks.
Tip: You will want to have the vehicle high enough off the ground to allow the front suspension to drop out completely.
5. Remove the wheels from the front driver and passenger sides of the truck.

Tools: 23mm deep socket, 1/2" ratchet.

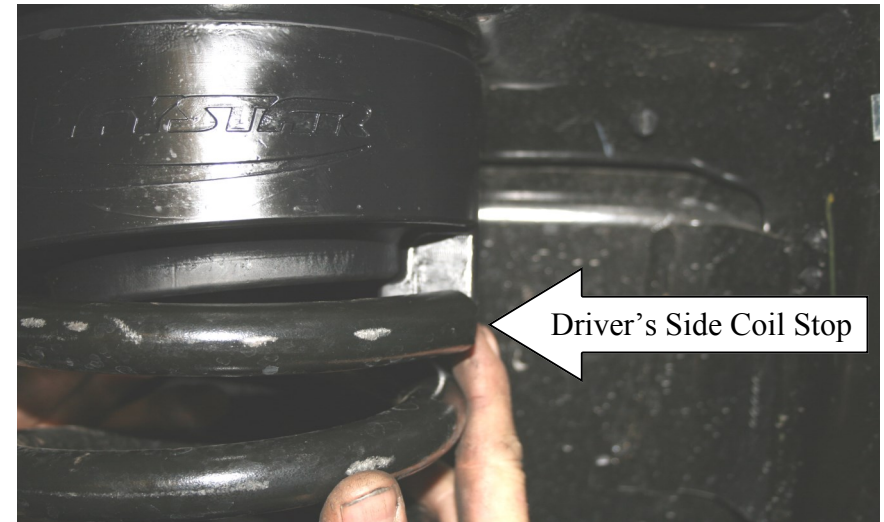
6. With a floor jack support the Driver side of the front axle, and compress it slightly.

Warning: Make sure that during the compression process the frame does not come off the frame jacks.

Tools: Floor jack.

18. With the floor jack raise the axle until the spring touches the Daystar spacer.

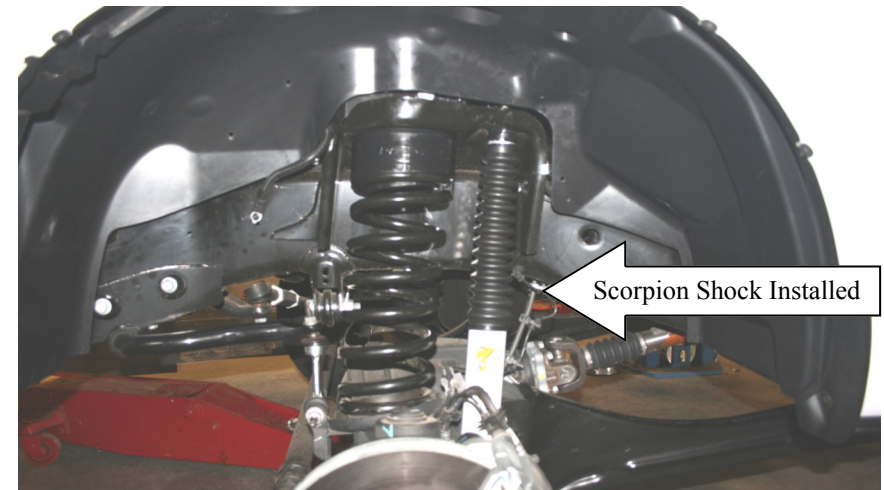
Tip: Make sure the end of the coil spring comes into contact with the coil stop cast into the Daystar Leveling Spacer. The orientation of the Driver and Passenger side coil spring stops are different. The Driver's side coil stop faces toward the tire, while the Passenger's side coil stop faces the shock.



19. Install Daystar Scorpion shocks.

Tip: Steel tube sleeve will need to be installed along with the lower hourglass shock grommet.

Tools: Upper nut: 19mm ratcheting box end wrench, 8mm open end wrench. Lower bolt: 21mm socket, 1/2" ratchet.



16. Install the Daystar extended bump stop.

Parts: Extended bump stop.

Note: It takes some effort to get the bump stop to seat. Some WD-40 will help with the process.



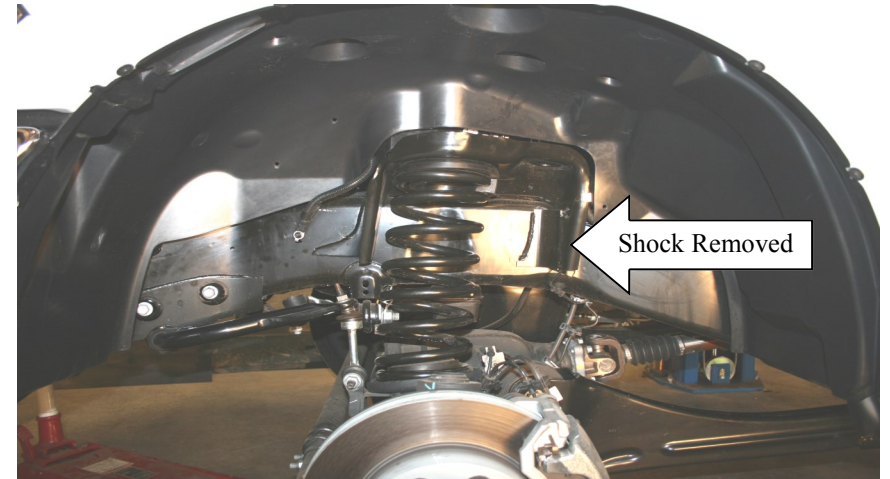
17. Reinstall the factory spring.

Tip: With the leveling spacer in place it may be required to use a spring compressor to reinstall the coil spring. Make sure the brake lines is not overextended during this process.



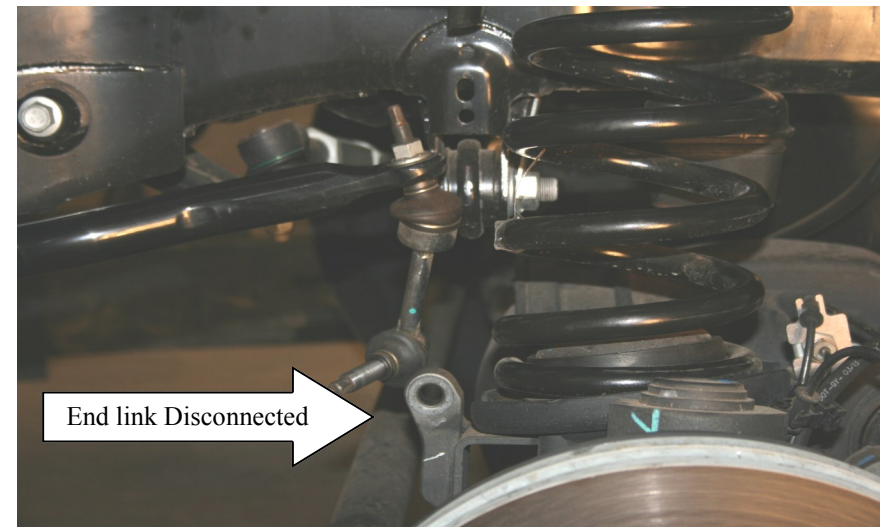
7. Remove the factory shock absorber.

Tools: Lower bolt: 21mm socket & 1/2" ratchet. Upper nut: 18mm ratcheting box end wrench, 8mm open end.



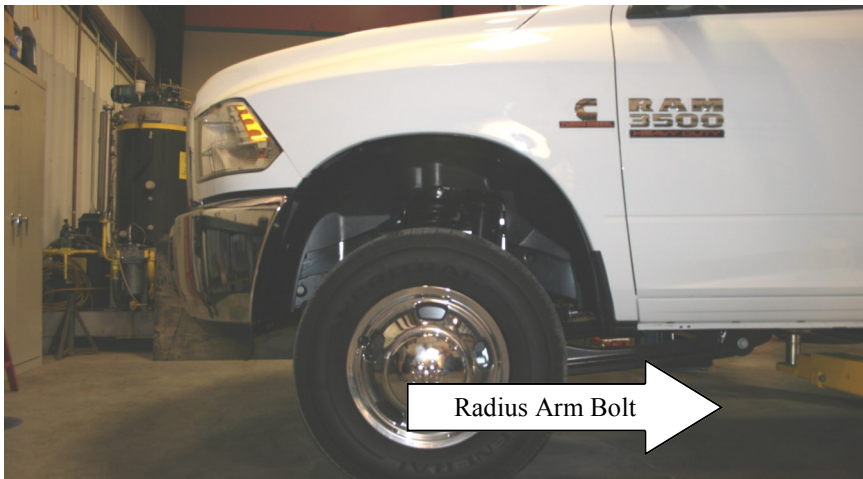
8. Disconnect sway bar end link at the axle.

Tools: 21mm ratcheting box end wrench, 10mm open end wrench.



9. Loosen, do not remove, the radius arm frame bolt on both the driver and passenger sides.

Tools: 27mm socket, 1/2" ratchet.



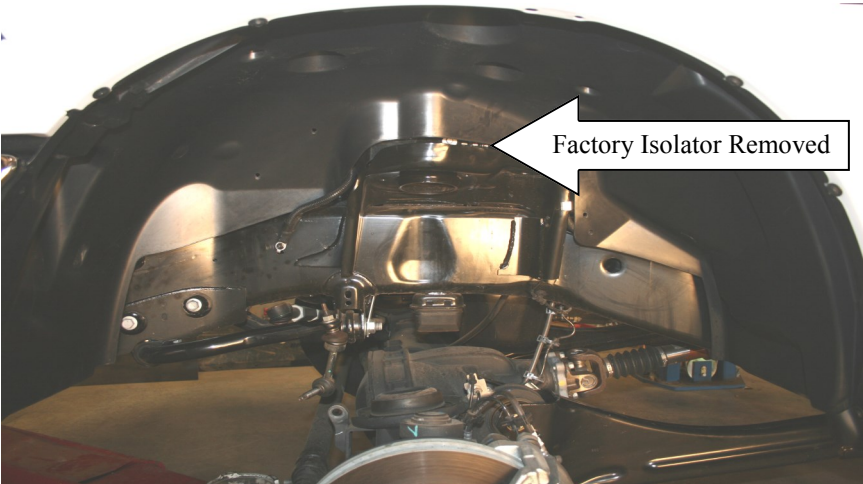
10. Lower the floor jack to relieve pressure on the coil spring.

Notice: Do not overextend the brake line.

11. Once the tension is released, remove the coil spring.

Tip: Take notice and mark the top of the spring.

!Caution: Coil spring maybe compressed even with axle/suspension at full travel. Use spring compressor during removal. Keeping hands and other body parts clear at all times.



12. Remove the factory upper spring isolator.

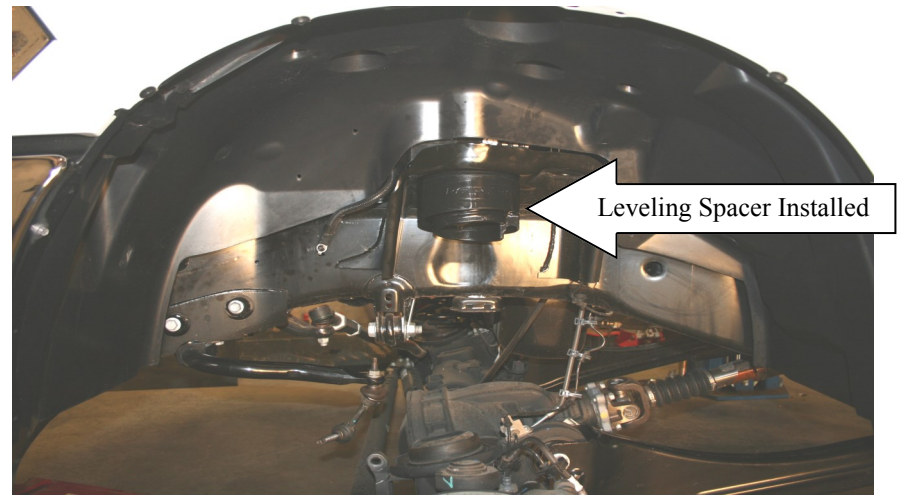
Tip: The Daystar leveling spacer's stud will locate using the same hole as the barb on the factory isolator.

13. Discard the factory spring isolator. It will not and cannot be used with the Daystar leveling spacer.

14. Install the Daystar leveling spacer. Torque nut to 30ft.lbs. Do not over tighten.

Parts: Leveling spacer, 5/16" flat washer & 5/16" nylock nut.

Tools: 1/4" ratchet, 1/2" deep socket.



15. Remove the factory bump stop. Discard the factory bump stop as it will no longer be used.

