



**Truck and Jeep Accessories**

**ESTABLISHED IN 1977**



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**Truck and Jeep Accessories**

**KC09139BK**

**2017 and UP RAM 1500 4WD FRONT AND REAR 2" LIFT KIT**

**KC09140BK**

**2017 and UP RAM 1500 2WD/4WD 1" REAR LIFT KIT**

**KC09113BK / KC09145BK / KC09146BK**

**2009 and UP RAM 1500 4WD FRONT 2" / 1/2" / 3/4" LIFT KIT**



**FRONT SPACERS & STUD EXTENDERS**

**REAR SPACERS**



[www.Daystarweb.com](http://www.Daystarweb.com)

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Instruction Sheet: INS09139

2019 Daystar Products International Inc.

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Revision Date: 2/1/2019

Revised by: MF

## 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 remain-

## **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](http://www.sema.org).



## **NOTES**

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Daystar® is proud to announce successfully completing Federal Motor Vehicle Safety Standard 126 compliance testing for many of our most popular Comfort Ride Lift and Leveling applications, including: Ford Super Duty, Chevy Silverado/GMC Sierra, Dodge Ram and Jeep JK. This highly specialized testing was conducted by an independent laboratory and performed on a test track where the true capabilities of the Daystar® Lift and Leveling Systems could be measured accurately to ensure they did not compromise the enhanced vehicle control provided by the OEM's Electronic Stability Control system.

## Tools Needed

Quantity	Description
1	Floor jack
2	Jack stand
2	Wheel chock
1	Lug wrench
1	Breaker Bar
1	Ratchet
1	Metric socket set
1	Metric wrench set
1	Torque wrench

**Bill of Materials / Part list**  
**FRONT KIT KC09142BK/KC09145/KC09146**  
**REAR KIT KC09140BK**  
**FRONT AND REAR KIT KC09139BK**

Quantity	Part Number	Description
	<b>KC09113</b>	<b>FRONT KIT</b>
2	M03703	Front Strut spacer
6	S11082	Stud Extenders
6	S10292	10mm 1.5 Lock nut elastic
	<b>KC09145</b>	<b>1/2" FRONT KIT</b>
2	M09145	Front Strut Spacer
	<b>KC09146</b>	<b>3/4" FRONT KIT</b>
2	M09146	Front Strut Spacer
	<b>KC09140</b>	<b>REAR KIT</b>
2	3000000	Rear Coil Spring Spacer
	<b>KC09139</b>	<b>FRONT AND REAR KIT</b>
-	-	KC09142 and KC09140 Components

## Installation Instruction

**!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 or damaged, do not proceed with the installation. Please, call Daystar Products (800-595-7659)

**!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.

## Front Suspension

1. Put the transmission in park or 1st gear for ( manual transmission ) and chock the rear tires.
2. Raise the front of the truck in accordance to manufacturer recommendations and support with jack stands. Raise the vehicle so that the front tires are off the ground.
3. Remove Front Tires







**Truck and Jeep Accessories**

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**SAFE & SECURE FLUID & GEAR STORAGE**

**NEW**



**Cam Can Trail Box**  
 KU711140R Cam Can Trail Box (Trail Box Only) \$69.99  
 KJ710350R Cam Can Trail Box (Jeep Complete Kit) \$129.99  
 KT710010R Cam Can Trail Box (Toyota Complete Kit) \$129.99



**A. Cam Can Drinking Water**  
 KU71114RB (Cam Can Only) \$59.99  
 KJ71035RB (Jeep Complete Kit) \$119.99  
 KT71001RB (Toyota Complete Kit) \$119.99

**B. Cam Can Fluids (Non-Fuel)**  
 KU71114GN (Cam Can Only) \$59.99  
 KJ71035GN (Jeep Complete Kit) \$119.99  
 KT71001GN (Toyota Complete Kit) \$119.99



**Cam Can Universal Mounting Kit**  
 KU71118 Mount your Cam Can on the garage wall, trailer or any other flat surface. \$49.99



**Double Cam Can Mount**  
 KU71116 Double-mount kit available. Includes a longer center shaft and allows you to stack two Cam Cans together on the mounting plate. \$19.99

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## AIR BAG CRADLE

MADE FROM EXTREMELY TOUGH DAYSTAR PTMEG POLYURETHANE **KU09140BK \$79.99**

Get all the benefits of an air bag cradle whether you are towing a heavy load or not




# GO EVERYWHERE

daystarproducts.com 800-595-7659

**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.

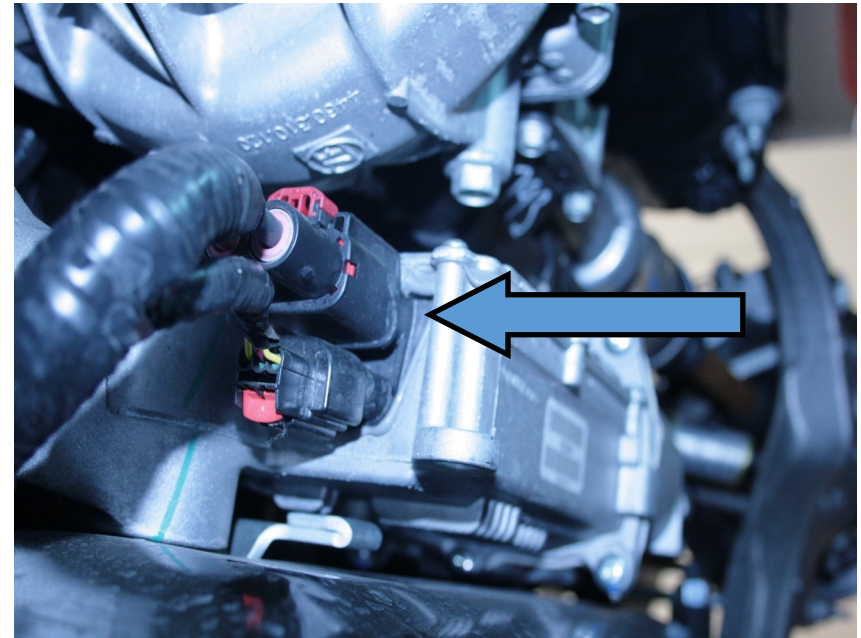
**Other Exclusions –Limitation of Damages - Your Rights Under State Law. Stuff Lawyers Say.**

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.

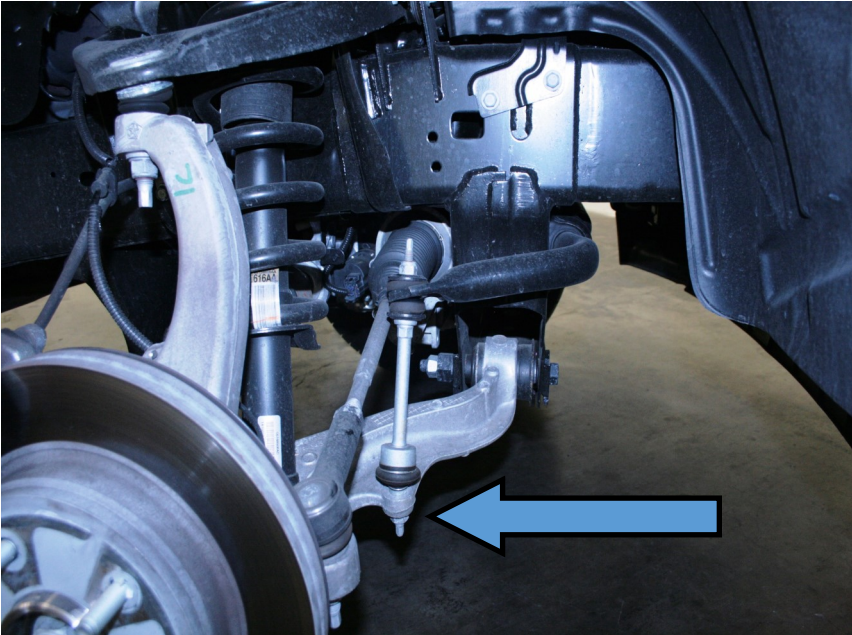
All other warranties are hereby disclaimed, except to the extent prohibited by applicable law in which case any implied warranty of merchantability, fitness for a particular purpose or other implied warranty are limited to a period of four (4) years from date of initial retail purchase. Daystar® reserves 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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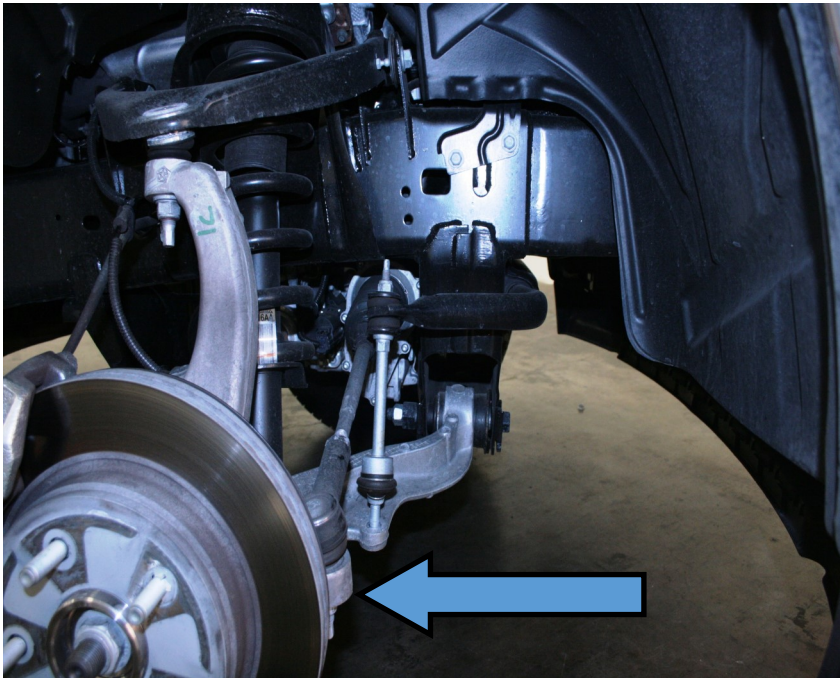
4. Disconnect The Electronic Steering Control. *Failure To do So Can Result In Damage To The Electronic Steering Control*



5. Remove the sway bar end link from the lower control arm



6. Loosen & Remove Tie Rod End Bolt



14. Torque the lug nuts to 85 ft.lbs. using an X pattern.

**!Caution: Have an alignment professional check and Adjust the alignment to factory specifications.**

15. With the vehicle on the ground 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.

16. 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.

17. After 25 miles of driving re-torque the lug nuts to 85 ft.lbs..

18. 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.

## 2” Lift Kit Installed

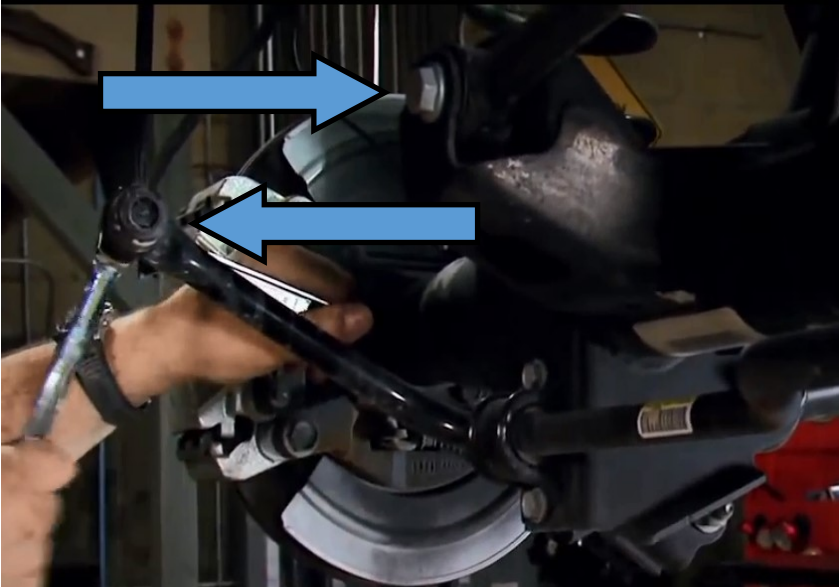


**Daystar® Lifetime GoEverywhere Limited Warranty**

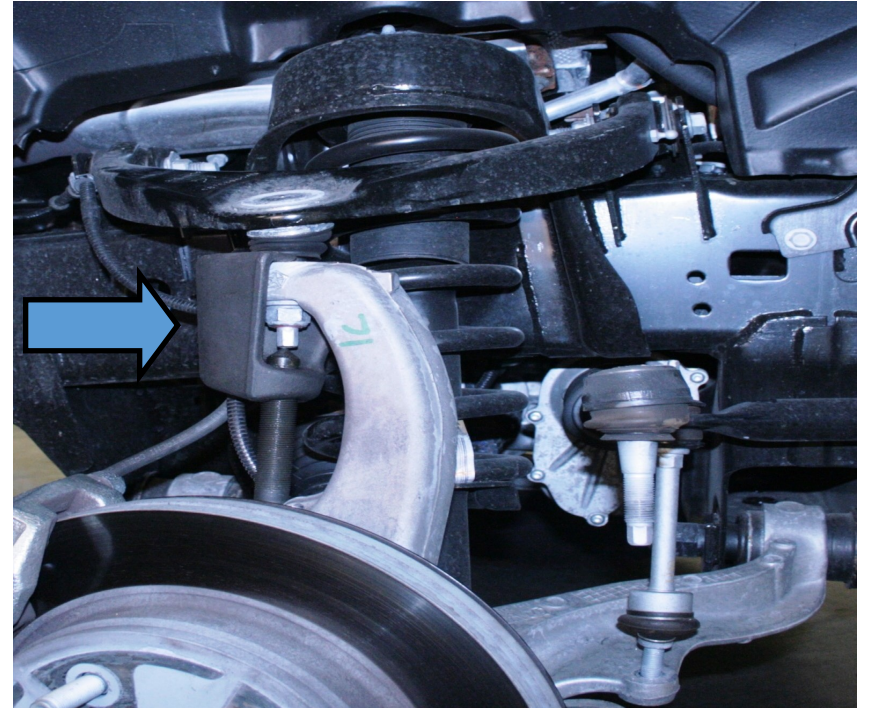
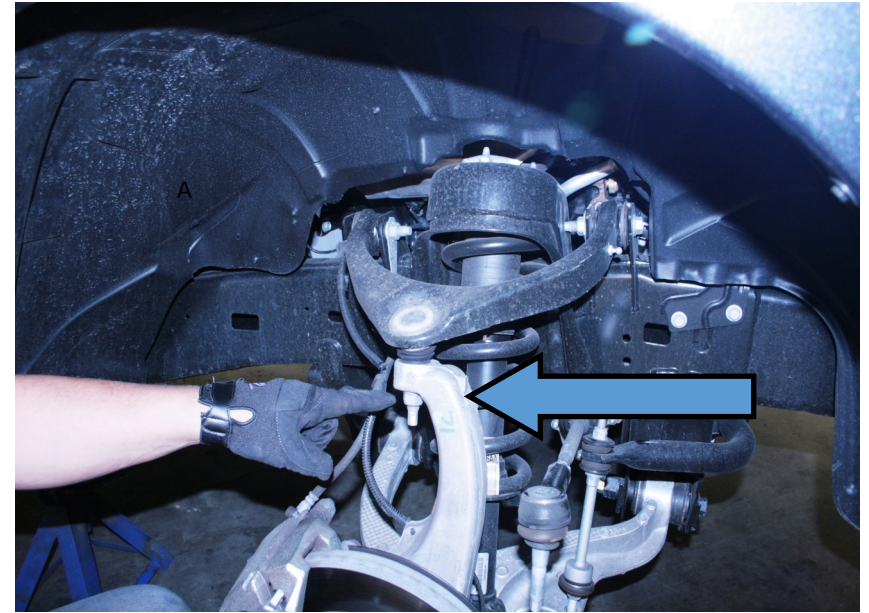
Your Daystar® Comfort Ride or Budget Boost leveling kit is covered by the following ***Go Everywhere Lifetime Limited Warranty***.

## Rear Suspension Cont.

6. On both sides, remove the sway bar end link nuts at the axle. On the driver side, remove the track bar bolt.

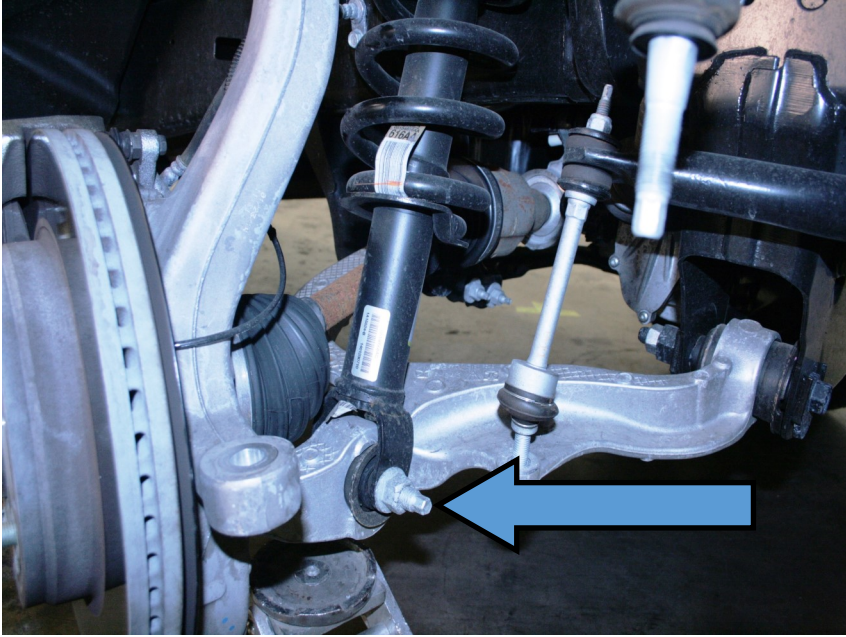


7. Remove the upper ball joint nut and separate the knuckle from the upper A-arm using the appropriate Puller tool

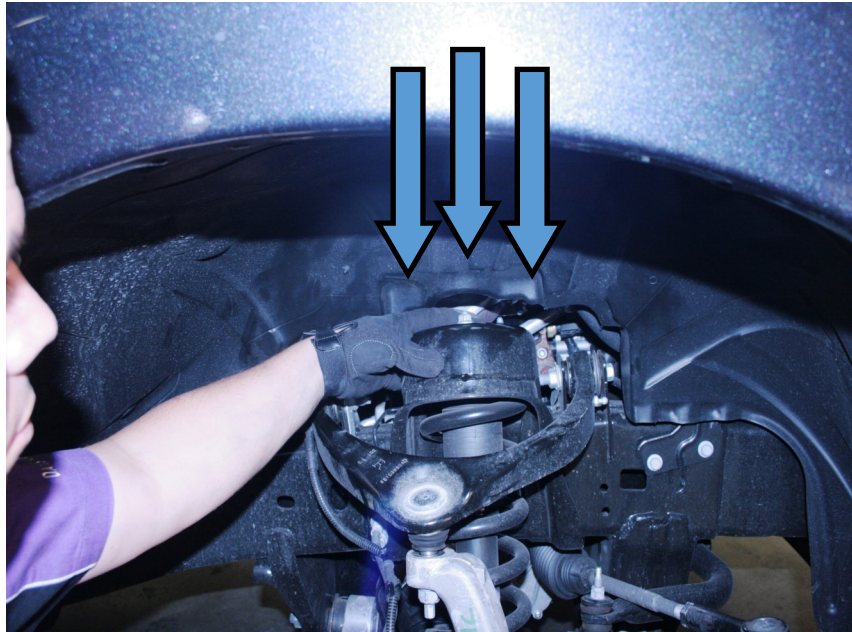


7. Lower the axle and remove the spring and stock spring isolator pad.
8. Install the lift spacer on the top of the spring with the spring properly positioned in the spacer helix. The factory isolator is not re-used.
9. Reinstall the spring/spacer assembly into spring seat with the spacer on top. Be sure the spring and spacer are properly seated on the axle and frame
10. Jack up the axle so you can reinstall the sway bar end link
11. Then then double check the installation.
12. Reinstall driver and passenger tires and wheels.
13. Remove jack stands and lower the truck back on the ground. Remove all jacks and jack stands from under vehicle.

8. Remove the lower strut bolt and nut. Retain the factory lower bolt for reassembly. Note the direction of the bolt for reassembly



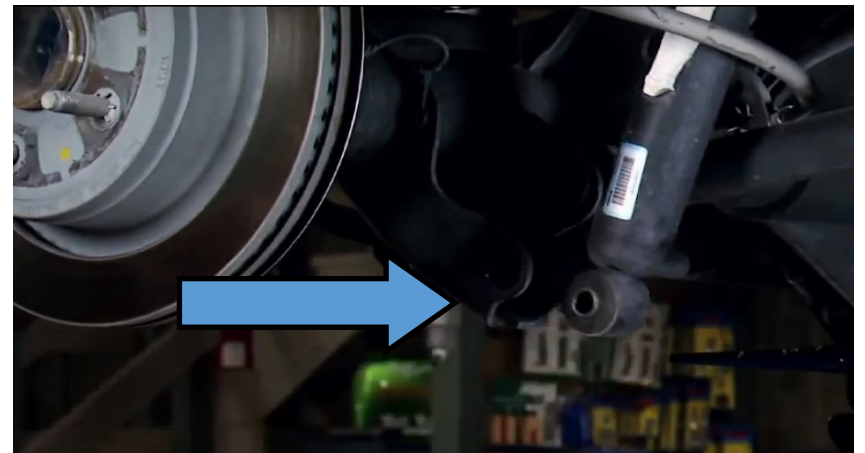
9. Remove the upper strut nuts on strut tower (3) per side.



## ***Truck and Jeep Accessories***

### **REAR SUSPENSION**

1. Read instructions completely, verify bill of materials and determine if you have the correct tools before beginning installation.
2. Chock front tires and raise the rear of vehicle placing jack stands under the frame rails so the tires are off the ground .
3. Support the rear axle with a floor jack.
4. Remove the rear wheels.
5. On both sides, remove the lower shock bolt and nut at the axle.





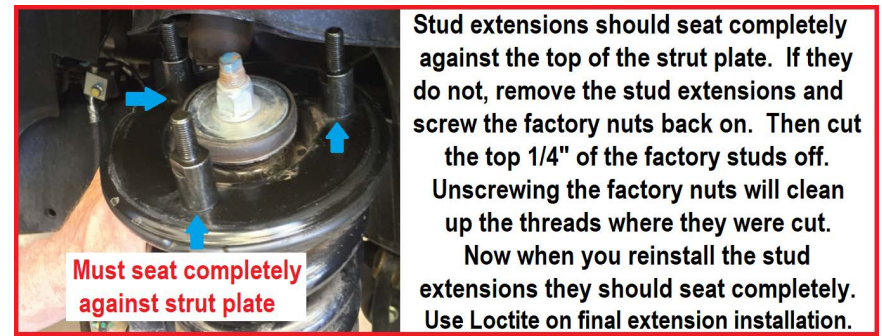
14. Torque all nuts and bolts to OEM specifications.
15. Install the wheels.
16. Remove jack stands and lower the truck back on the ground. Remove all jacks and jack stands from under vehicle.
17. Torque the lug nuts to 85ft.lbs. using an X pattern.

**!Caution: Have an alignment professional check and adjust the alignment to factory specifications.**

18. 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.
19. 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.
20. After 25 miles of driving re-torque the lug nuts to 85ft.lbs..
21. 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.



10. Remove the strut from the upper strut tower so you can install the spacer.
11. Trim the factory / OEM studs. (Kits with Stud Extenders Only)



12. Install the stud extenders over the stock strut studs, and use the supplied Loctite. (Kits with Stud Extenders Only)

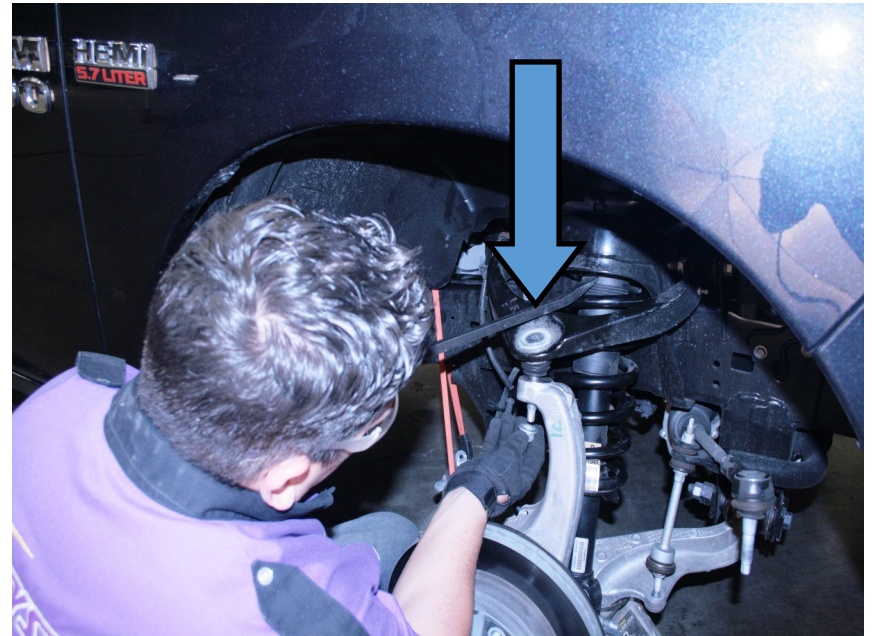
13. Install the spacer over the studs / stud extenders



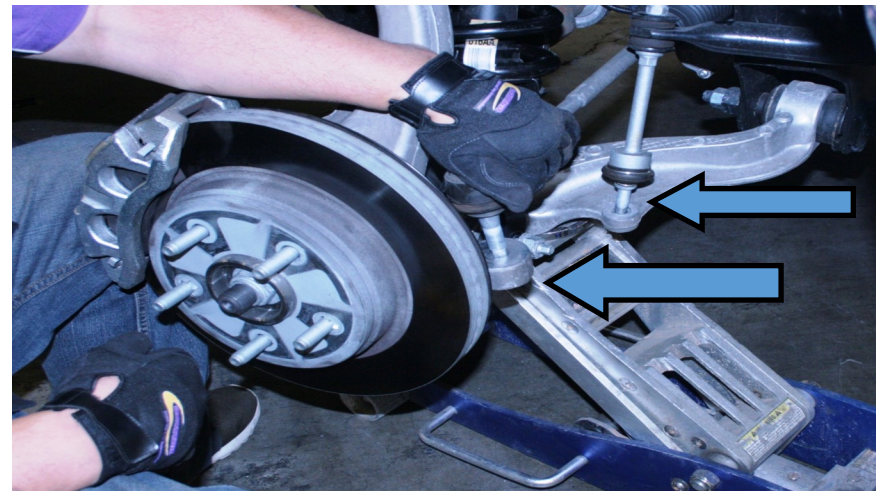
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14. Re-Install the strut to the strut bucket. Putting (1) nut on helps to hold the strut in place.

15. Install the strut to the strut tower. Using a floor jack, raise the lower control arm and reconnect the strut to the strut tower using the supplied nuts and washers.



17. Reconnect the lower tie rod end first, and then the sway bar.



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