



Watch Install Video

**KF09124BK  
FRONT SPACER LIFT KIT 2”  
2009 AND UP FORD F150 2WD &  
4WD EASY INSTALL KIT**



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Inc.

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Revised by: TY

**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

**!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).

## Tools Needed

Description	Qty
Pry Bar	1
Floor Jack	1
Jack Stands / Wheel chocks	2
Lug Wrench	1
10mm wrench	1
17mm wrench	1
20mm wrench	1
21mm wrench	1
Torque wrench	1

## Part List Bill of Materials

Part No.	Description	Qty
M20151	Front Spacer	2
S20150	Stud extenders	6
S10010	10mm Washer	6
S10292	10mm -1.5 lock nut	6
P11153	Thread lock / Decal	1

**IMPORTANT NOTICE :** The advertised amount of lift that this kit provides and the thickness of the spacers supplied will not be the same! For example, a 2-1/2" lift may only have 1-1/2" thick spacers. The reason for the difference between the spacer thickness and the amount of lift has to do with suspension geometry. There is a ratio involved, and it is this ratio that determines the thickness of the spacers. Rest assured, installing the spacer supplied will result in the proper amount

## 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 sur-**



face,  
park  
gear),  
wheels

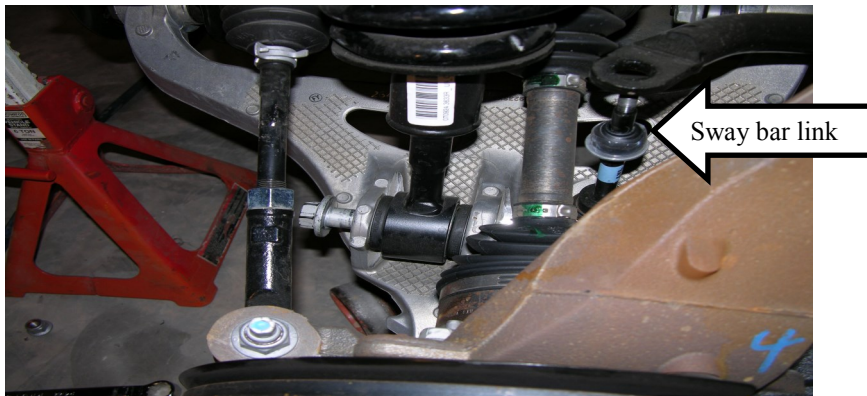


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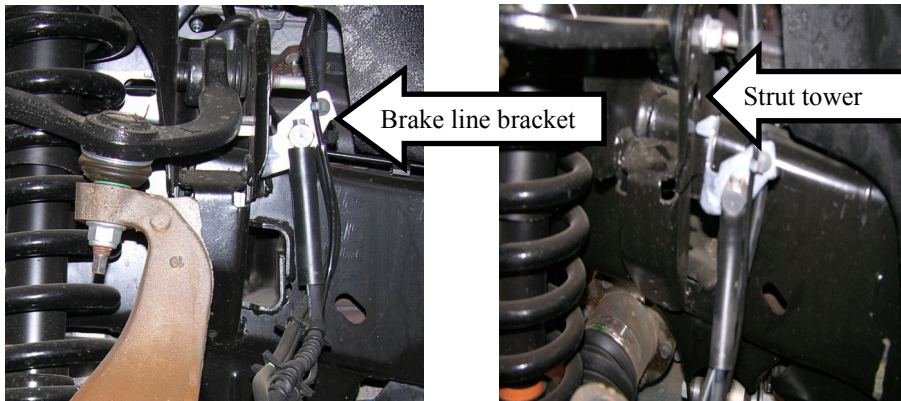
**blocked and jack stands in place to support vehicle in case jack or vehicle shifts.**

## Installation Instructions

1. Jack the front of the vehicle in accordance to manufacture recommendation, set parking brake and chock rear tires.
2. Support front end with jack stands so front tires are off ground
3. Remove the two front tires/wheels.
4. On 2011 models and if equipped with EPAS (Electronic Power Assist Steering ). Please unplug connection on the Steering assembly by the front differential.
5. Disconnect the sway bar end links at the top.



6. Disconnect the brake line bracket from strut tower.

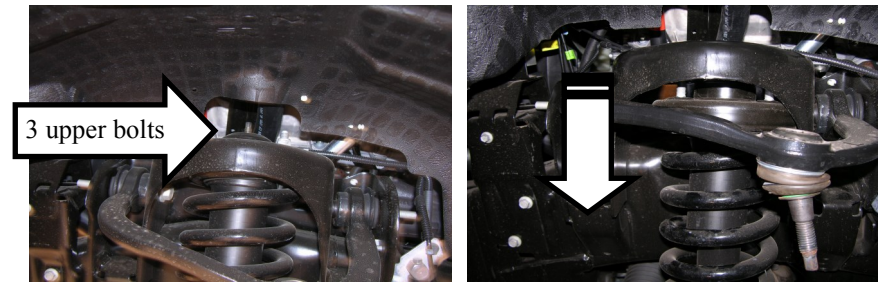


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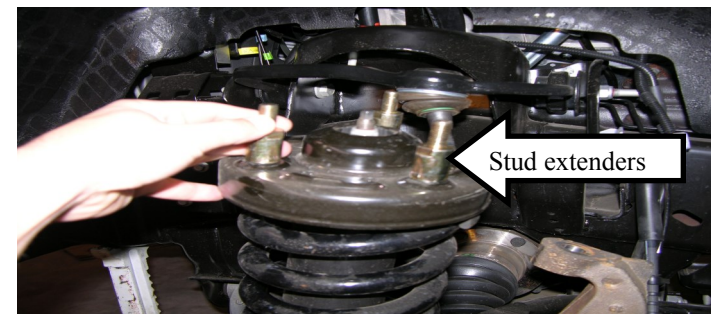
7. Separate the upper ball joint from the spindle. Use a ball joint separator or other suitable tool.



8. Remove the 3 upper strut mounting nuts on the top off the strut tower.

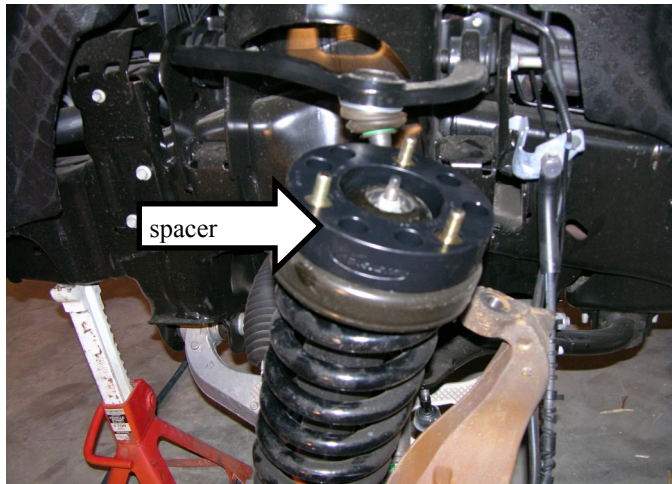


9. Loosen the lower strut bolt and nut and push the upper control arm up and pull the strut toward you.
10. You may need to grind 1/8" off the (3) factory studs .Before installing the new stud extenders .Apply thread lock to the (3) strut studs and install the stud extend-



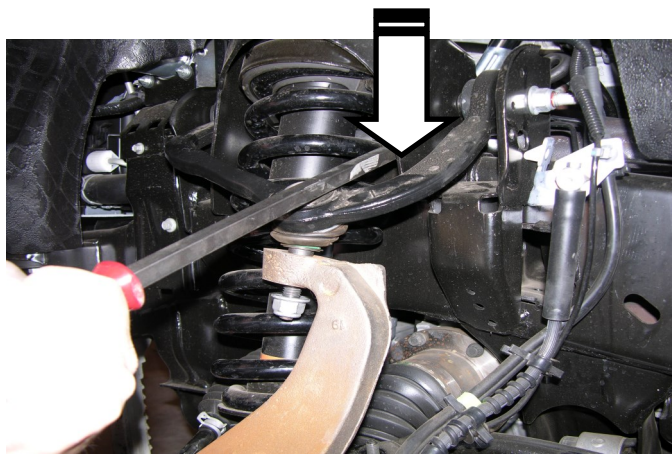
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11. Install the spacer lift on top of the strut plate.



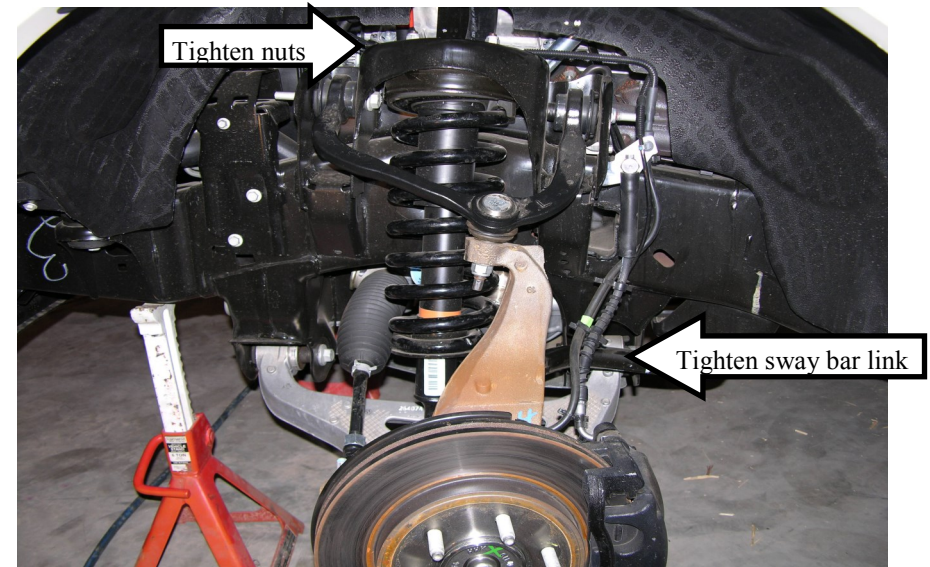
12. Push the upper control arm up and push the strut inward and place the jack under the lower control arm and jack up so the strut studs will go through the strut tower, use the new lock nuts and washers to install the strut.

13. With a pry bar pull down on the upper control arm to install the ball joint into the spindle and install the nut.

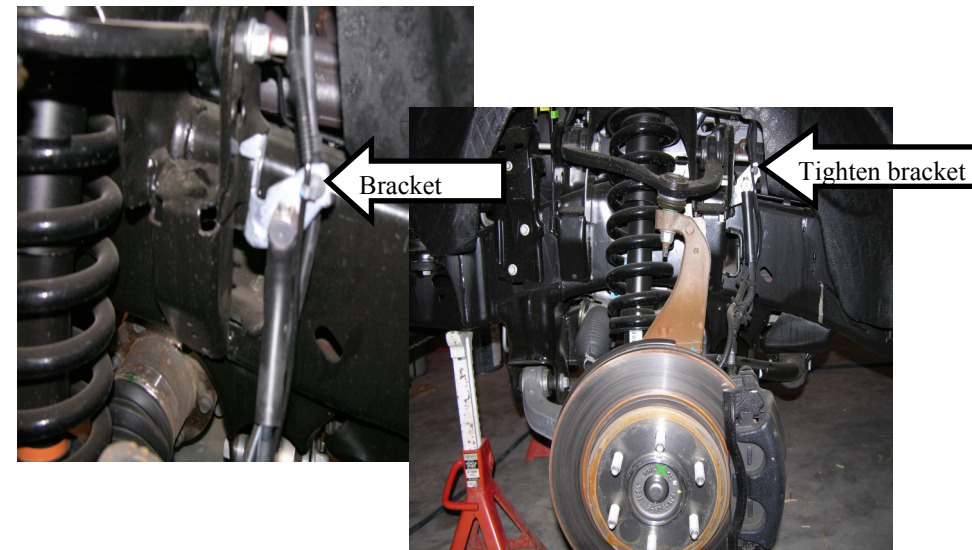


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14. With the ball joint nut installed on the ball joint tighten the

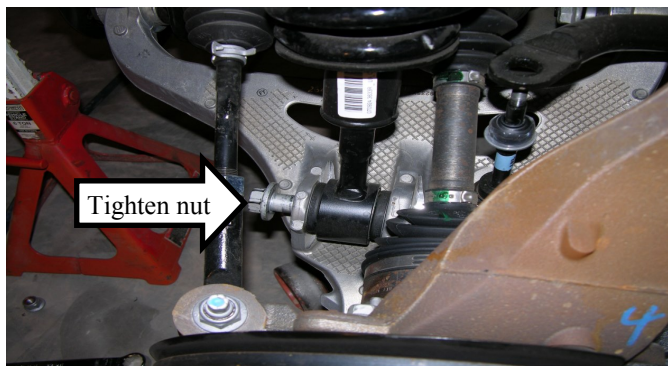


15. Reinstall the brake line bracket to the strut tower.



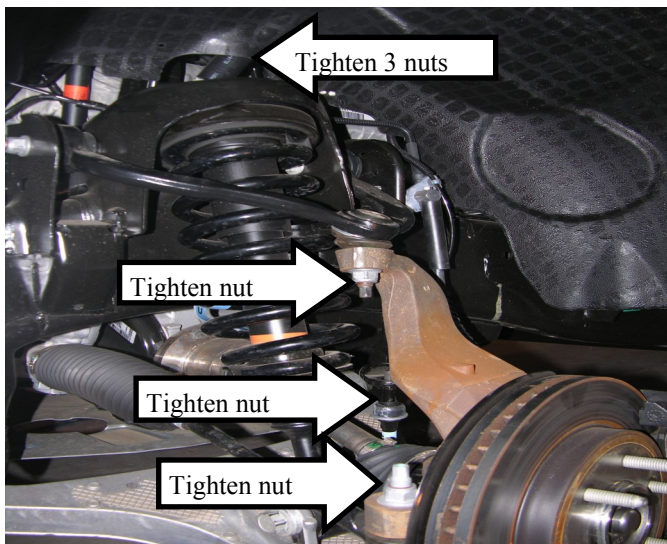
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16. Tighten the lower strut bolt and nut to factory specs.



17. Repeat steps 2 through 15 on other side of the vehicle.

18. After lift has been installed on both sides check to see that all the bolts and nuts are torqued to factory specifications.



19. Reinstall driver and passenger tires and wheels.

20. Remove jack stands and lower the truck back on the ground, remove all jacks and jack stands from under vehicle.

21. 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.**

22. 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.

23. 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.

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

25. After 500 miles of driving re-torque all of the hardware associated with the lift kit 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”).

**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

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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