



Truck and Jeep Accessories

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



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. 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.

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.

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.

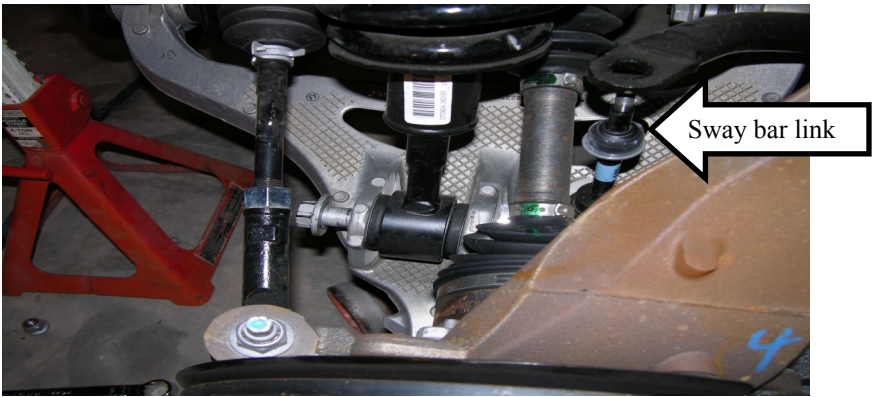
Begin by inspecting the components & hardware for damage. Then compare components & hardware to the bill of materials for completeness.

!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.

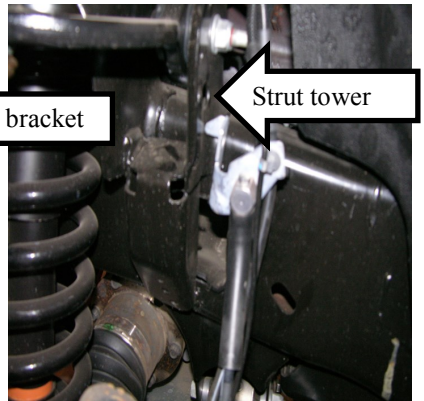
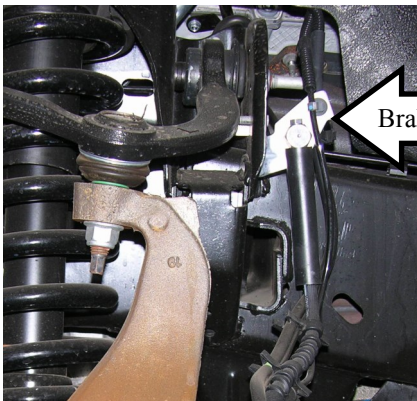


Installation Instructions

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.



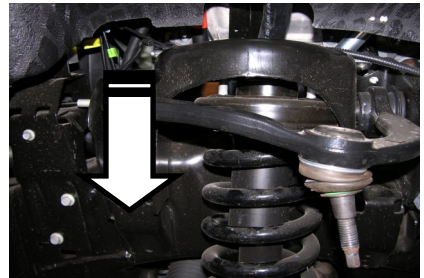
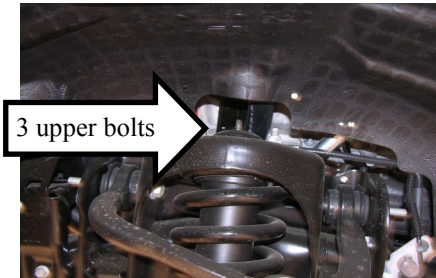
6. Disconnect the brake line bracket from strut tower.



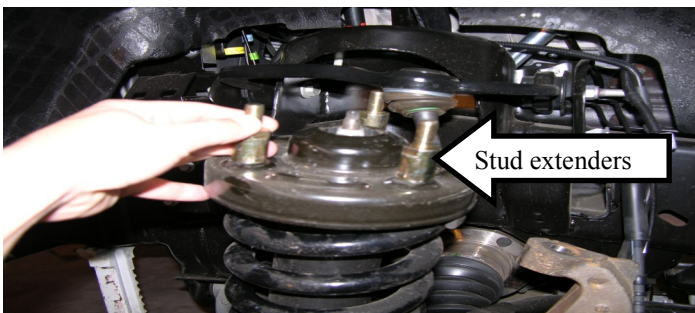
7. Separate the upper ball joint from the spindle. Use a ball joint separator or other suitable tool.



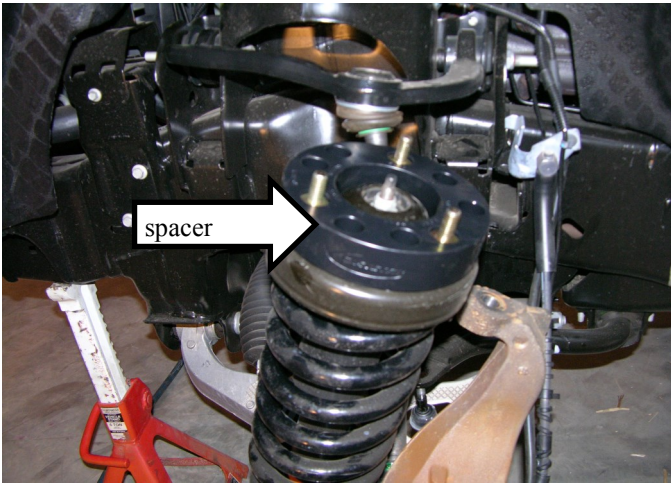
8. Remove the 3 upper strut mounting nuts on the top off the strut tower.



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-

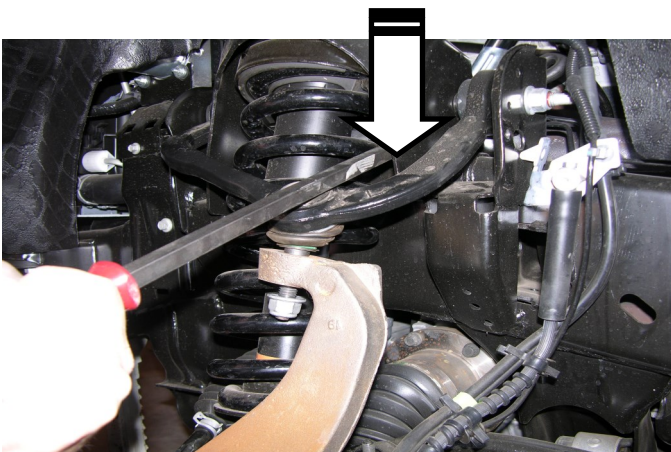


11. Install the spacer lift on top of the strut plate.

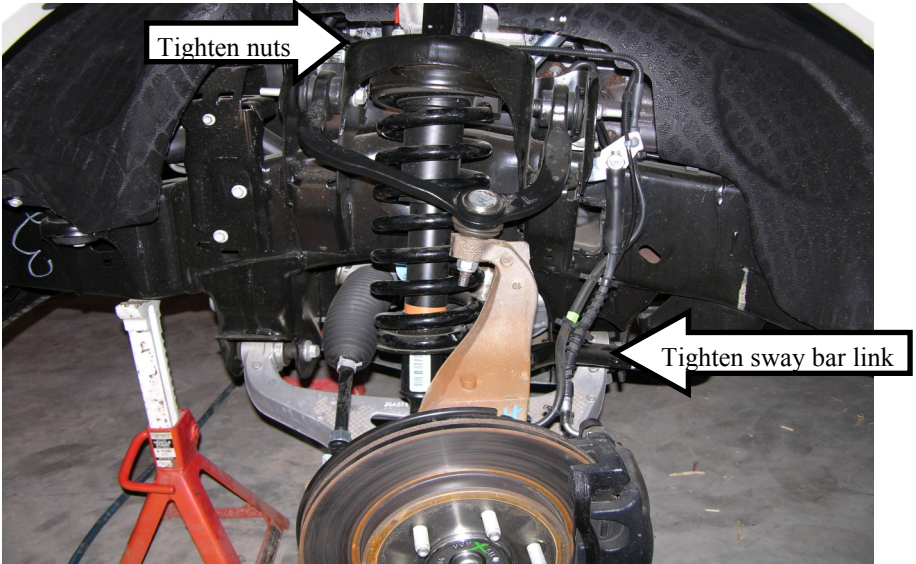


12. Push the upper control arm up and push the strut inward and place the jack under the lower control arm and jack up so the strut studs will go through the strut tower, use the new lock nuts and washers to install the strut.

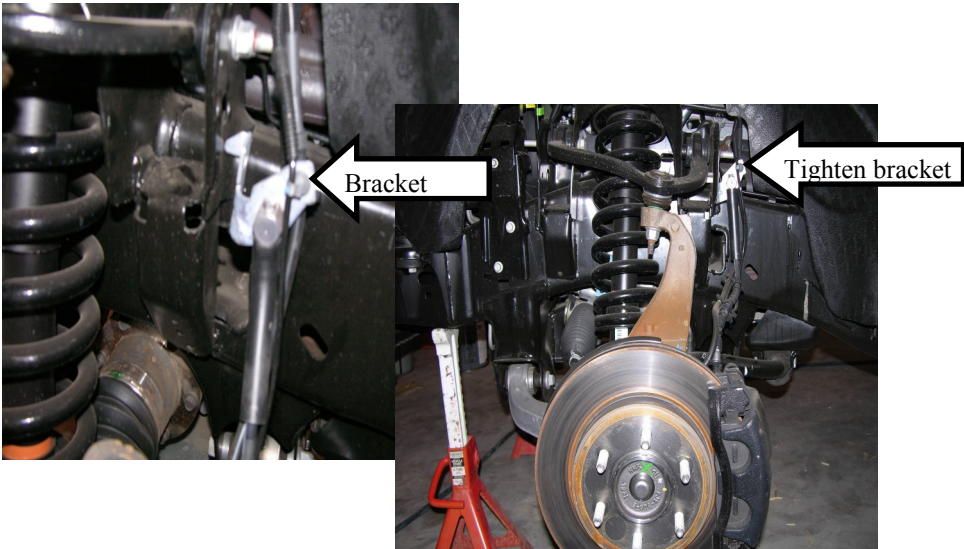
13 With a pry bar pull down on the upper control arm to install the ball joint into the spindle and install the nut.



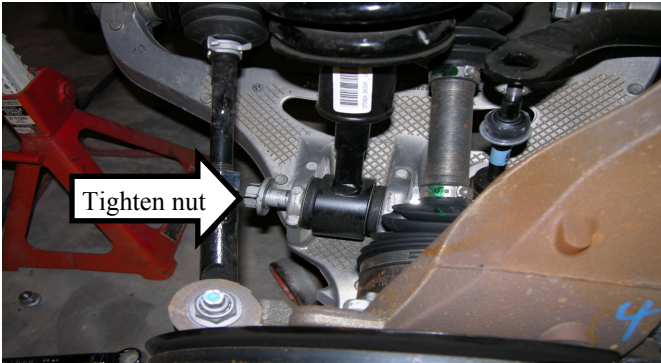
14. With the ball joint nut installed on the ball joint tighten the



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

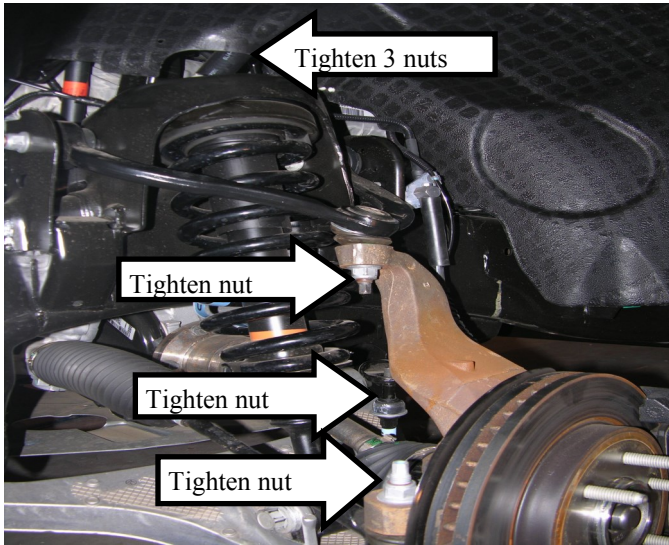


16. Tighten the lower strut bolt and nut to factory specs.



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 torque 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.