



# INSTALLATION INSTRUCTION

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**Part # FORD-SAS-BF150**

## Notice to Dealer / Consumer

**Important! Read all instructions before attempting any work on the vehicle.**

**Disclaimer Notice:** Installing this suspension system on any vehicle implies that you are in agreement with the following term and conditions with respect to that vehicle, the vehicle owner, and any or all occupants of said vehicle at any time:

- Sky Manufacturing is not responsible and cannot be held responsible for any conditions of said vehicle, including but not limited to the following: 1) Any and all adverse behavior, premature failure, or breakage caused by oversized tires and wheels, improper installation, failure to follow instructions, or any general negligence caused by installer or owner of said vehicle. 2) Any breakage or premature failure caused by racing or driver negligence. 3) Any incident determined to be caused by an increase height in said vehicle's center of gravity. 4) Any incident determined to be caused by improper installation. 5) Any incident determined to be caused by a failure of materials.
- Sky Manufacturing is to be held harmless by the installer of this suspension component, owner of said vehicle, and any parties related directly or indirectly to said vehicle or owner of said vehicle. Sky Manufacturing is to be held harmless by all parties mentioned during the course of any and all circumstances or incidence resulting from the installation of this suspension component.

It is not the intention of Sky Manufacturing that said vehicle be modified for use on public highways sanctioned by the Department of Transportation, or any state or local governing body. Vehicle owner accepts sole responsibility for ensuring that said vehicle is not in violation of local, state, or federal laws or vehicle code. Please check local vehicle laws and regulations before modifying your vehicle.

**By installing this kit or having this kit installed on your vehicle, you are implying that you agree to the above terms and conditions. Please do not install this system if you do not agree.**

### **WARNING:**

**Vehicles modified for Off-road use may handle differently and vehicle may roll-over.**

Vehicles modified for off-road use are generally do not improve in cornering or maneuverability on the highway, therefore it is imperative to familiarize yourself and all operators with the specific driving characteristics of the vehicle. Failure to operate in a safe and conservative manner may cause you, your passengers, and/or third parties to suffer serious injury or even death if control is lost.

Always wear your seatbelt and shoulder harness. Seatbelts not only help to protect occupants from injury but also keep the driver behind the wheel and in control when operating in rough terrain. Always remain on trails and observe conservation techniques while operating your vehicle.

There are no specific directions to install this product due to the number of combinations of springs, axles, lifts etc. possible. Professional installation is recommended. This kit requires knowledge of suspension design, fabrication and welding skills.

**If you lack those, do not purchase this kit!**

## 85-97' 52" Springs:

Using a plumb bob mark the center line of your front wheels.

The front hanger will sit against the factory sway bar mounts on the frame. Orient the hanger so that the spring hanger hole is closer to the rear. Square it from side to side and tack in place.



For shackle hanger placement measure 50.5" from spring hanger eye to shackle hanger eye and tack the shackle hangers in place. Hang shackles and start bolting the axle under. Verify everything is square and sitting where it is supposed to be before welding, drilling etc.

## 99-04' 56" Springs:

Using a plumb bob mark the center line of your front wheels.

The front hanger will mount approximately 4" forward from the factory sway bar mounts on the frame. Or about 4" from the inside of the rear leg of the body mount as pictured. Orient the hanger so that the spring hanger hole is closer to the front. Square it side to side and double check from the rear spring bolts it is square. Verify your frame is square as well.



If you have crumple zones we recommend plating them as shown.



For shackle hanger placement measure 54.5" from spring hanger eye to shackle hanger eye and tack the shackle hangers in place. This will place the shackle hanger in between the body mount as shown. Hang shackles and start bolting the axle under.

Verify everything is square and sitting where it is supposed to be before welding, drilling etc. See pictures for reference.

