



## 2005 Ford Super Duty 2.5" Installation Instructions

### REQUIRED TOOL LIST:

- \* Metric and Standard wrenches and sockets
- \* Floor Jack
- \* Jack Stands
- \* Measuring Tape
- \* Torque Wrench

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Before beginning the installation, read these instructions and the enclosed driver's WARNING NOTICE thoroughly and completely. Also affix the WARNING decal in passenger compartment in clear view of all occupants. If any of these items are missing from this instruction packet, do not proceed with installation, but call SKYJACKER<sup>®</sup> to obtain needed items. If you have any questions or reservations about installing this lift kit, call SKYJACKER<sup>®</sup> at 318-388-0816 for Technical Assistance or Customer Service departments.

Make sure you park the vehicle on a level concrete or asphalt surface. Many times a vehicle is uneven (side-to-side) from the factory, but usually not noticed until a lift kit has been installed which makes the difference more visible. Using a measuring tape, measure the front and rear (both sides) from the ground up to the center of the fender opening above the axle. Record below for future reference.

Driver Side Front: \_\_\_\_\_ Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_ Passenger Side Rear: \_\_\_\_\_

### **IMPORTANT NOTES:**

- If larger tires (10% more than stock diameter) are installed, speedometer recalibration is necessary (see Ford dealer or Tire Store).
- This lift is determined from the front while only lifting the rear to a position level with the front.
- After installation occurs, a qualified alignment facility is required to align the vehicle to factory specs.
- Be sure to adjust headlights after installation occurs.

## **Front Installation:**

1. Park the vehicle on level ground, set the emergency brake, and block the rear tires. Raise the vehicle and support frame rails using jack stands.
2. While supporting front axle with floor jack, remove tires and wheels. Remove front sway bar end links using 18mm and 21mm socket. (See Photo #1). Disconnect drag link from pitman arm. Disconnect the upper brake line bracket from the upper coil bucket and disconnect the brakeline bracket from the axle.
3. Disconnect the track bar from the track bar bracket using a 1 3/16" socket. (See Photo #2). Remove both brakeline brackets from the outside of the coil spring buckets on the frame using 10mm socket.
4. Remove the front shocks from the vehicle. Lower the axle down so that the coil springs become loose and remove. (See Photo #3) Be sure to retain the upper rubber isolator pads, they will be used again on the new coil springs. (See Photo #4)
5. Place the new factory isolator pad on the new Skyjacker Softride® coil spring. Install the new coil spring and Skyjacker shocks. (See Photo #5). Reinstall track bar and torque to factory specifications, let the weight of the vehicle onto the ground.
6. Install rear add-a-leaves using instructions supplied with rear add-a-leaf part # R3510.
7. With the vehicle on the ground, If the front axle is not centered left to right after installation, a track bar relocation bracket may be required. If so, Order Skyjacker part# TB520 (See Photo #6)



**Photo #1**



**Photo #2**



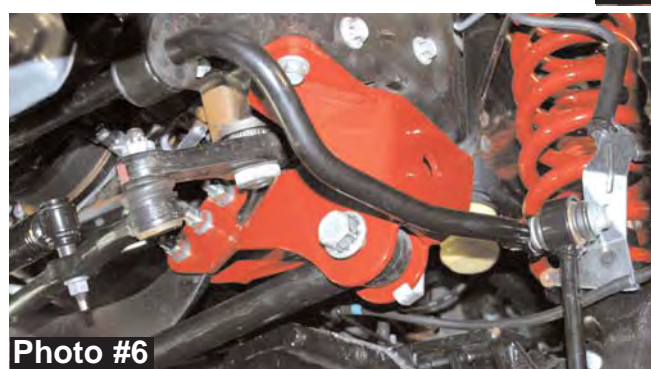
**Photo #3**



**Photo #4**



**Photo #5**



**Photo #6**