



# ICON VEHICLE DYNAMICS

1580 Commerce St. Corona, CA 92880  
ph. 951.272.ICON fx. 951.272.4IVD

## ***Instruction Sheet:***

**Part No. 6-1900**

**Coil Over Mount**

**2005-2007 Ford Super Duty F250/F350 4WD**

## ***Enclosed Parts:***

- (2) Coil Over Mounts
- (2) Brake Line Kits
- (2) Lower Shock Mounts
- (1) Hardware Kit

## **FRONT SUSPENSION INSTALLATION**

1. Jack up the front end of the truck and support the frame at the front frame rails with jack stands. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove front tires.
2. **This kit will be used in conjunction with our 4-link kit and box kit. Please refer to those instructions for the proper installation of those parts.**
3. Disconnect the upper and lower brake line brackets.



4. Support the axle housing with a floor jack and remove the front shocks. The shocks are limiting droop so MAKE SURE THE AXLE IS SUPPORTED OR THE AXLE WILL FALL when the shocks are removed
5. As you continue to slowly lower the axle the coils will unload from the mounts and you can remove them.
6. Pull the front bump stops out of the bump stop plate. Remove the bolt in the center of the plate. Save bump stop and plate for re-installation later.
7. Remove the pan rod bar and bracket
8. Remove the factory coil buckets. There are 5 rivets on the side of the frame and 2 on the bottom of the frame that need to be removed to take the bucket off. There are a number of ways to remove rivets. We recommend using a die grinder and an air hammer. First use a die grinder with a cut off wheel to grind a slit in the head of the rivet. Then use the air hammer with a chisel tip to shear the head off the rivet. Now using a blunt point in the air hammer drive the rivet out. After a couple of rivets are removed ream them with a 1/2" drill and install a 1/2" bolt from the hardware kit to hold the stock bucket alignment while the remaining rivets are removed and reamed. Remove the bucket from the frame
9. Install the hoop using the 1/2" x 1.5" bolts. Use two flat washers and a nylock nut for each bolt. The rear of the hoop uses a large silver washer on the back of the frame. Re-install the factory bump stop plate and bump stop.
10. Remove the factory lower spring seat from the axle and install the new lower shock mount using the supplied M14 bolt. Attach ABS lines to the tabs on the lower mount.

11. Install coil over shock body up, reservoirs forward, using the ½" x 3" bolts. Secure the reservoir to the front hoop tube with the shock spacers and hose clamps. It will be necessary to have the suspension dropped to fit the shock into place.
12. If you are running a secondary shock, then install at this time and secure reservoir to the rear hoop tube. The step sleeves provided will need to be inserted into the lower shock eye, on the shaft end of the shock, to accommodate the use of the factory bolts. The upper mount will use a ½" x 3" bolt.
13. Install the new brake lines as shown and bleed brakes. **(Check your vehicle owner's manual for proper procedures for bleeding your brakes.)**



**RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.**

**For technical assistance or suggestions on how to make our product better call (951) 272-ICON Monday-Friday between the hours of 8am-12pm and 1pm-5pm Pacific-standard time, certain holidays excluded.**

***Icon Vehicle Dynamics* LIMITED LIFETIME WARRANTY**

*Icon Vehicle Dynamics* warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. *Icon Vehicle Dynamics* does not warrant the product for finish, alterations, modifications and/or installation contrary to *Icon Vehicle Dynamics* instructions. *Icon Vehicle Dynamics* products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

*Icon Vehicle Dynamics* obligation under this warranty is limited to the repair or replacement, at *Icon Vehicle Dynamics*' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty.

Items that are subject to wear are not considered defective when worn and are not covered.

Coil over take-apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. We do not warranty any other product not directly manufactured by *Icon Vehicle Dynamics*.

*Icon Vehicle Dynamics* components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty.

Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.