

DUAL-ADJUSTABLE FRONT LIFT/LEVELING KIT INSTALLATION

FORD F250/350 4WD

IMPORTANT!

Read ALL WARNINGS and information contained in these instructions PRIOR to installing this product. Vehicle Owner MUST be provided the IMPORTANT VEHICLE OWNER'S INFORMATION section of these instructions after installation of this product.

Bill of Materials

- (1) Installation Instructions & Warnings
- (2) 2.0" Forged Spring Seat Blocks (Ill. #1)
- (2) 0.5" Spring Seat Blocks (Ill. #2)
- (2) RH & LH Shock Extenders and Hardware (Ill. #3)
- (2) 4.0" 12.9 Grade Bolts (Ill. #4)
- (2) 4.5" 12.9 Grade Bolts (Ill. #5)



ALWAYS WEAR PROPER EYE PROTECTION & USE TOOLS SPECIFIC TO THE JOB!

Step 1: Measure ORIGINAL ride height. Take a measurement from the bottom of the wheel/rim to the lip of the fender on **each side** of the vehicle. Write down measurements to help in determining ride height for new kit being installed in step 8. **Make special note of any differences in side-to-side front ride height.**



(Figure A)

TIP!: Using Spring Clamps to keep springs slightly compressed will greatly aid in the removal & reinstallation of Coil Springs. (Figure A)

Step 2: Position vehicle on a flat surface or automotive lift. Suspend front wheels, lifting by the frame with a floor jack or lift jack. Secure using jack stands and wheel chocks. Be sure engine is turned OFF and vehicle is in PARK. Remove tire/wheel assembly.



(Figure B)

Step 3: Remove the Lower Shock Mounting Bolts. Retain fastening hardware for reuse in step 12. (Figure B)

Step 4: Remove the brake line and ABS wire brackets. Retain fastening hardware for reuse in steps 10 & 11. (Figure C)



(Figure C)

Step 5: Support axle with suitable bottle jack or Floor jack. (Figure D)

Step 6: Remove OE Lower Spring Seat Bolt.

Step 7: Remove the Sway Bar Link Bolt, then **CAREFULLY** lower the jack supporting the axle and remove the Coil Spring & Lower Spring Seat. **CAUTION!** The axle assembly is heavy and can cause injury to technician or damage to other components if lowered too quickly or if not properly supported! (Figure E)



(Figure D)

Step 8: Install new 2.0" Spring Seat Block alone for a 2.0" ride height change, and/or the 0.5" Spring Seat Block for a 2.5" ride height change, per the ride height readings and preferences from step 1. **REINSTALL the OE Lower Spring Seat on TOP of the new Spring Seat Block(s) as shown. (Figure F)** **IMPORTANT!** Use the 4.0" bolts if using the 2.0" block alone, and the 4.5" bolts if combining both the 2.0" AND 0.5" Spring Seat Blocks together. Torque new Lower Spring Seat Bolt to manufacturer's specifications.

Step 9: Reinstall the Coil Springs and reapply pressure to the axle by jacking up the front of the vehicle to apply pressure to the coil.

Step 10: Reinstall the brake line, securing to the new 2.0" Spring Seat Block using the original fasteners from Step 4. Applying a slight "bend" to the bracket will allow more freedom to the brake line. **(Figure G)**

Step 11: Reinstall the ABS lines, attaching to the OE Spring Seat using the original fasteners from Step 4. **(Figure H)**

Step 12: Each Shock Extender is marked with either a "D" for Driver's Side or a "P" for Passenger's Side. Install new Shock Extenders, securing to the frame with the OE Lower Shock Mounting Bolts from step 3. Reinstall shock absorbers and secure to Shock Extenders using new hardware, provided. **(Figure I)**

Step 13: Reconnect Sway Bar Link.

Step 14: CAREFULLY remove Spring Clamps.

Step 15: Check all fasteners for proper torque. Check to ensure there is adequate clearance between all rotating, mobile, fixed and heated members. Check steering for interference and proper working order. Test brake system.

Step 16: Reinstall wheels, and **PERFORM A COMPLETE WHEEL ALIGNMENT**, utilizing a Certified Alignment Technician with experience working on lifted vehicles.

Step 17: **ADJUST HEADLIGHTS** to accommodate new front ride height position.



(Figure E)



(Figure F)



(Figure G)



(Figure H)



(Figure I)

IMPORTANT VEHICLE OWNER'S INFORMATION

FORD F250/F350 4WD

WARNING

This product should only be installed by an ASE certified professional mechanic with proper tools and safety equipment.

Installation of this product modifies vehicle ride height. The driver of this vehicle should avoid unnecessary or abrupt maneuvers, sharp turns and other driving conditions that could lead to rollover or other serious accident. This product will affect vehicle center of gravity resulting in less than the original OE stability characteristics.

The manufacturer of this product releases itself from any liability or consequence, inclusive but not limited to personal injury, failure of components or damage to vehicle or person as a result of installing this product.

Warranties may be declined for any parts installed by any person other than an ASE certified professional. No warranty will be made for any other OEM or aftermarket components that may be affected by the installation of this product either in use or during installation. This kit is intended for use on stock suspensions WITHOUT any previous modifications whatsoever. Installation of this kit in conjunction with other aftermarket products will be done at vehicle owner's own risk, and voids any and all warranties.

Installation of this part MAY limit or void some vehicle manufacturer's warranties!

ALWAYS DRIVE SAFELY, REDUCE SPEED, AND WEAR YOUR SEAT BELT.

LIMITED LIFETIME WARRANTY

This product is warranted to be free of defects in materials and workmanship to the original purchaser on the vehicle in which it is originally installed. This warranty does not cover loss of time, labor, or any other components as a result of damage. This warranty may be void if this product is installed by any person other than an ASE certified professional.