3-in-1
REAR SPRING BLOCK KIT INSTALLATION

FORD F150 4WD

2004-2008 1.0”, 1.5”, 2.0” Lift Options

2009-Newer 1.75”, 2.25”, 2.75” Lift Options

U.S. PATENT NOs. 8,317,211B1 & U.S. D672288. OTHER PATENTS PENDING

<u>IMPORTANT!</u> 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 product has been installed.

EACH KIT INCLUDES:

(1) Installation Instructions & Warnings

(2) Interlocking 3-in-1 OEM-Style Cast Iron Blocks

(4) OEM Grade U-Bolts

(8) OEM Grade Nuts & Washers

<u>ALWAYS WEAR PROPER EYE PROTECTION & USE TOOLS SPECIFIC TO THE JOB!</u>

<u>Step 1</u>: Measure ORIGINAL STOCK ride height. On a flat, solid surface, take a measurement from the wheel/rim to the lip of the fender on each side of the vehicle, **FRONT & REAR**. Write down measurements to help in determining ride height for new kit being installed. **(Figure A)**

Figure A

LEFT FRONT _____ RIGHT FRONT _____ LEFT REAR _____ RIGHT REAR _____

<u>Step 2</u>: Position vehicle on a flat, stable surface or on a professional automotive lift. Be sure engine is turned OFF and vehicle is in PARK. Secure using wheel chocks, and apply emergency brake.

<u>Step 3</u>: Raise the vehicle by the frame **(Figure B)**, and support rear axle. **(Figure C)**

Figure B

Figure C

<u>Step</u> 4: Working on one side of the truck at a time, remove the four U-bolt nuts and the lower U-bolt axle bracket. **(Figure D)**

Figure D

<u>Step 5</u>: CAREFULLY lower the rear axle until enough space is evident to remove OE Block. Remove U-bolts. **(Figure E)**

Figure E

<u>Step 6</u>: Determine whether you want a 1.0", 1.5" or 2.0" rear lift **(2009-Up Models 1.75", 2.25" or 2.75")**, and orient the components according to the images shown below to achieve your desired right height. Again, carefully lower the axle enough to accommodate the new block being installed**. <u>IMPORTANT</u>! BE SURE BUMP STOP PADS ARE DIRECTED <u>INWARD</u>, AND THE SHORTER TAPERED END OF BLOCK IS POSITIONED TOWARD THE <u>FRONT</u> OF THE VEHICLE.**

1.0"(1.75") REAR LIFT OPTION

1.5"(2.25") REAR LIFT OPTION

2.0"(2.75") REAR LIFT OPTION

<u>IMPORTANT!</u> THIS IS A PATENTED, INTERLOCKING SYSTEM AND SHOULD NEVER BE STACKED OR USED WITH ANY OTHER LEAF SPRING BLOCKS AS IT MAY CAUSE AN UNSAFE CONDITION FOR BOTH THE INSTALLER & THE VEHICLE DRIVER.

<u>Step 7</u>: Raise the jack slowly, making sure that the leaf spring centering pins locate properly on the top of the new block being installed, and that the new block centering pins locate properly into the holes on the axle's block pad.

Step 8: Install new U-Bolts provided with this kit. **(Figure F)**

Figure F

Step 9: Reinstall OE lower axle bracket and install new hardware provided, torque to the vehicle manufacturer's specifications. **(Figure G)**

Figure G

Step 10: Repeat procedure on the other side of the vehicle.

Step 11: 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 12: Perform a complete wheel alignment, utilizing a Certified Alignment Technician with experience working on lifted vehicles.

Step 13: ADJUST HEADLIGHT AIM to accommodate new ride height position.

Step 14: Check and re-torque U-bolt fasteners after 500 miles, and inspect regularly during routine maintenance.

IMPORTANT VEHICLE OWNER'S INFORMATION

3-in-1
REAR SPRING BLOCK KIT

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.

Check and re-torque U-bolt fasteners after 500 miles, and inspect regularly during routine maintenance.

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.