

# 3-in-1 COIL SPRING BLOCK INSTALLATION

DODGE RAM 1500 2WD/4WD w/Rear Coil Springs

PATENT PENDING

**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 product has been installed.

## EACH KIT INCLUDES:

- (1) Installation Instructions & Warnings
- (2) Interlocking 3-in-1 Coil Spring Blocks
- (2) 1.5" Self-Tapping Fasteners
- (2) 2.0" Self-Tapping Fasteners



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

**Step 1:** 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 \_\_\_\_\_

**Step 2:** 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.

**Step 3:** Raise the vehicle, allowing wheels to hang freely.

**Step 4:** Support REAR axle with proper load rated equipment, preferably an air jack or floor jack.

**Step 5:** Disconnect LOWER shock mounts on both sides of vehicle. (Figure B)



Figure B

**Step 6:** Unbolt brake hose hangar at the frame on both sides of vehicle, making sure hoses & ABS components have adequate slack. **(Figure C)**



**Figure C**

**Step 7:** **CAREFULLY** lower the axle and remove coil springs, making sure not to damage coil spring coating. **(Figure D)**

Coil spring removal & reinstallation may be simplified by disconnecting one end of each rear sway bar link.



**Figure D**

**Step 8:** Using any one of the lift spacer components as a centering guide, center-punch then drill a 21/64" hole in the lower spring pad. BE SURE ONLY TO DRILL THROUGH THE SPRING PAD & NOT INTO THE AXLE. **(Figure E)**



**Figure E**

**Step 9:** Tap the new hole with a 3/8" NC Tap. **(Figure F)**



**Figure F**

**Step 10:** Determine whether you want a **1.0"**, **1.5"** or **2.0"** rear lift, and orient the components according to the images shown below to achieve your desired rear ride height.

Secure spacer(s) in place with the included Self-Tapping Fasteners (use the 1.5" fasteners for 1.0" & 1.5" lifts, and the 2.0" fasteners for 2.0" lifts) taking care not to over-tighten or strip the fasteners.



**1.0" REAR LIFT OPTION**  
(small block only)



**1.5" REAR LIFT OPTION**  
(large block only)



**2.0" REAR LIFT OPTION**  
(both blocks combined)

**IMPORTANT! THIS IS A PATENT PENDING, INTERLOCKING SYSTEM AND SHOULD NEVER BE STACKED OR USED WITH ANY OTHER COIL SPRING BLOCKS**

**Step 11:** Reinstall OE rear coil springs on TOP of new spacers being installed.

**Step 12:** Raise the axle to place coil springs back into proper position.

**Step 13:** Reconnect lower shock mounts and sway bar end links (if disconnected in Step 7), and tighten to manufacturer's specifications.

**Step 14:** Reconnect all brackets, ABS & brake lines in their proper original position. **BE SURE TO CHECK YOUR WORK!**

**Step 15:** Lower the vehicle.

**Step 16:** 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 17:** Perform a complete wheel alignment, utilizing a Certified Alignment Technician with experience working on lifted vehicles.

**Step 18:** ADJUST HEADLIGHT AIM to accommodate new ride height position.

**Step 19:** Check and re-torque all 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 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.