

PART #	DESCRIPTION
217704P	14-UP RAM 2500 0" COIL, 3" AIRBAG LIFT <a href="#">REAR 2.5 VS PB PAIR</a>

COMPONENTS INCLUDED	
(2) 214947P 14-UP RAM 2500 0" REAR LIFT 2.5 VS PB (1) 214111 14+ RAM HD REAR E BRAKE CABLE TAB	(2) 611006 9/16 HD STEM BUSHING KIT
HARDWARE INCLUDED	
611006 CONTENTS	
(2) 255200 STEM BUSHING 9/16 ID (2) 254200 9/16 STEM WASHER	(1) 605809 M12-1.25 JAM NUT (1) 605810 M12-1.25 NUT
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH	13MM SOCKET / WRENCH 19MM SOCKET / WRENCH 21MM SOCKET / WRENCH
TECH NOTES	
<p>1. FAILURE TO INSTALL E-BRAKE BRACKET WILL CAUSE DAMAGE TO THE SHOCK, E-BRAKE CABLE, OR BOTH.</p> <p>2. FAILURE TO USE THE SWAY BAR DROP BRACKETS SUPPLIED WITH THE ICON 2.5" DUAL RATE SPRING KIT (PART #214200) WILL CAUSE THE SWAY BAR LINKS TO OVER EXTEND AND WILL CAUSE PERMANENT DAMAGE. THESE BRACKETS ARE ONLY SOLD WITH THE SPRING KIT AND ARE NOT AVAILABLE SEPARATELY.</p> <p>3. REFER TO OWNERS MANUAL BEFORE ATTEMPTING TO DEPRESSURIZE AIR SYSTEM ON VEHICLES EQUIPPED WITH AIRBAGS.</p>	



WARNING!
<p>** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!</p> <p>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</p>

## INSTALLATION

**STEPS 1 & 2 FOR AIRBAG EQUIPPED TRUCKS ONLY. SKIP TO STEP 3 FOR COIL SPRING APPLICATIONS.**

**1.** Set the truck to transport mode via the dash menu and let all of the air out of the rear airbags. Refer to owners manual if unsure how to activate transport mode. Failure to remove air from bags may result in bag failure, injury, or both.

**2.** Remove the stock shocks using a 19mm socket/wrench for the upper mount, and a 21mm socket/wrench for the lower mount. Skip to step 5.

### COIL SPRING EQUIPPED VEHICLES:

**3.** Using a properly rated jack, raise the rear of the vehicle and support the frame rails with jack stands. Ensure the jack stands are secure and set properly before lowering the jack. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove rear wheels (optional)

**4.** Support the rear axle with a jack and remove the driver and passenger rear shocks using a 21mm for the lower and 19mm for the upper. (FIGURE 1)

FIG.1

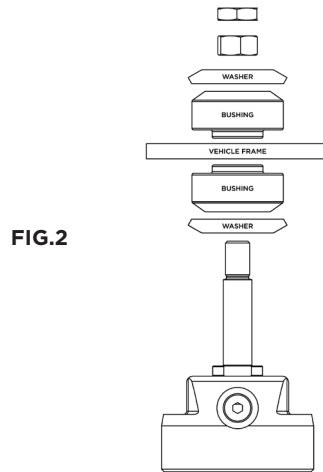


**AIR RIDE EQUIPPED VEHICLES ONLY:**

**5.** Using a properly rated jack, lift the rear of the vehicle from the hitch far enough to install new ICON shocks. DO NOT LIFT THE TRUCK HIGHER THAN THE LENGTH OF THE SHOCKS. The large spacer pushes the shock away from the link arm.

**AIR RIDE AND COIL SPRING EQUIPPED VEHICLES:**

**6.** Install the shock using the 254200 stem washer on the stem, followed by a 255200 bushing and then inserting the shock stem into the factory mount. Install the supplied 255200 9/16 bushing and then a 254200 washer followed by the taller M12 nut. Install the nut only a few turns so the upper assembly is loose. (FIGURE 2)



**7.** With the upper assembly loose, line up the lower shock mount to install the factory lower shock bolt with a 21mm socket/wrench [Torque to factory spec]. The wide spacer pushes the shock toward the tire, away from the link. (FIGURE 3)

**FIG.3**



**8.** Fasten the supplied (605810) large nut until 4 threads are showing and then install the supplied (605809) thin jam nut to lock it against the tall nut. [Torque the jam nut to 50ft-lbs]

**9.** Remove the factory cable routing bracket on the rear passenger upper link. Bracket will not be reused. Use the supplied (214111) bracket and the factory bolt to route the cable to the link arm as shown. The factory mount is threaded already. The bracket will keep the reservoir from binding up the e-brake cable. Slack will have to be pulled from the driver side near the gas tank. (FIGURE 4)

**NOTE:** Failure to install bracket will cause damage to the shock and e-brake cable or both.

**FIG.4**



**10.** If wheels were removed on coil spring application, reinstall now and lower vehicle to the ground. [Torque to factory spec]

**AIR RIDE EQUIPPED VEHICLES ONLY:**

**11.** Start the vehicle and let the airbags fill. Once the compressor stops running, turn off the vehicle.