

PART #	DESCRIPTION
216528	14+ RAM 2500 2.5" FRONT 2.0 IR ALUMINUM SERIES SHOCK

COMPONENTS INCLUDED	
(1) 214916 14+ RAM 2500 2.5" FRONT 2.0 IR	(1) 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	
FLOOR JACK JACK STANDS TORQUE WRENCH	19MM SOCKET / WRENCH 21MM SOCKET / WRENCH
TECH NOTES	
<p>1. FAILURE TO INSTALL THE BRAKE LINE RELOCATION BRACKETS (PART #214108/214109) SUPPLIED WITH THE iCON 2.5" SPRING KIT (PART #214200) WILL LEAD TO BRAKE LINE FAILURE FROM THE SHOCK CRASHING INTO THE BRAKE LINES.</p>	



WARNING!

**** 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!**

**** iCON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.**

INSTALLATION

1. Raise the vehicle, secure the frame on jack stands high enough to allow the front axle to droop five inches past the stock droop limit.
2. Support the front axle with a jack and remove the driver side and passenger side front shocks using a 21mm for the lower mount and 19mm for the stem top.
3. Install the iCON 2.0 Aluminum Series shock using the 254200 stem washer on the stem, followed by a 255200 bushing and then insert the shock stem into the factory mount. Install the supplied 255200 bushing and then a 254200 washer on top of the bushing followed by the taller m12 nut. Install the nut only a few turns so the upper assembly is loose. (FIGURE 1)

NOTE: Installing the upper stem bushing tight before installing the lower bolt will increase the difficulty of lower bolt installation due to the way the radius arm swings as it cycles down. Leaving it loose allows it much more freedom.

FIG.1



FIG.2



4. With the upper assembly loose, line up the lower mount using the jack to position the axle at the right height to install the factory lower shock bolt with a 21mm. (FIGURE 2)
5. Repeat process on passenger side and remove vehicle from jack and jack stands.
6. Fasten the supplied 605810 large nut until 2-3 threads are showing and then install the supplied 605809 thin jam nut to lock it against the tall nut. [Torque jam nut to 50ft-lbs.]

NOTE: Over tightening the large stem nut leading to too much bushing preload will cause premature wear on internal shock components and also effect vehicle ride characteristics.