

PART #	DESCRIPTION
71505	07-UP GM 1500 0-2.5" 2.5 VS IR COILOVER KIT

COMPONENTS INCLUDED	
(2) 174952 07-UP GM 1500 2.5 VS IR CO	(1) 611019 COILOVER HARDWARE KIT (PAIR)
HARDWARE INCLUDED	
611019 HARDWARE KIT	
(6) 605101 3/8-16 X 1.000 BOLT	(6) 605131 3/8 SPLIT LOCK WASHER
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH	9/16" SOCKET / WRENCH 15MM SOCKET / WRENCH 18MM SOCKET / WRENCH
TECH NOTES	
<p>1. ICON RECOMMENDS USING UPPER CONTROL ARM KIT (78600). IF NOT USING UPPER CONTROL ARM KIT (78600), TRIMMING OF THE FACTORY DROOP STOP IS REQUIRED.</p> <p>2. YOUR ICON COILOVER ASSEMBLIES COME SHIPPED AT ICON'S RECOMMENDED RIDE HEIGHT. REDUCING DROOP TRAVEL WILL REDUCE RIDE QUALITY. DO NOT PRELOAD THE COIL BEYOND 1.25" OF EXPOSED THREADS BETWEEN THE BOTTOM OF THE TOP CAP AND THE TOP OF THE COIL ADJUSTER NUT. ADJUSTING PRELOAD BEYOND THIS SETTING WILL CAUSE THE COIL TO BIND AND DAMAGE WILL OCCUR TO COILOVER AND/OR VEHICLE.</p> <p>3. YOUR ICON COILOVER ASSEMBLIES COME FACTORY CHARGED TO 250 PSI. RELEASING NITROGEN PRESSURE MAY LEAD TO SHOCK MALFUNCTION AND REDUCED RIDE QUALITY. FAILURE CAUSED BY LOW NITROGEN PRESSURE IS NOT COVERED UNDER ICON'S WARRANTY POLICY.</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> <p>** ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLTION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.</p>

INSTALLATION

- Using a properly rated jack, raise the front 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 the front wheels.
- Support the lower control arm with a jack, then remove the (3) nuts holding the factory coilover to the coil bucket using an 18mm socket/wrench. [FIGURE 1]

FIG.1



FIG.2



- Remove the (2) bolts from the lower bar pin using a 15mm socket/wrench. [FIGURE 2]
- Slowly lower the jack, then apply some downward force on the spindle to allow room for removal of the factory coilover.
- Apply downward force to the spindle and install the ICON coilover assembly.
- Orient the hex side of the bar pin towards the rear of the truck.

7. Use a jack to help align the coilover into the proper mounting position. Using the supplied (605101) (605131) hardware and a 9/16" socket/wrench, connect the upper mount to the coil bucket. [Torque to 30 ft-lbs] [FIGURE 3]

FIG.3



FIG.4

8. Use a 15mm socket/wrench to connect the factory bolts and bar pin to the lower control arm. [Torque to factory spec] [FIGURE 4]

9. Install the wheels and lower the truck to the ground. [Torque to factory spec]

10. Have the vehicle professionally aligned.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.

