

PART #	DESCRIPTION
58615	96-04 TACOMA/96-02 4RUNNER EXT TRAVEL <u>2.5 VS IR COILOVER KIT</u>

COMPONENTS INCLUDED	
(1) 154943 95.5-04 TACOMA CO EXT. TRAVEL IR (DRVR)	(1) 611019 COILOVER HARDWARE KIT (PAIR)
(1) 154943 95.5-04 TACOMA CO EXT. TRAVEL IR (PASS)	
HARDWARE INCLUDED	
611019 COILOVER HARDWARE KIT	
(6) 605101 3/8-16 X 1.000 HHCS GR8 YZINC	(6) 605131 3/8" SPLIT LOCK WASHER GR8 YZINC
TOOLS REQUIRED	
JACK JACK STANDS PRY BAR TORQUE WRENCH	14MM SOCKET / WRENCH 17MM SOCKET / WRENCH 19MM SOCKET / WRENCH 21MM SOCKET / WRENCH
TECH NOTES	
<p>1. 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 2.375" (1.50" FOR 700LB COIL #158508) OF EXPOSED THREADS BETWEEN THE BOTTOM OF THE TOP CAP AND 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>2. 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> <p>3. EXTENDED TRAVEL COILOVER KIT (58615) REQUIRES USE OF ICON TUBULAR UPPER CONTROL ARMS (58400). IF USING OEM UPPER CONTROL ARMS USE ICON (58610) COILOVER KIT.</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

1. 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.

2. Place a jack under the lower control arm to remove tension from the shock and remove the (3) nuts securing the upper coil seat to the frame perch. Slowly lower the jack to allow the suspension to fully extend.

NOTE: Do not loosen or remove the large center nut securing the spring seat to the shock shaft. This would result in the assembly to come apart violently, causing possible damage and/or injury.

3. Remove the bolt holding the lower shock eye to the lower control arm. Note orientation as this bolt will be reused.

4. Remove the stock assembly. Due to rubber bushing stiffness you may need to pull down on the suspension. To make this easier you can use a pry bar over the top of the upper control arm and under the pivot bolt for additional leverage. Be careful not to damage any brake lines or wires that may be routed down the upper control arm.

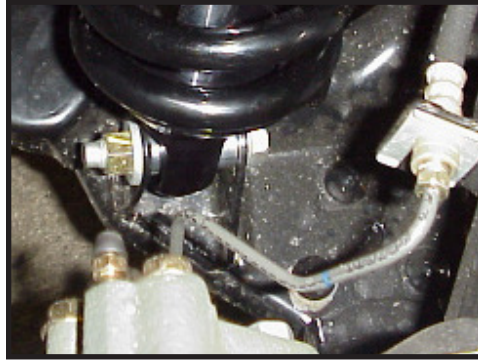
6. Install ICON coilover assembly: there are three holes in the upper coilover mount. Install upper mount with the charge port pointing 30° forward using 3 of the supplied (605101) bolts and (605131) lock washers. [Torque to 30ft-lbs] (FIGURE 1)

FIG.1



7. Install lower shock mount to lower control arm: The lower shock mount has a long and a short spacer. Make sure the short spacer is toward the front of the vehicle as this will orient the shock further toward the front of the lower control arm to ensure adequate axle clearance on 4 wheel drive models. Install the factory lower shock bolt. [Torque to factory spec] (FIGURE 2)

FIG.2



8. Check for brake line clearance with the suspension at full extension with the wheel turned all the way in either direction. The brake line will come close to the bottom of the coil spring. It may be necessary to bend the brake line away from the coil. Be careful not to kink the line when rerouting it and check the fitting for tightness.

9. Repeat steps 2-8 on opposite side.

10. Install wheels and lower vehicle to the ground. [Torque to factory spec]

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

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