

7392 Count Cir, Huntington Beach, CA 92647  
Phone: (714) 596-4461

PART #	DESCRIPTION
DT927645P	07-18 JK 4.5" REAR 2.5 ENDUROSPORT IR PAIR

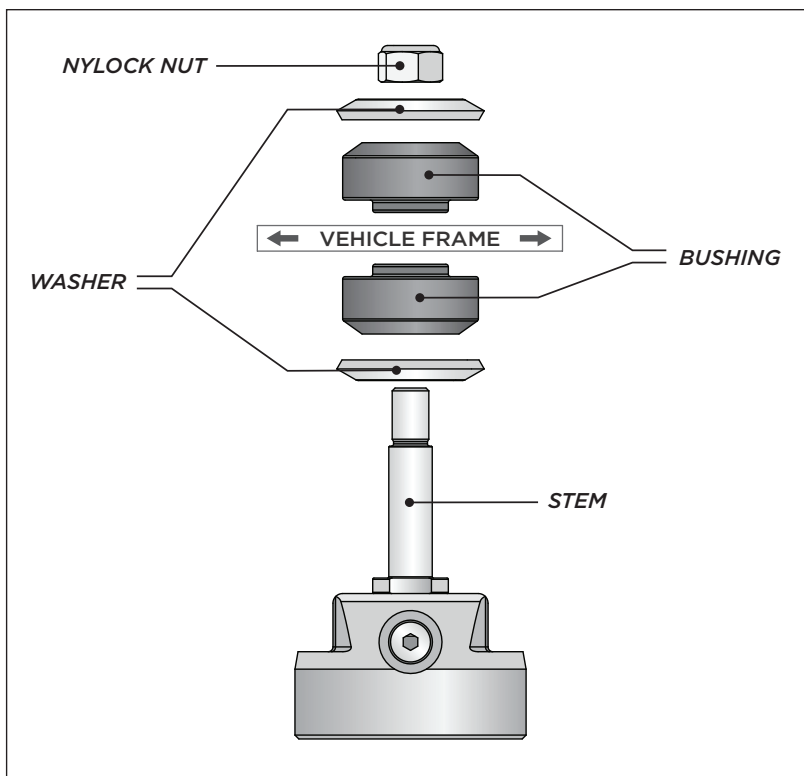
COMPONENTS INCLUDED	
(2) DT12950NR-AL 07-18 JK 4.5" REAR 2.5 AL (2) 120020 JK REAR SHOCK STEM ADAPTER	(2) 611007 MEDIUM DUTY STEM BUSHING KIT
HARDWARE INCLUDED	
611007 HARDWARE KIT	
(2) 9/16" ID STEM BUSHING (1) 12MM ID STEM WASHER	(1) 9/16" ID STEM WASHER (1) M12-1.25 NYLOCK NUT
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH	17MM SOCKET / WRENCH 18MM SOCKET / WRENCH 19MM SOCKET / WRENCH
TECH NOTES	
<p>1. YOUR ICON SHOCK 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>2. THESE SHOCKS REQUIRE A MINIMUM BUMP STOP SPACER OF 1.00" WHICH IS SUPPLIED IN ICON'S 3" SUSPENSION SYSTEM.</p>	



WARNING!
<p><b>** 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!</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.</b></p>

## INSTALLATION

- 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 the rear wheels.
- Use a floor jack to support the rear axle, slightly raising it to take the tension off of the shocks. Using an 18mm, remove the driver side lower shock bolt.
- Use a 17mm to loosen the upper shock mount bolts and remove the OEM shock. Keep all hardware to be reused.
- Install stem hardware as seen in diagram. Install the lock nut until lock is engaged. Do not overtighten bushing assembly as this can lead to premature bushing wear. Failure caused by incorrect installation of bushings is not covered under ICON's warranty policy. [SEE DIAGRAM]



5. Install upper adapter plate into OEM shock mount using OEM hardware [Torque to factory spec].
6. With the spacers in the rod end, install lower shock mount into factory mount. Insert OEM bolt into the factory shock mount [Torque to factory spec.]. Lifting or lowering of the axle housing may be necessary to align the spacers with the holes in the factory mount.
7. Repeat steps 3-6 for passenger side.
8. Reinstall wheels and carefully lower the vehicle to the ground. [Torque lugs to factory spec]

**VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.**

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

## 2.5 SERIES SHOCK & COILOVER TECHNICAL INFORMATION

### MAINTENANCE

DYNATRAC shock absorbers are a high quality rebuildable race style shock absorber designed for optimal performance. With a unit of this caliber on your vehicle, routine maintenance is required to keep them looking and operating in like new condition. Residual oil and assembly lube may be present at all seal paths from the factory out of the box and is considered normal. Pooling of oil however is not acceptable at any time and one should contact the DYNATRAC dealer where purchased.

**BELOW ARE GUIDELINES BASED ON HOW YOU USE YOUR VEHICLE BUT YOUR MILEAGE MAY VARY:**

#### **STREET USE:**

- Send in for factory servicing every 40,000 miles or if a leak develops, ride quality decreases, or they begin to make excessive noise.
- Remove any buildup of road salt, mud, or debris from shocks and coil springs anytime accrued
- Clean with mild soap and water with each oil change or anytime you notice build up.
- Wax the cylinders yearly with automotive wax to prevent corrosion.
- Check nitrogen pressure yearly. (Needle style charge assembly tool)
- Check bearings for excessive wear yearly.
- DO NOT apply any type of lube to the upper and lower bearings.

#### **STREET/DIRT:**

- Send in for factory servicing every 15,000 miles or if a leak develops, ride quality decreases, or they begin to make excessive noise.
- Clean with mild soap and water with each oil change, offroad trip, or anytime you notice build up.
- Wax the cylinders yearly with automotive wax to prevent corrosion.
- Check nitrogen pressure each dirt outing. (Needle style charge assembly tool)
- Check bearings for excessive wear yearly.
- DO NOT apply any type of lube to the upper and lower bearings.

#### **DIRT USE:**

- Send in for factory servicing every 1,000 miles.
- Check nitrogen pressure each outing. (Needle style charge assembly tool)
- Remove any buildup of mud or debris from shocks and coil springs after every outing.

#### **SELF-SERVICE:**

- Contact DYNATRAC for service kits & tools at (714) 596-4461.

### DYNATRAC SHOCK ABSORBER WARRANTY

This shock absorber has a 1 year warranty against any manufacturer's defects. If a shock fails within the initial year of ownership, the shock must be shipped to DYNATRAC for inspection and service. If a shock is inspected and it has been determined the shock failed due to neglect, damage caused by improper installation or any other reason besides "normal wear and tear", the owner of said shock is responsible for all service costs. This includes labor, parts and shipping.

DYNATRAC warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. DYNATRAC does not warrant the product for finish, alterations, modifications and/or installation contrary to DYNATRAC instructions. DYNATRAC products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

DYNATRAC'S obligation under this warranty is limited to the repair or replacement, at DYNATRAC'S discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered.

DYNATRAC components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.

**DYNATRAC**  
**CONFIDENCE TO EXPLORE®**

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