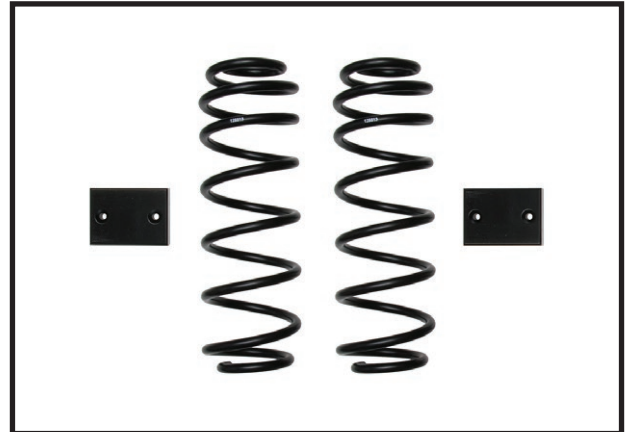


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| PART # | DESCRIPTION                                    |
|--------|--|
| 22074  | 24 JEEP JL 2.5" LIFT REAR DUAL RATE SPRING KIT |

| COMPONENTS INCLUDED   |  |
|---|--|
| (2) 128001 18-UP JL REAR BUMP STOP SPACER<br>(1) 128006 18-UP JL .25" REAR COIL SHIM<br>(2) 128513 18-UP JL 2.5" REAR COIL SPRING   | (1) 22074H 24 JEEP JL 2.5" REAR SPRING HARDWARE KIT  |
| HARDWARE INCLUDED   |  |
| 22074H HARDWARE KIT   |  |
| (4) 605016 5/16 FLAT WASHER<br>(4) 605075 5/16-18 X 1.500 FLATHEAD SCREW  | (4) 605076 5/16-18 C-LOCK NUT  |
| TOOLS REQUIRED  |  |
| JACK<br>JACK STANDS<br>PLIERS<br>FLATHEAD SCREW DRIVER<br>TORQUE WRENCH   | 5/32" ALLEN WRENCH<br>1/2" SOCKET / WRENCH<br>16MM SOCKET / WRENCH<br>18MM SOCKET / WRENCH |
| TECH NOTES  |  |
| <p>1. THE SUPPLIED COIL SHIM IS USED TO ACCOUNT FOR THE DIFFERENCE IN HEIGHTS FROM SIDE TO SIDE AND CORRECT A PASSENGER SIDE LEAN.</p> <p>2. PART# 22073 IS REQUIRED FOR 24 JEEP WRANGLER JL.</p> |  |

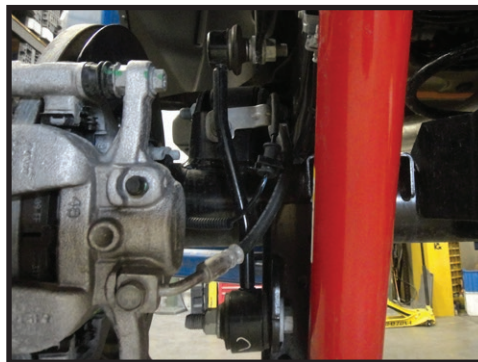


| WARNING!   |
|--|
| <p><b>** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!</b></p> <p><b>** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME 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.
- Remove the sway bar links from the axle using (2) 18mm. Remove the sway bar links from the sway bar using a 6mm allen wrench and an 18mm. Set the links aside as they will be reused in the front. [FIGURE 1]

FIG.1



**3.** Remove the parking brake cable from the brake drum link using pliers. Remove the parking brake cable front the axle housing using a flathead screw driver, push the spring catch inward to release it from the mount. [FIGURE 2 & 3]

FIG.2



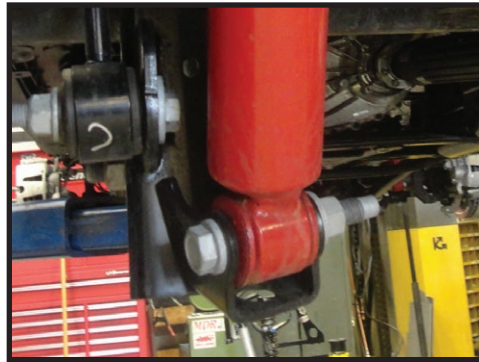
FIG.3



**4. RUBICON ONLY\*** Disconnect the rear locker plug on the rear differential.

**5.** Loosen the lower shock mount bolt using an 18mm socket/wrench. [FIGURE 4]

FIG.4



**6.** Using a floor jack, lift the axle enough to remove the tension from the lower mount, then remove the shock bolts. Slowly lower the axle taking care to not overextend or damage any lines. Lower the axle enough to remove the tension from the coil springs.

**7.** Remove the coil springs and remove the upper spring isolator from the coil spring. [FIGURE 5 & 6]

FIG.5



FIG.6



**8.** Place the upper spring isolators on the supplied (PN: 128513) springs and install. Install the coil springs with the part number right side up to ensure that the springs are not installed upside down. Check to make sure the end of the pigtail is seated properly on the isolator. Install the supplied coil spring shim (PN: 128006) on the passenger side, on top of the isolator.

**9.** Lift the axle while locating the pin on the upper spring isolator into the hole in the spring seat. Also, make sure the center of the isolator catches and centers on the cone in the spring seat. If installed incorrectly, the spring isolator will not be centered on the cone of the spring seat and may result in damage as well as lift height variance. **[FIGURE 7]**

**FIG.7**



**FIG.8**

**10.** Mount the ICON shocks using the supplied hardware and two 18mm socket/wrenches. [Torque to factory spec] **[FIGURE 8]**

**11.** Fasten the bump stop spacers to the bump stop striker pads using the supplied 5/16" hardware. Use a 5/32" allen and a 1/2" open end wrench. [Torque to 17 ft-lbs]

**12.** Install ICON Rear Sway Bar Link Kit (22073) before putting vehicle on the ground, refer to those installation instruction for more details.

**13. RUBICON ONLY\*** Plug in the rear locker connector on the rear differential.

**14.** Connect the parking brake cable to the axle mount and the brake drum link. **[FIGURE 9]**

**FIG.9**



**15.** Install the wheels and 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.***

## ICON VEHICLE DYNAMICS LIMITED LIFETIME WARRANTY

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics 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.

ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at ICON Vehicle Dynamics' 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.

ICON Vehicle Dynamics 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.



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