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PART #	DESCRIPTION
214206	14-UP RAM 2500 .5" REAR PERFORMANCE SPRING KIT

COMPONENTS INCLUDED	
(2) 218216 14+ RAM HD REAR .5" PERFORMANCE COIL	
HARDWARE INCLUDED	
N/A	
TOOLS REQUIRED	
JACK JACK STANDS TORQUE WRENCH 1 7/16" SOCKET / WRENCH	8MM SOCKET / WRENCH 16MM SOCKET / WRENCH 17MM SOCKET / WRENCH 18MM SOCKET / WRENCH 21MM SOCKET / WRENCH
TECH NOTES	
<p>1. ICON HAS A SPECIFIC VALVE CODE AND SHOCK LENGTH FOR USE WITH THE PERFORMANCE SPRING KITS. IF YOU ARE UPGRADING FROM THE STOCK SPRING TO THE ICON PERFORMANCE SPRING, YOUR EXISTING ICON SHOCKS CAN BE REVALVED AND LENGTHS CAN BE ALTERED TO TAKE ADVANTAGE OF THE ADDITIONAL WHEEL TRAVEL.</p> <p>2. THIS KIT REQUIRES ICON SWAY BAR DROP BRACKETS INCLUDED IN (214200) SPRING KIT. USE IF SHOCKS EXCEED 25.00" AT FULL EXTENSION.</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. Disconnect the rear track bar from the differential using a 21mm socket/wrench.
2. 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.
3. Disconnect the rear sway bar links from the chassis. Remove using an 8mm and 18mm socket/wrench.
4. Using a jack, lift the rear axle to relieve tension from the rear suspension.
5. Remove the rear shocks using an 18mm and 21mm socket/wrench.
6. Lower the jack slowly until the coils become loose then remove the coils and upper coil isolators. [FIGURE 1]

FIG.1



7. Set the new coils (218216) on the lower coil seats. Set the upper coil spacer on the top of the coil and then position the coil on the lower coil seat.
8. Lift the axle enough to allow for alignment of the rear shock mounts. Check to make sure the upper coil seat is positioned correctly in the coil bucket.

9. Refer to appropriate ICON rear shock installation instructions. [FIGURE 2]

FIG.2



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

ON THE GROUND:

11. Install the rear track bar using the factory hardware and a 21mm socket/wrench. Make sure both rod ends have an equal amount of thread engagement, and adjust the length until the bolts can be installed. [Torque to factory spec]

12. Center the rear axle by adjusting the rear track bar. Once the differential is centered, check to make sure the rod ends are vertical, then tighten the jam nuts using a 1 7/16" socket/wrench. [Torque to 300 ft-lbs]

13. Check the torque on all hardware. Drive the truck 1-2 miles and re-torque all nuts, bolts and lugs.

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.

ICON VEHICLE DYNAMICS

PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

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