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**2007-2017 GM 1500/SUV 4WD  
CSR-3503 / CST COILOVERS**



### **READ THE FOLLOWING NOTES PRIOR TO INSTALLATION**

DO NOT ALTER THE FINISH OF ANY COMPONENTS. CHANGING THE FINISH SUCH AS CHROMING, ZINC-PLATING, OR ANY TYPE OF PAINTING, CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.

PRIOR TO INSTALLATION, COMPARE THE PARTS LIST WITH THE COMPONENTS RECEIVED IN THE KIT. IF ANY PIECES ARE MISSING PLEASE CONTACT YOUR LOCAL RETAILER OR CST PERFORMANCE SUSPENSION AT 951-571-0212, AND YOU WILL BE TAKEN CARE OF IN A TIMELY MANNER.

READ ALL INSTRUCTION FROM START TO FINISH BEFORE BEGINNING INSTALLATION. IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED, SEVERE FRAME, TIRE, OR SUSPENSION DAMAGE MAY RESULT TO THE VEHICLE. IF YOU INCUR A PROBLEM DURING THE INSTALLATION OF THIS KIT, FIRST BE SURE YOU HAVE FOLLOWED THE INSTRUCTION FROM START TO FINISH ACCURATELY AND IF SO PLEASE CALL 951-571-0212, WE WILL DO OUR BEST OVER THE PHONE TO ASSIST YOU WITH YOUR PROBLEM, OR DIRECT YOU ACCORDINGLY.

VEHICLES THAT RECEIVE OVER SIZED TIRES SHOULD CHECK BALL JOINTS, TIE ROD ENDS, AND BUSHINGS, AS WELL AS GENERALLY INSPECT THE ENTIRE SUSPENSION FRONT TO REAR EVERY 2500 – 5000 MILES FOR WEAR AND REPLACE AS NEEDED.

#### INSTRUCTIONS:

1. PLACE THE TRUCK ON A FLAT CONCRETE SURFACE. JACK UP THE TRUCK AND SUPPORT IT UNDER THE FRAME WITH JACK STANDS. NEVER WORK UNDER AN UNSUPPORTED VEHICLE.
2. REMOVE THE FRONT TIRES.
3. REMOVE THE STOCK SHOCKS. (🔧 15MM SOCKET,)
4. INSERT THE STAINLESS SPACERS INTO THE BEARING ON THE BOTTOM OF THE SHOCK AND SLIDE THE LOWER BRACKET ONTO THE SPACERS. THE PART OF THE BRACKET WITH THE LARGE GUSSET GOES IN TOWARD THE CENTER OF THE TRUCK. DO NOT PUT THE BOLT IN YET.
5. INSTALL THE NEW SHOCK; GET THE SHOCK INTO ITS PROPER LOCATION ON TOP OF THE LOWER ARM.
6. INSTALL THE SUPPLIED 3/8" BOLTS AND WASHERS TO SECURE THE TOP OF THE SHOCK TO THE COIL BUCKET, USE A LITTLE BIT OF LOCKTITE ON THE BOLTS. (🔧 9/16 SOCKET)
7. ATTACH THE LOWER BRACKET TO THE LOWER ARM USING THE SUPPLIED 7/16" BOLTS, WASHERS AND LOCKNUTS. PUT THE NUT SIDE DOWN. (🔧 11/16 SOCKET, 5/8" WRENCH)
8. ATTACH THE BOTTOM OF THE SHOCK TO THE BRACKET USING THE SUPPLIED 1/2" BOLTS, WASHERS AND LOCKNUTS. (🔧 3/4" SOCKET, 3/4" WRENCH)
9. REINSTALL THE TIRES.
10. SET THE TRUCK ON THE GROUND, AND TORQUE THE LUG NUTS TO 100 FT.LBS.
11. THE COILOVER COMES PRE-SET TO THE RECOMMENDED HEIGHT BUT YOU CAN ADJUST IT IF YOU WANT A DIFFERENT HEIGHT, JUST MAKE SURE YOU LOOSEN THE ALLEN SCREW IN THE ADJUSTER BEFORE YOU TRY TO TURN IT.
12. ONCE YOU LIKE THE HEIGHT HAVE YOUR TRUCK PROFESSIONALLY ALIGNED TO PREVENT EXCESS TIRE WEAR. ANY TIME YOU MAKE A SIGNIFICANT CHANGE TO THE RIDE HEIGHT YOU SHOULD HAVE IT RE-ALIGNED.