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## **2001-2010 GM HD 2500/3500 2WD/4WD**

### **CSS-C4-6**

UNIBALL UPPER CONTROL ARM

WARNING: CALIFORNIA SUPERTRUCKS RECOMMENDS PROFESSIONAL AUTOMOTIVE KNOWLEDGE WHEN INSTALLING THIS KIT TO AVOID ANY POSSIBILITY OF INJURY.

### **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 PIVOT POINTS, AS WELL AS GENERALLY INSPECT THE ENTIRE SUSPENSION FRONT TO REAR EVERY 2500 – 5000 MILES FOR WEAR AND REPLACE PARTS AS NEEDED.

**INSTRUCTIONS:**

1. REMOVE THE STOCK ARMS.
2. GREASE THE BUSHINGS AND THE CRUSH SLEEVES AND INSTALL THEM INTO THE ARMS. INSTALL THE 90 DEG. GREASE FITTINGS INTO THE THREADED HOLES AND POINT THE GREASABLE END OUT TOWARD THE UNIBALL.
3. INSTALL UPPER CONTROL ARMS INTO THE DROP DOWN BRACKETS AND BOLT THEM INTO PLACE USING THE STOCK HARDWARE WITH LOCTITE. THE ARMS ARE MARKED W/ A DRIVER OR PASSENGER STICKER AND **THE BRAKELINE TAB GOES TO THE FRONT OF THE ARM.**
4. INSTALL THE TAPERED UNIBALL PIN INTO THE SPINDLE AND PLACE (1) 9/16" WASHER OVER THE THREADS BEFORE THE LOCKNUT, TIGHTEN.  
  
REPEAT ON THE OTHER SIDE OF THE TRUCK.
5. LUBE THE GREASE FITTINGS FOR THE BUSHINGS BEFORE OPERATION. ALSO BE SURE ALL LINES AND WIRES ARE ROUTED PROPERLY.
6. RECHECK ALL THE NUTS AND BOLTS AFTER 500 MILES. REGREASE ALL FITTINGS.
7. ONCE EVERYTHING IS INSTALLED ROTATE THE TIRE AT DROOP AND MAKE SURE THE CV'S DO NOT BIND, IF THEY DO PUT WASHERS UNDER THE DROOP STOP TO LIMIT THE DROOP.

FOR TECHNICAL ASSISTANCE CALL 951-571-0212

PARTS LIST –

- 1- DRIVERS SIDE ARM
- 1- PASSENGER SIDE ARM
- 8- URETHANE BUSHINGS
- 4- CRUSH SLEEVES
- 4- 90 DEG. GREASE FITTINGS
- 2- 1/2 X 2 X 1/4 WASHERS (OPTIONAL)

PARTS THAT ARE PRE-INSTALLED IN THE ARMS –

- 2- UNIBALLS
- 2 - SNAP RINGS
- 2- UPPER STAINLESS INSERTS
- 2- STAINLESS TAPERED UNIBALL PIN FOR SPINDLE
- 2- 9/16 WASHERS
- 2- 9/16-18 (FINE THREAD) NY-LOCK NUTS
- 2- 1/2-20 X 1 FINE THREAD 12 POINT BOLT