



115 W. La Cadena Dr. Ste 100 Riverside, CA 92501
(909) 328-9902 phone (909) 328-9908 fax

**2002 DODGE RAM 1500 2WD
(CSS-D1-1)
4" SUSPENSION LIFT KIT**

**PLEASE READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH
BEFORE BEGINNING INSTALLATION!!**

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

NOTE: OEM- ORIGINAL EQUIPMENT MANUFACTURER
UCA- UPPER CONTROL ARM
LCA- LOWER CONTROL ARM

NOTE: CALIFORNIA SUPERTRUCKS RECOMMENDS USING WHEELS WITH NO MORE THAN
4 ½" BACKSPACING IF YOU ARE GOING TO RUN A LARGE OFF ROAD TIRE.

1. PARK VEHICLE ON CLEAN AND LEVEL SURFACE.
2. REMOVE POSITIVE BATTERY CABLE.
3. JACK UP TRUCK AND SUPPORT WITH JACK STANDS.
4. REMOVE WHEELS AND TIRES.
5. UNPLUG ANTI-LOCK BRAKE SENSOR WIRE AND PLACE IN SAFE LOCATION. USE CAUTION NOT TO DAMAGE.
6. REMOVE TIE ROD ENDS FROM SPINDLE WITH REMOVAL TOOL.
7. REMOVE BOLTS THAT HOLD BRAKE CALIPERS ONTO UPRIGHT, SLIDE OFF CALIPER AND SECURE OUT OF THE WAY USING WIRE OR ZIP-TIE. DO NOT LET CALIPERS HANG ON BRAKE LINES. THEN SLIDE ROTORS OFF OF THE HUB.
8. SUPPORT LOWER CONTROL ARM WITH FLOOR JACK. LOOSEN UPPER AND LOWER BALL JOINT NUTS AND SEPARATE BALL JOINT TAPERS FROM UPRIGHT WITH PULLERS. THEN REMOVE UPRIGHT SPINDLE HUB ASSEMBLY FROM TRUCK

9. REMOVE BARING HUB AND WHEEL FLANGE FROM OEM UPRIGHT BY REMOVING 3 BOLTS. INSTALL HUB INTO NEW CST UPRIGHT USING LOCK-TITE AND 2 NEW LOWER BOLTS ON EACH SPINDLE. USE CARE WITH ANTI-LOCK SENSOR WIRES.
10. INSTALL NEW CST (CSS-D1-1) 4" SPINDLE BACK ON TRUCK, APPLY LOCK-TITE TO THE THREADS OF THE LOWER BALL JOINT AND UPPER BALL JOINT. TORQUE ALL NUTS TO OEM SPECS.
11. REINSTALL BRAKE ROTORS AND CALIPERS. USE LOCK-TITE ON CALIPER BOLTS. TORQUE TO FACTORY SPECS.
12. REINSTALL TIE-ROD ENDS USING LOCK-TITE ON OEM NUTS.
13. REINSTALL ANTI-LOCK SENSOR WIRE. ROUTE IN A SAFE LOCATION AND ZIP TIE AS NECESSARY TO PREVENT RUBBING, PINCHING OR STRETCHING.
14. INSTALL WHEELS AND TIRES AND TORQUE TO FACTORY SPECS. TURN WHEELS BOTH WAYS AND CHECK BRAKE LINES AND WIRES FOR RUBBING. PLACE TRUCK ON GROUND AND TORQUE LUG NUTS.
15. REINSTALL BATTERY CABLE.
16. ALIGN TRUCK AND RECHECK AFTER 1,000 MILES.