



14385 Veterans Way Moreno Valley, CA 92553  
Phone: (951) 571-0212 Fax: (951) 571-0215

[WWW.CSTSUSPENSION.COM](http://WWW.CSTSUSPENSION.COM)

**19-21 DODGE RAM 1500 2WD/4WD  
(CSS-D11-3)  
EXTENDED BRAKE LINES**

**WARNING:** CALIFORNIA SUPERTRUCKS RECOMMENDS PROFESSIONAL AUTOMOTIVE KNOWLEDGE WHEN INSTALLING THIS KIT TO AVOID 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 ALL PIVOT POINTS, AS WELL AS GENERALLY INSPECT THE ENTIRE SUSPENSION FRONT TO REAR EVERY 2500 – 5000 MILES FOR WEAR AND REPLACE PARTS AS NEEDED.

ALSO, WE WOULD LOVE TO SEE YOUR TRUCK COMPLETED. IF YOU WOULD LIKE TO HAVE YOUR VEHICLE FEATURED ON OUR SOCIAL MEDIA PAGES, PLEASE E-MAIL US AT [sales@cstsuspension.com](mailto:sales@cstsuspension.com) WITH PICTURES OF YOUR VEHICLE, LIST OF MODS, YOUR ACCOUNT NAME AND WE WILL GET THEM POSTED. THANK YOU FOR SUPPORTING CST!!!



@CSTSuspension



@CSTSuspension

### Instructions:

1. PARK VEHICLE ON CLEAN AND LEVEL SURFACE.
2. JACK UP TRUCK AND SUPPORT WITH JACK STANDS.
3. REMOVE WHEELS AND TIRES. (🔧🔩24MM SOCKET)
4. 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. (🔧🔩18MM SOCKET)
5. DO THE BRAKE LINES ONE SIDE AT A TIME AND TRY NOT TO LET TOO MUCH FLUID OUT. SEPARATE THE SOFT LINE FROM THE HARD LINE AT THE FRAME, SLIDE THE FITTING UP THE HARD LINE A LITTLE AND PLUG THE END OF THE HARD LINE TO PREVENT LEAKAGE. (🔧🔩12MM FLARE NUT WRENCH)
6. REMOVE THE BOLT THAT HOLDS THE BRAKELINE TO THE FRAME. (🔧🔩13MM SOCKET)
7. SET THE CALIPER AND BRAKELINE ON THE BENCH WITH THE BRAKELINE FACING UP. REMOVE THE BRAKE LINE FROM THE CALIPER. (🔧🔩15MM SOCKET)



8. BOLT THE NEW BRAKELINE TO THE CALIPER USING THE STOCK BOLT AND THE NEW SUPPLIED BRASS WASHERS. THE BRAKELINE SHOULD BE POINTING UP TOWARDS THE TOP OF THE CALIPER, AND SLIGHTLY IN JUST ENOUGH TO MISS THE BLEEDER. (🔧 15MM SOCKET)
9. REINSTALL BRAKE ROTORS AND CALIPERS. USE LOCK-TITE ON CALIPER BOLTS. TORQUE TO FACTORY SPECS. (🔧 18MM SOCKET)
10. BOLT THE NEW BRAKELINE BRACKETS TO THE FRAME USING THE OEM HARDWARE. SEE PIC FOR REFERENCE



11. RE-ATTACH THE BRAKE LINE TO THE HARD LINE AT THE FRAME. ***THE THREADS ON THE OEM HARDLINE AND NEW STAINLESS STEEL BRAKELINE ARE EXTREMELY TIGHT. BE CAREFUL WHEN INSTALLING THEM NOT TO STRIP THEM.*** REPEAT BRAKE LINE STEPS FOR THE OTHER SIDE OF THE TRUCK. (🔧 12MM FLARE NUT WRENCH, 17MM WRENCH)
12. ATTACH THE NEW BRAKELINE TO THE NEW BRAKELINE BRACKET USING THE SUPPLIED C-CLIP.
13. REPEAT STEPS FOR OPPOSITE SIDE OF THE TRUCK.
14. BLEED THE BRAKES. CHECK THE BRAKE FLUID. (🔧 11MM WRENCH)
15. CHECK THE BRAKE LINE FITTINGS TO BE SURE THERE ARE NO LEAKS WHERE YOU HAD SEPERATED THEM.

**INCLUDED PARTS -**  
 2 - FRONT BRAKELINES  
 2 - CLIPS

4 - BRASS WAHSERS

**For technical assistance call CST at 951-571-0212**  
**Or e-mail us @ [sales@cstsuspension.com](mailto:sales@cstsuspension.com)**