



## CS-JBBLKIT-11 - Extended Brake Line Kit

Fitment  
2007-17 Wrangler JKU, 4x4

Carli Suspension, Inc.  
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### Note

Please review the product instructions prior to attempting installation to ensure installer is equipped with all tools and capabilities necessary to complete the product installation. We recommend thoroughly reading the instructions at least twice prior to attempting installation.

Before beginning disassembly of the vehicle, check the "What's Included" section of the instructions to ensure you've received all parts necessary to complete installation. Further, verify that the parts received are PROPER TO YOUR application (year range, motor, etc.) to avoid potential down-time in correcting potential discrepancies. Any discrepancies will be handled by Carli Suspension and the correcting products will be shipped UPS Ground.

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### Lifetime Product Warranty

Carli Suspension provides a limited lifetime product warranty against defects in workmanship and materials from date of purchase to the original purchaser for all products produced by Carli Suspension. Parts not manufactured by, but made to Carli Suspension's specifications by third party manufacturers will carry a warranty through their respective manufacturer. (i.e. King Shocks, Bilstein Shocks, Fox Shocks). Deaver Leaf Spring's warranty will be processed by Carli Suspension.

Proof of purchase (from the original purchaser only) will be required to process any warranty claims. Carli Suspension products must be purchased for the listed Retail Price reflected by the price listed on the Carli Suspension Website at the time of purchase. Carli Suspension reserves the right to refuse warranty claims made by any customer refusing or unable to present proof of purchase, or presenting proof of purchase reflecting a price lower than Carli Suspension's Retail Price at the time the item was purchased.

Carli Suspension's Limited Lifetime Warranty excludes the following parts which are subject to wear: Track Bar Bushings, Track Bar Heim Joints, Limit Straps, Control Arm Bushings, Radius Arm Bushings, Shock Bushings, Sway Bar End Link Heim Joints, Shock Seals, Shock Bearings, and Corrosion on Shock Shafts or Bodies. These items will be warranted for a period of 60 days from the date of purchase only if determined to be installed properly signifying manufacturing defect. Carli Suspension cannot warrant a product's cosmetic finish due to the varying extreme elements that may be encountered.

Any alterations, modifications, or improper installation, of the product will void this warranty. Products should be inspected for defect upon receipt and approved before installation. Any defect in NEW product will be warranted if returned before installation in its original packaging. Carli Suspension's obligation under this warranty is limited to the repair or replacement of the defective product only. All costs of removal, installation or reinstallation, freight charges, incidental or consequential damage are expressly excluded from this warranty.

Carli Suspension is not responsible for damages and/or warranty of other vehicle parts related or non-related to the installed Carli Suspension product. This warranty shall not apply to any product that has been subjected to accident, negligence, alteration, abuse or misuse as determined by Carli Suspension. Carli Suspension reserves the right to refuse warranty claims if produced parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension components may cause premature wear and/or product failure. Carli Suspension reserves the right to change/alter product without obligation to update any previously purchased products.

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### Parts Checklist

#### CS-JBBLKIT-11 - Extended Brake Line Kit

- (Qty. 2) Front Brake Lines
- (Qty. 2) Rear Brake Lines
- (Qty. 8) Copper Washers
- (Qty. 4) Brake Line Frame Brackets
- (Qty. 4) Spring Clips
- (Qty. 2) Brake Line Routing Guides, Rear
- (Qty. 1) E-Brake Bracket Drop, Rear



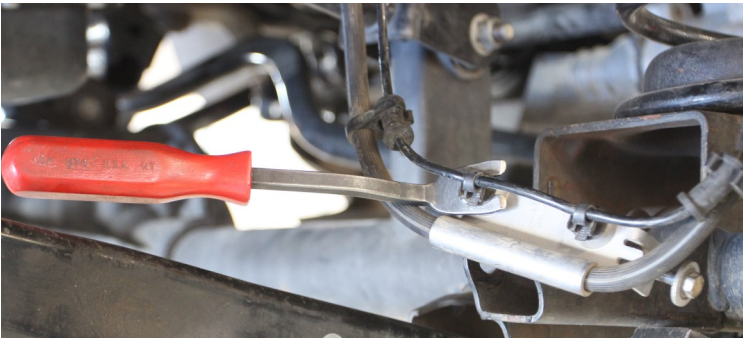
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### FRONT

1. 10mm - Remove the bolt securing the front brake line brackets to the lower spring buckets and pull the bracket from the slot on the other side to free the brake line.



2. Separate the factory brake line from the ABS line as the brake lines will be replaced.

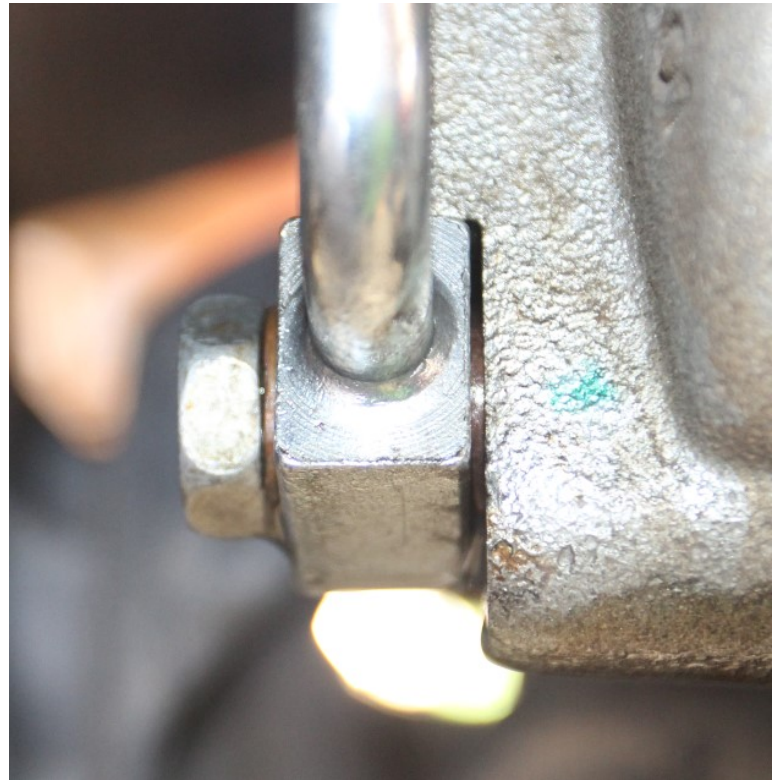


3. 12mm line wrench - Brake the hardline fitting at the frame.



4. 10mm - Remove the factory brake line bracket from the frame.

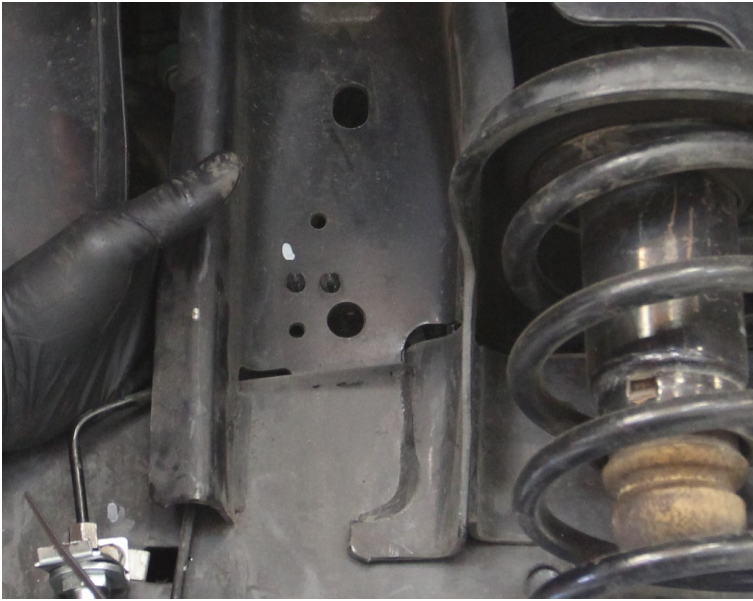
5. Use the stock hardware to secure the new brake line bracket to the frame.
6. 15mm - Remove the banjo-bolt from the caliper securing the factory brake line
7. Disconnect the upper brake line fitting from the factory hardline and remove the brake line.
8. Slide the new line into the installed bracket and thread the hardline into the new brake line hand tight.
9. Using the provided copper washers on each side, install the new brake lines to the caliper using the factory banjo bolt.



10. Ensuring all is installed and routed properly, tighten the factory hardline to the Carli line and install the clip to secure the brake line to the frame bracket.



11. Push the two push-lock fittings (securing the ABS line to the factory coil bucket) through the backside to dislodge them and give the ABS line slack to route along the longer brake lines.



12. Use the factory bolt to secure the brake lines to the coil buckets
13. Zip-tie the ABS lines to the Brake lines. (Axle vent on the driver's side, too).



## REAR

1. 12mm Line Wrench - unthread the fitting at the hard to flex line junction in the rear and use a 10mm to remove factory bracket from the frame rail.



3. 16mm - Remove the two bolts securing the sway bar mount to the frame and slide the provided brake line guides into place re-securing them with the factory hardware. The guides index forward of the mount and the routing hole/grommet will shoot from the inside out at a 45° downward angle routing the brake line inward of the sway bar. They ARE side specific. Use the factory hardware to secure the provided brake line bracket to the frame.



2. 15mm - Remove banjo bolt at caliper and remove the factory brake line.



4. Insert the carli brake line through the guides and tighten them to the hard line through the new installed frame bracket.



5. Secure the caliper end of the Carli Line using the factory Banjo Bolts utilizing a copper washer on each side.
6. Ensuring nothing is twisted or rubbing, tighten the upper hard line and secure the brake line to the bracket with one of the provided clips.
7. Above the rear differential, you'll find the factory E-Brake Bracket. Remove the two nuts holding it in place and secure the carli bracket using the factory hardware. Using the provided hardware, secure the factory bracket to the bottom of the carli bracket.



8. Double check everything's tight, ensure nothing rubs then bleed the brakes. We don't have an instruction for how to bleed brakes as it's something best left to someone with extensive experience and we recommend it be done by a trained professional.