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Rough Country 95100 Installation Instructions

95100

Part number: 95100

trailfortress.com/rough-country-performance-brake-system-95100

Scan for fitment, price and install help

929510000

ROUGH COUNTRY
SUSPENSION SYSTEMS®

JEEP JK 07-18 Performance Brake Kit

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.
If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.
Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.
Periodically check all hardware for tightness.

Due to varying backspacing and wheel design it is recommend to confirm adequate clearance on wheels before finalizing installation.

Kit Contents:

Front Rotor x2
Braided Brake Lines x2
Driver Side Caliper x1
Pass Side Caliper x1
Driver Side Brake line Bracket x1
Pass Side Brake line Bracket x1
Caliper Components:
Caliper Brackets x2
Pad Retainer x2
Brake Pad Set x2
Brake Pad Pins x4

Tools Needed:

4mm Allen Wrench
10mm Allen Wrench
12mm Wrench
17mm Wrench
21mm Socket
Center Punch
Rubber Hammer
T27 Torx Bit

Hardware Included:

6mm x 20 mm Button Head Allen Bolt x4
4mm Clips x2
6mm Nylock Nut x2
6mm Flat Washer x2
Brake Line Retainers x2
Caliper Bolts x4
Zip ties x8

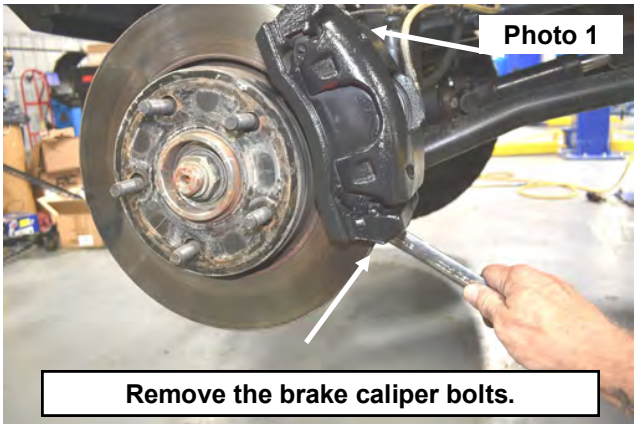


Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16”	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8”	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16”	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2”	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16”	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8”	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4”	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

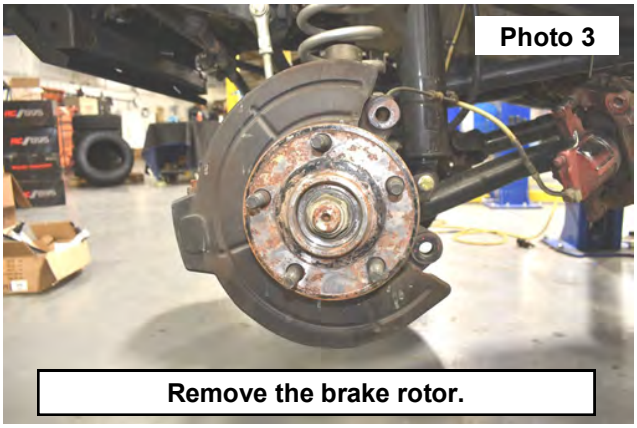
INSTALLATION INSTRUCTIONS

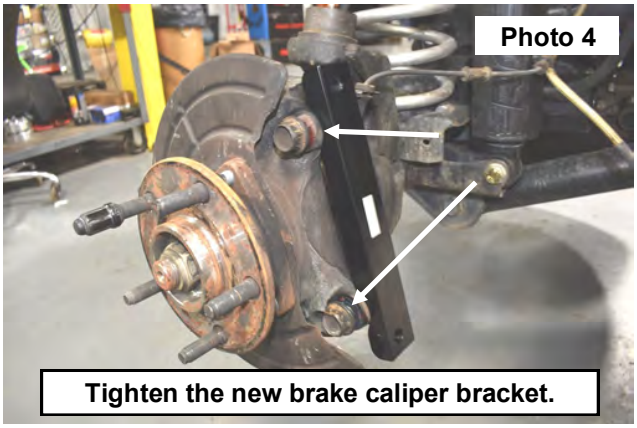
1. Lift the front vehicle up using a jack, place jack stands under the frame and lower the vehicle down. Remove wheels and tires.
2. Remove the (2) brake caliper bracket bolts using a 21mm socket. Retain the factory hardware. **See Photo 1.**
3. Remove the caliper and hang in a safe location from the frame. **See Photo 2.**





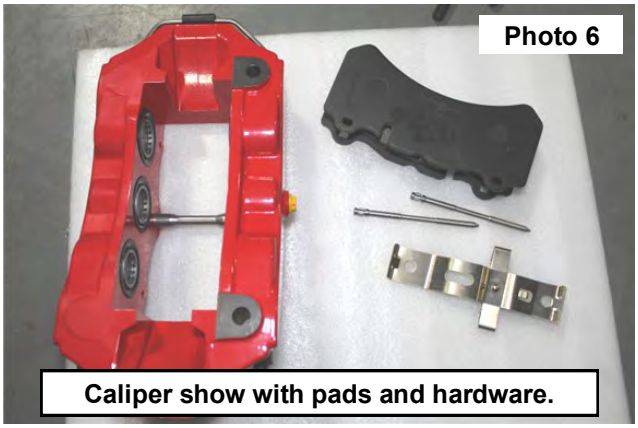
4. Remove the brake rotor. **See Photo 3.**
5. Install the new brake caliper bracket onto the knuckle using the removed OE bolts. Make sure the bracket is sitting flat against the OE knuckle. Tighten using a 21mm socket. **See Photo 4.**





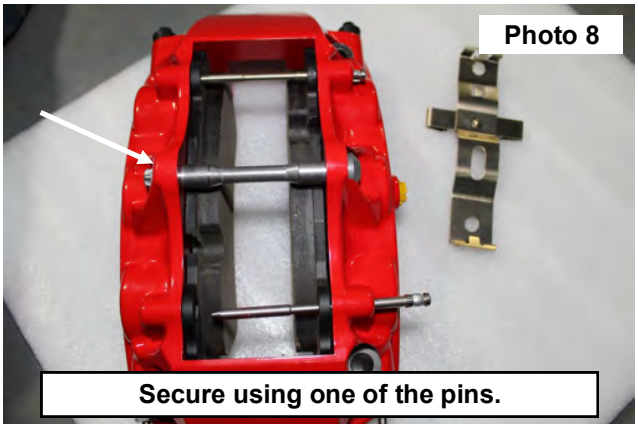
6. Install the rotor onto the studs of the axle hub. Driver Side shown. **See Photo 5.**
7. Locate the new caliper, pads with the (2) pins and the center retainer. **See Photo 6.**



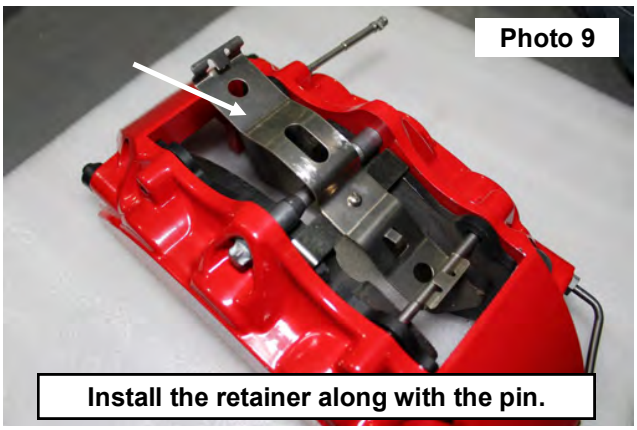


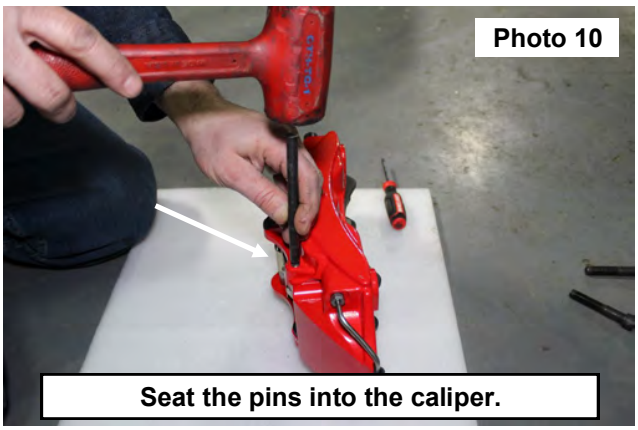
8. Install the brake pads into the caliper. **See Photo 7.**
9. Install one pin into the brake pad to secure the pads. **See Photo 8.**



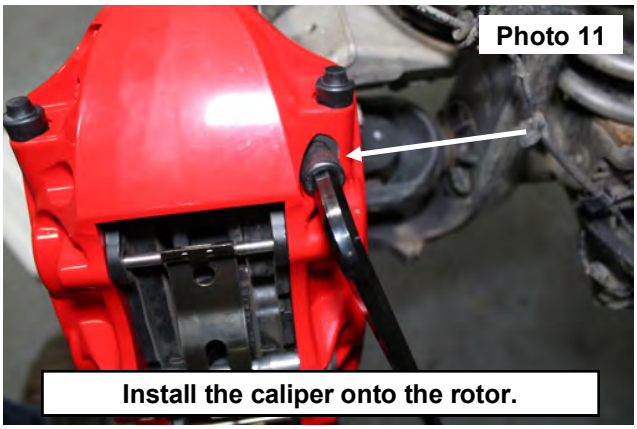


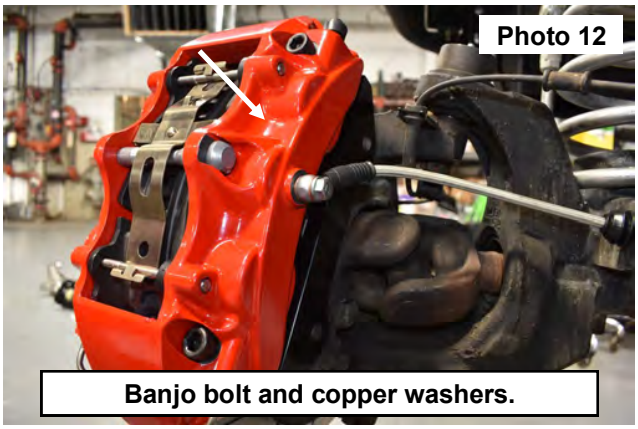
10. Install the pad retainer under the first pin installed, then pressing the retainer down into place install the second pin over the retainer. **See Photo 9.**
11. Use a center punch to lock the (2) pins into the brake caliper. **See Photo 10.**



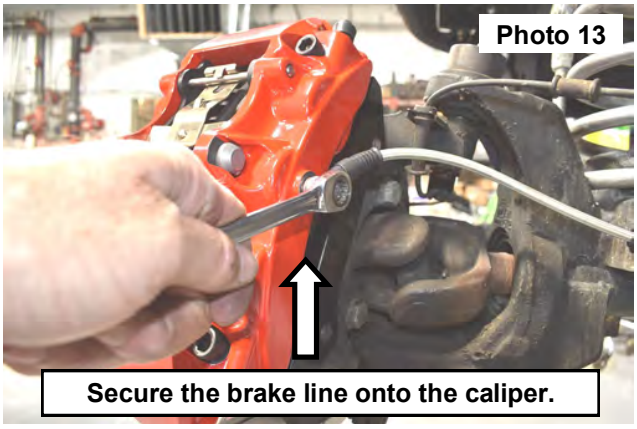


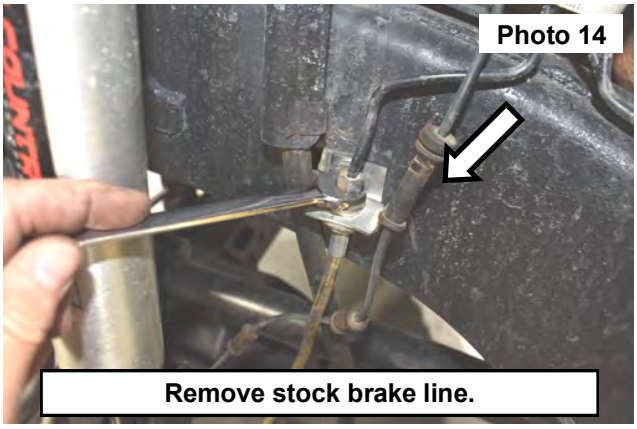
12. Install the caliper over the rotor and secure using (2) of the supplied Allen head bolts. Tighten with a 10mm allen wrench. **See Photo 11.**
13. Install the new braded brake line to the caliper using (1) Banjo Bolt with (2) Copper Washers. **See Photos 12.**



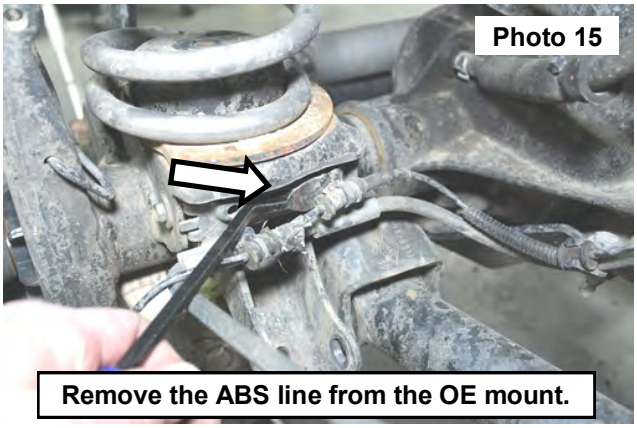


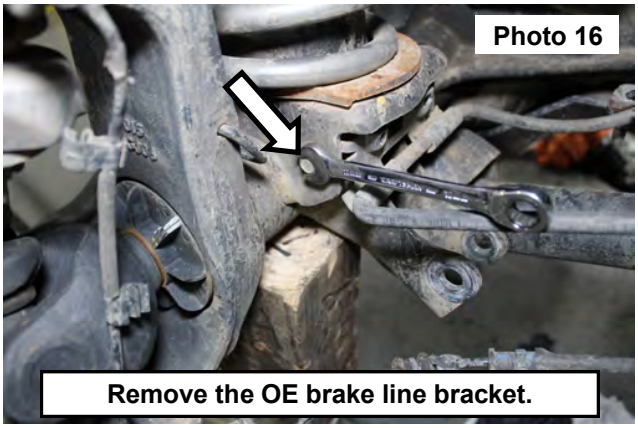
14. Tighten the brake line to caliper using a 12mm wrench along the same angle as the caliper pointing up. Brake line shown installed and tightened to the caliper. **Photo 13.** *Brake line can be repositioned after installation to allow for optimum steering travel. Check steering travel and adjust as needed.*
15. Remove the OE brake line from the frame mounting location using a 10mm and 17mm wrench. **See Photo 14.**



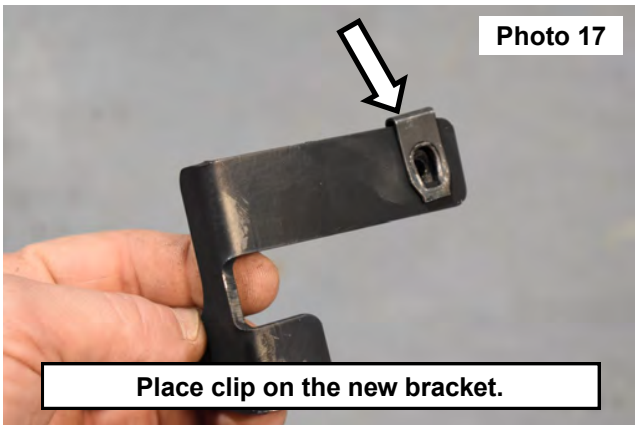


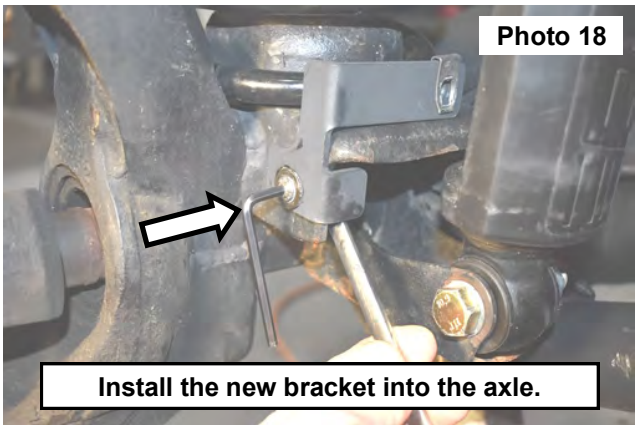
16. Install the new braided brake line to the OE frame mounting location. Route the brake line from the caliper to the frame mount between the shock and the coil spring and use the OE clip to secure to the frame mount. Reconnect stock hard line and tighten using a 10mm and 17mm wrench.
17. Remove the ABS line from the OE brake line axle mount if attached. **See Photo 15.**
18. Remove the brake line bracket bolt using a 10mm wrench and remove the bracket from the axle. **See Photo 16.**



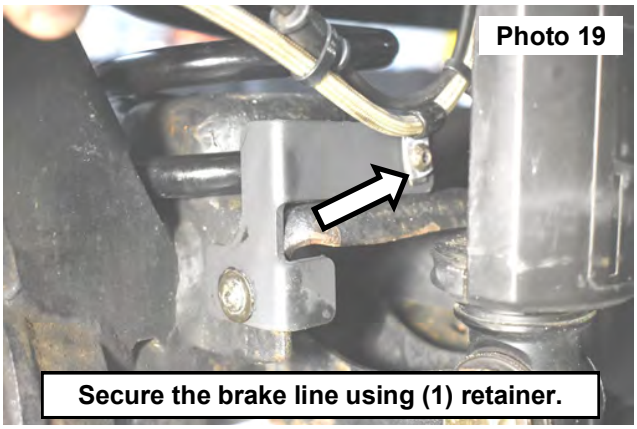


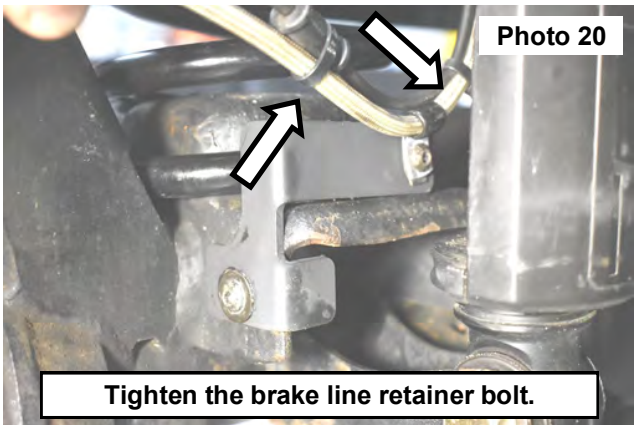
19. Install supplied clip onto the new brake line bracket. **See Photo 17.**
20. Install the bracket in the OE axle bracket location using the supplied Allen bolt. Tighten using a 4mm allen wrench and 10mm wrench. **See Photo 18.**





21. Place the supplied retainer and button head Allen bolt onto the brake line. This retainer will secure the brake line to the axle bracket. Tighten using 4mm Allen wrench. **See Photo 19.**
22. Using the supplied zip ties, secure the ABS line to the brake line. **See Photo 20.**





23. Repeat steps 1-22 on the opposite side of the vehicle before going any further.
24. Bleed the brakes starting with the passengers side front wheel. Ensure there is fluid in the reservoir. Pumping the brake 3-5 times then hold to the floor. Open the bleeder on the top of the caliper to release any air in the system and fill the caliper with brake fluid, then close. Repeat this process on each side of the caliper until the brake pedal feels solid. Then repeat this brake caliper bleeding process on the drivers side of the vehicle.
25. Install the wheels and tires. Lift the vehicle and remove jack stands, then lower onto the ground. **See Photo 21.**



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