

Front Brakeline Installation

2013 Dodge Ram 3500 | 2014 Dodge Ram 2500

Part #: 102003 Rev. 052323



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SAFETY WARNING

BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

! Caution Do not allow large amounts of fluid to escape during installation, adverse affects to the ABS system may occur that requires a trip to the dealership.

1. Park vehicle on clean flat and level surface. Block the rear wheels for safety.
2. Raise the front of the vehicle, support the front axle with jack stands.
3. Remove front wheels.
4. Remove the brake line retaining clips at the frame.
5. Disconnect the ABS wire from the brake line.
6. Disconnect the brake line from the top of the axle and from just below the coil bucket, retain hardware. (Fig 1)
7. Disconnect and remove stock brake line from the frame and caliper.
8. Remove the brass crush washers from the banjo bolt.
9. Install new brake line with new crush washers at caliper. Route the brake line as shown. The brake line will go almost over the bleeder on the caliper once tightened. (Fig 2, 3, 4)

Box Kit		
Part #	Qty	Description
22517	2	2013+ Dodge Front Brake Line
CCW-03-050	4	Crush Washers
5188	2	Snap In Brake Line Clip
099000	8	Zip Ties (For ABS Wire)
0708760	4	Wire Clips (3/8" dia x 0.406 hole)

FIGURE 1



FIGURE 2

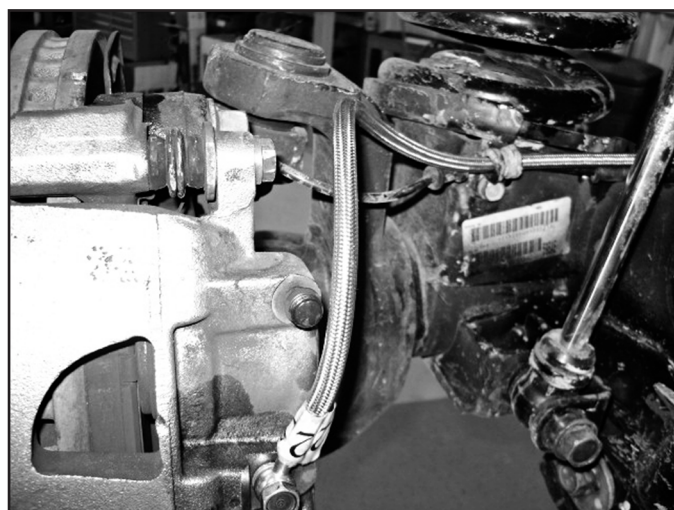
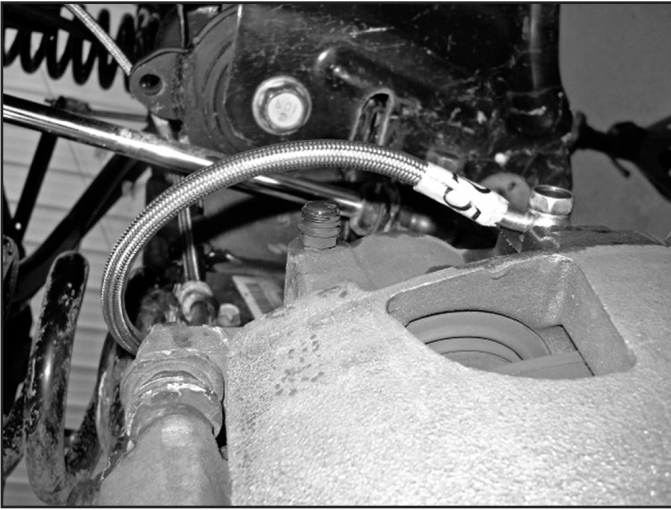


FIGURE 3



10. Tighten brake line at the frame mount through the factory brake line bracket. Install new brake line retaining clip.
11. Attach brake line to the axle with wire clips and factory bolts.
12. Turn the wheel so that the brake line is fully extended. Deform the wire clip slightly to keep the brake line from sliding. Do not over clamp it on the brake line. Ensure there is adequate slack. Turn wheel the opposite direction and ensure the brake line does not contact any components. Adjust as necessary.
13. Attach ABS wire to the brake line with zip ties, 4 per side.
14. Bleed the brakes at this time. Check fluid level before starting.
15. Reinstall wheels, torque to specification.
16. Lower vehicle and check brakes as well as fluid level before test driving.

FIGURE 4

