Brake Hose Installation Tip

Incorrect (backwards) installation of the caliper brake hose will prevent the banjo fitting from properly sealing, ultimately causing the hose fitting to leak. To ensure a proper seal, the fitting must be installed with the stepped side facing “OUT”. Test fit before installing banjo bolt—hose fitting shoulder should not touch caliper.

1. Banjo-style rubber brake hoses with an offset fitting must be installed with the notched side facing outward in order to attain a complete, proper seal. (photo 1)

2. The reference marks indicate “top” and “bottom” of the banjo fitting; the stepped side (top) faces outward, allowing the bottom to seal tight onto the caliper without coming in contact with the fitting’s crimped shoulder. (photo 2)

3. Always use copper compression washers on both sides of the banjo fitting. (photo 3)

4. Installed backwards, as shown, the shoulder of the hose fitting will come in contact with the caliper, causing the banjo to crush the compression washer at an angle, ultimately leading to fluid leaks. (photo 4)

5. Properly installed and tightened, no portion of the brake hose fitting (other than the copper washer) should come in contact with the caliper body, as shown. (photo 5)

PLEASE NOTE: The installer needs to make sure that nothing can make contact with a brake hose, caliper, or other brake component at any point through the entire range of steering and suspension movement. The installer also needs to make sure none of the steering or braking components can become bound or jammed at any time through the range of suspension or steering movement.

GENERAL TORQUE SPECIFICATIONS:

- 1/4" grade 5 10lb/ft 1/4" grade 8 14lb/ft
- 5/16" grade 5 19lb/ft 5/16" grade 8 29lb/ft
- 3/8" grade 5 33lb/ft 3/8" grade 8 47lb/ft
- 7/16" grade 5 54lb/ft 7/16" grade 8 78lb/ft
- 1/2" grade 5 78lb/ft 1/2" grade 8 119lb/ft
- 9/16" grade 5 114lb/ft 9/16" grade 8 169lb/ft
- 5/8" grade 5 154lb/ft 5/8" grade 8 230lb/ft

NOTE: With 18" and larger wheels we recommend 1/2" wheel studs. The larger the wheel diameter, the greater the force is on the wheel studs. Please inquire about replacement wheel stud kits available from CPP.

For technical assistance, refer to our Brake & Steering Tech Guide, visit our website for installation instructions, or call and speak to one of our knowledgeable customer service reps at (714) 522-2000.