

## INSTALLATION INSTRUCTIONS

GOODRIDGE recommend that if you are in any doubt, this kit should be fitted by a qualified mechanic.

1. Before removing existing line(s), check that the line(s) supplied are the correct length and the banjo alignments are correct (Please note that certain kits do not route as per originals, depending on the kit purchased).
2. Drain the system of brake fluid (as per the manufacturer's recommended method). Carefully remove existing brake line(s) from vehicle, avoiding splashing paintwork with brake fluid, noting positions of C-Clip(s), locating tab(s), bracket(s) and banjo(s), if equipped. Remove all crush washers from their mating surfaces. Each kit will arrive with all necessary OEM replacement adapters and banjo bolts.
3. Ensure all sealing surfaces are clean and in good condition.
4. Fit GOODRIDGE line(s), starting from the caliper and following the original path of the original line(s). **Always** use the new crush washers supplied with the kit. (Certain vehicles, e.g., Audi's/ Suzuki's use two different thread pitches for bolts throughout). Ensure all locating tab(s) and mounting bracket(s) are properly attached to their mating points on the frame or chassis and are not introducing tension on either end of the connection.
5. Do not fully tighten the bolts or threaded ends until stage 6 has been fully completed.
6. GOODRIDGE line(s) are designed to replace original line(s). Check line(s) for clearance and correct lengths. The line(s) should be installed without any twists or kinks. The opposite axis torque lines (if featured) should remain parallel along the entire length of the line(s). Full travel of the suspension and steering must be checked to ensure the line(s) are not stretched or trapped.
7. Tighten banjo bolt(s) and end fitting(s). Bolts should be tightened to the following torque settings:

### TORQUE SETTINGS

	Min	Max Plated	Max S/Steel
	(ft-lbs)/Nm	(ft-lbs)/Nm	(ft-lbs)/Nm
Fittings	12/17	18/22	24/33

These torque settings are factory tested to the specified material of the fitting(s) on your GOODRIDGE brake-line kit. They are not specified to the master cylinder, calipers or any other fittings on your vehicle. Please refer to the manufacturer for these torque settings.

8. **Bleeding the brake system.** The system is now ready to be bled. Fresh brake fluid should be used and the system bled in accordance with the manufacturer's recommendations.

## WARNING

**BEFORE TEST DRIVING YOUR VEHICLE, MAKE A FINAL CHECK ON THE BRAKE LINE(S) TO ENSURE ALL CONNECTIONS ARE TIGHT AND LEAK FREE. THE BRAKE SHOULD BE FIRM AT THIS STAGE. AFTER 100miles/160km, RECHECK ALL LINES AND CONNECTIONS TO SPECIFIED TORQUE LEVELS.**

**Mixing rubber line(s) and braided steel replacements on the same brake system is not advised.**

**Do not try to force, rotate or stretch the braided steel hose assembly, as it may cause damage.**

**If for any reason you require technical assistance with installation, refer to your GOODRIDGE dealer.**