



## BRAKE LINE KIT (BKL-002) INSTRUCTIONS

### DISCLAIMER

#### **WARNING: FOR OFFROAD USE ONLY**

INSTALLATION OF ANY COMPONENT OR KIT SHOULD ONLY BE INSTALLED BY PERSONS EXPERIENCED IN THE INSTALLATION AND PROPER OPERATION OF VEHICLE BRAKE SYSTEMS. BEFORE OPERATING THE VEHICLE, TEST THE BRAKES UNDER CONTROLLED CONDITIONS. MAKE SEVERAL STOPS IN A SAFE AREA AT LOW SPEEDS. THIS PRODUCT SHOULD ONLY BE USED IN CONJUNCTION WITH THE SPIDER-TRAX DISC BRAKE KIT.

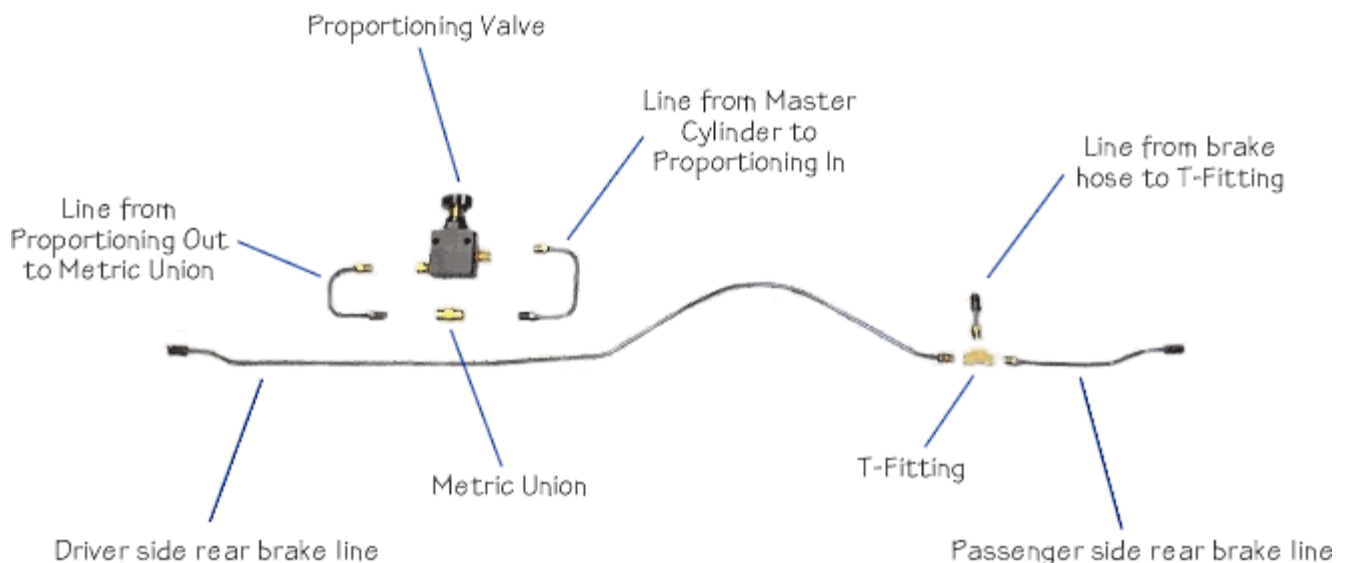


Figure 1

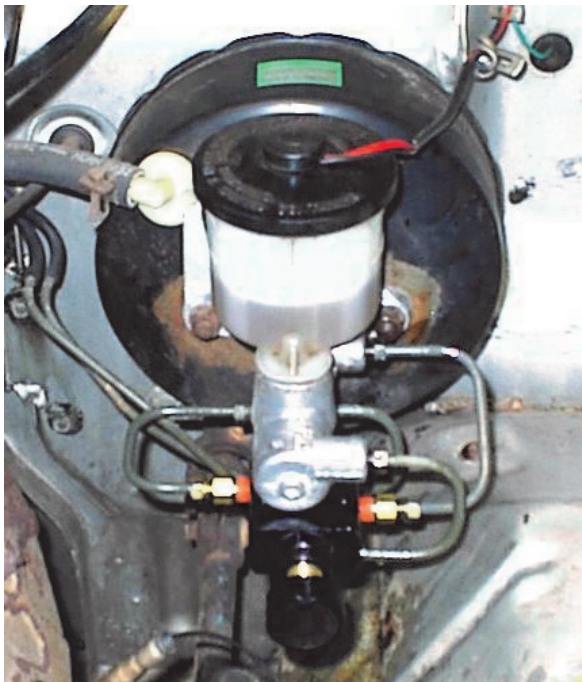
### PART 2: BRAKE LINE SETUP WITH BRAKE LINE KIT SUPPLEMENT

- 1) At this stage in the Disc Brake installation, you should be at Part 2 which will take care of the brake line installation necessary to complete the disc brake setup. With this Brake Line Kit, this installation will be very easily accomplished. Once you finish with this part, continue with Part 3 in the Disc Brake instructions.
- 2) Double check to make sure you have received the correct Brake Line Kit for your Samurai. You should have one soft brake line feeding the rear axle. If you have two soft brake lines feeding the rear, you will need to purchase the BL-01 kit. If you have any concern about whether or not you have received the correct kit, please contact the vendor that you purchased this product from.
- 3) Disassemble the existing two rear brake lines if not already done. First, connect the "line from brake hose to T-Fitting" as shown in **Figure 2**. Connect the Driver side rear brake line and the Passenger side rear brake line to the T-Fitting using the standard ends.

4) Now you will need to assembly the proportioning valve by the master cylinder. **Figure 3** shows the setup that is required for your vehicle. You should finger tighten all connections during installation and then tighten securely once the setup is complete. Using **Figure 1** as reference for the brake line names, first disconnect the existing back line from the master cylinder (the back line is the one closest to the driver or firewall) and connect the small line titled "line from master cylinder to proportioning IN" included in the kit to this spot on the master cylinder. Then, connect the end of this line to the "IN" portion on the proportioning valve. Now, locate the line titled "line from proportioning OUT to metric union" and connect the standard end to the proportioning valve. Then, connect the metric union to the end of this line. Finally, carefully bend the existing brake line that was originally connected to the master cylinder and connect this to the metric union. This system should now look like that in **Figure 3**. Once you have completed this setup, tighten all connections.



**Figure 2**



5 )



**Figure 3**

That completes the brake line setup. Now you can continue with the Disc Brake Installation by returning to **Part 3: Installation of Disc Brakes**. Thank you again for purchasing this supplement and have fun with the remainder of the installation process.

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