DOT-APPROVED BRAIDED STAINLESS STEEL BRAKE LINE KIT

RECOMMENDED TOOLS

Metric Wrench Set
Brake Bleeding Kit
Safety Glasses
Brake Cleaner
DOT-Approved Brake Fluid
Metric Flare Nut Wrench Set
Torque Wrench
Adjustable Wrench

CAUTION

1. Read all instructions completely and carefully before you begin. If anything is not clear, please call our tech support line at 1.877.4X4.TOYS or 559.252.4950 or email tech@trail-gear.com before proceeding.

2. It is not recommended to mix rubber brake lines and stainless steel replacement lines on the same braking system. Do not try to force, rotate, or stretch any stainless steel hose assembly, as it may cause brake line failure.

3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.

4. This product is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this product.



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INSTALLATION STEPS

STEP 1

Raise vehicle. Remove wheels and drain all brake fluid. Carefully remove existing brake lines from vehicle and discard. Avoid splashing paint work with brake fluid, as brake fluid will damage the paint on most vehicles. Make note of the positions of all retaining clips, locating tabs, and banjos, if used. Remove all crush washers from their mating surfaces and discard.

STEP 2

Clean all sealing surfaces with brake cleaner and make sure they are in good condition.

STEP 3

Fit the new brake lines starting at the caliper and following the original path of the OEM lines. Use the new crush washers supplied in your kit. Ensure all locating tabs and mounting brackets are properly attached to their mating points on the frame or chassis and are not causing tension on either end of the connection. Do not fully tighten the banjo bolts or threaded ends at this time.

STEP 4

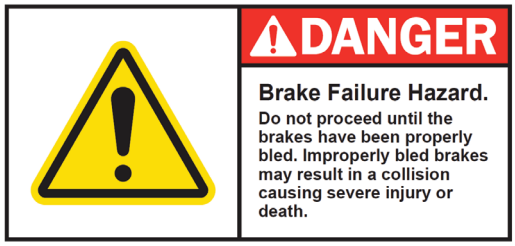
Check that the new brake lines are the correct lengths. The brake lines should not be kinked or twisted. Full travel of the suspension and steering must be checked to ensure the hoses are not stretched or trapped.

STEP 5

Tighten all banjo bolts and end fittings. If you are installing the new brake lines onto a factory hard line, the hard line must be held in place using the correct size wrench. Bolts and end fittings should be tightened to the manufacturers recommended torque specifications. If torque specifications cannot be found, tighten to 12-14 ft-lbs (16.3-19 N-m) of torque.

STEP 6

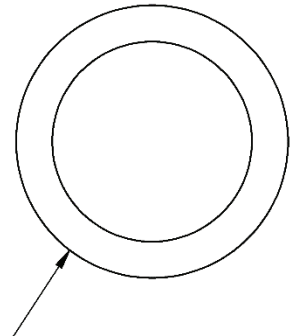
You are now ready to bleed the brakes. You must use fresh DOT approved brake fluid and bleed the system in accordance to the vehicles manufacturer's recommendations.



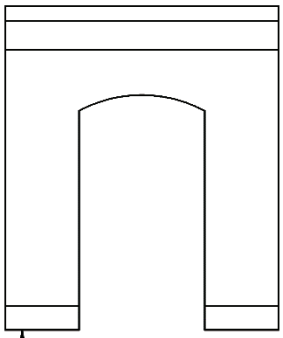
STEP 7

Before test driving your vehicle, make a final check of all brake lines to ensure all connections are tight and do not leak. The brake pedal should be firm at this stage. After the first 100 miles recheck all the lines and connections for tightness and leaks.

REPLACEMENT PARTS



303679
(BANJO CRUSH WASHER)



303558
(RETENTION CLIP)