

MM Front Brake Hose - 1987-1993 (MMBK1-F)

These brake hoses are the best available. These hoses are uniquely designed to allow the hose end to swivel for installation. This keeps the hose end properly aligned in the bracket, without modification to the bracket. These hoses have a brake fluid resistant clear urethane covering to help protect the stainless steel braid. DOT approved.

Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.

Warning

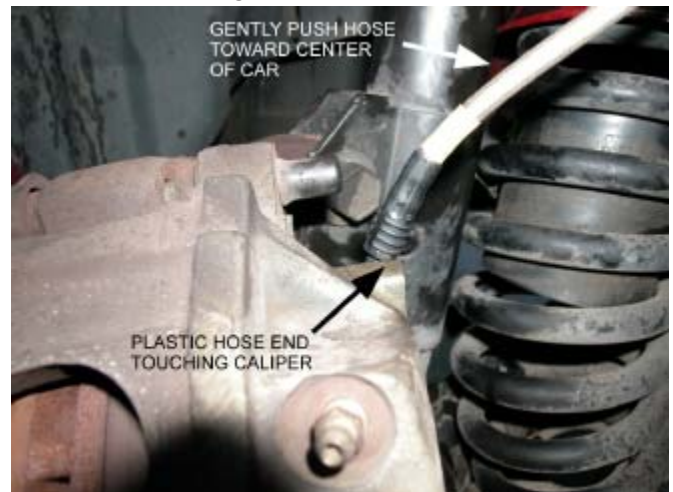
DO NOT torque any aftermarket brake fluid bolt to the same specification as an OEM brake fluid bolt. Torque the StopTech fluid bolts in the MM brake hose kits to 14 ft-lbs. Aftermarket fluid bolts will break if the OEM factory torque specification is attempted.

Do not attempt to use an OEM brake fluid bolt with an aftermarket brake hose.

- The banjo fitting on the end of an aftermarket brake hose is thinner than the fitting on an OEM brake hose. The holes in the side of an OEM fluid bolt may be blocked by the aftermarket banjo fitting, reducing the flow of brake fluid.
- Because OEM fluid bolts are longer than aftermarket fluid bolts, when an OEM fluid bolt is used with an aftermarket brake hose, the extra length will protrude further into the caliper. The end of the OEM fluid bolt can interfere with the retraction of the piston. This may become evident only when attempting to install new brake pads.

1. Jack up car and support securely on jack stands.
2. Remove the front wheels.
3. Completely de-grease the brake caliper and chassis where the factory hoses attach. Dirt and grime will contaminate the brake system, and if allowed on the sealing surfaces of the new hoses will cause leaks.

4. Remove the factory front brake hose assemblies. Use a flare-nut wrench to avoid rounding off the fittings.
5. Insert the MM hose fitting through the bracket on the chassis until the 'E clip' seats against the bracket. *Note: The hose end has both a flat and a notch that align the hose end in the bracket.*
6. Thread the hard line on the chassis into the hose end fitting, but leave the flare nut loose so that the hose can swivel.
7. Secure the hose end to the bracket by re-using the factory 'C-clip'.
8. Attach the MM brake hose to the caliper with the supplied new fluid bolts (sized 10mm x 1.5). Use the supplied new crush washers.
9. Orient the hose so that it is pointing straight up, vertical from the caliper. Snug the fluid bolt so that the brake hose can still pivot on the fluid bolt. Do not yet tighten the fluid bolt.
10. At the caliper, gently pivot the hose on the fluid bolt toward the center of the car until the black plastic end of the hose just touches the corner of the caliper. Do not force the brake hose past this point or the black plastic hose end may become wedged against the caliper, preventing the fluid bolt from sealing.



DRIVER SIDE SHOWN

- 11. Torque the fluid bolt at the caliper to 14 ft-lb while gently pushing the brake hose toward the center of the car with two fingers to keep it from rotating. *Note: Do not over-tighten the fluid bolts.*
- 12. Again, gently push the hose toward the center of the car with one finger. Tighten the hose fitting to the hard line at the chassis bracket. Use a flare wrench to avoid rounding off the fitting.



- 16. Reinstall the front tires and torque the lug nuts to factory specifications. Lower the car to the ground.
- 17. Firmly block the tires to prevent the car from rolling. Now that the suspension is compressed, inspect the brake hose clearance with a mechanic's mirror while a friend turns the wheel from lock to lock as in step 13.
- 18. Test drive and enjoy.

This Kit Includes The Following:

- 2 Front Hoses
- 2 Fluid bolts 10mm x 1.5
- 4 Crush washers, copper
- 1 Instructions

- 13. Temporarily remount the wheels; checking clearances to ensure the hose will not contact the tire. Have a friend turn the steering wheel from lock to lock. If it does rub, the tire *will* wear through the hose.

If the hose rubs the tire, return to step 12, but push the hose to the center of the car more firmly for additional tire clearance.

- 14. Bleed the brake system in the order shown below and check all fittings for leaks.

Front of Car

- | | |
|---|---|
| 4 | 3 |
| 2 | 1 |

NOTE: If you are unfamiliar with brake bleeding techniques, consult a service manual for further information on bleeding air from the brake system.

- 15. Have a friend firmly depress the brake pedal multiple times while you inspect the brake lines and fittings for leaks.