

Z1 STAINLESS STEEL BRAKE LINES INSTALLATION GUIDELINES

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- 10mm, 12mm, 14mm Wrench

SAFETY REQUIREMENTS:

- Always wear safety glasses and any necessary protective garments. If using any fluids, chemicals, or solvents, a respirator is recommended.
- Always turn the ignition to the OFF position.
- Always use properly rated jack stands when working under your vehicle.
- Always keep limbs and parts away from moving drivetrain parts.
- Only operate drivetrain in safe space and well-ventilated areas.

PROCEDURE:

1. Place the transmission in Park position (or in Reverse gear if equipped with a manual transmission). Apply the parking brake.
2. Loosen lug nuts on the wheels for the end you are working on, but DO NOT remove the lug nuts.
3. Locate proper jacking points on vehicle's chassis (refer to vehicle's Owner Manual). Raise and support vehicle using jack & jack stands.
4. Remove lug nuts and wheels.
5. With a trash can or drain bucket below, remove the OEM brake lines from the calipers and hard lines on vehicle. Be cautious as brake fluid will leak out when they are removed, make sure to dry and clean any brake fluid that gets on painted surfaces immediately.
6. Locate new stainless steel brake lines. If applicable, hold brake line up to caliper and hardline and take note of where the push clip bracket is located on the line and where it should connect on the vehicle. The bracket is shown in the image at right.
7. If the bracket is in the correct position proceed to the next step. If the bracket needs to be moved follow the steps below.
 - a. Using silicone spray or another lubricant, cover the entire grommet under the metal bracket with silicone spray.
 - b. Work the line around to ensure the entire grommet is lubricated.
 - c. Slide the bracket and grommet up or down to into the correct position.
 - d. Hold line back up to caliper and factory hardline to confirm location.
8. Once the brackets are in the correct position, install all brake lines.



9. It is now time to bleed the brake system. Open up the brake fluid reservoir and make sure it is filled to the max line.
10. Starting at the right rear wheel, connect a vinyl tube or hose onto the brake bleeder valve and place the other end in a bottle or bin.
11. Fully depress the brake pedal 4-5 times or until the pedal is firm.
12. Loosen the bleeder valve to allow air to escape and then quickly tighten it back.
13. Repeat steps 11 and 12 until all of the air is out of that brake line. Make sure to monitor the brake fluid level in the reservoir and to fill up as needed. DO NOT let the reservoir run dry.
14. If you have sport brakes, ensure that the bleeder valves on each side of the calipers are bled.
15. Repeat steps 10-14 on the other three brakes. It is recommended to bleed the calipers in the following order: right rear -> left rear -> right front -> left front.
16. Once all calipers are bled, check the fluid level one last time and top up if needed.
17. Perform a final test drive of vehicle.

END

Additional Technical Support:
Contact Z1 Motorsports at info@z1motorsports.com
Or call 770-838-7777 between 9am and 6pm ET