

Z1 370Z/G37 PREMIUM STAINLESS STEEL BRAKE LINES INSTALLATION MANUAL



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| This Installation Manual is intended for the following models: | |
| 2009-2020 | Nissan 370Z (with Akebono Brakes) |
| 2008-2015 | Infiniti G37 (With Akebono Brakes) |

PROLOGUE:

Study these instructions completely before proceeding to assembly. The installer must have a thorough knowledge of automotive systems operation. If unfamiliar with any of the concepts outlined in this instruction, we recommend the installation be completed by a qualified professional.

WARNING!

Extreme caution should be taken when performing maintenance or performance upgrades to your vehicle. Please observe and abide by any Warning or Caution labels placed on the various components and tools used when servicing your vehicle. If you have any questions regarding installation or the various components included with the Z1 Motorsports Z34 Premium Stainless Steel Brake Lines, consult with a Professional Mechanic, or contact Z1 Motorsports for more information.

PARTS INCLUDED:

| Item | Quantity | Description |
|------|----------|----------------|
| 1 | 1 | Brake Line Kit |

TOOLS REQUIRED:

- Hydraulic Jack
- (2) 2-Ton (or greater) Jack Stands
- Ratchet
- Ratchet Extension(s)
- Assorted Metric Wrenches
- Assorted Metric Sockets
- Torque Wrench
- Pliers

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 and disconnect the NEGATIVE battery terminal.
- 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.

BEFORE YOU BEGIN:

Remove contents from the Z1 Motorsports Z34 Premium Stainless Steel Brake Lines and verify that ALL necessary hardware is present.

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 all Wheels.
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. Starting in the rear of the vehicle, remove the OE Brake Line. Prepare a bucket or rag to catch Brake Fluid that will leak once the line is removed. *Figure 1.*

NOTE: Brake Fluid will damage painted surfaces. Clean up any spilled fluid immediately.

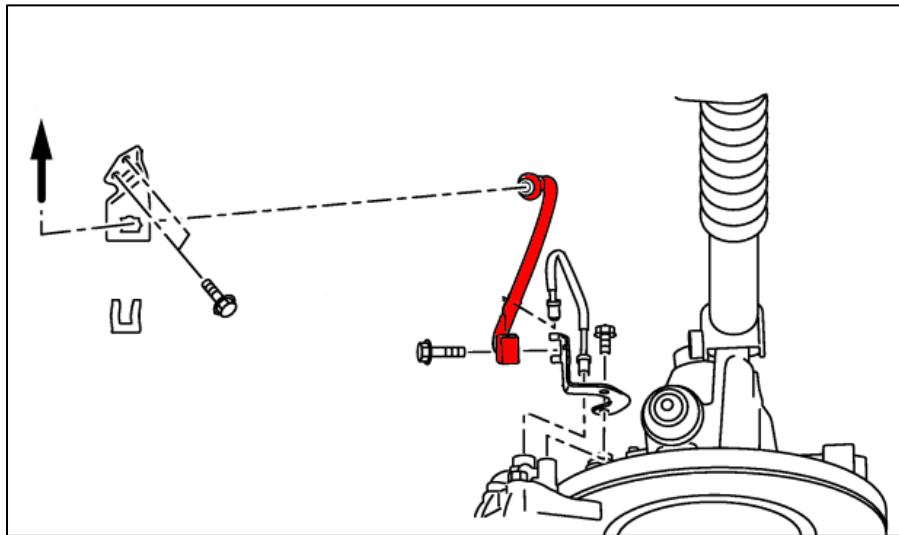


Figure 1

6. Locate (1) one of the Longer Female End Brake Lines. The Shorter Brake Lines **WILL NOT** fit in the rear of the vehicle. Install the Brake Line into the rear of the vehicle. The Hardline coming from the Caliper will mount into the Brass Block of the new Brake Line. *Figure 2.*

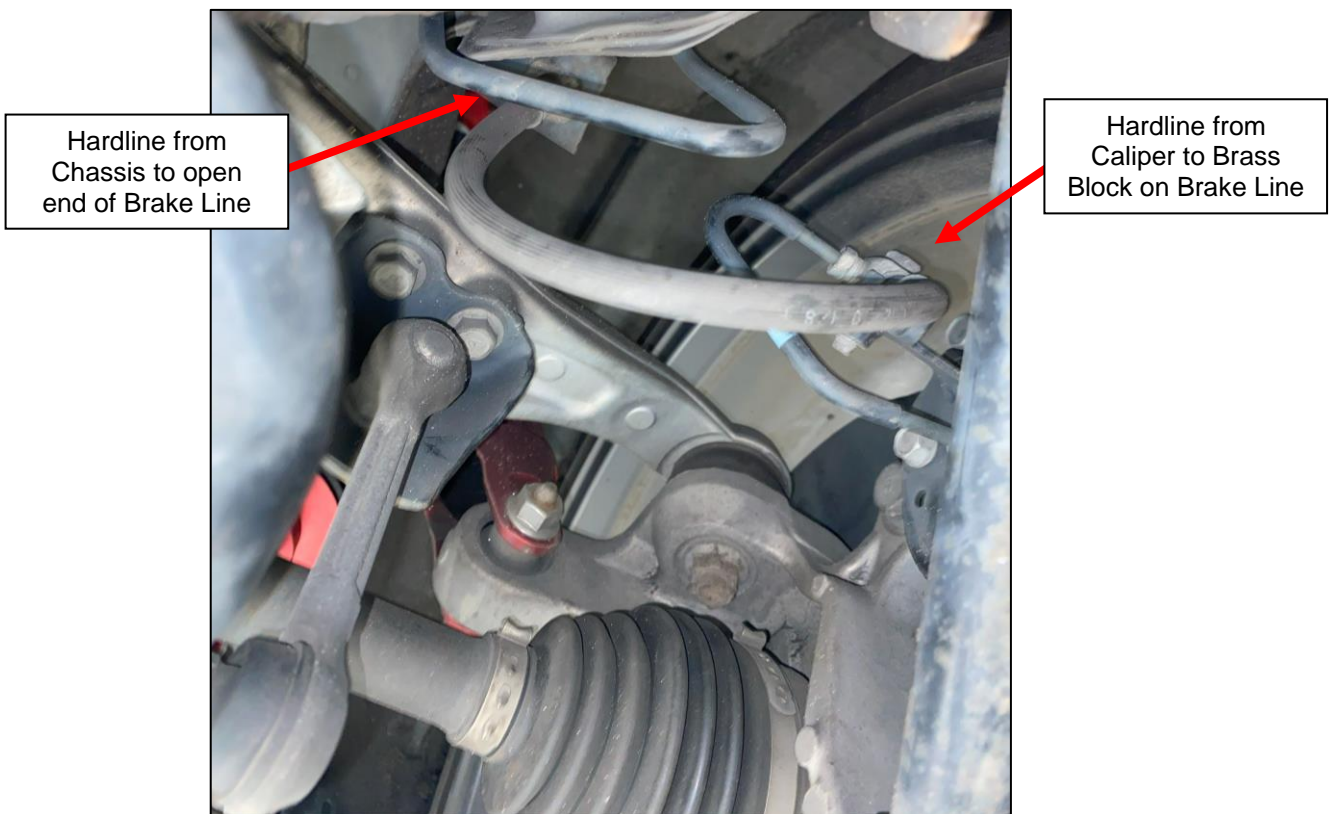


Figure 2

7. Use the OE Hardware to secure the new Brake Line to the vehicle. Torque the Bolt (Circled below) securing the Brass Block in the Brake Line to **16 ft-lbs**. *Figure 3.*

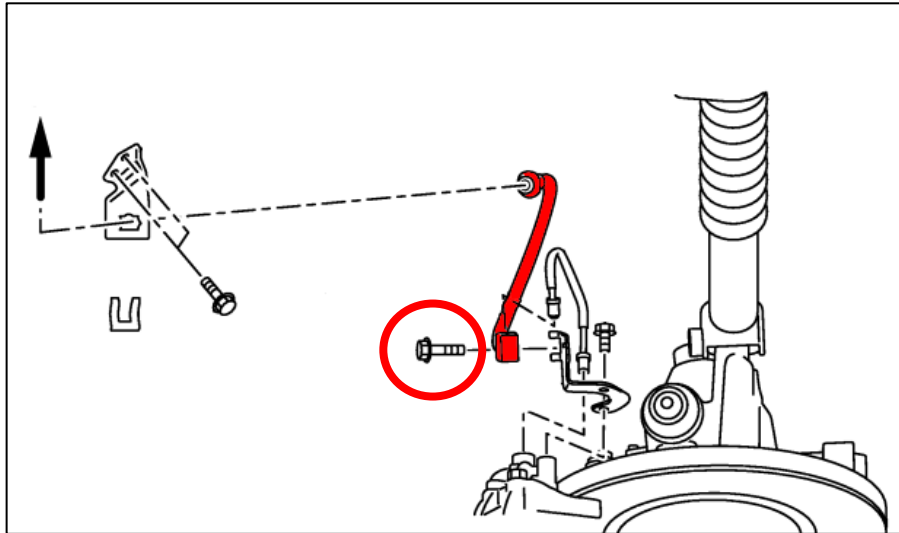


Figure 3

8. Repeat Steps 5-7 for the other rear side of the vehicle.
9. On the front of the vehicle, remove the (2) two pieces that make up the front Brake Line. Retain all hardware. *Figure 4.*

NOTE: Pre-2012 Vehicles will have (2) two Brass Blocks on the Brake Lines. 2012+ Vehicles will have (1) one Brass Block on the Brake Line.

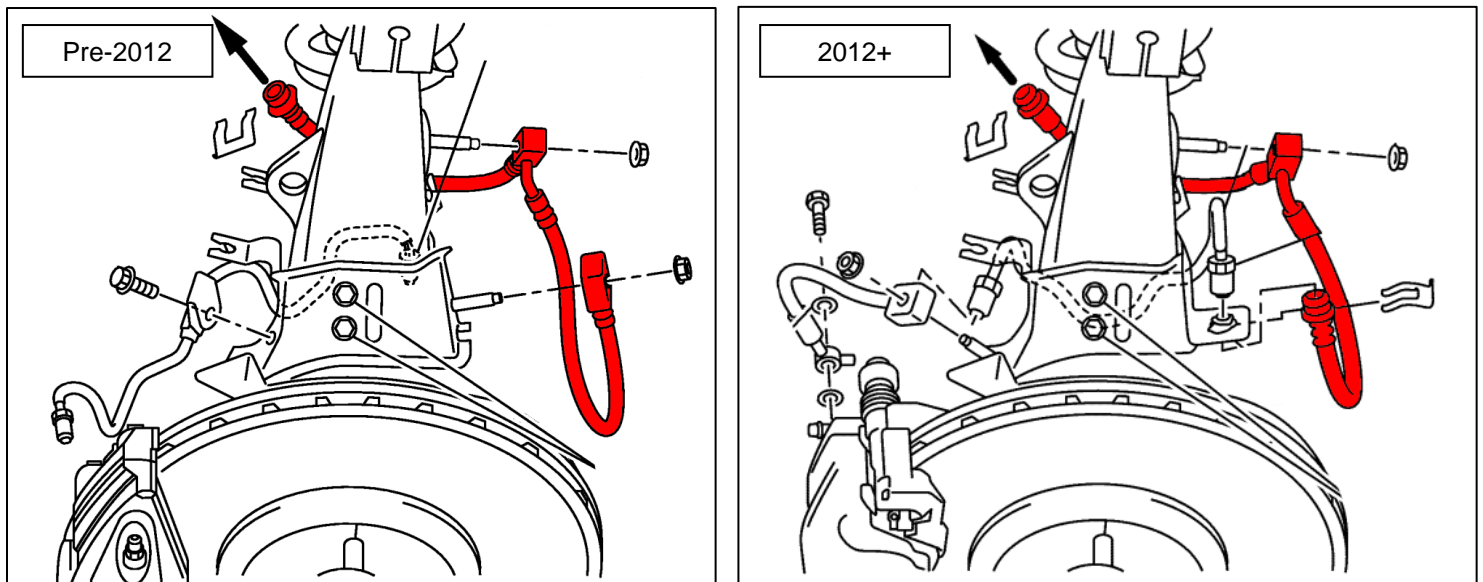


Figure 4

NOTE: If you have a Pre-2012 Vehicle, continue to *Step 10*. If you have a 2012+ Vehicle, skip to *Step 13*.

10. **Pre-2012:** Locate the Shorter Female End Front Brake Line and the Male End Front Brake Line. Install the Male End Brake Line into the Brass Block of the Female End Brake Line. *Figure 5.*

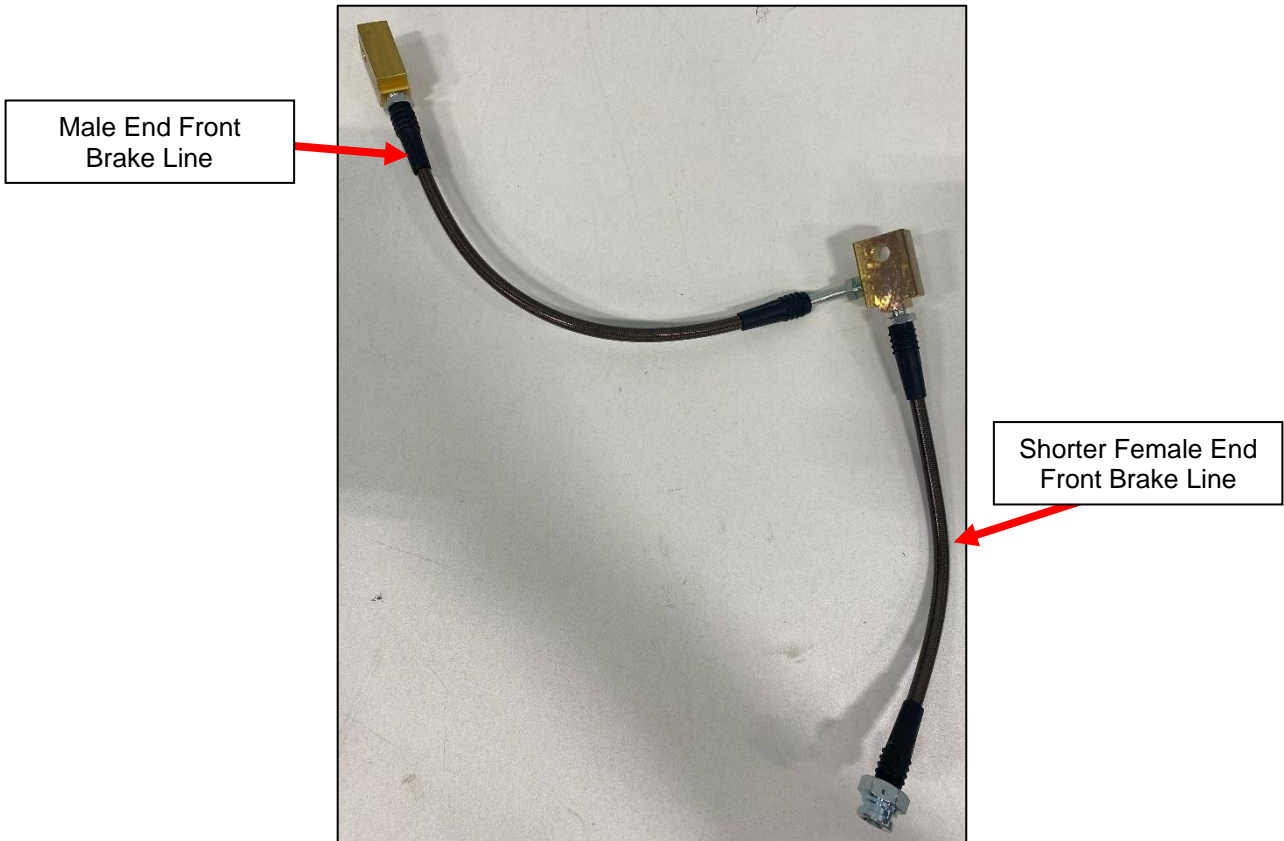


Figure 5

11. Install the Brass Block of the Male End Brake Line to the Hardline from the Caliper. The Brass Block of the Shorter Female End Brake Line will be secured to the Strut Mount. The Female End of the Brake Line will connect to the OE Hardline from the chassis of the vehicle. *Figure 6.*

NOTE: The Figure below shows an OE Rubber Line, but the new Stainless Lines will mount the same.

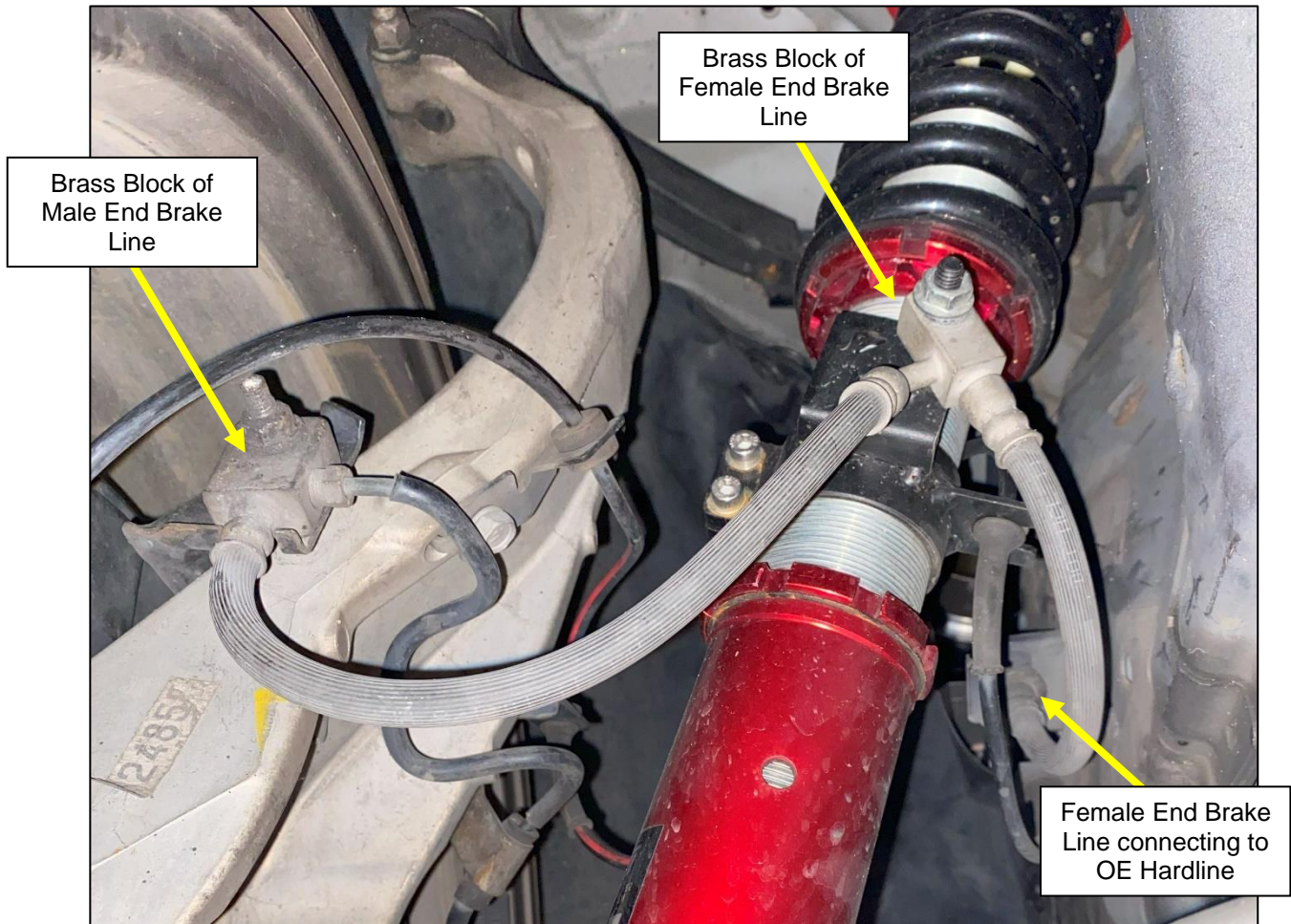


Figure 6

12. Torque the Nuts securing the Brake Line to the Vehicle to **16 ft-lbs.**

13. **2012+**: Locate the Shorter Female End Front Brake Line and the Male End Front Brake Line. Install the Male End Brake Line into the Brass Block of the Female End Brake Line. *Figure 7.*

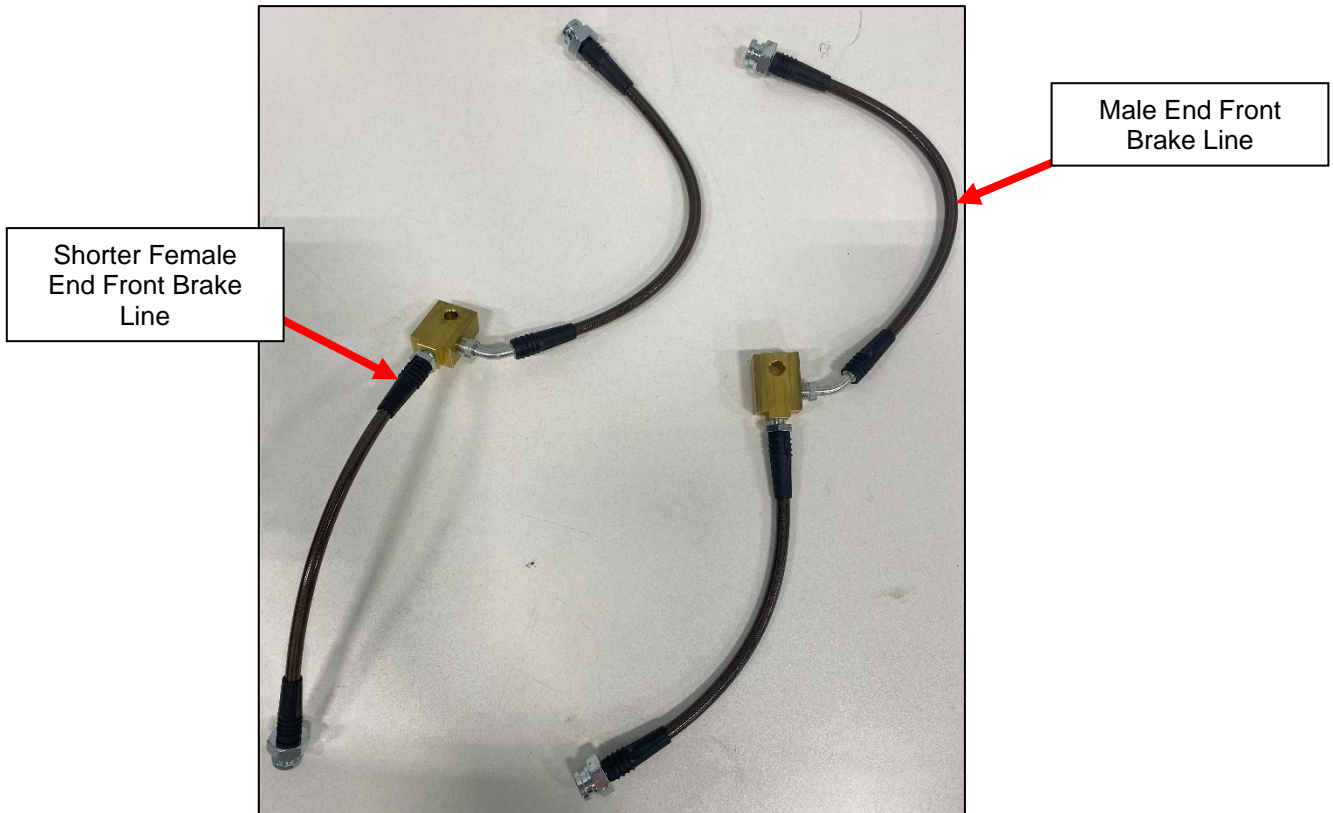


Figure 7

14. Install the Open End of the Male End Brake Line to the Hardline from the Caliper. The Brass Block of the Shorter Female End Brake Line will be secured to the Strut Mount. The Female End of the Brake Line will connect to the OE Hardline from the chassis of the vehicle. *Figure 8.*

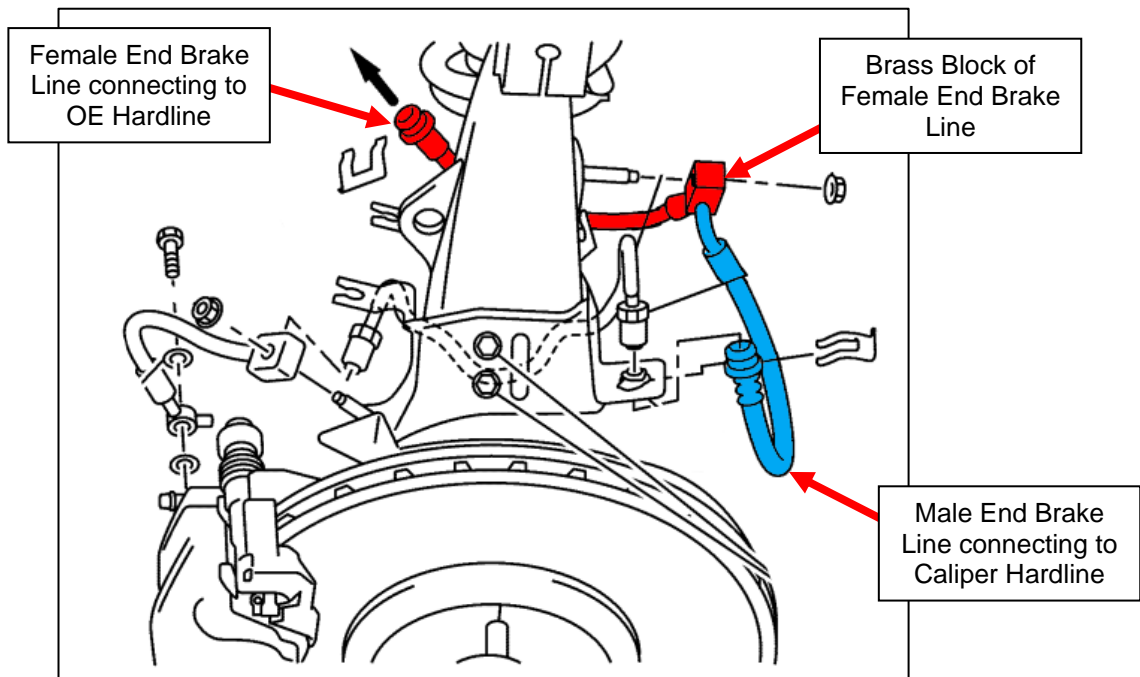


Figure 8

15. Torque the Nuts securing the Brake Line to the Vehicle to **16 ft-lbs.**
16. Bleed the Brakes in accordance with the Factory Service Manual (FSM), starting with the Passenger Side Rear of the vehicle. Check for leaks while bleeding.
17. Reinstall Wheels and Lug Nuts.
18. Safely lower vehicle from jack stands.
19. Take your vehicle for a test drive.

END

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