

Installation Instructions for CorkSport 2003-up Mazda 3 Stainless Braided Brake Line Kit

Contents

- 4 Brake Lines (like image above)
- 5 Page Installation Instructions

Tools required

- 8mm wrench
- 10mm wrench
- 12mm wrench
- 14mm wrench
- Brake Fluid
- Floor Jack
- Jack stands

DANGER: Installation of the brake lines should be done by a professional mechanic. Failure of the brake system could lead to significant property damage and/or death. CorkSport nor any of its employees or owners will not be liable for the outcome of the installation from using these instructions. The installation instructions are for reference only.

Thank you for your purchase. If you have any questions please call Cork Sport at 360 260 CORK

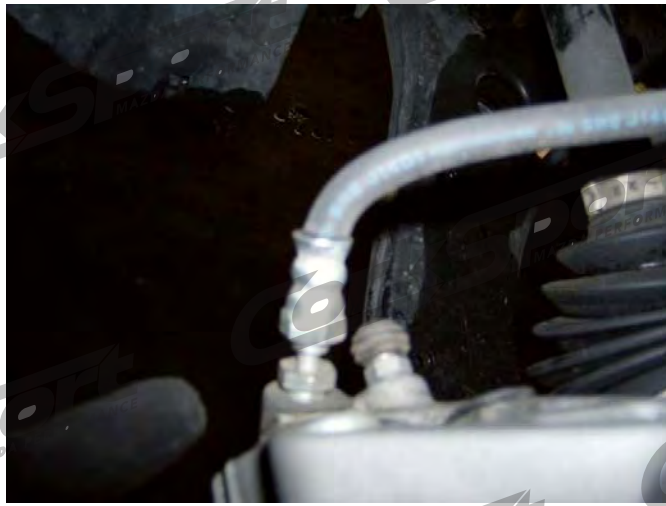
Installation of the front brake lines

Step 1: Jack up vehicle and secure it on jack stands on a flat level surface.

Step 2: Remove front wheel and locate the front brake line.

Step 3: Place a pan/container under work area to catch brake line fluid that will drain from the caliper. *Warning: Be very careful not to spill/splash any brake fluid on car paint. If incident occurs rinse immediately to avoid damage to cars paint.*

Step 4: Remove the front brake line from the caliper. This will require a 12mm wrench to remove the line from the caliper, see picture below.



Step 5: Locate the junction for the brake line to the car body. It will take a 10mm wrench to loosen the fitting. Once the fitting is loose remove the line holder clip. See picture below.



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Step 6: Locate the front line in the brake line kit it will be one of the two longer lines. The lines are the same for left and right.

Step 7: Install the new CorkSport brake line to the caliper with the 12mm wrench. Tighten the line to 12.6 to 15.8 ft/lb. Make sure the brake line follows the same path as the original.

Step 8: Connect the new brake line to the original metal hard line and tighten by hand.

Step 9: Take the 10mm wrench and tighten the two lines together. Slide the line holder clip to hold the new line in place in the bracket.

Step 10: Repeat the instructions for the other front brake line.

Installation of the rear brake lines

Step 1: Place a pan/container under work area to catch brake line fluid that will drain from the caliper. *Warning: Be very careful not to spill/splash any brake fluid on car paint. If incident occurs rinse immediately to avoid damage to cars paint.*

Step 2: Locate and remove the rear brake line from the car body junction. This will require a 10mm wrench. See picture below. Once the brake line is loose remove the line holder clip.



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Step 3: Remove the brake line from the holder, see picture below.



Step 4: Once the line is free from the body and holder loosen the brake line from the caliper. This will take the 14mm wrench. This will allow you to remove the stock brake line.



Step 5: Locate the replacement CorkSport brake line in the package. At this point you should only have two short lines, of equal length remaining.

Step 6: Install the brake line into the brake caliper. Tighten the line to 12.6 to 15.8 ft/lb. Make sure the replacement line is fitted through the line bracket shown above.

Step 7: On the opposite end of the brake line the fitting will only fit in the car body bracket one way. Spin the line until it fits into the bracket high enough that the flat retainer clip will hold it.

Step 8: Re-install the stock 10mm fitting and tighten. Reinstall the line holder clip

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Step 9: You will need to bleed the brake system. To bleed the brake system there are two methods.

Method #1 is to get a two foot section of 5/32 diameter hose and a 1 liter plastic bottle. Put the hose on the end of the bleed screw. Put the other end of the hose in the 1 liter bottle. Fill the bottle with enough brake fluid to submerge the end of the hose. Loosen the brake bleed screw and make sure the hose stays attached to the end of it. Pump the brake pedal in the car until there are no bubbles coming from the hose in the 1 liter bottle. Tighten the bleed screw then remove the rubber hose. Check the brake fluid level in the master cylinder and keep it at the full line after bleeding each caliper.

Method #2 requires two people, a two foot section of 5/32 diameter hose, and a 1 liter plastic bottle. Put the rubber hose on the bleed screw and the other end in the 1 liter bottle. Have the extra person pump the brake pedal until is pedal pressure. Have the extra person hold the pedal with pressure while you loosen the bleed screw. The pedal will go to the floor. Have the extra person hold the pedal to the floor until you tighten the bleed screw. Repeat the procedure 3 times per caliper. Check the brake fluid level and keep it at the full line after bleeding each caliper.

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