



## Audi B9 A4 Exact-Fit Brake Line Set Routing Instructions

### INTRODUCTION

### The Project:

These instructions have been created to assist you in the installation of your new Audi B9 A4 Exact-Fit Brake Line Set. We will cover a few main points which will ensure that the lines are routed properly, providing you with the superior pedal feel, and long service life which you expect from our Exact-Fit product line.

Be sure to read these instructions and have all necessary tools on hand before you begin your installation. Thank you for looking to ECS Tuning for all your performance and repair needs, we appreciate your business!

### ECS Difficulty Gauge



1 - Easy

2 - Moderate

Pro - 4

Advanced - 3

Don't forget to bleed the air bubbles out of all of the brake lines after this installation. If you have no experience bleeding brakes, be sure to consult a professional before attempting the procedure. If you do have previous experience bleeding brakes, our Schwaben European Pressure Brake Bleeder is the perfect tool to get you back on the road quickly and easily! It can be found on our website at [ES#2774831](https://www.ecstuning.com/ES#2774831).



## INSTALLATION NOTES

- **RH** refers to the *passenger side* of the vehicle.
- **LH** refers to the *driver side* of the vehicle.
- Always use the proper torque specifications.
- If applicable to this installation, torque specifications will be listed throughout the document and at the end as well.
- Please read all of these instructions and familiarize yourself with the complete process **BEFORE** you begin.

## GENERAL PREPARATION AND SAFETY INFORMATION

ECS Tuning cares about your health and safety. Please read the following safety information. This information pertains to automotive service in general, and while it may not pertain to every job you do, please remember and share these important safety tips.

- Park your car in a safe, well lit, level area.
- Shut the engine off and remove the key from the ignition switch.
- Make sure any remote start devices are properly disabled.
- **ALWAYS** wear safety glasses.
- Make sure the parking brake is applied until the vehicle is safely lifted and supported.
- If using an automotive lift, be sure and utilize the factory specified lift points. Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- When lifting a vehicle using a jack, always utilize the factory specified lift points. Lifting a vehicle in an incorrect location can cause damage to the suspension/running gear.
- **ALWAYS** support the vehicle with jack stands.
- Always read and follow all safety information and warnings for the equipment you are using.



**NEVER** get underneath a vehicle that is supported only by a jack, and **ALWAYS** make sure that the vehicle is securely supported on jack stands.



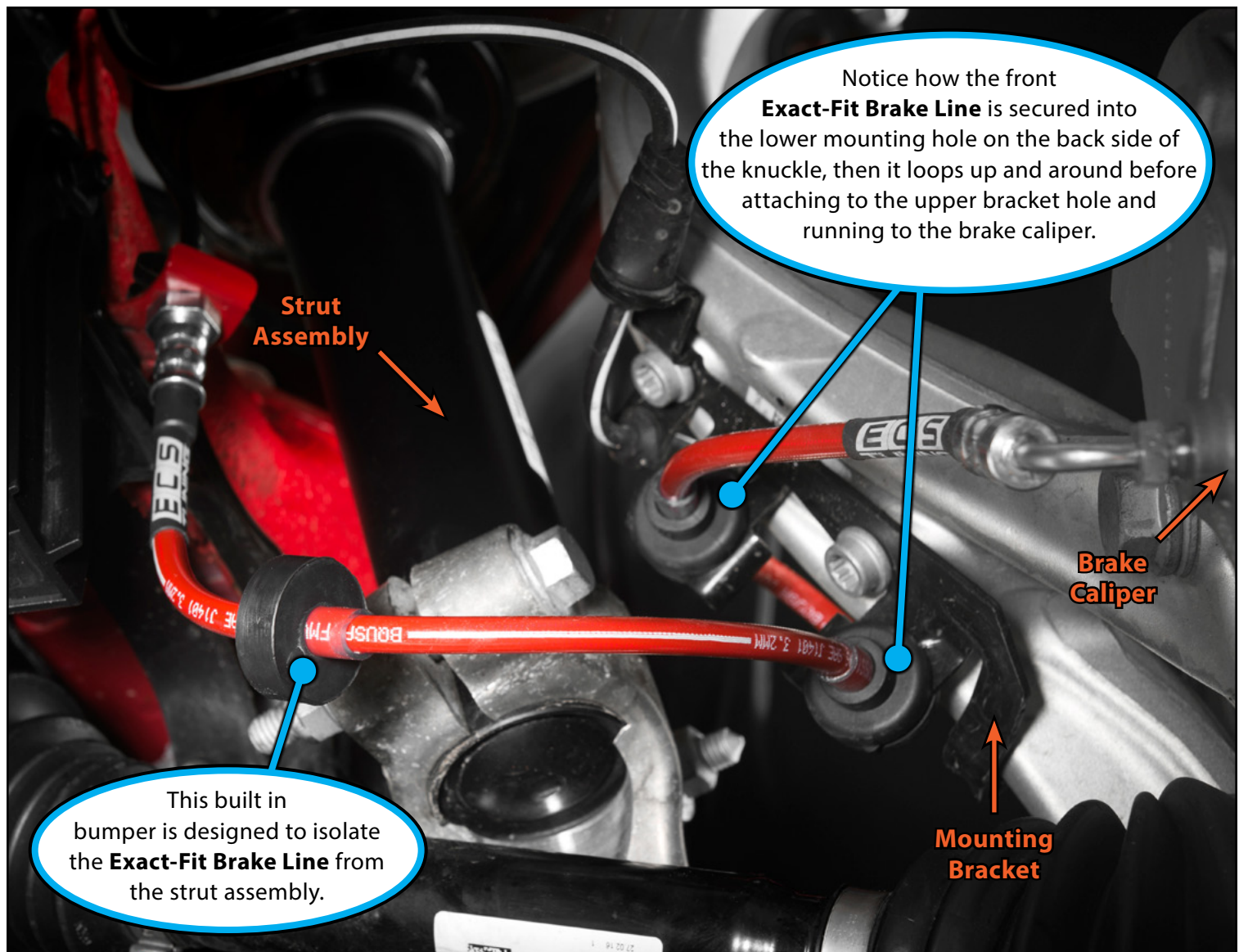
Don't forget to bleed all of the air bubbles out of the brake lines after this installation.

## FRONT EXACT-FIT LINE ROUTING

Let's take a moment and look at the line routing for the front **Exact-Fit Brake Line**. These **Exact-Fit Brake Lines** are designed to utilize the factory mounting bracket on the back side of the knuckle, so we placed two rubber grommets on the **Exact-Fit Brake Line** which are to be inserted into the mounting bracket holes. It is very important to install the grommets into the correct holes, or the **Exact-Fit Brake Line** can come into contact with moving components as the suspension travels up and down.

Please reference the photo below, you can see that the **Exact-Fit Brake Line** connects to the chassis-mounted brake line near the top left of the image. The **Exact-Fit Brake Line** is then routed around the back side of the strut assembly, and the first grommet is inserted into the LOWER mounting hole in the bracket, then the line then loops back around and the second grommet is inserted into the UPPER mounting hole in the bracket. The line is then routed and connected to the brake caliper.

**NOTE:** This photo shows the Front RH (Passenger) side of the vehicle, the Front LH (Driver) side will be a mirror image.





## REAR EXACT-FIT LINE ROUTING

The rear **Exact-Fit Brake Line** simply connects to the chassis-mounted brake line, then it is routed directly to the rear brake caliper. It is important to ensure that the **Exact-Fit Brake Line** is not twisted or kinked during routing, and be sure to install the **Exact-Fit Brake Line** to the caliper as shown in the inset photo.

**NOTE:** This photo shows the Rear LH (Driver) side of the vehicle, the Rear RH (Passenger) side will be a mirror image.

The rear **Exact-Fit Brake Line** is very straight forward, this line runs from the chassis line to the brake caliper. Important considerations for this line would be ensuring adequate clearance between the line and suspension components.

