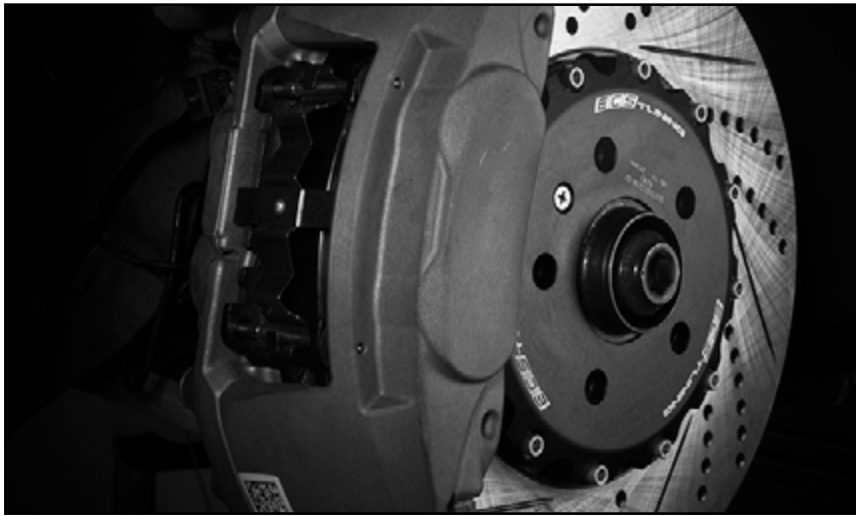




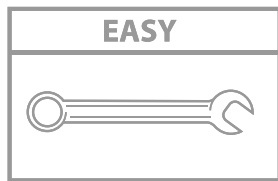
Audi Brembo Q5 4-Piston Caliper Upgrade Installation Information



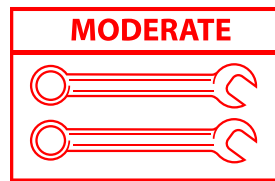
Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

INTRODUCTION

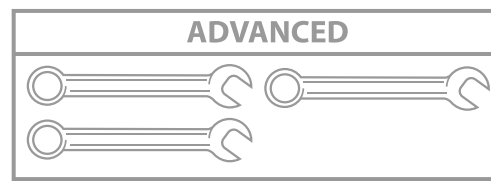
Installing the Brembo Q5 4-piston caliper Big Brake Kit will provide impressive gains in braking power, a necessary upgrade when you've increased the horsepower of your Audi. This upgrade is a fairly routine job for an experienced technician, but depending on the vehicle, may require a couple of modifications that remove it from the true "bolt on" class of repairs. We have outlined these modifications for you in order to make this a smooth upgrade. Thank you for looking to ECS Tuning for all your performance and repair needs. We appreciate your business!



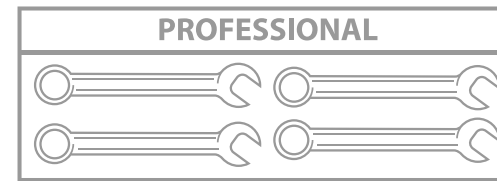
**BASIC SKILLS
REQUIRED**



**SOME EXPERIENCE
RECOMMENDED**



**ADVANCED SKILLS &
EXPERIENCE REQUIRED**



**PROFESSIONAL SKILLS &
SPECIALTY TOOLS REQUIRED**

TABLE OF CONTENTS

Shop supplies and materials	pg.3
Installation notes	pg.4
Preparation and safety	pg.4
Dust shield modification	pg.5
Securing the brake pad wear sensor	pg.6
Schwaben tools.....	pg.7

SHOP SUPPLIES AND MATERIALS

Below is a list of standard shop supplies which we like to keep on hand during all repairs and services. Shop supplies with a link are available on our website.

Hand Cleaner/Degreaser - [Click Here](#)

Aerosol Brake/Parts Cleaner - for cleaning and degreasing parts

Shop Rags - used for wiping hands, tools, and parts

Pig Mats - for protecting your garage floor and work area from spills and stains - [Click Here](#)

Penetrating oil - for helping to free rusted or stuck bolts and nuts

Mechanics wire - for securing components out of the way

Silicone spray lube - for rubber components such as exhaust hangers

Spray detailer - for rapid cleaning of anything that comes into contact with your paint such as brake fluid - [Click Here](#)

Paint Marker - for marking installation positions or bolts during a torquing sequence

Micro Fiber Towels - for cleaning the paint on your car - [Click Here](#)

Latex Gloves - for the extra oily and dirty jobs - [Click Here](#)

Medium and High Strength Loctite Thread lock compound - to prevent bolts from backing out - [Click Here](#)

Plastic Wire Ties/Zip Ties - for routing and securing wiring harnesses or vacuum hoses

Anti-Seize Compound - to prevent seizing, galling, and corrosion of fasteners - [Click Here](#)

Electrical tape - for wrapping wiring harnesses or temporary securing of small components

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. Always make sure that the vehicle is securely supported on jack stands.

DUST SHIELD MODIFICATION

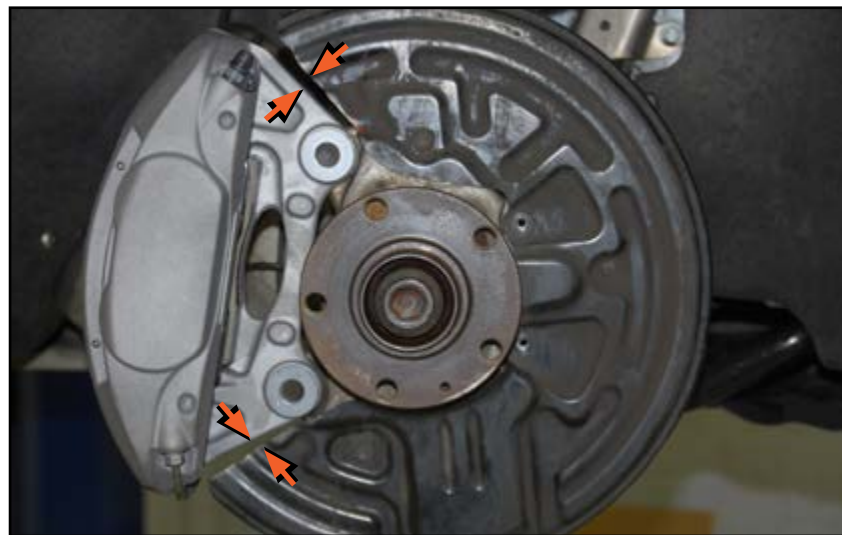
Step 1:

On some vehicles, there may be interference between the caliper and the brake shield.

Mount the caliper on the steering knuckle and check for clearance between the caliper and the ears on the brake shield. If the brake shield will need trimmed, mark it, remove it from the car and trim it as required.

Step 2:

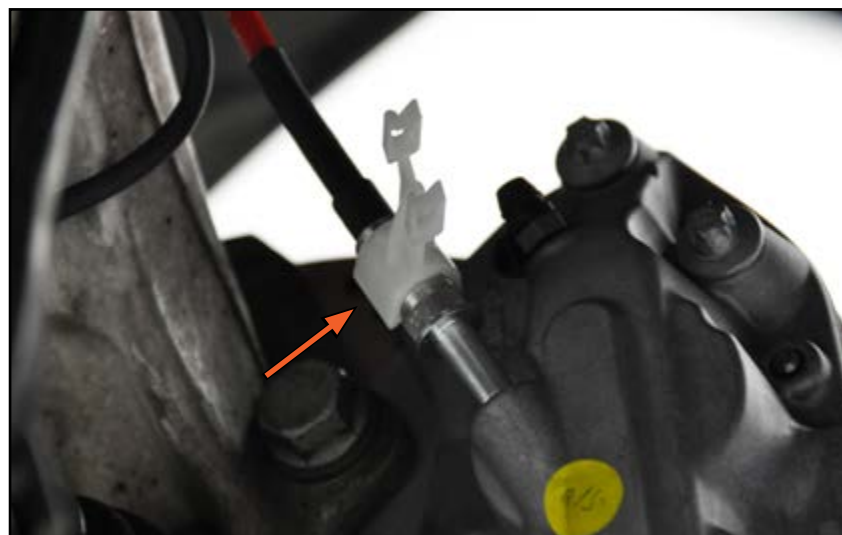
Reinstall the brake shield and caliper and make sure there is no longer interference between the two.



SECURING THE BRAKE PAD WEAR SENSOR

Step 1:

Attach the sensor wire clip to the end of the ECS Tuning Exact Fit brake line as shown.

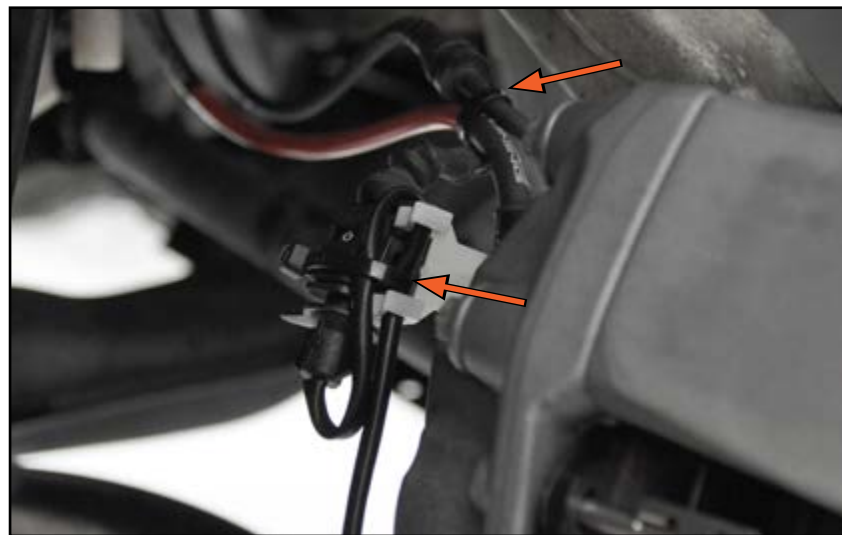


Step 2:

Secure the pad warning harness so it does not rub any other components. We used the following method here:












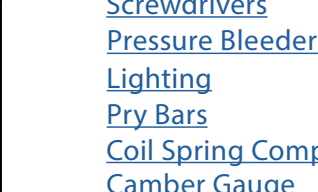




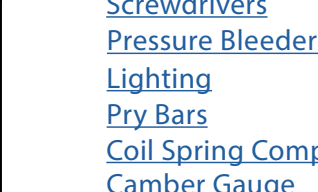
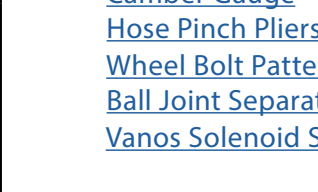



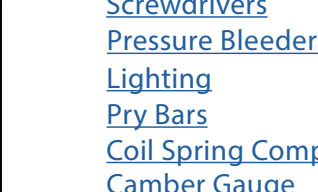
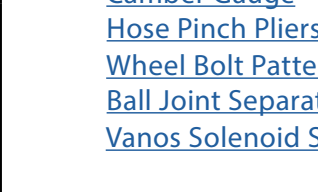



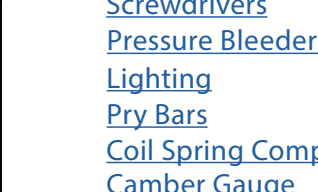
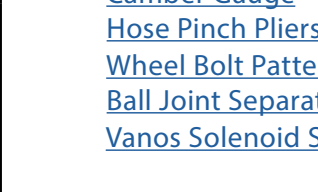




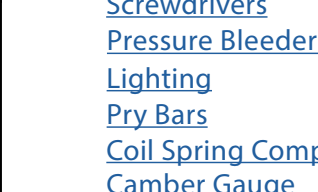
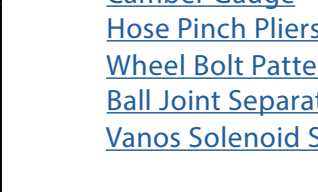

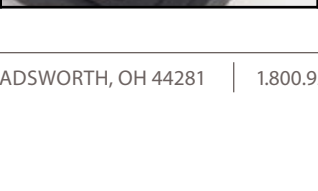





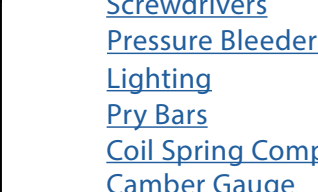





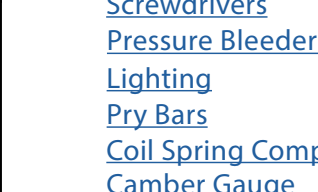





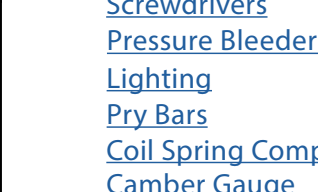





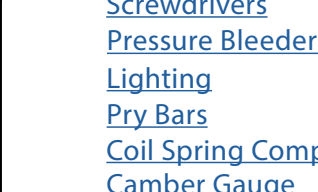





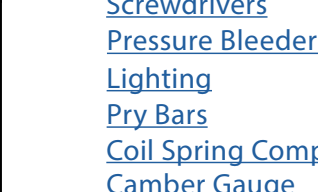





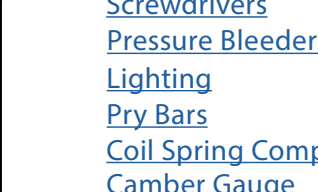





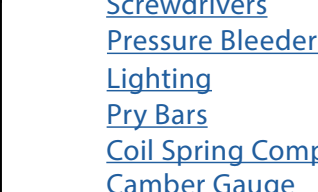





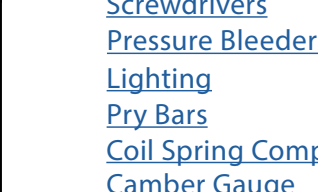





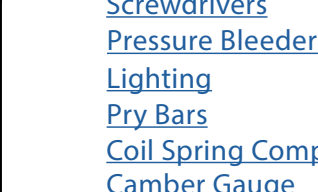





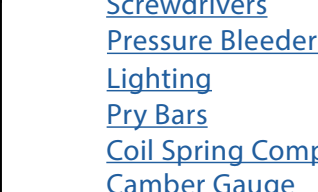





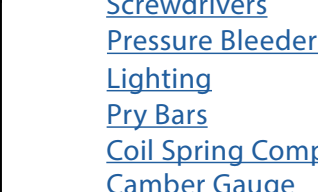





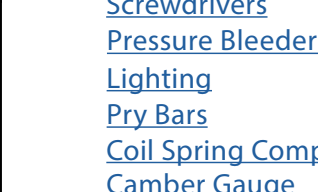





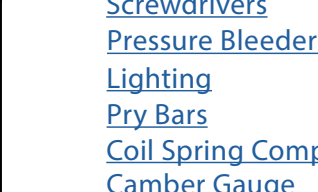





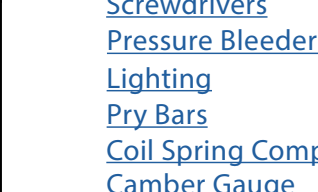





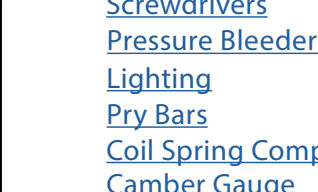





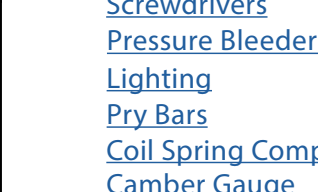





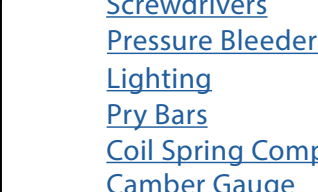





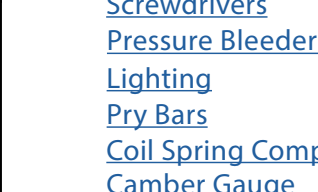





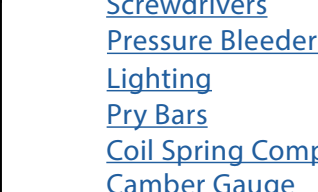





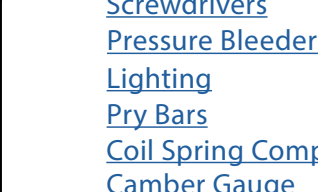





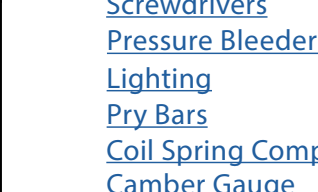





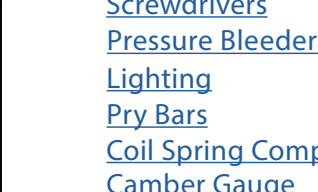





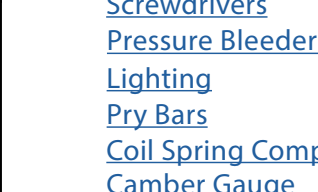





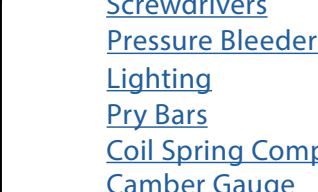





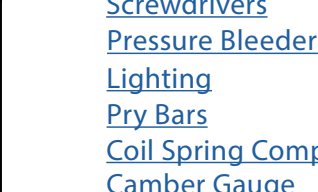





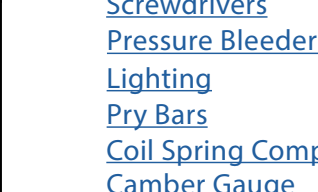





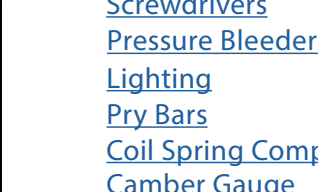





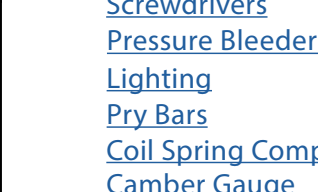





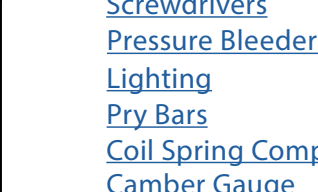





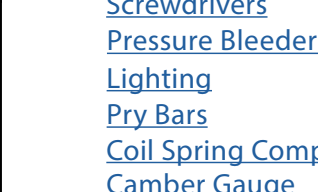





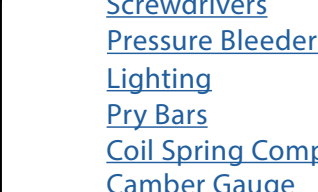





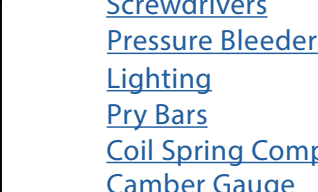





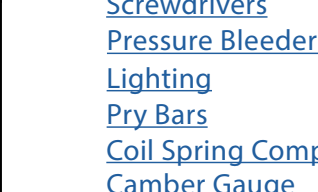





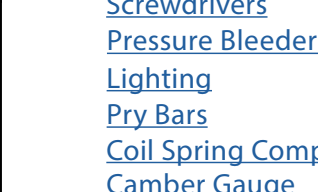





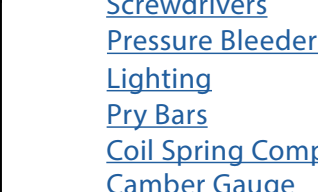





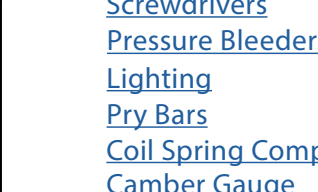





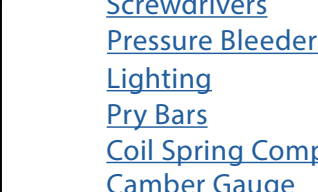





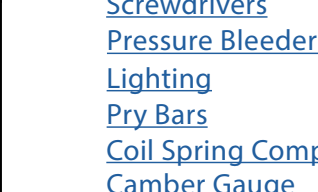





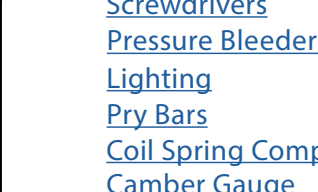





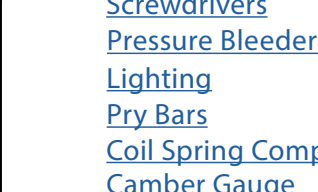





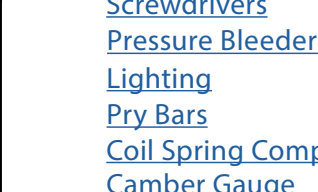





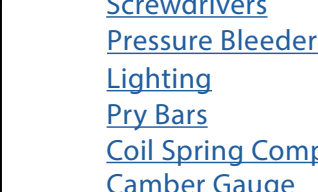





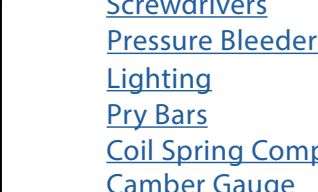





Secure the pad sensor harness into the wire clip, then fold the wire back to take up additional slack, and wire tie it in place.

Wire tie the sensor harness to the brake line as required to prevent it from rubbing.



SCHWABEN - BUILD THE ULTIMATE TOOL COLLECTION

At ECS Tuning, we carry a line of high quality Schwaben Tools and Equipment to help you build your ultimate tool collection. Never before has affordability and quality been so closely related. Our entire Schwaben line is subjected to strict in house testing for strength and durability. See what we have to offer and equip your garage without breaking the bank.

Audi Brembo Q5 4 Piston Caliper Installation



These instructions are provided as a courtesy by ECS Tuning

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