



COBB Tuning Shifter Bushings

1997+ Subaru Impreza

2000-2009 Subaru Legacy

2000-2008 Subaru Forester



Congratulations on your purchase of the COBB Tuning Shifter Bushings for your Subaru. The following instructions will assist you through your installation process. Please read them first BEFORE beginning the install and familiarize yourself with the steps and tools needed. If you feel that you cannot properly perform this installation, we HIGHLY recommend you take the vehicle to a qualified and experienced automotive technician.

Part List

5-Speed Front Shifter Bushings

- (2) Urethane Bushings

6-Speed Front Shifter Bushings

- (2) Urethane Bushings
- (1) Metal Sleeve

Rear Shifter Stay Bushing

- (1) Shifter Stay Bushing
- (2) M8x35 Bolts

Tools Needed

- Ratchet
- O2 Sensor Socket, 22mm Open End Wrench or 7/8" Open End Wrench
- 14mm Open End Wrench
- 12mm Socket
- 13mm Socket
- 14mm Socket
- Adjustable Pliers
- Screwdriver
- Jack or Lift
- Jack Stands
- Thread Lock (Optional)

COBBTUNING.COM

2311 W Rundberg Ln. Suite 500 Austin, TX 78758 phone: 866.922.3059 fax: 512.997.6400

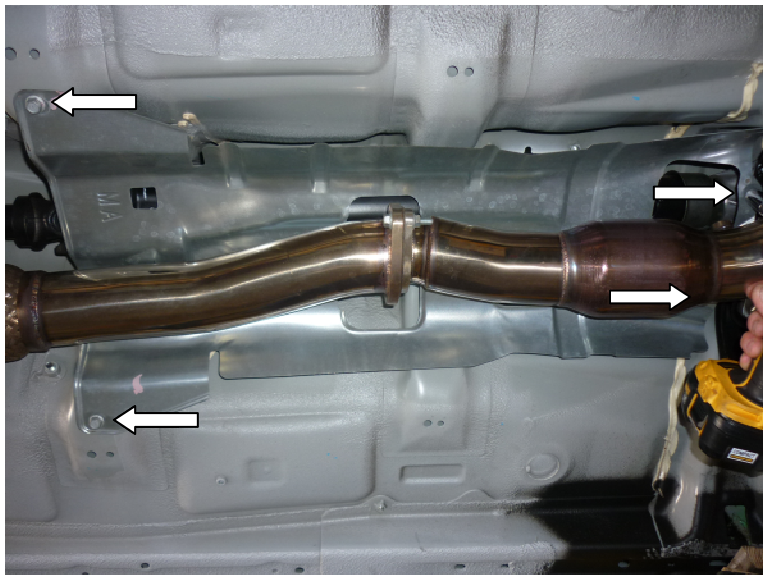


Removal of Stock Bushings

1. Use a jack or lift to raise the car and support it with jack stands. Make sure the parking brake is engaged and the wheels are chocked to prevent the car from rolling prior to jacking the car.
2. (6-spd Transmission ONLY) Remove the O2 sensor from the downpipe.



3. (6-spd Transmission ONLY) Remove the (4) bolts that hold the exhaust heat shield with a 12mm socket. Remove the heat shield by sliding it over the exhaust.





4. Locate the bottom of the shifter and trace the shifter link to where it mounts to the transmission on the driver's side.

5-spd Transmission



Driver's side looking forward.



Driver's side looking towards the rear.

6-spd Transmission





5. Use a 12mm open end wrench to remove the bolt (6-spd) or nut (5-spd) that holds the stock bushing in place. Make sure to keep all the components for re-use.

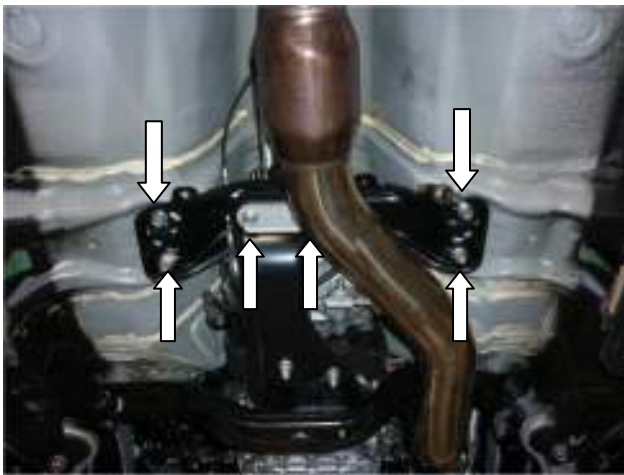
5-spd



6-spd



6. (6-spd Transmission ONLY) In order to pull the bolt out completely and get access to the bushings, you will need to disconnect the rear cross-member from the chassis. Remove the (4) bolts holding the cross-member to the chassis with a 14mm socket. Remove the (2) bolts that hold the rear part of the cross-member to the main part of it with a 14mm socket. Move the rear section out of the way for better access to the bushings and bolt. Pull down on the rear of the transmission and shifter link until you can remove the bolt.



7. Pull the link off the bolt (5spd) or down away from the transmission (6spd) and use the bolt, screwdriver or adjustable pliers to press the stock rubber bushing out.



At this point, if you are not replacing the rear shifter stay bushing, you can proceed to the installation section of these instructions. If you are replacing the rear shifter stay, please continue with the following removal instructions.

8. Use a 14mm socket or open end wrench to remove the (2) bolts holding the rear shifter stay bushing in place.



9. Remove the bushing from the linkage.

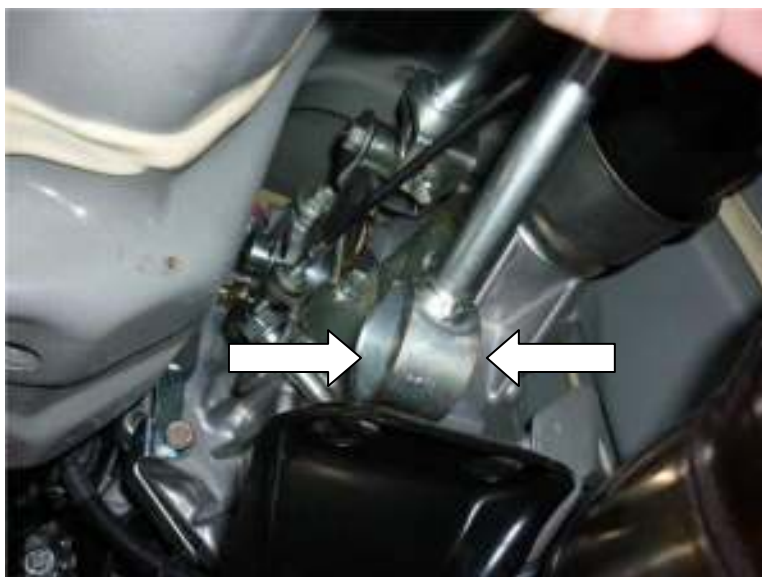


Installation of COBB Tuning Shifter Bushings

1. (COBB Tuning Rear Shifter Stay Bushing Install ONLY) Push the rear shifter stay bushing on the linkage and mount it to the chassis using the provided (2) bolts and a 13mm socket or open end wrench. MAKE SURE that the orientation of the bushing is correct otherwise the linkage could risk falling out of the bushing. Torque to 13 ft-lbs.



2. Install your COBB Tuning Front Bushings on either side of the link.





3. (6-spd Transmission ONLY) Install the provided metal sleeve into the middle of the bushings.
4. (5-spd Transmission ONLY) Place the link back on the bolt and re-install the washer and nut with a 12mm open end wrench. The tab on the washer should be on the top and hanging away from the transmission. You can use thread lock to ensure that the nut stays in place.



5. (6-spd Transmission ONLY) Re-use the stock bolt and slide it into the center of the bushing. Make sure the cable mount is between the bolt head and the bushing. Slide the bushing up into the mount on the transmission between the cable mount and bushing.

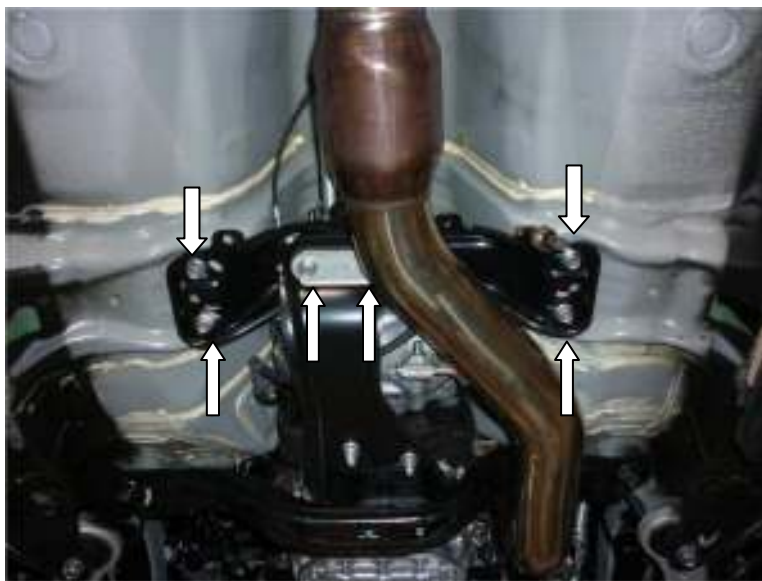




6. Torque down the bolt or nut with a 12mm open end wrench or socket to 10-15 ft-lbs.

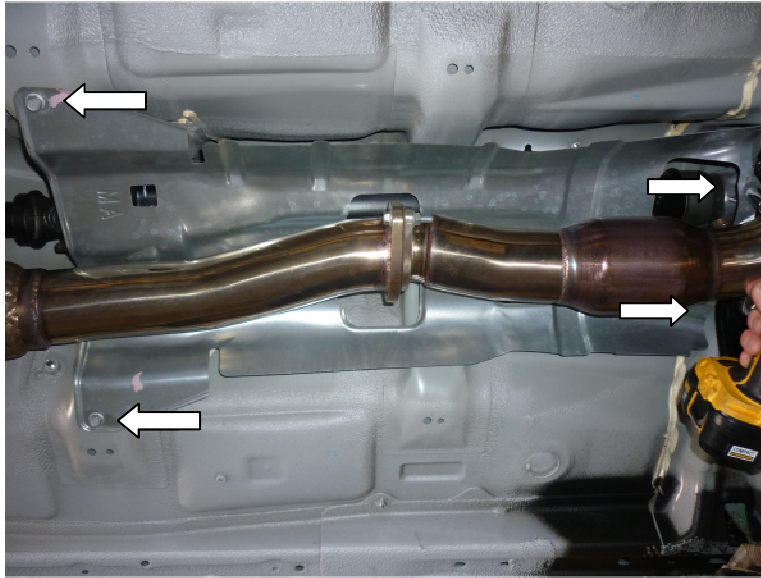


7. (6-spd Transmission ONLY) Reattach the rear piece of the cross-member to the main cross-member body, (2) bolts and reattach it to the chassis, (4) bolts, with a 14mm socket. Torque the (6) bolts to 51 ft-lbs.





8. (6-spd Transmission ONLY) Reinstall the exhaust heat shield using the (4) stock bolts and a 12mm socket.



9. (6-spd Transmission ONLY) Reinstall the O2 sensor.



10. Lower the vehicle to the ground.
11. Congratulations, you have successfully installed your COBB Tuning Shifter Bushings. Now go out and enjoy the new solid feel of your shifter assembly.