

# HOTCHKIS SPORT SUSPENSION

## C-5 Corvette Sway Bar Installation P/N 2234 w/ Adjustable Rear Bar

Please look at the installation of the factory sway bar package before you install your new Hotchkis 2285 Sport Sway Bar Set.

Tools Needed for Installation:

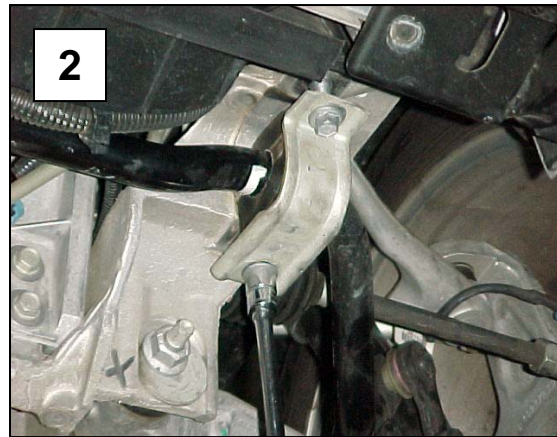
T-40 Torx Driver, 5mm (or 3/16") allen wrench, 13-19mm sockets, ratchet wrench, 16-19mm combination wrench, Lock-Tite and Anti-Seize compound.

This kit is intended for Corvettes with OEM metal end links. If your car is equipped with composite end links, please replace them with the C5/C6 OEM metal end links.

### Front Bar Installation:

Make sure you use proper safety devices such as jacks stands and/or jacks to avoid possible injury.

1. Using a 18mm combo wrench and a T-40 torx driver & ratchet, remove the lower end link nut. Use a spray lubricant to help in removal
2. Remove the four bolts holding the front sway bar to the frame. Use a 15mm socket ratchet and extension.



3. Once you disconnect everything pop the lower end link stud out of the holes, slide the bar side-ways and twist it out of the vehicle.



**► Do not grease these Bushings. They are designed to be used with out lubrication, they are dry lube impregnated. ◀**

4. Place the bushing on the new Hotchkis Bar. Please look at the factory bar and install in the same manner.
5. Get the four bolts that hold the bar to the frame and apply anti-seize compound to the threads.



6. Using the original frame brackets, place the new bar in the vehicle. **\*MAKE SURE YOU START THE BOLTS BY HAND\***. It's really easy to strip the threads in the aluminum frame. Thread the bolts 3 to 4 threads, this allows you to rotate the bar in the bushing easily.
7. Reinstall the OEM metal end links in the manner as removal. Fully tighten end link hardware with blue thread locker (loctite).



# **WATKINS AUTOMOTIVE SPORT SUSPENSION**

7. Tighten the frame mounts using a 15mm socket, wrench and extension. Torque to 35-40 ft-lbs.

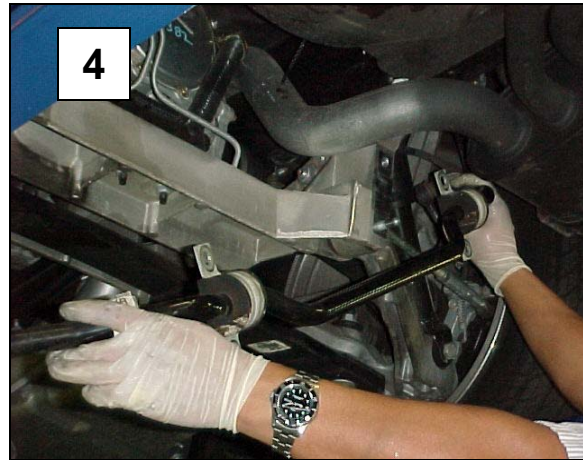


## Rear Bar Installation

1. Using a 18mm combination wrench and a T-40 torx driver & ratchet, remove the lower end link nut. Use a spray lubricant to help the removal.
2. Remove the two upper 18mm bolts that hold the sway bar to the frame.



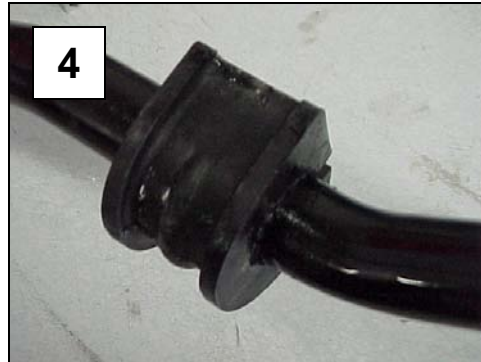
3. Using a 15mm ratchet and a 18mm wrench, take off the lower nut that remains on the lower sway bar frame mount. DO NOT remove the bolt; it holds the lower A-Arm in the car.
4. Push out the lower end link studs and remove the bar from vehicle.



**HATCHBACK**  
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**SPORT SUSPENSION**

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5. Place the new bushings on the new Hotchkis Bar. Please look at the factory bar and install in the same manner.



6. Apply anti-seize compound to the two frame mount bolts.
7. Install the bar in the vehicle using the original brackets, start the frame mount bolts and nuts, remember, 3-4 threads.
8. Reinstall the OEM metal end links in the manner as removal. Fully tighten end link hardware with blue thread locker (loctite).
9. Tighten the upper frame mount with a 18mm socket and torque 35-40 ft-lbs.
10. Tighten the lower a-arm bolts with a 18mm wrench and 15mm socket and torque 60-65 ft-lbs.



11. Double check that you tightened everything.

12. Re-check the fasteners at about 100 miles to ensure optimal performance of your new sway bar set.

### ADJUSTING YOUR REAR STABILIZER BAR

You have received one of the new Hotchkis adjustable rear sway bar packages for your C-5 Corvette. The hole out on the end of the bar is the lightest setting of the bar, and the one furthest from the end is the stiffest. Hotchkis suggests starting by using the center hole. Once you get used to the new setup, you can tune the balance of the car to your liking.

