

HOTCHKIS SPORT SUSPENSION

1501 DOUBLE ADJUSTABLE PANHARD BAR 82-02 CHEVROLET/PONTIAC F-BODY

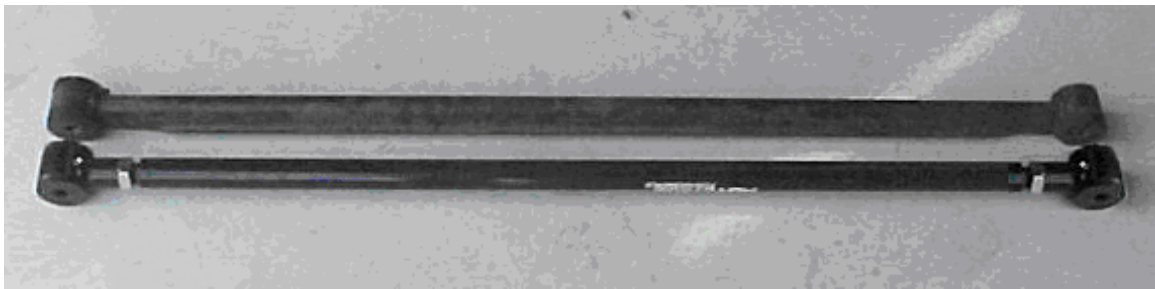


INSTALLATION OF HOTCHKIS PERFORMANCE ADJUSTABLE PANHARD BAR

- 1) Jack up the rear of the vehicle and use jack stands to support the sub-frame.
- 2) Place the jack under the differential to raise or lower the axle as necessary. You will need to do this so that the axle sits at ride height in the vehicle. **USE CAUTION!** Do not take the vehicle weight off the jack stands.
- 3) Remove the bolts at each end of the stock panhard bar and remove the bar. Retain and clean the stock hardware for later use!



- 4) Place the stock panhard bar on a flat, level surface, next to the Hotchkis panhard bar. Match the length between the bushing centers on the stock bar to the Hotchkis bar. If the lengths are uneven, then loosen the jam nut on the Hotchkis bar and rotate the head of the bar to adjust. Make sure you keep the exposed threads the same on both sides of the panhard bar.

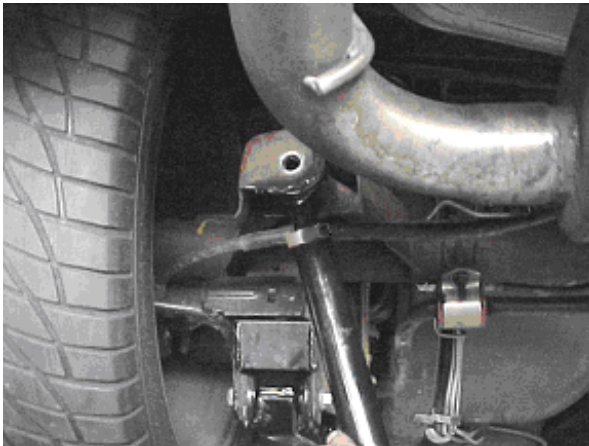


With all adjustments to the bar complete loosely tighten the jam nuts by hand to keep the heads from spinning when installing the bar.

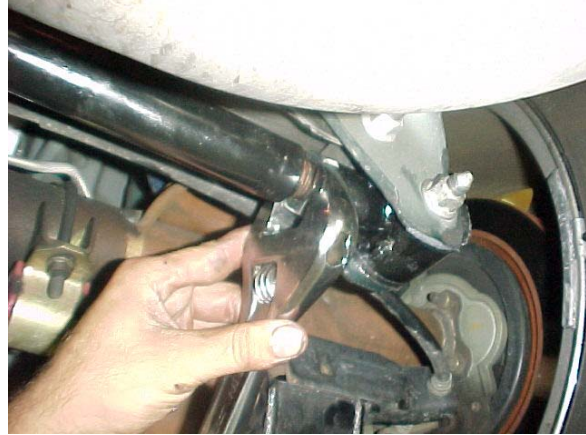
- 5) Use the grease provided in the kit to apply a thick coat of grease to the sides of the panhard rod bushings to prevent squeaking after installing.



- 6) Install the Hotchkis panhard rod back into the mounting points the stock bar used. Make certain that the grease fittings on the bar point towards the ground (if the head isn't facing the opposite direction of the non-adjustable end), as this will make it easier to grease the bar after installation. Install the fixed end of the bar first. Re-use the stock hardware to attach the bar, and loosely tighten it by hand.



- 7) Once the bar is in the correct position, secure the brake line to the panhard rod with a zip-tie or similar device. Apply one drop of *Loctite* to the threads that hold the panhard rod to the car and axle (the threads should be clean), and tighten all of the attaching hardware. Torque the attaching hardware to 50ft./lbs.



Once you have centered your axle using a tape measure, use a wrench to tighten the jam nuts against the panhard rod to keep it from rotating. Cover the zerk fittings using the caps provided. Remove the jack stands and lower the vehicle to finish the install.

IMPORTANT: Torque the jam nut before use. Re-torque the jam nut after the first use! Check all hardware after driving five miles.

To avoid bushing squeak, use the zerk fittings and grease gun to lube the bushings. The bushings will typically need to be lubed only once a year, but you can also consider lubing them with every oil change for good measure. ***Use only NON-LITHIUM based grease*** for lubrication as lithium base grease can wash out with water.

