

HOTCHKIS SPORT SUSPENSION

22410 STREET SWAY BAR SET

2001-UP LEXUS IS300



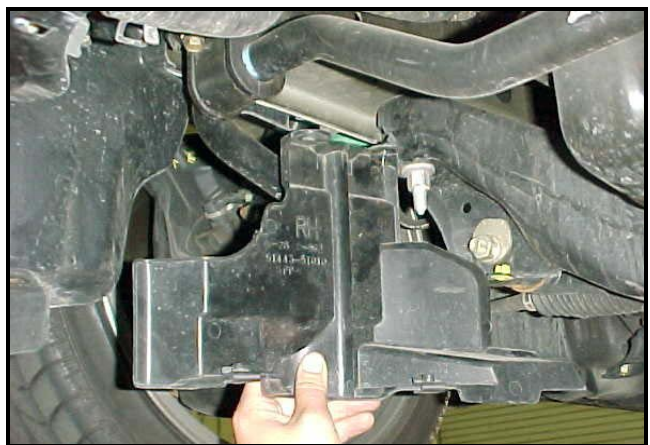
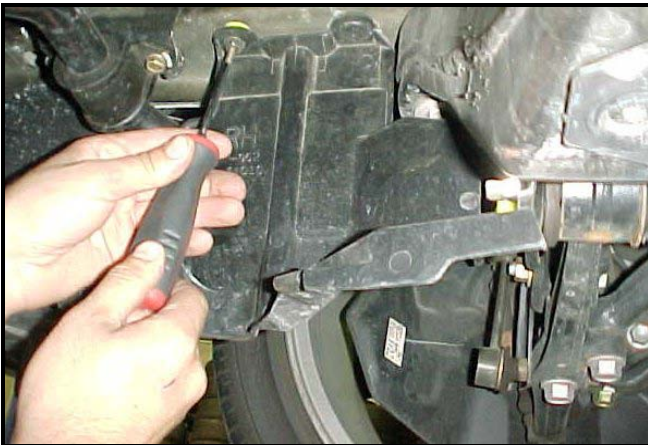
- This installation will require:
 - Hydraulic jack, jack stands, torque wrench
 - The following wrenches or sockets: 10mm, 12mm, 14mm
 - Allen wrenches or hex sockets: 5mm
 - Phillips head screwdriver

INSTALLATION OF HOTCHKIS TUNING FRONT SWAY BAR

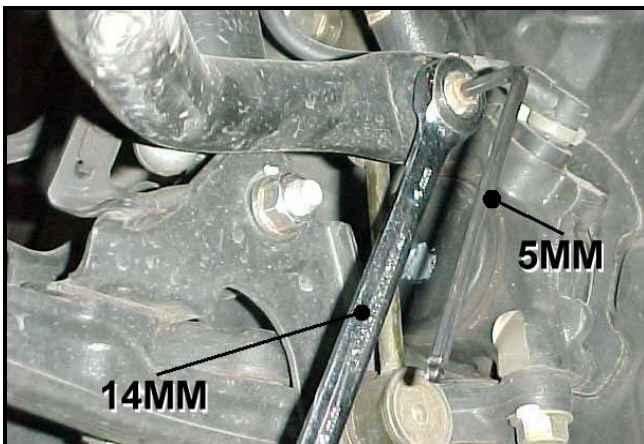
- 1) Securely block the rear wheels of the vehicle. Use a jack to raise the front end of the vehicle and support it on jack stands. Observe the stock front sway bar installation for reference.
- 2) Remove the plastic splashguard from under the front of the vehicle. It is held in place by several small screws. Use a 10mm socket or wrench to remove the screws. Retain the hardware and splashguard for re-installation.



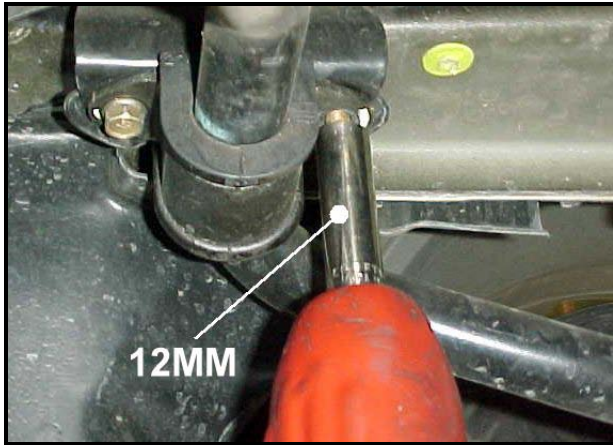
- 3) The stock front sway bar should now be exposed. Use a Phillips screwdriver to remove the side splashguards. Remove the retainer screws on each side and retain all hardware and splashguard pieces.



- 4) Unbolt the stock end link from the sway bar on each side. Use a 14mm wrench and a 5mm Allen wrench to remove the nut from the end link and pull the end link out of the sway bar. Retain the hardware for re-installation.



- 5) Use a 12mm socket or wrench to loosen and remove the bolts holding the sway bar bushings and bushing retainer brackets in place. The front sway bar should now just drop out. Remove the stock front sway bar. Keep the stock hardware for later re-installation. The stock brackets, bushings, and sway bar will not be re-used.



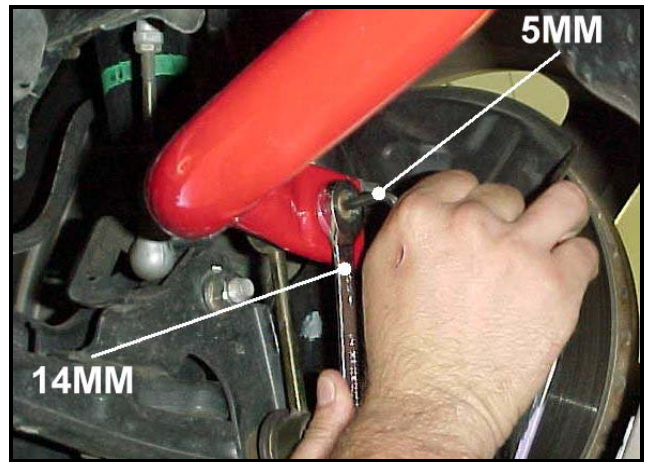
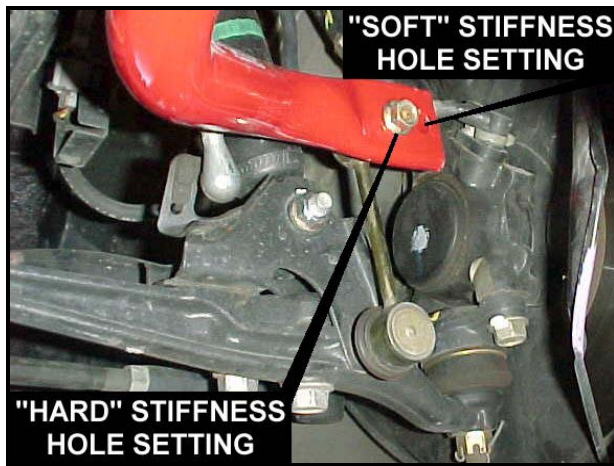
- 6) Use the grease pack provided to apply a thick coat of grease to the inside of the sway bar bushing. Slide the bushing over the sway bar with the split in the bushing towards the rear of the vehicle when installed. Place the new brackets over the bushing. Cover the zerk fittings with the caps attached to the brackets.



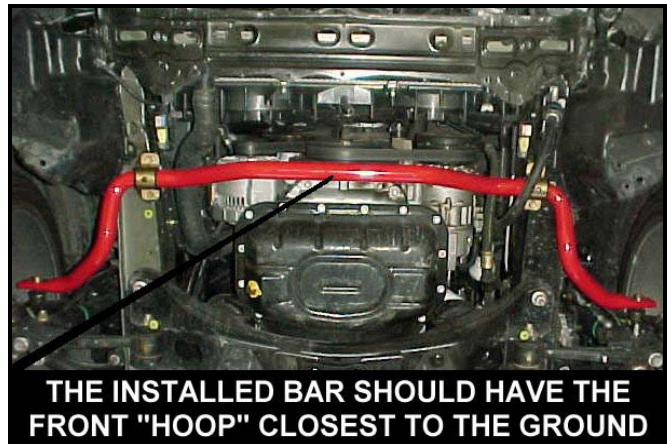
- 7) Lift the Hotchkis sway bar into position the same way the stock sway bar came out. Use the new mounting brackets and stock hardware to secure the new sway bar in place. The end of the bar on the driver's side should slide through the hose as shown.



- 8) Install the stock end links into the ends of the Hotchkis bar. Note the position of the hole. The hole closest to the end of the bar effectively lengthens the bar for the "softest" stiffness setting. The hole closer to the center of the bar effectively shortens the bar and is the stiffest setting. Tighten the stock nut on the end link with a 5mm Allen wrench and 14mm wrench. Torque the hardware to 25ft/lbs.



- 9) With the end links tight you can secure the bolts holding the sway bar in place. Use a 12mm socket or wrench to tighten the bolts. Torque the hardware to 30ft/lbs. A properly installed bar will have the middle "hoop" of the bar closest to the ground when looking at it from the front.



- 10) Re-check all attaching hardware for tightness. Re-install the splashguards on the sides and main splash-pan underneath using the stock hardware. Use a jack to remove the jack stands.



MOVE ON TO THE REAR BAR INSTALLATION

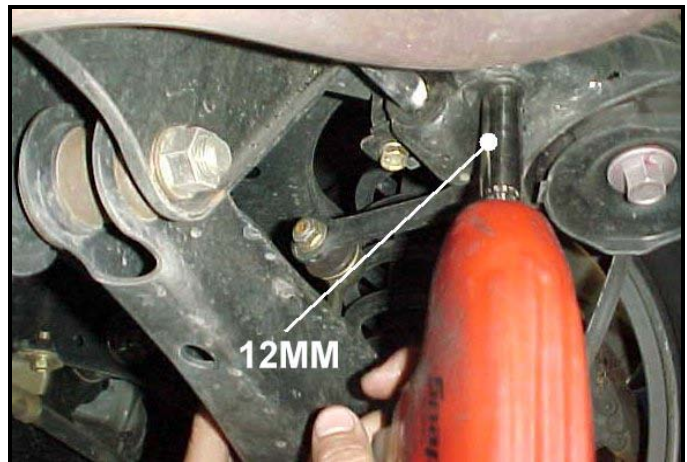
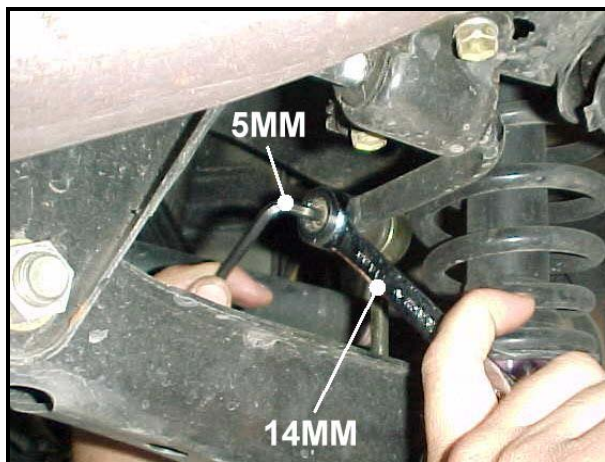
- This installation will require:
 - Hydraulic jack, jack stands, torque wrench
 - The following wrenches or sockets: 12mm, 14mm
 - Allen wrenches or hex sockets: 5mm

INSTALLATION OF HOTCHKIS TUNING REAR SWAY BAR

- 1) Securely block the front wheels of the vehicle. Use a jack to raise the rear end of the vehicle and support it on jack stands.
- 2) Observe the stock sway bar installation for reference.



- 3) Use a 14mm wrench and 5mm Allen wrench to loosen and remove the end links from the sway bar. Use a 12mm socket or wrench to loosen and remove the bolts holding the sway bar bushing brackets. Retain all stock hardware. You may discard the stock sway bar, bushing, and bushing retainer brackets.



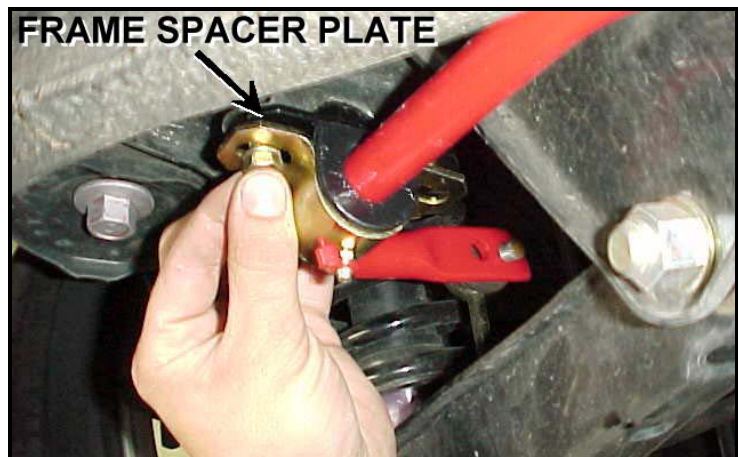
- 4) The stock sway bar should now be loose and can drop out starting at the driver's side and slide out over the exhaust. The Hotchkis bar will install in the same manner as the stock one.



- 5) Use the grease pack provided to apply a thick coat of grease to the inside of the sway bar bushings. Slide the bushings over the bar and place the bushing retainer brackets over the bushings. *You might find it easier to install the bushings and brackets after the Hotchkis bar is in place on the vehicle due to exhaust clearance of the bar itself.*



- 6) Lift the Hotchkis bar into the vehicle over the exhaust in the opposite way in which you removed the stock bar. Slide the frame spacer plate into place for the bushings to rest against as shown. Use the new Hotchkis hardware to mount the bushing brackets and spacer plate to the sub-frame.



- 7) Use a 12mm socket or wrench to tighten the sway bar mounting brackets. Torque the hardware to 30ft/lbs. Use a 14mm wrench and 5mm Allen wrench to tighten the end link sway bar. Torque the end link hardware to 25ft/lbs.



As was shown on the front bar, the stiffness of the rear bar is determined by the hole used with the end link. The hole nearest the ends is the “soft” setting and the hole towards the middle is the “hard” setting.



- 8) Re-check the hardware for tightness. Cover the zerk fittings with the caps attached to the brackets. Use the jack to remove the jack stands and you're finished installing your Hotchkis Tuning sway bar set.

IMPORTANT: For regular maintenance the sway bar bushings should be greased at least once a year (15,000 miles) or whenever excessive noise occurs. Use non-lithium based grease only! Lithium grease can wash out with water.



SEE NEXT PAGE FOR PARTS LIST

Lexus IS300 Street Sway Bar kit, Parts List P/N 22410

	Hotchkis P/N	Item Description	Quantity Per Kit
1	22820208	Lexus IS300 Front Sway Bar	1
2	23090210	Small Sway Bar Bracket w/ Short Zerk Fitting	2
3	5706.01	3/4" Small Greaseable Sway Bar Bushing	2
4	15.12.39.39	Sway Bar Bracket, Non-universal Fit	2
5	23410132	Frame Spacer Plate	2
6	9.11108	Grease Pack	1
7	5340G	1" Greaseable Sway Bar Bushing	2
8	22920208	Lexus IS300 Rear Sway Bar	1

Items Not Pictured

9	M8-25HEXFLG	8mm Flange Head Bolts, 25mm long	4
9	n/a	Instruction Set	1

