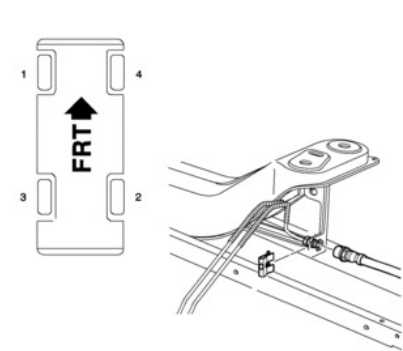


2000 Saturn SL1/SC1/SW1

Submodel: | Engine Type: | Liters:
Fuel Delivery: | Fuel:

Stabilizer Shaft Replacement

Removal Procedure



[Click to Enlarge](#)

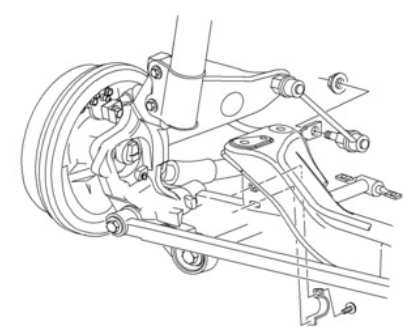
Warning! Ensure that the vehicle is properly supported and squarely positioned. To help avoid personal injury when a vehicle is on a hoist, provide additional support for the vehicle on the opposite end from which the components are being removed.

- 1. Raise the vehicle on a hoist.
- 2. Remove both rear road wheels.

Important

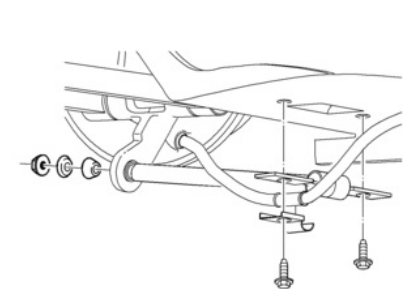
Plug the brake pipe to avoid excessive brake fluid loss or contamination.

- 3. Place an approved container under the left rear brake pipe, at the brake pipe/brake hose junction and disconnect the left brake pipe from the brake hose.



[Click to Enlarge](#)

- 4. Remove the right and left rear stabilizer shaft link-to-bracket fasteners.
- 5. Remove the rear stabilizer shaft to crossmember fasteners.



[Click to Enlarge](#)

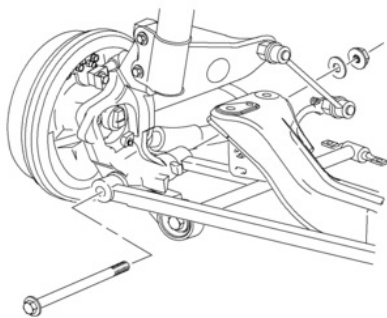
- 6. Loosen the lateral link to left knuckle fastener.

Important

Do not remove fastener at this time.

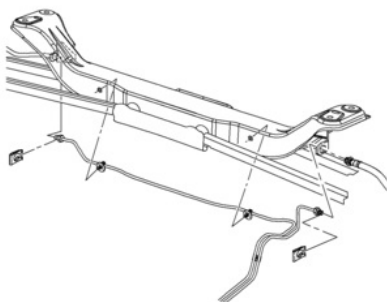
- 7. Remove the trailing arm-to-left knuckle nut.
- 8. Remove the 2 left trailing arm-to-body fasteners.

9. Slide the left trailing arm out of the knuckle.



[Click to Enlarge](#)

10. Remove the left lateral link-to-knuckle fastener. Swing the left lateral links downward, away from the knuckle.



[Click to Enlarge](#)

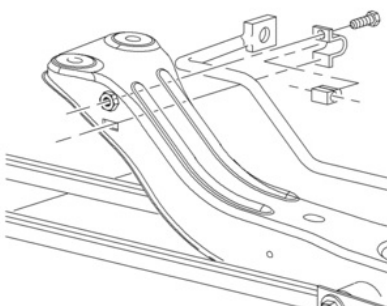
Caution!

Attempting to remove rear stabilizer shaft without loosening brake pipes from crossmember could result in a bent brake pipe. Note location and position of brake pipes prior to loosening and be sure to install pipes to same position.

11. Unfasten the crossbody brake pipe from the crossmember by unsnapping the brake pipe fasteners from the crossmember.
12. Remove the rear stabilizer shaft.

Installation Procedure

Warning! Refer to Fastener Notice in Cautions and Notices.

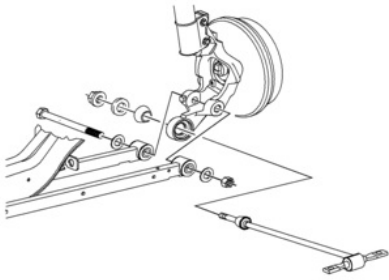


[Click to Enlarge](#)

1. Install the rear stabilizer shaft into the crossmember and secure the rear stabilizer shaft with fasteners.

Tighten

Tighten the rear stabilizer shaft-to-crossmember to 55 N·m (41 lb ft).



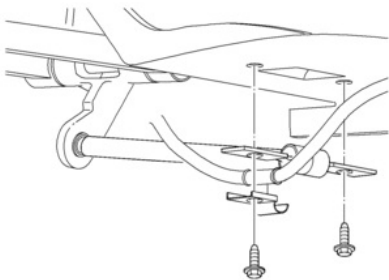
[Click to Enlarge](#)

2. Install the lateral link onto the knuckle with fasteners.

Important

Do not torque fasteners at this time.

3. Place the trailing arm, with bushings, into the knuckle and install the fastener nut, but do not torque the fastener at this time.



[Click to Enlarge](#)

4. Install the trailing arm into the body and secure with the fasteners.

Tighten

Tighten the trailing arm-to-body fasteners to 120 N·m (89 lb ft).

5. Torque the trailing arm-to-knuckle fastener nut.

Tighten

Tighten the trailing arm-to-knuckle fasteners to 100 N·m (74 lb ft).

6. Torque the lateral link-to-knuckle fasteners.

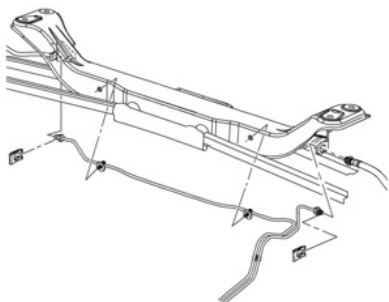
Tighten

Tighten the lateral link-to-knuckle fastener to 165 N·m (122 lb ft).

7. Connect the left brake pipe-to-brake hose. Tighten to specification.

Tighten

Tighten the left brake pipe-to-brake hose to 19 N·m (14 lb ft).



[Click to Enlarge](#)

8. Fasten the crossbody brake pipe to the crossmember by snapping the brake pipe fasteners onto the crossmember.
9. Install the rear stabilizer shaft links to the brackets with fasteners.

Tighten

Tighten the rear stabilizer shaft link-to-bracket to 40 N·m (30 lb ft).

10. Bleed the brakes. Refer to the appropriate Brake Bleed procedure in Brakes.

Caution!

Before installing wheels, remove rust or corrosion from wheel mounting surfaces and brake rotors/drums. Failure to do so can cause wheel nuts to loosen in service.

11. Position the wheel onto the hub.
12. Install the wheel nuts and tighten the wheel nuts in a crisscross pattern. Repeat the tightening pattern to ensure the torque is correct.

Tighten

Tighten the wheel nuts to 140 N-m (103 lb ft).