3. Front Transverse Link

A: REMOVAL

1) Set the vehicle on a lift.
2) Lift-up the vehicle and remove the wheel.
3) Remove the sub frame.
4) Disconnect the stabilizer link from transverse link.
5) Remove the bolt securing ball joint of transverse link to housing.

SEDAN MODEL:

6) Remove the nut (do not remove bolt) securing transverse link to crossmember.
7) Remove the two bolts securing bushing bracket of transverse link to the vehicle body at rear bushing location.

8) Extract the ball joint from housing.

B: INSTALLATION

1) Temporarily tighten the two bolts used to secure rear bushing of transverse link to body.

NOTE:
These bolts should be tightened to such an extent that they can still move back and forth in the oblong shaped hole in the bracket (which holds the bushing).

2) Install the bolts used to connect transverse link to crossmember and temporarily tighten with a new self-locking nut.

CAUTION:
Discard the loosened self-locking nut and replace with a new one.

3) Insert the ball joint into housing.
4) Connect the stabilizer link to transverse link, and then temporarily tighten a new self-locking nut.

SEDAN MODEL:
5) Tighten the following points in the order shown below when tires are in full contact with the ground and vehicle is curb weight.
   (1) Transverse link and stabilizer

_Tightening torque:_

STi model:  
45 N·m (4.6 kgf-m, 33 ft-lb)

Except STi model:  
30 N·m (3.1 kgf-m, 22 ft-lb)

(2) Transverse link and crossmember

_Tightening torque:_  
125 N·m (12.7 kgf-m, 92 ft-lb)

(3) Transverse link rear bushing and body

_Tightening torque:_  
250 N·m (25.5 kgf-m, 184 ft-lb)

_Note:_
Move the rear bushing back and forth until transverse link-to-rear bushing clearance is established (as indicated in the figure) before tightening. (Except STi model)

6) Check the wheel alignment and adjust if necessary.

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C: DISASSEMBLY

1. FRONT BUSHING

Using the ST, press the front bushing out of place.

ST  927680000  INSTALLER & REMOVER SET

2. REAR BUSHING

1) Scribe an aligning mark on the transverse link and rear bushing.
2) Loosen the nut, and then remove the rear bushing.

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(1) Rear bushing
(2) 1 mm (0.04 in)
(3) 1.5 mm (0.059 in)
D: ASSEMBLY

1. FRONT BUSHING
Assemble in the reverse order of disassembly.

CAUTION:
Install the front bushing in correct direction, as shown in the figure.

![Diagram showing bushing orientation]

- (1) Face bushing toward center of ball joint
- (2) Ball joint
- (3) ±3°

2. REAR BUSHING
1) Install the rear bushing to transverse link, and then align the aligning marks scribed on the two.
2) Tighten the new self-locking nut.

NOTE:
While holding the rear bushing so as not to change position of aligning marks, tighten the self-locking nut.

Tightening torque:
190 N·m (19.4 kgf-m, 140 ft-lb)

E: INSPECTION
1) Check the transverse link for wear, damage and cracks, and correct or replace if defective.
2) Check the bushings for cracks, fatigue or damage.
3) Check the rear bushing for oil leaks.