

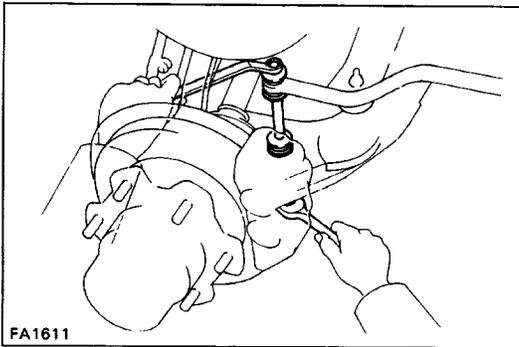
FA0822

Lower Suspension Arm and Shock Absorber

(See page SA-111)

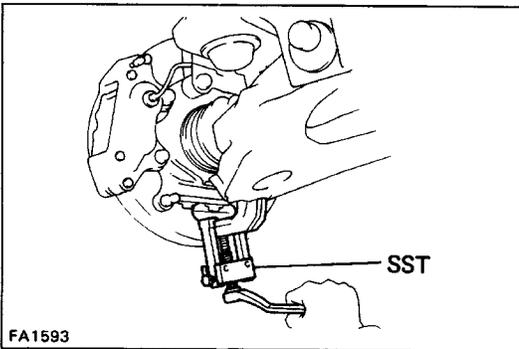
REMOVAL OF LOWER SUSPENSION ARM AND SHOCK ABSORBER

1. REMOVE SHOCK ABSORBER



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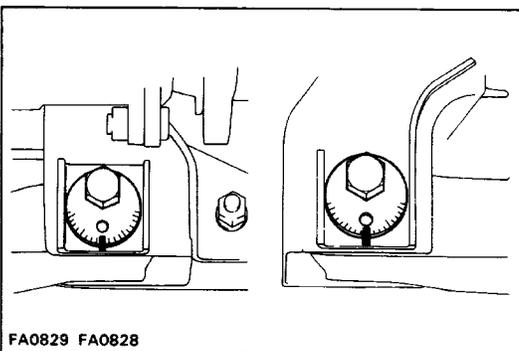
2. DISCONNECT STABILIZER BAR FROM LOWER SUSPENSION ARM



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3. DISCONNECT LOWER SUSPENSION ARM FROM LOWER BALL JOINT

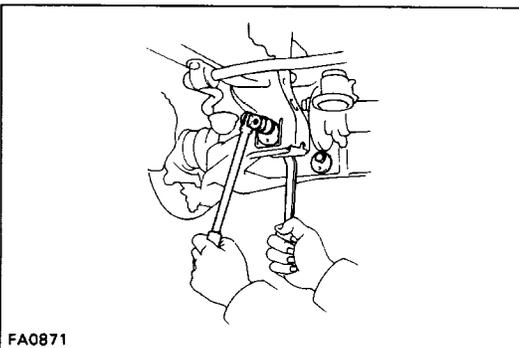
- (a) Remove the cotter pin and loosen the nut.
- (b) Using SST, disconnect the lower suspension arm from the lower ball joint.
SST 09628-62011



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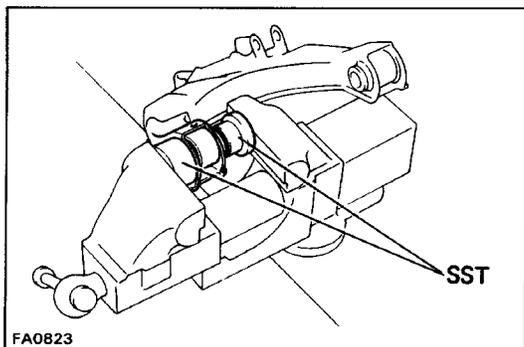
4. REMOVE LOWER SUSPENSION ARM

- (a) Place matchmarks on the front and rear adjusting cams.



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- (b) Remove the nuts and adjusting cams, and remove the lower suspension arm.

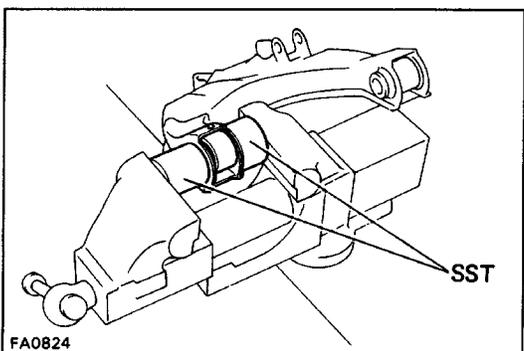


PLACEMENT OF LOWER SUSPENSION ARM BUSHING

1. REMOVE FRONT AND REAR BUSHINGS

Using SST, press out the bushings from the lower suspension arm.

SST 09726-27011 (09726-02050, 09726-02060)

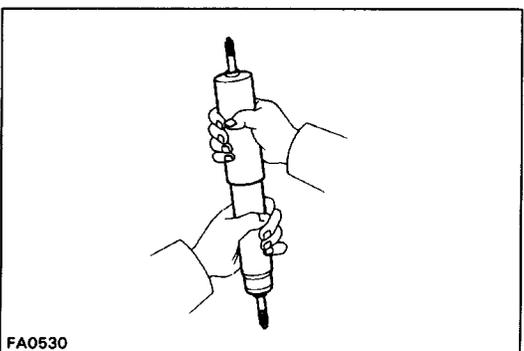


2. INSTALL FRONT AND REAR BUSHINGS

Using SST, press in new bushings to the lower suspension arm.

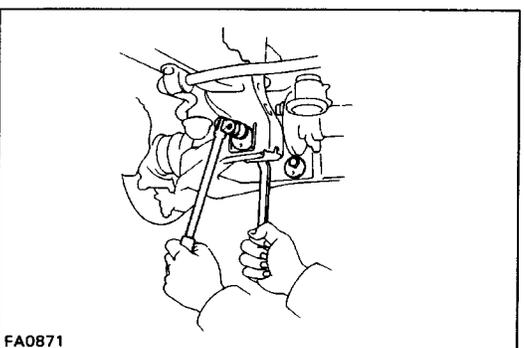
SST 09726-27011 (09726-02040, 09726-02060)

HINT: Do not apply grease or oil to the bushing.



INSPECTION OF SHOCK ABSORBER

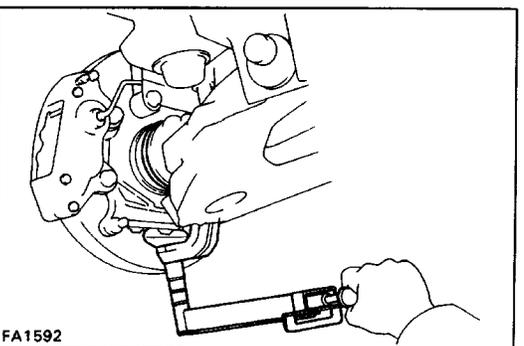
INSPECT OPERATION OF SHOCK ABSORBER



INSTALLATION OF LOWER SUSPENSION ARM AND SHOCK ABSORBER

1. INSTALL LOWER SUSPENSION ARM

- (a) Install the lower suspension arm to the frame with adjusting cams.
- (b) Temporarily install the two nuts to the front and rear adjusting cams.

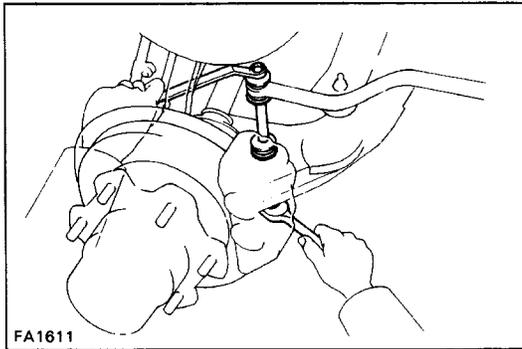


2. CONNECT LOWER SUSPENSION ARM TO LOWER BALL JOINT

- (a) Connect the lower suspension arm to the lower ball joint and torque the nut.

Torque: 142 N-m (1,450 kgf -cm, 105 ft-lbf)

- (b) Install a new cotter pin.

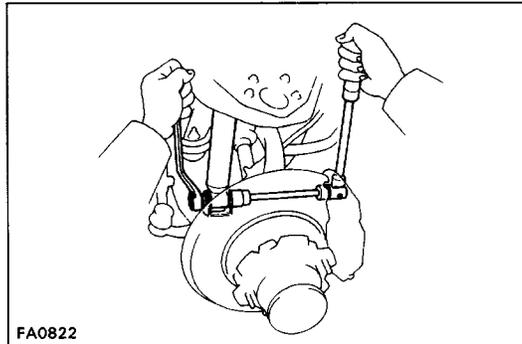


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3. CONNECT STABILIZER BAR TO LOWER SUSPENSION ARM

Jack up the stabilizer bar and install the cushions, retainers, collar and bolt, and install and torque the nut.

Torque: 25 N-m (250 kgf-cm, 19 ft-lbf)

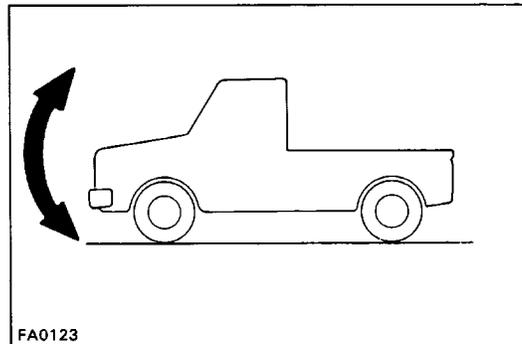


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4. INSTALL SHOCK ABSORBER TO LOWER SUSPENSION ARM

Install the shock absorber to lower suspension arm bracket.

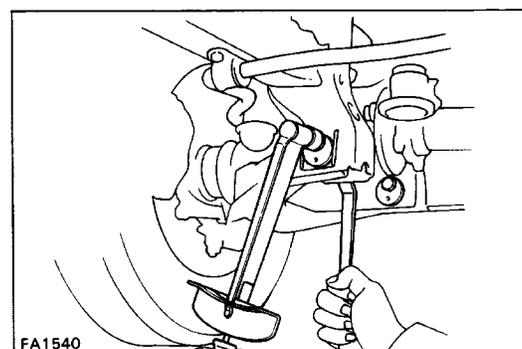
Torque: 137 N-m (1,400 kgf-cm, 101 ft-lbf)



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5. TORQUE ADJUSTING CAM NUTS

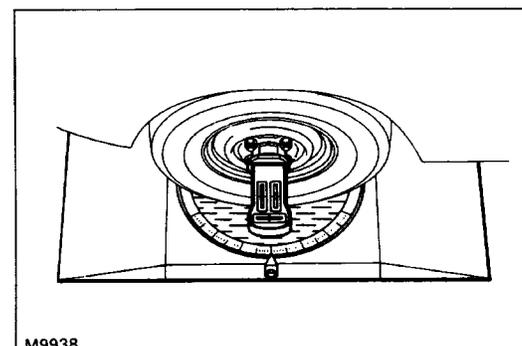
(a) Install the wheel, and remove the stands and bounce the vehicle up and down to stabilize the suspension.



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(b) Align the matchmarks and torque the nuts.

Torque: 196 N-m (2,000 kgf-cm, 145 ft-lbf)



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6. CHECK FRONT WHEEL ALIGNMENT (See page SA-6)