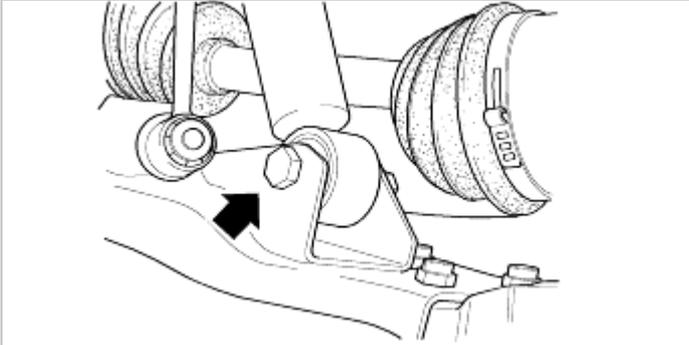
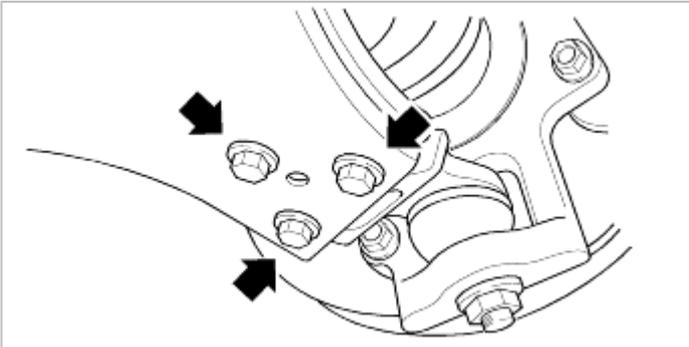


## REMOVAL

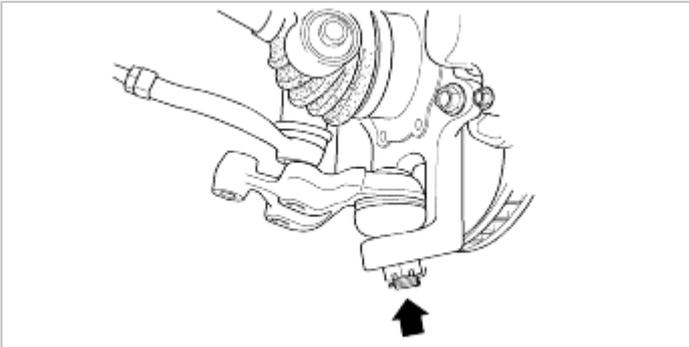
1. Raise the front of the vehicle and support it with safety stands.
2. Remove the front wheels.
3. Remove the lower nut of control link of stabilizer bar.
4. Remove the lower nut of shock absorber.



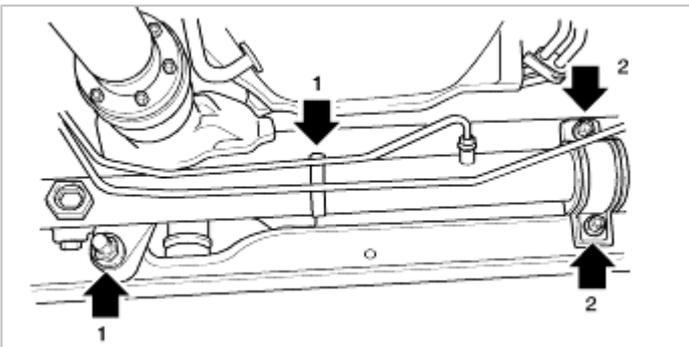
5. Remove the bolts and nuts that joins lower arm and lower arm ball joint.



6. Remove the cotter pin and castle nut from the lower arm ball joint.

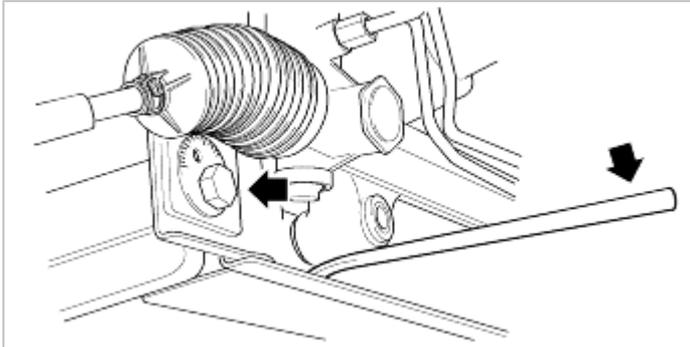


7. Remove the lower arm ball joint from the steering knuckle with SST.
8. Remove the steering gear mounting bolts and nuts.

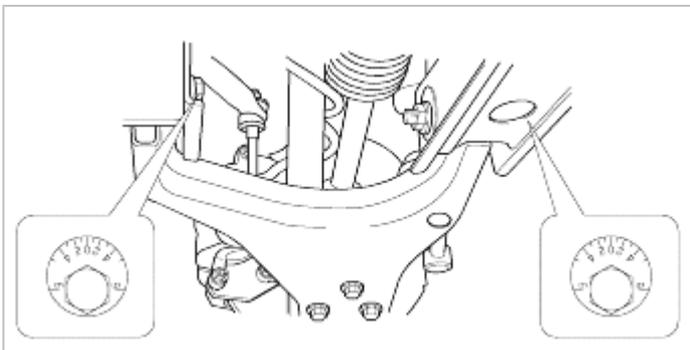


9. Remove the spindle from the front frame crossmember brackets during raising the steering gear box

by using suitable bar.



Before loosening the nuts of the spindles, make note of the numerical setting and mark the location on the frame bracket and plate so it can be re-installed to the same setting and location.



10. Remove the lower arm.

### BUSHING REPLACEMENT

1. For bushing removal, utilize a standard bearing press.
2. Install the new bushing using a standard bearing press.

Apply lubricant to the new bushings prior to installation.

### INSTALLATION

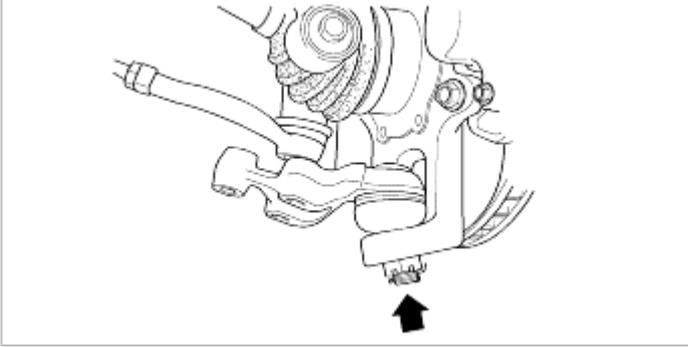
1. Install the lower arm ball joint to the steering knuckle.

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Tightening torque :  
160-180 N·m (16-18 kg·m, 115-130 lb·ft)

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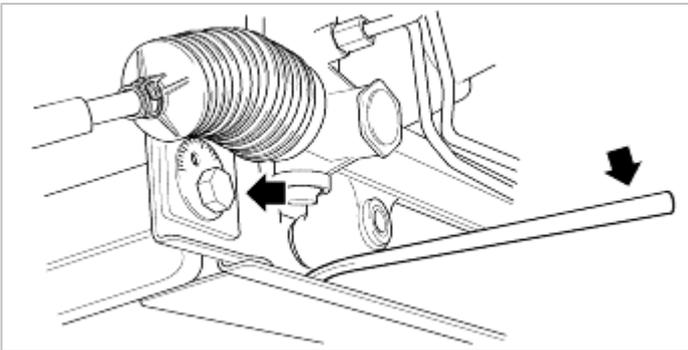
2. Install a new cotter pin through the castle nut.



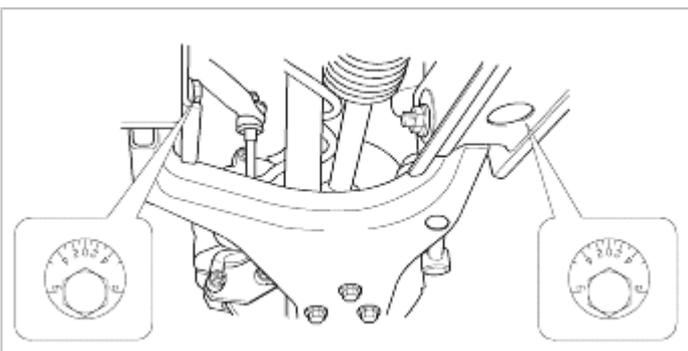
3. Position the lower arm to the front frame crossmember brackets and then position the spindle during lift up the steering gear box by using suitable bar.
4. Install the lower arm spindles.

Tightening torque :

142.2~161.8 N·m (14.5~16.5 kg·m, 104.9~119.3 lb·ft).



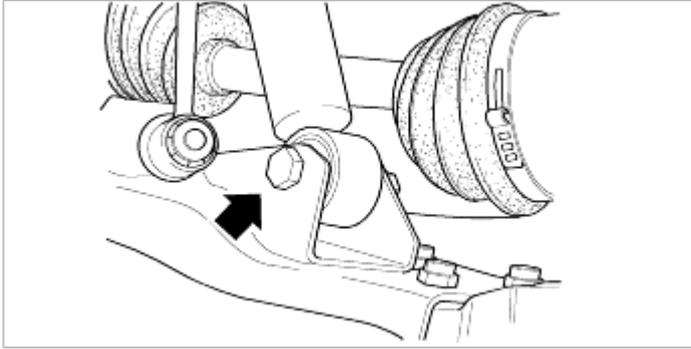
Align the spindle to the numerical setting and marked location on the frame bracket and plate so the same setting and location is maintained.



5. Install the lower nut of the shock absorber.

Tightening torque :

122-140 N·m (12.2-14 kg·m, 88-101 lb·ft)



6. Install the lower nut of control link of stabilizer bar.

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Tightening torque :

95-117 N·m (9.5-11.7 kg·m, 68-84 lb·ft)

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7. Install the wheels and secure the lock nuts.

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Tightening torque :

90-120 N·m (9-12 kg·m, 65-86 lb·ft)

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8. Remove the safety stands and lower the vehicle.

After installation, measure the wheel alignment and adjust if necessary. Refer to "Wheel Alignment" in this section.

## INSPECTION

1. Inspect for worn or deteriorated lower arm bushings.
2. Inspect for bent, cracked or damaged lower arm.
3. Inspect for worn or damaged ball joint.
4. Replace if damaged, deformed or cracked; replace bushing if worn or deteriorated. Refer to "Bushing Replacement" in the following procedure.