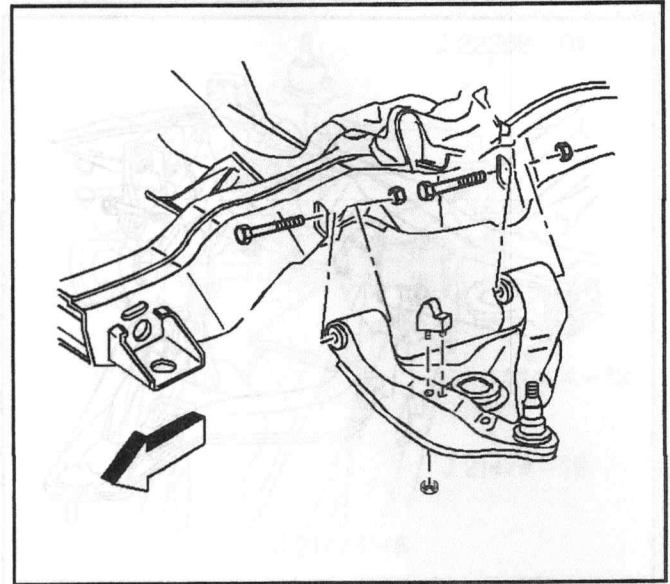


**Installation Procedure**

1. Install the lower control arm to the vehicle.
2. Install the lower ball joint stud to the steering knuckle. Refer to *Lower Ball Joint Replacement (RWD)*.
3. Install the front coil spring. Refer to *Front Coil Springs Replacement*.
4. Check the front wheel alignment. Adjust if necessary. Refer to *Wheel Alignment Specifications* in Wheel Alignment.

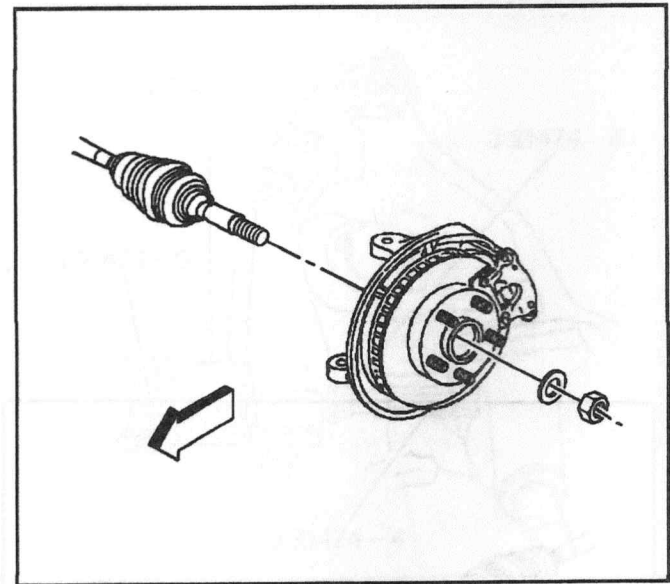


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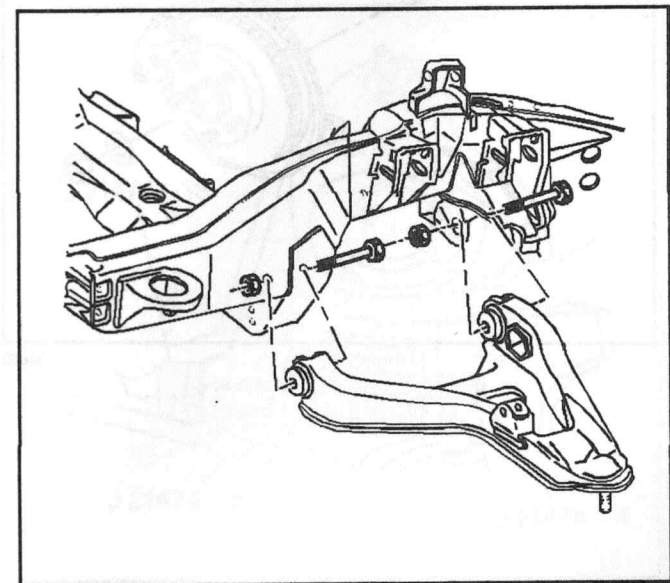
**Lower Control Arm Replacement (4WD)**

**Removal Procedure**

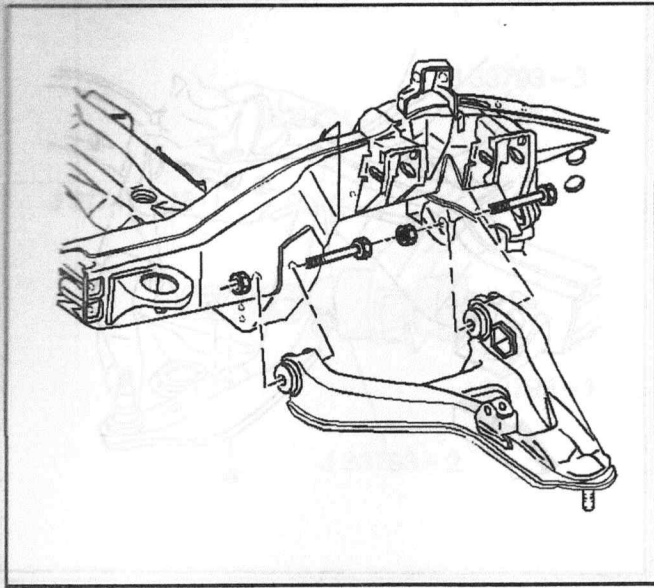
1. Raise and support the vehicle with safety stands. Refer to *Lifting and Jacking the Vehicle* in General Information.
2. Remove the tire and the wheel. Refer to *Tire and Wheel Removal and Installation* in Tires and Wheels.
3. Unload the torsion bar. Refer to *Torsion Bar and Support Assembly Replacement*.
4. Remove the drive axle nut. This allows more clearance for removal of the lower control arm.
5. Remove the stabilizer shaft. Refer to *Stabilizer Shaft Replacement (4WD)*.
6. Remove the shock absorber. Refer to *Shock Absorber Replacement (4WD)*.
7. Remove the nuts and bolts securing the lower control arm to the crossmember and the frame bracket.
8. Remove the lower ball joint stud from the steering knuckle. Refer to *Lower Ball Joint Replacement (4WD)*.
9. Remove the lower control arm from the frame.



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**Installation Procedure**

**Important:** Install the front leg of the lower control arm into the crossmember before installing the rear leg into the frame bracket.

1. Install the lower control arm to the crossmember and to the frame bracket.
2. Install the lower control arm bolts in the direction shown.

**Notice:** Refer to *Fastener Notice* in Cautions and Notices.

3. Install the lower control arm nuts.

**Tighten**

- Tighten the nuts with the lower control arm at the proper Z trim height. Refer to *Trim Height Inspection Procedure* in Suspension General Diagnosis.
- Tighten the nuts and the bolts with the front suspension loaded.
- Tighten the lower control arm front nut and the rear nut to 110 N·m (81 lb ft).

4. Install the lower ball joint stud to the steering knuckle.
5. Install the lower ball joint stud nut.

**Tighten**

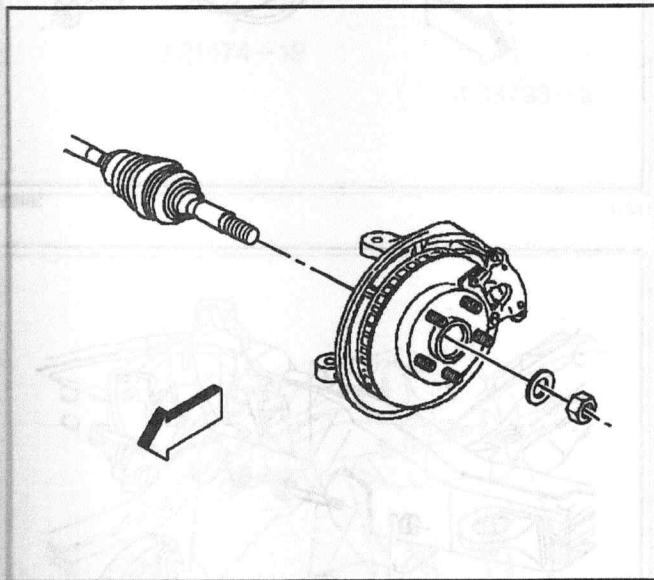
Tighten the lower ball joint stud nut to 108 N·m (79 lb ft).

6. Install a new cotter pin to the lower ball joint stud nut.
7. Install the shock absorber. Refer to *Shock Absorber Replacement (4WD)*.
8. Install the drive axle nut.

**Tighten**

Tighten the drive axle nut to 140 N·m (103 lb ft).

9. Install the stabilizer shaft. Refer to *Stabilizer Shaft Replacement (4WD)*.
10. Load the torsion bar. Refer to *Torsion Bar and Support Assembly Replacement*.
11. Install the tire and the wheel. Refer to *Tire and Wheel Removal and Installation* in Tires and Wheels.
12. Lower the vehicle.



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