

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



**2004-2009 Cadillac SRX**

Electronic Active Suspension Gas  
Shock Absorber Front

**155G-11-F**



**Installation Instructions**



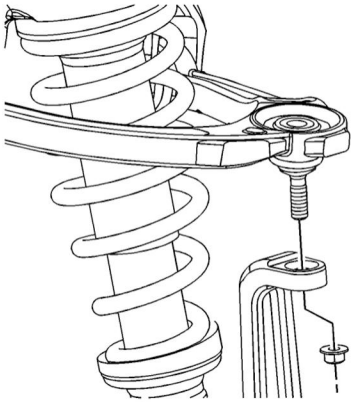
BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, PLEASE READ ALL OF THE INSTRUCTIONS THOROUGHLY!

THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER A VEHICLE SUPPORTED BY A JACK.

**ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.**

## Shock Module Replacement Removal Procedure

- 1. Raise and support the vehicle. Refer to Vehicle Lifting.**
- 2. Remove the tire and wheel.**
- 3. Remove the shock yoke.**
- 4. Vehicles equipped with electronic suspension control (ESC), or automatic headlamp aiming, disconnect the suspension position sensor link rod from the upper control arm.**



- 5. Remove the upper control arm to steering knuckle nut.**

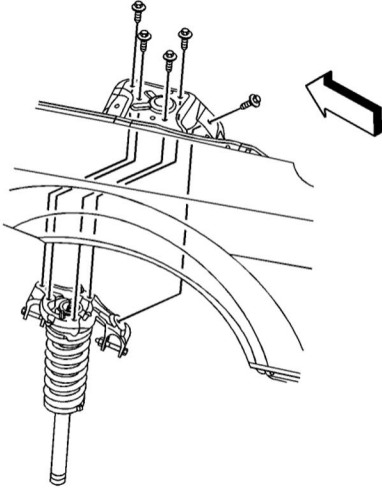
**Notice: The ball stud must not rotate during disassembly/reassembly. Hand tools must be used to keep the ball stud from rotating. If air tools are used, and the stud is allowed to rotate, damage to the ball stud may occur.**

**Important: Hold the upper control arm to the steering knuckle when removing the retaining nut.**

**Important: To prevent the ball stud from slipping, insert a hex-head tool while removing the upper control arm-to-steering knuckle nut.**

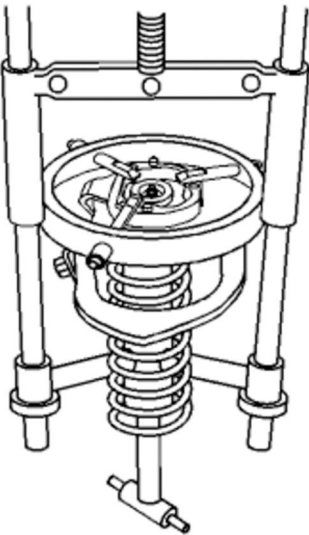
- 6. Separate the upper control arm from the steering knuckle.**
- 7. Lower the vehicle.**

**8. Vehicles equipped with ESC, disconnect the damper coil harness connector.**



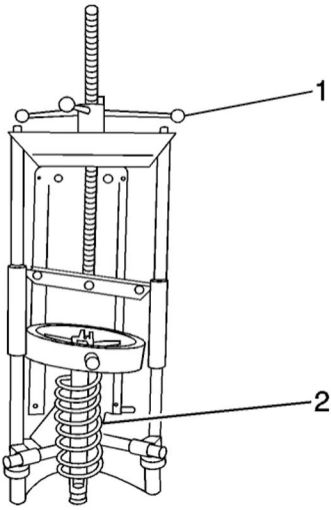
**9. Remove the shock module upper mounting bolts.**

**10. Remove the shock module from the vehicle.**



**11. Install the shock module into the spring compressor.**

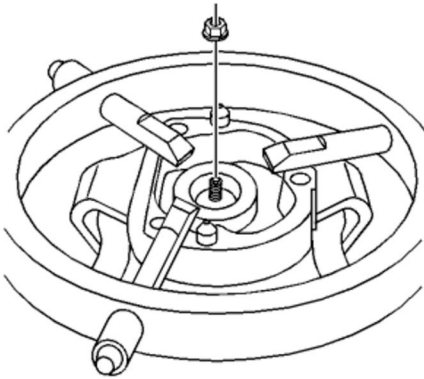
**12. Mark the upper control arm assembly and insulator for proper installation.**



**13. Turn the spring compressor forcing screw (1) until the coil spring (2) is compressed.**

**Important: The spring is compressed when the shock absorber moves freely.**

**14. Remove the magnaride sensor nut.**



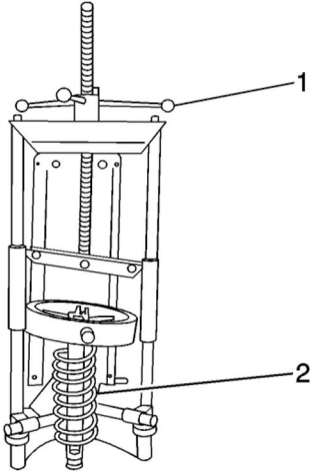
**15. Remove the shock absorber upper retaining nut.**

**16. Remove the shock absorber from the shock module.**

**17. Loosen the compressor forcing screw until the upper mounting plate and coil spring may be removed.**

**18. Remove the upper control arm bracket assembly, insulator and coil spring from the spring compressor.**

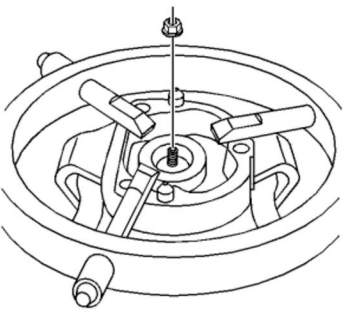
## Installation Procedure



**19. Install the coil spring, insulator, upper control arm bracket assembly, and shock absorber to the spring compressor aligning all marks.**

**Important: Ensure the alignment pins in the upper control arm bracket is orientated 90 degrees with the shock absorber lower mounting holes.**

**20. Turn the spring compressor forcing screw (1) until the coil spring is compressed.**

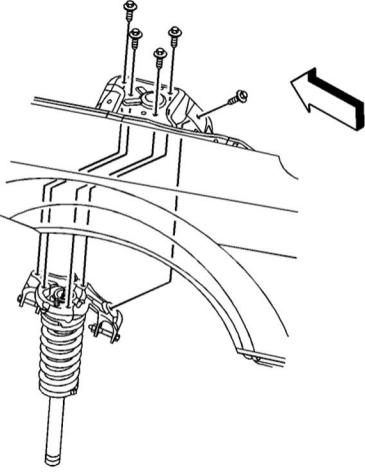


**21. Install the shock absorber retaining nut. Tighten the nut to 25 Nm (18 ft. lbs.) .**

**Notice: Refer to Fastener Notice in Service Precautions.**

**22. Install the magnaride sensor nut.**

**23. Remove the shock module from the spring compressor.**

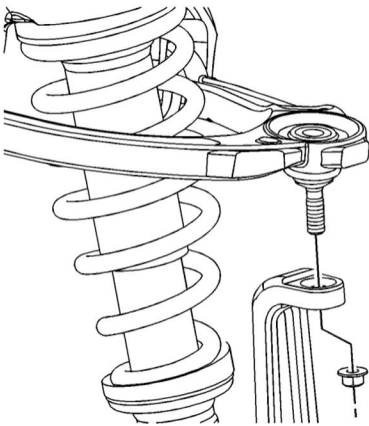


**24. Install the shock module to the vehicle.**

**25. Install the shock module upper mounting bolts. Tighten the bolts to 112 Nm (83 ft. lbs.) .**

**26. Vehicles equipped with ESC, connect the damper coil harness connector.**

**27. Raise the vehicle.**



**28. Install the upper control arm to the steering knuckle.**

**29. Install the upper control arm to steering knuckle retaining nut.**

**30. Tighten the nut to 20 Nm (18 ft. lbs.) .**



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- 31. Tighten the nut an additional 210 degrees .**
- 32. Vehicles equipped with ESC, or automatic headlamp aiming, connect the suspension position sensor link rod to the upper control arm.**
- 33. Install the shock yoke.**
- 34. Install the shock to the yoke.**
- 35. Install the tire and wheel.**
- 36. Lower the vehicle.**