

Shock Absorber and Spring Assembly

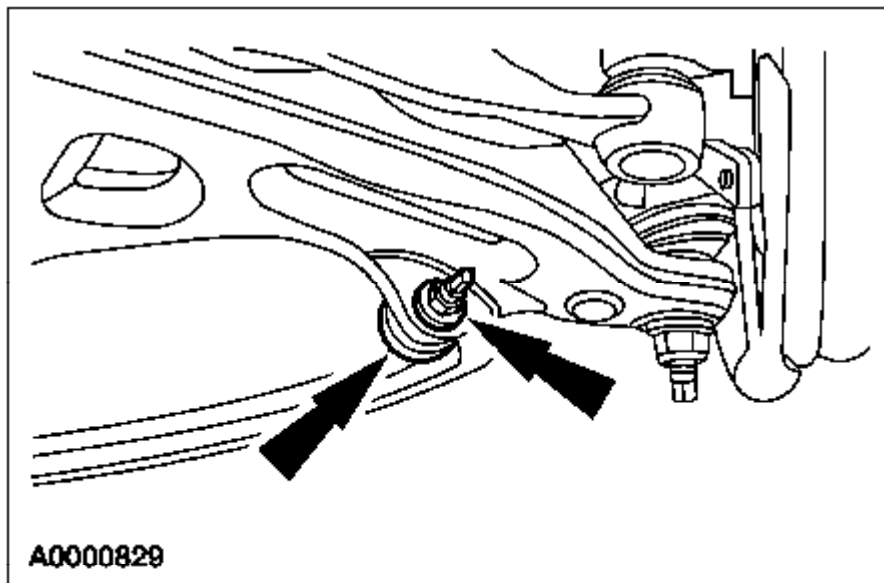
Removal



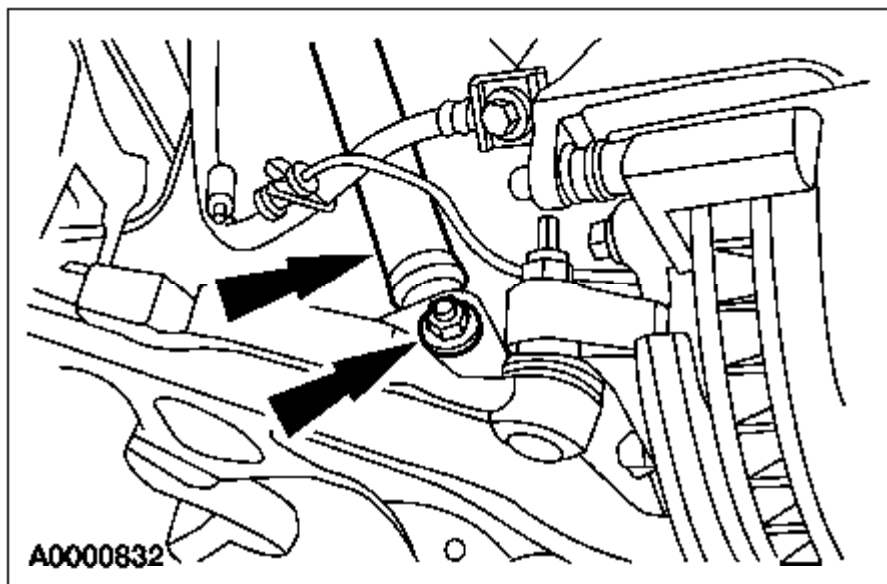
CAUTION:

Suspension fasteners are critical parts because they affect the performance of vital components and systems and their failure can result in major service expense. A new part with the same part number must be installed if installation is necessary. Do not use a new part of lesser quality or substitute design. Torque values must be used as specified during reassembly to make sure of correct retention of these parts.

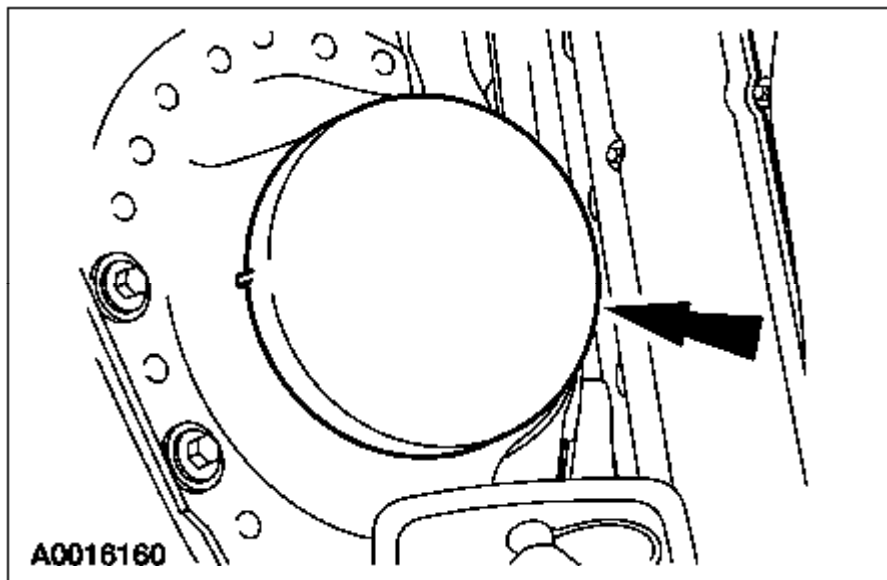
1. Raise the vehicle on a hoist. For additional information, refer to «[Section 100-02](#)».
2. Remove the wheel and tire assembly. For additional information, refer to «[Section 204-04](#)».



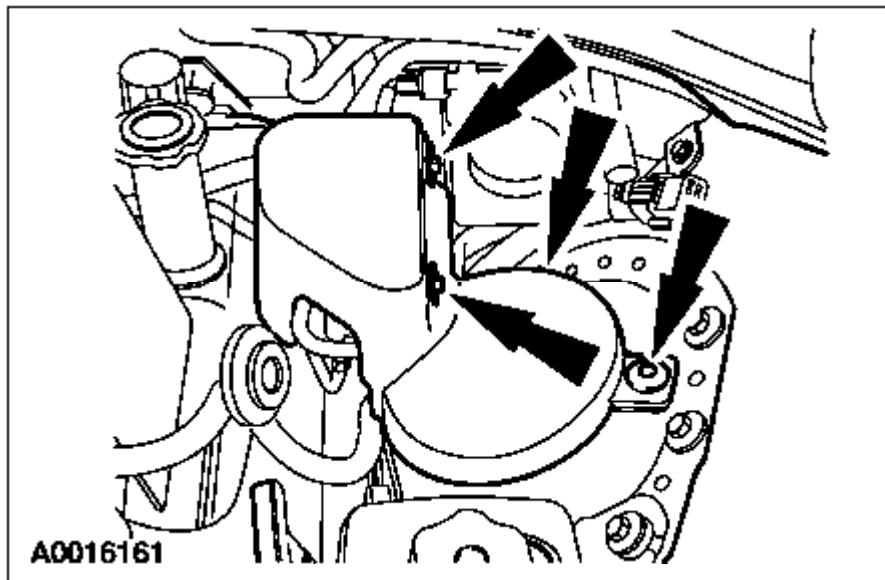
3. **Note:**
To remove the nut, first loosen the nut, then use the hex holding feature to prevent the stabilizer bar link ball joint from turning while removing the nut.
Remove the nut and disconnect the stabilizer bar link (5K483). Discard the nut.



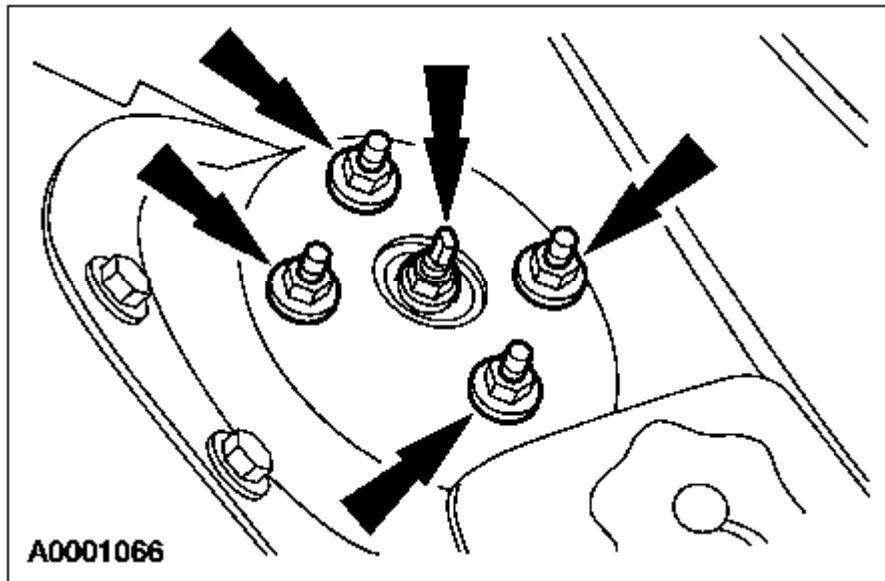
- 4. Remove and discard the nut and bolt. Disconnect the shock absorber and spring assembly.
- 5. Partially lower the vehicle.



- 6. Remove the upper right strut mount cover.

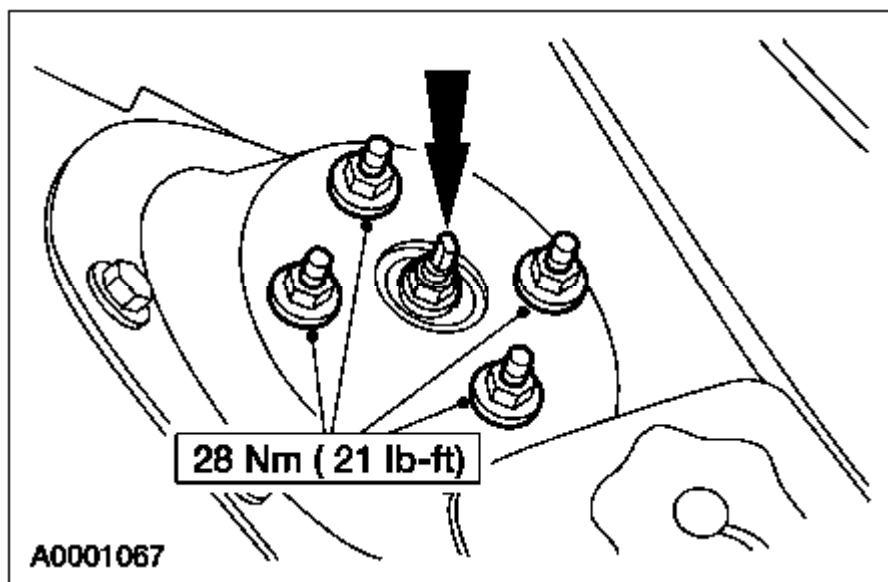


7. Remove the retainers and the upper left strut mount cover.

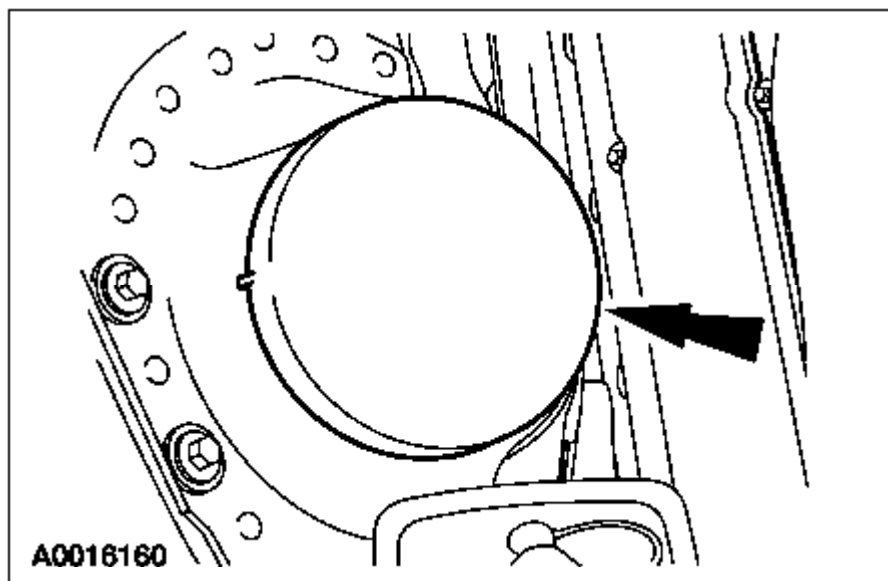


8. **⚠ WARNING:**
Do not remove the center nut. This nut holds the upper spring mount in place and if this nut is removed the spring tension will be released. Failure to follow these instructions may result in personal injury.
- Remove and discard four nuts. Remove the shock absorber and spring assembly.

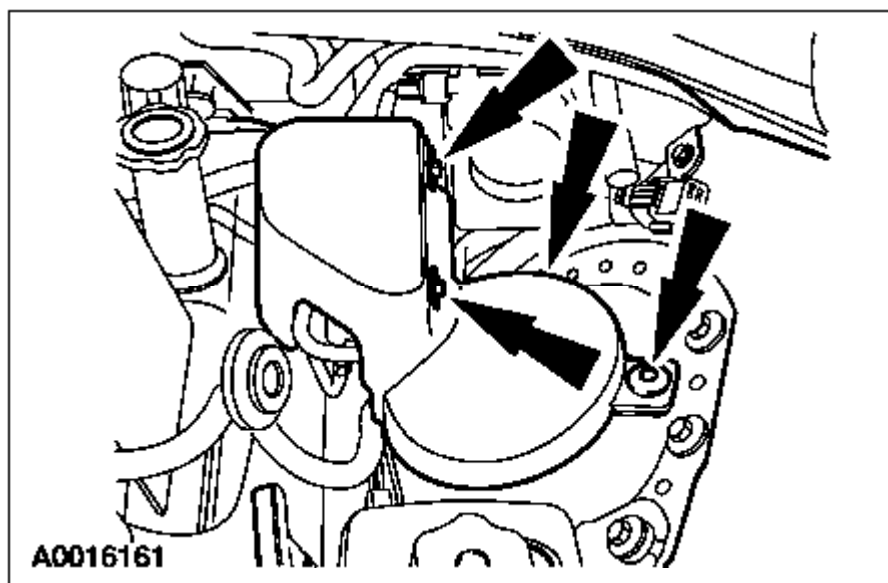
Installation



1. Install the shock absorber and spring assembly and new nuts.

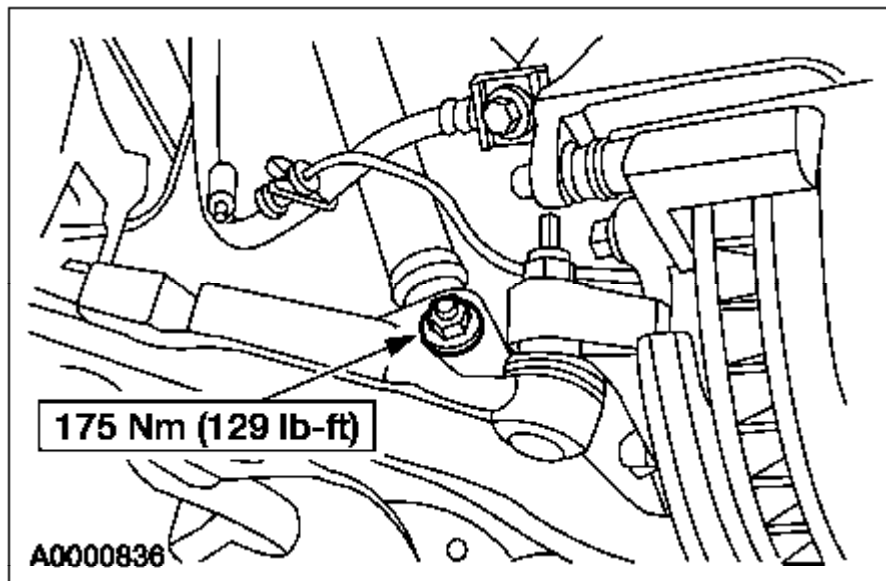


2. Install the upper right strut mount cover.



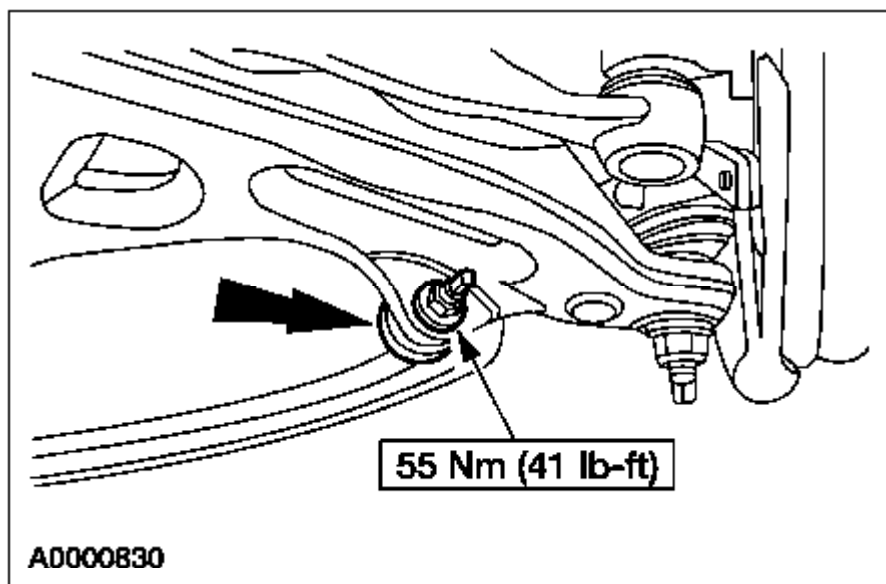
3. Install the upper left strut mount cover and retainers.

4. Raise the vehicle.



5. **Note:**
Make sure the shock absorber lower bushing end caps are in place before installing the bolt and nut.

Connect the shock absorber and spring assembly to the suspension lower arm. Install a new bolt and nut.



6. **Note:**
To install the nut, first install the nut until snug using the hex holding feature to prevent the stabilizer bar link ball joint from turning. Final tighten the nut using a socket and a torque wrench.

Connect the stabilizer bar link to the suspension lower arm and install a new nut.

7. Install the wheel and tire assembly. For additional information, refer to «[Section 204-04](#)».

8. Lower the vehicle.