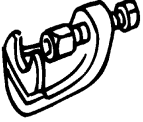


REMOVAL AND INSTALLATION

Wheel Spindle

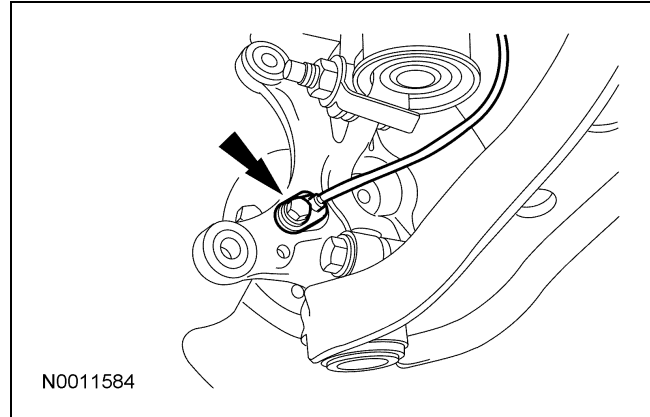
Special Tool(s)

 <p>ST1106-A</p>	<p>Tie-Rod End Remover 211-001 (TOOL-3290-D) or Equivalent</p>
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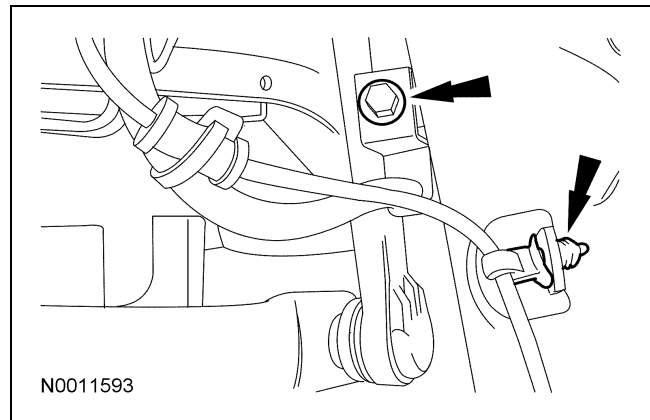
Removal and Installation

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

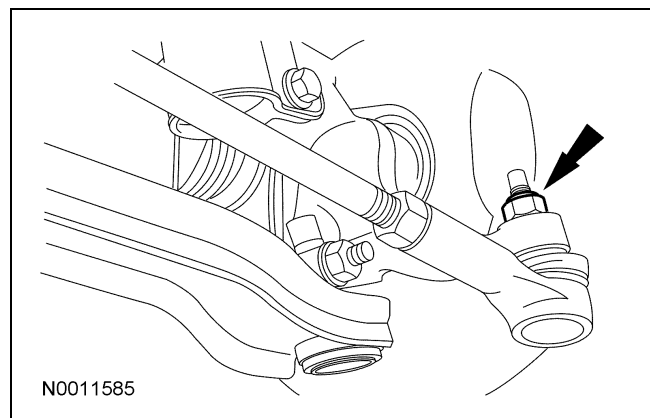
1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to Section 100-02.
2. Remove the wheel and tire assembly. For additional information, refer to Section 204-04.
3. Remove the front wheel hub. For additional information, refer to Wheel Bearing and Wheel Hub in this section.
4. Remove the 3 brake disc dust shield bolts, then remove the dust shield.
 - To install, tighten to 20 Nm (15 lb-ft).
5. Remove the bolt and the ABS sensor.




6. Remove the brake line bracket bolt and disconnect the ABS sensor wire from the bracket.
 - To install, tighten to 20 Nm (15 lb-ft).



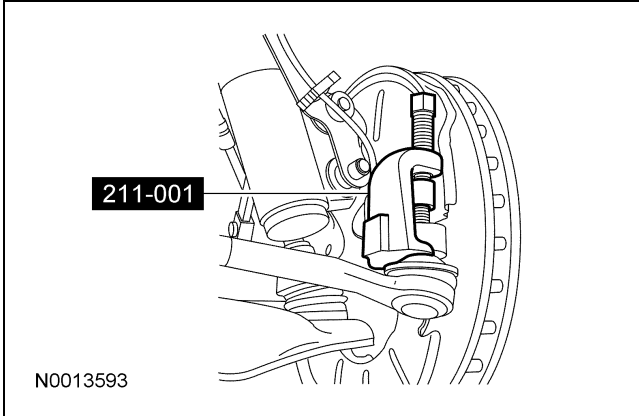
7. Remove and discard the outer tie rod end nut.
 - To install, tighten to 80 Nm (59 lb-ft).



REMOVAL AND INSTALLATION (Continued)

8.  **CAUTION:** Use care not to damage the tie rod end dust boot.

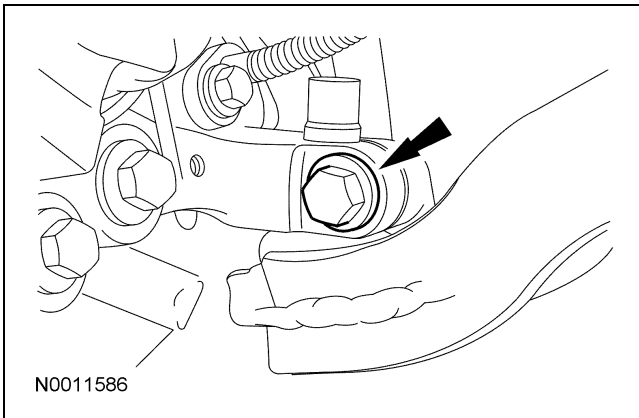
Using the special tool, disconnect the tie rod end from the front wheel spindle.




9. Support the front suspension lower arm with a jack stand.


10. Remove the pinch bolt and nut.

- To install, tighten to 103 Nm (76 lb-ft).



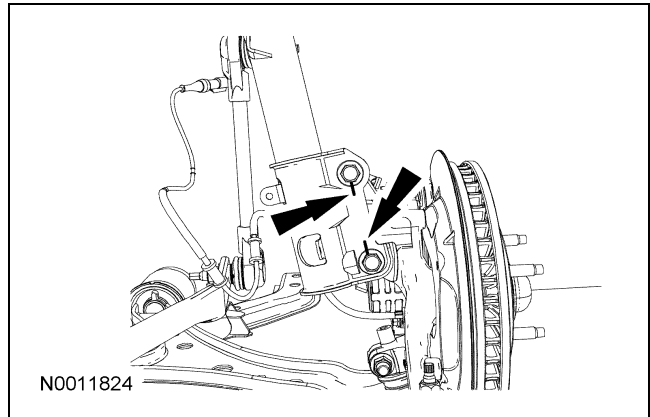
11.  **CAUTION:** Do not damage the lower ball joint boot while separating the lower control arm and the wheel spindle.

Separate the lower control arm and the wheel spindle.

12.  **WARNING:** All vehicles are equipped with gas-pressurized struts which will extend unassisted. Do not apply heat or flame to the struts during removal or component servicing. Failure to follow these instructions can result in personal injury.

Index mark the 2 strut-to-spindle bolts, then remove the bolts and nuts.

- To install, tighten to 200 Nm (148 lb-ft).



13. Remove the wheel spindle.

14. To install, reverse the removal procedure.

- Always install a new outer tie rod end nut.

15. Check wheel alignment and adjust if necessary. For additional information, refer to Section 204-00.