

DIAGNOSIS (Continued)

STEERING SYSTEM DIAGNOSIS (Continued)

CONDITION	POSSIBLE SOURCE	ACTION
<p>● Smoothness/Sticky Feeling—Condition of Momentary Build Up, Hitch, Lump or Hesitation in Steering Efforts, Usually Occurring Just as the Turn is Begun. It May Occur Right or Left, and in Rare Cases, Occur in Both Directions. It May be Noticed During Parking, Low Speed Turns or at Road Speeds. If This Condition is Detected During Parking Maneuvers, it May Also be Noticed During Higher Speed Driving.</p> <p>NOTE: Discolored Steering Fluid in Rack-and-Pinion Steering System Should Not Be Misdiagnosed as a Functional or Noise Concern.</p>	<ul style="list-style-type: none"> <li>● Loose or worn pulley belt.</li> <li>● Front lower control arm ball joint worn.</li> <li>● Column trim rubbing steering wheel.</li> <li>● Binding in gear control valve assembly.</li> <li>● Water or oil on pulley belt.</li> <li>● Column misaligned or binding.</li> <li>● Flex coupling distorted or fractured.</li> <li>● Flex housing rubbing against housing face.</li> <li>● Column intermediate shaft joints loose, worn or binding.</li> <li>● Column intermediate shaft connecting bolt loose.</li> <li>● Steering linkage, shock absorbers or struts are loose, worn or binding.</li> <li>● Tight steering column bearings.</li> <li>● Column shaft clips missing or damaged.</li> <li>● Steering gear retaining bolts loose or damaged.</li> <li>● Wheel bearing loose or worn.</li> <li>● Loose wheel lug nuts.</li> <li>● Bent or damaged rack assembly.</li> <li>● Low tire pressure.</li> <li>● Improper front end alignment.</li> </ul>	<ul style="list-style-type: none"> <li>● Tighten or replace. Refer to Section 03-05.</li> <li>● Replace front lower control arm assembly. Refer to Section 04-01.</li> <li>● Reposition trim on column.</li> <li>● Replace gear assembly. Refer to Section 11-02.</li> <li>● Clean or replace.</li> <li>● Align column assembly. Refer to Section 11-04.</li> <li>● Align or replace as required.</li> <li>● Align or reposition flex coupling.</li> <li>● Replace as required.</li> <li>● Tighten.</li> <li>● Lubricate, adjust or replace as necessary.</li> <li>● Lubricate or replace as required.</li> <li>● Service as required.</li> <li>● Tighten.</li> <li>● Replace as required. Refer to Section 04-01.</li> <li>● Tighten. Refer to Section 04-04.</li> <li>● Replace gear assembly.</li> <li>● Inflate.</li> <li>● Align front end. Refer to Section 04-04.</li> </ul>