

DIAGNOSIS (Continued)

STEERING SYSTEM DIAGNOSIS (Continued)

CONDITION	POSSIBLE SOURCE	ACTION
<ul style="list-style-type: none"> Wandering / Darting / Pointing — Condition Noticed When the Car is Driven in a Straight Ahead Position With the Wheel Held in a Firm Position, and the Vehicle Wanders to Either Side. Darting Refers to Down the Road Steering Feel, it is Not Smooth and Seems to be Sticky and the Driver Cannot Make Minor Correction With Ease. Pointing Refers to the Inability of the Vehicle to Return to a Straight Ahead Position After a Moderate to Higher Speed Lane Change. <p>NOTE: Pointing Characteristics are Normal with the Rack-and-Pinion Steering System Up to 10 Degrees Off-Center.</p>	<ul style="list-style-type: none"> Steering gear retaining bolts loose or damaged. Improper front or rear end alignment. Front lower control arm ball joint(s) worn. Brinelled or binding strut upper bearing. Steering wheel clear vision off location. Column trim rubbing steering wheel. Loose suspension struts or ball joints binding. Loose tie rod ends. Column intermediate shaft joint loose or worn. Column misaligned or binding. Gear tie rod inner ball joint loose or worn. Column intermediate shaft connecting bolt loose. Low tire pressure or incorrect pressure front to rear. Incorrect tire size or incorrect type. Radial tires (misaligned belts). Front and / or rear wheel bearing loose or worn. Loose or worn rear suspension. Loose flex coupling bolt. Improper brake operation or adjustment. Vehicle unevenly loaded. 	<ul style="list-style-type: none"> Tighten. Refer to Section 11-02. Align. Replace as required. Refer to Section 04-01. Replace bearing. Correct as required. Reposition trim on column assembly. Adjust or replace as required. Replace tie rod ends. Replace intermediate shaft. Align column assembly. Replace gear tie rods. Tighten. Refer to Section 11-04. Check tire pressure and inflate / deflate as necessary. Correct as required. Replace as required. Refer to Sections 04-01 and / or 04-02. Tighten or replace as necessary. Refer to Section 04-00. Tighten. Inspect and adjust. Correct as required. Refer to Section 06-00. Correct as required.

TG5402D

SPECIFICATIONS

STATIC STEERING WHEEL TURNING EFFORT

Vehicle	Power
Taurus / Sable, Taurus SHO with VAP	2.27 kg (5.0 Lb)
Taurus / Sable without VAP	3.18 kg (7.0 Lb)

POWER STEERING RELIEF PRESSURE

Vehicle	Min. Relief Pressure	
	kPa	psi
3.0L, 3.8L and Taurus Police 3.8L	9650	1400
3.0L / 3.2L SHO	9650	1400

SPECIAL SERVICE TOOLS

ROTUNDA EQUIPMENT

Model	Description
014-00207	Power Steering System Analyzer
021-00014	Vacuum Tester
014-00208	Taurus 3.0L / 3.2L SHO Fitting