

T-SB-0097-12

July 10, 2012

Steering Gear Leak

 Service
 Category Steering

Section Steering Gear/Linkage

Market USA

 Toyota Supports
 ASE Certification 

Applicability

| YEAR(S) | MODEL(S) | ADDITIONAL INFORMATION |
|-------------|----------|------------------------|
| 2004 – 2010 | Sienna | |

Introduction

Some 2004 – 2010 model year Sienna vehicles may exhibit an oil leak from the boots of the steering gear assembly. Use the repair procedure below to address this condition.

Parts Information

| PREVIOUS PART NUMBER | CURRENT PART NUMBER | PART NAME | QTY |
|----------------------|---------------------|---------------------------|-----|
| 44250-08040 | 44250-08041 | Gear Assy, Power Steering | 1 |

Warranty Information

| OP CODE | DESCRIPTION | TIME | OFF | T1 | T2 |
|---------|------------------------------|------|-------------|----|----|
| 444401 | R & R Steering Gear Assembly | 2.2 | 44250-08040 | 65 | 99 |

APPLICABLE WARRANTY

- This repair is covered under the Toyota Comprehensive Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Required Tools & Equipment

| SPECIAL SERVICE TOOLS (SST) | PART NUMBER | QTY |
|-----------------------------|-----------------------|-----|
| Ball Joint Puller* | <u>09628-62011-01</u> | 1 |

* Essential SST.

NOTE

Additional SSTs may be ordered by calling 1-800-933-8335.

Steering Gear Leak

Required Tools & Equipment (Continued)

| REQUIRED MATERIAL | QUANTITY |
|----------------------|-----------|
| Power Steering Fluid | As Needed |

Repair Procedure

1. Place the vehicle on a lift and confirm the leak is coming from the boots of the steering gear assembly.
2. Once the condition has been confirmed, remove the steering rack.

Refer to the Technical Information System (TIS), applicable model year Sienna Repair Manual:

- 2004 / 2005 Sienna:
Steering – Power Assist Systems – “Rack & Pinion Power Steering Gear Assy: Overhaul”
- 2006 / 2007 / 2008 / 2009 Sienna:
Steering – Power Assist Systems – “Power Steering: Rack and Pinion Power Steering Gear: Removal”
- 2010 Sienna:
Steering – Power Assist Systems – “Power Steering: Steering Gear: Removal”

3. Install the NEW steering rack.

Refer to TIS, applicable model year Sienna Repair Manual:

- 2004 / 2005 Sienna:
Steering – Power Assist Systems – “Rack & Pinion Power Steering Gear Assy: Overhaul”
- 2006 / 2007 / 2008 / 2009 Sienna:
Steering – Power Assist Systems – “Power Steering: Rack and Pinion Power Steering Gear: Installation”
- 2010 Sienna:
Steering – Power Assist Systems – “Power Steering: Steering Gear: Installation”

4. Road test the vehicle to confirm that the oil leak is NO longer present and that the vehicle is aligned. Also verify that the steering wheel is centered and no other alignment or vehicle handling concerns are observed.