

Oil Filter Cap Assembly Precautions

Service Category Engine/Hybrid System

Section Lubrication

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2010	Camry	
2009 – 2010	Corolla, Matrix	
2009	Highlander, RAV4, Venza	
2008 – 2009	Land Cruiser	
2008 – 2010	Sequoia	
2007 – 2010	Tundra	

TSB SUPERSESSION NOTICE

The information contained in this TSB supersedes TSB No. T-SB-0332-08.

- **Applicability has been updated to include 2009 – 2010 model year Highlander, 2010 model year Camry, Corolla, Matrix, Sequoia, Tundra, and 2009 model year Venza vehicles.**
- **The SST table has been updated with an illustration.**
- **The Notice in the Repair Procedure has been updated with a Figure and torque specification ranges to clarify SST usage.**

TSB No. T-SB-0332-08 is Obsolete and any printed versions should be discarded. Be sure to review the entire content of this service bulletin before proceeding.

Introduction

To prevent damage to the oil filter cap assembly, this procedure must be closely followed during oil filter replacement to avoid immediate and future oil filter serviceability concerns.

The following engines are equipped with a plastic oil filter cap assembly:

- 1UR-FE (Tundra, Sequoia)
- 3UR-FE (Tundra, Sequoia, Land Cruiser)
- 2ZR-FE (Corolla, Matrix)

Oil Filter Cap Assembly Precautions

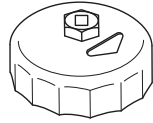
Introduction (Continued)

- 1AR-FE (Highlander, Venza)
- 2AR-FE (RAV4, Camry)

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	–	–	–	–

Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST'S)	PART NUMBER	QTY
Oil Filter Wrench* 	09228-06500-02 or 09228-06501	1

* Essential SST.

NOTE

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

Oil Filter Cap Assembly Precautions

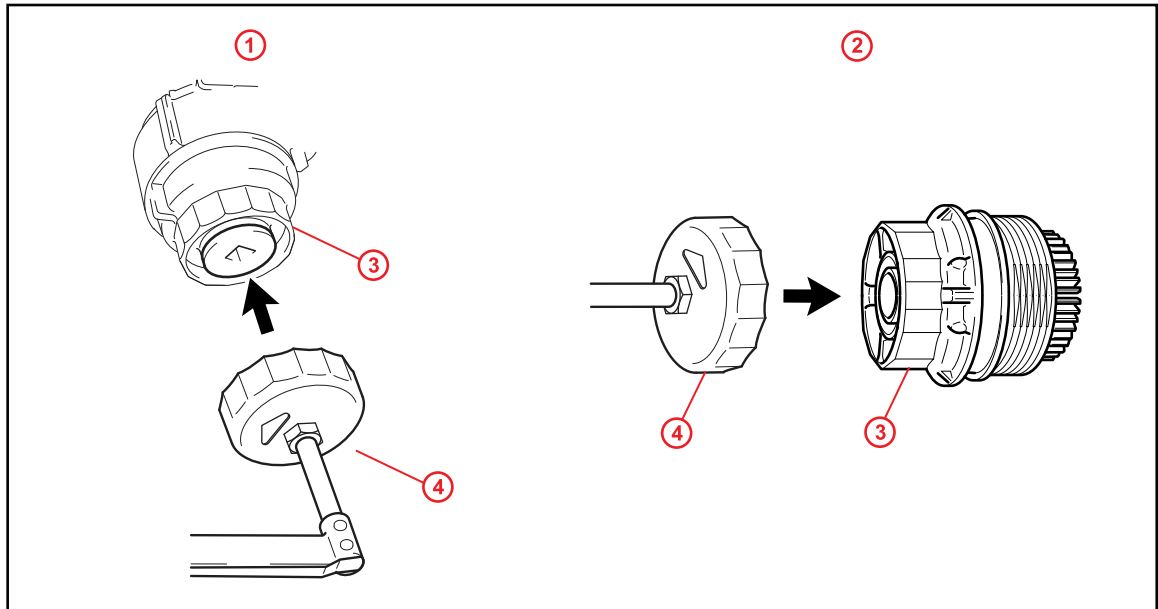
Repair Procedure

NOTICE

During oil filter replacement:

- Ensure that SST 09228-06500-02 or 09228-06501 is used to remove and install the oil filter cap — or damage to the cap may occur.
- Inspect the SST for any damage or distortion before use.
- Confirm that the SST is fully seated on the oil filter cap when removing/installing (see Figure 1).

Figure 1.



1	With Drain Plug
2	Without Drain Plug
3	Oil Filter Cap
4	SST (09228-06500-02 or 09228-06501)

- Ensure a torque wrench is used for oil filter cap installation.
Torque: 25 +/- 5 N*m (255 +/- 51 kgf*cm, 18 +/- 3.7 ft*lb)
- There is a possibility the oil filter cap will be difficult to remove if the torque range is exceeded.

FAILURE TO FOLLOW THE INSTRUCTIONS ABOVE MAY RESULT IN OIL FILTER CAP AND/OR SST DAMAGE.

Oil Filter Cap Assembly Precautions

Repair Procedure (Continued)

Refer to the Technical Information System (TIS) when replacing the oil filter, applicable model and model year Repair Manual:

- [2010](#) Camry:
Engine/Hybrid System – Lubrication – “2AR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2009](#) / [2010](#) Corolla:
Engine/Hybrid System – Lubrication – “2ZR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2009](#) Highlander:
Engine/Hybrid System – Lubrication – “1AR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2008](#) / [2009](#) Land Cruiser:
Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2009](#) / [2010](#) Matrix:
Engine/Hybrid System – Lubrication – “2ZR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2009](#) RAV4:
Engine/Hybrid System – Lubrication – “2AR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2008](#) / [2009](#) / [2010](#) Sequoia (3UR-FE):
Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2010](#) Sequoia (1UR-FE):
Engine/Hybrid System – Lubrication – “1UR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2007](#) / [2008](#) / [2009](#) / [2010](#) Tundra (3UR-FE):
Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2010](#) Tundra (1UR-FE):
Engine/Hybrid System – Lubrication – “1UR-FE Lubrication: Oil and Oil Filter: Replacement”
- [2009](#) Venza:
Engine/Hybrid System – Lubrication – “1AR-FE Lubrication: Oil and Oil Filter: Replacement”