

# 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 – 2011	4Runner, Camry, FJ Cruiser, Prius	
2009 – 2011	Corolla, Highlander, Matrix, RAV4, Venza	
2008 – 2011	Land Cruiser, Sequoia	
2011	Sienna	
2007 – 2011	Tundra	

### TSB REVISION NOTICE

August 9, 2011 Rev1:

- Applicability has been updated to include applicable 2010 – 2011 model year Toyota vehicles.

Any previous printed versions of this service bulletin should be discarded.

### 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TSB No. T-SB-0332-08 is Obsolete and any printed versions should be discarded.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.

## Oil Filter Cap Assembly Precautions

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### Introduction (Continued)

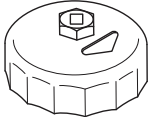
The following engines are equipped with a plastic oil filter cap assembly:

- 1UR-FE (Sequoia, Tundra)
- 3UR-FE (Land Cruiser, Sequoia, Tundra)
- 2ZR-FE (Corolla, Matrix)
- 1GR-FE Dual VVTi (4Runner, FJ Cruiser, Tundra)
- 1AR-FE (Highlander, Sienna, Venza)
- 2AR-FE (Camry, RAV4)
- 2ZR-FXE (Prius)

### Warranty Information

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

### Required Tools & Equipment

SPECIAL SERVICE TOOLS (SST)	PART NUMBER	QTY
Oil Filter Wrench* 	<a href="#">09228-06500-02</a> or <a href="#">09228-06501</a>	1

\* Essential SST.

**NOTE**

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

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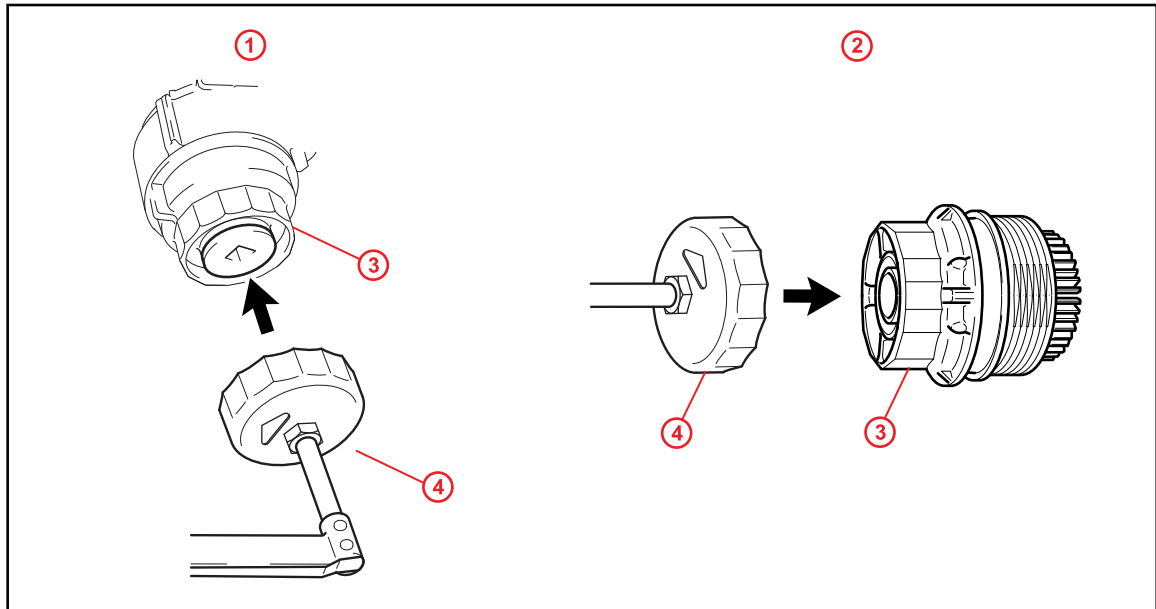
### Repair Procedure

**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

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### Repair Procedure (Continued)

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

- [2010](#) / [2011](#) 4Runner:  
*Engine/Hybrid System – Lubrication – “1GR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2010](#) / [2011](#) Camry:  
*Engine/Hybrid System – Lubrication – “2AR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2009](#) / [2010](#) / [2011](#) Corolla:  
*Engine/Hybrid System – Lubrication – “2ZR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2009](#) / [2010](#) / [2011](#) Highlander:  
*Engine/Hybrid System – Lubrication – “1AR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2010](#) / [2011](#) FJ Cruiser:  
*Engine/Hybrid System – Lubrication – “1GR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2008](#) / [2009](#) / [2010](#) / [2011](#) Land Cruiser:  
*Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2009](#) / [2010](#) / [2011](#) Matrix:  
*Engine/Hybrid System – Lubrication – “2ZR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2010](#) / [2011](#) Prius:  
*Engine/Hybrid System – Lubrication – “2ZR-FXE Lubrication: Oil and Oil Filter: Replacement”*
- [2009](#) / [2010](#) / [2011](#) RAV4:  
*Engine/Hybrid System – Lubrication – “2AR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2008](#) / [2009](#) / [2010](#) / [2011](#) Sequoia (3UR-FE):  
*Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2010](#) / [2011](#) Sequoia (1UR-FE):  
*Engine/Hybrid System – Lubrication – “1UR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2011](#) Sienna:  
*Engine/Hybrid System – Lubrication – “1AR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2007](#) / [2008](#) / [2009](#) / [2010](#) / [2011](#) Tundra (3UR-FE):  
*Engine/Hybrid System – Lubrication – “3UR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2010](#) / [2011](#) Tundra (1UR-FE):  
*Engine/Hybrid System – Lubrication – “1UR-FE Lubrication: Oil and Oil Filter: Replacement”*

## Oil Filter Cap Assembly Precautions

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### Repair Procedure (Continued)

- [2011](#) Tundra (1GR-FE):  
*Engine/Hybrid System – Lubrication – “1GR-FE Lubrication: Oil and Oil Filter: Replacement”*
- [2009](#) / [2010](#) / [2011](#) Venza:  
*Engine/Hybrid System – Lubrication – “1AR-FE Lubrication: Oil and Oil Filter: Replacement”*