

6991705063763

Generic Fuel Tank Gas Cap Assembly 77300-06040 User Manual

Model: 6991705063763

1. INTRODUCTION AND OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of the Generic Fuel Tank Gas Cap Assembly, part number 77300-06040. This component is designed to provide a secure seal for your vehicle's fuel tank, contributing to fuel efficiency and reducing vapor emissions.

The fuel cap is constructed from durable ABS plastic material, engineered to resist oil and dirt, ensuring a long service life.

2. PRODUCT FEATURES

- High-Quality Material:** Manufactured from durable ABS plastic, designed for wear resistance and longevity.
- Secure Seal:** Provides a tight seal for the fuel tank, which helps maintain fuel economy and minimizes evaporative emissions.
- Leak Prevention:** Designed to prevent fuel leakage, ensuring the safe and normal operation of the vehicle.
- Direct Replacement:** Engineered to match original specifications for a perfect fit and straightforward installation.

3. COMPATIBILITY

This fuel tank gas cap assembly (Part Number: 77300-06040, 77300 06040, 7730006040, 10834, 31832) is compatible with various Toyota and Lexus models. Please verify your vehicle's specific model and year against the list below to ensure proper fitment. Note any exclusions or date ranges specified.

Compatible Toyota Models:

- 4Runner: 2010-2015
- Avalon: 2007-2012
- Camry: 2007-2011 (Excluding California or Hybrid Spec), 2012-2013 (Excluding PZEV Spec To 12/2012)
- Corolla: 2005-2013 (From 08/2005, Excluding Japan Built Part)
- FJ Cruiser: 2007-2014

- Highlander: 2007-2013
- Land Cruiser: 2005-2014 (From 05/05 To 08/2014)
- Matrix: 2004-2013 (From 08/2005, Japan Built Part)
- RAV4: 2006-2012
- Sequoia: 2008-2016 (To 06/2015)
- Sienna: 2007-2014 (To 08/2013)
- Solara: 2007-2008
- Tacoma: 2009-2014 (To 09/2013)
- Tundra: 2007-2014 (To 08/2013)
- Venza: 2009-2013 (To 10/2012)
- Yaris: 2007-2011

Compatible Lexus Models:

- ES350: 2007-2012
- GS350: 2007-2011
- GS430: 2007
- GS460: 2008-2011
- GX460: 2010-2015 (To 08/2014)
- IS F: 2008-2014
- IS250: 2006-2014
- IS350: 2006-2014
- LS430: 2006 (From 07/2005)
- LS460: 2007-2012
- LX470: 2005-2007 (From 05/2005)
- LX570: 2008-2015 (To 08/2014)
- RX350: 2008-2015 (To 09/2013)
- LX470: 2006-2010 (From 08/2005)

4. INSTALLATION

The fuel tank gas cap assembly is designed for direct replacement and easy installation. No additional adjustments or modifications are typically required.

- 1. Preparation:** Ensure your vehicle's engine is off and cool. Locate the fuel filler neck on your vehicle.
- 2. Removal of Old Cap:** Turn the old fuel cap counter-clockwise until it loosens and can be removed. If your old cap has a tether, carefully detach it from the vehicle or the cap itself.
- 3. Installation of New Cap:** Align the new fuel cap with the fuel filler neck. Turn the cap clockwise until it clicks multiple times. This indicates a secure seal.
- 4. Secure Tether (if applicable):** If your new cap includes a tether, ensure it is properly attached to prevent loss.



Figure 1: Top view of the fuel cap, showing the caution and tightening instructions.



Figure 2: Underside view of the fuel cap, highlighting the sealing components.

5. OPERATION

To ensure proper function and maintain vehicle performance, always secure the fuel cap correctly after refueling.

- **Opening:** Turn the fuel cap counter-clockwise to loosen and remove it for refueling.
- **Closing:** After refueling, place the cap back onto the fuel filler neck. Turn it clockwise until you hear at least one click. This click indicates that the cap is properly sealed and will prevent fuel vapors from escaping and debris from entering the tank.



Figure 3: Side profile of the fuel cap.

6. MAINTENANCE

The fuel tank gas cap assembly requires minimal maintenance. Periodically inspect the cap for any signs of wear, cracks, or damage to the sealing gasket. A damaged gasket can compromise the seal and lead to issues.

- Keep the cap and the fuel filler neck area clean from dirt and debris.
- Ensure the tether (if present) is securely attached and not damaged.
- If the cap becomes difficult to turn or does not click securely, inspect it for damage or consider replacement.

7. TROUBLESHOOTING

Check Engine Light (CEL) Illumination:

A common cause for the Check Engine Light (CEL) to illuminate is a loose, faulty, or missing fuel cap. If your CEL comes on, or if you detect a smell of gasoline vapors around the fuel filler area, and your vehicle is not exhibiting other unusual noises or smoke, perform the following steps:

1. **Inspect the Cap:** Remove and re-install the fuel cap, ensuring it is tightened until it clicks multiple times.
2. **Clear CEL:** Drive the vehicle for a few cycles. The CEL may reset automatically if the cap was simply loose.
3. **Replace Cap:** If the CEL persists after re-tightening, or if the cap shows visible damage (e.g., cracks, worn gasket), consider replacing the fuel cap with a new one. A faulty cap may not provide an adequate seal, triggering the CEL.

8. SPECIFICATIONS

Attribute	Detail
Part Number	77300-06040, 77300 06040, 7730006040, 10834, 31832
Brand	Generic
Manufacturer	Generic
Model Number	6991705063763
Material	ABS Plastic
Placement on Vehicle	Fuel Tank Cover Cap
ASIN	B0CSYZ3HM2
Date First Available	January 22, 2024

9. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for this Generic Fuel Tank Gas Cap Assembly, please refer to the seller's policies or contact the retailer from whom the product was purchased. Keep your purchase receipt as proof of purchase.