^> DOMETIC

HOT PRODUCTS COOKTOP



Manifold Bolt Replacement

Service Kit Instructions

USA & CANADA

Service Office Dometic Corporation 5155 Verdant Drive Elkhart, IN 46514

Service Center & Dealer Locations

Visit: www.dometic.com/ support

Cooktop Models	Service Kit Number
R31	57725
S31	

Kit Contents	Description
57722	Threadlocker bolts (qty. 4)
50467	Range and Slide-In Installation and Operation Manual

1 Explanation of Symbols and **Safety Instructions**

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries.

1.1 Recognize Safety Information



This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

1.2 Understand Signal Words

A signal word will identify safety messages and property damage messages, and it will indicate the degree or level of hazard seriousness.



WARNING

This indicates a hazardous situation that, if **not** avoided, could result in death or serious injury.

NOTICE: Used to address practices **not** related to physical injury.

Recommended Tool List

Dometic Corporation recommends that the following tools be used while replacing the manifold bolts.

Recommended Tools and Materials	
Square Bit Driver	5/16 in. Socket Wrench
Torque Wrench	ATEQ Leak Tester

Replacement



WARNING: FIRE AND/OR EXPLOSION HAZARD.

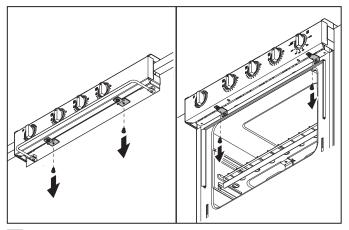
Turn off the gas supply before replacing. Failure to obey this warning could result in death or serious injury.

This section describes how to remove the cooktop to access and replace the factory-installed manifold bolts with bolts that contain a thread locking agent.



3.1 Remove the Cooktop

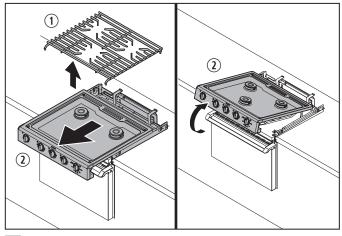
NOTICE: Do **not** remove the cooktop by pulling on the grate. Otherwise, damage to the cooktop could occur.



1 Remove the Cooktop Screws

To remove the cooktop, do the following:

1. Using a square bit driver, remove the two screws securing the cooktop brackets.



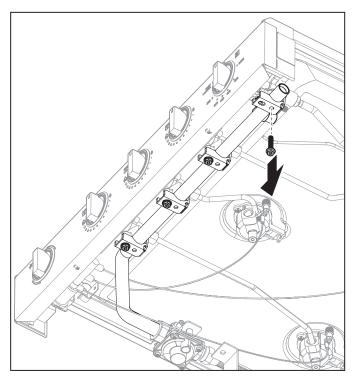
2 Remove the Cooktop

(1) Grate

- 2 Cooktop
- 2. Remove the grate.
- 3. Pull the cooktop forward and lift. Recommend using a sturdy prop or a second person to hold the cooktop open.

3.2 Replace the Manifold Bolts

NOTICE: Do **not** remove all four manifold bolts at once. Otherwise, damage to the manifold could occur.



3 Replace the Manifold Bolts

To replace the manifold bolts, do the following:

- 1. Using a socket wrench, remove each manifold bolt one at a time and replace with a threadlocker bolt.
- 2. Torque each threadlocker bolt to 15-20 ft-lbs.
- 3. Once all four manifold bolts are replaced, leak check the manifold and the valve connection using an ATEQ leak tester at 1.5-1.7 psi.
- You can also leak check by spraying the area with a mixture of soap and water and ensuring there are no bubbles after 1 minute.
- 4. Reassemble the cooktop by doing the following:
 - a. Lower the cooktop to the base and push to slide into place.
 - b. Secure the cooktop brackets with the two screws.
 - c. Replace the grate.

4 Disposal



Place the packaging material in the appropriate recycling waste bins, whenever possible. Consult a local recycling center or specialist dealer for details about how to dispose of the product in accordance with all applicable national and local regulations.

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