



GENUINE ACCESSORIES

# INSTALLATION INSTRUCTIONS

## PART NUMBERS:

0000 8R L20 4-dr; BBM4-V4640 (Chrome)

0000 8R L21 5-dr; BBN9-V4640 (Chrome)

## APPLICABLE MODELS:

2010>Mazda3

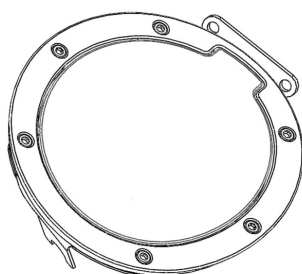
## Fuel Door

### PACKAGE CONTENTS

MARKET	LABEL
U.S.	N/A
MAZDASPEED	PREMIUM FUEL
OTHER	GAS & DIESEL



Installation Instructions (QTY. 1)

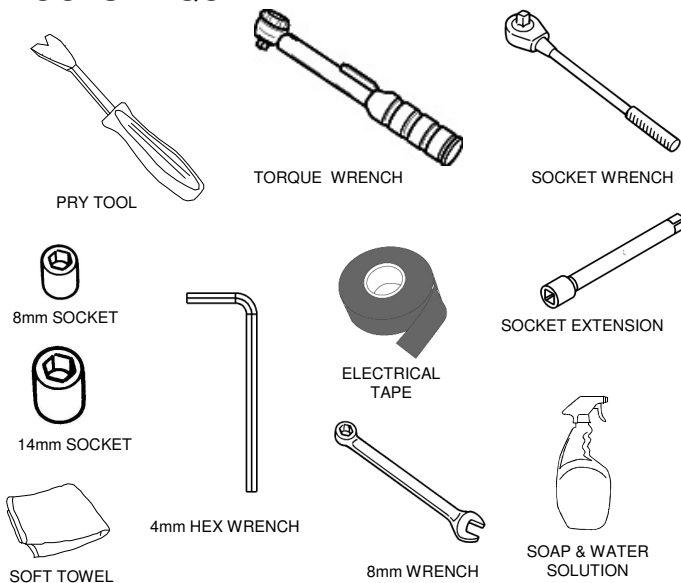


FUEL DOOR ASSEMBLY (QTY. 1)



REPLACEMENT TREE (QTY. 1)

### TOOLS REQUIRED



## 0 BEFORE INSTALLATION

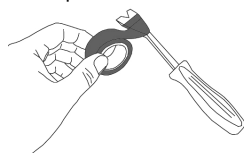
1. READ ENTIRE INSTRUCTIONS BEFORE PROCEEDING.
2. BE CAREFUL NOT TO SCRATCH THE CAR'S PAINT WHILE INSTALLING THE FUEL DOOR.
3. MAKE SURE TO KEEP THE FUEL CAP ON DURING THE ENTIRE INSTALLATION PROCESS

#### SERVICE KITS:

**BOLT KIT**            0000-8R-H20  
**BUMPER KIT**        0000-8R-D10A

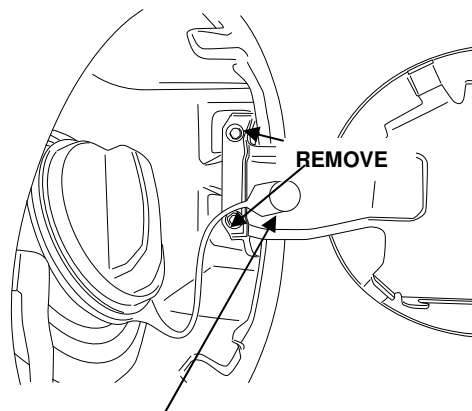
## 1 DETACH TETHER

Open fuel door lid. Keep fuel cap on to prevent bolts from falling down the fuel pipe. To prevent scratching OE fuel door, wrap electrical tape around pry tool as shown. Use pry tool to detach tether (be careful not to break it) at location shown in step 2.



## 2 REMOVE OEM FUEL DOOR

Using an 8mm socket wrench remove the two bolts holding on the fuel door. Save the bolts for re-assembly. Use a soft towel with soap and water to clean the fuel door pocket.



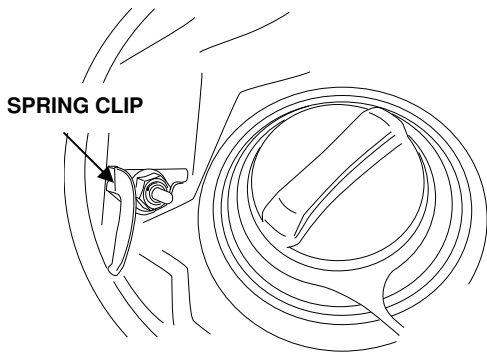
DETACH HERE

**NOTE: IF TETHER TREE BREAKS, REPLACE WITH SUPPLIED TREE.**

**NOTE: DO NOT DISCARD THE TWO BOLTS REMOVED. THEY WILL BE USED LATER DURING THE INSTALLATION**

### 3 REMOVE THE OEM FUEL DOOR SPRING

Using the 14mm socket wrench, remove the nut and rotate spring clip counter clockwise to remove from plunger assembly.

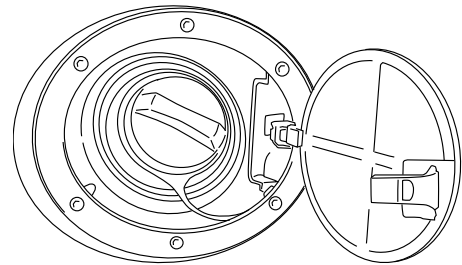
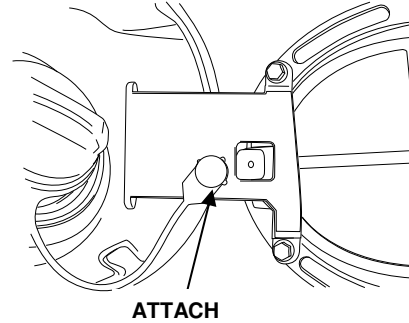


**NOTE:** DO NOT DISCARD NUT, IT WILL BE USED LATER. THE SPRING CLIP THAT WAS REMOVED WILL NO LONGER BE NEEDED.

PLACE IN BOX WITH FACTORY FUEL DOOR.

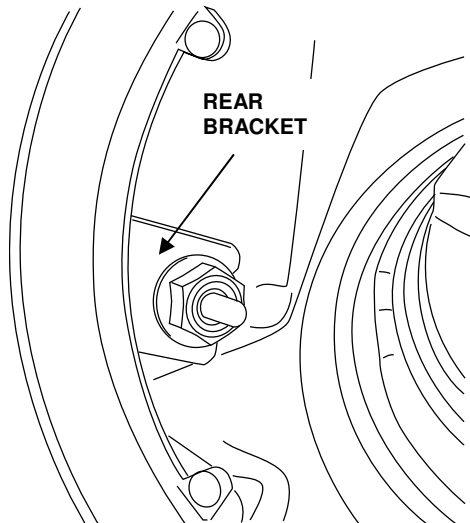
### 4 ATTACH TETHER

Attach tether onto front bracket. Carefully insert the front bracket into the fuel pocket opening.



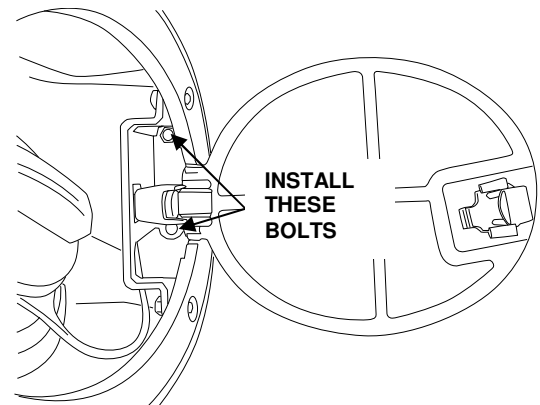
### 5 LOOSELY SECURE THE REAR BRACKET

Guide the rear bracket and align the bracket with the plunger housing. Hand-tighten the bolt, to allow the fuel door assembly to be adjusted later.



### 6 ATTACHING THE FUEL DOOR

Secure using the two bolts removed previously. Do not tighten the bolts at this time. Allow the bracket to shift freely.



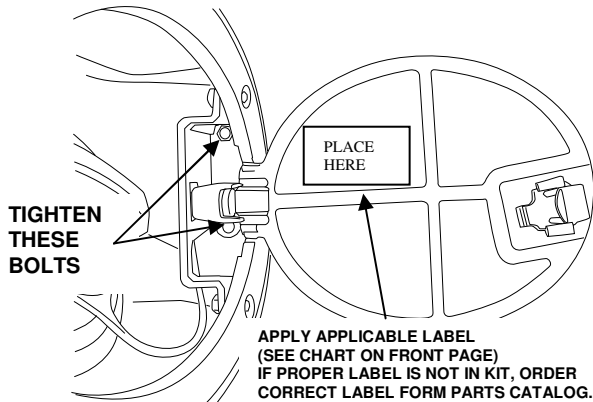
**HINT:** To prevent bolt from falling off socket, place a small piece of electrical tape over socket opening before inserting bolt into socket.

## 7

### SECURE FRONT BRACKET

**NOTE: THE DOOR CAN ROTATE SOME AT THIS POINT, SO TRY TO KEEP THE FUEL DOOR SURFACE ALIGNED WITH THE CAR'S SHEET METAL SURFACE WHILE ADJUSTING THE ALIGNMENT (SEE: DETAIL OF SURFACE ALIGNMENT).**

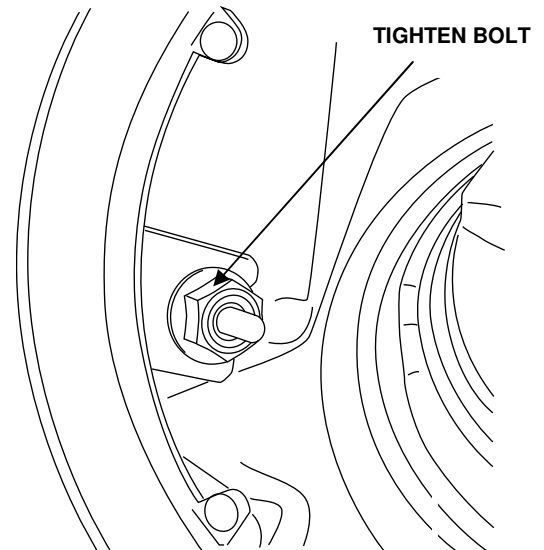
Position the front bracket such that once tightened the fuel door assembly will be positioned symmetrically within the sheet metal and making sure there will not be a step between the sheet metal and fuel door surfaces. Once a good location is determined tighten the two bolts to a torque of 5.1 N-m (45 in-lbs).



## 8

### SECURE REAR BRACKET

Align the fuel door's surface with the car's sheet metal surface so there is no step between the two surfaces (see: Detail of Surface Alignment). Once aligned tighten the bolt to a torque of 4.0 N-m (35 in-lbs).



## 9

### ALIGNMENT OF THE FUEL DOOR

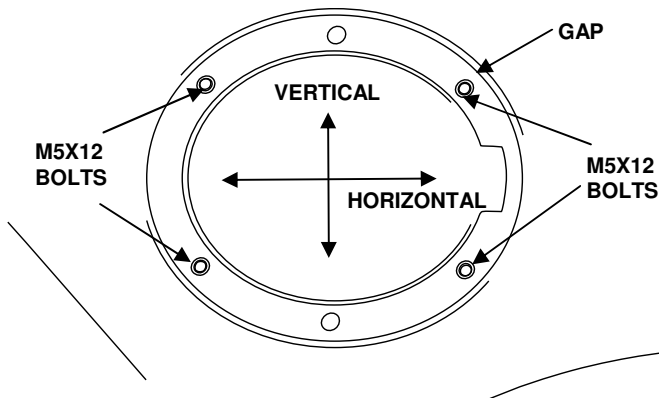
Inspect the gap between fuel door ring and vehicle sheet metal. This gap should be equal around the perimeter. The surface of ring should also be flush with vehicle sheet metal. If not, align fuel door as follows:

1. Using 8mm & 14mm sockets loosen 2 front bolts & 1 rear nut
2. Reposition door then tighten to torque noted above

If gap not equal around perimeter, align fuel door as follows:

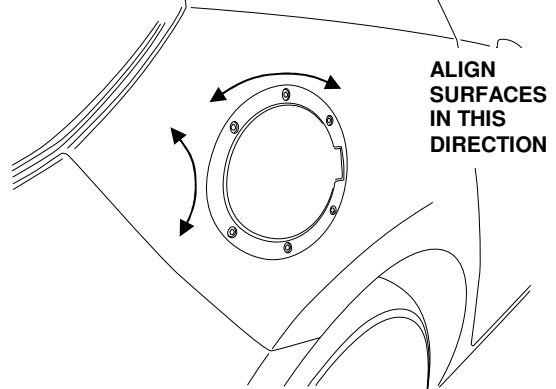
3. Using an 8mm wrench and a 4mm hex tool loosen the 4 M5x12mm bolts
4. Reposition the fuel door and tighten all bolts to a torque of 1.7 N-m (15 in-lbs)

**CAUTION: Bolts are made from aluminum which can strip or break easily. Do not over tighten bolts!**



Re-inspect general appearance of fuel door to make sure nothing has shifted during tightening of bolts. If shifting occurred, repeat above procedure to realign door.

### DETAIL OF SURFACE ALIGNMENT



## 10

### FINAL INSPECTION AND CLEANING

- 1) Firmly grasp the fuel door's ring to make sure the assembly is securely fastened to the car.
- 2) Check for proper function of:
  - a. Fuel door lock release
  - b. Opening and closing of fuel door
- 3) Use a soap and water solution with a soft towel to wipe any fingerprints and grease away from the fuel door and car's paint.
- 4) Put removed parts in Fuel Door, and Instructions in the Box and place in trunk.
- 5) Complete Inspection Sheet.

**INSTALLATION  
INSPECTION  
SHEET**

**MAZDA 3**

**ALLOY FUEL DOOR**

BBM4-V4640 / 0000 8R L20(4dr)

BBN9-V4640 / 0000 8R L21(5dr)

**Inspection after installation**

- Inspect the installed / reinstalled parts for the following items.

Inspection Parts	Check Item (O)			
	Clearance/Fit	Scratches/Dirt	Installation/ Engagment	Operation check
Fuel Door Ring	○	○	○	
Fuel Door Lid	○	○	○	○
Rear Body Panel	○	○	○	
Snap Hook	○		○	○
Front Bracket	○	○	○	
Rear Bracket	○	○	○	
Fasteners	○		○	
Tether/Tree			○	

**Important check items**

- Inspect the installed / reinstalled parts for the following items.

Page No.	Part name	Tightening torque	Check & write the tightening torque	Person in charge
Front Bracket Installation Step 7 (pg. 3)	Bolt	5.1-5.4 N•m	N•m	
Rear Bracket Installation Step 8 (pg. 3)	Nut	4.0-4.4 N•m	N•m	
Fuel Door Adjustments Step 9 (pg. 3)	M5 Bolt M5 Nut	1.5-1.7 N•m	N•m	

Installation inspection sheet for Fuel Door

Date:		
VIN:		
Approved	Checked	Person in charge

The term of validity for this sheet: 12 months