

SERVICE CAMPAIGN BULLETIN

CAMPAIGN REF : 024
TITLE : Replacement of fuel filler neck gasket and bolts
DOCUMENT # : 11 A 016

SITUATION : Quality Engineering at McLaren Automotive have updated the fuel filler neck gasket along with three bolts securing the fuel filler neck in place.

PROCEDURE : It is necessary to replace the fuel filler neck gasket and three M6 x 16 bolts securing the fuel filler neck in place by following the process outlined below:

Care point: Fuels are highly flammable and toxic if inhaled. Fuel vapours are explosive, invisible and spread out at floor level. This vapour is poisonous when inhaled and has an anaesthetising effect in high concentrations. Fuel can damage the skin; for example skin is degreased when it comes into contact with gasoline fuel.

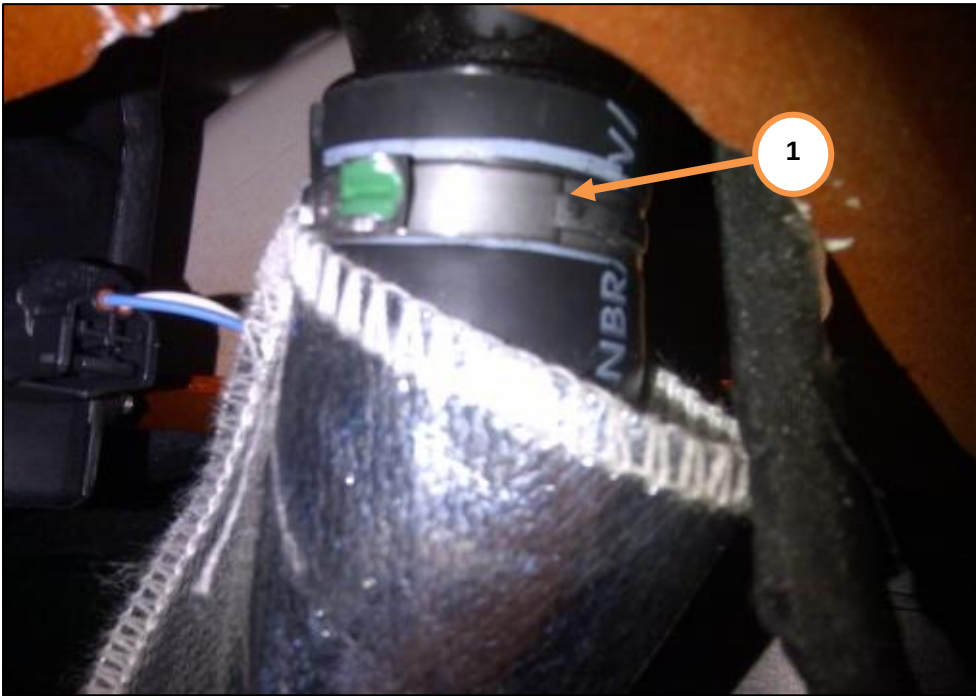
- Keep fuel away from fire, open light or ignition sources.
- Ensure the work place is adequately ventilated.
- Never drain or pour fuels over assembly pits.
- Store drained fuel in a suitable and sealed vessel.
- Immediately eliminate any fuel that has flowed out.
- Never conduct this work on a vehicle near open flames (e.g. if welding is being performed in the vicinity).

Care point: Ensure a side window is left open on the vehicle when leaving an electronic key in the car.

1. Leave vehicle unlocked with the fuel filler flap open and the electronic key inside of the vehicle.
2. Please refer to A-RM-02A04-04-009 - Lift vehicle on lifting platform.

REMOVAL :

1. Please refer to A-RM-03B03-01-001 - Remove/Install wheel - left rear
2. Please refer to A-RM-02A02-03-001 - Remove/install wheel arch liner – left rear.
3. Using a small flat screwdriver loosen and remove 37.6mm Oetiker clip on fuel filler neck. Unplug the fuel filler hose from the fuel filler neck as shown in the following image (1).



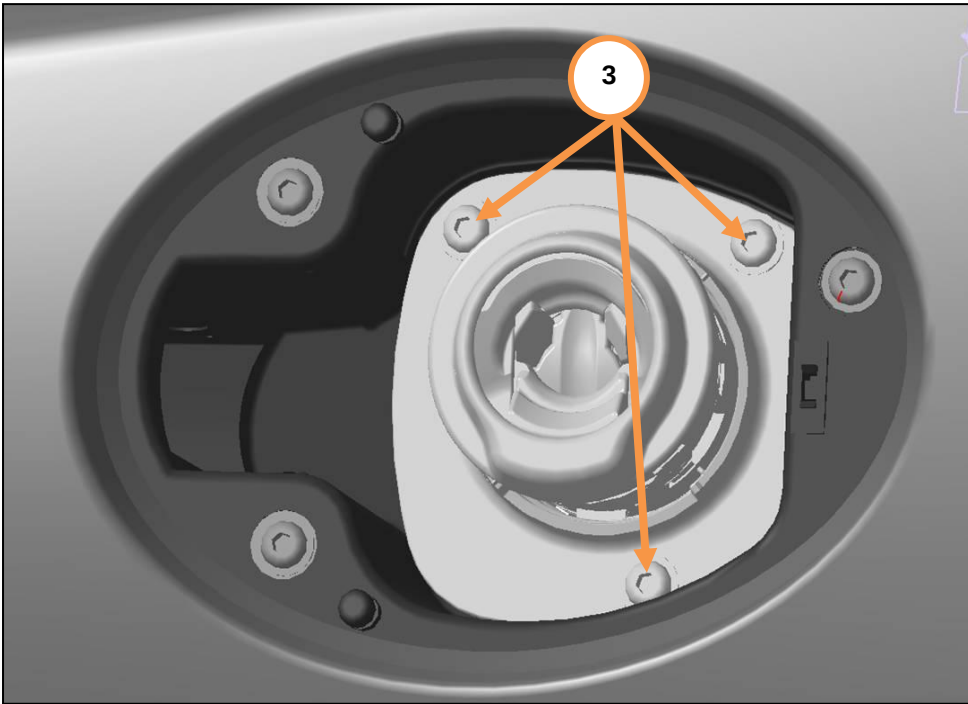
Care point: Care must be taken when removing this clip not to damage the vent hose.

4. Using a small flat screwdriver loosen and remove upper 15.7mm Oetiker clip on the fuel vent hose (2).



Care point: Please be aware the **M6 x 16** bolts are to be replaced with new bolts that include a blue lock patch.

5. Remove **M6x16** bolts (3) on the fuel filler neck.

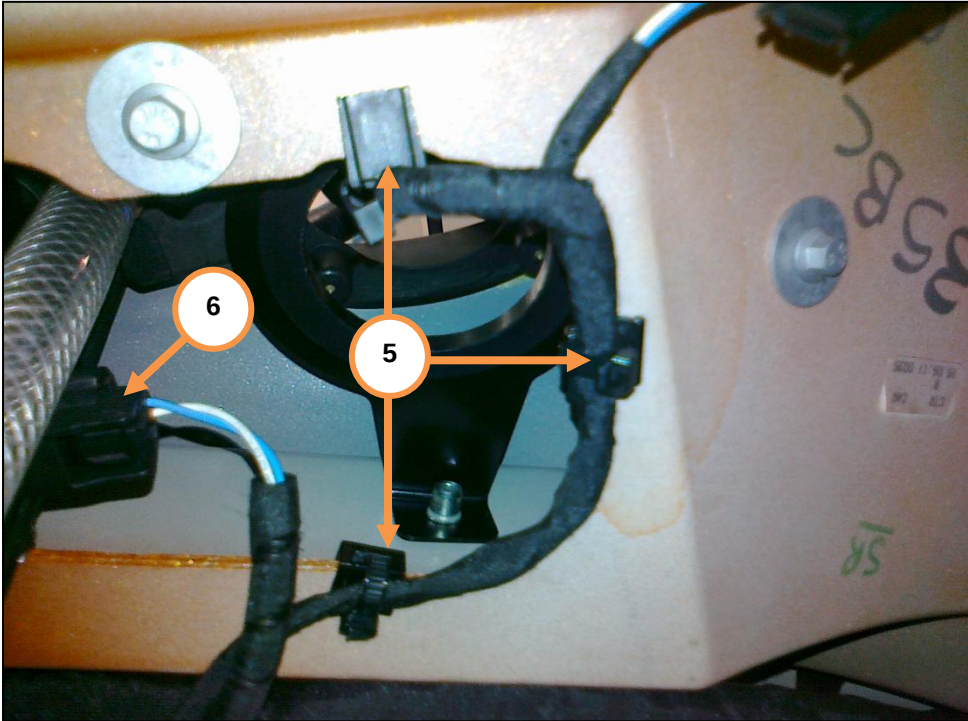


Care point: It is necessary to take care not to damage the earth strap when lifting the fuel filler neck.

6. It should now be possible to gently lift the fuel filler neck away from the fuel bowl. The earth strap will still be connected (4).



7. In order to remove the earth strap wire McLaren Automotive recommend the connection should be unclipped from the underneath of the bodyside rear panel (5) with the solenoid loom unplugged (6). This will allow more length on the earth strap when lifting the filler neck to unclip. The fuel filler neck can then be removed completely.



8. Remove the old gasket from the fuel filler neck assembly (7).



9. It is necessary to replace the gasket that was removed from the fuel filler neck assembly with the new variant supplied. The new gasket is made from a noticeably thicker material.



10. Fit the new gasket to the fuel filler neck (14) and push upwards so that it sits just under the lip of the filler neck.



INSTALLATION :

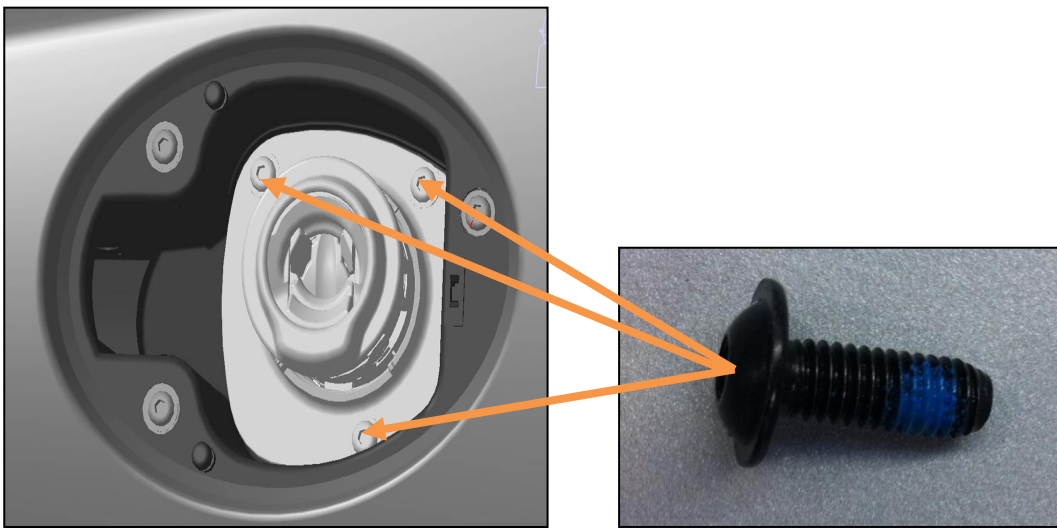
Care point: When refitting the earth connection it is necessary the fixings are correctly located in place.

Care point: Use a new 37.6mm Oetiker clip on fuel filler neck ensuring full engagement to the spigot. Using Oetiker pliers crimp the clip.

Case point: Use a new 15.7mm Oetiker clip on fuel vent hose ensuring full engagement to the spigot. Using Oetiker pliers crimp the clip taking care not to damage the pipe.

Care point: When installing the fuel hose ensure that no contaminants are present. Degrease the affected area and secure hose.

Care point: When installing the fuel filler neck. Ensure that the new **M6x16 3Nm** bolts with the blue lock patch are used.



11. Install all components removed in reverse order.

12. Apply a yellow sticker to the fuel filler swan neck (8) in order to provide a visual confirmation that the work has been performed.



13. Please contact your Regional Aftersales Manager should you have any queries relating to the information contained within this bulletin.
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WARRANTY INFORMATION

DESCRIPTION	RESOLUTION CODE	TOTAL REPAIR TIME
Fitment of fuel filler neck gasket and bolts	BOK10311A11C1T02	0.70

PARTS INFORMATION

PARTS DESCRIPTION	PART NUMBER	QUANTITY	ORDER PROCESS
Fuel Filler Neck Gasket	11K0189CP	1	Free issue
Bolt – Lock Patch – M6x16	00RA238CP	3	Free issue