



MODEL

G12 PHEV (740e xDrive)

SITUATION

Rattling noise is noticed coming from the area of the luggage compartment.

CAUSE

Fuel line is vibrating and coming into contact with the fuel tank.

CORRECTION

Verify source of rattle and install damping strip.

PROCEDURE

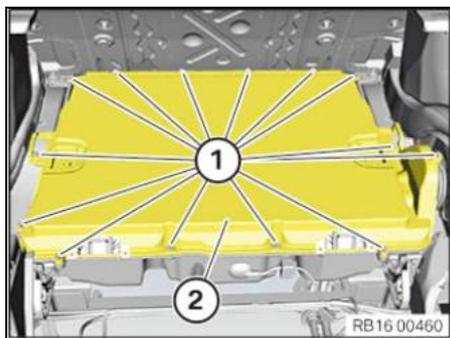
For conditions that are similar to the situation described:

1. Verify the noise is coming from under the center of the luggage compartment.
2. Remove the luggage compartment trim panels (following the attached REP 16 11 030, "G12 PHEV Remove and install fuel tank") to access the fuel delivery module, on top of the fuel tank.



NOTE: The fuel tank does not have to be removed from the vehicle's luggage compartment

to perform this repair procedure.



3. Remove the housing cover of the fuel tank. Loosen the screws (1) and remove the housing cover by lifting up.



Installation Note: Screws may be reused.



4. Locate fuel line at the front of the tank that is rattling.

5. Install a damping strip (part number 16 11 7 297 317) on tank underneath fuel line.



6. Run vehicle at standstill (idle to maximum 2500 rpm) to verify effectiveness of damping strip.

PARTS INFORMATION

Part Number	Description	Quantity
16 11 7 297 317	Damping strip (60x30 mm)	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

Defect Code:	1612023900	
Labor Operation:	Labor Allowance:	Description:
51 47 243	Refer to KSD2	Removing and installing all luggage compartment trim panels (Main work)
Or:		
51 47 743	Refer to KSD2	Removing and installing all luggage compartment trim panels (Plus work)
And:		
16 99 000	2 FRU	Work time for insulating the fuel line at the delivery module

If you are using a Main labor code for another repair, use the Plus code labor operation 51 47 743 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 16 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.