

**Loose or Damaged M8 Threaded Inserts for the Protective Panel Below Engine**

**Vehicles Affected**

Model	Model Year	Model Type	VIN Range	Vehicle-Specific Equipment
918 Spyder	2015	918	All	N/A

**Revision History**

Revision	Release Date	Changes
1	April 10, 2018	Original document

**Condition**

Loose or Damaged M8 Threaded Inserts

**Technical Background**

The protective panel below the engine is actually an integral part of the rear CFRP monocoque. The rear suspension must never be laden without this panel properly installed and at least the eight M8 fasteners installed and tightened to specification (see Figure 1).

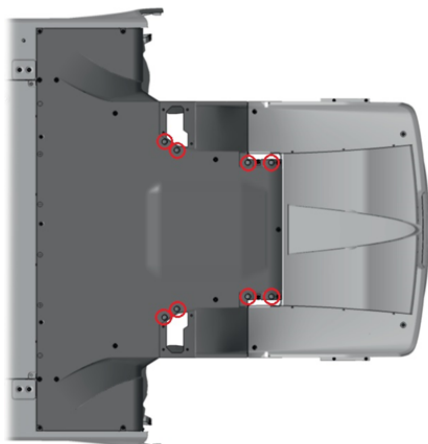
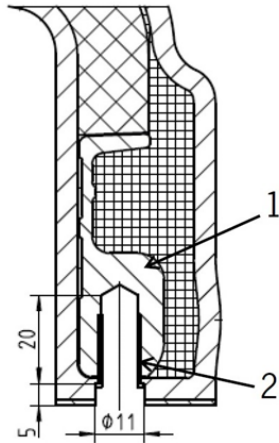


Figure 1: Protective panel below the engine, M8 fasteners indicated

The threaded inserts for these M8 fasteners are recessed 5mm below the surface and thread into aluminum extrusions encapsulated within the structure of the CFRP monocoque; not the CFRP structure itself (see Figure 2).

Technical Background (continued)



- 1. Aluminum Extrusion
- 2. Threaded Insert

Figure 2: Cross section CFRP the structure

Service Information

If one of the M8 threaded inserts is discovered damaged or loose, please submit a TLAR in the PTEC system with a detailed description along with photos before attempting a repair. The photos must be sharply focused and clearly show both the insert and the entire bored hole within the structure. Only one standard repair attempt is often possible and the Technical Hotline will advise the best course of action.

Search Items

Insert; Threaded Insert; M8; Tyme-Sert

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