

Blue Print ADBP250046

To fit:

Toyota Prius ZVW30 & ZVW35 models

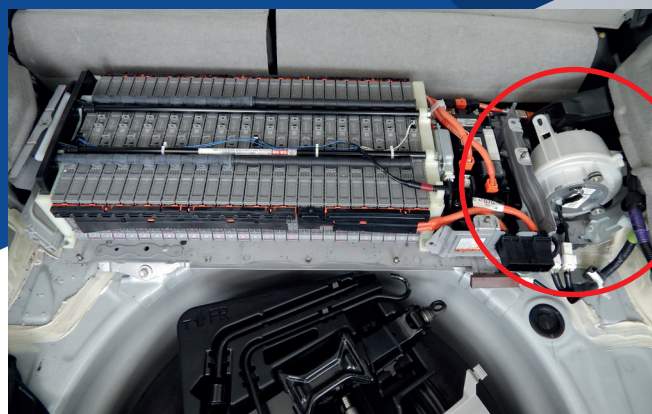
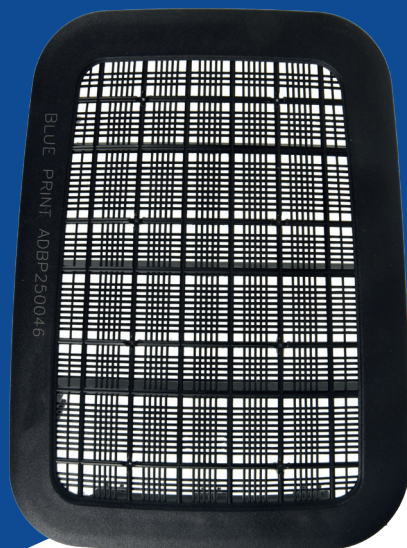


Figure 1.

Cabin Filter for traction battery compartment

Problem

The hybrid traction battery cooling fan is inoperative or provides poor cooling output.

The high-voltage battery pack is overheating. Fault codes POA82 or POA84 are logged in the battery cooling fan control module.

Cause

The most common cause of this problem is the cooling fan becoming blocked by a build-up of dirt and dust from the interior air intake located to the right of the back seat.

The Prius models mentioned above do not have an intake air filter for the high-voltage battery cooling fan fitted as standard. Instead, the fan itself becomes the filter. The fan is located upstream of the battery and collects particulates over time. (Fig.1)

Solution

Inspect the battery cooling fan for excess debris. Take off the luggage compartment flooring and right-side trim panel to gain access to the fan module, then remove it from the vehicle and inspect.

Using a vacuum cleaner and compressed air, clear away any dust, lint or debris build-up from the hybrid battery cooling fan blades, control module and air ducts of the hybrid battery cooling system.

Reinstall the hybrid battery cooling fan assembly and verify its normal operation. Repeat this procedure every 15,000 km if the vehicle is used by a lot of back-seat passengers (taxi) or is used regularly to transport pets such as cats and dogs.

It is recommended to install Blue Print filter ADBP250046, which clips over the interior air intake to reduce the build-up of dirt and dust from the interior to the cooling fan. Therefore, reducing the risk of the battery overheating and premature failure.

For more technical information please visit: partsfinder.bilsteingroup.com