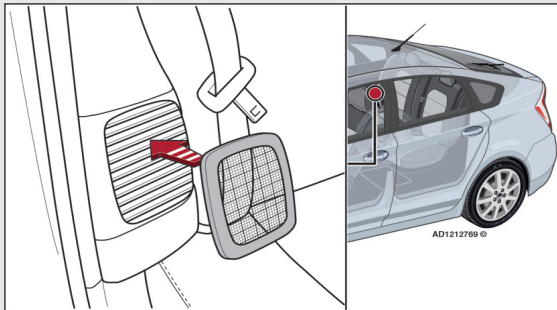


Toyota Prius: Hybrid warning and engine malfunction light on

Question: We are having difficulty diagnosing some faults on a 2013 Toyota Prius. The hybrid drive system warning lamp and engine malfunction indicator lamp (MIL) are illuminated. Also, the hybrid battery pack is overheating. We are not hybrid vehicle specialists and we are reluctant to get too involved in repairing this car. Do you know of any possible repairs we could carry out to fix this car?

Answer: Yes, we are aware of a fault which affects Toyota Prius models produced from 2013. While the fault can be corrected by a competent technician, we strongly advise that all personnel working on hybrid vehicles are suitably trained to carry out the necessary operations. When working on high voltage circuits and components, ensure all safety



related guidelines are adhered to. We also recommend that the high voltage battery pack is disconnected/isolated.

From the symptoms you have described, the fault is likely to be due to foreign objects and/or debris in the hybrid battery pack cooling fan that is reducing or stopping the air flow. Remove and clean the hybrid battery pack cooling fan. Replace the hybrid battery pack cooling fan if necessary. To prevent recurrence of the fault, fit a

hybrid battery pack air intake aperture filter (see figure 1). Check the operation and condition of the hybrid battery pack and replace if necessary.