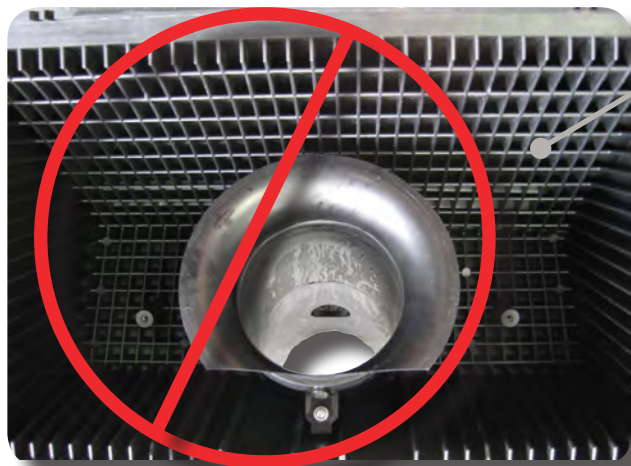


## **2004-2011 RX-8** ***INTERMITTENT IDLE DIP OR WANDER DURING EXTENDED IDLE***

During extended idle periods, the engine rpm may occasionally drop 200 rpm and then recover to normal idle. This occurs after engine warm-up and idling for more than 5 minutes. The concern may repeat every 2-5 minutes. DTC P0111, IAT sensor circuit range/performance problem, may or may not set. This concern is intermittent and may be difficult to duplicate.

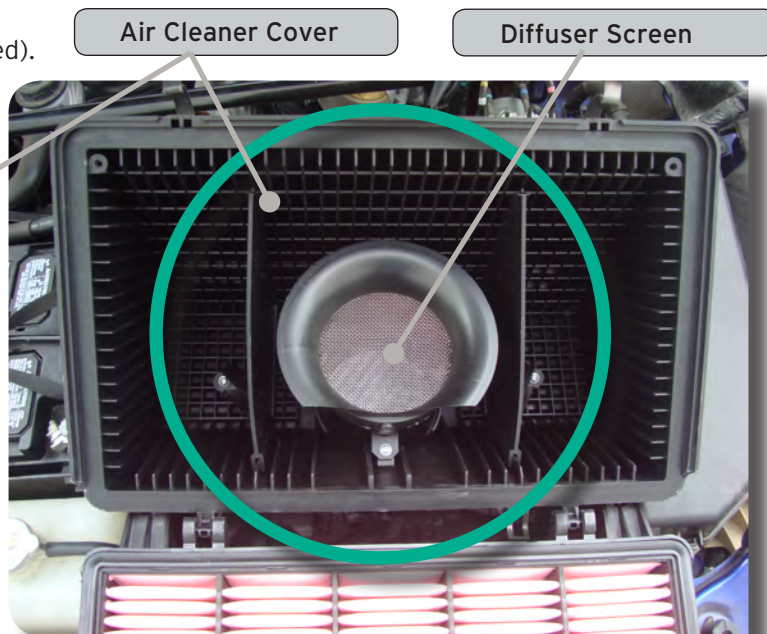
### **Procedure**

1. Remove the engine air cleaner cover.
2. Check for a modified air flow diffuser (screens removed).
3. If modified, replace the engine air cleaner cover.



**NG**

**Air Flow Diffuser Modified  
(diffuser screens are missing)**



**OK**

### **Warranty Compliance Note:**

Replacement of the air cleaner cover because of a modified air flow diffuser is not covered under Mazda's warranty policy.