



Technical Service Bulletin

Technical Service Bulletin: TSB180005	Released Date: 15-Jan-2018
Hunting and Fault Code 58 Shutdowns on HGJAA and HGJAD Generator Sets	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- HGJAA Spec J-K, with a 2017 or January 2018 serial number (x170xxxxxx or A180xxxxxx)
- HGJAD Spec J-K, with a 2017 or January 2018 serial number (x170xxxxxx or A180xxxxxx)

Issue

Symptom:

- Hunting during cold startups, generally in areas with cooler ambient temperatures
- In some cases, the generator set will hunt until it shuts down on fault code 58 – Exhaust Gas Temperature Shutdown.
- The issue sometimes corrects itself once the generator has warmed up, but the issue will likely return during the next cold startup of the generator.

Root Cause:

- The root cause of the issue has not been identified yet. However, replacing the throttle body with a “green marked” throttle body has shown to be the most successful way to correct the issue.

Verification/Confirmation

This TSB only applies to HGJAA and HGJAD generator sets with a 2017 or January 2018 serial number (x170xxxxxx or A180xxxxxx). Generators that fall into this range of dates may have a suspect throttle body. Verify that the serial number falls within this date range.

Not all units built in this date range are affected by the issue, so it is important to verify that

the generator set is hunting and/or shutting down on fault code 58.

Resolution

Follow the proper troubleshooting steps given in the service manual to identify the root cause. If the root cause cannot be identified, the throttle body may need to be replaced. If necessary, order a new throttle body. It is important that the new throttle body has a “green mark” on the top of it. This is explained in greater detail in the Part Identification section below.

Service Parts Availability

Service parts are available. See Table 1 for part numbers.

Table 1, Service Parts				
Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
Throttle Body Assembly	146-0782	Yes	Yes	146-0782-S0
Throttle Body Assembly	146-0782-S0	No	No	-
Throttle Body	146-0850	No	No	-

Part Identification

The new throttle body should have a green number or a green dot clearly marked on the top of the piece. An example of the “green mark” can be seen in the picture below.

Please note that a green dot near the date code of the throttle body **is not the same** as the “green mark” on top of the piece. It is important to verify that the marking on the new throttle body looks similar to the picture below.

SORRY THIS IMAGE
IS CURRENTLY NOT
AVAILABLE

Figure 1, Green Marked Throttle Bodies

Document History

Date	Details
2018-1-12	Module Created

Last Modified: 15-Jan-2018
