

TOPIC: Electronic Controls
IDENT NO: 17-4117
DATE: October 2019
SUPERSEDES: New

VHP* / VGF*

SUBJECT: Improved O2 Sensor Available

MODELS AFFECTED: VHP AFR2 Engines and VGF SE Engines

The purpose of this bulletin is to inform the field that an improved O2 sensor (P/N A740132A) is now available which is functionally identical to the previous sensor but offers improved sensor life in the VHP AFR2 and VGF SE applications.

NOTE: The new O2 sensor is:

- A drop-in replacement for the pre-catalyst oxygen sensors for ESM and ESM2 engines with no controller software updates required
- Compatible with all engines that use the P/N A740132 sensor (with or without SRF-781 upgrade)

SRF-781 CONVERTER UPGRADE

Customers may use either the previous P/N A740132 or new P/N A740132A O2 sensors with no impact on performance or sensor life.

INNIO Waukesha recommends leaving the SRF-781 converter box installed.

NOTE: If the SRF-781 converter box is removed, the ECM control will require reprogramming.

After the ECM control is reprogrammed, a new ECM P/N label will be installed (see Figure 1).

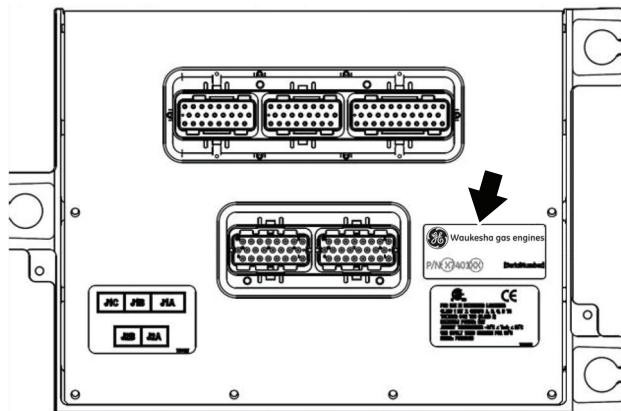


Figure 1: ECM Control Part Number Label Location

If you have stock of the P/N A740132 sensor, it is recommended that this be applied to ESM2 engines or engines that have the SRF-781 converter box applied.

Previously, a 24V to 12V converter box known as the SRF-781 was supplied to customers experiencing issues with sensor life. On engines with the SRF-781 upgrade:

- Customers may use either the previous P/N A740132 or new P/N A740132A O2 sensors with no impact on sensor life
- INNIO Waukesha recommends leaving the SRF-781 converter box installed

On engines that have not had the SRF-781 upgrade applied:

- There is no need to install the SRF-781 converter box, just use the new sensor (P/N A740132A)

VGF SE ENGINES

INNIO Waukesha recommends updating all VGF SE engines with the new P/N A740132A sensor.

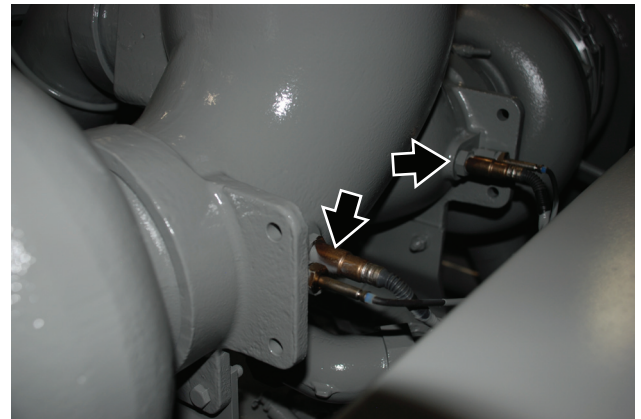


Figure 2: O2 Sensors

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