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Operation Alert #: 194

ISSUE DATE: March 5, 2024

Compliance: Mandatory

MODEL AFFECTED: S-19, S-20 & S-21

Subject:

It has been reported that a muffler (KPEX0071), the exit for the tailpipe was restricted due to the perforated pipe not being removed where the exit pipe is welded to it. This restriction leads to high EGT's, excessive back pressure and loss of performance.

Compliance:

Inspection of the muffler canister part number. KPEX0071 is required to assure the removal of the perforated tube has been removed at the main exhaust exit. To inspect: remove the exhaust exit pipe from the muffler canister and illuminate and inspect. There should be no perforated tubing where the exit pipe is welded to the perforated tube. A tape measure or ruler should insert approximately 3 3/8" (85+mm) deep into the muffler canister. If there is a perforated tube present near the exit surface, remove using a hole saw or a Dremel or similar tool. A significant increase in performance will be noted once the restriction is removed.



This image depicts the restriction. Note how you can see the exterior curvature of the perforated tubing.



This is an image of a muffler that is correct. Note how the perforated tubing is cut away where the exit pipe joins the perforated tube.



This measurement depicts the depth of the perforated tubing on a correct installation.

Thank you for your attention to this matter. Hopefully, we have not inconvenienced you to any great degree.
Fly safe