

Model: Alon Model A2**Serials:** A-2 through A-226**Subject:** RH Exhaust Stack Failures

A few reports have been received of exhaust stack breakage or cracks having developed in the RH exhaust stack (P/N A40703). In most cases routine inspections have revealed these cracks, however, the possibility exists that these cracks can go undetected unless the heat muff is removed for a more complete inspection.

It is recommended that within the next twenty-five (25) hours the heat muff be removed and the welded areas around the stack junctions and at the cylinder attach flange be closely inspected.

If the above inspections have revealed no breakage or cracks, then it is recommended that subsequent inspections be conducted at a minimum of one hundred (100) hour intervals.

A new design RH exhaust stack and heat muff* (P/N A40713-5 and A40713-7) has been developed that eliminates the problems associated with the original exhaust stack and is interchangeable. In conjunction with the new stack, a flexible engine mount to exhaust stack clamp (P/N F40400-89) is utilized on both the RH and the LH exhaust stacks. These clamps replace the spreader bar (P/N F40400-86) and the tension spring may be used with the original exhaust stack.

It is recommended that the spreader bar and the tension spring or any other rigid means of support for the lower ends of the exhaust stack be removed and replaced with the flexible clamp assemblies in order to extend the service life of the exhaust stack.

The following parts, as mentioned above, may be obtained from the Alon Parts Department:

A40713-5	"New" RH Exhaust Stack
A40713-7	Carburetor Heat Muff Assembly
F40400-89	Flexible Clamp Assembly with attaching Hardware (2)
E.O. 6116A*	Carburetor Heat Muff Rework Instructions

*The existing carburetor heat muff assembly (P/N A40708) may be reworked per E.O. 6116A in order to fit the "New" RH exhaust stack.