

Transamerica
Delaval



MENU

Transamerica Delaval Inc.
Engine and Compressor Division

INTER-OFFICE CORRESPONDENCE

To: R Pratt

Date: 4/1/81

CC G E Trussell

K Becker

L Block

E Dobrec

From: Towney

Subject: Cylinder Block Casting - RV'S

~~In the past, several problems experienced with the current RV-4 production blocks, such as cracking around the liner seats, it has been decided to use the RV-5 blocks for production RV-4 units. We now use the outside of the RV-5 block, but the inside of the RV-4 block. This new decision will result in thicker walls, deeper stud bosses, and a savings of \$2900 on each casting transferred into the machine shop. However, it is desired to modify the casting by adding 1/2" of iron in the water cavity under the liner seat, to get more shear area. A 30° O ring exit chamber must be machined, not ground, on the bottom edge of this bore, starting from the existing location on the bore. Please make a new drawing of the block, using the RV-5 casting, but the RV-4 drilling. Use 2" head studs but tapped to the RV-5 depth, with 1 1/2 diameters of thread engagement. The block stud tapping C'bore should allow 1-2 threads above the last thread on the stud. Please give me a print for review before release. Note longer head~~
3/72 studs are required.

Form C-1066-2

(new)

Thanks

MH Towney

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G PDR