Piston Locations for Kubota D1402 & V1902 Diesel Engines

The AERA Technical Committee offers the following information regarding the installed positioning for Kubota D1402 & V1902 Diesel engines. Different piston markings have been observed while disassembling the above mentioned engines. The piston location within the block on these engines is unique to a particular location.

Pistons have been marked with either a C or R on top of the piston. On the V1402 engine there should be two marked with a C and one marked with a R. The V1902 engine has two of each marking. Unless noted and recorded during disassembly, the correct installation location may be difficult to determine as physical differences are not apparent.

Refer to the graphic below to help determine the proper location during engine assembly. New pistons should also be marked with either a C or R on the piston top. An easy reference could be described as R pistons to the middle or C pistons to the ends.

(A) Markings on the piston head

[D1402-B] No 1 No 2 No 3
C R C

[V1902-B] No 1 No 2 No 3 No 4
C R R C

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