

AEROSTAR™

INTERNATIONAL, INC.
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AEROSTAR INTERNATIONAL, INC. SERVICE LETTER 104

2/17/93

Subject: *REGO 9107 Cylinder Valves and Valve Bonnet Replacements in REGO 9101 Series*

Applicability: *All REGO 9107 series valves which are used on all V-15, H-20 and V-23 Aerostar fuel cylinders and valve bonnet replacement kits for the REGO 9101 series used on Worthington 10 gallon cylinders as well as earlier H-20 tanks.*

Problem: *Tightening Torque During Normal Usage of 9107 Valves. The man-made insert piece, when subjected to excessively high closing torque, can jam in place. When opening the valve is attempted, the insert may deform or break, resulting in zero fuel flow, i.e. a failure in the closed condition.*

Discussion: *This letter discusses the REGO 9107 series valve, which is used on all V-15, H-20 and V-23 Aerostar fuel cylinders. This valve is characterized by the CGA-555 outlet fitting which is the external fitting requiring a wrench to tighten. Although all cylinders have been equipped with this valve since mid 1991, recent cylinders manufactured after April 1992 have come to our attention with regard to this valve. Rego began using a man-made material for the complete construction of the valve insert in 1992.*

The Rego valve is considered to be of the highest quality materials and design. The use of the man-made material is not considered to be detrimental to the function of the valve. When the operator uses excessive torque on this insert piece, it can jam in place.

In order to avoid this condition, please be aware that when closing the 9107 cylinder valve, as with any valve, do not use undue closing torque when accomplishing the task. Moderate pressure is all that is necessary when closing the valve, similar to the closing of a water faucet. Under normal circumstances, additional closing torque on the valve handle accomplishes nothing more than stressing the valve and its components.

All valve bonnet replacement kits for the 9101 series used on Worthington 10 gallon cylinders, as well as earlier Model H-20 tanks, will be subject to the previous recommendations as well.

Additional questions should be directed to Aerostar Customer Service.