



**TECHNICAL REFERENCE BULLETIN
RAFNA RAILGEAR**

ISSUE DATE: 5/26/2016

TRB NUMBER: TRB-
05262016

HAZARD / URGENCY RATING

X	DANGER - Physical harm is possible if TSB is not observed or followed
X	WARNING - Equipment damage is possible if TSB is not observed or followed
X	CAUTION - Essential issue affecting operation, service, parts or installation
X	INFORMATIONAL - Advisory which may be of interest

APPLICABLE EQUIPMENT:

All RAFNA railgear utilizing the S-002002 single po check valve.

SUMMARY:

It has come to our attention that some of these check valve are missing the valve piston that operates the check valve.

IMPACT:

If a bad check valve is installed in the hydraulic system it will not let the cylinder operate properly, do to fluid bypassing from one port to the other causing the hydraulic system to deadhead.

ACTION:

Inspect port U-2 visually for the valve piston on any S-002002 single po check valve shipped loose. Any gear shipped with the S-002002 valve installed will have to be removed to inspect for the valve piston.

Please see attached photos.

Contact RAFNA for replacements if needed.



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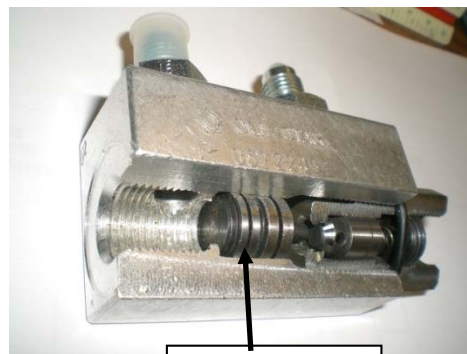
VALVE PISTON INSTALLED



VALVE PISTON MISSING



VALVE PISTON INSTALLED ON LEFT
VALVE PISTON MISSING ON RIGHT



VALVE PISTON