

REVISED PISTON DESIGN FOR THE MARK V FIRST STAGE REGULATOR

We have changed the design of the flow through piston, P/N 10-101-003, which is used on the following first stage regulators:

MARK I
MARK V
MARK VI
MARK VII
MARK VIII

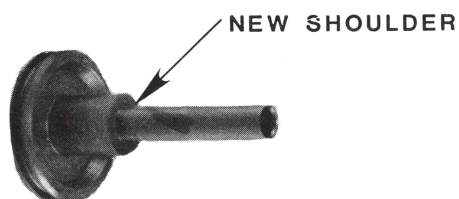
Both the new and the old pistons are shown below and as can be seen, we have added a large shoulder to the flow through tube section of the new piston.

The new shoulder was added in order to provide a positive stop which now limits the travel of the piston in the direction of the high pressure seat. This ensures that the piston will never penetrate more than 1/16" into the high pressure seat.

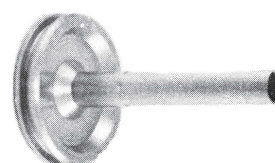
By limiting the penetration of the piston into the high pressure seat to 1/16", the high pressure seat can now be reversed allowing both sides to be used.

The new piston, which retains the same part number, is completely interchangeable with the old style piston.

The new style pistons are in stock, and they are being used in production on the Mark V and the Mark VII first stage regulators.



NEW STYLE



OLDER STYLE