



SEAL KIT INSTRUCTION SHEET

SUBJECT:

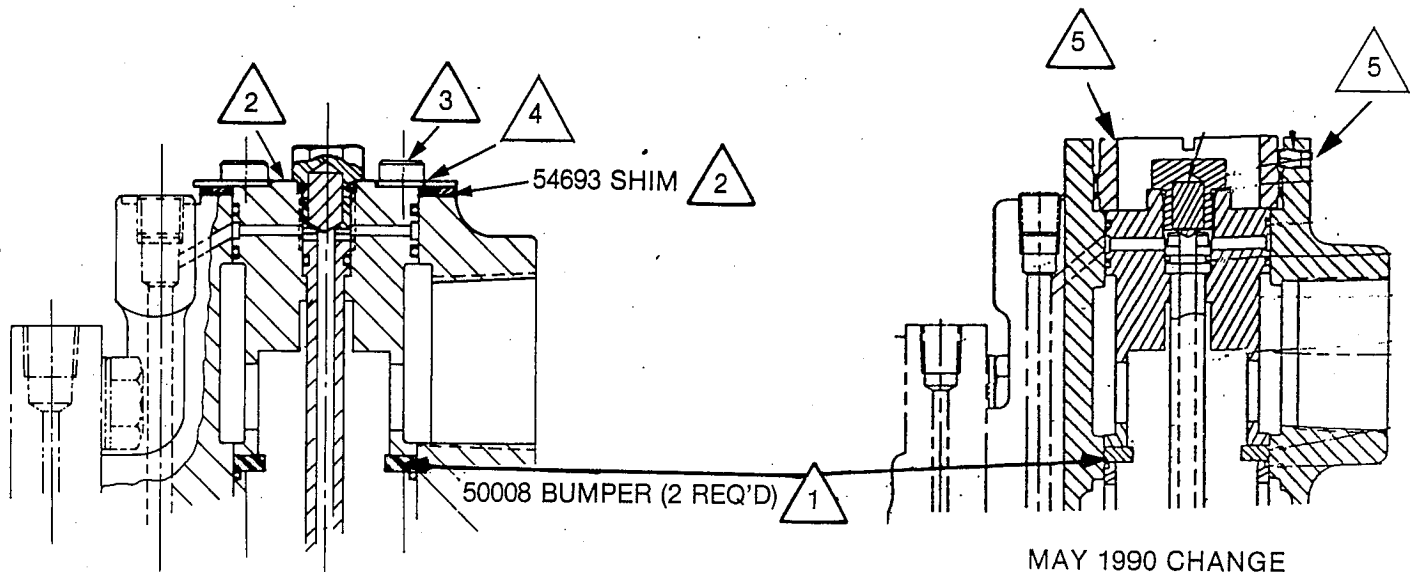
ADAPTING TO CHANGE IN THICKNESS OF THE BUMPERS USED IN THE CYCLING VALVE ON 6, 8, AND 10 HP DRIVES (VALVE ASSEMBLY NO. 50000 AND 52900).

INTRODUCTION:

In October of 1985, the two p/n 50008 urethane bumpers in this valve were increased in thickness from 1/8" to 5/32" for better service life.

To accommodate this extra thickness for air valves in the field at that time, shim p/n 54693 was added to all seal kits where the 50008 bumpers are used.

The illustration and notes below enable a valve user to determine whether or not the shim must be used when installing new 5/32" thick bumpers.



- 1 Old style 50008 bumpers are amber and 1/8" thick and should be discarded (new or used). Current production bumpers are 5/32" thick and may be either blue or amber.
- 2 If 50101 cap finish is BLACK ON ALL SURFACES, 54693 SHIM IS REQUIRED to be able to use current (5/32" thick) 50008 bumpers; i.e. the valve was manufactured prior to approximately October, 1985. 50101 cap color is silver (Gray anodize) on current models.
- 3 54099 self-locking cap screws (4). Proper torque is 60-70 inch pounds. Torque evenly. Replace these 4 cap screws at each reassembly to insure proper action of the self locking feature to resist vibration.
- 4 Also use an extra flat washer, p/n AN 960-416, (two total) under each screw because the latest screws are slightly longer and may bottom out in the older valve bodies.
- 5 Design change beginning May 1990. 54099 cap screws and washers have been eliminated: New spanner nut and set screw require no particular torque - just "Snug". This design also uses current 5/32" thick 50008 bumpers.

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