



Bulletin HY14-2717-M1/US
Service and Parts Bulletin

Model DC25

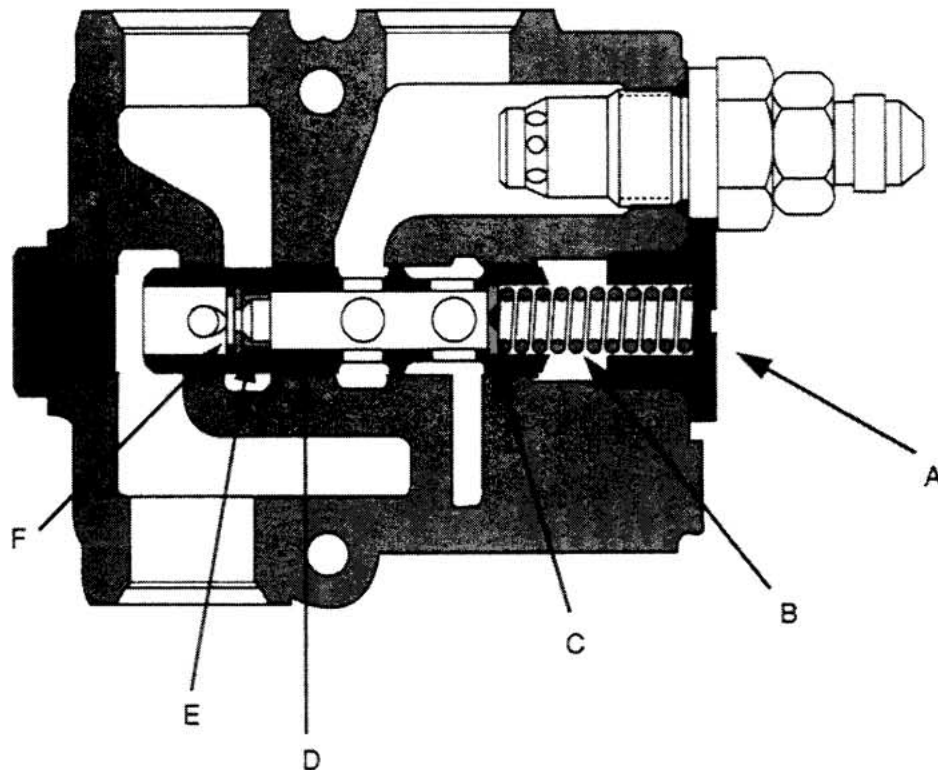
Effective: August 1, 2002
Supersedes: Cat. No. GSA-05 dated 3/97



Instructions for Changing Priority Flow for Model DC25

The priority flow for the model DC25 can be easily changed by simply removing the orifice plate (item E) and replacing it with the desired size orifice. Listed below are instructions for removing the current orifice plate, selecting the desired orifice plate, and installing it.

SEE NEXT PAGE FOR INSTRUCTIONS ON REMOVING ORIFICE FROM SPOOL.



- Step 1. Remove plug A.
- Step 2. Remove spring B. (Note: plate C is held in place by spring B. This is not the item to be changed, however it will fall out and care must be taken to be sure it is re-installed.)
- Step 3. Remove spool D, taking care not to damage the spool.

SEE NEXT PAGE FOR INSTRUCTIONS ON REMOVING ORIFICE FROM SPOOL.

WARNING

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

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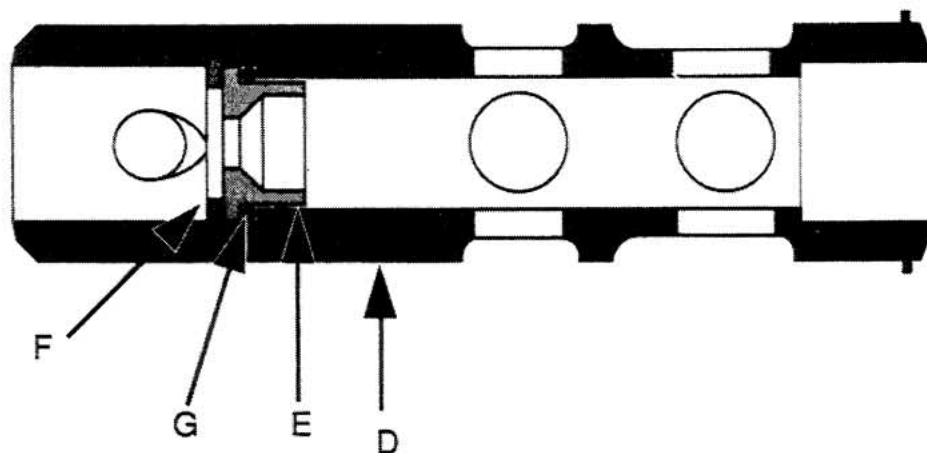
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Model DC25



- Step 4. Remove retainer ring F.
- Step 5. Remove orifice plate E.
- Step 6. Inspect O-ring G and replace if necessary.
- Step 7. Select the desired orifice plate from the chart below, and reverse the process.
- Step 8. Confirm flow on the test stand.

Suffix	GPM*	Orifice	Drill #
010	1	.070-.073	50/49
015	1.5	.086-.089	44/43
020	2	.100-.102	38
030	3	.120-.122	31
040	4	.135-.137	29
050	5	.158-.160	21
060	6	.169-.172	18
070	7	.180-.182	15
080	8	.195-.197	9
090	9	.205-.208	5
100	10	.212-.214	3
110	11	.214-.218	7/32
120	12	.228-.230	1
140	14	.237-.239	B
160	16	.255-.257	1/4

To order the desired orifice plate, use the appropriate suffix listed above, for the following part number: *GPM are approximate and must be confirmed on the test stand.



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