Parts Required

Part Number	Description	Graphic	Quantity Needed
F1614-7500	Burst Disc		1 (PFM6, PFM8) 2 (Flo-check, PFM6BD)
F3137-015	Viton O-ring		1
F1015-015	Backup O-ring		1
F5215 (PFM6, PFM8) F5144 (Flo-check, PFM6BD)	Burst Disc Body		1

Tools Required

- 5/8 inch socket/wrench
- 0…100 (or greater) foot-pound torque wrench

Procedure

NOTE: *The following steps apply to all units. Additional steps for the PFM6DB and Flo-check USB are noted as such.*

1. Position the tester block to expose the internal Burst Disc Body.
2. Loosen and remove the Burst Disc(s) Body from the flow meter block.
3. Remove the ruptured Burst Disc from the flow meter block and discard. *For PFM6DB and Flo-check USB, retain the support ring.*
4. Clean out the Burst Disc port. Remove any debris from the sealing surfaces.
5. Drop in a new Burst Disc. Make sure it lies flat on the sealing surface entrance. *For PFM6DB and Flo-check USB, drop in the Support Ring followed by a second Burst Disc.*
6. Replace both O-rings on the Burst Disc Body and insert the body back into the block. (Make sure the O-rings are lubricated). Tighten the Burst Disc Body down to form the disc against the sealing surface.
7. Using a torque wrench, tighten the Burst Disc Body in the block to 65 foot-pounds.

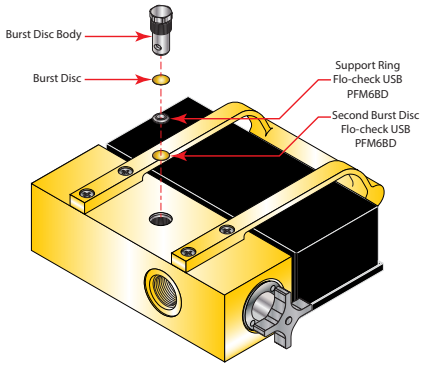

Figure 1: PFM6, PFM8, PFM6BD, Flo-check USB (not shown)

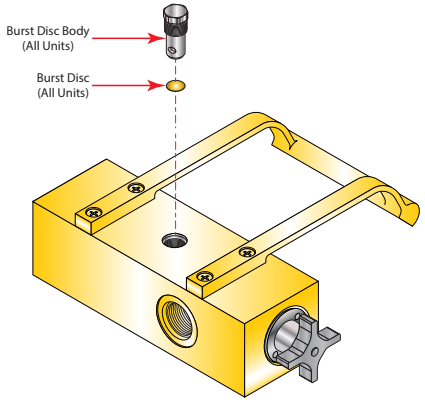

Figure 2: Sensor Array

Flo-tech Hydraulic Diagnostic Products
Portable Hydraulic Testers
Flo-check USB, PFM and Sensor Array

Parts Required

Part Number	Description	Graphic	Quantity Needed
F1614-7500	Burst Disc		1 (PFM6, PFM8) 2 (Flo-check, PFM6BD)
F3137-015	Viton O-ring		1
F1015-015	Backup O-ring		1
F5215 (PFM6, PFM8) F5144 (Flo-check, PFM6BD)	Burst Disc Body		1

Tools Required

- 5/8 inch socket/wrench
- 0…100 (or greater) foot-pound torque wrench

Procedure

NOTE: *The following steps apply to all units. Additional steps for the PFM6DB and Flo-check USB are noted as such.*

1. Position the tester block to expose the internal Burst Disc Body.
2. Loosen and remove the Burst Disc(s) Body from the flow meter block.
3. Remove the ruptured Burst Disc from the flow meter block and discard. *For PFM6DB and Flo-check USB, retain the support ring.*
4. Clean out the Burst Disc port. Remove any debris from the sealing surfaces.
5. Drop in a new Burst Disc. Make sure it lies flat on the sealing surface entrance. *For PFM6DB and Flo-check USB, drop in the Support Ring followed by a second Burst Disc.*
6. Replace both O-rings on the Burst Disc Body and insert the body back into the block. (Make sure the O-rings are lubricated). Tighten the Burst Disc Body down to form the disc against the sealing surface.
7. Using a torque wrench, tighten the Burst Disc Body in the block to 65 foot-pounds.

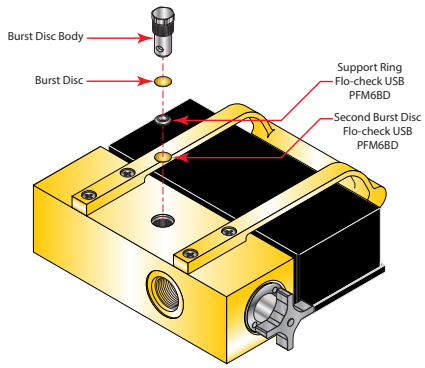

Figure 1: PFM6, PFM8, PFM6BD, Flo-check USB (not shown)

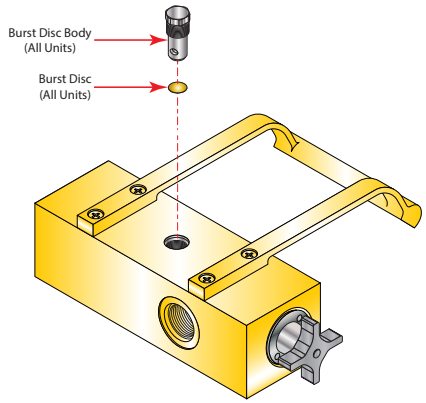

Figure 2: Sensor Array

Badger Meter
TST-QG-01835-EN-04 (June 2022)
Repair Procedure

Portable Hydraulic Testers, Flo-check USB, PFM and Sensor Array

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