

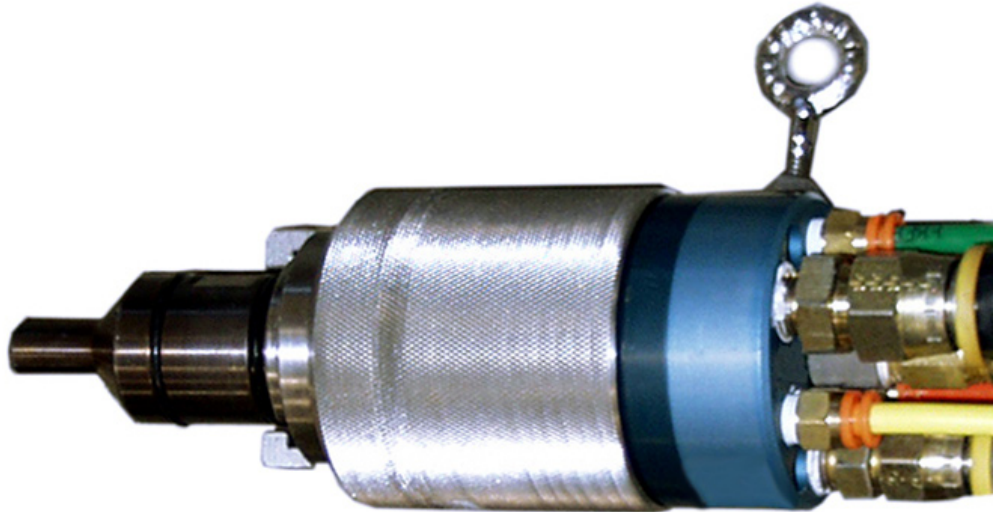
**STERLING**

**pcu**

## Series 125 Manual Brake Fill Tool

### FEATURES

- Simple manual attachment
- Air operated valves
- Dry evacuation circuit
- Drip free operation
- High vacuum flow rate
- High fluid flow rate
- Fail safe operation
- Rugged & durable construction
- Easily maintained
- Light Weight

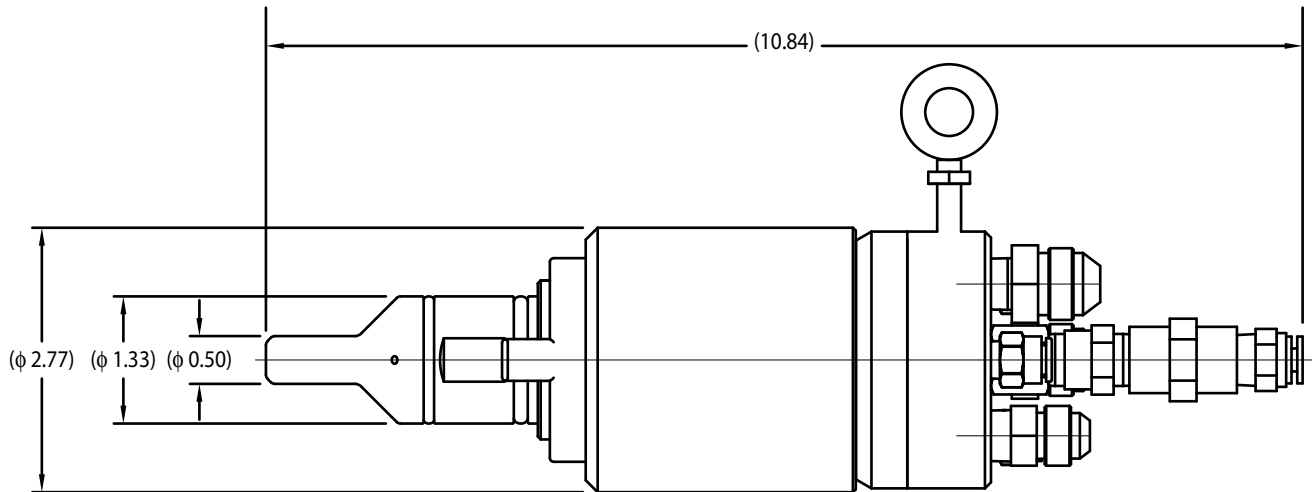


The PCU Compufill Series 125 Brake Fill Tool connects to brake master cylinder reservoirs for evacuation and filling. This tool adapts the filling equipment to the brake system.

This series of tools includes models which can be attached to most common brake fill necks and can be customized for other applications.

Typical tool operation is semi-automatic in that the operator inserts tool into reservoir and manually rotates sleeve to clamp and seal. Once the cycle start button is pressed, the system will control the air piloted valves for evacuation, leak check, filling and scavenge cycle. Upon completion of these operations, the operator will manually rotate sleeve to unclamp. Tool is designed for minimum drip operation.

# Series 125 Manual Brake Fill Tool



- Scavenge flow path is independent of fluid or vacuum circuit.
- Tool designed with secondary shutoff valve for dripless operation.
- Refer to series 114 for auto clamp brake tool PB038.
- Fits large and small brake necks.
- Internal porting for higher flow rate.
- Tool designs for volume or pressure fill.
- Tools are built with spring returns on the valve ports for fail-safe operation during power loss.
- All phases of evacuation and fill cycle internal to tool are automatically controlled by the evacuate and fill machine.
- Tools are compatible for operation with programmable logic, relay, or computer based control systems.
- A robust design and durable construction work well in a constant use production environment.
- Aluminum and stainless steel construction are used to minimize weight and eliminate corrosion.
- Tool designed with independent blowdown circuit for fluid circuit clean out.
- Optional straight or 90° manifolds.

## TECHNICAL SPECIFICATIONS:

| Weight . . . . .                        | 4.25 lbs (2 kg)                         | Flow Capacity<br>Fluid or Vacuum or Air Blowdown . 0.82 Cv Typical  |           |  |  |               |       |     |                  |     |   |                  |      |     |
|---|---|---|-----------|--|--|---------------|-------|-----|------------------|-----|---|------------------|------|-----|
| Fluid . . . . .                         | Brake Fluid                             | Maximum Fluid Pressure. . . . . 150 psi   |           |  |  |               |       |     |                  |     |   |                  |      |     |
| Fluid & Scavenge Port Fitting . . . . . | 3/8" JIC                                |   |           |  |  |               |       |     |                  |     |   |                  |      |     |
| Vacuum Port Fitting . . . . .           | 1/2" JIC                                | <p style="text-align: center;"><b>Flow Rates: DOT 3 Brake Fluid</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="3" style="text-align: center;">3/8" Hose</th> </tr> <tr> <th style="text-align: center;">Fill Pressure</th> <th style="text-align: center;">L/sec</th> <th style="text-align: center;">GPM</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">70 PSI (4.8 BAR)</td> <td style="text-align: center;">0.2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="text-align: center;">90 PSI (6.2 BAR)</td> <td style="text-align: center;">0.24</td> <td style="text-align: center;">3.8</td> </tr> </tbody> </table> | 3/8" Hose |  |  | Fill Pressure | L/sec | GPM | 70 PSI (4.8 BAR) | 0.2 | 3 | 90 PSI (6.2 BAR) | 0.24 | 3.8 |
| 3/8" Hose                               |   |   |           |  |  |               |       |     |                  |     |   |                  |      |     |
| Fill Pressure                           | L/sec                                   |   | GPM       |  |  |               |       |     |                  |     |   |                  |      |     |
| 70 PSI (4.8 BAR)                        | 0.2                                     |   | 3         |  |  |               |       |     |                  |     |   |                  |      |     |
| 90 PSI (6.2 BAR)                        | 0.24                                    |   | 3.8       |  |  |               |       |     |                  |     |   |                  |      |     |
| Blowdown Port Fitting . . . . .         | 1/4" DIA one touch connector            |   |           |  |  |               |       |     |                  |     |   |                  |      |     |
| Air Supply Pressure . . . . .           | .70 psig (4.9 kg/cm <sup>2</sup> ) Min. |   |           |  |  |               |       |     |                  |     |   |                  |      |     |
| Air Port Fitting . . . . .              | 1/4" Dia. one Touch Connectors          |   |           |  |  |               |       |     |                  |     |   |                  |      |     |



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