

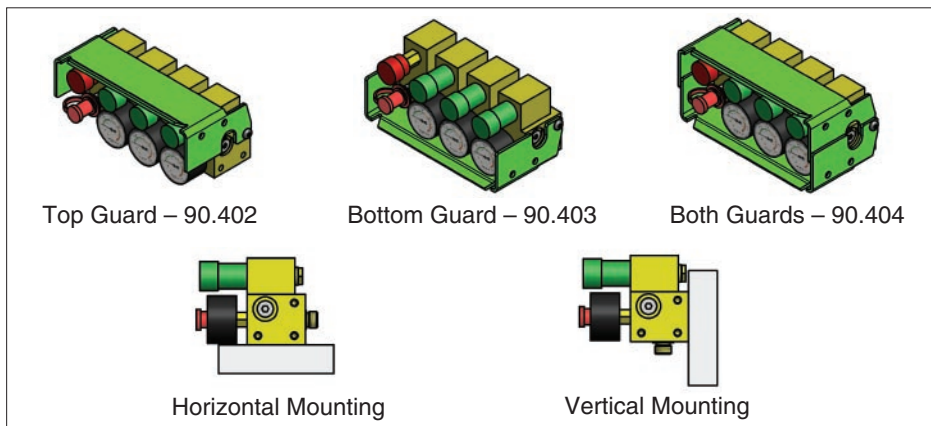
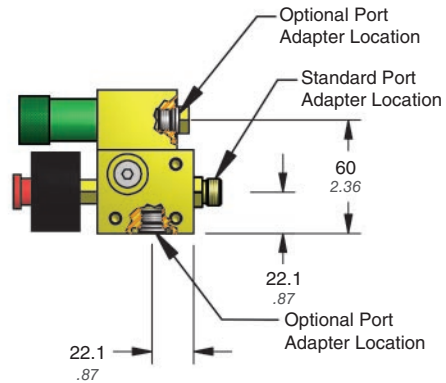
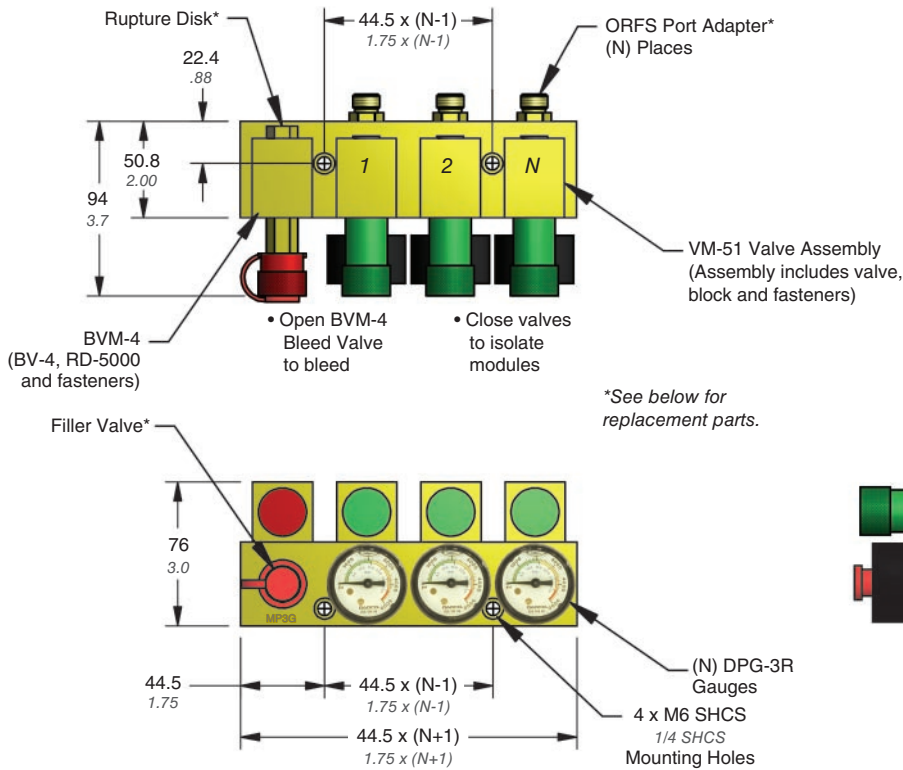
Multi Panel

The DADCO Multi Panel features modules that may be filled, monitored, adjusted and vented from outside the die, either commonly or individually. No other control panel offers the advantages of the DADCO Multi Panel.



Features

- Each module features a simple two position valve for easy operation.
- Three port locations on each module give maximum piping flexibility.
- Each module is supplied with a straight service fitting.
(For unused ports, DADCO recommends closing the module off before filling or using tube end caps, 90.506.112, on the unused port.)
- The panel can be flush mounted on the bottom or back.
- An optional tilt-guard protects all control valves and gauges during operation.



Replacement Parts

NOTE: All Multi Panels are etched with a part number on the base block. Refer to the chart below when ordering replacement parts.

Replacement Part	"G" Mark (Ex.: MP5G)	No "G" Mark (Ex.: MP5)
Rupture Disk	RD-400G	RD-5000
Port Adapter	90.505.115	90.505.120
Filler Valve	90.310.110	FE-3

Ordering Example:

90.401. 3.

Guard Location:
 Standard (No Guard) = 401
 Top = 402, Bottom = 403
 Both = 404

For optional reversed mounting, add R.

Number of Modules:
 2-6, 8 or 10

B04105B

Operation

Please follow the guidelines below for proper operation:

Before Filling:

1. Make sure Red Exhaust Valve is turned completely clockwise to the closed position.
2. To fill an isolated module open the corresponding Green Control Valve counterclockwise. To fill all modules, open all Green Control Valves counterclockwise.
3. Verify that all gas spring rods are fully extended to their proper stroke lengths, ensuring that the housing is seated properly. Use a DADCO T-Handle to extend the rods.
4. Pipe all gas springs to the Multi Panel following proper assembly guidelines.
5. Make sure all fittings are tight.

Filling:

1. Attach the Charging Assembly (90.310.040) to the Multi Panel Filler Valve.
2. Open the main valve on the nitrogen tank.
3. Set the desired charging pressure on the Pressure Regulator.
4. Slowly open the shut-off valve and allow each spring to reach the desired charging pressure. To fill an isolated module to a different pressure, fill the module until the gauge reads the desired pressure. Close the corresponding Green Control Valve clockwise and continue to fill the remaining modules to the desired pressure.
5. CLOSE THE HOSE SHUT-OFF VALVE AND TANK SHUT-OFF VALVE. Disconnect the Charging Assembly from the Multi Panel. The small amount of nitrogen trapped between the shut-off valve and filler valve will bleed off as you disconnect the fitting.



NOTE: Generally, the lowest possible operating pressure is set in a given system and, if necessary, more pressure can be added. Accurately reducing pressure is sometimes difficult. Therefore, when the system exceeds the desired pressure, all gas should be exhausted and the system refilled to the appropriate pressure.

Exhausting:

1. To exhaust the nitrogen gas open the Red Exhaust Valve counterclockwise. To keep pressure in an isolated module ensure the corresponding Green Control Valve is closed before opening the Red Exhaust Valve.
2. To exhaust an isolated module open the corresponding Green Control Valve counterclockwise. The Red Exhaust Valve must be open to exhaust the pressure.
3. Verify that all the pressure is relieved by manually retracting the piston rod into the tube for all connected gas springs. If the rods will not fully retract release the remaining pressure. If still unsuccessful STOP and contact DADCO.