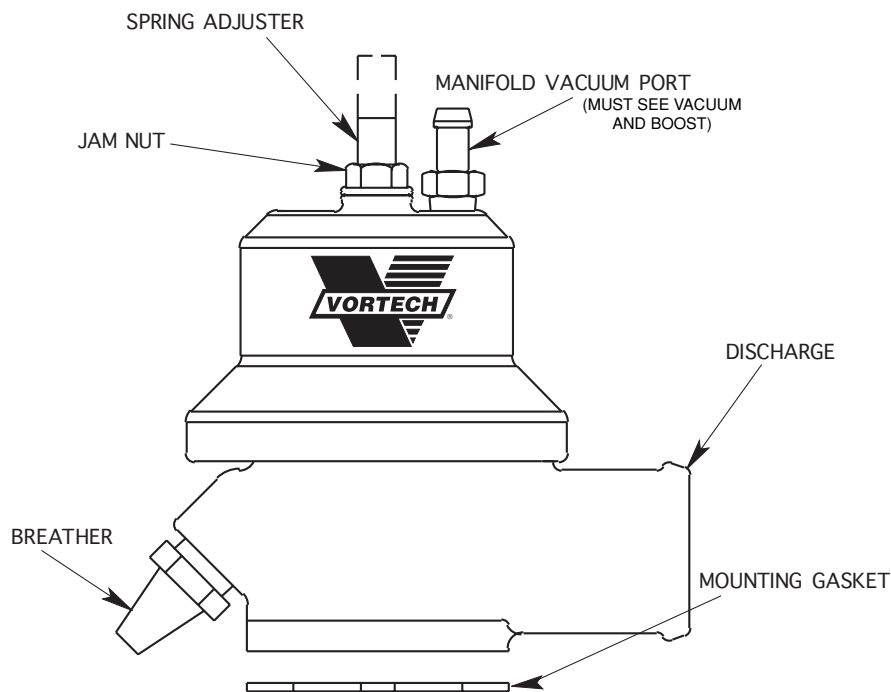


# MAXFLOW® RACE BYPASS VALVE

**WARNING:** The Maxflow Race Bypass Valve should be operated by vacuum or pressure only. **Pushing on the valve head will result in diaphragm inversion. If this happens, the valve will not fully close and should be returned to Vortech for servicing. Additionally, the spring adjuster should not be run below the jam nut or the valve will not open.**

## INSTRUCTIONS:

1. The bypass valve should be mounted on the supercharger discharge duct.
2. On vehicles equipped with mass air, the bypass valve discharge should be plumbed back into the supercharger inlet after the MAF.
3. Mounting flanges are available from Vortech separately in aluminum (8D004-052) and steel (8D004-051). The mounting flanges are intended to be welded onto 1.5" O.D. tubing.
4. A gasket should be used between the bypass valve and the flange (8D004-053).
5. It is preferred to use 1/4-20 socket head cap screws to mount the bypass valve as these will provide the most clearance to the housing.
6. In general, the spring adjuster should be left fully backed off as supplied. The valve opening point can be adjusted from 3" Hg (spring adjuster all the way out) to 6" Hg (spring adjuster 1/8" above the jam nut).



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