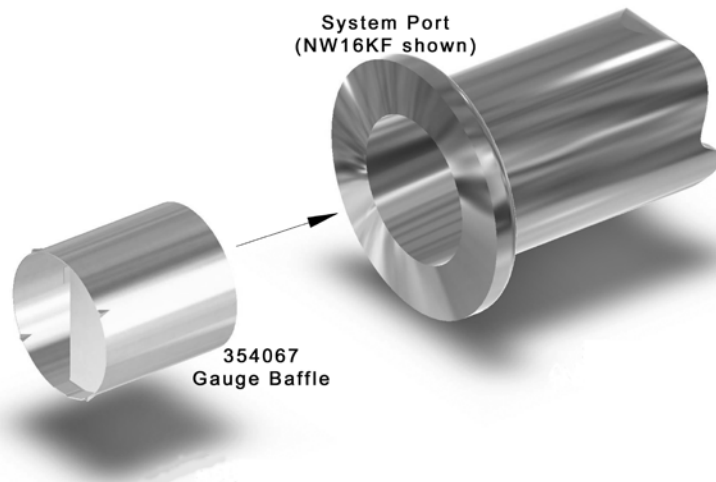


Installation of Gauge Baffle into System Port



The 354067 gauge baffle reduces the interaction between the vacuum process environment and the gauge environment with respect to light, heat, charged particles, and deposition products. There is also an associated reduction in conductance between the chamber and the gauge of at least 50% and an increase in cold surface area available to adsorb gas species. This will impact the pumpdown rate and vacuum level achieved in the gauge at base pressure. The gauge baffle is vacuum fired after assembly and packaged ready for installation.

Installation of the Baffle

Install the gauge baffle in the system port prior to installing the gauge on the vacuum system. The gauge baffle easily slips into the port as shown in the illustration below.

1. Remove the baffle from the sealed packaging, being careful to avoid contaminating the baffle.
2. Insert the baffle into the system port, smooth end first, with the serrated end of the baffle toward the entrance of the port. The serrated end of the baffle holds the baffle in place by compression against the wall of the vacuum fitting.

