



Pre-Chamber Installation Guide

Notice

Keep all parts clean from contaminants. Thoroughly clean all parts, gaskets, O-ring, and sealing surfaces. Always use new gaskets and O-rings to install Pre-Chamber. Make sure Pre-Chamber in the bore head and all sealing surfaces in head are clean and dry.



Parts & Tools Needed:

1. Two piece Pre-Chamber (part #114-3365)
2. Pre-Chamber Seal Kit (part # PPS3600PC)
3. Check Valve (part# PPS3600CV)
4. Sil-Glyde for O-Rings (NAPA part # 765-1351)
5. Torque Wrench

Dressing Pre-Chamber:

1. Remove Pre-Chamber from box
2. Install Check Valve
3. Place Pre-Chamber body upside down on the work bench
4. Use Sil-Glyde (Napa #765-1351) to lubricate O-Rings
5. Place O-Rings in appropriate grooves in Pre-Chamber

Note: Do not use engine oil or grease on these O-rings, may cause sealing issues,

6. Put tip on body, making sure to lock in Place

Installing Pre-Chamber

7. Place Pre-Chamber into the bore in the cylinder head
8. Check tip alignment with body
9. Tighten the bolts evenly to a torque of 32lb. ft, then to 60lb ft. then 90 lb. ft., then 100lbs.

Warranty

Premium Power Solutions will warranty manufacturing workmanship on all parts for one year from the date of purchase. The failed part must be returned to PPS for failure analysis. If failure is due to manufacturing workmanship, the failed part will be replaced to the customer.