



Installation Instructions for the JDS LPR (Angel Speed)

Thank you for purchasing a JDS LPR regulator. In this document, you'll find installation instructions and answers to frequent questions. Should you have any trouble with installation, please contact STD Industries via the contact information shown at the bottom of this page.

Parts List

(1) JDS LPR for the Angel

Pre-Installation Instructions

Before installing the JDS LPR, it's recommended that you chronograph your marker, in its existing configuration, to the velocity you typically play at. This will make fine-tuning the JDS LPR easier.

Installation Instructions

The JDS LPR is a drop-in accessory for WDP's Speed platform of markers. The only required tool for installation is a 5/32" allen wrench, used to adjust the pressure of the LPR.

Once you've removed your LPR, inspect the LPR cavity in the marker for debris. Remove debris if necessary. Lubricate the JDS LPR o-rings with oil or grease, then install the JDS LPR into the marker. The JDS should be hand-screwed into the marker. Once the JDS LPR is installed, air up the marker and listen for leaks.

The JDS LPR is set at approximately 65 PSI at the factory. To adjust pressure, use a 5/32" allen wrench on the allen hole located on the front of the regulator. A full turn of the adjustment cap will yield a 25 psi change in pressure.

To increase pressure, turn the allen wrench clockwise. To decrease pressure, turn the allen wrench counter-clockwise (see pressure adjustment diagram on right). Dry-fire marker between adjustments to determine if marker is cycling properly. Use small adjustments until desired pressure setting is achieved.

If it is necessary to reset the LPR pressure to 65 PSI, unscrew the cap completely, then turn the cap clockwise 2 1/2 turns (from the point where the cap threads engage the body threads).

Common Questions

Should the JDS LPR be lubricated?

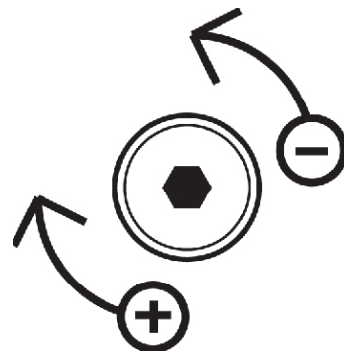
Yes. You can lubricate the main piston, using the same lubricant you use on your marker. To remove the main piston, unscrew the adjustment cap, then remove the spring. The main piston can be removed using a pair of needle-nose pliers. Use care when removing. No other parts need lubricating.

Is the JDS LPR rebuildable?

Yes, though it should be rebuilt only by an authorized STD technician. Some components are under spring tension, even when the regulator is not connected to an air source. Injury may result if serviced by the user.



Illustration #1



Pressure Adjustment Diagram