

## DDC Installation Notes NC700

Thank you for purchasing the DDC (Drop in Damper Cartridges) for your NC700!

Cogent Dynamics offers full installation services. *For consumer installation, these notes assume familiarity with damper rod type fork internals and the necessary technical tools and ability.*

Your new DDC valves are designed as a direct drop in and no damper rod modifications such as drilling or welding are necessary.

We recommend 5w fork oil with the level (air gap measurement) set for the rider weights listed below with the forks fully collapsed:

140 to 160 lbs.	150mm
170 to 220 lbs.	140mm
230+lbs	130mm

The DDC must be fit into the fork with the stepped side of the valve (side with the Nyloc nut) down and nested into the damper rod top. **IMPORTANT:** We recommend dry fitting the components and double checking all the installation parameters *before* adding oil. Once oil is in the fork, it will not be possible to check the seating of the cartridges, but if all the measurements remain the same it will be possible to ascertain that the cartridge has not become dislodged during the installation process.

Preload value is spring rate related. Follow the manufacturer's guidelines for installing the springs.

In general, we recommend the correct rate straight wound springs to suit your weight and riding type. Preload is the measure of the distance between the top of the DDC/spring/washer/spacer stack and the top of the fork (while fully extended) minus the length of cap when fully installed. The preload value we recommend is 4-10mm if using Cogent Dynamics brand springs.