

ECCENTRIC SYSTEMS

QUICK TORQUE BASS DRUM PEDAL CAM

by Michael Dawson

In the 1980s, Eccentric Systems developed a new cam for bass drum pedals, called the Eccentric Drive, which went on to become a standard component on many brands' offerings, including DW's popular 9000 series. The latest development from the company is the Quick Torque cam, designed to replace the spring arm on your favorite pedal for increased speed.

The concept behind the Quick Torque cam, according to the Eccentric website, is that it "reduces the pressure required to push the pedal down, while multiplying the return force generated by the return spring." The company claims that this new cam returns the beater 30 percent faster, with less spring tension.

The Quick Torque is easy to install; simply remove the existing spring and spring arm from your pedal, attach the new cam with the included Allen wrench, and replace the spring. I was able to get a DW 5000 series pedal working with the Eccentric cam in less than five minutes, and it was just as easy to reinstall the original parts afterward. The Quick Torque has two points of adjustment, both of which are controlled with an Allen-wrench screw. One adjustment changes the beater angle, and the other controls a lever that extends out from the backside of the cam to press on the chain that wraps around the cam. The farther you extend the arm, the more torque (i.e., speed) you get. Eccentric Systems suggests that you back off the spring tension on your pedal to the loosest possible setting and then use the torque-adjustment screw to dial in the desired amount of speed.

When using the Quick Torque cam on the DW 5000 series pedal,

Looking to get extra speed from your favorite bass drum pedal? Try the new Quick Torque cam. It works!



I noticed a considerable increase in speed, in terms of how quickly the beater accelerated toward the drumhead. This made fast 32nd-note doubles easier to execute, and less overall force was required to set the beater into motion. I personally prefer a more powerful—rather than faster—stroke from my bass drum pedal. But for highly technical drumming styles (fusion, metal, electronica), the Quick Torque definitely makes rapid rhythms easier to play. The list price is \$40 for a single cam and \$80 for two cams for double pedals.

eccentricsystems.com