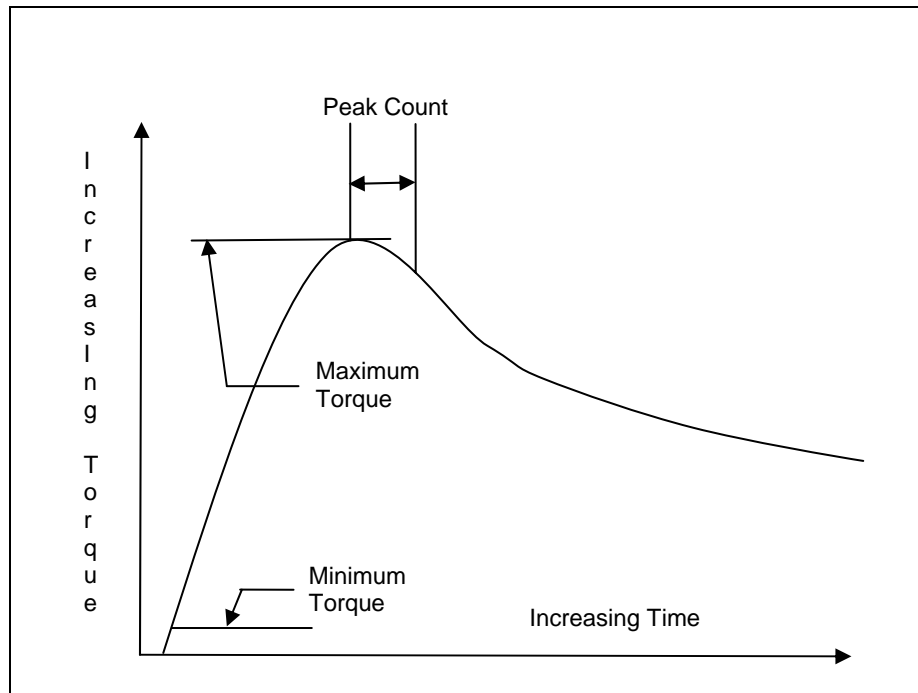


THEORY OF OPERATION Torqo™1502



Minimum torque:

When the open key is pressed the test begins and the Torqo searches for a programmable “minimum torque”, indicating that the torque readings are considered to be valid. The test continues in search of the release (peak) torque.

Peak torque:

The release torque is determined by searching for a “peak torque” that is followed by a programmable number of readings called “peak count” that are equal to or less than the previously measured peak torque. If the Torqo finds a higher peak before reaching the peak count, this new value is considered the peak and the count re-starts.

Peak count (Pk Cnt):

Pk Cnt is the number of times per/second that the Torqo searches for the maximum release torque before assuming a test to be valid. The Pk Cnt de-fault is 50, increasing this will drive the cap further in the opening direction.

Maximum torque:

The maximum release torque is the opening torque.