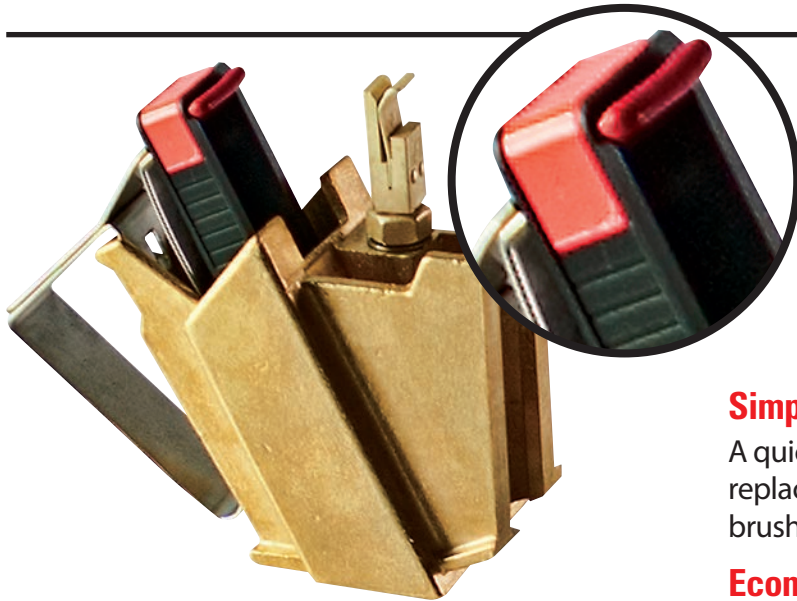


# Brush Wear Indicator from Helwig

The easiest and most convenient way to monitor brush wear



With Helwig's exclusive Wear Device, you can see at a glance if it's time to replace brushes. This helps prevent exposed shunts or inadequate spring force from causing damage to commutators or rings.

## Carbon Brush Wear Rates

Carbon brushes wear at the contact surface due to friction (mechanical wear) and sparking (electrical wear); both are brought on by "inadequate" spring force.

## Integrated Brush Holder Design

Helwig's constant force springs ensure optimal spring force, reducing electrical wear and maximizing brush life.

## Minimize Arcing

The constant force spring retains its rated force until it recoils to its final diameter. That's when the Wear Device's bright red "danger strip" warns it's time to replace the brush. This prevents destructive arcing and electrical wear before damage occurs.

## Simple, Visual Brush Checks

A quick look shows you whether a brush needs replacement. No need to remove hard-to-reach brushes to check for wear.

## Economical Option

The Helwig Wear Device is a cost effective option that minimizes inspection time and helps prevent costly commutator or ring damage.

It's a built-in convenience that more than pays for itself!



Call today for more information:

**800-962-4851**

Or, visit our website at [helwigcarbon.com](http://helwigcarbon.com)



See animated demo!

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