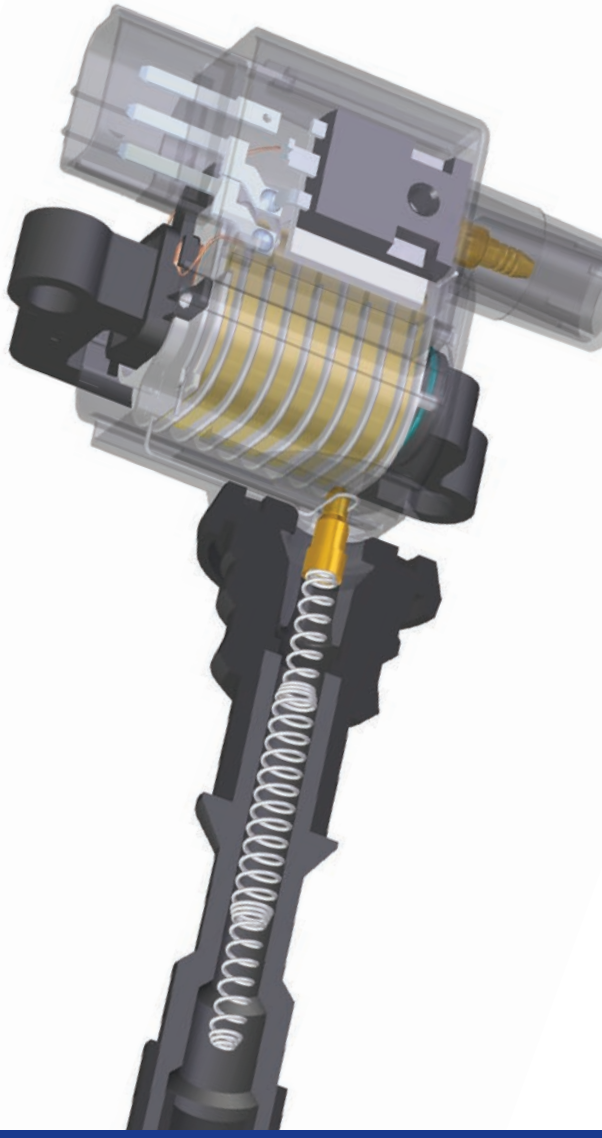
NAPA ECHLIN

IGNITION COILS

WHAT'S IN YOUR BOX?

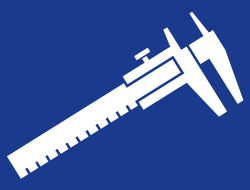
OE Fit, Improved Durability

Many OE coils have design flaws that cause premature failure. Our engineers evaluate these flaws and implement design improvements such as improved sealing to eliminate moisture intrusion, redesigned overmolds that prevent the epoxy from cracking, updated internal designs to reduce heat, and additional performance capabilities so the coil doesn't have to work at maximum capacity, allowing it to last longer.



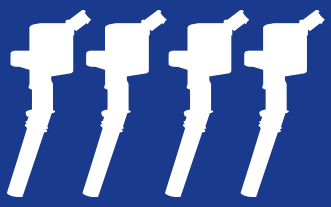
What's inside the NAPA® Echlin® box... Precision engineering and design improvements. What's In Your Box?

Echlin® offers the industry's most complete Ignition Program with more than 700 precision-engineered coils along with the related parts and connectors required to keep modern ignition systems operating reliably.



DESIGN IMPROVEMENTS

Our engineers identify and address OE flaws



IGNITION COIL MULTI-PACKS

Popular Echlin® Coils are available in multi-packs

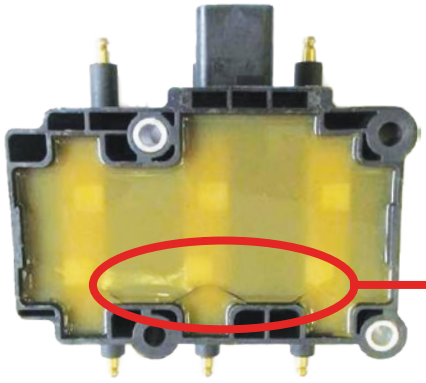
ECHLIN® RELIABILITY

We manufacture a more reliable, better-performing Ignition Coil

NAPA® Echlin® Coils feature improvements over the OE

OE Problem:

Heat causes the steel core to expand, cracking the epoxy, leading to moisture intrusion and a coil failure



OE epoxy cracks after temperature test

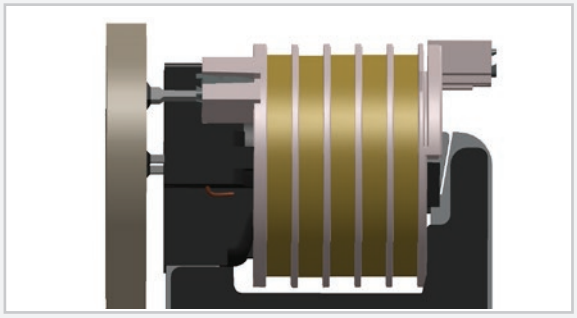
Echlin® Solution:

An elastomer overmold improves insulation and a high-temperature epoxy won't break down, even in high-heat conditions

No cracks after temperature test

OE Problem:

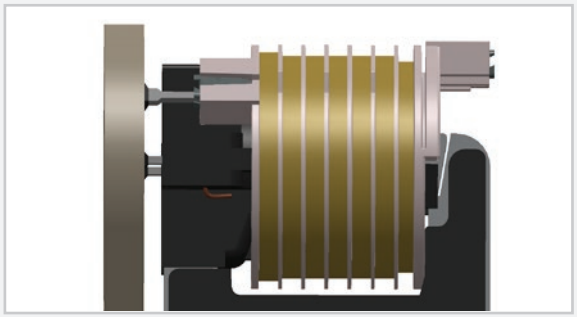
Ignition coils on the Ford 4.6L generate too much heat, leading to a premature coil failure



OE coil uses 5 bobbin segments with 27 kV (5.4 kV per segment)

Echlin® Solution:

We added two additional bobbin segments to better distribute the energy, resulting in less heat and a longer service life



IC369 features 7 bobbin segments for 29 kV (4.1 kV per segment), a 32% reduction in energy per segment