



High Energy Ignition (HEI) Coils

- NAPA Echlin coils use pure copper windings in both bobbins. The benefit is a high temperature rating for improved durability and higher resistance to internal shorts and dielectric breakdown. This means the coil can run hotter without breaking down.
- NAPA Echlin coils have a full E-Lam core of silicon steel. The benefit of this is maximum output voltage.
- NAPA Echlin coils have solid brass high voltage terminals. The benefit is better connections and greater corrosion resistance.

Oil-Filled Ignition Coils

- NAPA Echlin coils have solid brass terminals. The benefit is better connections for maximum spark.
- NAPA Echlin coils use an alkyd top. The benefit is maximum temperature resistance to prevent internal oil leakage.

Manifold Absolute Pressure (MAP) Sensors

- NAPA Echlin MAP sensor housings are made of advanced-engineering thermoplastics. The benefit is greater resistance to cracking and leaking, for longer life.
- NAPA Echlin MAP sensors use state-of-the-art transducer technology. The benefit is better, more accurate performance due to precise pressure sensing repeatability.

Fuel Injectors

- NAPA Echlin injectors are stainless steel. The benefit is less rust and flaking, and fewer nozzle clogs, ensuring a proper spray pattern and reliable delivery of the correct amount of fuel.
- NAPA Echlin injectors use higher quality copper wire. The benefit is fewer electrical shorts.
- NAPA Echlin injectors are application-specific. They are precision-engineered to OE specifications. The benefit is that they look and install just like their OE counterparts.

Fuel Pressure Regulators

- NAPA Echlin regulators have a yellow dichromate finish. The benefit is better rust resistance for longer life.
- NAPA Echlin regulators have an improved vacuum nipple and use 100 percent fluoro elastomer material for the O-ring seal. The benefit is reduced fuel leakage and maximum performance.

Voltage Regulators

- NAPA Echlin manufactures its own circuit boards using the highest grade components. The benefit is greater durability and longer life.
- The NAPA Echlin PC board is encapsulated in epoxy. The benefit is improved resistance to failures caused by vibration and corrosion of electrical connections.



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Oil Pressure & Coolant Temperature Switches

- NAPA Echlin switches include thread sealant. The benefit is a better seal to prevent leakage of coolant or oil.
- NAPA Echlin switches match OE color. The benefit is a better visual match, instilling customer confidence.

NAPA Echlin

Mileage Plus



- Mileage Plus regulators have a clear zinc finish for long life.
- Mileage Plus regulators use a compound fluoro elastomer material for the O-ring seal, to resist fuel leakage.



- Mileage Plus regulators have a riveted circuit board for long life and reliable performance.
- Mileage Plus regulators have a clear finish on the cover and base to resist corrosion buildup, for long life.



- Mileage Plus switches use a diaphragm of polyimide film to prevent tearing and oil leakage through the switch.
- Mileage Plus switches have durable plastic bodies for long life.

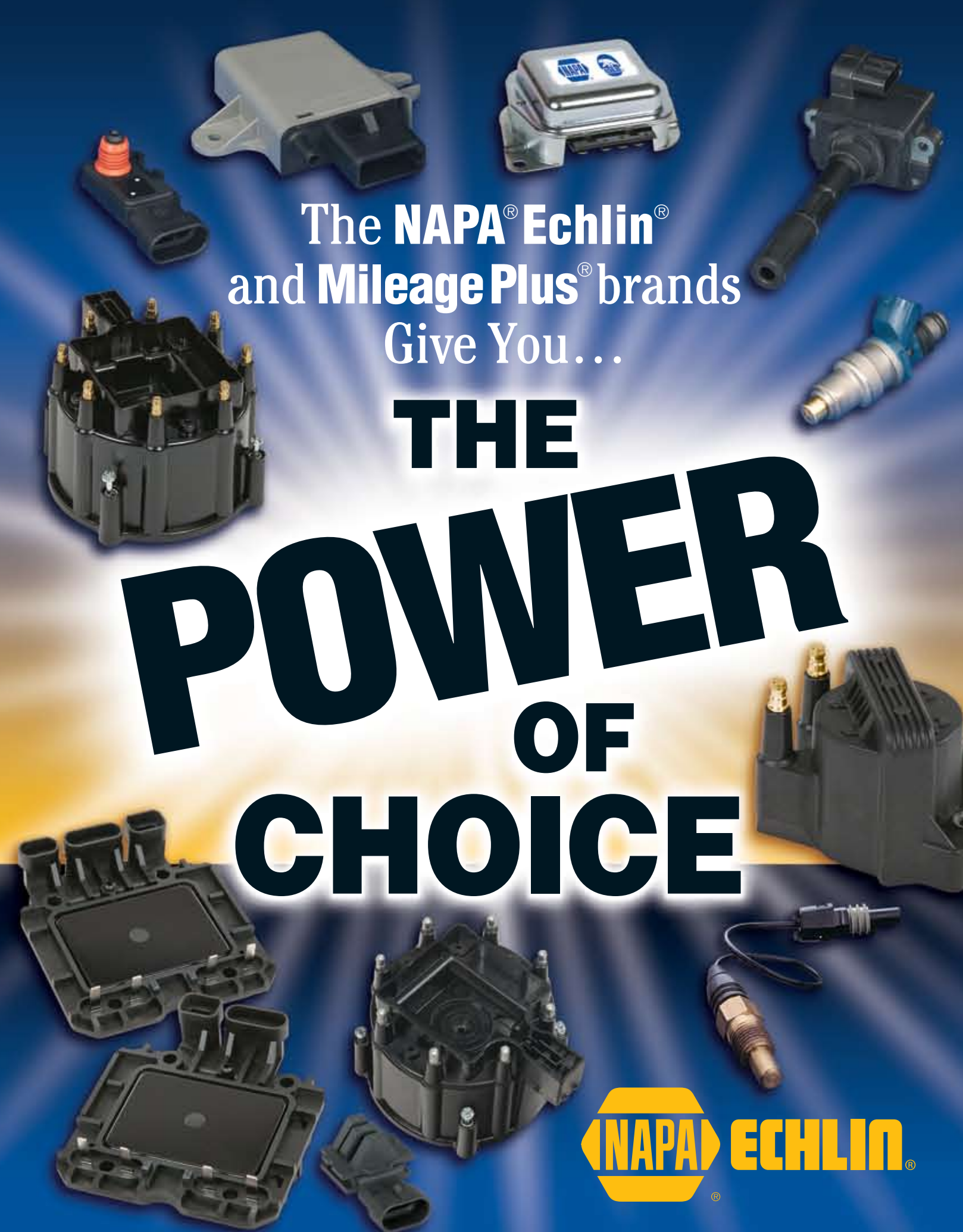


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The NAPA® Echlin®
and Mileage Plus® brands
Give You...

THE POWER OF CHOICE



A Quality Choice for Every Customer.

We're in business to serve our customers, but customers are not all the same. Some want only the best product, while others always want a lower price. NAPA Echlin supplies both with the NAPA Echlin and Mileage Plus lines of engine management parts. The end result is that NAPA Echlin provides the best "value" for each level. This guide will help you understand the differences between these two lines.

The NAPA Echlin Product Line.

- Top-of-the-line quality and performance.
- Complete coverage
- State-of-the-art designs that meet or exceed OE specifications.
- All products are 100 percent tested and inspected in an environment that is ISO 9000-compliant.

NAPA Echlin

Mileage Plus

The Mileage Plus Product Line.

- Value priced, competitive with retail auto parts chains.
- The most popular SKUs.
- Match OE quality and performance.



Ignition Control Modules

- The NAPA Echlin module will respond to a weak signal from the crankshaft position sensor and begin energizing the coils immediately. The benefit is better starts in cold weather.
- The NAPA Echlin module has double wire bonds. The benefit is better connections for greater dependability and longer life despite intense vibration and other harsh conditions of the automotive environment.
- The NAPA Echlin module has copper slug heat sinks. The benefit is better heat dissipation that prevents heat from damaging the module.
- Most NAPA Echlin modules for GM applications have the OE control chip. The benefit is exact OE performance.



- The Mileage Plus module has an OE-style single-wire bond for all connections, providing dependable service life.
- The Mileage Plus module has an OE-quality back plate for heat dissipation, so heat does not cause premature failure.

Distributorless Ignition System (DIS) Modules

- The NAPA Echlin module has a premium metallic finish cover plate. The benefit is a better appearance and better protection of the module from the harsh automotive environment.
- The NAPA Echlin module has double wire bonds. The benefit is better connections for greater dependability and longer life despite intense vibration and other harsh conditions.
- The NAPA Echlin module has copper slug heat sinks. The benefit is better heat dissipation that prevents heat from damaging the module.
- Most NAPA Echlin modules for GM applications have the OE control chip. The benefit is exact OE performance.



- The Mileage Plus module has a smooth black cover plate for OE look.
- The Mileage Plus module has a single-wire bond for all connections, providing secure electrical connections.
- The Mileage Plus module has an OE-quality back plate for heat dissipation, providing long life.

Throttle Position Sensors

- The NAPA Echlin sensor has a high-temperature engineered plastic body. The benefit is that it resists cracking and lasts longer.
- On sensors with a wire harness, the NAPA Echlin sensor has an abrasion-resistant nylon loom. The benefit is that this keeps the wires from rubbing together, for less wear and longer life.



- The Mileage Plus sensor has a smooth PVC loom for long life.
- The Mileage Plus sensor has a durable gray plastic body for OE-like performance.

Crankshaft & Camshaft Position Sensors

- The NAPA Echlin sensors use advanced-engineering thermoplastics. The benefit is resistance to cracking for greater durability over a wider range of temperatures.
- The NAPA Echlin sensors have a high grade, 100 percent fluoro elastomer O-ring, where applicable. The benefit is crack resistance, better operation at high temperatures, greater resistance to oil penetration and less oil leakage.



- Mileage Plus sensors use a compound fluoro elastomer material for the O-ring seal, to resist fuel leakage.
- Mileage Plus sensors have a durable gray plastic body for long life.

EGR Valves

- The NAPA Echlin valve has a yellow dichromate finish. The benefit is better rust resistance for longer life.
- The NAPA Echlin valve has an improved anti-rust coating on the machine casting. The benefit is additional protection against rust for maximum life.



- The Mileage Plus valve has a clear zinc finish to match the original look, instilling customer confidence.
- The Mileage Plus valve uses a light coat of oil for rust prevention and long life.

Distributor Caps, Conventional

- NAPA Echlin caps are made of the highest grade dielectric strength alkyd material. The benefit is resistance to dirt sticking, so there is less carbon tracking, ensuring maximum life.
- NAPA Echlin caps have solid brass inserts. The benefit is no oxidation for better lifetime conductivity.



- The Mileage Plus distributor cap uses glass-filled polyester resin with dielectric strength as high as 630 volts per mil, for optimum performance.
- The Mileage Plus distributor cap has aluminum terminals to match OE performance.

Distributor Caps, HEI Ignition

- The NAPA Echlin caps are made of a high dielectric strength, glass/mineral reinforced polyester resin. Dielectric strength is as high as 800 volts per mil. The benefit is less carbon tracking, greater resistance to electrical breakdown, and superior performance.
- The NAPA Echlin caps have solid brass terminals. The benefit is better connections and greater resistance to electrical pitting and erosion, so they last longer.
- The NAPA Echlin caps visually match OE. The benefit is greater customer confidence.



- The Mileage Plus cap uses a durable phenolic material, for long life.
- Mileage Plus caps have aluminum inserts to match OE performance.

Distributor Rotors

- NAPA Echlin rotors are made of the highest grade dielectric strength alkyd material. The benefit is resistance to dirt sticking, so there is less carbon tracking, ensuring long life.
- NAPA Echlin rotors have solid brass segments. The benefit is better conductivity, which provides a higher voltage spark to the plugs.
- NAPA Echlin rotors are the same color as OE. The benefit is a better visual match, instilling customer confidence.



- Mileage Plus rotors use a durable phenolic plastic for long life.
- Mileage Plus rotors have a stainless steel spring for OE performance.

Point Sets

- NAPA Echlin sets have a metal rocker arm. The benefit is better alignment.
- NAPA Echlin sets have a riveted phenolic rubbing block. The benefit is that the harder block holds lubricant better and lasts longer.



- Mileage Plus sets have a one-piece nylon plastic rocker arm and rubbing block to minimize contact chattering.
- Mileage Plus sets use a tungsten contact which provides a hard surface, for long life.

Condensers

- NAPA Echlin condensers use a high grade insulation. The benefit is that this keeps the windings from shorting out so the condenser lasts longer.
- NAPA Echlin condensers have a neoprene-insulated lead wire. The benefit is resistance to softening of the lead wire from contact with grease and oil, so it lasts longer.
- NAPA Echlin condensers have a rubber seal. The benefit is less infiltration of contaminants, for better performance and longer life.



- Mileage Plus condensers use a PVC insulated lead wire to prevent current leakage, for long life.
- Mileage Plus condensers use a PVC seal to eliminate contaminants, for reliable performance.



The POWER of Choice.

