



# Engine Controls - Coils

**Situation:** “Bad” coils are a primary cause of module failure.

Electrical current follows the path of least resistance. If the circuit has too much resistance (for example, ignition wires degrade with age), the current will look for another path. Many times that path is from the outer winding to inner winding. This destroys the coil and often the module. Replacing the module without fixing the causes (ignition wire and coil) will only lead to another module failure.

## **Solution: CARQUEST Advantage**

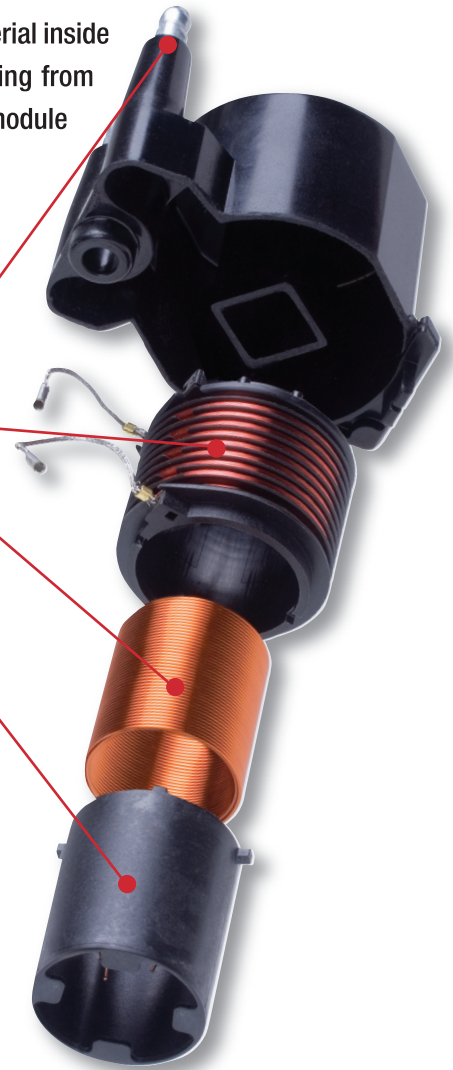
Our engineers nested a black plastic sleeve made of high-dielectric strength material inside the larger secondary winding in the DIS coil to prevent the current from jumping from winding to winding - making it no longer the path of least resistance - coil and module life extended! OE doesn't have this fix and neither does the competition.

## **Features:**

- Highly conductive aluminum towers **exact match to OE**
- Segregated secondary bobbin **exact match to OE**
- Precision wound copper primary winding **exact match to OE**
- High dielectric sleeve **improvement over OE**

## **Benefits:**

- Extremely low secondary coil resistance
- The best winding conductivity and durability available
- High voltage output
- Minimizes internal shorting
- Longer coil life
- Reduces ICM (ignition control module) stress
- Factory tested
- Less diagnostic time
- Fewer comebacks
- Factory warranty
- Customer satisfaction



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# Engine Controls - Coils

## Top Movers



### 52-1627

Acura, 2003-1999  
Honda, 2003-1999

### 52-1911

AMC, 1981-1980  
Buick, 1987-1977

### 52-1904

AMC, Audi, IHC, Jeep, 1983-1950  
Chrysler, Dodge, Plymouth, 1978-1956

### 52-1921

Chevrolet, 1995-1985  
Buick, 1995-1991, 1988-1985

### 52-1924

Buick, 2009-1986  
Cadillac, 1999-1993, 1988-1987

### 52-1549

Buick, 1996  
Cadillac, 1996

### 52-1974

Chrysler, 1993-1991  
Dodge, 1995-1991

### 52-2034

Dodge Trucks & Vans, 2006-2000  
Jeep, 2008-1999

### 52-1917

Ford, 1997-1982  
Ford Trucks, 1997-1983

### 52-1967

Ford, 2003-1991  
Ford Trucks, 2001-1988

### 52-1692

Ford, 2007-2001  
Ford Trucks, 2007-2001

### 52-1742

Audi, 2006-2000  
Volkswagen, 2006-2001

### 52-1743

Chev/GMC Trucks & Vans, 2006-2002  
Isuzu, 2008-2003

### 52-1761

Ford, 2009-1998  
Ford Trucks, 2009-1997

### 52-1787

Ford, 2007-2004, 2000  
Ford Trucks, 2006-2001

### 52-1739

Mazda, 2008-2002

### 52-1839

Ford, 2007-2005  
Ford Trucks, 2008-2004

## Top Gainers



### 52-2016

Universal 12 volt used on most imports with 12 volt system with internal resistor

### 52-1709

Ford, 2004-1999  
Ford Trucks, 2009-2001

### 52-1953

Ford, 2000-1989  
Ford Trucks, 2000-1995

### 52-1571

Ford, 2009-1989  
Ford, 2005-1999

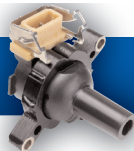
### 52-1710

Jaguar, 2003-2000  
Lincoln, 2005-2000

### 52-1788

Mazda, 2007-2004

## Import Sampling



### 52-1935

Acura, 2001-1992  
Honda, 2002-1990

### 52-2016

Universal 12 volt used on most imports with 12 volt system with internal resistor

### 52-1640

BMW, 2003-1996

### 52-2001

Geo, 1997-1993  
Toyota, 1997-1987

### 52-1630

Hyundai, 2006-1999  
Kia, 2006-2001

### 52-1657

Infiniti, 2001-2000  
Nissan/Datsun, 2001-2000

### 52-1501

Infiniti, 1999-1996  
Nissan/Datsun, 1999-1995

### 52-1502

Infiniti, 1999-1996  
Nissan/Datsun, 1999-1995

### 52-1636

Ford, 2005-2002  
Jaguar, 2000

### 52-1574

Kia, 2002-1995

### 52-1597

Toyota, 2006-2000

### 52-1596

Lexus, 2004-1998  
Toyota, 2009-2003, 2001-1998

### 52-1519

Toyota, 2004-1995

### 52-1746

Nissan/Datsun, 2005-2002