



Engine Controls - Cam & Crank Position Sensors

Situation: EMI and/or RFI affects sensor output to processor

Electromagnetic (EMI) and/or radio frequency (RFI) interference and resulting sensor malfunction can cause the engine to stall, misfire and/or trigger one or more false trouble codes.

Solution: **CARQUEST Advantage**

CARQUEST digital cam and crank position sensors feature a proven technology that provides increased accuracy through a stronger and more consistent signal.

Repair tips:

- Proper testing of a cam or crank position sensor on a late-model vehicle requires a lab scope.
- Not all 2-wire position sensors are reluctance type sensors; many are magnetoresistive sensors.
- Failed sensor connectors are not unusual. Always carefully inspect the connector when diagnosing a failed component.

Features: (features and benefits vary by style of component)

- Validation tested from -40 to 300 degrees Fahrenheit
- Life-cycle tested to meet or exceed OE specifications
- OE-style brackets, hold downs, hardware, spacers and weather-tight connectors
- O-rings and seals included, if required
- Ford application part (F153) redesigned with over-molded magnets to eliminate common product failures (and additional damage) associated with OE design

Benefits:

- Proper alignment, positioning and spacing for faster, easier installation
- Sensor is properly sealed to prevent leaks, which reduces comebacks
- Sealed connections to prevent environmental corrosion and performance issues
- Direct OE replacement
- Performs as well as or better than OE
- Longer component life

Digital Type Sensor



Analog Type Sensor



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Top Movers



71-4842

Buick, 2009-1993,
Chevrolet, 2005-1995

71-5097

Nissan/Datsun,
2009-2002

71-5108

Infiniti, 2008-2002
Nissan/Datsun, 2008-2002

71-4841

Buick, 1992-1988
Chev/GMC Trucks & Vans, 1992

71-4553

Chrysler, 1998-1995
Dodge, 2005-1995

71-4984

Jeep, 2004-1997

71-4863

Chev/GMC Trucks & Vans,
2007-1995
Isuzu, 2002-1996 1991-1990

71-4558

Chrysler, 2009-1995
Dodge, 2006-1995

71-4870

Chrysler, 2002-1995
Dodge, 2002-1995

71-4785

Oldsmobile, 2002-1999

71-4894

Dodge Trucks & Vans,
2003-1997
Jeep, 1998-1997

71-4534

Chev/GMC Trucks & Vans,
2007-1995
Isuzu, 2002-1996

71-4633

Chrysler, 2007-2005
Dodge, 2007-2005

71-4658

Ford, 2007, 2004-1998
Ford Trucks & Vans, 2008-1998

71-4925

Ford, 2009-1992
Ford Trucks & Vans,
2009-1997

Top Gainers



71-5218

Ford, 2007, 2004-1995
Ford Trucks & Vans,
2006-2005, 2003

71-4514

Infiniti, 2008-2002
Nissan/Datsun, 2009-2002

71-4796

Acura, 2001-1996
Honda, 2001-1996

71-4889

Dodge Trucks & Vans,
2001-1998

71-4853

Chevrolet, 2002-1998
Pontiac, 2006-2003

71-4953

Hyundai, 2005-2001
Kia, 2003-2002

71-4668

Ford, 2003-1998
Mercury, 2002-1998

71-4694

Kia, 2006-2003

71-4575

Ford Trucks & Vans, 2001-1996,
Mazda, 2000-1996

71-5284

Ford Trucks & Vans,
2009-2004

Import Sampling



71-5224

Infiniti, 2009-2002
Nissan/Datsun, 2009-2000

71-4948

Hyundai, 2005-1999
Kia, 2005-2001

71-4963

Infiniti, 2004-2000
Nissan/Datsun, 2002-1995

71-4652

Daewoo, 2002-1998
Isuzu, 2003-1998

71-4615

Infiniti, 2001-1996
Nissan/Datsun, 2001-1995

71-4762

Acura, 1997-1996
Buick, 2009-1995

71-4958

Infiniti, 2002-1996
Nissan/Datsun, 2001-1995

71-5091

Hyundai, 2006-2001

71-4797

Acura, 1999-1997
Honda, 2002-1995

71-4951

Hyundai, 2006-2000

71-4942

Honda, 2005-2001

71-5050

Nissan/Datsun, 2004-1998

71-4962

Infiniti, 1999-1997
Nissan/Datsun, 1999-1996

71-4777

Subaru, 2009-1993

71-4943

Hyundai, 2006, 2001-1995