

N - REMOVE/INSTALL/OVERHAUL

Article Text

1993 Honda Prelude

For Cadi Centre Nsk CA 95051

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ARTICLE BEGINNING

1993 ENGINE PERFORMANCE

Honda Removal, Overhaul & Installation

Accord, Civic, Civic Del Sol, Prelude

INTRODUCTION

Removal, overhaul and installation procedures (when given by manufacturer) are covered in this article. If component removal and installation is primarily an unbolt and bolt-on procedure, only a torque specification may be furnished.

IGNITION SYSTEM

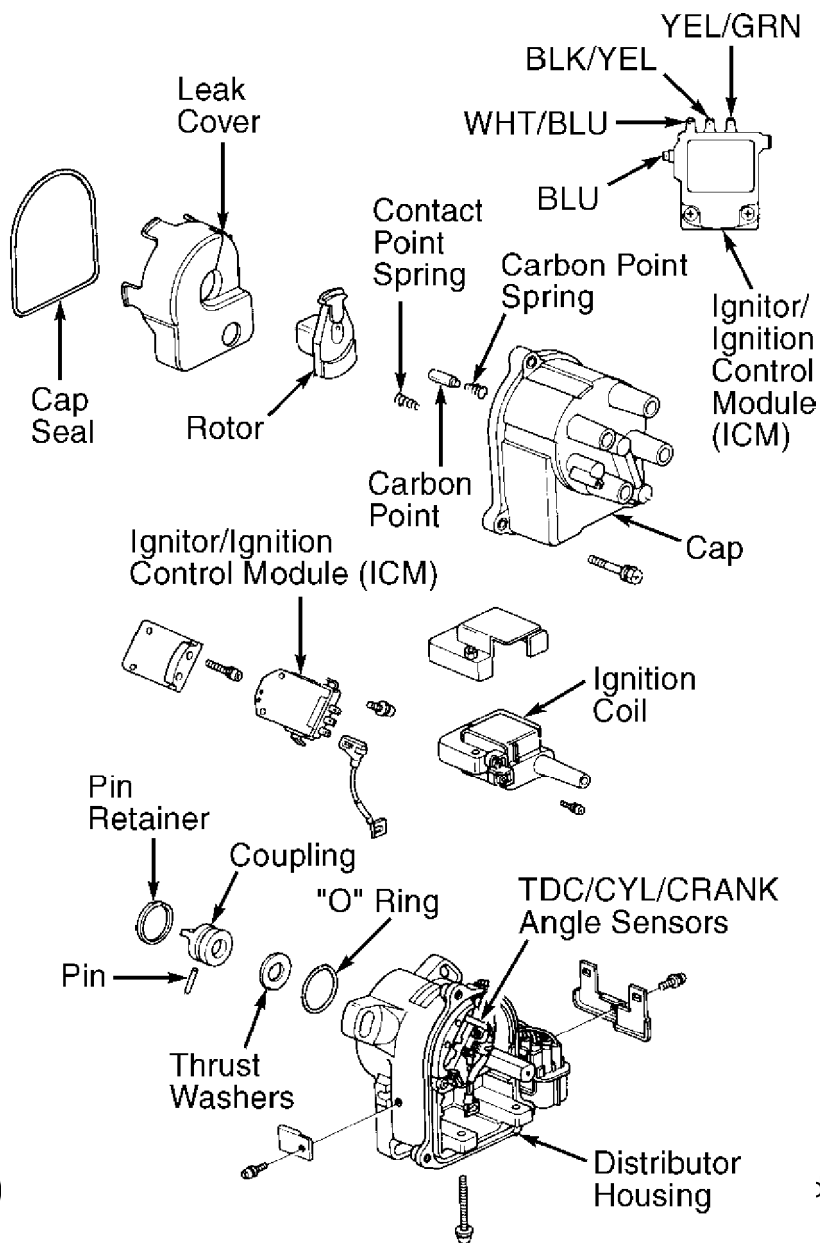
DISTRIBUTOR

Removal & Installation

Disconnect 2-pin and 8-pin connectors from distributor. Disconnect spark plug wires and coil wire from distributor cap. Remove distributor hold-down bolts. Remove distributor from cylinder head. To install, coat NEW "O" ring with engine oil and put into place. To complete installation, reverse removal procedure. Set timing to specification. See D - ADJUSTMENTS article.

NOTE: Lugs on distributor shaft and mating grooves in camshaft end are offset to eliminate possibility of installing distributor 180 degrees out of time.

NOTE: Manufacturer's overhaul instructions are not available. See Figs. 1 and 2.



N - REMOVE

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Fig. 1: Exp. View Of Dist. W/ Internal Ignitor (Accord & Prelude)
 Courtesy of American Honda Motor Co., Inc.

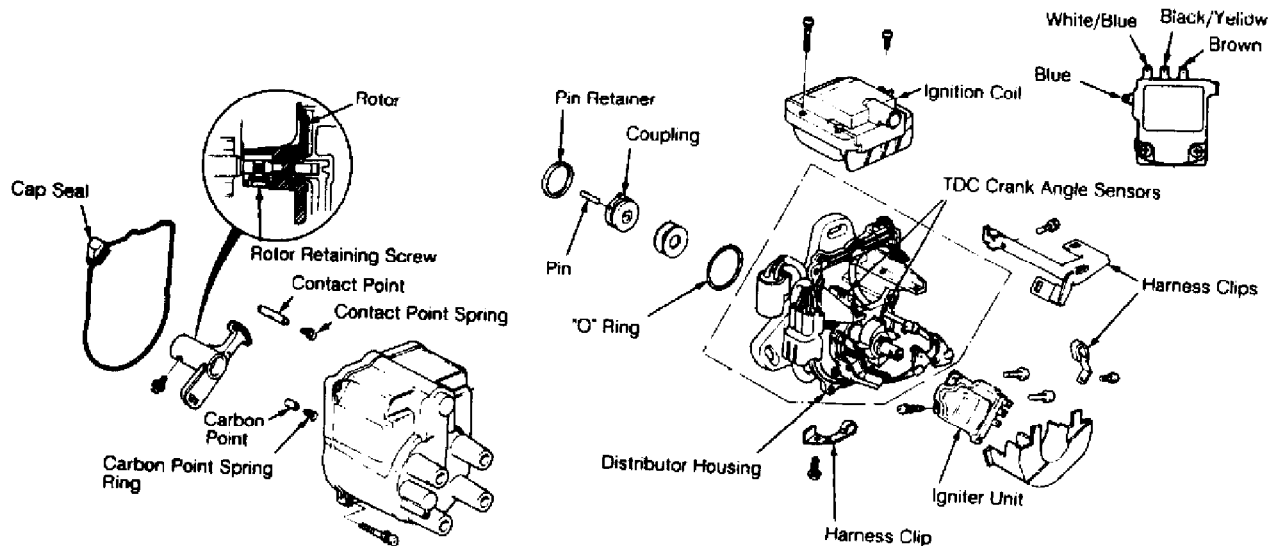


Fig. 2: Exp. View Of Dist. W/ Internal Ignitor (Civic & Civic Del Sol)

Courtesy of American Honda Motor Co., Inc.

IGNITION COIL

Removal & Installation (Civic & Civic Del Sol)

Ensure ignition switch is in OFF position. Remove distributor cap, cap seal and leak cover. Remove 2 screws to disconnect Black/Yellow and White/Blue wires from coil primary terminals. Remove 4 mounting screws. Slide ignition coil out of distributor housing.

NOTE: Accord and Prelude ignition coils are externally mounted in engine compartment. Removal and installation instructions are not necessary.

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FUEL SYSTEM

WARNING: ALWAYS relieve fuel pressure before disconnecting any fuel injection related component. DO NOT allow fuel to contact engine or electrical components.

FUEL SYSTEM PRESSURE RELEASE

To relieve fuel pressure, remove fuel filler cap. Disconnect

battery ground cable. Hold banjo bolt with proper wrench and slowly loosen service bolt on top of fuel rail. Place a shop towel on top of service bolt. Loosen service bolt one complete turn. Always install NEW washer between service and banjo bolts when loosened.

FUEL PUMP

WARNING: Keep open flames away from work area.

Removal & Installation

On Accord and Civic, remove fuel tank. On Civic, remove rear seat, remove access cover. On Prelude and Civic Del Sol, remove left maintenance access cover in luggage compartment. On all models, disconnect fuel lines and harness connector. Remove fuel pump mounting bolts. Remove fuel pump from fuel tank. To install, reverse removal procedure.

FUEL RAIL & INJECTORS

Removal

Relieve fuel pressure. See FUEL SYSTEM PRESSURE RELEASE under FUEL SYSTEM. Disconnect electrical connectors from injectors. Disconnect vacuum and fuel return hoses from fuel pressure regulator. Place a shop towel over hoses before disconnecting them. Loosen retaining nuts on fuel rail and harness holder. Disconnect fuel rail. Remove injectors from intake manifold.

Installation

Place NEW "O" rings on injectors, and coat with engine oil. Assemble injectors on fuel rail. Install fuel rail assembly into intake manifold. To complete installation, reverse removal procedure.

OXYGEN (O2) SENSOR

Removal & Installation (Accord & Prelude)

1) On models with double exhaust manifold outlets, O2 sensor is mounted in exhaust pipe just below exhaust header. On models with single outlet exhaust manifold, O2 sensor is mounted in exhaust manifold above exhaust pipe flange.

2) O2 sensor is equipped with a permanent pigtail which must be protected from damage when sensor is removed. Ensure sensor is free of contaminants. Avoid using cleaning solvents of any type. Sensor may be difficult to remove when engine temperature is less than 120°F (49°C). Always use anti-seize compound on threads prior to installation. Tighten sensor to specification.

Removal & Installation (Civic & Civic Del Sol)

O2 sensor is mounted in exhaust manifold above exhaust pipe N-REMC

flange. Sensor is equipped with a permanent pigtail which must be protected from damage when sensor is removed. Ensure sensor is free of contaminants. Avoid using cleaning solvents of any type. Sensor may be difficult to remove when engine temperature is less than 120F (49oC). Always use anti-seize compound on threads prior to installation. Tighten sensor to specification.

THROTTLE BODY

NOTE: Torque throttle body mount nuts to 16 ft. lbs. (22 N.m).

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS TABLE		
AA		
Application		Ft. Lbs. (N.m)
Banjo Bolt		16 (22)
Distributor Retaining Nuts		16 (22)
Fuel Tank		
Drain Bolt		36 (50)
Mounting Nuts		16 (22)
Oxygen (O2) Sensor		33 (45)
Throttle Body Mounting Nuts		16 (22)
		INCH Lbs. (N.m)
Fuel Pump Retaining Nuts		48 (6)
AA		

END OF ARTICLE