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Honda gc160 spark plug part number

Spark plug

Spark plugs have an important task to perform in your engine. They produce an electrical spark that ignites the mixture of fuel and air in you engine's combustion chambers, causing the pistons to move up and down. This movement of pistons is what ultimately gets your car's wheels moving, so this little spark is a critical part of the whole process; it initiates the combustion in your internal combustion engine.But like many parts of your engine, spark plugs won't last forever. Every time they fire, the spark removes some of the metal on the plugs, increasing the voltage necessary to fire the next time.Besides age, many other things can cause your spark plugs to wear out. They're subjected to a number of forces inside the engine, including heat, gasoline and oil that can reduce their effectiveness. High performance engines and engines that rev to high RPMs also tend to wear out quicker.For all of these reasons, it's important to replace your spark plugs from time to time. Fortunately, high-quality spark plugs should last tens of thousands of miles, so replacing them is not something you'll have to do often. Even if you don't put many miles on your vehicle, it's something that should be done at least every few years.So how long do they typically last? Well, standard copper plugs are said to last anywhere from 10,000 to 20,000 miles (16,093 to 32,187 kilometers), while more expensive iridium or platinum spark plugs can last 60,000 miles (96,561 kilometers) or more [source: Spark plugs UK]. Some high-end iridium plugs are advertised to go more than 120,000 miles (193,121 kilometers), but there's no actual guarantee they'll be able to achieve this [source: AA1Car].If you're not keeping track of your spark plugs' mileage, there are several symptoms to look for that can tell you it's time to have them replaced. If the engine has trouble starting, is rough at idle, stalls, or experiences a drop in fuel economy it may be time to have the plugs looked at by a mechanic. It's often easy to tell just from looking at the plugs whether they're worn out or not [source: Caradonna].For more information about spark plugs and other related topics, follow the links on the next page. In Honda car significantly changed the Honda car giving it more aggressive body-lines, as well as elongating the headlight and taillight assemblies. The Honda car came in both a coupe and sedan body style. To access the Honda car spark plugs, you must remove the small plastic cover on top of the engine and remove the coil packs. Under The Hood: How to Change the Spark Plugs on a 1993 CivicCheck the gap of all four new spark plugs, using a spark plug gap tool. The 1.5- and 1.6-liter engines require a gap from 0.039 to 0.043 inches. Adjust the gap, using the spark plug gap tool, as needed.Grab the rubber boot on the engine side of the spark plug wire and pull upward with a twisting motion to remove the wire. Inspect the wire for any defects, such as cracking, splitting, visible aging or brittleness. Replace all of the spark plug wires if defects exist on any of the wires. Make certain to only remove and replace one wire at a time to retain the correct firing order.Remove the spark plug with a ratchet, spark plug socket and a 6-inch extension. Pull the spark plug from the socket and insert a new plug into the socket until the rubber insert in the socket holds it in place. Hand-tighten the spark plug into the engine, using the 6-inch extension and spark plug socket.Torque the spark plug to 13 foot-pounds, using a torque wench, spark plug socket and a 6-inch extension.Apply a thin coat of dielectric grease into the inside of the spark plug boot and set the spark plug boot wire onto the spark plug. Press down on the spark plug wire boot until you feel it "click" onto the spark plug.Repeat Steps 2 through 5 to replace all four spark plugs and wires, if needed. 4 new ZF5R-11, or equivalent, spark plugs (D15B7 engine)4 new ZF4R-11, or equivalent, spark plugs (D15B8 and D15Z1 engines)4 new ZF5J-11, or equivalent, spark plugs (D16Z6 engine)Spark plug gap toolSpark plug wires (optional)RatchetSpark plug socketTorque wrenchDielectric grease How to Change the Spark Plugs on a 2002 Honda Civic LXCheck the spark plug on all four new NGK PZFR6F-11, or equivalent, spark plugs using a spark plug gap tool. The 1.7-liter engine requires a spark plug gap from 0.039 to 0.043 inches. Exchange any incorrectly gapped plugs for new ones, as these spark plugs are non-adjustable.Remove the coil pack cover -- the small plastic cover on top of the Civic's engine -- by turning the plastic retaining screw a quarter-turn, using a flat-head screwdriver and pulling the cover off the engine.Press the locking tab on the coil pack wiring harness and pull the harness from the coil pack.Looseen the coil pack-retaining nut, using a ratchet and socket. Pull the coil pack upward to remove it from the spark plug.Remove the spark plug from the engine, using a ratchet and 16 mm spark plug socket. Pull the old spark plug from the spark plug socket. Insert a new spark plug into the 16 mm spark plug socket until the spark plug seats in the socket.Hand-tighten the spark plug into the engine, using the spark plug socket. Using a torque wrench and the 16 mm spark plug socket tighten the spark plug to 13 foot-pounds.Set the coil pack onto the spark plug and press it downward until you feel the coil pack click into place. Tighten the coil pack nut to 13 foot-pounds, using a torque wrench and socket. Plug the wiring harness back into the coil pack.Repeat Steps 3 through 7 to replace the remaining three spark plugs.Set the coil pack cover back on top of the engine and turn the two retaining screws a quarter-turn clockwise, using a flat-head screwdriver, to lock it into place. 4 new NGK PZFR6F-11, or equivalent, spark plugsSpark plug gap toolFlat-head screwdriverRatchetSocket set16 mm spark plug socketTorque wrench How to Replace Spark Plugs in a Honda AccordCool the Accord engine. Park the car in a shaded area and pop the hood. If you change spark plugs in a warm or hot engine, it causes cylinder head damage.Remove the plastic engine cover if the Accord was made after 2000. Locate the spark plug wires along the sides or across the top of the engine. The wires slide over the spark plug.Grab the wire boot, which is at the end of the wire. Turn the wire 1/2 turn to the right and 1/2 turn to the left to release the lock. Pull back on the wire to remove it. Replace one spark plug at a time. If a wire is placed on the wrong cylinder, it may damage the engine, so your best bet is to work with only one spark plug at a time.Unscrew and remove the old spark plug from the cylinder well. On models made after 2000, the spark plug wires are on top of the engine and an extension is needed to remove and install the spark plugs.Apply a coat of anti-seize lubricant around the threads of the new spark plug and on the wire boot.Slide the new spark plug into the cylinder well and manually tighten it in place.Test the tension and set the spark plug to the correct tension. The required tension varies by spark plug manufacturer, so check the spark plug's packaging for the tension needed for an Accord engine. Reconnect the spark plug wire.Repeat Steps 3 through 7 for the remaining spark plugs. Replace the plastic dust cover after all the spark plug are replaced. ScrewdriverSpark plug socketSocket wrench and extensionAnti-seize lubricantNew spark plugsTension tester tool How to Replace Spark Plugs in a Honda CR-VLocate the spark plug cables along the top or the sides of the engine, depending on CR-V model. Once the engine cools, use the trim panel tool to twist the spark plug wire at the wire's boot, which is the larger rubber portion located on top of the spark plug.Pull back on the spark plug wire to remove it from the spark plug.Place the socket on top of the spark plug and turn it counter-clockwise to unscrew and remove the spark plug from the well.Rub anti-seize lubricant onto the new spark plug threads and on the tip of the spark plug.Insert the new spark plug into the well. Manually turn the plug clockwise to thread the spark plug into place.Test the tension on the plug with the tension testing tool. Adjust the tension as needed. Honda CR-V spark plugs generally need a tension between 10 and 15 foot pounds. The spark plug's packaging indicates its suggested tension.Replace the spark plug wire, turn it from side to side and lock it into place. Continue the process with the rest of the spark plugs one at a time until all of the spark plugs are replaced. Spark plug socketSocket wrench with extensionAnti-seize compoundNew spark plugsTension testing toolTrim panel removal tool

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