

This section explains the maintenance items specified for your Civic GX. Other maintenance items and schedules are described in the primary owner's manual. Refer to the important safety precautions and instructions in that owner's manual.

The fuel system is under high pressure (maximum 3,600 psi/24,800 kPa). It has no user-serviceable parts, and its components must not be modified. Whenever maintenance is required, take your car to an authorized Honda Civic GX dealer, or a qualified NGV technician.

WARNING

Tampering with, or improperly maintaining the high-pressure fuel system can cause a dangerous condition in which you can be seriously hurt or killed.

Never attempt to modify the fuel system, and always have maintenance performed by an authorized Honda Civic GX dealer.

Maintenance Schedule

Service at the indicated distance or time – whichever comes first.	miles x 1,000	15	30	45	60	75	90	105	120
	km x 1,000	24	48	72	96	120	144	168	192
	months	12	24	36	48	60	72	84	96
Inspect valve clearance			●		●		●		●
Inspect spark plugs* ¹			●		●		●		●
Replace spark plugs								●	
Inspect fuel filter* ²	Inspect every 7,500 miles (12,000 km) or 12 months								
Replace fuel filter element		●		●		●		●	
Inspect fuel tank* ³	Inspect every 3 years or 36,000 miles, whichever comes first, after the production date of fuel tank								

* 1 : See Spark Plugs on page 22 for inspection information.

* 2 : Including drain

* 3 : See Fuel Tank on page 21 for inspection and replacement information.

Fuel tank should be replaced fifteen years after it was manufactured.

Maintenance Schedule (listed by distance/time)

Service at the indicated distance or time, whichever comes first. Do the items in **A, B** as required for each distance/time interval.

7,500 mi/12,000 km/1 yr	Do items in A.
15,000 mi/24,000 km/-	Do items in A.
22,500 mi/36,000 km/1½ yrs	Do items in A.
30,000 mi/48,000 km/2 yrs	Do items in A, B.
37,500 mi/60,000 km/2½ yrs	Do items in A.
45,000 mi/72,000 km/3 yrs	<input type="checkbox"/> Inspect fuel tank.* ¹ Do items in A.
52,500 mi/84,000 km/3½ yrs	Do items in A.
60,000 mi/96,000 km/4 yrs	Do items in A, B.
67,500 mi/108,000 km/4½ yrs	Do items in A.
75,000 mi/120,000 km/5 yrs	Do items in A.
82,500 mi/132,000 km/5½ yrs	Do items in A.
90,000 mi/144,000 km/6 yrs	<input type="checkbox"/> Inspect fuel tank.* ¹ Do items in A, B.
97,500 mi/156,000 km/6½ yrs	Do items in A.
105,000 mi/168,000 km/7 yrs	<input type="checkbox"/> Replace spark plugs. Do items in A.
112,500 mi/180,000 km/7½ yrs	Do items in A.
120,000 mi/192,000 km/8 yrs	Do items in A, B.

A Inspect fuel filter (including drain).

B Inspect valve clearance.

Inspect spark plugs.*²

Replace fuel filter element.

* 1 : Inspect fuel tank every 3 years or 36,000 miles, whichever comes first, after the production date of fuel tank regardless of driving distance.
See Fuel Tank on page 21 for inspection and replacement information.

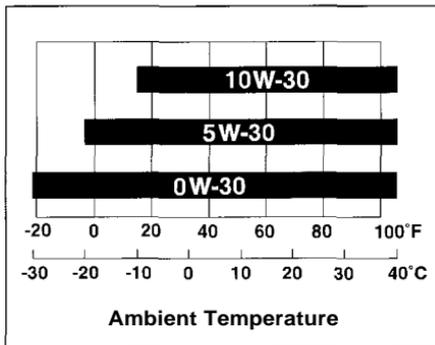
Fuel tank should be replaced fifteen years after it was manufactured.

* 2 : See Spark Plugs on page 22 for inspection information.

Engine Oil, Engine Coolant

Engine Oil

An engine oil labeled "API Service SJ" with a viscosity of 5W-30 is recommended for your Civic GX.



An oil with a viscosity of 5W-30 is preferred for improved fuel economy and year-round protection in your Honda. You may use a 0W-30 oil if the temperature in your area regularly goes below -4°F (-20°C).

Refer to the primary owner's manual for engine oil adding and changing procedures.

Engine oil change capacity (including filter):
3.5 US qt (3.3 ℓ , 2.9 Imp qt)

Engine Coolant

Refer to the primary owner's manual for engine coolant adding and replacement procedures.

Engine coolant change capacity:
0.85 US gal (3.2 ℓ , 0.70 Imp gal)

The fuel tank meets the safety standards of NGV-2/NFPA-52/DOT NHTSA FMVSS 304. The fuel tank should be inspected every three years after the production date of the fuel tank. Have a qualified technician inspect the fuel tank for damage or leaking.

You should also have the fuel tank inspected after a collision.

The fuel tank should be replaced fifteen years after it was manufactured. The expiration date of the fuel tank is on a label on the fuel tank and on a warning label in the engine compartment.

Have a qualified technician replace the fuel tank. Do not reuse the old fuel tank.

HOOD

⚠ WARNING

THIS VEHICLE IS FUELED BY COMPRESSED NATURAL GAS STORED AT HIGH PRESSURE. DO NOT ATTEMPT TO SERVICE FUEL SYSTEM WITHOUT PROPER SYSTEM DEPRESSURIZATION. TO AVOID RISK OF INJURY THIS VEHICLE SHOULD ONLY BE SERVICED BY A QUALIFIED TECHNICIAN. CNG TANK PRESSURE RELIEF DEVICE WILL VENT AT 103°C (217°F); DO NOT PARK OR SERVICE VEHICLE NEAR ANY SOURCE OF EXCESSIVE HEAT OR OPEN FLAME. DO NOT USE PAINT OVEN TO ANY PAINT REPAIRS.

SYSTEM SERVICE PRESSURE : 24.8 MPa (3600PSIG)
 BUILT BY : HONDA OF AMERICA MFG. INC.
 CNG TANK EXPIRATION DATE : _____
 TOTAL WATER VOLUME OF CNG TANK : 100 (L)

CNG TANK EXPIRATION DATE

FUEL TANK

<p>CNG ONLY NGV2-4</p> <p style="text-align: center;">GA <small>Certification No. : C1441001</small></p> <p>SERVICE PRESSURE 24800 KPA (3600 PSIG)</p> <p style="text-align: center;">LINCOLN COMPOSITES PUFFSHIEL™</p> <p>SN 05-004 MODEL# RC36A18-037PQ MF'D IN : 01-98 MAX TEMP 180 °F</p> <p style="text-align: center;">DO NOT USE AFTER 2013</p>	<p>DOT TYPE 4</p> <p><small>Re-inspection: Stamp/Date</small></p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
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CNG TANK EXPIRATION DATE

FUEL TANK

CNG ONLY

Safety Information

1. Maximum test fill pressure not to exceed 125% of service pressure (temperature corrected to 70°F)
2. Installation, inspection and service is to be performed by competent personnel. Consult the installation manual for appropriate procedures.
3. If this vehicle is involved in a collision or fire, or if the tank becomes damaged, as may be indicated by surface cuts, abrasions, gouges or localized discoloration or paint chipping, the tank must be depressured and removed from service. Consult inspection guidelines issued by tank manufacturer.

IF THERE IS A QUESTION ABOUT THE PROPER USE, INSTALLATION, OR MAINTENANCE OF THIS CONTAINER CONTACT :

LINCOLN COMPOSITES
 4300 INDUSTRIAL AVE, LINCOLN, NE, USA
 PHONE 1-402-464-8211

THIS CONTAINER SHOULD BE VISUALLY INSPECTED AFTER A MOTOR VEHICLE ACCIDENT OR FIRE AND AT LEAST EVERY 36 MONTHS OR 36,000 MILES, WHICHEVER COMES FIRST, FOR DAMAGE AND DETERIORATION



Spark Plugs

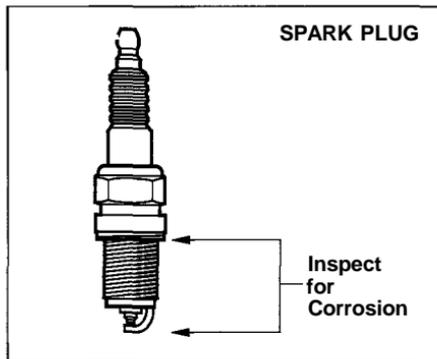
The spark plugs in your car are a special platinum-tipped design for longer life. They need to be replaced every 7 years or 105,000 miles (168,000 km), whichever comes first.

For the replacement procedure, refer to the primary owner's manual. The spark plug tightening torque is: 11 lbf·ft(15N·m, 1.5kgf·m)

The condition and gap of the spark plugs should be inspected according to the time and distance recommendations in the maintenance schedule in this supplement.

Inspection

To inspect the spark plugs, follow the replacement procedure for removal and reinstallation described in the owner's manual.



Inspect the threads and tip of the spark plugs for corrosion. If you find any corrosion in that area, the spark plugs should be replaced. You should not clean the spark plugs with a wire brush and reuse them.

Specifications:
NGK: PFR7N-D

Spark Plug Gap:
0.03 in (0.8 mm) $\begin{matrix} +0 \\ -0.1\text{mm} \end{matrix}$

The recommended cold tire pressures for most normal driving conditions is shown below.

Tire Size	Cold Tire Pressure for Normal Driving
P185/65R14 85S	Front/Rear: 30 psi (210 kPa , 2.1 kgf/cm ²)

The compact spare tire pressure is:
60 psi (420 kPa , 4.2 kgf/cm²)

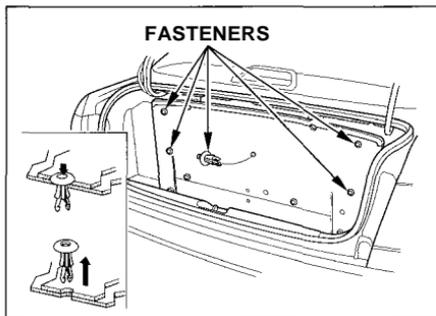
These pressures are also given on the tire information label on the driver's doorjamb.

Tire pressures for high speed driving are shown below. Honda strongly recommends that you not drive faster than posted speed limits and conditions allow.

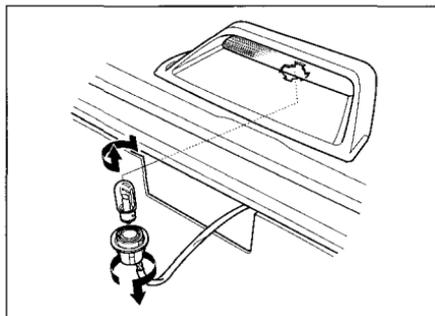
Tire Size	Cold Tire Pressure for Speeds over 100 mph (160 km/h)
P185/65R14 85S	Front/Rear: 36 psi (250 kPa , 2.5 kgf/cm ²)

Lights

Replacing a High-mount Brake Light Bulb

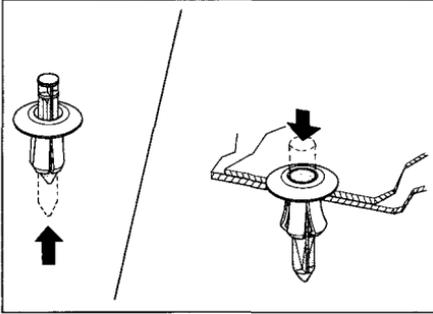


1. Open the trunk.
2. Undo the five fasteners on the upper part of the trunk lining by pushing on the center of each fastener's head until it pops in. Pull the lining back.



3. Remove the socket from the light assembly by turning it one-quarter turn counterclockwise.
4. Remove the bulb by turning it one-quarter turn counterclockwise.

5. Install the new bulb in the socket. Turn it clockwise to lock it in place.
6. Reinstall the socket. Turn it clockwise until it locks. Make sure the new bulb is working.
7. Reinstall the trunk lining.



8. Reset each fastener by pushing on its pointed end until it pops back almost flush with the fingers on the housing.
9. Put each fastener in the hole of the lining and push on its center until it locks (the center is flush with the head).

Storing Your Vehicle

If you need to park your vehicle for an extended period, refer to **Storing Your Vehicle** in the primary owner's manual for information. In addition to these procedures, you should do the following with your Civic GX:

- Turn the manual shut-off valve to the OFF position (see **Manual Shut-off Valve** on page 13 in this supplement).
- If you store your vehicle indoors, it should be parked in a well ventilated area. We recommend the installation of a natural gas leak detector.

After storing your vehicle for an extended period, and before starting the engine for the first time, open the trunk and leave it open for several minutes. This allows any natural gas vapors that have collected in the trunk to dissipate.