

# Ignition Coil and Spark Plug Removal/Installation

(Information sourced from 2018 Honda Fit Repair Manual)



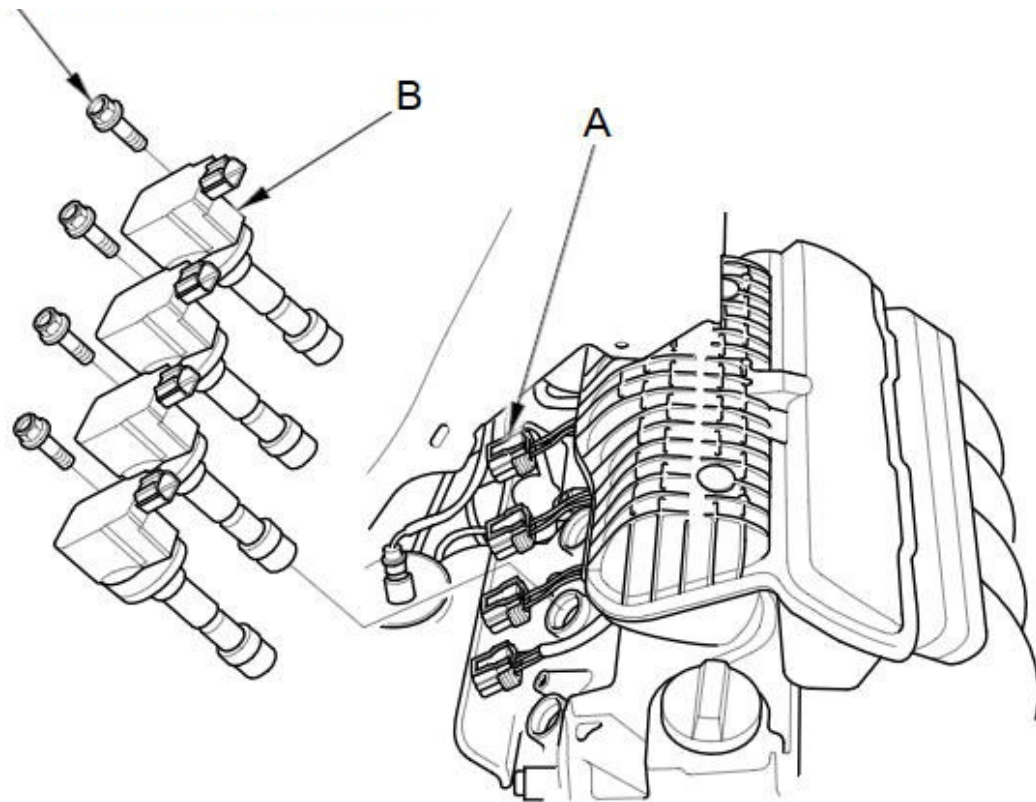
## Honda-Recommended Maintenance Intervals

**Inspect:** Every 30,000 miles (approx. equivalent to 500 engine hours)

**Replace:** Every 105,000 miles (approx. equivalent to 1700 engine hours)

1. Disconnect the ignition coil connectors (A), then remove the ignition coils (B).

**6 x 1.0 mm**  
**9.8 N-m / 1.0 kg-m / 7 lb-ft**



2. Remove the spark plugs and inspect them.
3. Apply a small amount of anti-seize compound to the plug threads, and screw the plugs into the cylinder head, finger tight. Tighten the plugs to the specified torque.

### Specified Spark Plug Torque:

**18 N-m / 1.8 kg-m / 13 lb-ft**

4. Install all remaining parts in the reverse order of removal.

# Spark Plug Inspection/Replacement

(Information sourced from 2018 Honda Fit Repair Manual)

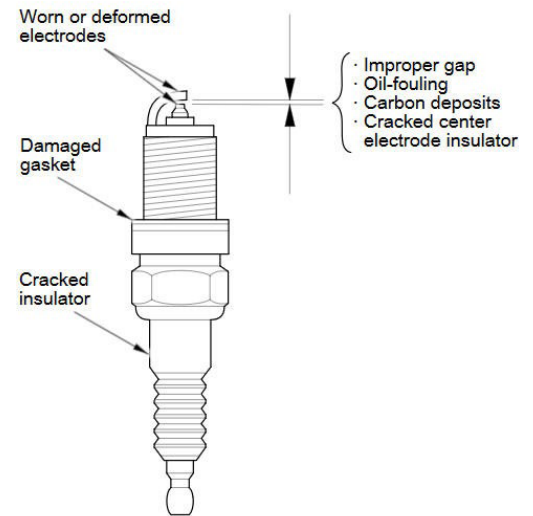


## IMPORTANT:

Do **NOT** adjust the gap of iridium tip plugs.  
Do **NOT** use a plug cleaner.

1. Remove the ignition coils and the spark plugs.
2. Inspect the electrodes and the ceramic insulator:

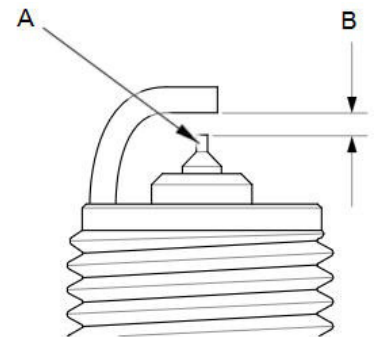
- **Burned or worn electrodes** may be caused by these conditions:
  - Advanced ignition timing
  - Loose spark plug
  - Plug heat range too hot
  - Insufficient cooling
- **Fouled plugs** may be caused by these conditions:
  - Retarded ignition timing
  - Oil in combustion chamber
  - Incorrect spark plug gap
  - Plug heat range too cold
  - Excessive idling/low speed running
  - Clogged air cleaner element
  - Deteriorated ignition coils



3. Replace the plug at the specified interval, or if the center electrode (**A**) is rounded, or if the spark plug gap (**B**) is out of specification, or if the spark plug electrode is dirty or contaminated. Use only the spark plugs recommended.

**Standard Electrode Gap (New):**  
**1.2 to 1.3 mm / 0.047 to 0.051 in**

**Recommended Spark Plugs:**  
**NGK #DILZKAR7C11S**  
**Denso# DXE22HCR11S**



4. Re-install the spark plugs and the ignition coils.