

# SPARK PLUG INSPECTION

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## Specification

Item		Engine	
		ZJ, Z6	LF
Type	NGK	-	ITR6F13
	DENSO	SK16PR-E11	-

## Plug Gap Inspection

### Caution

- To avoid possible damage to the tip, do not adjust the plug gap.
- To prevent damaging the tip, use wire type plug gap gauge when inspecting the plug gap.

1. Measure the spark plug gap using the wire type plug gap gauge.

- If it exceeds the specification, replace the spark plug.

### Standard plug gap

**ZJ, Z6: 1.0-1.1 mm {0.039-0.043 in}**

**LF: 1.25-1.35 mm {0.049-0.053 in}**

## Cleaning

### Caution

- Carbon may adhere to the tip of the spark plug during vehicle delivery or repeated short distance driving during the winter time. If there is any malfunction such as rough idling or start difficulty due to carbon adhesion causing plug fouling, burn off the carbon by no-load racing the engine.
- When performing the no-load racing, apply the side brake and foot brake, move the shift lever to neutral (MTX), or the selector lever to P position (ATX) to prevent serious injury.
- To avoid possible damage to the spark plug tip, do not use a wire brush for cleaning.

### Note

- To avoid possible damage to the tip, use gasoline to clean the spark plugs after removing dirt.

1. If there is carbon adhering to the spark plug, perform no-load racing at **3,000 rpm for 3 min.**

## Visual inspection

1. Inspect the following items:

- If there is any malfunction, replace the spark plug.
  - Insulator breakage
  - Worn electrode
  - Damaged gasket
  - Badly burned insulator (sparking side)

## Resistance Inspection

1. Measure the resistance of the spark plug using a tester as shown in the figure.

- If not within the specification, replace the spark plug.

### Resistance

**3.0-7.5 kilohms [25 °C {77 °F}]**

