

2005 - RX8 - Workshop Manual - Engine

SPARK PLUG INSPECTION Specification

Item			Specification
Type	NGK	Leading side	RE7A-L *1 (RE6A-L) *2
		Trailing side	RE9B-T *1

*1

Standard equipment

*2

Hot type plug: Available only for customers who often drive their car at very low speed which causes the plugs to foul easily.

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.
- Measure the spark plug gap using wire type plug gap gauge.
 - If it is more than the maximum specification, replace the spark plug.

- Standard plug gap

1.15—1.25 mm {0.046—0.049 in}

- Maximum plug gap

Leading side: 1.5 mm {0.059 in}

Trailing side: 1.4 mm {0.055 in}

Cleaning

CAUTION:

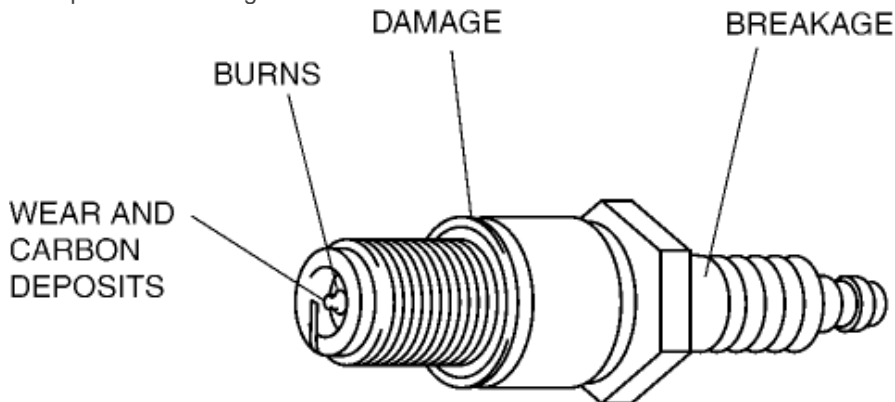
- To avoid possible damage to the tip, do not use a wire brush to clean the plug.

NOTE:

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

Visual inspection

- 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

1. 3.0—7.5 kilohms [25°C {77 °F}]

