

17. IGNITION SYSTEM

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MAINTENANCE INFORMATION

Warnings:

- A CDI ignition system is used so adjustments are not necessary. Use a DC-DC1 battery
- Inspect ignition timing (2.11)
- Inspect spark plug (2.11)
- Check that each lead is connected to the same colour. Always align correct colours and connect each connector to nearest coloured tube. Before removing wires, check colours
- Measure distance for large and small variations
- Refer to (1.29 for total system trouble shooting

SPARK PLU	NGK	ND
	B8ECS, B9ECS, B10ECS B8ES, B9ES	W24ES-C, W27ES-C, W31ES-C W24ES-U, W27ES-U
Spark plug gap	0.7-0.8mm	
Ignition timing "F"	15° ± 2° BTDC/1,200rpm	
Advanced opening revolutions	15° ± 2° BTDC/2,700rpm	
Advanced closing revolutions	25° ± 2° BTDC/4,000rpm	
Retarded opening revolutions	24° ± 2° BTDC/7,000rpm	
Retarded closing revolutions	4° ± 3° BTDC/10,850rpm	
Ignition coil resistance Primary coil	0.1-0.2Ω	
	Secondary coil - plug cap ON	
	- plug cap OFF	
Pulse generator coil resistance 20°C	5-13kΩ 3.6-4.6kΩ 180-220Ω	

TOOLS

Gauges

Digital Circuit tester (Showa)

Circuit tester (Sanwa)

(showa)

07411-0020000

07308-0020000

TH-5H