

**IGNITION MAIN RELAY**

(See 3S-GTE Engine)

ST014-00

**SERVICE SPECIFICATIONS**

IG016-02

**SERVICE DATA**

Ignition timing	w/ Terminals TE1 and E1 connected	10° BTDC @ idle
Firing order	—	1 - 3 - 4 - 2
High-tension cord	Resistance (Maximum)	25 kΩ per cord
Spark plug	Recommended spark plug ND	PK20R11
	Recommended spark plug NGK	BKR6EP-11
	Correct electrode gap	1.1 mm (0.043 in.)
	Maximum electrode gap of used plug	1.3 mm (0.051 in.)
Ignition coil	Primary coil resistance (Cold)	0.36 - 0.55 Ω
	Primary coil resistance (Hot)	0.45-0.65 Ω
	Secondary coil resistance (Cold)	9.0 - 15.4 k Ω
	Secondary coil resistance (Hot)	11.4 - 18.1 k Ω
Distributor	Air gap	0.2 - 0.4 mm (0.008 - 0.016 in.)
	Signal generator (pickup coil) resistance (Cold)	
	G(+) - G(-)	185 - 275 Ω
	NE(+) - NE(-)	370 - 550 Ω
	Signal generator (pickup coil) resistance (Hot)	
	G(+) - G(-)	240 - 325 Ω
NE(+) - NE(-)	475 - 650 Ω	

IG017-01

**TORQUE SPECIFICATIONS**

Part tightened	N-m	kgf-cm	ft-lbf
Spark plug x Cylinder head	<b>18</b>	180	<b>13</b>
Distributor x Cylinder head	<b>19</b>	195	<b>14</b>