

IGNITION COIL SPECIFICATIONS

Ignition coil testing may be accomplished using either an analog or digital volt/ohmmeter. You will obtain the best results using a DVOM which includes a capacitor checker. Resistance is measured in ohms (identified with the Greek letter Omega, which appears as a small hump-backed caterpillar). All resistance specs were derived at a temp of 70F (20C)

DT2 & DT2.2

Item	Unit	Data
Ignition Coil	Primary Ohm	96-144
	Secondary kOhm	1.7-2.5
Condenser Charge Coil Res	Ohm	100
Condenser	Ohm	lo to hi

DT4 & DT5Y

Item	Unit	Data
Condenser charge coil res.	Ohm	96-144 (B/R-B)
Ignition Coil Res	Primary Ohm	
	Secondary (w/o spark plug cap) kOhm	1.7-2.5 (H.T.cord-GND)
Pulser coil	Ohm	15 - 45
Lighting coil resistance	Ohm	0.1 -0.2
Spark plug cap res.	kOhm	10
Batt.charge coil res.	ohm	0.3-0.50 (R-Y)... option
Batt charge coil out (12V)	Watt	60....option

DT5/6/8

Item	Unit	Data
Condenser charge coil res.	Ohm	230-340 (Black/Red - black)
Pulser coil resistance	Ohm	70 -100 (White/Red - black)
Ignition coil resistance	Ohm	1300 - 1900 (plug cap - plug cap)
Lighting coil output	Watt	12V 80w
Lighting coil resistance	Ohm	0.37 - 0.45

DT25C/30C

Item	Unit	Data
Condenser charge coil res.	Ohm	170 - 250 (B/R - G)
Pulser coil resistance	Ohm	170 - 250 (#1: R/B, #2: W/B, #3: R/W -black)
Hear counter coil resistance	Ohm	160 - 240 (B/G - O/G)
Ignition coil res.	Primary Ohm	0.1 - 0.4 (#1: O, #2: Bl, #3: Gr - black)
	Secondary kOhm	1.9 - 2.7 (#1: O, #2: Bl, #3: Gr to plug cap)
Batt. charge coil res.	Ohm	0.2 - 0.6 (R - Y)
Fuse rating	Amp	20
Choke solenoid res	Ohm	2.4 - 4.2
Starter relay coil res.	Ohm	3.5 - 5.1

DT75C/DT85TC

Item	Unit	Data
Throttle Sensor Output Voltage	V @ FCT	0.45 - 0.55 (Light grn/Red - Black)
	V @ WOT	> 2.1 (Light grn/Red - Black)
Over rev limiter	r/min	5900 rng 250
Condenser charge coil res	Ohm	336 - 504 Grn - Blk (R tube)
Pulser coil resistance	#1 (Red/Black - Gnd) Ohm	170 - 250
	#2 (Wht/Black - Gnd) Ohm	170 - 250
	#3 (Red/Wht - Gnd) Ohm	170 - 250
Gear count coil res		160 - 240 (Orange/Grn - Blk/Grn)
Ignition coil res.	Primary Ohm	0.1 - 0.3 (# 1: 0, #2: Bl., #3: G - B)
	Secondary Ohm	1.8 - 2.8 (w/o plug cap)
	Plug cap Ohm	10
Batt charge coil res	Ohm	0.26 - 0.40 (Red - Yellow)
Batt. Charge coil output	VW	12volts/80watts
Fuse	Amps	20
Choke solenoid coil resistance	Ohm	3.5 - 5.1 (Orange - Black)