

ELECTRICAL

VEHICLE MODEL		MX-6 125 8044	QUALIFIER 3 175 8055	MX-6 250 8064/8401	QUALIFIER 3 250 8065	QUALIFIER 3 350 8075	MX-6 400 8084/8402	QUALIFIER 3 400 8085
Ignition system		Bosch electronic C.D.I. 6 poles 30,000 V with timing box		Bosch electronic C.D.I. 6 poles 30,000 volts				
Magneto gen. output (nominal)		60 W						
Spark plug		Bosch 300T2-W2C			Bosch W275 T2-W3C			
Spark plug optional ②		NGK B10E Champion N57G			NGK B8ES Champion N59G			
Spark plug gap		0.5 mm (0.020")						
Ignition timing at 5000 RPM		Align flywheel & cover marks						
Basic timing BTDC ①		mm (in.) (degr.)	2.65 (.104) 23° ± 1°	1.07 (.047) 14° ± 1°	1.3 (.051) 15° ± 1°	1.13 (.044) 14° ± 1°	1.3 (.051) 15° ± 1°	2.25 (.088) 18° ± 1°
Electrical resistance (ohms)	charging coil	500 ± 50						
	trigger coil	63 ± 4						
	light coils	N.A.		Total 0.42 ± 0.04				
Headlamp		N.A.	60/60W 12V	N.A.	60/60W 12V		N.A.	60/60W 12V
Taillamp		N.A.	3W 12V	N.A.	3W 12V		N.A.	3W 12V
Bombardier ignition tester values	charging coil	LOW 85						
	trigger coil	LOW 70			LOW 25			
	light coils	N.A.		LOW 80				

① B.T.D.C.: before top dead center use top dead center gauge (dial indicator)

② Use a guideline only, check spark plug heat range

N.A.: not applicable