

## GENERAL INFORMATION

ENGINE	ITEM	SPECIFICATIONS	
ENGINE	Cylinder arrangement	4 cylinders in-line, inclined 38° from vertical	
	Bore and stroke	67.0 X 42.5 mm (2.64 X 1.67 in)	
	Displacement	599 cm <sup>3</sup> (36.5 cu-in)	
	Compression ratio	12.0: 1	
	Valve train	Chain driven, DOHC	
	Intake valve	opens at 1 mm (0.04 in) lift closes at 1 mm (0.04 in) lift	22° BTDC 43° ABDC
	Exhaust valve	opens at 1 mm (0.04 in) lift closes at 1 mm (0.04 in) lift	40° BBDC 5° ATDC
	Lubrication system	Forced pressure and wet sump	
	Oil pump type	Trochoid	
	Cooling system	Liquid cooled	
	Air filtration	Paper element	
	Engine dry weight	58.3 kg (128.5 lbs)	
Firing order	1 - 2 - 4 - 3		
FUEL DELIVERY SYSTEM	Type	PGM-FI (Programmed Fuel Injection)	
	Throttle bore	40 mm (1.6 in)	
DRIVE TRAIN	Clutch system	Multi-plate, wet	
	Clutch operation system	Cable operating	
	Transmission	Constant mesh, 6-speeds	
	Primary reduction	2.111 (76/36)	
	Final reduction	2.688 (43/16)	
	Gear ratio	1st	2.666 (32/12)
		2nd	1.937 (31/16)
		3rd	1.611 (29/18)
		4th	1.409 (31/22)
		5th	1.260 (29/23)
6th		1.666 (28/24)	
Gearshift pattern	Left foot operated return system, 1 - N - 2 - 3 - 4 - 5 - 6		
ELECTRICAL	Ignition system	Computer-controlled digital transistorized with electric advance	
	Starting system	Electric starter motor	
	Charging system	Triple phase output alternator	
	Regulator/rectifier	SCR shorted/triple phase, full wave rectification	
	Lighting system	Battery	