



SPECIFICATIONS TRX500FA 08

ITEM		SPECIFICATIONS	
Throttle lever free play		3 - 8 mm (1/8 - 5/16 in)	
Spark plug	Standard	IJR7A9 (NGK), VX22BC (DENSO)	
	For cold climate (below 5 ° C/41 ° F)	IJR6A9 (NGK), VX20BC (DENSO)	
Spark plug gap		0.8 - 0.9 mm (0.03 - 0.04 in)	
Valve clearance	IN	0.15 mm (0.006 in)	
	EX	0.23 mm (0.009 in)	
Recommended engine oil		Honda "4-stroke motorcycle oil" or an equivalent API classification: SG or higher (except oils labeled as energy conserving on the circular API service label) Viscosity: SAE 10W-30 JASO T 903 standard: MA	
Engine oil capacity	After draining	4.4 liters (4.7 US qt, 3.9 Imp qt)	
	After draining/filter change	4.6 liters (4.9 US qt, 4.0 Imp qt)	
	After disassembly	5.2 liters (5.5 US qt, 4.6 Imp qt)	
Engine idle speed		1,400 ± 100 rpm (min ⁻¹)	
Recommended final gear case oil		Hypoid gear oil SAE #80	
Front differential oil capacity	At draining	185 cm ³ (6.3 US oz, 6.5 Imp oz)	
	At disassembly	230 cm ³ (7.8 US oz, 8.1 Imp oz)	
Recommended differential oil		Hypoid gear oil SAE #80	
Rear final gear oil capacity	At draining	75 cm ³ (2.5 US oz, 2.6 Imp oz)	
	At disassembly	100 cm ³ (3.4 US oz, 3.5 Imp oz)	
Recommended brake fluid		DOT 4 brake fluid	
Rear (parking) brake lever free play		15 - 20 mm (9/16 - 13/16 in)	
Rear brake pedal free play		15 - 20 mm (9/16 - 13/16 in)	
Cold tire pressure ('05 - '07)	Front	Standard	25 kPa (0.25 kgf/cm ² , 3.6 psi)
		Minimum	22 kPa (0.22 kgf/cm ² , 3.2 psi)
		Maximum	28 kPa (0.28 kgf/cm ² , 4.0 psi)
	Rear	With cargo	25 kPa (0.25 kgf/cm ² , 3.6 psi)
		Standard	25 kPa (0.25 kgf/cm ² , 3.6 psi)
		Minimum	22 kPa (0.22 kgf/cm ² , 3.2 psi)
Cold tire pressure (After '07)	Rear	Maximum	28 kPa (0.28 kgf/cm ² , 4.0 psi)
		With cargo	25 kPa (0.25 kgf/cm ² , 3.6 psi)
Cold tire pressure (After '07)	Front	25 kPa (0.25 kgf/cm ² , 3.6 psi)	
	Rear	25 kPa (0.25 kgf/cm ² , 3.6 psi)	
Tire size	Front	AT25 x 8-12 ★★	
	Rear	AT25 x 10-12 ★★	
Tire brand	Front	KT 181 (DUNLOP)	
	Rear	KT 185 (DUNLOP)	
Minimum tire tread depth (Front/Rear)		4.0 mm (0.16 in)	
Toe		Toe-out: 30 ± 15 mm (1 - 3/16 ± 9/16 in)	