

AMA Sports Youth 51cc Stock Class approved 2005 models

BRAND	YAMAHA	SUZUKI	KTM	KTM	KTM	KTM	COBRA	COBRA	COBRA
YEAR	2005	2005	2005	2005	2005	2005	2005	2005	2005
MODEL	PW50 Oil Injected	JR-50K3 Oil Injected	50 Mini Adventure O.I.	50 SR Adventure	SX PRO JR LC	SX PRO SR LC	PW3 O.I.	CM	King
BORE	40mm	41mm	39.5mm	39.5mm	39.5mm	39.5mm	39mm	39mm	39mm
STROKE	39.2mm	37.8mm	40.0mm	40.0mm	40.0mm	40mm	41.7mm	41.7mm	41.7mm
DISPLACEMENT	49cc	49cc	49cc	49cc	49cc	49cc	49.8cc	49.8cc	49.8cc
CYLINDER LINER MATERIAL	Steel	Iron	Cast Iron	Cast Iron	Plated	Plated	Plated	Nikasil	Nikasil
CARBURETION	YM12 Mikuni	VM 12SC Mikuni	Dell'Orto 12mm	Dell'Orto 19mm	Dell'Orto 14mm	Dell'Orto 19mm	Dell'Orto 12mm	Dell'Orto 14mm	DEL 19mm
SUSPENSION FT.	60mm Telescopic	70mm/2.8 in. Telescopic-Coil, w/2-way Adjust	4.7 inches Conventional	7.3 inches Conventional	5.5 inches Conventional	7.3 inches Conventional	121mm Marzocchi	145mm Marzocchi	223mm I Cobra
SUSPENSION R.	50mm Unit Swing	52mm/2 in. Swingarm, Twin-Shock, Coil Spring, w/2-Way Adjust	7.3 inches Single	7.3 inches Single	8.0 inches Single	7.3 inches Single	162mm Ohlins	167mm Ohlins	248mm Ohlins
WHEELBASE	33.7 inches	33.9 inches	35.6 inches	40.5 inches	35.8 inches	40.5 inches	35.75 inches	35.75 inches	38.9 inches
WHEEL SIZE F	10 inches	10 inches	10 inches	12 inches	10 inches	12 inches	10 inches	10 inches	12 inches
WHEEL SIZE R	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches
OVERALL LENGTH	49 inches	50.6 inches	51 inches	54.5 inches	51 inches	55.00 inches	51 inches	51 inches	55 inches
SEAT HEIGHT	19.1 inches	18.9 inches	21.8 inches	26.5 inches	24 inches	26.6 inches	22 inches	23.88 inches	26 inches
Class 1 Stock 4-6	YES	YES	YES	NO	YES	NO	YES	YES	NO
Class 2 Stock 7-8	YES	YES	YES	YES	YES	YES	YES	YES	YES
Class 3 Stock 4-8	YES	YES	YES	NO	NO	NO	YES	NO	NO
Class 4 Stock 4-8	YES	YES	YES	NO	NO	NO	YES	NO	NO

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BRAND	Honda	Kawasaki	Xtreme	LEM	LEM	Conti	Factory Bike
YEAR	2005	2005	2005	2005	2005	2005	2005
MODEL	XR50R3	KDX50	Macbor 510	R2	R3	RX 50	Phantom R12
BORE	39mm	41mm	39mm	39mm	39mm	39mm	39mm
STROKE	41.4mm	37.8mm	41.7mm	41.7mm	41.7mm	41.7mm	41.7mm
DISPLACEMENT	49cc	49cc	49cc	49.8cc	49.8cc	49.8cc	49.8cc
CYLINDER LINER MATERIAL	Steel	Electrofusion	Nikasil	Aluminum	Aluminum	Nikasil	Nikasil
CARBURETION	VM 12SC Mikuni	VM 12SC Mikuni	Dell'Orto 19mm	Dell'Orto PHBN14MS 14mm	Dell'Orto PHBG19BS- 19mm	Dell'Orto PHBG19BS- 19mm	Dell'Orto PHBG19BS- 19mm
SUSPENSION FT.	3.8 inches Inverted Telescopic Fork	70mm/2.8 in. Telescopic coil, w/2-way Adjust	6.69 inches Conventional	7.5 inches Hydraulic Marzocchi	7.2 inches Hydraulic Marzocchi	7.3 inches Inverted Marzocchi	145mm Paioli
SUSPENSION R.	2.8 inches Single Hydraulic Shock	52mm/2 in. Swingarm, Twin Shock, Coil Spring, w/2-Way Adjust	7.87 inches Single	7.5 inches Hydraulic Paioli	7.8 inches Hydraulic Paioli	5.7 inches Conti Gas	5.7 inches Factory Bike Gas
WHEELBASE	36.00 inches	33.9 inches	40.1 inches	35.83 inches	38.78 inches	40 inches	38 inches
WHEEL SIZE F	10 inches	10 inches	12 inches	10 inches	12 inches	12 inches	12 inches
WHEEL SIZE R	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches	10 inches
OVERALL LENGTH	51.4 inches	50.6 inches	57.00 inches	51.18 inches	53.54 inches	55 inches	55 inches
SEAT HEIGHT		18.9 inches	27.5 inches	23.82 inches	26.57 inches	26 inches	28.5 inches
Class 1 Stock 4-6	NO	YES	NO	YES	NO	NO	NO
Class 2 Stock 7-8	NO	YES	YES	YES	YES	YES	YES
Class 3 Stock 4-8	NO	YES	NO	NO	NO	NO	NO
Class 4 Stock 4-8	YES	YES	NO	NO	NO	NO	NO