



2012 520 RS

## Engine

Type:	<b>Beta-Built</b> single cylinder, 4-valve, 4-stroke liquid cooled, electric start with back up kick starter.
Bore:	100mm
Stroke:	63.4mm
Displacement:	497.4cc
Compression Ratio:	12.1:1
Ignition:	DC-CDI with variable ignition timing, Kokusan.
Spark Plug	NGK LKAR8A-9
Lubrication:	Twin oil pumps with cartridge oil filter. Separate oil for engine and clutch .8 liter each
Carburetor:	Keihin FCR-39mm
Clutch:	Wet multi-disc
Primary Ratio:	31:73
Transmission:	6-speed
Final Drive:	O-ring chain, Regina

## Chassis

Frame:	<b>All New</b> molybdenum steel with double cradle split above exhaust port. Quick Air filter access from the side.
Wheelbase:	58.1"
Seat Height:	36.6"
Ground Clearance:	12.6"
Footrest Height:	16.25"
Dry Weight:	249 lbs. dry
Fuel Tank Capacity:	2.1 US gallons
Front Suspension:	45mm Marzocchi USD fork, adjustable compression and rebound
Rear Suspension:	Sachs shock w/adjustable rebound and hi/low speed compression
Front Wheel Travel:	11.4"
Rear Wheel Travel:	11.4"
Final Gearing:	14t front, 45t rear
Front Brake:	260mm rotor
Rear Brake:	240mm rotor
Front/Rear Rim:	21" (Front) 18" (Rear)
Front/Rear Tire:	Michelin Enduro, DOT approved
Warranty:	12 month Limited Warranty

**MSRP: \$9399.00**

\*specifications subject to change without notice.

