

Specifications

Dimensions

Overall length	92.5"
Overall width.....	39.5"
Overall height	52.5"
Saddle height.....	26.5"
Wheelbase.....	62.9"
Ground clearance.....	5.9"

Weight

Dry weight.....	755 lbs
Gross Vehicle Weight Rating (GVWR)	1140 lbs
Gross Axle Weight Rating – front... ..	394 lbs
Gross Axle Weight Rating – rear	746 lbs

Engine

Type.....	50° X-Twin™
Number of cylinders... ..	2
Bore.....	3.66"
Stroke	4.02"
Displacement.....	85 cu. in. (1386 cc)
Compression ratio.....	9.2 : 1

Fuel system	port sequential, closed loop fuel injection
Starting system	electric
Lubrication system	pressure lubrication, dual scavenge
Air cleaner.....	dry paper/wire mesh

Transmission

Type	5 speed, constant mesh
Primary reduction system	wet multi-gear drive
Primary reduction ratio.....	1.75 : 1
Gear shift pattern	1 down, 4 up
Gear ratios: 1st.....	2.53 : 1
2nd.....	1.77 : 1
3rd.....	1.35 : 1
4th.....	1.00 : 1
5th.....	0.80 : 1
Clutch.....	wet multi-disk
Drive belt.....	high performance synchronous

Chassis

Frame type	tubular steel, double cradle
Front suspension	leading link, double strut system
Rear suspension	adjustable, gas charged system
Caster angle	30°
Trail	6.25"
Steering angle	±43°
Turning radius	7.6'
Brakes (diameter X width):	
Front	11.5" X 0.236" floating disc, 4 piston caliper
Rear	11.5" X 0.236" floating disc, 4 piston caliper

Wheels

Type:

 Front

 Rear

Size:

 Front

 Rear

Tires

Type..... tube

Size:

 Front

 Rear

Manufacturer and

 model

Maximum load:

 Front

 Rear

Air pressure (cold):

 Up to 360 lb. load:

 Front

 Rear

Electrical

Ignition system:

Type.....inductive coil

Timing.....ECM-driven

Spark plug:

Type.....Excelsior-Henderson
part no. 3199-0030

Gap0.035 in.

Batterysealed 18AH

Generator.....35 amp regulator

Light bulbs (voltage, wattage X quantity):

Headlamp.....halogen sealed
beam, ANSI #H6024

Running light/Front

turn signal.....ANSI #198

Rear turn signalANSI #199

Tail/brake light.....ANSI #198

License plate light.....ANSI #193

Speedometer.....ANSI #161

TachometerANSI #74

Fuel gaugeANSI #74

Instrument Pod Indicators:

Headlamp high beam.. ANSI #74

Check engine.....ANSI #74

Turn signalANSI #74

NeutralANSI #74

Low oil pressure ANSI #74

Low battery voltage ... LED

Low fuel ANSI #74

Fuses:

Auxiliary lights..... 10 amps

Fuel pump 10 amps

EFI 15 amps

Lights..... 15 amps

Horn 10 amps

Ignition 5 amps

Fluids

Capacities:

Fuel tank..... 5.75 gal

Engine oil (with filter).. 3.5 qt (US)

Fuel..... unleaded gasoline
only, 92 pump
octane minimum

Engine oil:

Classification API-rated SF or SG

Viscosity..... 25W-50 (+40°F)

Brake and clutch fluid DOT 5 hydraulic
fluid