

General Information

■NOTE: Some photographs and illustrations used in this manual are used for clarity purposes only and are not designed to depict actual conditions.

General Specifications

CHASSIS	
Dry Weight (approx)	157.9 kg (349 lb)
Length (overall)	177.8 cm (69.9 in.)
Height (overall)	103.8 cm (40.9 in.)
Width (overall)	95.0 cm (37.4 in.)
Brake Type	Double Drum w/Parking Brake (Front) Hydraulic Disc (Rear)
Tire Size(Front) (Rear)	AT21 x 7-10 AT22 x 10-10
Tire Inflation Pressure(Front) (Rear)	27.6 kPa (4 psi) 24.1 kPa (3.5 psi)
MISCELLANY	
Gas Tank Capacity	8.7 L (2.3 U.S. gal.)
Engine Oil Capacity	1.0 L (1.06 U.S. qt)
Transmission (Overhaul) Lubricant Capacity (Change)	400 ml (13.5 fl/oz) 300 ml (10.0 fl/oz)
Gasoline (recommended)	87 Octane Regular Unleaded
Engine Oil (recommended)	Arctic Cat ACX All Weather (Synthetic)
Brake Fluid	DOT 4
Taillight/Brakelight	12V/5W/21W (2)
Parking Lights	12V/5W (2)
Headlight	12V/35W/35W (2)
Starting System	Electric w/Kick Start (Emergency)

Specifications subject to change without notice.

Torque Specifications

DRIVE TRAIN COMPONENTS			
Part	Part Bolted To	Torque ft-lb N-m	
Engine Mounting Through-Bolt	Frame	29	39
Engine Mounting Bracket Cap Screw	Frame	29	39
Gear Case	Swing Arm	50	68
Wheel Lug Nut	Hub	32	44
Hub Nut	Axle	50	68
Rear Axle Nut*	Axle	86	117
EXHAUST COMPONENTS			
Exhaust Pipe	Cylinder Head	25	34
ELECTRICAL COMPONENTS			
Starter Motor Lead Nut	Starter	36 in.-lb	5
Starter Motor Mounting Cap Screw	Crankcase	7	10

STEERING COMPONENTS			
Part	Part Bolted To	Torque ft-lb N-m	
Handlebar Clamp Cap Screw	Steering Head	15	20
Steering Post Support Block	Frame	15	20
Steering Post Nut	Steering Post	50	68
Steering Knuckle	Steering Knuckle	32	44
Tie Rod End Nut	Steering Arm	29	40
Tie Rod End Nut	Steering Knuckle	32	44
Tie Rod Lock Nut	Tie Rod	22	30
BRAKE COMPONENTS			
Brake Hose Union Bolt	Master Cylinder	24	33
Brake Bleed Screw	Caliper	56 in.-lb	5
Brake Caliper Mounting Cap Screw	Swing Arm Housing	24	33
Master Cylinder	Handlebar	9	12
Brake Pad Alignment Pin (Rear)	Brake Caliper	13	18
Brake Caliper** (Rear)	Swing Arm Housing	24	33
SUSPENSION COMPONENTS (Front)			
A-Arm Pivot Nut	Frame	32	44
Front Shock Absorber Mounting Nut* (Upper/Lower)	Frame/A-Arm	29	39
SUSPENSION COMPONENTS (Rear)			
Swing Arm Pivot Nut	Frame	50	68
Rear Shock Absorber Mounting Nut (Upper/Lower)	Frame/Swing Arm	29	39
Axle Housing Cap Screw	Swing Arm	50	68
ENGINE/TRANSMISSION			
Cylinder Head Nut	Cylinder	14	19
Cylinder Head Cap Screw	Crankcase	7	10
Rotor/Flywheel Nut	Crankshaft	40	55
Drive Sprocket Lock Plate	Driveshaft	40	55
Crankcase Cap Screw	Crankcase	7	10
Engine Oil Screen/Filter Cap	Crankcase	11	15
Shift Detent Bolt	Transmission Case	35	48
Camshaft Chain Tensioner Cover Bolt	Cam Chain Tensioner	36 in.-lb	4
Camshaft Chain Tensioner Mount	Cylinder Head	9	12
Centrifugal Clutch Housing*	Driveshaft	40	54
Driven Pulley Retaining Nut	Driven Shaft (Transmission)	43	59
Drive Plate Nut*	Fixed Drive Face	43	59
Drive Pulley Nut	Crankshaft	43	59
Transmission Drain Plug	Transmission	21	29
Balancer Nut*	Balancer Shaft	32	45
Oil Pump	Crankcase	7	10
Oil Pump Baffle	Crankcase	7	10
Oil Pump Driven Gear*	Oil Pump	7	10
Starter One-Way Drive Nut*	Crankshaft	68	92
Magneto Cover	Crankcase	7	10
Outer Magneto Cover	Magneto Cover	7	10
CVT Cover Cap Screw	Crankcase	7	10

* w/Red Loctite #271

** w/Blue Loctite #242