General Specifications*

	01140010	
	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)
	MISCELLAN	Υ
Gas Tank Capacity		8.7 L (2.3 U.S. gal.)
Engine Oil Capacity		1.0 L (1.06 U.S. qt)
Transmission Lubricant Capacity	(Overhaul) (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 inlb	5			
Starter Motor Mounting Cap Screw	Crankcase	7	10			

Handlebar Clamp Cap Screw Steering Head 15 20	STEERING COMPONENTS					
Steering Head	Part	Part Rolled To	Tore	Torque		
Steering Post Support Block	rait	Tart Boiled 10	ft-lb	N-m		
Steering Post Nut	Handlebar Clamp Cap Screw	Steering Head	15	20		
Steering Knuckle Steering Knuckle 32 44 Tie Rod End Nut	Steering Post Support Block	Frame	15	20		
Tie Rod End Nut	Steering Post Nut	Steering Post	50	68		
Tie Rod End Nut	Steering Knuckle	Steering Knuckle	32	44		
Tie Rod Lock Nut	Tie Rod End Nut	Steering Arm	29	40		
BRAKE COMPONENTS Brake Hose Union Bolt Master Cylinder 24 33 Brake Bleed Screw Caliper 56 inlb Brake Caliper Mounting Cap Screw Swing Arm Housing 24 33 Master Cylinder Handlebar 9 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) SUSPENSION COMPONENTS (Rear) SWING Arm Pivot Nut Frame/A-Arm 29 39 **SUSPENSION COMPONENTS (Rear) SWING Arm Pivot Nut Frame/Swing Arm 29 39 **Rear Shock Absorber Mounting Nut Frame/Swing Arm 50 68 **Rear Shock Absorber Mounting Nut Cylinder Mead Cap Screw Swing Arm 50 68 **ENGINE/TRANSMISSION** Cylinder Head Cap Screw Crankcase 7 10 Cylinder Head Cap Screw Crankcase 7 10 Engine Oil Screen/Filter Cap Crankcase 11 15 Shift Detent Bolt Transmission Case 35 48 Camshaft Chain Tensioner Mount Cylinder Head 9 12	Tie Rod End Nut	Steering Knuckle	32	44		
Brake Hose Union Bolt Master Cylinder 24 33 Brake Bleed Screw Caliper 56 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) Susyeens Mounting Nut (Upper/Lower) Frame/A-Arm 29 39 Swing Arm Pivot Nut Frame/Swing Arm 29 39 Rear Shock Absorber Mounting Nut Frame/Swing Arm 29 39 ENGINE/TRANSMISSION Cylinder Head Nut Cylinder Masser 7 10 Gylinder Head Nut Cylinder Masser 7 10 Cylinder Head	Tie Rod Lock Nut	Tie Rod	22	30		
Brake Bleed Screw Caliper 56 inlb 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 Swing Arm Pivot Nut Frame/Swing Arm 29 39 Gear Shock Absorber Mounting Nut (Upper/Lower) Frame/Swing Arm 29 39 Swing Arm 50 68 ENGINE/TRANSMISSION Cylinder Head Nut Cylinder 14 19 Cylinder Head Nut Cylinder 14 19 Cylinder Head Nut Crankcase 7 10 Rotor/Flywheel Nut Crankcase 7 10 Drive Sprocket Lock Plate Driveshaft <t< td=""><td>BRAKE COMF</td><td>PONENTS</td><td></td><td></td></t<>	BRAKE COMF	PONENTS				
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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 SWISPENSION COMPONENTS (Rear) Swing Arm Pivot Nut Frame 50 68 Rear Shock Absorber Mounting Nut (Upper/Lower) Frame/Swing Arm 50 68 Rear Shock Absorber Mounting Nut (Upper/Lower) Frame/Swing Arm 50 68 ENGINE/TRANSMISSION Cylinder Head Nut Cylinder 14 19 Cylinder Head Nut Cylinder 14 19 Cylinder Head Nut Crankcase 7 10 Rotor/Flywheel Nut Crankcase 7 10 Crankcase 7 10 ENGINE/TRANSMISSION <td colspa<="" td=""><td>Brake Bleed Screw</td><td>Caliper</td><td></td><td>5</td></td>	<td>Brake Bleed Screw</td> <td>Caliper</td> <td></td> <td>5</td>	Brake Bleed Screw	Caliper		5	
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 ENGINE/TRANSMISSION Cylinder Head Nut Cylinder 14 19 Cylinder Head Nut Cylinder 14 19 Cylinder Head Cap Screw Crankcase 7 10 Rotor/Flywheel Nut Crankcase 7 10 Cylinder Head Cap Screw Crankcase 7 10 Crankcase Cap Screw Crankcase 7 10 Drive Sprocket Lock Plate Driveshaft 40 55 Crankcase <t< td=""><td>Brake Caliper Mounting Cap Screw</td><td>Swing Arm Housing</td><td>24</td><td>33</td></t<>	Brake Caliper Mounting Cap Screw	Swing Arm Housing	24	33		
Brake Caliper (Rear) Swing Arm Housing 24 33	Master Cylinder	Handlebar	9	12		
SUSPENSION COMPONENTS (Front) A-Arm Pivot Nut Frame 32 44 Front Shock Absorber Mounting Nut* Frame/A-Arm 29 39 SUSPENSION COMPONENTS (Rear) Swing Arm Pivot Nut Frame 50 68 Rear Shock Absorber Mounting Nut (Upper/Lower) Swing Arm Pivot Nut Frame 50 68 Rear Shock Absorber Mounting Nut (Upper/Lower) 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 inlb Camshaft Chain Tensioner Mount Cylinder Head 9 12 Centrifugal Clutch Housing* Driveshaft 40 54 Driven Pulley Retaining Nut Driven Shaft (Transmission) Drive Plate Nut* Fixed Drive Face 43 59 Drive Pulley Nut Crankcase 7 10 Balancer Nut* Balancer Shaft 32 45 Oil Pump 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	Brake Pad Alignment Pin (Rear)	Brake Caliper	13	18		
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/TRANS/IISSION Cylinder Head Nut Cylinder 14 19 Cylinder Head Cap Screw Crankcase 7 10 Rotor/Flywheel Nut Crankcase 7 10 Rotor/Flywheel Nut Crankcase 7 10 Frame 50 68 Engine Oil Screen/Filter Cap Crankcase 7 10 Engine Oil Screen/Filter Cap 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	Brake Caliper (Rear)	Swing Arm Housing	24	33		
Front Shock Absorber Mounting Nut* (Upper/Lower) SUSPENSION COMPONENTS (Rear) Swing Arm Pivot Nut Frame 50 68 Rear Shock Absorber Mounting Nut (Upper/Lower) 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 12 Centrifugal Clutch Housing* Driveshaft 40 54 Drive Plate Nut* Driveshaft 40 54 Drive Plate Nut* Driveshaft 40 54 Drive Pulley Nut Crankshaft 40 54 Drive Pulley Nut Crankshaft 40 54 Drive Pulley Nut Crankshaft 40 59 Balancer Nut* Balancer Shaft 32 45 Oil Pump Crankcase 7 10 Starter One-Way Drive Nut* Crankcase 7 10 Outer Magneto Cover 7 10	SUSPENSION COMP	ONENTS (Front)				
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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 10 Camshaft Chain Tensioner Mount Cylinder Head 9 12 Centrifugal Clutch Housing* Driveshaft 40 54 Driven Pulley Retaining Nut Driven Shaft (Transmission) 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		Frame/A-Arm	29	39		
Rear Shock Absorber Mounting Nut (Upper/Lower) Axle Housing Cap Screw ENGINE/TRANSMISSION Cylinder Head Nut Cylinder Head Cap Screw Crankcase To 10 Rotor/Flywheel Nut Crankshaft Crankcase Crankcase Crankcase To 10 Engine Oil Screen/Filter Cap Crankcase Camshaft Chain Tensioner Cover Bolt Centrifugal Clutch Housing* Drive Pulley Retaining Nut Crankcase Transmission Drive Plate Nut* Fixed Drive Face Crankcase Transmission Drive Plate Nut* Fixed Drive Face Crankcase Transmission Crankcase To 10 Camshaft Chain Tensioner Mount Cylinder Head Contrifugal Clutch Housing* Driveshaft Crankshaft Crankshaft Crankshaft Crankshaft Crankshaft Crankshaft Crankshaft Crankcase Transmission Cylinder Head Contrifugal Clutch Housing* Contrifugal Clutch Housing* Contrifugal Clutch Housing* Crankshaft Crankshaft Crankshaft Crankshaft Crankcase To 10 Contripump Contr	SUSPENSION COMP	ONENTS (Rear)				
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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 inlb 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* Crankcase 7	Cylinder Head Cap Screw	Crankcase	7	10		
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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	Drive Pulley Nut	1	43	59		
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	Transmission Drain Plug	Transmission	21	29		
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	CVT Cover Cap Screw	Crankcase				

^{*} w/Red Loctite #271