## **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**

CHASS	IS			
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	Tor ft-lb			
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		

## STEERING COMPONENTS

ft-lb N-m   Handlebar Clamp Cap Screw Steering Head 15 20   Steering Post Support Block Frame 15 20   Steering Post Nut Steering Knuckle 32 44   Tie Rod End Nut Tie Rod 22 30   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 Caliper** (Rear) Swing Arm Housing 24 33   SUSPENSION COMPONENTS (Front) A 44   From Shock Absorber Mounting Nut Frame/A-Arm 29 39   Rying Arm Pivot Nut Frame/Swing Arm 20 66   Rear Shock Absorber Mounting Nut Frame/Swin	Part	Part Bolted To	Tore	que
Steering Post Support Block Frame 15 20   Steering Post Nut Steering Post 50 68   Steering Knuckle Steering Knuckle 32 44   Tie Rod End Nut Tie Rod 22 30   Brake Bleed Screw Caliper 56 5   Brake Caliper Mounting Cap Screw Swing Arm Housing 24 33   Master Cylinder Handlebar 9 12   Brake Caliper** (Rear) Swing Arm Housing 24 33   SUSPENSION COMPONENTS (Front) A-Arm 29 39   Mupper/Lower) Suing Arm Pivot Nut Frame 50 68   Rear Shock Absorber Mounting Nut (Upper/Lower) Frame/Swing Arm 29			ft-lb	N-m
Steering Post Nut Steering Post 50 68   Steering Knuckle Steering Knuckle 32 44   Tie Rod End Nut Tie Rod 22 30   Brake Dac Union Bolt Master Cylinder 24 33   Brake Bleed Screw Caliper 13 18   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   Suing Arm Pivot Nut Frame 50 68   Rear Shock Absorber Mounting Nut (Upper/Lower) Frame/Swing A	Handlebar Clamp Cap Screw	Steering Head	15	20
Steering KnuckleSteering Knuckle3244Tie Rod End NutSteering Knuckle3244Tie Rod End NutSteering Knuckle3244Tie Rod Lock NutTie Rod2230BRAKE COMPONENTSBrake Dae Union BoltMaster Cylinder2433Brake Bleed ScrewCaliper565Brake Bleed ScrewCaliper1318Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Caliper*Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939(Upper/Lower)SUSPENSION COMPONENTS (Rear)5068ENGINE/TRANSMISSIONCylinder Head Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head Cap ScrewCrankcase710Cylinder Head Cap ScrewCrankcase71010Sotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase710Camshaft Chain T	Steering Post Support Block	Frame	15	20
Tie Rod End NutSteering Arm2940Tie Rod Lock NutTie Rod3244Tie Rod Lock NutTie Rod2230BRAKE COMPONENTSBrake Hose Union BoltMaster Cylinder2433Brake Bleed ScrewCaliper565Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A44A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Suspension Components (Rear)33Suing Arm Pivot NutFrame5068Rear Shock Absorber Mounting NutFrame/Swing Arm5068Rear Shock Absorber Mounting NutFrame/Swing Arm5068Cylinder Head NutCylinder1419Cylinder Head NutCylinder1419Cylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover BoltCam Chain364Tensmission Case35485959Drive Plate Nut*Drive Shaft4054Driven Pulley Retaining NutDriven Shaft </td <td>Steering Post Nut</td> <td>Steering Post</td> <td>50</td> <td>68</td>	Steering Post Nut	Steering Post	50	68
Tie Rod End NutSteering Knuckle3244Tie Rod Lock NutTie Rod2230BRAKE COMPONENTSBrake Hose Union BoltMaster Cylinder2433Brake Bleed ScrewCaliper565Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Caliper** (Rear)Brake Caliper1318Brake Caliper*** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939(Upper/Lower)SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame/Swing Arm2939Rear Shock Absorber Mounting NutFrame/Swing Arm2939(Upper/Lower)Swing Arm5068ENCINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover BoltCam Chain3643Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Drive Pulley NutCr	Steering Knuckle	Steering Knuckle	32	44
Tie Rod Tie Rod 22 30   BRAKE COMPONENTS   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 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 44   Front Shock Absorber Mounting Nut* Frame/A-Arm 29 39   (Upper/Lower) SUSPENSION COMPONENTS (Rear) 29 39   Swing Arm Pivot Nut Frame/Swing Arm 20 68   Rear Shock Absorber Mounting Nut Frame/Swing Arm 50 68   Mederal Cap Screw Crankcase 7 10   Cylinder Head Nut <	Tie Rod End Nut	Steering Arm	29	40
BRAKE COMPONENTSBrake Hose Union BoltMaster Cylinder2433Brake Bleed ScrewCaliper565Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Pad Alignment Pin (Rear)Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433Master CylinderSUSPENSION COMPONENTS (Front)3244A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut* (Upper/Lower)Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)SUSPENSION COMPONENTS (Rear)39Swing Arm Pivot NutFrame/Swing Arm2068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm5068ENCINE/TFANSMISSIONUpper/Lower)5068Cylinder Head NutCylinder1419Cylinder Head NutCylinder1419Cylinder Head NutCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner MountCylinder Head912Camshaft Chain Tensioner MountCylinder Head912Camshaft Chain Tensioner MountCylinder Head912Camshaft Chain Tensioner Cover Bolt Cam kcase710Dri	Tie Rod End Nut	Steering Knuckle	32	44
Brake Hose Union BoltMaster Cylinder2433Brake Bleed ScrewCaliper565Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Pad Alignment Pin (Rear)Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939(Upper/Lower)SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame/Swing Arm2939Rear Shock Absorber Mounting Nut (Upper/Lower)Axle Housing Cap ScrewSwing Arm5068ENCINE/TRANS/ISSIONCylinder Head NutCylinder1419Cylinder Head NutCrankcase710Rotor/Flywheel NutCrankcase710ENCINE/TRANS/ISSIONCrankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner64Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner Cover BoltCam Chain Tensioner </td <td></td> <td></td> <td>22</td> <td>30</td>			22	30
Brake Bleed ScrewCaliper56 inlb5Brake Caliper Mounting Cap ScrewSwing Arm Housing2433Master CylinderHandlebar912Brake Pad Alignment Pin (Rear)Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame5068Rear Shock Absorber Mounting NutFrame/Swing Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Cylinder Head NutCylinder1419Cylinder Head NutCylinder141911Cylinder Head NutCrankcase71010Rotor/Flywheel NutCrankcase71010Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Drive Pulley NutCrankcase710Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft4359Drive Pulley NutCrankcase710Oil Pump Deltae	BRAKE COMP	ONENTS		
Date boor of of the second secondDate of the second se	Brake Hose Union Bolt	Master Cylinder	24	33
Master CylinderHandlebar912Brake Pad Alignment Pin (Rear)Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm5068ENGINE/TFANSMISSION2939Cylinder Head NutCylinder1419Cylinder Head NutCylinder1419Cylinder Head NutCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover Bott CarnkaseCam Chain Tensioner364TensionerDrive Shaft4054Drive Plate Nut*Crankshaft4359Drive Plate Nut*Crankcase710Oil PumpCrankcase710Oil PumpCrankcase710Oil PumpCrankcase710Oil PumpCoverCrankcase710Outer Magneto CoverCrankcase710Oil Pump Driven	Brake Bleed Screw	Caliper		5
Brake Pad Alignment Pin (Rear)Brake Caliper1318Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm Sou5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Driven Pulley Retaining NutDriven Shaft4054Driven Pulley Retaining NutDriven Shaft4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Oil Pump Driven Gear*Oil Pump710Shaft Chain TensionerCrankcase7 <td< td=""><td>Brake Caliper Mounting Cap Screw</td><td>Swing Arm Housing</td><td>24</td><td>33</td></td<>	Brake Caliper Mounting Cap Screw	Swing Arm Housing	24	33
Brake Caliper** (Rear)Swing Arm Housing2433SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm Sou5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover Bolt Cam Chain Tensioner364InbbDriveshaft4054Driven Pulley Retaining NutDriven Shaft4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Galancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto Cover <t< td=""><td>Master Cylinder</td><td>Handlebar</td><td>9</td><td>12</td></t<>	Master Cylinder	Handlebar	9	12
SUSPENSION COMPONENTS (Front)A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut*Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Rotor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase710Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover Bolt (Transmission Case3548Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Drives Shaft4054Drive Pulley Retaining NutDriven Shaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverCrankcase710	Brake Pad Alignment Pin (Rear)	Brake Caliper	13	18
A-Arm Pivot NutFrame3244Front Shock Absorber Mounting Nut* (Upper/Lower)Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENCINETTRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankcase710Botor/Flywheel NutCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Charshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driven Shaft4054Drive Pulley Retaining NutDriven Shaft4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverCrankcase710	Brake Caliper** (Rear)	Swing Arm Housing	24	33
Front Shock Absorber Mounting Nut* (Upper/Lower)Frame/A-Arm2939SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase7110Engine Oil Screen/Filter CapCrankcase3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Pulte Nut*Crankcase710Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverCrankcase710	SUSPENSION COMP	ONENTS (Front)		
(Upper/Lower)SUSPENSION COMPONENTS (Rear)Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Centrifugal Clutch Housing*Driven Shaft (Transmission)4359Drive Pulley NutCrankchaft4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverCrankcase710	A-Arm Pivot Nut	Frame	32	44
Swing Arm Pivot NutFrame5068Rear Shock Absorber Mounting NutFrame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head NutCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 (inlb4Driven Pulley Retaining NutDriven Shaft4054Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverCrankcase710	Front Shock Absorber Mounting Nut* (Upper/Lower)	Frame/A-Arm	29	39
RearShock Absorber Mounting Nut (Upper/Lower)Frame/Swing Arm2939Axle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Drive Pulley Retaining NutDriven Shaft (Transmission)4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	SUSPENSION COMP	ONENTS (Rear)		
(Upper/Lower)SSSAxle Housing Cap ScrewSwing Arm5068ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Centrifugal Clutch Housing*Driveshaft4054Drive Plate Nut*Fixed Drive Face4359Drive Plate Nut*Fixed Drive Face4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Swing Arm Pivot Nut	Frame	50	68
ENGINE/TRANSMISSIONCylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Drive Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverCrankcase710	Rear Shock Absorber Mounting Nut (Upper/Lower)	Frame/Swing Arm	29	39
Cylinder Head NutCylinder1419Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Axle Housing Cap Screw	Swing Arm	50	68
Cylinder Head Cap ScrewCrankcase710Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner364Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	ENGINE/TRANS	SMISSION		
Rotor/Flywheel NutCrankshaft4055Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Cylinder Head Nut	Cylinder	14	19
Drive Sprocket Lock PlateDriveshaft4055Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Cylinder Head Cap Screw	Crankcase	7	10
Crankcase Cap ScrewCrankcase710Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Drive Pulley NutCrankcase710Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Outer Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Rotor/Flywheel Nut	Crankshaft	40	55
Engine Oil Screen/Filter CapCrankcase1115Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Drive Sprocket Lock Plate	Driveshaft	40	55
Shift Detent BoltTransmission Case3548Camshaft Chain Tensioner Cover BoltCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Crankcase Cap Screw	Crankcase	7	10
Camshaft Chain Tensioner Cover Bolt Camshaft Chain Tensioner MountCam Chain Tensioner36 inlb4Camshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Engine Oil Screen/Filter Cap	Crankcase	11	15
TensionerinlbCamshaft Chain Tensioner MountCylinder Head912Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Shift Detent Bolt	Transmission Case	35	48
Centrifugal Clutch Housing*Driveshaft4054Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Camshaft Chain Tensioner Cover Bolt			4
Driven Pulley Retaining NutDriven Shaft (Transmission)4359Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Camshaft Chain Tensioner Mount	Cylinder Head	9	12
(Transmission)(Transmission)Drive Plate Nut*Fixed Drive Face4359Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverMagneto Cover710	Centrifugal Clutch Housing*	Driveshaft	40	54
Drive Pulley NutCrankshaft4359Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Outer Magneto CoverCrankcase710Outer Magneto Cover710	Driven Pulley Retaining Nut		43	59
Transmission Drain PlugTransmission2129Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankcase710Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Drive Plate Nut*	Fixed Drive Face	43	59
Balancer Nut*Balancer Shaft3245Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankshaft6892Magneto CoverCrankcase710Outer Magneto Cover710	Drive Pulley Nut	Crankshaft	43	59
Oil PumpCrankcase710Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankshaft6892Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Transmission Drain Plug	Transmission	21	29
Oil Pump BaffleCrankcase710Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankshaft6892Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Balancer Nut*	Balancer Shaft	32	45
Oil Pump Driven Gear*Oil Pump710Starter One-Way Drive Nut*Crankshaft6892Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Oil Pump	Crankcase	7	10
Starter One-Way Drive Nut*Crankshaft6892Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Oil Pump Baffle	Crankcase	7	10
Magneto CoverCrankcase710Outer Magneto CoverMagneto Cover710	Oil Pump Driven Gear*	Oil Pump	7	10
Outer Magneto Cover 7 10	Starter One-Way Drive Nut*	Crankshaft	68	92
<u> </u>	Magneto Cover	Crankcase	7	10
CVT Cover Cap Screw Crankcase 7 10	Outer Magneto Cover	Magneto Cover	7	10
* w/Red Loctite #271	CVT Cover Cap Screw	Crankcase	7	10

\* w/Red Loctite #271

\*\* w/Blue Loctite #242