

ATV SERVICE PLAN

ARCTIC CAT



MAINTENANCE PLAN

MAINTENANCE PLAN A:	
Applicable to:	private vehicle use, mainly on asphalt roads in dry and clean conditions
First service:	after 300 miles / 500 km
Basic service:	every 1200 miles / 2000 km or 1x annually
Extended service:	additionally every 3600 miles / 6000 km or every 2 years

MAINTENANCE PLAN B:	
Applicable to:	vehicle use under working conditions (agriculture, forestry or construction industry, tourism, business, ...) or use under adverse environmental influences (sand, mud,) or mainly off-road use
First service:	after 200 miles / 350 km
Basic service:	every 600 miles / 1000 km or every 6 months
Extended service:	additionally every 1800 miles / 3000 km or 1x annually

MAINTENANCE PLAN C:	
Applicable to:	vehicle use in snow and ice with tiger tracks
First service:	after 150 miles / 250 km
Basic service:	every 300 miles / 500 km or every 3 months
Extended service:	additionally every 600 miles / 1000 km or every 6 months



		SUBASSEMBLY	SERVICE POINT	HANOVER INSPECTION	FIRST SERVICE	BASIC SERVICE	EXTENDED SERVICE
GENERAL	ENGINE	Preparation	Mileage and operating hours Maintenance plan allocation (A,B,C) Customer workshop order Readout defect code memory /check tachometer error messages	•	•	•	•
		Air filter	Filter: cleanliness, condition Replace filter Housing: Check for liquid or dirt residue Drain pipes: check for free throughflow	•	•	•	•
		Valves	Visual check, check camshaft for wear Check and adjust valve play	•	•	•	•
		Piston / cylinder	Compression	•	•	•	•
		Motor oil	Replace oil and filter Check oil cooler and supply lines for tight fit and damage	•	•	•	•
		Exhaust system	Check elbow, silencer for seal tightness Visual check for cleanliness and damage Check heat protection for completeness and condition Check bolted connections for tight fit, retighten	•	•	•	•
		Aeration / bleed hoses	Check for condition and free throughflow	•	•	•	•
		Throttle cable	Smooth movement Condition Lubrication (only use lubricants on PTFE basis) Check throttle limit and readjust	•	•	•	•
		Idle speed	Check and adjust	•	•	•	•
		Cooling system	Check cooler / cooling fins for dirt and damage Check cooler and coolant lines for seal tightness Check coolant lines for tight fit and damage Coolant level Antifreeze Replace coolant	•	•	•	•
FUEL UNIT	POWER TRANSMISSION	Piping / hoses	Check petrol / diesel lines for damage and tight fit Check aeration / venting lines for free throughflow	•	•	•	•
		Tank	Check tank venting Check tank and tank cap for damage and condition	•	•	•	•
		Carburettor / injection system	Check and adjust Drain carburettor Check choke (automatic/manual) and readjust	•	•	•	•
		CVT	Check belts and belt drive for wear and condition Check belt housings for dirt or liquid residues Replace belts and wear parts Replace CVT spacer drive pulley (only L7e-B1 homologated units) Check centrifugal clutch for function (test run) Check shaft sealing ring for seal tightness Check and clean housing aeration and venting	•	•	•	•
		Transmission	Check aeration and venting lines and expansion container Transmission oil: Check fill level and condition (front and rear axle) Replace transmission oil Check and readjust differential lock actuation Check four-wheel-drive actuation Check and adjust shift linkage	•	•	•	•
		Service brake (hydraulic)	Check service brake unit (hydraulic) for clearance and free movement Check brake lines, brake pump and brake caliper for leakage or damage Check brake fluid level and quality of fluid Replace brake fluid	•	•	•	•
		Parking brake (cable)	Check parking brake unit (cable) for clearance and smooth movement Check lever, cable and brake caliper for damage. Lubricate cable	•	•	•	•
		Linings / discs	Check brake lining thickness (foot brake and parking brake), replace if necessary Check brake discs for wear and damage, replace if necessary Break In brake linings or brake discs (20 x brake action at 20mph) Check bolted connections for tight fit, retighten	•	•	•	•
		Supply lines	Check for correct routing and fixing (sufficient distance to hot or movable parts)	•	•	•	•
		Tyres	Conditions (cracks, deformity and durability of tyre compound), including inside tyre wall Profile depth Tyre pressure	•	•	•	•
UNDERBODY	ELECTRIC SYSTEM	Wheel rims	Condition (cracks, deformation) Check wheel nut tightening torque	•	•	•	•
		Rubber bushes and sleeves	Check for correct and tight fit Check for damage	•	•	•	•
		Axel journals	Check plastic bearings for wear Check axle journals for damage, deformation	•	•	•	•
		Shock absorbers	Check piston rod for damage (scratches, scoring) Check absorbers for function and leakage Check springs for damage Check shock absorber bearings for wear	•	•	•	•
		Wheel bearings	Check for wear and play	•	•	•	•
		Steering equipment	Check steering for clearance and smooth running Check steering head bearing for wear (play) Check track rods, track rod heads, steering gear for wear and damage Check bolted connections for tight fit, retighten Check steering link / wheel for damage and tight fit	•	•	•	•
		Frames	Check frame parts and welded seams for damage	•	•	•	•
		Tracking	Check and adjust	•	•	•	•
		Battery	Check charge, check battery contacts	•	•	•	•
		Fuses	Check fuses Check spare fuses, re-stock	•	•	•	•
DISPLAYS AND CONTROLS	GENERAL	Lighting	Check sidelights, dipped beam, main beam, indicators, hazard warners, rear light, brake light, registration lighting, reflectors Adjust main beam / dipped beam	•	•	•	•
		Horn	Check function and volume	•	•	•	•
		Spark plugs	Check conditions (spark, colouration, deposits, contacts) Replace spark plugs	•	•	•	•
		Heating plugs	Check cold start behaviour, check heating plugs if necessary Replace heating plugs	•	•	•	•
		Wiring harness	Check plug connections and service (contact spray) Check for correct routing and fixing (sufficient distance to hot or movable parts)	•	•	•	•
		Tachometer	Check display for function and damage	•	•	•	•
		Indicator lamps	Check function	•	•	•	•
		Operating elements	Check switches, levers, buttons for ease of movement and function	•	•	•	•
		Mirrors	Check mirrors and fixings for damage and tight fit	•	•	•	•
		Grips	Check for damage, wear and tight fit Check heating for function (if fitted)	•	•	•	•
Arctic Cat GmbH Industriestrasse 43 5600 St. Johann/Pg. Austria	GENERAL	Anti-theft device	Check function, clean and lubricate if necessary	•	•	•	•
		Gearlever	Check correct setting and tight fit	•	•	•	•
		Pull starter	Check function, return spring and cable	•	•	•	•
		Final Checks and documentation	Reset defect code memory / error messages Test run (motor power, driving behaviour, brakes, noises, gear changing, ...) Clean vehicle Make entries in service manual Copy service plan to customer (condition for Cat Care guarantee) Copy service plan to Arctic Cat GmbH (condition for Cat Care guarantee)	•	•	•	•