

# 3G Powersports

# SERVICE SCHEDULE CHECKLIST

2017 Polaris R17RTA87A9 RANGER XP 900 POLAR  
5K SERVICE

CUSTOMER NAME \_\_\_\_\_ MILEAGE \_\_\_\_\_ NEXT SVC \_\_\_\_\_ RO# \_\_\_\_\_

<b>Electrical System</b> ✓ ⓘ ⚠			<b>Throttle Operation - Inspect</b>		
Battery - Inspect			Inspect condition <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Check condition, Measure voltage	<input type="checkbox"/>	<input type="checkbox"/>	Adjust/lube cables as needed	<input type="checkbox"/>	<input type="checkbox"/>
Inspect for leaks, terminal condition	<input type="checkbox"/>	<input type="checkbox"/>	Inspect grip/pedal for sticking	<input type="checkbox"/>	<input type="checkbox"/>
<b>Electrical System - Inspect</b>			Replace cables if necessary <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Check operation of all lights	<input type="checkbox"/>	<input type="checkbox"/>	<b>Throttle Body Intake - Inspect</b>		
Check operation of all switches	<input type="checkbox"/>	<input type="checkbox"/>	Inspect for air leaks, Clean	<input type="checkbox"/>	<input type="checkbox"/>
Check for fault codes	<input type="checkbox"/>	<input type="checkbox"/>	Replace if necessary	<input type="checkbox"/>	<input type="checkbox"/>
<b>Controls</b> ✓ ⓘ ⚠			<b>Cooling System</b> ✓ ⓘ ⚠		
Shift Cable, Lever, Mechanism - Lube			Cooling System - Inspect		
Inspect condition	<input type="checkbox"/>	<input type="checkbox"/>	Inspect radiator, clean if necessary	<input type="checkbox"/>	<input type="checkbox"/>
Adjust as needed	<input type="checkbox"/>	<input type="checkbox"/>	Inspect hoses and fittings	<input type="checkbox"/>	<input type="checkbox"/>
Lube if needed	<input type="checkbox"/>	<input type="checkbox"/>	Inspect cooling fan	<input type="checkbox"/>	<input type="checkbox"/>
Replace if necessary	<input type="checkbox"/>	<input type="checkbox"/>	<b>Radiator Hoses and O-rings - Inspect</b>		
<b>Engine</b> ✓ ⓘ ⚠			Inspect for cracks in hoses <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Engine Oil Filter - Remove and Replace			Check for leaks in O-rings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Engine Oil - Remove and Replace			Replace if necessary <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Check for leaks, metal debris, level	<input type="checkbox"/>	<input type="checkbox"/>	<b>Radiator Coolant - Inspect</b>		
<b>Engine Oil Lines - Inspect</b>			Check for leaks, level <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Inspect lines	<input type="checkbox"/>	<input type="checkbox"/>	Replace if necessary <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Inspect tank and cooler	<input type="checkbox"/>	<input type="checkbox"/>	<b>Brake System</b> ✓ ⓘ ⚠		
Replace if worn or cracked	<input type="checkbox"/>	<input type="checkbox"/>	<b>Brake Pads/Shoes - Inspect</b>		
<b>Engine Mounts - Check Torque</b>			Inspect thickness _____ <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Check torque on critical fasteners	<input type="checkbox"/>	<input type="checkbox"/>	Inspect condition <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Spark Plug - Remove and Replace</b>			<b>Brake Fluid - Inspect</b>		
Adjust gap	<input type="checkbox"/>	<input type="checkbox"/>	Check level, fill as required <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Replace as needed	<input type="checkbox"/>	<input type="checkbox"/>	Check condition, replace as needed <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Valve Clearance - Adjust</b>			<b>Drive System</b> ✓ ⓘ ⚠		
Check clearance	<input type="checkbox"/>	<input type="checkbox"/>	<b>Differential Oil - Remove and Replace</b>		
Adjust if needed	<input type="checkbox"/>	<input type="checkbox"/>	Check for leaks, metal debris, level <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
<b>Fuel and Intake</b> ✓ ⓘ ⚠			<b>Transmission Oil - Remove and Replace</b>		
Fuel System - Inspect			Check for leaks, metal debris, level <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Inspect lines, tank	<input type="checkbox"/>	<input type="checkbox"/>	<b>Drive Belt - Inspect</b>		
Inspect Pump Seal	<input type="checkbox"/>	<input type="checkbox"/>	Inspect belt condition <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Replace if worn or cracked	<input type="checkbox"/>	<input type="checkbox"/>	Check tension <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		

Inspect wheel bearings

**Drive Shaft U-Joints - Inspect**

Inspect for excessive play

Lube

Replace if necessary

**CVT Drive Clutches - Inspect**

Inspect, Clean

Check alignment and offset

Replace if necessary

**Exhaust and Emissions**



**Exhaust System - Inspect**

Inspect overall condition, check for leaks

Check nuts and bolts

**Chassis and Tires**



**Wheels and Tires - Inspect**

Check and set proper pressure

Inspect tread depth \_\_\_\_\_

Inspect for dry rotting

Check wheel bearings

**Suspension**



**Rear Suspension - Lube**

Inspect shock absorbers for leaks

Check all linkages for excessive free play

Repack linkages as needed

Inspect knuckle pivots and lubricate as needed

**Suspension System - Lube**

Check shocks

Check A-arms and/or trailing arms

Check bushings/bearings, lubricate as needed

Technician or Service Advisor Suggestions \_\_\_\_\_

\_\_\_\_\_

Technician Signature

Date

Customer Signature

Date

\_\_\_\_\_

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\_\_\_\_\_

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<b>Engine - General</b>		<b>Front Suspension</b>		
Engine Oil Standard Grade	Polaris PS-4	Front A-Arm Pivot Nuts Upper Torque	40 FT LBS	
Engine Oil Level	2.5 QTS	Front A-Arm Pivot Nuts Lower Torque	40 FT LBS	
Engine Oil Drain Bolt Torque	12 - 12 FT LBS	Front Shock Upper Mount Torque	40 FT LBS	
<b>Engine - Top End</b>		Front Shock Lower Mount Torque	40 FT LBS	
Cam Chain Tensioner Mount Bolt Torque	30 - 30 FT LBS	<b>Rear Suspension</b>		
Cylinder Head Cover Bolts Torque	7 - 7 FT LBS	Rear Shock Upper Mount Torque	40 FT LBS	
<b>Ignition</b>		Rear Shock Lower Mount Torque	40 FT LBS	
Spark Plug Type	MR7F	Rear A-Arm Nuts Upper Inner Torque	40 FT LBS	
Spark Plug Gap	0.75 - 0.75 MM	Rear A-Arm Nuts Lower Inner Torque	40 FT LBS	
Spark Plug Torque	7 - 7 FT LBS	Rear A-Arm Nuts Upper Outer Torque	40 FT LBS	
<b>Cooling System</b>		Rear A-Arm Nuts Lower Outer Torque	40 FT LBS	
Engine Coolant Capacity	5 QTS	<b>Transmission</b>		
<b>Brake System</b>		Transmission Oil Grade	Polaris Synthetic AGL	
Brake Fluid Grade	DOT 4	Transmission Oil Capacity	41 OZ	
<b>Front Brakes</b>		Transmission Oil Drain Bolt Torque	14 FT LBS	
Front Brake Caliper Mount Bolts Torque	30 FT LBS	<b>Parts Required</b>		
<b>Rear Brakes</b>		<b>Part Type</b>	<b>Part #</b>	<b>Qty</b>
Rear Brake Caliper Mount Bolts Torque	48 FT LBS	Engine Oil Filter	2540086	1
<b>Final Drive</b>				
Front Differential Oil Grade	Polaris Demand Drive Plus			
Front Differential Oil Capacity	6.75 OZ			
Front Differential Oil Drain Bolt Torque	10 FT LBS			
Primary Sheave Assembly Nut or bolt Torque	96 FT LBS			
Secondary Sheave Nut or Bolt Torque	38 FT LBS			
<b>Front Wheels</b>				
OEM Front Tire	25 x 10 x 12			
OEM Front Tire Pressure	10 PSI			
Front Axle Nuts Torque	75 FT LBS			
Front Wheel Nuts Aluminum Torque	120 FT LBS			
Front Wheel Nuts Steel Torque	60 FT LBS			
<b>Rear Wheels</b>				
OEM Rear Tire	25 x 11 x 12			
OEM Rear Tire Pressure	12 PSI			
Rear Axle Torque	110 FT LBS			
Rear Wheel Nuts Aluminum Torque	120 FT LBS			
Rear Wheel Nuts Steel Torque	60 FT LBS			
<b>Steering</b>				
Tie - Rod End Nuts Torque	40 FT LBS			
Tie - Rod End Lock Nuts Torque	14 FT LBS			