



**F R E Q U E N C Y**



**ENGINE**

**NOTES**

	PRE-RACE CHECK	EVERY 2 HRS OF OPERATION	EVERY 5 HRS OF OPERATION	EVERY 50 HRS OF OPERATION	WET RACE SERVICE	WINTERIZE/SPRINGERIZE	
E01: Check oil level in gear box	X						
E02: Check friction lining of flywheel clutch for wear, replace if needed			X				Minimum layer thickness: 1.5 mm/0.06 in
E03: Replace oil in gearbox			X	X			After first 5 hrs of operation, then after every 5 hrs
E04: Clean exhaust valve and check if moving freely			X				
E05: Check overflow bottle, empty if necessary	X						
E06: Tear-down inspection of engine (must be conducted by an authorized ROTAX Service Centre)				X			Inspect following components and replace if required: piston, piston pin and piston pin bearing, conrod and conrod bearing, main bearings of crankshaft
E07: Check airfilter, apply oil, replace if damaged			X		X		
E07a: After each wet race, apply oil in carburetor					X		
E08: Visually inspect connections between engine and carburetor and check fit and tightness of intake silencer	X						Right after every collision
E09: Visually inspect fuel filter, replace if needed	X						
E10: Replace fuel filter				X			or as required
E11: Renew damping mat'l in after muffler of exhaust sys.			X				
E12: Check fit and tightness of exhaust	X						
E13: Inspect for leakage on the bore at the crankcase	X						Right after every collision
E14: Verify a tight fit and non leakage of radiator hoses and clamps at engine and radiator	X						Right after every collision
E15: Replace spark plug				X			As required

**KART**

**NOTES**

	PRE-RACE CHECK	EVERY 2 HRS OF OPERATION	EVERY 5 HRS OF OPERATION	EVERY 50 HRS OF OPERATION	WET RACE SERVICE	WINTERIZE/SPRINGERIZE	
K01: Check brake circuit for non-leakage	X	X					
K02: Check level of brake fluid in expansion chambers refill as required							Use only brake fluid of DOT 4 quality
K03: Check functions of brake system	X	X		X			
K04: Check brake pads for wear, renew as required		X					Minimum layer thickness: 1.5 mm/0.06 in
K05: Replace brake fluid		X					Replace yearly. Use only brake fluid of DOT 4 quality
K06: Check hydraulic hoses of brake system for damages and non-leakage		X					
K07: Check brake caliper supports for damage							
K08: Verify a tight fit of all brake system fixation elements and retorque as required	X						
K09: Check steering for easy movability	X						Right after every collision
K10: Check steering for damage	X						Right after every collision
K11: Check steering rods for damage	X						
K12: Verify a tight fit of all steering wheel fixation elements and retorque as required	X						
K13: Check tire pressure	X						
K14: Check tire for damage and wear	X	X					Right after every collision
K15: Check fixation of rims and hubs, retorque as required							
K16: Check tire safety screws for tight fit, retorque as required	X						
K17: Check throttle Bowden cable for easy movability, apply oil as required	X						
K18: Check shifting Bowden cables for possible contact with hot parts (exhaust...)	X						
K19: Check shift paddle for easy movability	X						
K20: Check tire protection rollers for easy movability, apply oil as required	X						
K21: Check RPFS support on frame for damages	X						Right after every collision
K22: Check setup of tire protection rollers							After every adjustment of track width
K23: Check MFD on function	X	X					
K24: Check electric connection for tight fit (also the ones under the battery cover)							
K25: Charge battery							As required, as often as possible
K26: Check battery support	X	X					
K27: Check upper seat mounting screws for tight fit retorque as required							
K28: Check bottom seat mounting screws for tight fit, retorque as required				X			
K29: Check that brake & throttle pedal are moving freely	X						
K30: Check gap between brake pedal and stop, adjust as required		X					
K31: Kart hand wash						X	
K32: Kart hand wash and degrease						X	
K33: Winterize (Owners Manual Ref 3.8) Drain all fluids, add antifreeze, periodic battery charging, cover Kart (if cover provided by customer).						X	
K34: Springerize: Drain antifreeze, refill all fluids, do all Pre-Race checks						X	