



GROUND FORCE Electric Go Kart Troubleshooting Guide

Issue	Symptom(s)	Troubleshoot	Result(s)	Possible Solution(s)
<p style="text-align: center;">Product Does Not Run</p> <p><i>*Always check to make sure charger is plugged into charger port correctly & lights on charger are working properly</i></p> <p><i>*Unit should be charged 12 hours before first initial use and up to 8 hours after each subsequent use</i></p>	Unit shut off while in use	Turn power off; wait a few minutes & press reset button	Lights on power switch <u>AND</u> throttle light up/Unit runs	Correct riding conditions (Refer to Pg 10 in Owner's Manual)
	Lights on throttle <u>AND</u> power switch do <u>NOT</u> light up Motor will not engage	Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
			<u>No</u> loose connection(s)	Replace Reset Button/Power Switch
	Throttle <u>AND</u> Power Switch light up. Unit worked, but will not go after charging.	Secure unit; turn power on & with <u>NO</u> weight on the unit, lift back end up & apply the throttle. Remove battery/motor cover & unplug brake connector from control module Secure unit; turn power on & apply throttle	Rear Wheel(s) Spins Freely	Replace Battery or Charger
			Motor engages	Replace Brake Lever
			Motor does <u>NOT</u> engage	Replace Control Module & Throttle

<p style="text-align: center;">Product Stops Without Applying Brakes</p>	Unit shut off while in use	Turn power switch off; wait a few minutes & press reset button	Lights on power switch <u>AND</u> throttle light up/Unit runs	Correct riding conditions (Refer to Pg 10 in Owner's Manual)
	Lights on throttle <u>AND</u> power switch do <u>NOT</u> light up Motor will not engage	Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
			<u>No</u> loose connection(s)	Replace Reset Button/Power Switch
	Lights on power switch <u>AND</u> throttle light up	Check tension; position & the condition of chain	Chain too loose	Adjust chain (Refer to Pg 14 in Owner's Manual)
			Chain slipped off rear sprocket	Check chain for possible damage [Replace chain if necessary] (Refer to Pg 14 in Owner's Manual)
			Chain is jammed in chain tensioner	Remove chain from chain tensioner; check chain & chain tensioner for possible damage [Replace part(s) if necessary]; place chain back on rear sprocket (Refer to Pg 14 in Owners Manual)
			Turn power off & manually turn gear on motor shaft with your fingers	Gear does <u>NOT</u> turn freely



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Breaker Keeps Tripping	Unit continuously shuts on & off when in use	Turn power switch off; wait a few minutes & press reset button	Lights on throttle <u>AND</u> power switch light up/Unit runs	Correct riding conditions (Refer to Pg 10 in Owner's Manual)
		Remove battery/motor cover & check for loose connection(s) and/or wire(s)	Loose connection(s)	Reconnect Loose Connection(s)
	No loose connection(s) or wire(s) touching		Replace Reset Button & Control Module	
Product Has Short Ride Time or Product Runs Slow or Product Does Not Hold A Charge Note: Product ride time can be reduced any where from 10-20 minutes, on a fully charged battery, depending on riders weight; various riding conditions and/or if product has been properly maintained	Battery shows fully charged, but goes low after only 10-15 minutes of use and/or Unit runs (very) slow	Check riders weight & riding conditions		Correct riding conditions (Refer to Pg 10 in Owner's Manual)
		Check chain tension	Chain too tight	Adjust chain (Refer to Pg 14 in Owner's Manual)
		Check brake cable	Brake lever feels stiff when squeezed/cable too tight	Squeeze brake lever firmly several times to loosen up the brake cable
		Make sure charger is plugged into charger port correctly & indicator lights are working properly	Charger not plugged into charger port correctly	Correctly plug charger into charger port & charge unit for 8 hrs. Refer to Pg 10 in Owner's Manual
		Secure unit; turn power on & with <u>NO</u> weight on the unit, lift back end up & apply the throttle	Rear Wheel Spins Freely	Replace Battery
	Rear wheel barely moves	Lift rear end up & manually spin rear wheel forward Should spin 3-4 times w/no resistance	Wheel does not spin freely	Replace Rear Wheel



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Product Runs Intermittently	Unit cuts in & out while in use	Gently wiggle the wires around the throttle for loose wires(s)	Unit will go when wire(s) are wiggled/Wire(s) loose	Replace Throttle
		Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
	Power skipped several times while in use, now will not start	Remove battery/motor cover & unplug brake connector from control module Secure unit; turn power on & apply throttle	Motor engages/Unit runs again	Replace Brake Lever
		Motor does <u>NOT</u> engage	Replace Throttle & Control Module	

Chain Keeps Coming Off		Check chain tension	Chain is too loose	Adjust chain (Refer to Pg 14 in Owner's Manual)
		Chain is "broken"	Master link missing	Replace Chain
		Sprocket on rear axle is aligned properly with gear on motor shaft	Out of alignment	(Refer to Pg 12 in Owner's Manual)
			Gear on motor shaft is bent	Replace Motor
		Inspect chain tensioner	Chain tensioner broken	Replace Chain Tensioner

Brakes Do Not Work Properly	Unit does not stop when brakes are applied	Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
		Check for loose wire(s) around the brake lever	Wire(s) loose	Replace Brake Lever
		Check brake cable for damage	Cable damaged	Replace Brake Lever

Power Switch Does Not Light Up	Lights on throttle work	Remove battery/motor cover & check for loose connection(s) going to power switch	Loose connection(s)	Reconnect Loose Connection(s)
			<u>No</u> loose connection(s)	Replace Power Switch
	Power switch lights up only when charger is plugged in Light on power switch goes dim/flickers when charger is unplugged	Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
			<u>No</u> loose connection(s)	Replace Battery



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Product Makes 'Grinding' Noise	Unit makes grinding noise when in use	Inspect chain	Dirt & debris found in chain and/or chain is dry	Remove any dirt/debris from chain. Lubricate chain w/WD40®
			Chain tension too tight	(Refer to Pg 14 in Owner's Manual)
		Lift rear end up & manually spin rear wheel forward Should spin 3-4 times w/no resistance	Wheel does not spin freely	Replace Wheel Bearings
	Unit runs, but rear wheel barely moves	Turn power off & manually turn gear on motor shaft with your fingers	Gear on motor shaft is tight Does not turn easily	Replace Motor
	Chain does not rotate freely	Turn power switch off; remove chain from sprocket on rear axle; turn power on & apply throttle	Still makes grinding noise	Replace Motor
			No grinding noise	Replace Rear Wheel
Product Makes 'Clicking' Sound	Rear wheel barely moves	Lift rear end up & manually spin rear wheel forward Should spin 3-4 times w/no resistance	Wheel does not spin freely	Replace Rear Wheel
	Battery shows fully charged Throttle & power switch light up Unit does not move	Remove battery/motor cover to check for loose connection(s)	Loose connection(s)	Reconnect Loose Connection(s)
		Secure unit; turn power on & with <u>NO</u> weight on the unit, lift back end up & apply the throttle	Rear Wheel Spins Freely	Battery or Charger
		Remove battery/motor cover & unplug brake connector from Control Module. Secure unit; turn power on & apply throttle	Motor engages/Rear wheel spins	Replace Brake Lever
			Motor does <u>NOT</u> engage	Replace Throttle & Control Module



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Throttle Sticks	Thumb lever does not spring back when released			Replace throttle
Rear Wheel Locked Up While In Use	Lights on throttle AND power switch light up	Check chain for foreign object(s) and/or debris	Foreign object(s) found in chain	Remove chain guard to clean anything caught in chain Check chain; rear sprocket & chain tensioner for any damage [Replace part(s) if necessary]
		Check tension; position & the condition of chain	Chain too loose	Adjust chain (Refer to Pg 14 in Owner's Manual)
			Chain slipped off rear sprocket Missing master link	Check chain for possible damage [Replace chain if necessary] (Refer to Pg 14 in Owner's Manual)
			Chain is jammed in chain tensioner	Remove chain from chain tensioner; check chain & chain tensioner for possible damage [Replace part(s) if necessary]; place chain back on rear sprocket (Refer to Pg 14 in Owner's Manual)
		Inspect chain tensioner	Chain tensioner broken	Replace Chain Tensioner



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