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## Stinger Stinger EX-AER 19 & 25 Troubleshooting Guide

<u>General Issues</u>	<u>Possible Causes</u>	<u>Solutions</u>	<u>Probability</u>
Engine will not start	Lack of fuel	Check fuel level and fill if needed	
	Old and/or contaminated fuel	Drain fuel from engine completely and replace with fresh gas at least 91 octane	
	Contaminated spark plug	Removed spark plug and inspect. Clean or replace as needed	
	Contaminated carburetor	Inspect carburetor for contamination. Clean or replace as needed	
Engine will not shut off	Throttle cable out of adjustment	Adjust throttle cable until cable shuts off engine via control lever	
Smoke coming from exhaust when engine is running	Engine oil overfilled	Make sure machine is level, then check oil level. If oil level is too high, remove excess oil	
Machine will not move	Missing/damaged belt	Inspect belt and replace if needed	
	Belt tensioner is defective	Inspect belt tensioner ASM and replace any defective components if necessary	
	Loose/missing/damaged chain	Inspect chain and tighten or replace if needed	
	Control linkage(s) out of adjustment/broken	Inspect control linkage(s) and adjust or replace as necessary	
	Lift linkage out of adjustment/broken	Inspect lift linkage and adjust or replace as necessary	
	Sprocket attached to hydraulic pump has broken key	Inspect sprocket attached to hydraulic pump. Replace key and sprocket if needed	
	Failed hydraulic pump	Inspect pump and replace if needed	
Engine pulley is slipping	Inspect engine pulley. Replace if needed		
Tine drive not functioning correctly	Missing/damaged chain	Inspect chain and replace if needed	
	Damaged tine drive	Inspect tine drive. Replace any defective parts if needed	
Front wheels spin while transporting	Front tires overinflated	Set tire pressures to 5.5 lb - 6.5 lb	
	Designed to place maximum weight on the tines and handle Reduced traction on wet grass, gravel, polished concrete	Keep both front tires pulling forward, lift front tires off the ground and rotate on the back tires to maximize traction. Reduced tire wear will contribute to loss of traction. Replace tires as needed	
Difficulty loading on transport	Reduced traction surface or steep incline	Lift tine bar slightly up while loading to ensure weight is on front tires and do not hang sulky from handlebars	
One side isn't pulling	Transmission is in neutral	Locate neutral switch on hydraulic pump and put into gear	
	Loose/missing/damaged chain	Inspect chain and tighten or replace if needed	
	Broken drive sprocket	Inspect drive sprocket and replace if needed	
	Transmission failure	Replace transmission (transmission is not serviceable)	
Machine is making a loud clicking sound	Chain is loose	Adjust chain to remove slack. Chain should be slack-free without any tension. Inspect chain and adjust tension daily for the first few weeks. The majority of chain stretch will occur in the first week of use	
	Sprocket is missing teeth	Inspect sprocket and replace if any teeth are missing or sprocket is damaged	



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Master link is popping off chain	Chain is loose	Adjust chain to remove slack. Chain should be slack-free without any tension. Inspect chain and adjust tension daily for the first few weeks. The majority of chain stretch will occur in the first week of use	
Machine is tearing turf	Sulky mount installed incorrectly and prevent floating tines to turn Turning radius exceeds turf conditions Operator is stopping or reversing one side of the unit when turning Floater tine assemble is loose	Sulky mounting bolts heads should be in the tine assemble and threads pointing towards the sulky. Conditions are too wet for sharp turns, make gentler turns in the 90-110 degree range Slow one side or speed up the opposing side to make turns. Note: the faster the operator goes the tighter the turning radius Slide lock collar over to limit floater tine assembly's side to side movement	

