ENGINE LACKS POWER

		POSSIBLE CAUSE
1. Raise wheel off the ground and spin by hand Wheel pins freely	Wheels do not spin freely	• Brake dragging • Worn or damaged wheel bearing
2. Check tire pressure Pressure normal	Pressure too low	• Faulty tire valve • Punctured tire
3. Accelerate rapidly from low to second Engine speed reduced when clutch is released	Engine speed does not change accordingly when clutch is released	• Clutch slipping • Worn clutch discs/plates • Warped clutch discs/plates • Weak clutch spring • Additive in engine oil
4. Accelerate lightly Engine speed increase	Engine speed does not increase	• SE valve ON position • Clogged air cleaner • Restricted fuel flow • Clogged muffler • Pinched fuel tank breather
5. Check ignition timing Correct	Incorrect	• Faulty ignition control module • Faulty ignition pulse generator
6. Check valve clearance Correct	Incorrect	• Valve stuck open • Worn cylinder and piston rings • Leaking head gasket • Improper valve timing
7. Test cylinder compression Normal	Too low	• Carburetor not serviced frequently enough
8. Check carburetor for clogging Not clogged	Clogged	• Plugs not serviced frequently enough • Spark plugs are the incorrect heat range
9. Remove spark plug Not fouled or discolored	Fouled or discolored	• Oil level too high • Oil level too low • Contaminated oil
10. Check oil level and condition Correct	Oil level incorrect	• Oil level too high • Oil level too low