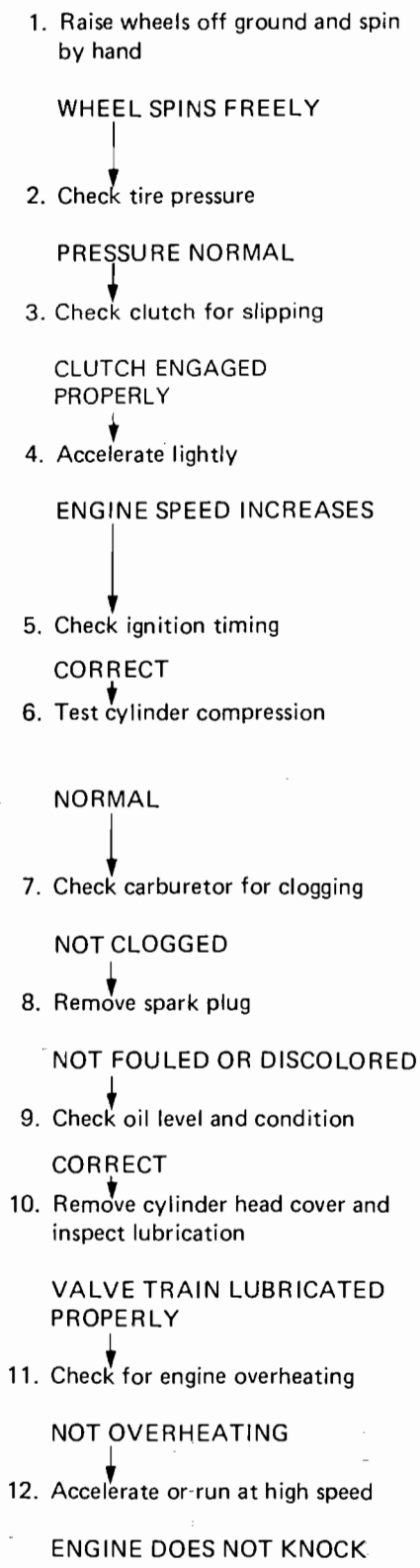




**ENGINE LACKS POWER**



- |                                     |   |   |
|-------------------------------------|---|---|
| WHEELS DO NOT SPIN FREELY           | → | POSSIBLE CAUSE  |
|                                     |   | (1) Brake dragging  |
|                                     |   | (2) Worn or damaged wheel bearing                                       |
|                                     |   | (3) Wheel bearing needs lubrication                                     |
|                                     |   | (4) Faulty drive train  |
| PRESSURE LOW                        | → | (1) Punctured tire  |
|                                     |   | (2) Faulty tire valve   |
| CLUTCH SLIPS                        | → | (1) Faulty clutch spring  |
|                                     |   | (2) Worn clutch disc/plate  |
|                                     |   | (3) Warped clutch disc/plate  |
| ENGINE SPEED DOES NOT INCREASED     | → | (1) Carburetor choke closed   |
|                                     |   | (2) Clogged air cleaner   |
|                                     |   | (3) Restricted fuel flow  |
|                                     |   | (4) Clogged fuel tank breather tube                                     |
|                                     |   | (5) Clogged muffler   |
| INCORRECT                           | → | (1) Faulty spark unit   |
|                                     |   | (2) Faulty pulse generator  |
| TOO LOW                             | → | (1) Valve stuck open  |
|                                     |   | (2) Worn cylinder and piston rings                                      |
|                                     |   | (3) Leaking head gasket   |
|                                     |   | (4) Improper valve timing   |
|                                     |   | (5) Excessive camshaft runout   |
| CLOGGED                             | → | Carburetor not serviced frequently enough                               |
| FOULED OR DISCOLORED                | → | (1) Plugs not serviced frequently enough                                |
|                                     |   | (2) Spark plug with incorrect heat range                                |
| INCORRECT                           | → | (1) Oil level too high  |
|                                     |   | (2) Oil level too low   |
|                                     |   | (3) Contaminated oil  |
| VALVE TRAIN NOT LUBRICATED PROPERLY | → | (1) Clogged oil passage   |
|                                     |   | (2) Clogged oil control orifice   |
| OVERHEATING                         | → | (1) Excessive carbon build-up in combustion chamber                     |
|                                     |   | (2) Use of poor quality fuel  |
|                                     |   | (3) Clutch slipping   |
| ENGINE KNOCKS                       | → | (1) Worn piston and cylinder  |
|                                     |   | (2) Wrong type of fuel  |
|                                     |   | (3) Excessive carbon build-up in combustion chamber                     |
|                                     |   | (4) Ignition timing too advanced (Faulty spark unit or pulse generator) |