

# ENGINE SERVICING (TWIN CYLINDER)

## General Engine Information

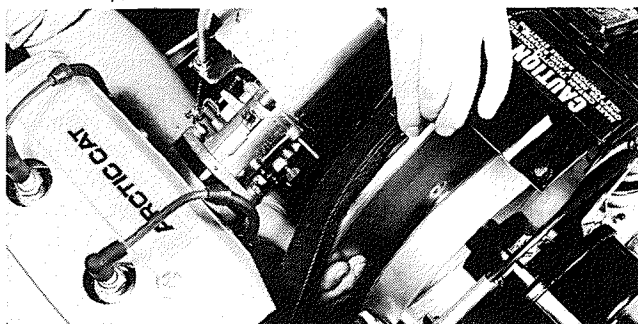
In the manufacture of Arctic Cat snowmobiles, both the Kawasaki single cylinder (KT150A and KT150B) and the twin cylinder (T1A) engines are used. This engine section will provide you with the information necessary to service the Kawasaki twin cylinder (T1A) engine. Read and understand this section before performing any engine service procedures.

## Engine Removal

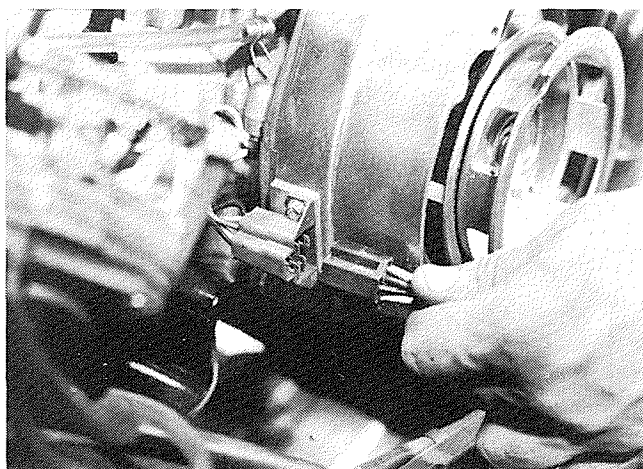
To remove the engine from the belly pan, use the following procedure:

**NOTE:** When the engine is being removed and during engine disassembly, all fasteners should be retained with the appropriate component parts.

1. Open or remove the hood, whichever will better facilitate engine removal and servicing. If the hood is removed, the headlight harness must be removed first.
2. Disconnect the spark plug lead wires.
3. Remove the drive belt (see Drive Belt Removal, page 109).



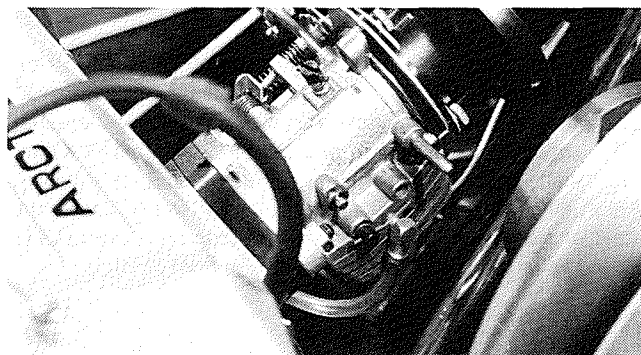
4. Disconnect the headlight/ignition harness at the recoil side of the engine.



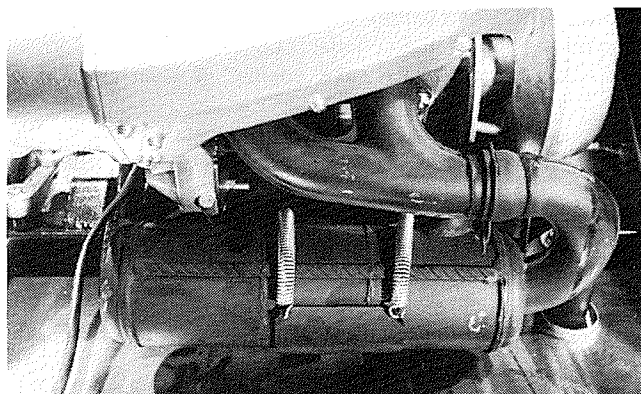
5. Disconnect the choke and the throttle cable wires at the carburetor.
6. Remove the inlet fuel line and the vapor return line at the carburetor.

### WARNING

To prevent gas leakage, insure that the fuel line ends are positioned above the fuel tank.



7. Disassemble the muffler from the exhaust outlet pipe by removing the two (2) springs and wire clip that secure the muffler to the exhaust outlet pipe.



8. Remove the bracket securing the recoil starter handle to the right side of the console.

