

# ENGINE REMOVAL AND INSTALLATION

## GROUP

## 2

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### 2-1 DESCRIPTION

The engine is made as single-unit including clutch and transmission and mounted to the frame with four mounting bolts.

The single-unit engine may be dismantled by disconnecting wiring system, fuel system, exhaust system, air intake system and final drive system, and removing engine mounting bolts. However, the following parts can be disassembled from the engine without dismantling the engine from the frame.

Clutch assembly, a. c. generator, cam chain tensioner, gear shift arm, gear shift drum stopper, gear shift positive stopper, contact breaker assembly and carburetor.

### 2-2 ENGINE REMOVAL

1. Shut off the fuel tank valve and disconnect the fuel tubes from the fuel tank valve. Raise the seat and remove the fuel tank. (refer to page 82).
2. Remove the oil filter and drain the engine oil by removing both the oil tank drain plug (refer to Fig. 15-7 on page 154) and the engine oil drain plug. (Fig. 2-1)
3. Remove the exhaust mufflers.
4. Disconnect the tachometer cable at the cylinder head cover and remove the high tension cord caps from the spark plugs. (Fig. 2-2)
5. After removing the throttle valves from the respective carburetor, detach the carburetors from the inlet pipes.
6. Remove the air cleaner case.
7. Remove the kick starter pedal and the clutch cover.

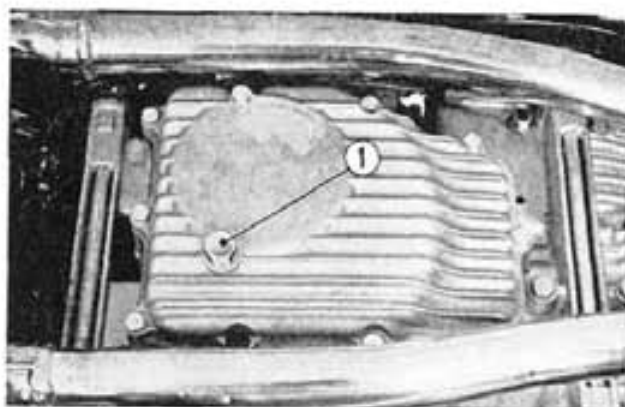


Fig. 2-1 ① Engine oil drain plug

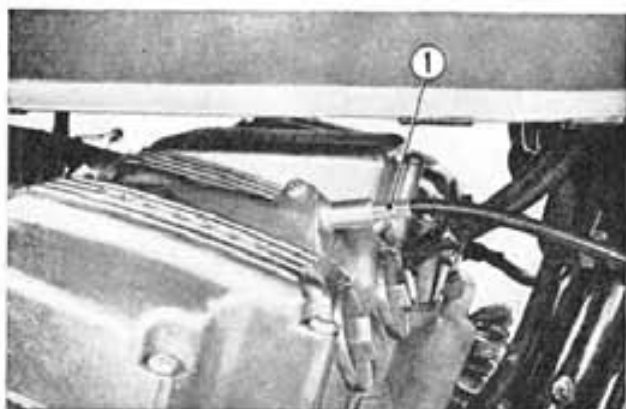


Fig. 2-2 ① Tachometer cable