
ENGINE REMOVAL/INSTALLATION



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6. ENGINE REMOVAL/INSTALLATION

SERVICE INFORMATION

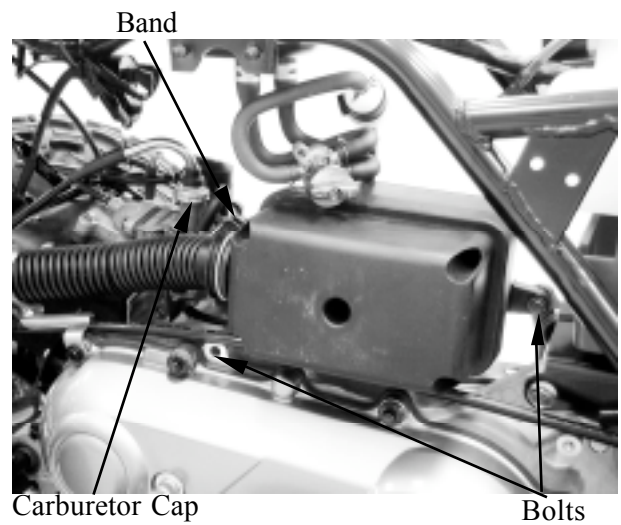
GENERAL INSTRUCTIONS

- A floor jack or other adjustable support is required to support and maneuver the engine. Be careful not to damage the machine body, cables and wires during engine removal.
- Use shop towels to protect the motorcycle body during engine removal.
- Parts requiring engine removal for servicing:
 - ☐ Crankcase
 - ☐ Crankshaft

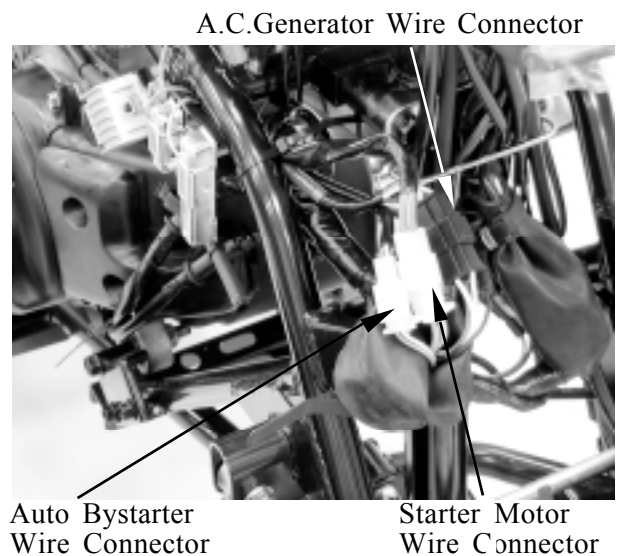
6. ENGINE REMOVAL/INSTALLATION

ENGINE REMOVAL

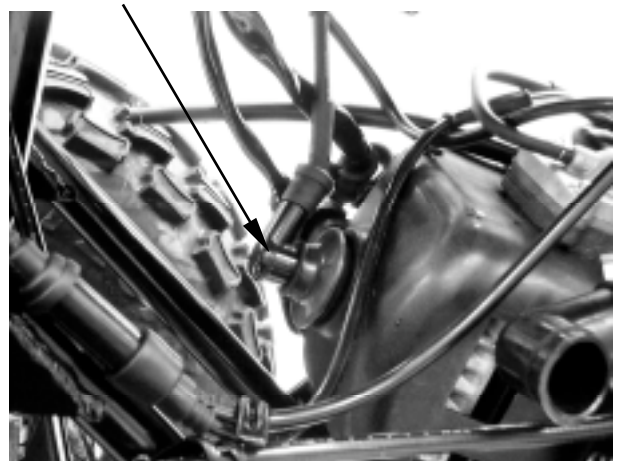
Remove the two bolts attaching the air cleaner case.
Loosen the band between the air cleaner and carburetor to remove the air cleaner case.
Remove the carburetor cap.



Disconnect the auto bystarter, A.C. generator and starter motor wire connectors.



Remove the spark plug cap.



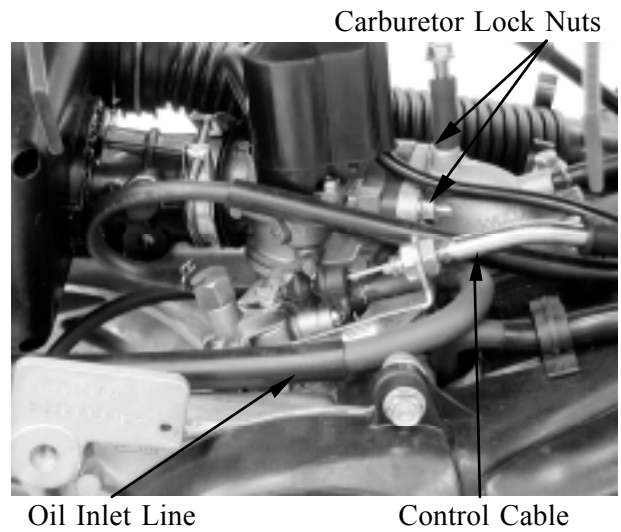
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Disconnect the oil pump control cable from the pump body.
Disconnect the oil inlet line from the oil pump.

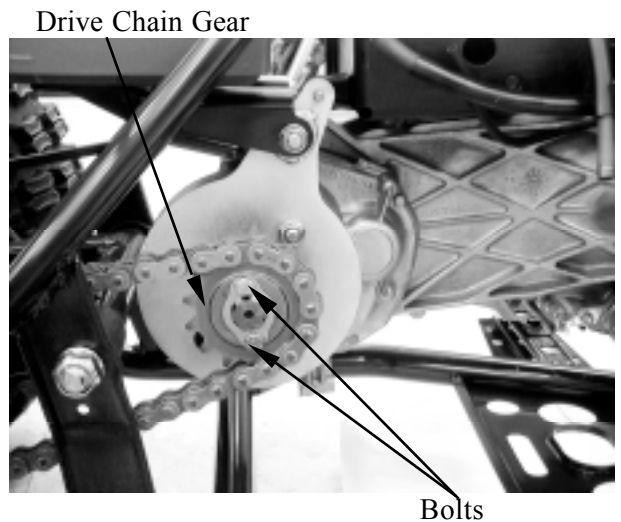


After the oil inlet line is disconnected, plug the oil line opening to prevent oil from flowing out.

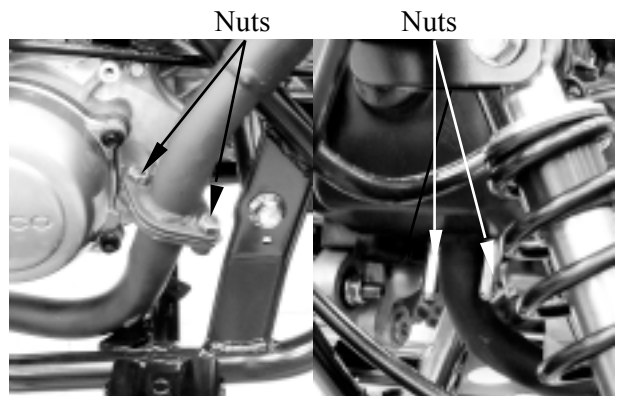
Remove the two carburetor lock nuts.
Remove the carburetor.



Remove the rear drive chain gear on the bolts.
Remove the drive chain gear.



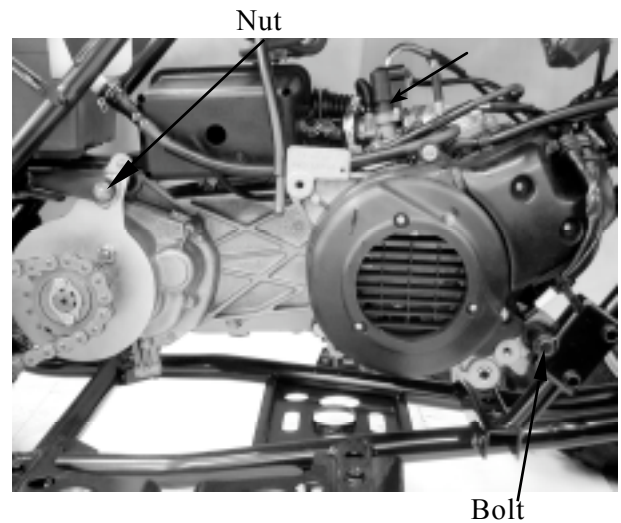
Remove the two nuts attaching the exhaust muffler.
Remove the two nuts attaching the exhaust pipe.
Remove the exhaust muffler lock bolts.
Remove the exhaust muffler and exhaust pipe. (⇒ 2-5)



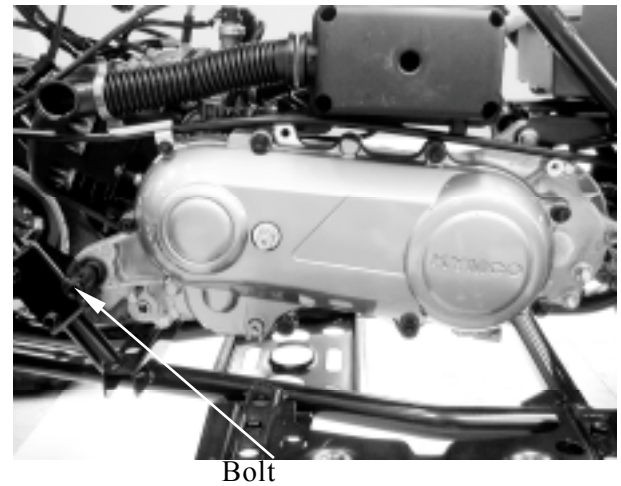
6. ENGINE REMOVAL/INSTALLATION

ENGINE REMOVAL

Remove the engine any connector thing.
Remove the engine back bracket bolt, nut and collar.
Remove the engine front right bracket bolt and nut.



Remove the engine front left bracket bolt and nut.



ENGINE INSTALLATION

Install the engine and tighten the engine mounting bolts.

Torque: 3.5_ 4.5kgf-m

Install the removed parts in the reverse order of removal.

◊ Route the wires and cables properly.

