
ENGINE REMOVAL

6

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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 machine body during engine removal.
- Parts requiring engine removal for servicing:
 - ☐ Crankcase
 - ☐ Crankshaft

6. ENGINE REMOVAL

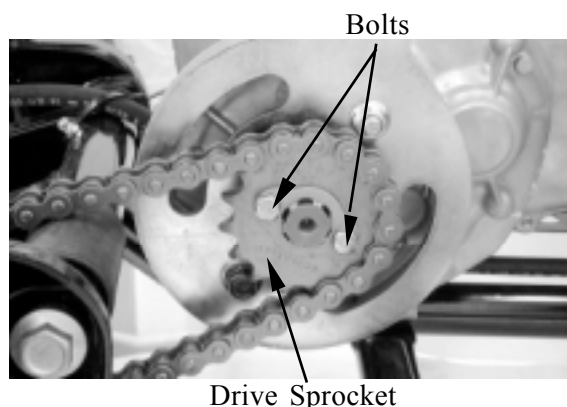
ENGINE REMOVAL (Mongoose/KXR 90)

Drain engine oil and transmission oil. (Refer to chapter 3)

Remove frame covers and exhaust pipe. (Refer chapter 2)

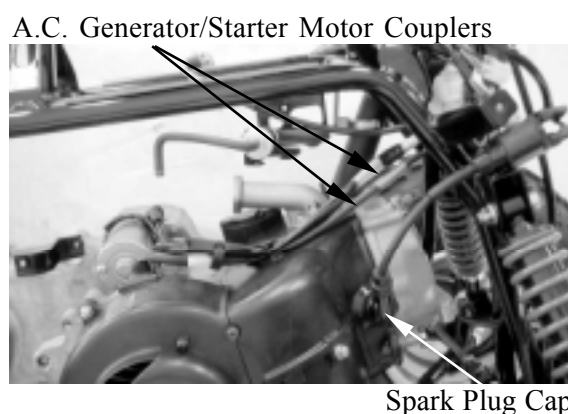
Remove air cleaner and carburetor. (Refer to chapter 5)

Remove the two bolts on the drive sprocket.
Remove the drive sprocket and washer.



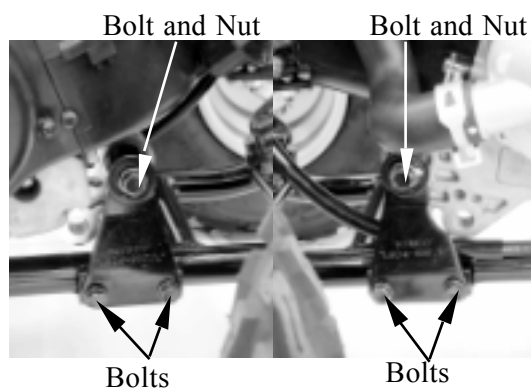
Remove the spark plug cap.

Disconnect the A.C. generator and starter motor couplers.



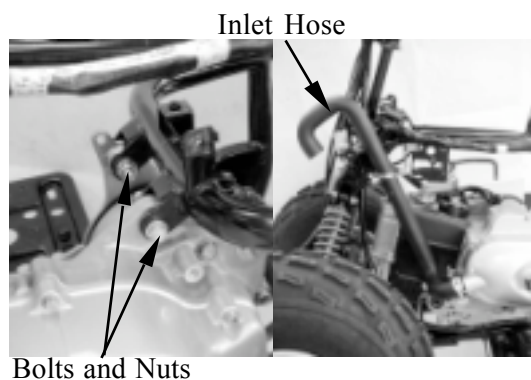
Remove the front two mounting bolts and two nuts at the engine right/left side.

Remove the four bolts and then remove the left and right engine brackets at the engine right/left side.



Remove the rear two mounting bolts and two nuts.

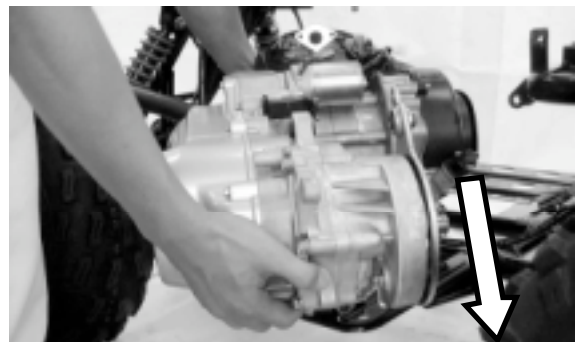
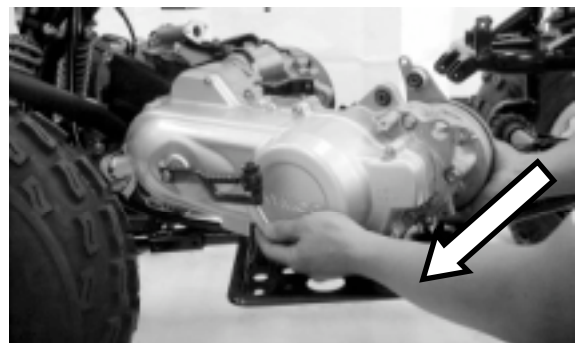
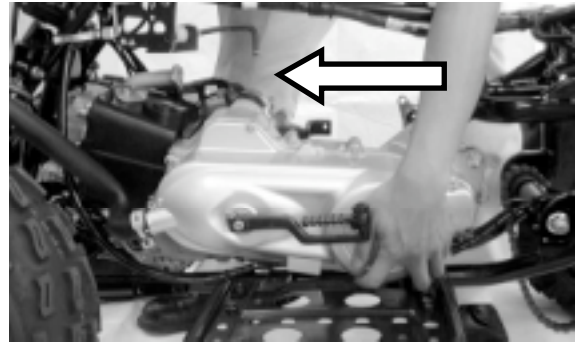
Disconnect the inlet hose from the frame.



6. ENGINE REMOVAL/INSTALLATION

Mongoose/KXR 90/50

Remove the engine assembly to the left side of the machine.



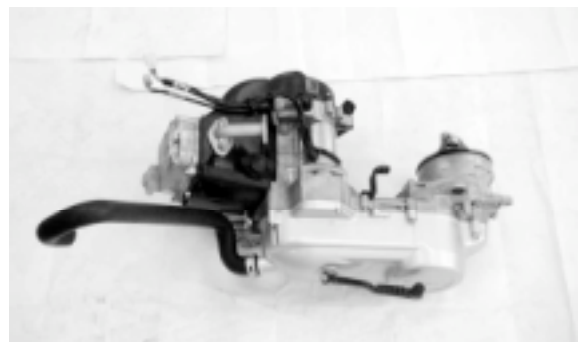
INSTALLATION

Reverse the "REMOVAL" procedures.

TORQUE VALUES

Front engine bracket bolt 4.0_ 5.0kgf-m

Rear engine bracket bolt 2.0_ 2.4kgf-m



6. ENGINE REMOVAL

ENGINE REMOVAL (Mongoose/KXR 50)

Remove frame covers and exhaust pipe.
(Refer to chapter 2)

Remove oil tank. (Refer to chapter 4)

Remove air cleaner and carburetor. (Refer to chapter 5)

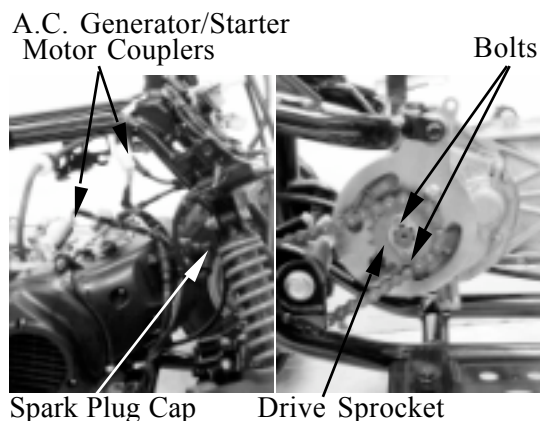
Drain transmission oil. (Refer to chapter 3)

Disconnect the A.C. generator and starter motor couplers.

Remove the spark plug cap.

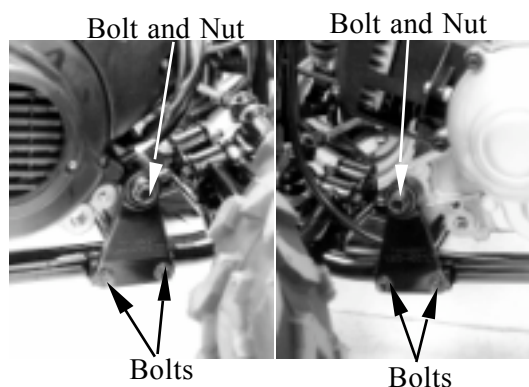
Remove the two bolts on the drive sprocket.

Remove the drive sprocket and washer.

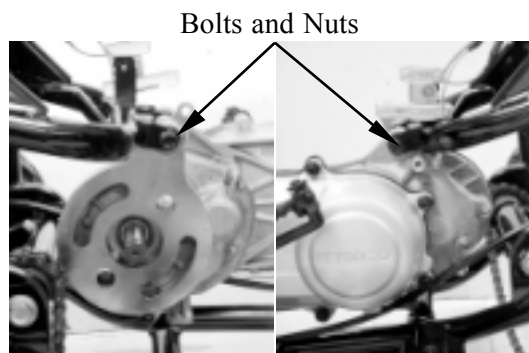


Remove the front two mounting bolts and two nuts at the engine right/left side.

Remove the four bolts and then remove the left and right engine brackets at the engine right/left side.



Remove the rear two mounting bolts and two nuts.



6. ENGINE REMOVAL/INSTALLATION

Mongoose/KXR 90/50

Remove the engine assembly to the left side of the machine.



INSTALLATION

Reverse the "REMOVAL" procedures.

TORQUE VALUES

Front engine bracket bolt	4.0_ 5.0kgf-m
Rear engine bracket bolt	2.0_ 2.4kgf-m

