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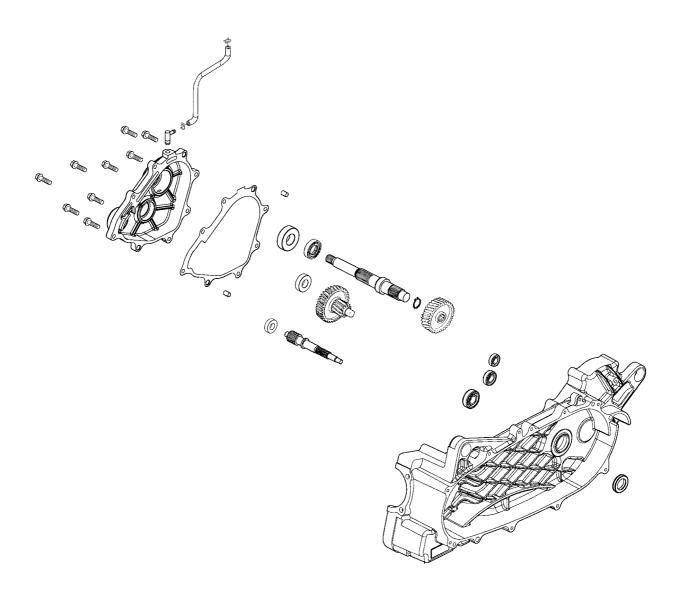
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SCHEMATIC DRAWING





SERVICE INFORMATION

GENERAL INSTRUCTIONS

- The servicing operations of this section can be made with the engine installed.
- When replacing the drive shaft, use a special tool to hold the bearing inner race for this operation.

SPECIFICATIONS

Specified Oil: SAE 90#

Oil Capacity:

At disassembly : 0.20 liter At change : 0.18 liter

TORQUE VALUES

Transmission case cover bolt $17.7 \sim 21.6$ N-m Oil check bolt $7.8 \sim 11.8$ N-m

SPECIAL TOOLS

Bearing puller E037

TROUBLESHOOTING

Engine starts but motorcycle won't move

- Damaged transmission
- Seized or burnt transmission

Abnormal noise

- Worn, seized or chipped gears
- Worn bearing

Oil leaks

- Oil level too high
- Worn or damaged oil seal



PEOPLE/PEOPLE S 250

FINAL REDUCTION DISASSEMBLY

Remove the exhaust muffler. (⇒2-10) Remove the rear brake caliper. (⇒15-3) Remove the right rear shock absorber. (⇒

Remove the rear fork. (⇒15-6) Remove the rear wheel. (⇒15-7) Remove the left crankcase cover. (⇒8-3) Remove the clutch outer/driven pulleys.

(⇒8-4) Drain the transmission gear oil into a clean container.

Remove the transmission case cover attaching bolts.

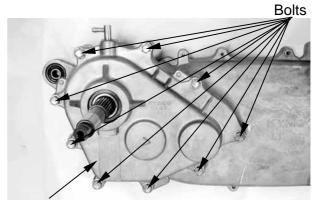
Remove the transmission case cover.

Remove the gasket and dowel pins.

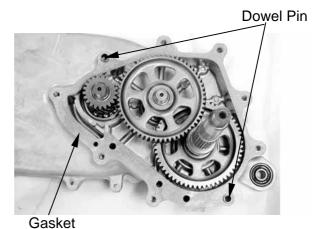
Remove the final shaft. Remove the final gear and countershaft.



Inspect the countershaft and gear for wear or damage.



Transmission Case Cover



Final Shaft **Drive Shaft** Countershaft Final Gear



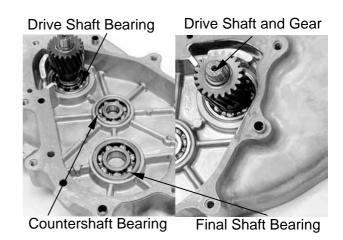


Inspect the final gear and final shaft for wear, damage or seizure.



Check the left crankcase bearings for excessive play and inspect the oil seal for wear or damage.

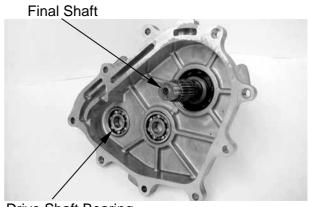
Inspect the drive shaft and gear for wear or damage.



Check the transmission case covers bearings for excessive play and inspect the final shaft bearing oil seal for wear or damage.

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Do not remove the transmission case cover except for necessary part replace-ment. When replacing the drive shaft, also replace the bearing and oil seal.

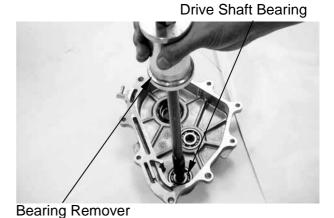


Drive Shaft Bearing



BEARING REPLACEMENT (TRANSMISSION CASE COVER)

Remove the transmission case cover bearings using the bearing remover. Remove the final shaft oil seal.

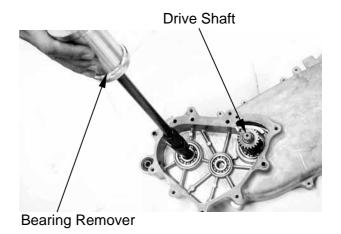


Drive new bearings into the transmission case cover.



BEARING REPLACEMENT (LEFT CRANKCASE COVER)

Remove the drive shaft. Remove the drive shaft oil seal. Remove the left crankcase bearings using the bearing remover.

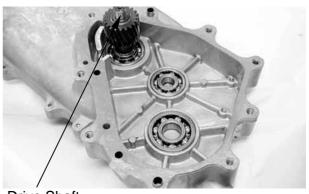


Drive new bearings into the left crankcase. Install a new drive shaft oil seal.



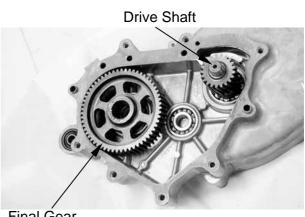
FINAL REDUCTION ASSEMBLY

Install the drive shaft into the left crankcase.



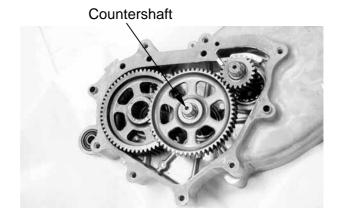
Drive Shaft

Put the final gear on the left crankcase.

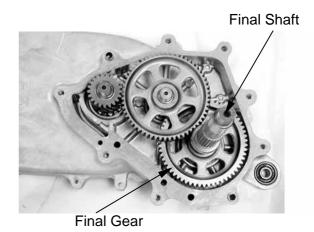


Final Gear

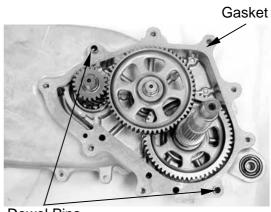
Install the countershaft and gear into the left crankcase.



Install the final shaft into the final gear and transmission case.



Install the dowel pins and a new gasket.



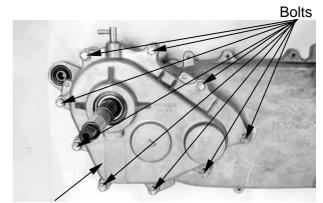
Dowel Pins



Install the transmission case cover.

Install and tighten the transmission case cover bolts.

Install the clutch outer/driven pulley. Install other removed parts in the reverse order of removal.



Transmission Case Cover

After installation, fill the transmission case with the specified oil.

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- Place the scooter on its main stand on level ground.
- Check the oil-sealing washer for wear or damage.

Specified Gear Oil: SAE90#

Oil Capacity:

At disassembly : 0.20 liter At change : 0.18 liter

Install and tighten the oil check bolt.

Torque: 7.8∼11.8N-m

Start the engine and check for oil leaks. Check the oil level from the oil check bolt hole and add the specified oil to the proper level if the oil level is low.

Oil Check Bolt Hole/Filler



Drain Bolt