

Remove the front wheel dust seal [1] from the left wheel hub.

FRONT WHEEL/SUSPENSION/STEERING

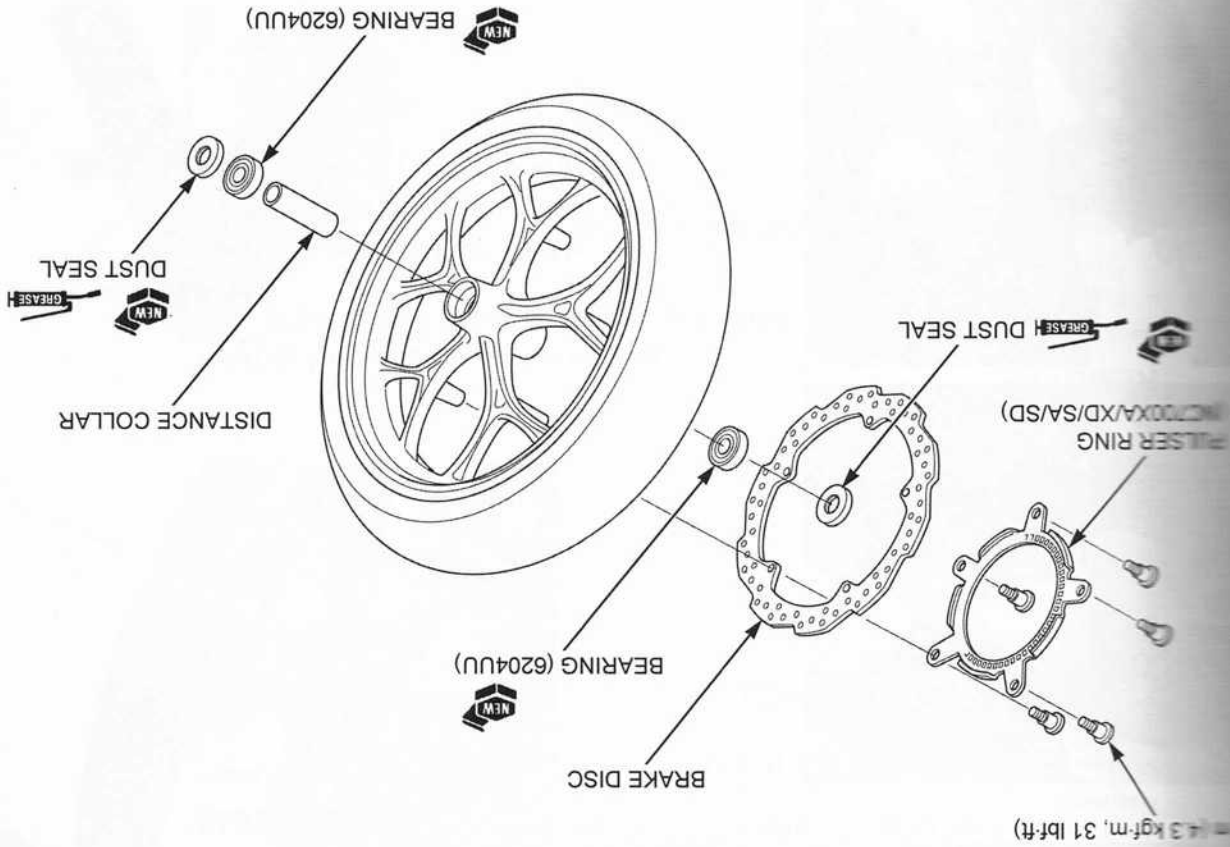
Assembly is in the reverse order of disassembly.

NOTE:

- Replace the front wheel dust seals and front brake disc mounting bolts with new ones.
- Apply grease to the front wheel dust seal lips.
- Install the front wheel dust seal until it is flush with the wheel hub surface.
- Install the front brake disc with the "⇄" marked side facing out.

TORQUE:

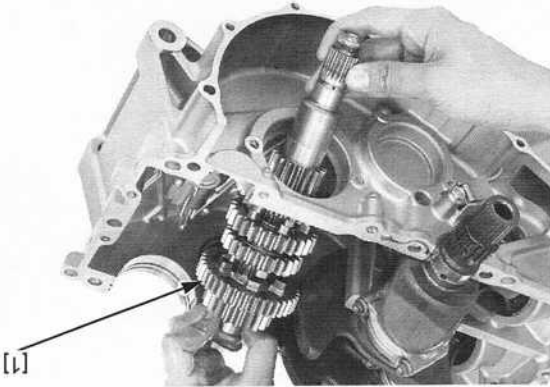
Front brake disc mounting bolt:
42 N·m (4.3 kgf·m, 31 lbf·ft)



INSTALLATION

MAINSHAFT/COUNTERSHAFT

Install the mainshaft assembly [1] into the upper crankcase.

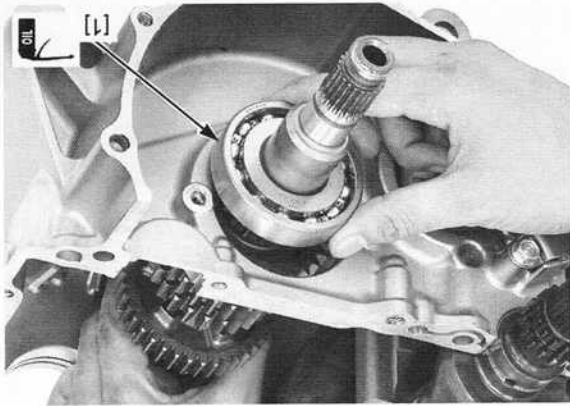


Apply engine oil to the right mainshaft bearing [1].

Install the right mainshaft bearing into the upper crankcase.

NOTE:

Install the bearing into the crankcase with the marked side facing out.

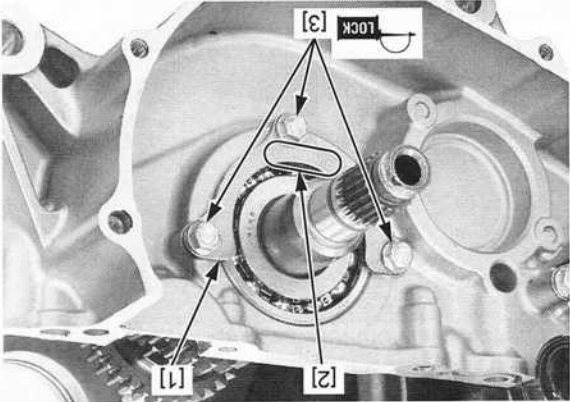


Apply locking agent to the mainshaft bearing set plate bolts threads (page 14-6).

Install the mainshaft bearing set plate [1] with its "OUT SIDE" mark [2] facing out.

Install and tighten the mainshaft bearing set plate bolts [3] to the specified torque.

TORQUE: 12 N·m (1.2 kgf·m, 9 lbf·ft)



Install the dowel pin [1] onto the upper crankcase hole. Install the countershaft bearing set ring [2] to the countershaft bearing groove.

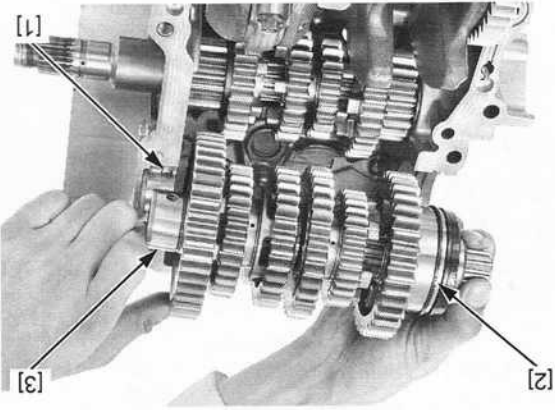
Install the countershaft assembly [3].

NOTE:

- Align the needle bearing cap hole with the dowel pin.
- Align the set ring with the upper crankcase groove.

Install the shift drum/shift fork (page 14-16).

Assemble the crankcase (page 14-28).



REMOVAL/INSTALLATION

Remove the following:

- Battery (page 21-6)
- Luggage box (page 2-19)

Remove the bolts [1] and ignition coil stay [2] from the battery box [3].

Release the following:

- Fuse box [4]
- Starter relay switch [5]
- CKP sensor harness [6]
- Battery negative (-) cable [7]
- Main wire harness [8]
- Junction B 14P (Orange) connector [9]
- Junction G 14P (Orange) connector [10]
- DLC [11]
- Battery positive (+) cable [12]

Remove the socket bolts [13] and battery box while releasing the grommets [14] from the frame bosses [15].

Disconnect the battery box drain hose [16].

Remove the grommet from the battery box.

Installation is in the reverse order of removal.

NOTE:

Route the cable, wire harness and hoses properly (page 1-25).

