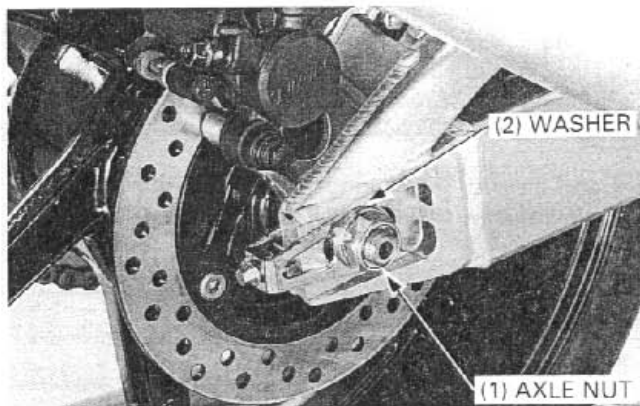


REAR WHEEL

REMOVAL

Support the motorcycle securely using a hoist or equivalent.

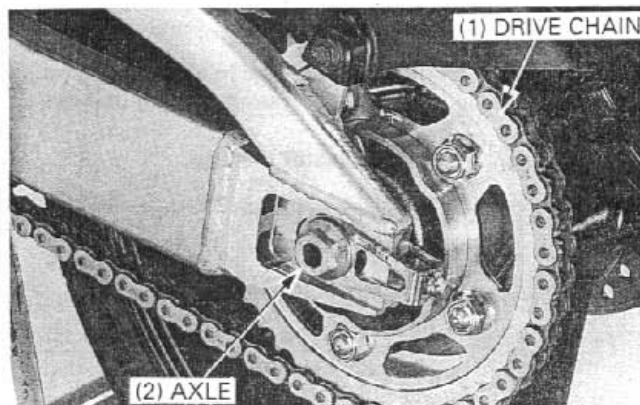
Remove the axle nut and washer.



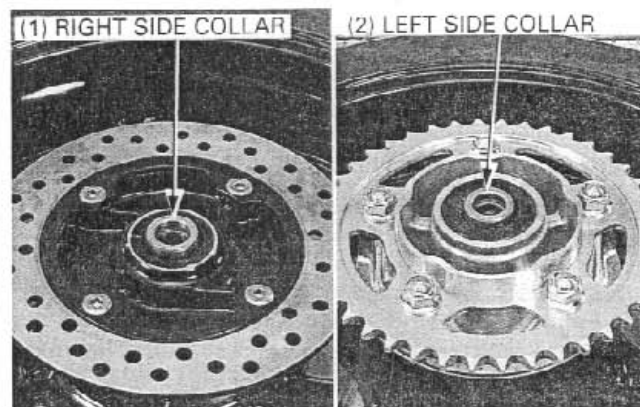
Push the rear wheel forward.

Derail the drive chain from the driven sprocket.

Remove the axle from the left side and remove the rear wheel.



Remove the side collars.

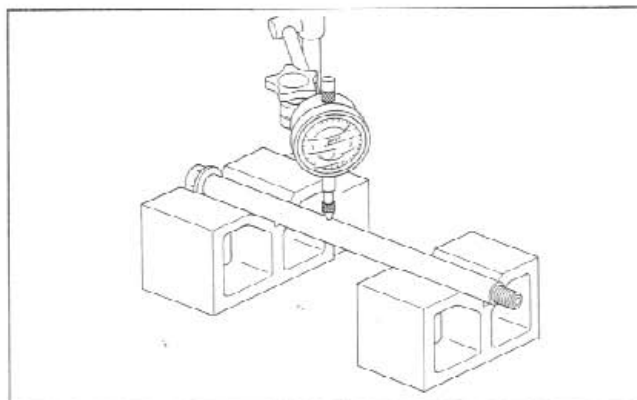


INSPECTION

Axle

Place the axle in V-blocks and measure the runout.
Actual runout is 1/2 the total indicator reading.

SERVICE LIMIT: 0.20 mm (0.008 in)



REAR WHEEL/SUSPENSION

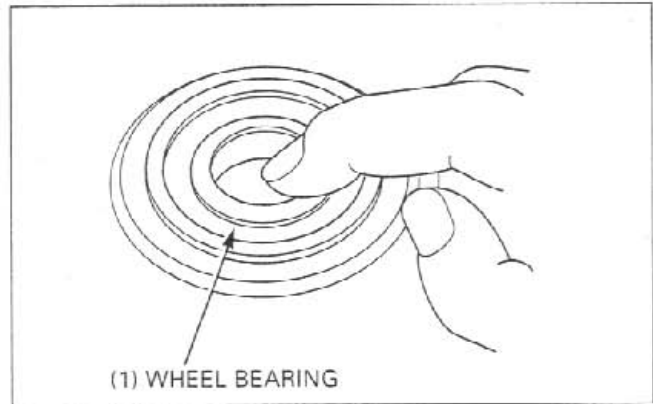
Wheel bearing

Turn the inner race of each bearing with your finger. Bearings should turn smoothly and quietly. Also check that the bearing outer race fits tightly in the hub.

Remove and discard the bearings if the races do not turn smoothly and quietly, or if they fit loosely in the hub.

NOTE

- Replace the wheel bearings in pairs.

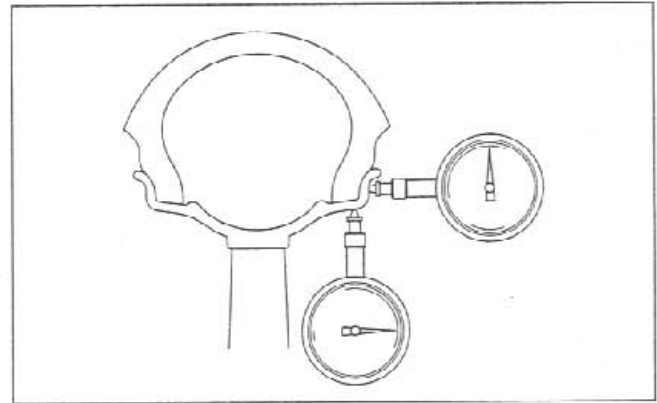


Wheel rim runout

Check the rim runout by placing the wheel in a turning stand. Spin the wheel slowly and read the runout using a dial indicator.

Actual runout is 1/2 the total indicator reading.

SERVICE LIMITS: Radial: 2.0 mm (0.08 in)
Axial: 2.0 mm (0.08 in)

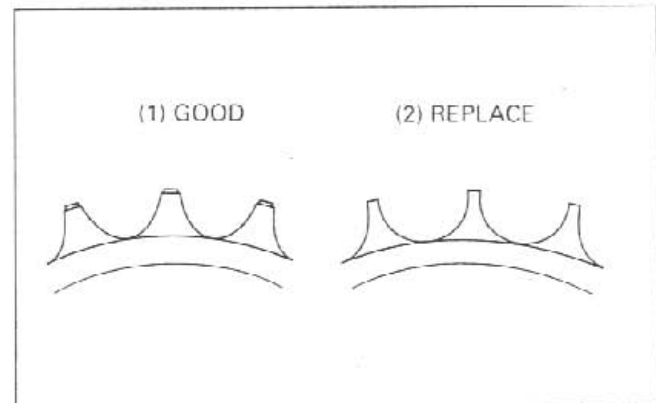


Driven sprocket

Check the condition of the final driven sprocket teeth. Replace the sprocket if worn or damaged.

NOTE

- If the final driven sprocket requires replacement, inspect the drive chain and drive sprocket.
- Never install a new drive chain on a worn sprocket or a worn chain on new sprockets. Both chain and sprocket must be in good condition or the replacement chain or sprocket will wear rapidly.

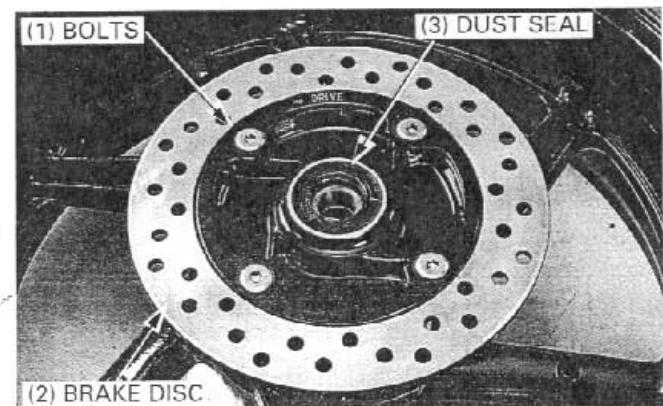


Wheel balance

See page 13-10 for wheel balance.

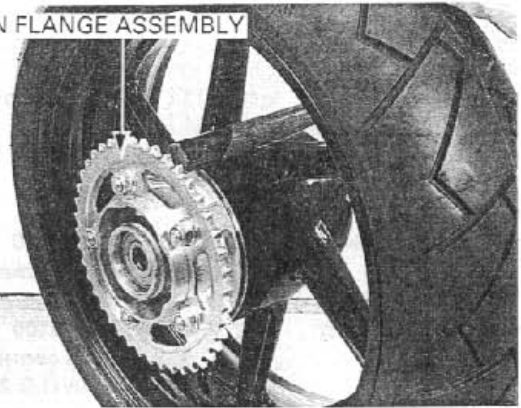
DISASSEMBLY

Remove the bolts and brake disc.
Remove the right dust seal.



Remove the driven flange assembly from the left wheel hub.

(1) DRIVEN FLANGE ASSEMBLY

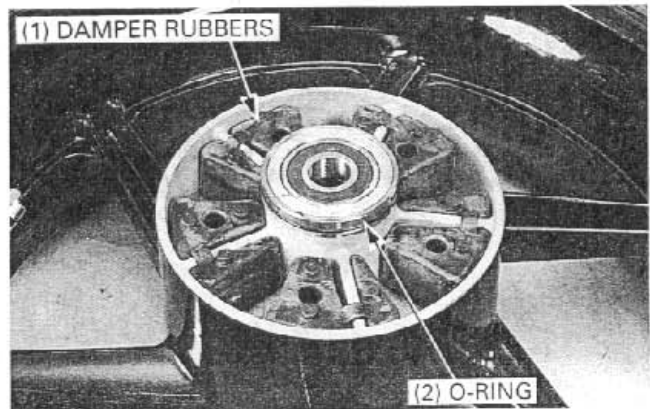


NOTE

- If you will be disassemble the driven flange, loosen the driven sprocket nuts before removing the driven flange from the wheel hub.

Remove the wheel damper rubbers.
Remove the O-ring.

(1) DAMPER RUBBERS



Driven flange bearing removal

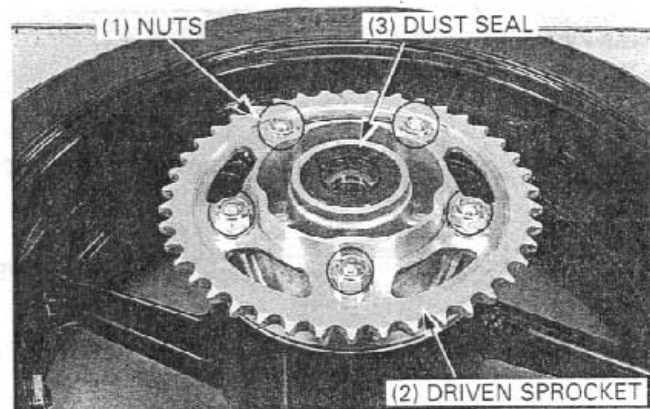
Loosen the driven sprocket nuts.

Remove the driven flange from the wheel hub, then remove the driven sprocket nuts and sprocket.

Remove the dust seal.

(1) NUTS

(3) DUST SEAL

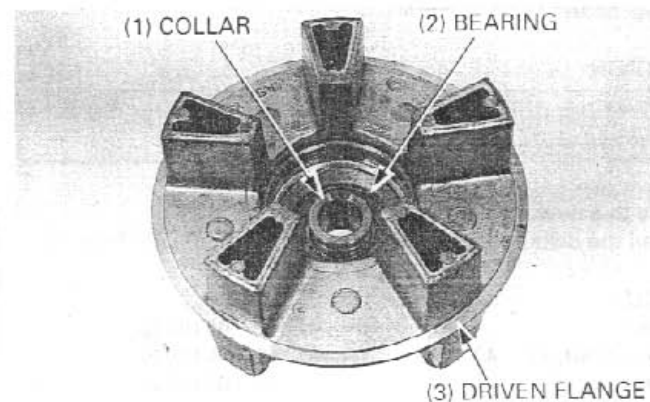


Remove the driven flange collar.

Drive out the driven flange bearing.

(1) COLLAR

(2) BEARING



REAR WHEEL/SUSPENSION

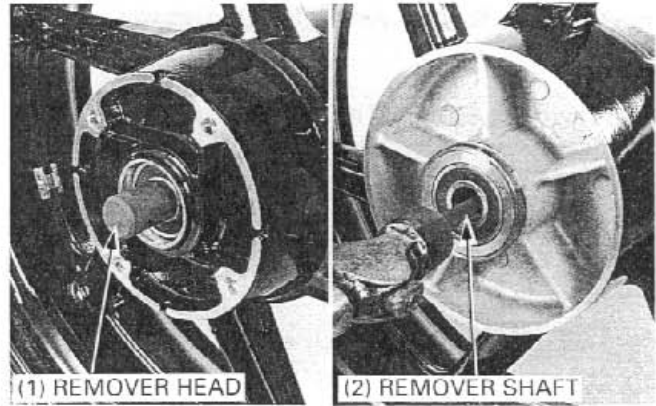
Wheel bearing removal

Install the bearing remover head into the bearing.
From the opposite side, install the bearing remover shaft and drive the bearing out of the wheel hub.
Remove the distance collar and drive out the other bearing.

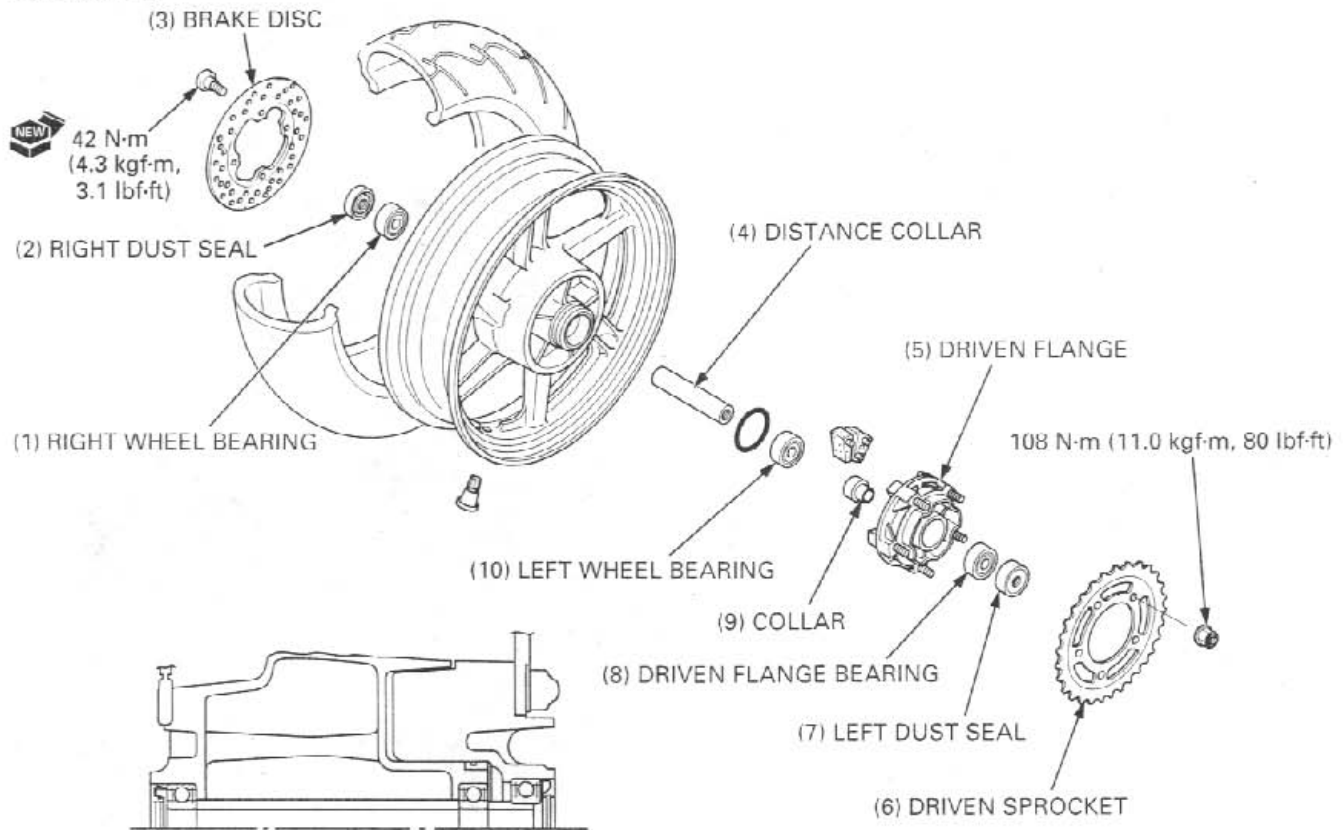
TOOLS:

Bearing remover head, 20 mm 07746 - 0050600
(Equivalent commercially available in U.S.A.)

Bearing remover shaft 07746 - 0050100
(Equivalent commercially available in U.S.A.)



ASSEMBLY



Wheel bearing installation

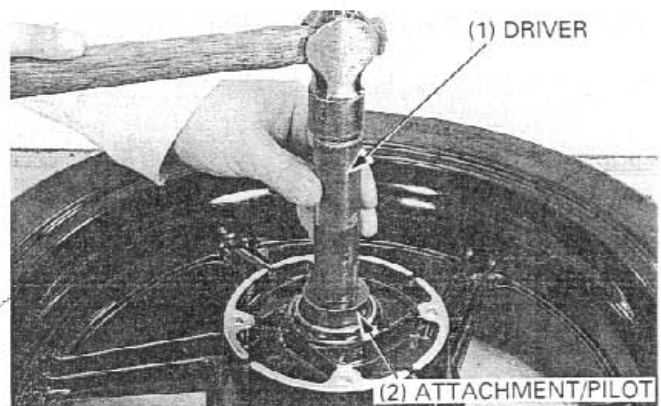
CAUTION

- Never install the old bearings, once the bearings has been removed, the bearing must be replaced with new ones.

Drive in a new right bearing squarely.
Install the distance collar, then drive in the left side bearing.

TOOLS:

Driver 07749 - 0010000
Attachment, 42 x 47 mm 07746 - 0010300
Pilot, 20 mm 07746 - 0040500

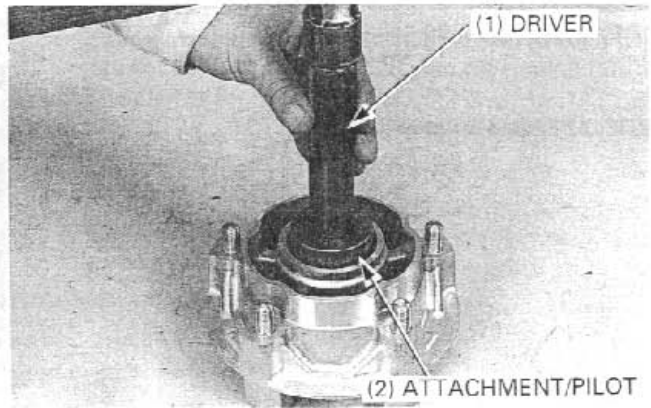


Driven flange bearing installation

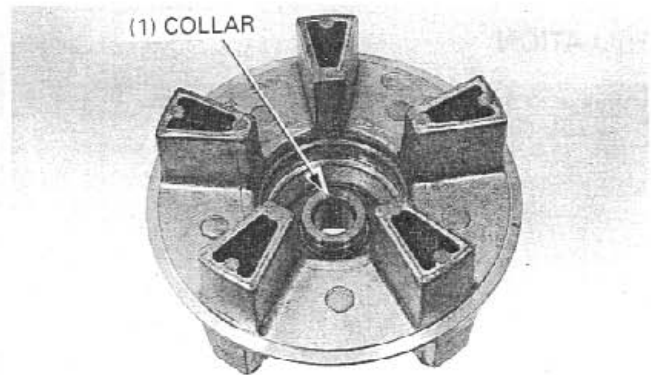
Drive the new driven flange bearing into the driven flange using the special tools.

TOOLS:

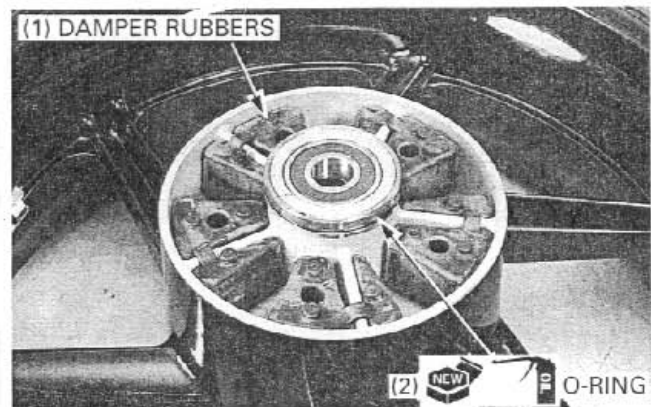
Driver	07749 - 0010000
Attachment, 52 x 55 mm	07746 - 0010400
Pilot, 20 mm	07746 - 0040500



Install the driven flange collar.



Install the wheel damper rubbers into the wheel hub.
Apply oil to the new O-ring and install it into the groove of the wheel hub.



Install the driven flange assembly into the left wheel hub.
If the driven sprocket was removed, install the driven sprocket and tighten the nuts.

TORQUE: 108 N·m (11.0 kgf·m, 80 lbf·ft)

Apply grease to the dust seal lips, then install it into the driven flange.

