

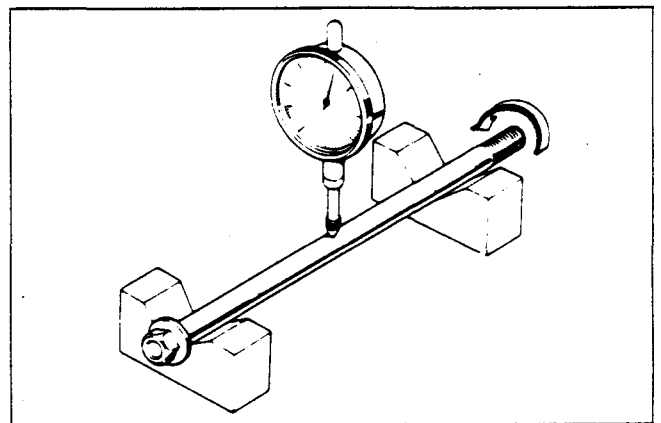
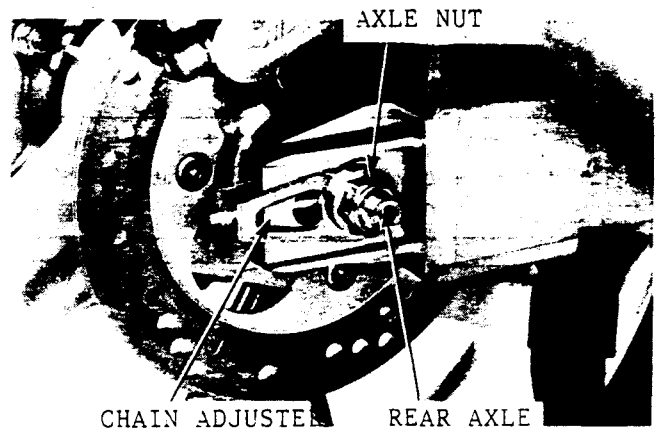
## REAR WHEEL

### Removal

Raise frame and rear wheel off the ground  
Remove rear axle nut  
Loosen drive chain adjuster, pull out rear axle, push rear wheel forward, and remove chain from driven sprocket  
Remove rear wheel

Place rear axle on Vee block and inspect using dial gauge  
The reading on the dial gauge indicates the degree of warpage

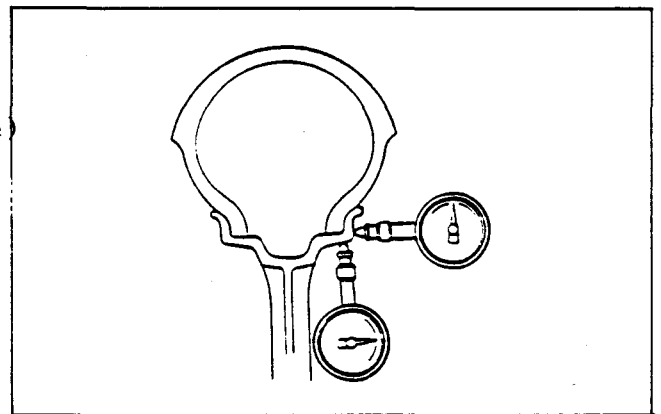
Service limit: 0.2 (replace if above)



Turn wheel slowly and inspect runout using dial gauge

Service limit: Radial: 2.0mm (replace if above)  
Axial : 2.0mm ( " " " )

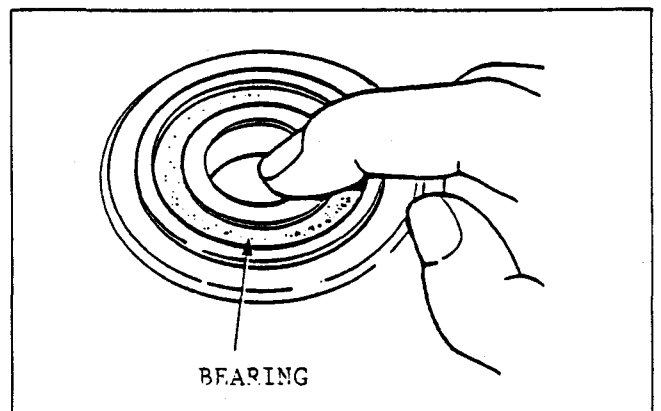
- \* Do not assemble cast wheel
- \* If exceeds service limit then replace



Turn bearing inner race, and replace if any abnormalities

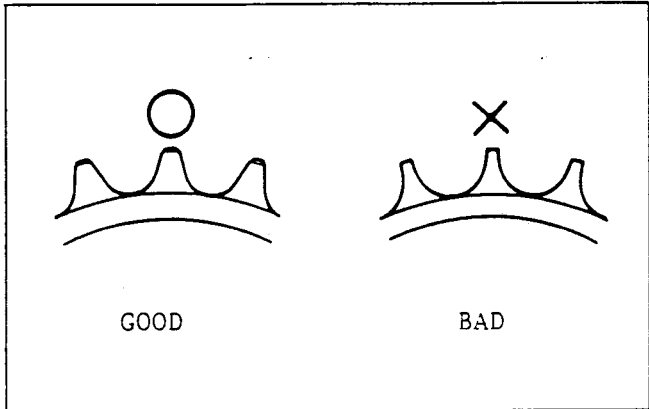
Inspect that the outer race is in hub properly - If abnormal replace

- \* Always replace bearings as a set of three (2 wheel bearings and 1 flange bearing)



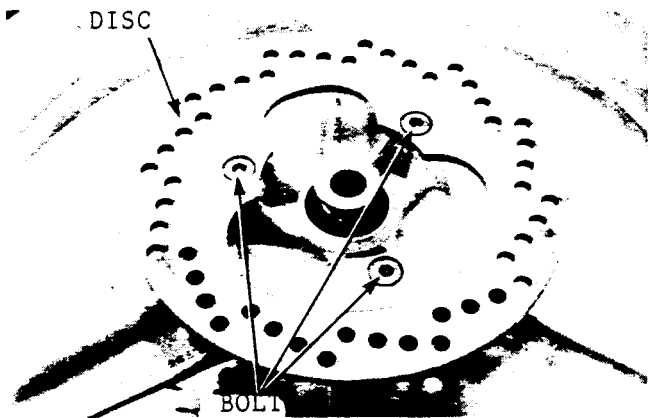
Inspect final driven sprocket for wear and damage

\* Do inspection of drive chain and drive sprocket at the same time. If replacing, always replace as a set.



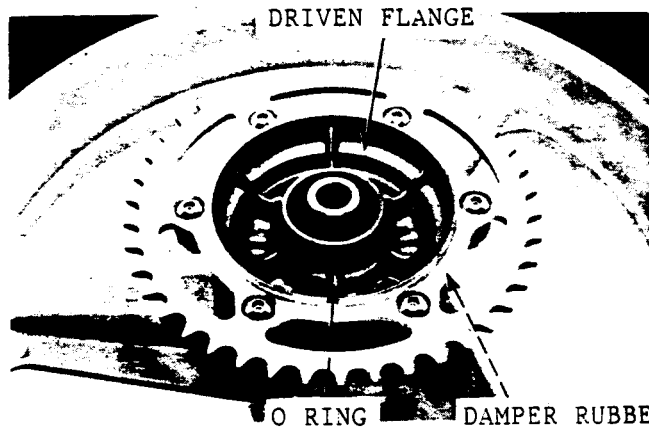
Separation

Remove rear brake disc three bolts and remove brake disc



Remove driven flange and damper rubber

Remove O ring



Use bearing remover to remove left and right side collars

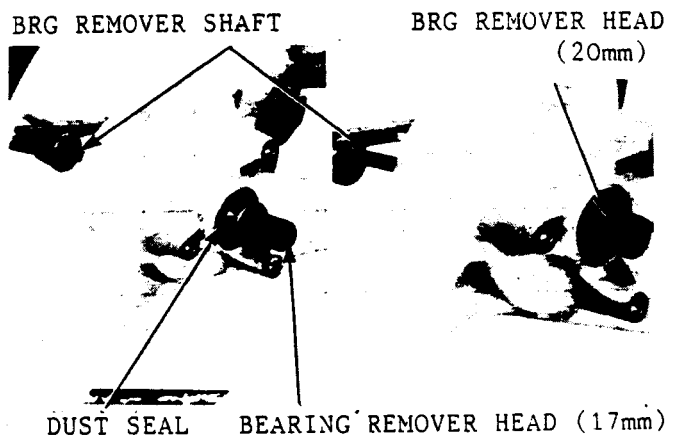
Bearing remover shaft 07746-0050100

Bearing remover head (17mm) 07746-0050500

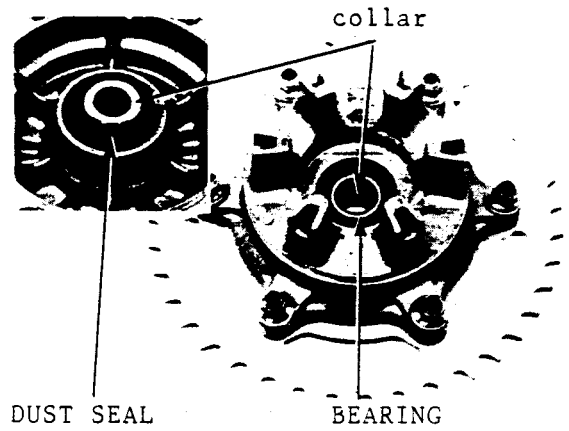
Remove dust seal, wheel bearings & distance collar

Bearing remover shaft 07746-0050100

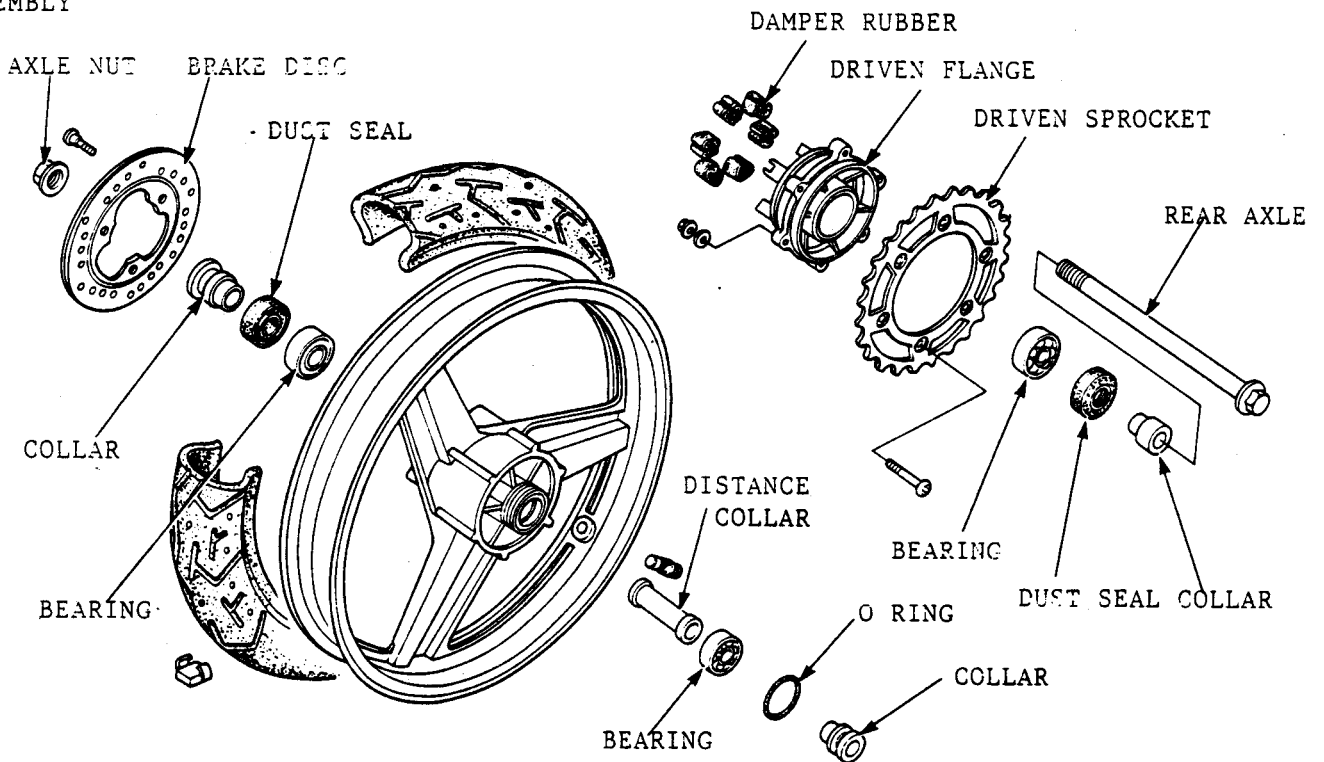
Bearing remover head (20mm) 07746-0050600



Remove bearings, collar, dust seals from driven flange



ASSEMBLY



Inset new bearings into driven flange

\* Insert bearings so that there is more sticking out in driven flange

Standard tools

Driver handle A

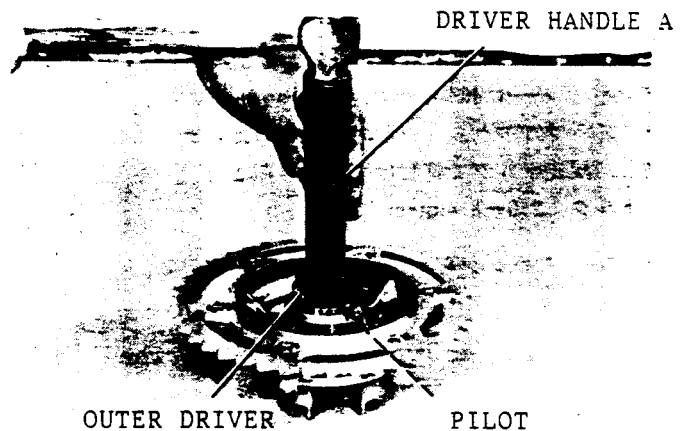
Outer driver (42x47mm)

Pilot (20mm)

07740-0010000

07746-0010300

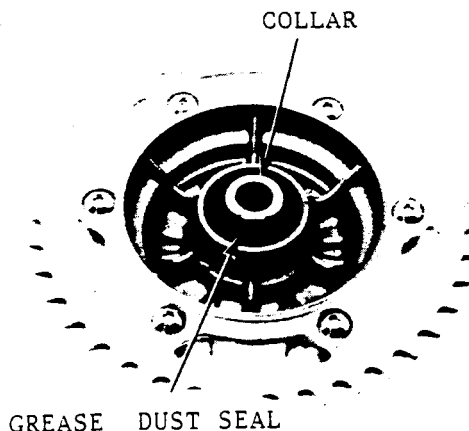
07746-0040500



Apply grease to dust seal lip and install into driven flange

install collar into bearing

\* When installing collar, ensure bearing inner race will not cause damage to bearings



Insert R. bearing first  
insert distance collar into wheel hub  
and insert L. bearing

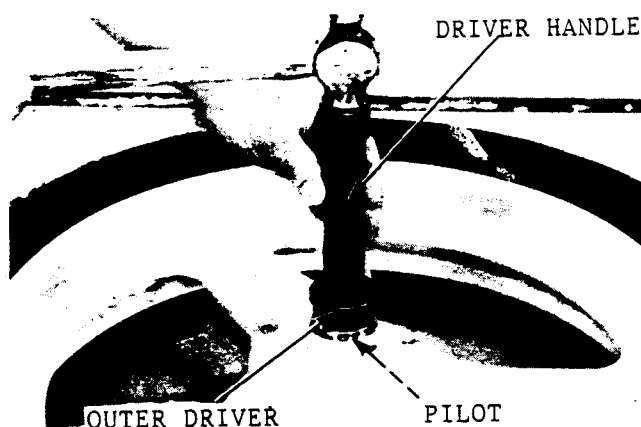
\* Insert bearing so that it seals correctly, end cannot move

Standard tools:

Driver handle A 07749-0010000

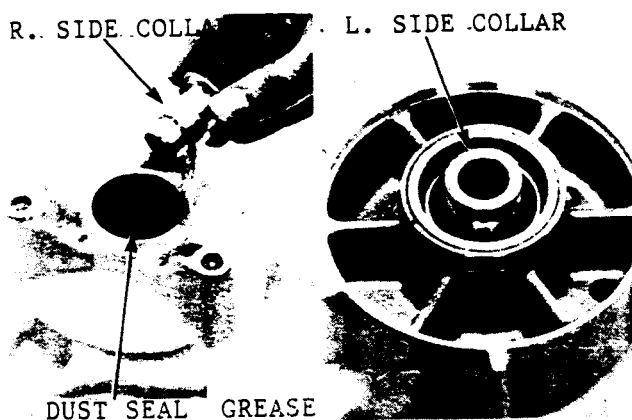
Outer driver (42x47mm) 07746-0010300

Pilot (20mm) 07746-0040500



Apply grease to dust seal lip and install into right side of wheel hub  
Install right side collar into bearing  
install left side collar into bearing

\* When installing side collars take care not to chip opposite side of bearing inner race or to damage bearing



Apply grease to new O ring and install in wheel hub  
Inspect damper rubbers for wear or warpage  
If the driven sprocket has been removed apply oil to nut and tighten to standard torque

Torque: 2.8-3.4 kg-m

install driven flange into wheel hub

