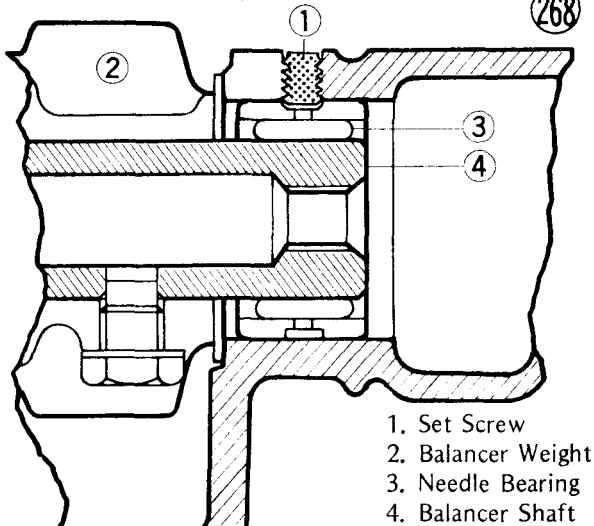


## 76 DISASSEMBLY

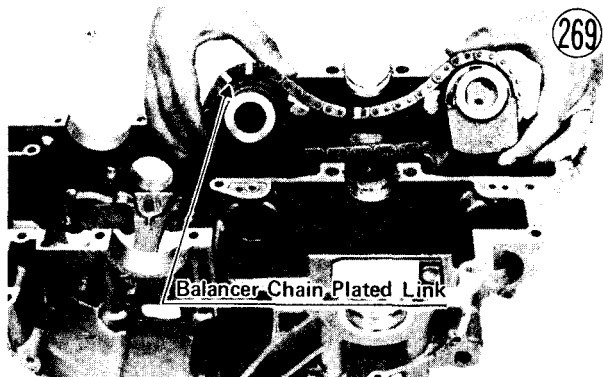
crankcase mating surface, check and align the outer race groove with the Alien set screw hole, otherwise the protruding set screw will prevent the crankcase halves from contacting perfectly.

### Balancer Needle Bearing Set Screw



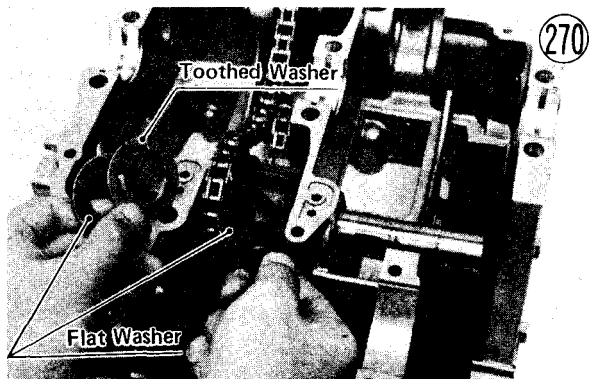
•Install the balancer chain. The balancer chain plated links must face the engine clutch side.

**NOTE:** The balancer chain tensioner assembly must be installed before installing the lower crankcase half on the upper crankcase half.



•At each balancer weight, install the washers (3) on the balancer weight sides. The washer with four teeth goes next to the sprocket, with its teeth facing in.

**NOTE:** Both front and rear balancer weights and sprockets are identical.



•Apply oil to each shaft, and insert them keeping the chain on the sprockets. Match the shaft hole with the hole in the balancer weight. The rear balancer weight shaft has the engine oil pump driver gear on its left end. Be sure that all washers are in place and that the sprockets are on the left side of the weights.

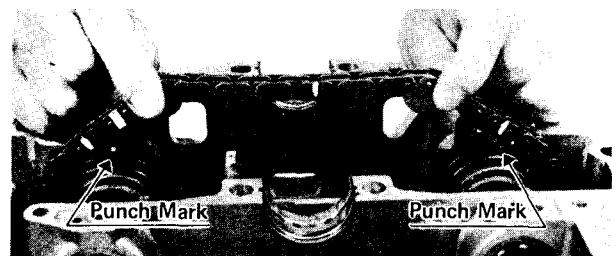
•At each balancer weight, using a new lock washer, tighten the balancer weight bolt securely.

•Bend one side of the lock washer over the side of the bolt, and the other side of the lock washer over the side of the balancer.



•Fit the chain on the sprockets properly. For the front sprocket, the chrome plated link must fit on the sprocket tooth with the punch mark. For the rear sprocket, the link between two chrome plated links must fit on the sprocket tooth with the punch mark.

**NOTE:** There are four plated links, and, with the chain in the position mentioned above, the 2nd plated link counted from the front will be located on the crankshaft side.



•Fit the crankcase as explained in transmission installation (Pg. 64).

### Balancer Weight Disassembly (each balancer unit):

•Remove the circlip 5, and take off the washer 6.  
•Tapping lightly with a mallet, separate the sprocket 7 and balancer weight 10. The springs 9 and pins 8 (4 ea) may be removed.