

INNER PRIMARY CHAIN HOUSING/1200 AND 1340 CC MOTORCYCLES

The chain housing ball bearing, Part No. 9061, located within the inner primary chain housing has exhibited shortened life in some 1200 and 1340cc motorcycles. The bearing wears at an accelerated rate and must be replaced at frequent intervals. This can be caused by a slight misalignment of the transmission shaft within the housing. This causes excessive sideloading and the walls of the housing can flex with the shaft and accelerate bearing wear.

An improved, strengthened inner primary chain housing has been put into production that should minimize this occurrence along with improved transmission shaft alignment techniques at York. The inner wall of the housing has been strengthened with ribs which increase the stiffness of the wall and greatly reduce flexing of the housing. (See Figure 1.) These improved housings were put into production above V.I.N. number 25186 J0 on all 1200 and 1340cc models, and all Parts and Accessories stock contains the improved design. (See Paragraph 13 for affected part numbers and models.)

Whenever you encounter a motorcycle with recurring chain housing bearing failure, check for proper alignment of the transmission shaft and inspect the inner primary chain housing for evidence of this condition. Look for cracks around the bearing and inner walls of the housing. If such cracks are evident, replace the entire inner housing.

WARNING: DISCONNECT THE BATTERY CABLES (NEGATIVE CABLE FIRST) TO AVOID ACCIDENTAL START-UP OF THE VEHICLE AND POSSIBLE PERSONAL INJURY.

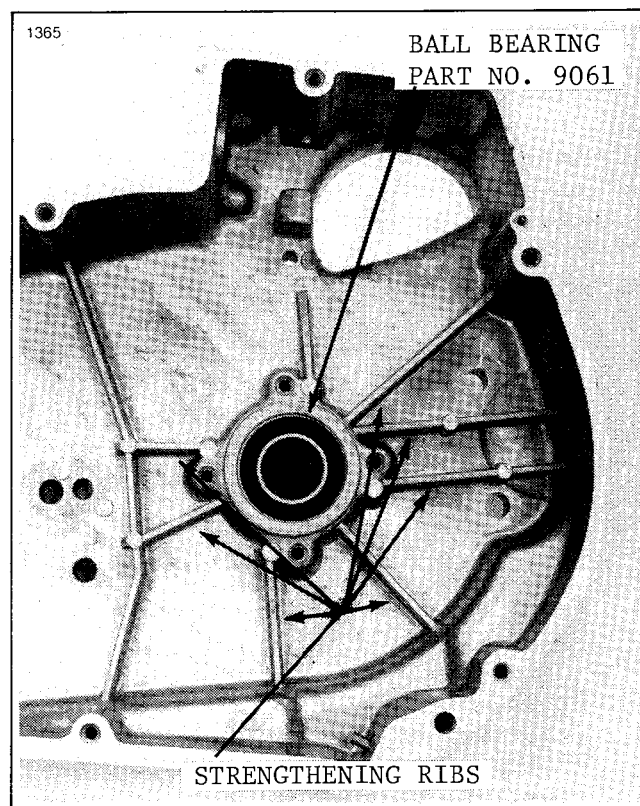


FIGURE 1. INNER PRIMARY CHAIN HOUSING

REPAIR PROCEDURE

1. Remove the left side footpeg or footboard to expose the chain housing cover.
2. Remove the chain cover, chain tensioner, chain, clutch, clutch sprocket, alternator and compensating sprocket according to appropriate instructions found in the 1978½ FL/FX Service Manual, Part No. 99482-78E.

