MOTORCYCLE SERVICE NEWS

NUMBER 305

PAGE 1 of 2

YAMAHA INTERNATIONAL CORPORATION
BUENA PARK, CALIFORNIA 90620

DATE 12/4/72

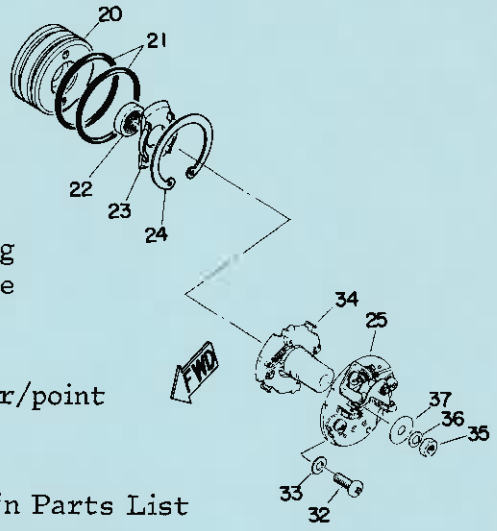
TX750 DEFECTIVE PUMP SHAFT COVER OIL SEAL, R and R Procedure

Oil leakage past the Rotor Cover Seal (22) will cause engine misfire and hard starting. An improved oil seal, P/N 931-02111-18-00 is standard on F/Nos. 006041 ~ .

REPAIR PROCEDURE

1. Remove shift lever and left crankcase cover.
2. Remove breaker plate holding screws (32) and breaker plate assembly (25).
3. Remove nut (35) and governor/point cam assembly (34).

   NOTE: Although not shown in Parts List or Service Manual, Governor Assembly (34) is two-piece. If disassembled, install cam with index mark aligned with locating pin on advance assembly collar.
4. Remove governor locating pin (not shown).
5. Remove circlip (24) and side plate (23).
6. Thread two 6mm screws into rotor cover (20) and use them to pull the cover out.
7. Replace oil seal (22). Note: Use only new type. The brown teflon sealing edge must go inward.
8. Replace cover "O" rings (21).



20 Rotor cover
21 O-ring
22 Oil seal
23 Rotor side plate
24 Circlip
25 Breaker plate assy.
32 Breaker plate screw
33 Plain washer
34 Governor assy.
35 Nut
36 Spring washer
37 Special washer

Figure #1

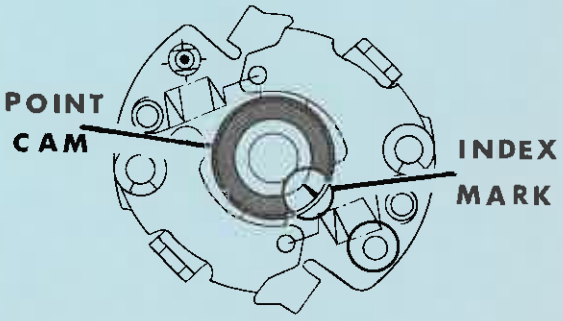


Figure #2

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PAGE 2 of 2

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TX750 DEFECTIVE PUMP SHAFT COVER OIL SEAL, R and R Procedure (cont.)

9. Place special tool (Photo #1) over pump shaft. Apply grease to seal lip and "O" rings. Slip cover (20) into place. Install circlip (24). Remove 6mm rotor cover disassembly screws and tool.

   Special tool, P/N 908-90011-05-00, (See Figure #3) guides seal over shaft shoulder preventing seal lip from rolling under.



Photo #1

10. Install governor and breaker plate assemblies. Clean.

11. Reset point gap (.014") and ignition timing. Replace cover and shift lever.



P/N 908-90011-05-00

Figure #3

# # # #