Technical Service Bulletin

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TSB1806: CFD (Cobra Frictional Drive) Upgrade

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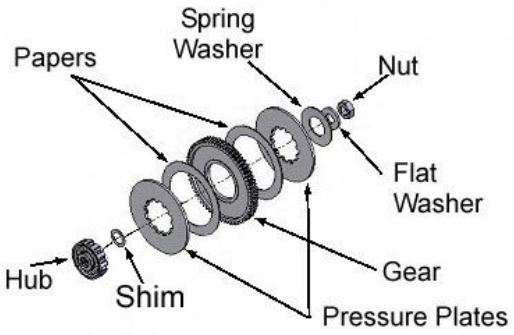
An upgrade kit is available (EKMU0003) for the Cobra CFD (Cobra Frictional Drive) that addresses the instance where the pressure plates come in contact with the gear, causing galling & frictional load reduction.

The upgrade includes;

- 2 wider friction papers
- 1 shim

1) Prepare the motorcycle for the upgrade by removing;
   a) The clutch cover,
   b) 3 shoe clutch,
   c) CFD assembly.
2) Inspect
   a) Pressure plates for
      i) Warping (will be addressed in Installation)
      ii) Material burrs from galling - Material burrs & galling should be addressed with flat filing or table sanding.
   b) Inspect the flat washer for deformation – if present flatten or replace
   c) Inspect hub for grooves on the outer diameter – if present replace
3) Installation
   a) Soak the new wider friction papers in Clutch Milk for at least 5 minutes
   b) Install the hub onto the transmission shaft
   c) Install the newly supplied shim.
   d) Reinstall all other components and torque the blue nut to 55 ft'lb (75 Nm)

Caution
The Blue nut has left hand threads!!

NOTE:
If the plates are warped, assemble them so that they make contact with the papers at the outer diameter first.