



## Cobra Motorcycle Mfg.

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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.

