Technical Service Bulletin

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TSB0907: Proper Measurement of CFD Slip Torque

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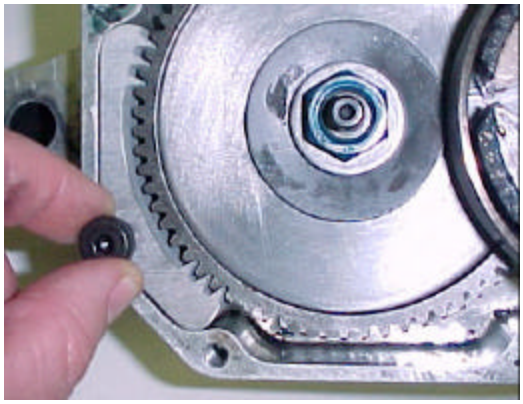
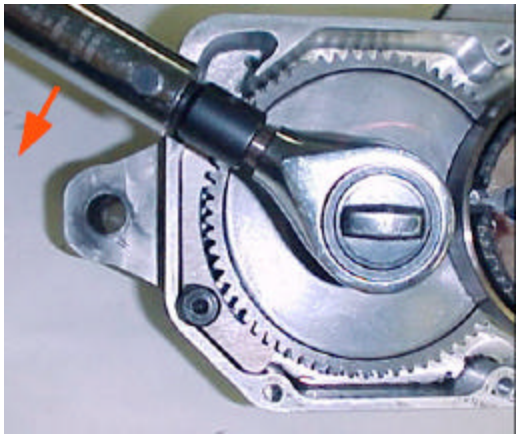
To properly measure the torque at which the CFD (Cobra Frictional Drive) slips, one first access the slip clutch by draining the oil and removing the cover exposing the CFD. Next, brace the CFD gear from turning with a suitable device (Cobra tool EAMU0004 or similar).



Using a beam style torque wrench, turn the torque wrench counter clockwise and observe the torque measurement when the shaft slips relative to the gear. Using a preset value torque wrench, adjust the setting **55 ft-lb (75 Nm)** and observe whether the wrench clicks first or the shaft slips. If the shaft slips first, the slip torque is below 50 ft-lb and the CFD needs servicing. If the wrench clicks first, the CFD is of acceptable value.