

# SERVICE BULLETIN

## CAB SERVICE & PARTS CORPORATION

#7

SUBSIDIARY OF  
CHECKER MOTORS  
CORPORATION

NEW YORK \* BROOKLINE  
CHICAGO \* DETROIT

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Subject: ELECTRICAL - MODEL A-9

Description: STARTER MOTOR BENDIX DRIVE

The Folo-Thru type drive requires periodic inspection (at 10,000 to 15,000-mile intervals) for proper lubrication and cleaning of excessive amounts of oil, grease or dirt which may accumulate on the screwshaft threads or armature shaft.

Cleaning and relubrication of the drive is suggested as follows:

1. Remove starter motor from engine.
2. Remove drive end housing.
3. With drive in demeshed position, clean armature shaft ahead of the pinion.
4. Rotate pinion and barrel assembly to fully extended position and clean exposed screwshaft threads.

NOTE: Clean with kerosene and lubricate with SAE 10W oil. Do not dip or wash entire drive in any cleaning solution or gasoline, as it will remove original lubricant under screwshaft.

5. Replace drive end housing onto starter.
6. Install starter to engine with drive in extended position and carefully mesh drive pinion with flywheel ring gear before tightening mounting bolts.

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When engine is started, the drive pinion will automatically demesh from the ring gear.

Any restrictions to the free movement of the drive will ultimately result in damaging the ring gear.

Failures of the drive assembly are primarily caused by:

1. Improper lubrication or dirt on screwshaft.
2. Spinning mesh caused by improper starter operation by the operator.
3. Engaging starter while engine is running.
4. Excessive demesh caused by improper starter motor alignment or worn ring gear teeth.

By: NEW YORK SERVICE DEPARTMENT