

SERVICE BULLETIN

CAB SERVICE & PARTS CORPORATION

Special #5

SUBSIDIARY OF
CHECKER MOTORS
CORPORATION

NEW YORK * BROOKLINE
CHICAGO * DETROIT

January 1, 1959

Subject: REAR AXLE ASSEMBLY - MODEL A-9

Description: POWR-LOK AXLE

The Powr-Lok axle is a power divider, and does not operate as a full locking unit.

When a free-running wheel is placed on a jack and no resistance is applied to this wheel either by attempting to stop the wheel by hand or otherwise, there is nothing to transfer, but if this wheel were in sand, dirt, mud, gravel or snow, there would be resistance, and power transfer would be automatic from the other wheel. It is very important to note and inform all maintenance personnel that when a Powr-Lok axle wheel mounted on a jack or stand is held by hand for any reason, the car will drive off the jack. It is definitely NOT recommended to forcefully hold the wheel.

A simple method for testing the Powr-Lok assembly is to place one wheel on dry pavement and the other wheel on loose sand or gravel. Apply full power by acceleration. The wheel on the sand or gravel may or may not spin. However, power is transferred to the other wheel to the extent of causing a tire squeal on the pavement, which, of course, will indicate that the unit is functioning properly.

CAUTION MUST BE EXERCISED WHENEVER TESTING THE POWR-LOK ASSEMBLY.

By: NEW YORK SERVICE DEPARTMENT

IMPORTANT