

Revised 5-19-66  
October 18, 1965  
Addendum 11-24-65

ENGINEERING MEMO #125

TO: Memo Distribution  
FROM: R. G. Fuller  
SUBJECT: CHANGE BRAKE DIAMETER FROM 11" TO 11-1/32"

A new drum, "cross ribbed" or "Finned," is being prepared for delivery and use at the beginning of 1966. Recently, the new drum was changed to provide an increased diameter and allowing for an increase in lining thickness which basically increases lining service life about eight per cent.

The brakes must be changed to develop the desired results. The old brakes may be used with new drums but new brakes must not be used with old drums unless the braking surface is reworked to the larger diameter. Additionally, the new brakes, of the VA type, will be fitted with Thermoid TDM211 lining because of test results indicating substantially longer life expectancy.

OLD	NEW	NAME	REQ'D
97706	701592	Hub & Drum Assembly-Frt.	2
97704	701593	Hub & Drum Assembly-Rear	2
95147	701611	Brake Assembly-Front LH "C"	1
95148	701612	Brake Assembly-Front RH "C"	1
95145	701613	Brake Assembly-Rear LH "C"	1
95146	701614	Brake Assembly-Rear RH "C"	1
95767	701615	Brake Assembly-Front LH VA	1
95768	701616	Brake Assembly-Front RH VA	1
95769	701617	Brake Assembly-Rear LH VA	1
95770	701618	Brake Assembly-Rear RH VA	1

**Service please note:**

The new drums, as well as the old, may not be rebored beyond 11.060 inch. This limitation is a function of the brake assemblies and not of the drum structure.

"C" Type Brakes incorporated on Chassis 40435 \*

"VA" Type Brakes incorporated on Chassis 40477 \* except Checker Fleets which were started at Chassis 42169.

\* Incorporated on earlier cars when specified on prod.orders.

Chassis No's. Added 3-8-66

Ref. to Chassis 42169 Added 5-18-66