

ackard **SERVICE TECHNICAL** **Bulletin**

51T-27, Dealer 23
July 2, 1951

To: ZONES AND DEALERS

Subject: BRAKE (REAR) CHANGEOVER KIT FOR 2213 AND 2313

The Brake (Rear) Changeover Kit part number 436245, now available, contains the material required to install the 14" 2413 rear brakes on the 2213 and 2313 models.

The parts contained in this kit will fit on the standard rear axle case of the 22nd and 23rd series commercial chassis.

Kit 436245 consists of the following detail parts:

		<u>Req'd</u>
433255	Brake Assembly - left rear	1
433256	Brake Assembly - right rear	1
426891	Rear Axle Shaft	2
436223	Rear Axle Shaft Bearing	2
426878	Oil Seal (Outer)	2
435197	Wheel Hub and Drum Assembly	2
426877	Oil Seal (Inner)	2

If not carried in stock, order along with the kit, two (2) Oil Seal Retainer Gaskets part number 354410 and two (2) Oil Guard Gaskets part number 354415.

INSTALLATION INSTRUCTIONS

Remove both rear backing plate and brake assemblies, the rear axle shafts and bearing assemblies from the axle case. Do not remove the differential carrier assembly.

Remove the inner oil seals and install the new inner seals, axle shafts and bearing assemblies.

Install the rear brake assemblies, check the end play of the axle shafts and adjust to within the overall limits of .004 to .007. It is important to adjust the axle shaft end play to within the limits specified and preferably toward the low limit. Complete the assembling, installing the new outer seals, gaskets, retainers and brake drum assemblies.

If necessary to bend the brake tubing to complete its attachment to the rear wheel cylinders make only the slight bends required or necessary to complete the attachment.

No special brake adjustments are required for the 14" brakes. Adjust the

rear shoes in the standard way and release the adjustment 13 clicks. Check clearances between the lining and brake drum, clearances must be .012 or more, no minus. Brake adjustment may be released more than 18 clicks, if necessary, to obtain sufficient clearance between linings and brake drums. As a final check, clearance at toe and heel of the secondary shoe should be checked for an allowable minimum clearance of .012 between lining and drum. Check brake pedal for standard free play and adjust if necessary.

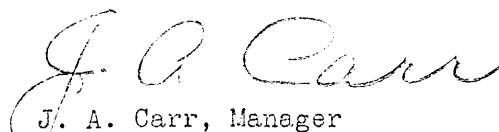
It is recommended that new shoe and lining assemblies for the front brakes be installed at the time of the installation of the rear brake changeover kit. Front shoe and lining assemblies may be ordered under part number 410743. The front brakes should be adjusted standard.

The suggested time allowance for the complete installation of the kit, part number 436245 is 3.7 hours. This includes installation of all the parts contained in the kit, bleed brakes and adjust all four (4) wheels.

If new lined shoe assemblies are installed for the front brakes, it is suggested to add 1.0 hours time.

The suggested list price of the Brake (Rear) Changeover Kit, part number 436245 is \$149. Trade net \$111.75.

Very truly yours,


J. A. Carr, Manager
Parts and Service Department