



Packard SERVICE TECHNICAL Bulletin

49T-32 Dealer 25
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To: ZONES AND DEALERS

Subject: HEARSE AND AMBULANCE BRAKES - MODELS 2213-2313

The 23rd Series Hearse and Ambulance models now being shipped are equipped with newly developed brake linings which are bonded to the brake shoes instead of being riveted.

These vehicles also are equipped with 1 1/8-inch wheel cylinders at both front and rear wheels and these cylinders now incorporate new type rubber cups which are highly resistant to heat.

The new brake shoe and lining assemblies and the 1 1/8-inch front wheel cylinders also may be installed on the 22nd and 23rd Series Hearse and Ambulance and it is suggested that they be used when brakes require relining and when wheel cylinder assemblies or cups require replacement. Heavy duty brake fluid always should be used when fluid is required.

On 22nd Series vehicles which are equipped with 1 1/4-inch front wheel cylinders, it is necessary to first file out and enlarge the opening in the support plate to install the 1 1/8-inch cylinders. The opening should be enlarged as shown on the reverse side of this bulletin.

Whenever brakes require adjustment, the front brakes should be adjusted following the standard adjustment procedures. The rear brake adjustment however, is a special adjustment and must be followed to offset normal axle shaft deflection and provide proper clearance between the linings and drums. The rear brakes must be adjusted as follows:

1. Turn the star wheel adjustment until the wheel is just locked and then loosen the adjustment six clicks.
2. Loosen the anchor pin lock nut and free the wheel by turning the anchor pin either forward or backward. When the wheel reaches its freest point, temporarily tighten the lock nut.
3. Again tighten the brake by means of the star wheel adjustment until the wheel is just locked and then loosen the adjustment 16 clicks. This adjustment will provide proper lining clearance.
4. Loosen the anchor pin lock nut and turn the anchor pin in the direction of forward wheel rotation until a drag is felt when turning the wheel.

5. Turn the anchor pin in the opposite direction until the wheel just becomes free and then tighten the lock nut.

Brake drum dampener springs are available in the event a brake squeal develops and to assist in heat dissipation.

Since the new linings are bonded to the shoes by a special process, they will not be available in lining sets and only shoe and lining assembly sets will be furnished.

These parts are not available in sufficient quantity for stock and should only be ordered on emergency orders. However, in those Zone areas where there are a large number of Henney vehicles, one or two sets should always be on hand for emergency cases.

The parts mentioned may be ordered under the following part numbers.

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>REQ'D PER CAR</u>
410743	Brake Shoe and Lining Set	2
419926	Brake Wheel Cylinder Assembly - Front Left	1
419927	Brake Wheel Cylinder Assembly - Front Right	1
419928	Brake Wheel Cylinder Assembly - Rear Left	1
419929	Brake Wheel Cylinder Assembly - Rear Right	1
419952	Brake Wheel Cylinder Cup	8
234839	Brake Drum Dampener Spring	4
410477	Heavy Duty Brake Fluid - Quart	x
410478	Heavy Duty Brake Fluid - Gallon	x

Very truly yours,

J. A. Carr

J. A. Carr, Manager
Parts and Service Department

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PORTION AS SHOWN

