

PACKARD MOTOR CAR COMPANY

DETROIT MICHIGAN

August 9, 1928.

To: Packard Distributers and Dealers.

Subject: Front Spring Trunnion Bracket.

TO BE NOTED AND INITIALED BY	

Gentlemen:

A bracket of an entirely new design is being used at the rear end of the left front spring on all 626-640 and 645 cars.

The bracket consists of a stationery member which is riveted to the frame, and a lower member which is hinged to the upper portion of the bracket, and backed by heavy coiled springs which permit the lower portion of the bracket to rock slightly. The moving part of the bracket is secured to the rear end of the left front spring in the usual way.

The purpose of this bracket is to control the steering disturbances caused by road shock, wheel tramp, shimmy, etc. The movement of the front wheel is transmitted through the spring into the trunnion bracket instead of acting upon the steering mechanism.

The trunnion bracket which is used on the current model cars can also be attached to the 526 and 443. It should be ordered as follows:

1—0166845 Front Spring Trunnion Bracket Equipment (526-443)

The installation should be made in the following manner:

1. Jack up front end of chassis. (Use Chain Falls).
2. Remove left front wheel and rear end of steering connecting rod.
3. Remove front spring rear hanger bolt. (Do not remove front spring.)
4. Remove mudguard bolts—one side (Frame Side.)
5. Cut Rivets holding spring bracket to frame.

NOTE: Use two or three sharp chisels and a large size hammer for cutting rivets. Drive out old rivets. It may be necessary after the rivets have been cut off to drill remaining rivets left in brackets. (Use $\frac{3}{8}$ drill.)

6. Cut mudguard to fit around trunnion bracket.
7. Attach new trunnion assembly to frame using $\frac{7}{16}$ bolts and nuts. (nuts and cotter pins should be outside of frame.)

NOTE: In performing this operation mount trunnion bracket on frame and line up rivet holes with bracket using two $\frac{3}{8}$ bolts; then re-drill frame using $\frac{7}{16}$ drill.

8. Install lubricator connection for spring trunnion using new gasket. (Be sure to use old lubricator restriction.)
9. Paint rear trunnion assembly, using air-dry enamel.
10. Rebuild entire job as it was removed.

This work may be performed in approximately four hours, and it will be covered by standard operation # F-28. The standard prices for the three zones will be \$18.75, \$19.25 and \$20.35 respectively.

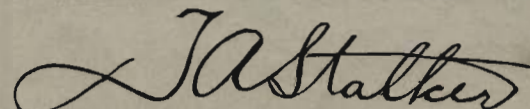
We are now preparing a trunnion bracket equipment which may be applied to all models prior to the 526 and the 443 which have the front springs shackled at the forward end. These brackets may be ordered as follows:

1—0166844 Front Spring Trunnion Bracket Equipment (426-243-343)

The only difference between the two equipments lies in the spacing of the rivet holes. The method of attachment is the same in each case.

Yours very truly,

PACKARD MOTOR CAR COMPANY



Mgr. Technical Department.

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