

# PACKARD MOTOR CAR COMPANY

DETROIT MICHIGAN

March 24, 1931

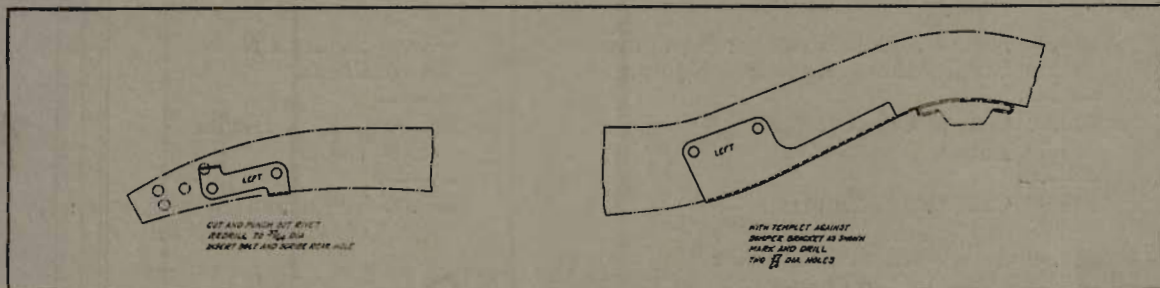
To: Packard Distributors and Dealers.

Subject: EIGHTH SERIES SHOCK ABSORBER EQUIPMENT

Gentlemen:

The performance of the shock absorbers on Eighth series cars has been so satisfactory that an equipment has been developed for applying these shock absorbers to the Sixth and Seventh series models. In order to make this installation you will require:

1—184411 Shock Absorber Equipment



## INSTALLATION

Jack up chassis and remove all wheels.

Remove the old shock absorber from front axle and disconnect shock absorber link from fender bracket. Plug the two front fender bracket holes with plugs furnished in equipment to eliminate oil leak from chassis oiling system. Remove and cut off the front cross tube lower rear rivet on right and left sides of frame.

Drive out rivet and re-drill hole, using a 37/64" drill.

Use the small templet and lay out rear holes for attaching front shock absorber. Line up hole in templet with rivet hole and scribe the other hole in templet with templet facing toward the rear end of the car. (See Illustration).

Attach shock absorber. Note: Grind off enough stock on shock absorber to clear the fender splasher and rivet heads. When attaching front shock absorber, be sure that small square plate is placed inside of frame on the rear shock absorber bolt.

Install axle bracket and links. Be sure to alemite connections.

Remove the upper rear shock absorber ball joint nut behind the gas tank using our universal wrench, ST-228.

Note: Use a long bar, about one inch round and 30 inches long and drive out upper ball joint using a heavy hammer. Place bar in between frame and gas tank. This ball joint can be removed very easily by two men, one holding the bar and the other using the hammer.

Remove rear shock absorber and attach oval shape cover to rear axle.

Use the large templet and lay out holes for attaching rear shock absorber. With templet against frame, and the bent end against the rubber bumper, scribe the two holes in templet and drill, using a 37/64" drill. (See Illustration).

Attach rear shock absorbers. Note: When drilling or attaching shock absorber, care must be taken not to drill or pinch electric cables or oil tubes.

Remove the rear axle spring block and install new block.



Attach rear shock absorber connecting links and fill with alemite grease.

Note: Flatten or kink the upper "one shot" oil line where the ball joint was removed to prevent oil leak.

Bogey Time 7.3 hrs.

SPECIAL TOOLS FOR INSTALLATION

ST-228	Tee-Handle Cylinder Head Nut Wrench	\$ 1.50
ST-806	Shock Absorber Front Templet	1.00
ST-807	Shock Absorber Rear Templet	1.50
ST-808	Rivet Cutter	1.50

PRICE

In order to make it possible for the owners of Sixth and Seventh series cars to enjoy the advantages of this equipment at the least possible cost, a special low price has been established, and in all cases where the new equipment is installed full credit will be allowed upon the old shock absorbers which are returned. We are, therefore, handling the transaction at a loss, and the prices listed below have been set with the thought that you will be equally willing to forego your own parts profit on the transaction.

\$44.00 Net of Shock Absorber Equipment  
24.00 Credit Shock Absorber Equipment

\$20.00 Cost after exchange  
15.00 Labor

\$35.00 Cost to Distributer

\$40.00 Suggested Selling Price  
(Installed to Owner)

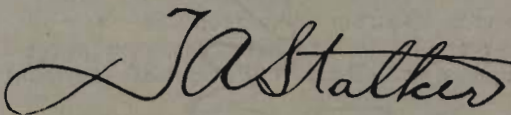
\$49.00 Dealer's Net  
24.00 Credit

\$25.00 Cost to Dealer  
15.00 Labor

\$40.00 Suggested Selling Price  
(Installed to Owner)

Very truly yours,

PACKARD MOTOR CAR COMPANY.



T. A. Stalker,

Manager Technical Department.

TAS:CN (e)2975