

## SPRING SERVICE PROGRAM

*This Spring, the Packard owner should be wisely counseled on car maintenance. More cars are at the critical age and mileage. What is required to see them through until new cars are available, and to get the owner to have this work done, is a challenge to every one of us.*

*Then, too, you, the dealer, should be building up your service appointments in order to insure increased gross profit throughout the year, especially in the face of the possible shrinkage of profits from the sale of cars. This year many dealers will have to cover all their fixed expenses with service income only. Are you one of these dealers?*

*Let's not take any chances! Contact every one of your owners. Buy enough Spring Mailing Pieces to mail all Packard owners in your area. A sample in color has been mailed each Dealer with a convenient order form. Owners are expecting this kind of attention from you. Keep making these contacts so often that the owner is sure of your interest. His service business will help you, and your efficient service will help him enjoy uninterrupted transportation. Then when new cars are again available, Packard will be the owner's choice because of the way you and his car have served him.*

*Use all of the posters which have already been mailed to you. These all tie in with the Spring Mailing Piece. Make up an attractive, fresh display and be ready for spring! The next page shows the material now available.*

# READY TO USE FOR YOUR SPRING PROGRAM

**UNSEEN POINTS WHERE ROUTINE CARE SAVES NEEDLESS WEAR**

**SUMMER GRADE CRANKCASE OIL**  
Replace thin and heavy winter oil

**AIR CLEANER**  
Clean and seal for engine protection

**CARBURETOR**  
Clean and adjust for economy

**HEAT CONTROL VALVE**  
Free-up for better running

**CABLEING SYSTEM**  
Check for kinks and proper circulation

**FAN BELT TENSION**  
Adjust to compensate for wear

**SPARK PLUGS AND DISTRIBUTOR POINTS**  
Clean and adjust for top performance

**BRAKE ADJUSTMENT**  
Good brakes are vital today

**BATTERY**  
Refill if over-charge if old

**SHOCK ABSORBERS**  
Refill for a finer ride

**DIFFERENTIAL LUBRICANT**  
Summer grade motor oil

**UNIVERSAL JOINTS**  
Check for wear and lubricant

**TRANSMISSION LUBRICANT**  
Change for better shifting

**STEERING ADJUSTMENT**  
Check for unexpected bumps

**IGNITION TIMING**  
Reset for economy and performance

**CRANKCASE SLUDGE**  
Guard against this "hidden danger"

**FRONT WHEEL ALIGNMENT**  
Add miles to tire life

**KEY TO WARTIME CHECK**

**CAN YOU GUESS WHEN THIS PICTURE WAS TAKEN?**

...The right answer will surprise you... See following page

**SPRING MAILING PIECE**

## POSTERS

**YOUR ENGINE WILL...  
...RUN BETTER  
...LAST LONGER**

**WITH A CLEAN COOLING SYSTEM**

Packard Sovereign Radiator and Engine Cleaner cleans entire cooling system thoroughly, loosens harmful scale, and hardens rust.

- It cleans cylinder water jackets and all water passages.
- It cleans out the radiator without removing from car.
- It will not injure metal parts, gaskets or hose.

**SPECIAL PRICE**

**RADIATOR CLEANER**

*Electrical Systems need*

**PACKARD INSULATION SEALER**

**SEALER**

Your Car Will Start Easily in Rain, Mist or Fog

Your Battery Will Last Longer

BECAUSE

PACKARD INSULATION SEALER

1. Insulation sealer covers top surface of battery.
2. Insulation sealer holds charge in your car longer.
3. Insulation sealer of all electrical parts in ignition system, starter and bulbs.
4. Waterproofs the ignition system.
5. Effectively prevents corrosion.

**SPECIAL PRICE**

**IGNITION SEALER**

*Beware of*

**SLUDGE**

**IN YOUR ENGINE?**

**APPROVED SERVICE**

ANY CAR WITH LOW OR HIGH MILEAGE MAY HAVE THIS SLUDGE CONDITION THAT—

FOULS PISTON RINGS  
RETARDS VALVE ACTION  
PREVENTS BEARING LUBRICATION  
CLOSES SCREEN

**LET US INSPECT YOUR ENGINE NOW!**

**SLUDGE**

# Shop Talk

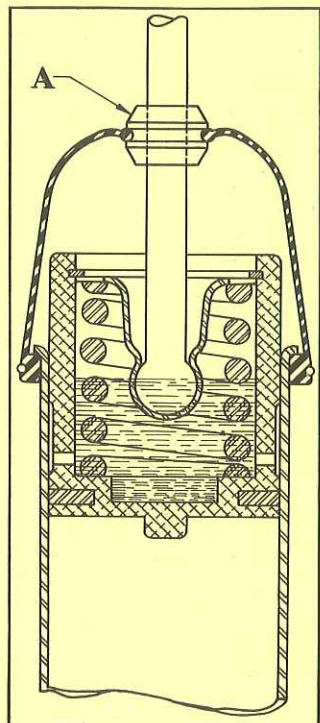
## HYDRAULIC WINDOW CYLINDERS

Some trouble has been experienced with the actuating cylinder and piston assemblies of the hydraulic window regulators rusting and corroding. This trouble is caused by water leaking into the cylinder around the joint between the piston rod and the rubber boot at the upper end of cylinder.

To provide a water-tight seal at this joint, a grooved collar has been added to the piston rod as shown at "A" in the illustration. The upper end of the boot engages the groove in the collar forming a water-tight joint. It is believed that this will prove effective in preventing water leaking into the cylinder.

No change has been made in the part number 363883. Only the new cylinder assemblies will be supplied on service orders.

In the new units the lubricant for the piston is sealed in at assembly and it will not be necessary to lubricate them at the time of installation as outlined in the Service Letter of 11-1-42.



Before installing the new units, pull up on the piston rod until the piston reaches the top end of the cylinder. If the boot swells or balloons out, momentarily pull the boot away from the groove in the collar to release the entrapped air.

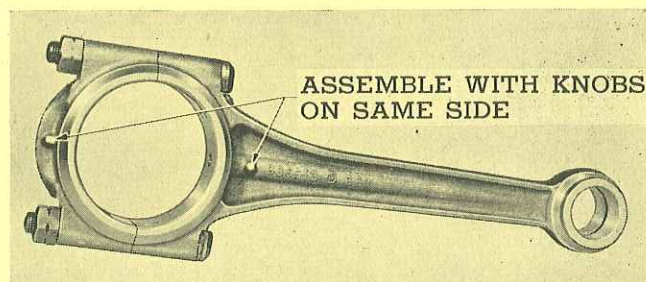
All parts in the new cylinder assembly units, including the rubber boot, remain the same as before, the only difference being the addition of the grooved collar.

## CONNECTING ROD AND CAP ASSEMBLIES

### SIX, EIGHT AND SUPER EIGHT

When assembling the connecting rod cap to the rod, the cap must be in the same relation to the rod as when they were originally machined.

In order to mark this relationship permanently, small knobs are forged on one side of both the rod and the cap, as shown in the illustration. The cap should be installed so that the knobs on the cap and the rod are on the same side.



The position of the connecting rod on the crankshaft is indicated by the cylinder number stamped on the side of corresponding connecting rod bolt bosses when the engine was originally assembled. These numbers were usually stamped on the right or camshaft side. When installing a replacement rod the crankpin number should be stamped on the bolt bosses in the same position as the other rods in the engine.

When assembling the connecting rods in the engine the oil squirt holes must be on the right or camshaft side. This will be accomplished by facing the knobs toward the front of the engine.

## "STARS" IN PARTS PRICE LIST

A copy of Packard Parts Price List No. 35 has been sent to all zones and dealers. In this price list preceding the piece number are letters. These are referred to in the Introduction on Page 2. They are discount symbols which are explained in trade letters dealing with the subject of parts prices.

In some cases preceding the discount symbol letter in the parts price list stars are shown. They refer to certain classification of parts on Canadian prices only. Zones and dealers in the United States should disregard these stars.

## RECENT PARTS INSTALLATIONS

Here is the newly installed PPCP in Saginaw, Michigan. It's a 12-bin department with white bin fronts and walls. The trim is blue and the counter is blue. New transfers in red, white and blue add a finishing touch and fluorescent lighting completes the attractive appearance.

Berkley, Calif. adds its picture of a very neat installation.

New York also continues their good work with two more completed installations—Montclair on the left and Passaic on the right are both very practical as well as very attractive parts departments.

Orlando, Florida has completed a 12-bin setup with a very neat copy of the recommended bin front.



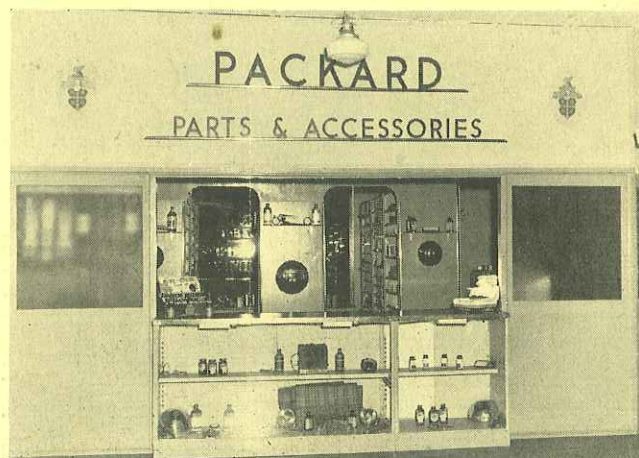
BERKLEY, CALIF.



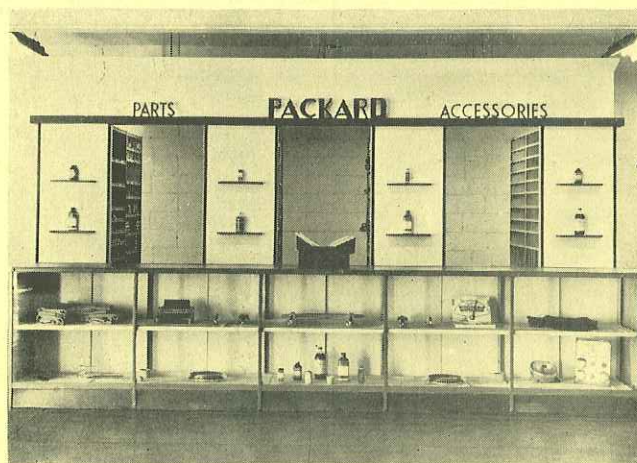
SAGINAW, MICH.



PASSAIC, N. J.



MONTCLAIR, N. J.



ORLANDO, FLA.