

Studebaker SERVICE BULLETIN

DECEMBER

NO. 213



1948

MARKING FOR STEERING WHEEL POSITION - 15A

Please record on p. 111 of 1947 Shop Manual.

A new method of marking the steering wheel position on the steering gear shaft is now being used. The new mark is on the end of the tube and resembles a mark made by a cold chisel.

The old mark, on the side of the shaft, was found to be inaccurate. Some gears were so marked in assembly and it was necessary to add the new mark on the end of the tube on those assemblies; therefore, some gears left Ross Gear with two marks. In these cases only the new mark on the end of the tube should be used for the steering wheel position.

A recess is provided in the outside of the horn button cup so that by rotating it, the mark on the end of the tube can be seen easily.

CORRECTION OF TIME ALLOWANCE OPERATION K-69 - FUEL PUMP: remove and install

Please turn to page 128 of the 1948 Service Operation Step and Time Guide. The time allowance of Operation K-69, Fuel Pump: remove and install, contains a typographical error showing 0.4 hours for both Champion and Commander models.

The time should read: Champion 0.4 hrs. and Commander 0.9 hrs. Please mark out the 0.4 after Commander and write in ink the correct time, 0.9.

ANTI-FREEZE IN VEHICLES SHIPPED FROM THE FACTORY

Please record on p. 142 of 1947 Shop Manual.

As announced in Parts Department Letter to Dealers No. 999, effective October 25, 1-1/2 gallons of Type N (ethyl alcohol base) anti-freeze is being put in the cooling systems of Commander passenger cars, 2R16 and 2R17 trucks before they leave the factory. Champion passenger cars and 2R5, 2R10, and 2R15 trucks will receive 1-1/4 gallons.

This quantity of anti-freeze should protect the cooling systems to 10° below 0° F.

The anti-freeze protection of every unit received from the factory after October 25 should be checked. In climates where greater

In this issue

	PAGE
ANTI-FREEZE IN NEW VEHICLES FROM FACTORY.	1
CORRECTION OF TIME ALLOWANCE, OPERATION K-69	1
DUST PLATE - 2R SERIES	1
HYDROVAC TESTING - 2R SERIES	1
ROOF TRIM REINFORCING BOW - 2R SERIES.	2
SERVICE MERCHANDISERS BY KENT-MOORE.	2
STEERING WHEEL POSITION MARK - 15A	1
TOOL INSERTS - KENT-MOORE CATALOG.	2
WALKER ELECTRIC LIFT	2

protection is required, the dealer should take the necessary steps to see that sufficient Type N anti-freeze is added.

TRUCK SERVICE ITEMS

HYDROVAC TESTING

It has come to our attention that some difficulty has been experienced in connecting the vacuum gage to the trailer control line port when testing Hydrovac operation.

If the Hydrovac has been removed from a truck for repairs, it is possible to facilitate connecting the vacuum gage to the trailer control line port for testing the Hydrovac operation as follows:

When reassembling the unit, turn the atmospheric control valve cover one screw hole to the left (72°) from its original position, as viewed from the valve end. When this is done, the control line that runs from the control valve cover to the rear of the large vacuum cylinder should be installed in the port next to the frame and the trailer port will point toward the center of the truck, allowing the installation of the vacuum gage.

DUST PLATE FOR 2R SERIES TRUCKS

A dust control plate is used on 2R Series trucks at the door lower hinges to prevent the entry of dust into the cab. The plate contacts the weatherstrip to provide a tight seal when the door is closed.

(continued on page 2)

The plate was omitted from trucks produced between the following truck serial numbers: R5-00934-001181 inclusive; R10-00228-00376 inclusive; R15-00242-00390 inclusive; R16-001736-002019 inclusive; and R17-00711-00814 inclusive.

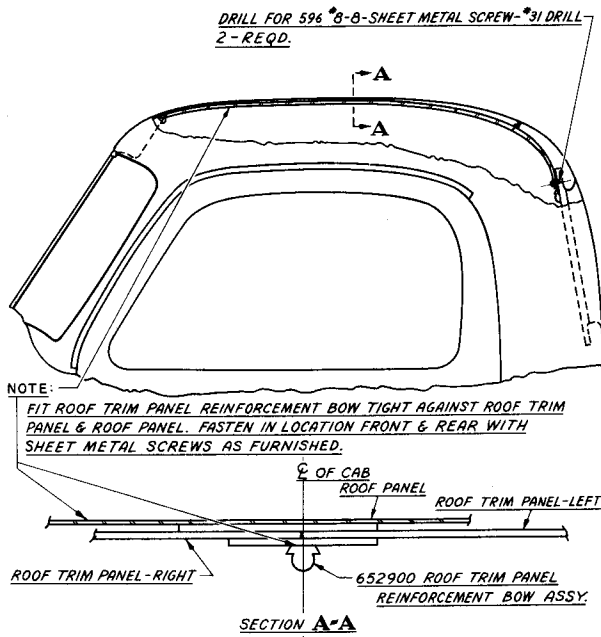
If operators of trucks bearing serial numbers between those given above desire to eliminate a dust leak at the door lower hinge, the plate, Part No. 652516, should be installed. Four screws, Part No. 638-#8-6G, are required for the installation of each plate. The door weather-strip should be adjusted so that it contacts the front edge of the plate when the door is closed.

The plate and screws may be ordered through your nearest parts depot at regular dealer net prices.

ROOF TRIM REINFORCING BOW - 2R SERIES TRUCK CABS

On early production cabs of 2R Series trucks it was found that, under certain conditions, the cab roof trim or head lining might buckle out of position. In production, a metal reinforcing strip was added to the left roof trim effective with the following truck serial numbers: 2R5-1911, 2R10-652, 2R15-835, 2R16-2725, and 2R17-1085.

For service correction of cabs produced before those serial numbers, a reinforcing bow assembly, Part No. 652900-P, is available on order through your nearest parts depot. This bow is fastened in position with two metal screws (Part No. 596-#8-8 or #8-1/2"), as shown in the accompanying drawing.



INSTALLATION OF REINFORCING BOW

SERVICE EQUIPMENT

TWO MORE KENT-MOORE SERVICE TOOL INSERTS

Tool Manual Inserts Nos. ST-5, Rear Axle, and ST-6, Engine, are being mailed with this issue of the Service Bulletin. These inserts cover the following service tools: KMO 570, Wheel Bearing Nut Wrench 2-7/8" Hex.; J2975, Wheel Bearing Nut Wrench 2-3/8" Hex.; J2827, Rear Wheel Bearing Lock Nut Clinching Tool; and J-2959 Oil Pump Drive Gear Puller.

These inserts should be filed in your Kent-Moore loose-leaf catalog.

WALKER ELECTRIC LIFT

A folder describing the new Walker electric lifts, Nos. 1105, 1110, and 1055, is being mailed with this issue of the Service Bulletin.

The new Walker electric lifts are available in either drive-on or free-wheel types.

They may be located any place in the service department where sufficient overhead space is available. New features of the lifts are wide beam spacing which permits complete under-car accessibility, full working height so that underbody service and repair work is not cramped, and new drive-over ramps for easier car positioning.

Dealers inquiring about installation of the lift should give their electric power specifications since the lift can be used with either 220-volt or 110-volt A. C. or 115-volt D. C. motors.

The lift is manufactured by the Walker Manufacturing Company of Wisconsin, Racine, Wisconsin.

SERVICE MERCHANDISERS OFFERED BY KENT-MOORE

Mailed with this issue of the Service Bulletin are two catalog inserts describing Kent-Moore's new line of service merchandising shop equipment and Val-Lite signs.

Merchandisers designed on unit principles have distinctive sales appeal to the customer, add to working efficiency within the service department, and, in combination with Val-Lite signs, improve the general appearance of any shop.