

Studebaker

# SERVICE BULLETIN

AUGUST

NO. 279



1953

## LOCK PLATE FOR STEERING WHEEL NUT - 14G, 4H

Please record this article on the Service Bulletin Reference page at the end of the Front Suspension and Steering System section of your 1953 Passenger Car Shop Manual.

Effective in U.S. production with 1953 Champion model Serial No. G-1232841 and Commander model Serial No. 8316016 and in Canadian production with Serial Nos. G-748477 (14G) and 8955894 (4H), a Part No. 534451 steering wheel nut lock plate is being used.

This plate is assembled between the steering wheel and the steering wheel nut. The plate has two tabs, one fitting into one of the steering wheel puller holes, the other tab being bent upwards against the side of the nut after the nut has been tightened to the proper torque.

Wherever installation of the lock plate is considered desirable, the lock plate may be ordered from your nearest parts depot under Part No. 534451, Steering Wheel Nut Lock Plate.

## SMALLER SPACER EASES DOOR LOCK REMOTE CONTROL OPERATION - 14G, 4H

Please record this article on the Service Bulletin Reference page at the end of the Body section of your 1953 Passenger Car Shop Manual.

To overcome resistance or difficulty in releasing the door lock from the inside, the thickness of the spacer between the door trim panel and the door inner panel was reduced from 1/2" to 1/4". The 1/2" spacer (Part No. 299832) will continue to be used at the window regulator.

To get proper and easy release of the door lock when using the remote control on cars in service, remove the original 1/2" spacer and install the new 1/4" thick spacer, Part No. 306018 (available on order to your nearest parts depot).

## HEAVY-DUTY BRAKE FLUID NOW IN CANADIAN PRODUCTION

Effective with the following serial numbers Lockheed 21-B heavy-duty brake fluid is being

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### WANTED: 1937 PRESIDENT EIGHT CYLINDER BLOCK

Any dealer knowing of the whereabouts of a cylinder block assembly, Part No. 187136, for a 1937 President Eight (3C) model is asked to write direct to Sr. Vicente I. Gonzalez, Apartado Postal 325, Tampico, Tamps., Mexico.

We suggest that if you know of such a cylinder block, you write him briefly as many details as you can, such as whether the block is new or used, just what parts are included, and the price asked f.o.b. point of shipment. If the unit is used, we suggest that you tell Sr. Gonzalez the approximate mileage on the block, if known.

installed in production of all 1953 model Studebaker vehicles produced by the Canadian plant at Hamilton, Ontario:

- 1953 Champion (14G) - G-749,958
- 1953 Commander (4H) - 8,956,179
- 2R5 Trucks - HR5-6,402

Starting serial numbers for installation of heavy-duty brake fluid in vehicles produced in Los Angeles and South Bend were given in Service Bulletin No. 277, page 4.

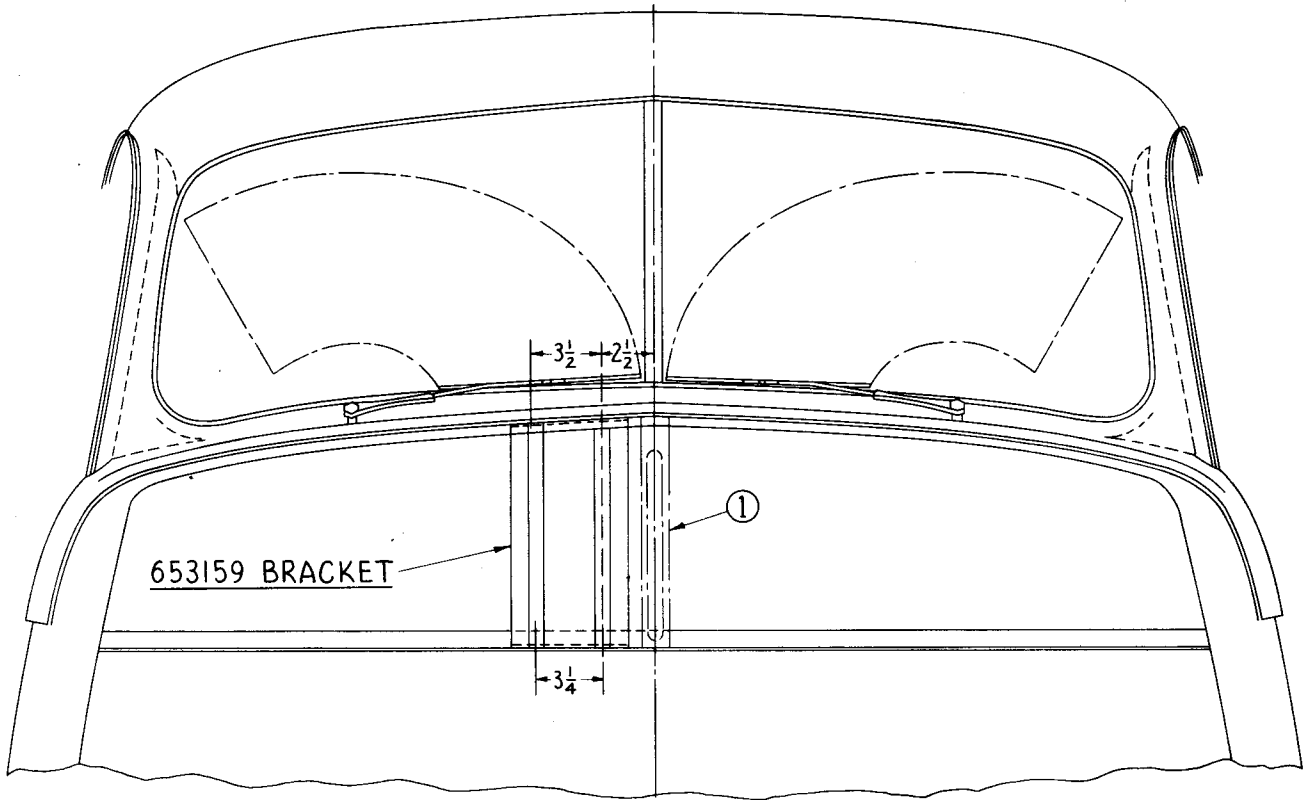


FIG. 1

**ELECTRIC WINDSHIELD WIPER- 2R SERIES TRUCKS**

Please record this article on pages 37 and 73 of your 2R Series Trucks Shop Manual.

A two-speed electric windshield wiper is now available as optional equipment for all 2R Series trucks.

To provide for the installation of the electric windshield wiper, a change in the linkage and a different supporting bracket at the firewall are required.

Effective with the following U.S. serial numbers the new type bracket entered production: R5-108451, R6-11504, R10-36906, R11-9740, R14-1302, R15-13775, R16A-42746, and R17A-34788.

A service kit, Part No. AC-2439, has been released and contains all of the parts needed to install the two-speed electric windshield wiper on trucks with serial numbers on and after those listed above. For trucks prior to these serial numbers, a kit, Part No. AC-2474, which contains the new-type mounting bracket and linkage, should be ordered in addition to AC-2439.

**INSTALLATION INSTRUCTIONS**

*NOTE.- Items 1 through 11 to be followed on trucks with serial numbers before those listed above. Items 5 through 11 apply to trucks having the new-type mounting bracket.*

1. Remove original vacuum wiper and linkage.
2. Remove wiper mounting bracket at bolts near hood weather seal. Cut out the vertical brace in center of dash and discard (1, Fig. 1).

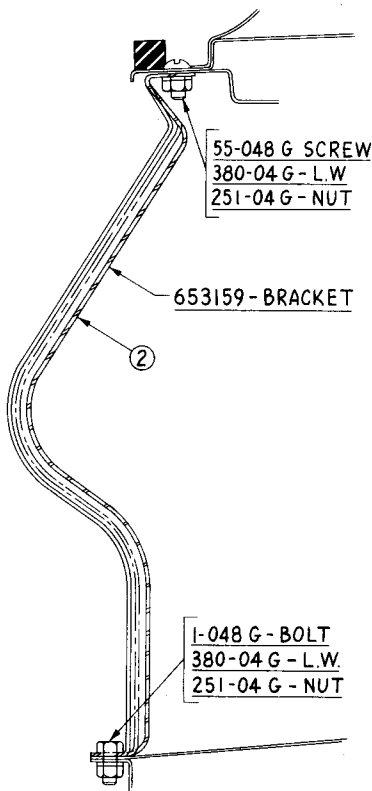


FIG. 2

3. Drill 2 holes  $9/32$ " diameter through punch marks in upper flange of new bracket. Bolt in the new bracket at the top, using old bracket holes. Position the lower end of bracket even with dash flange. Locate and drill 2 holes ( $9/32$ " diameter) through flange. Bolt on lower end of bracket as shown in Fig. 2.
4. Install the new linkage supplied. The long link is for the driver's side of cab.
5. Mount electric wiper motor as shown with motor part on the driver's side of cab. Four bolts, nuts, and lock washers are used as shown in Fig. 3.
6. File wiper control mounting hole  $1/4$ " toward windshield. Install new control switch making sure that map light wires do not touch the side of switch. Use original control knob.
7. Connect white and black wire furnished to the long terminal of the ignition switch and to "B" terminal of wiper control switch; connect yellow wire from wiper motor to "P" terminal on control switch, the green wire to "A" terminal, and the black wire to "F" terminal.
8. With ignition switch turned on, operate wiper motor control switch to check that motor operates and permit it to come to the parked position when control switch is turned off.
9. Turn small cover on disk of the long link assembly aside from the hole, place the

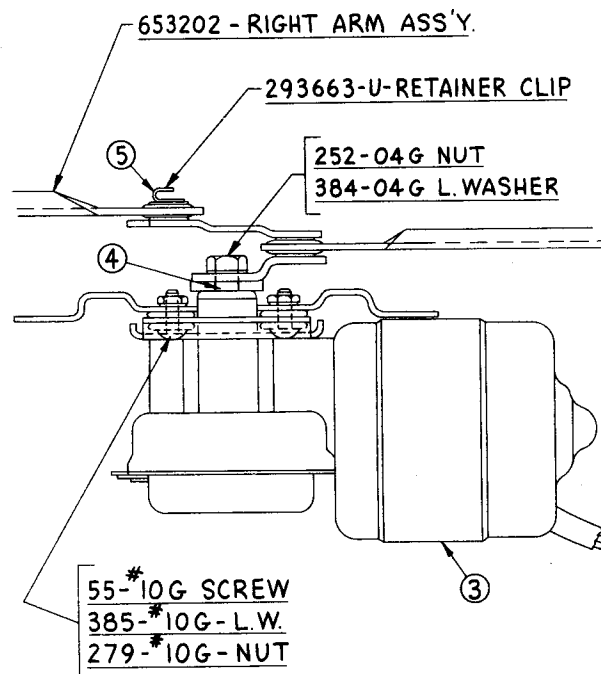


FIG. 3

- small arm attached to side of disk on the motor with the lugs of arm engaged in the notches of the drive washer of motor, install lock washer and nut, using a socket wrench through hole in the disk (4, Fig. 3).
10. Attach right-hand link using retainer clip (5, Fig. 3). Test operation of wiper.
  11. Adjust tab on side of wiper motor gear case so that wipers park at the bottom of the wiping stroke (not necessarily at bottom molding). Adjusting tab moves by pushing with screw driver.

## VACUUM WINDSHIELD WIPERS 2R SERIES TRUCKS

Please record this article on page 37 of your 2R Series Trucks Shop Manual.

Because of the change in the mounting bracket to accommodate the new optional-equipment electric windshield wiper motor, it was necessary to change the vacuum motor mounting bracket and install a different vacuum motor (Part No. 653214) in trucks equipped with standard vacuum-type windshield wipers.

Effective with the following U.S. serial

numbers, trucks with standard vacuum-type windshield wiper motors will have the new mounting bracket and the Part No. 653214 motor: R5-108221 (2R5); R6-11405 (2R6); R10-36878 (2R10); R11-9674 (2R11); R14-1296 (2R14); R15-13767 (2R15); R16-42695 (2R16A); and R17-34744 (2R17A).

Replacement vacuum-type windshield wiper motors for trucks with the above or higher serial numbers will use the new motor, Part No. 653214. Replacement of vacuum-type windshield wiper motors on trucks with lower serial numbers than the above will continue to use the original-type motor, Part No. 652733.

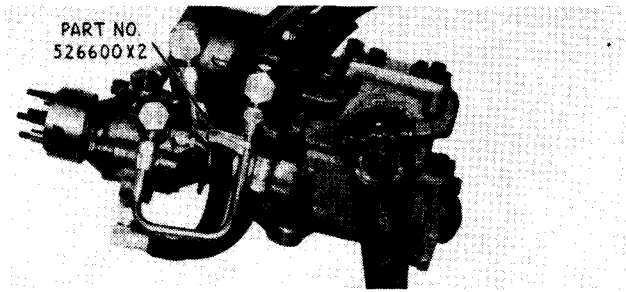


FIG. 1.- PART NO. 526600X2 STRAP USED ON 1953 CHAMPION 5-PASSENGER COUPE AND HARD-TOP MODELS.

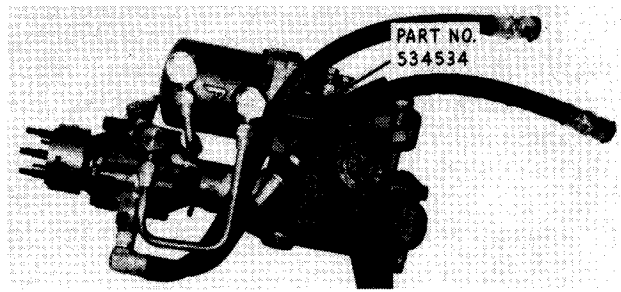


FIG. 2.- PART NO. 534534 RETAINER CLIP USED ON 1953 CHAMPION 2-DOOR AND 4-DOOR SEDANS.

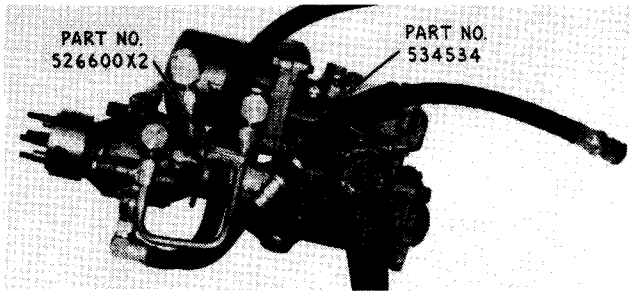


FIG. 3.- ONE PART NO. 526600X2 STRAP AND ONE PART NO. 534534 CLIP ON 1953 COMMANDER 5-PASS. COUPE AND HARD-TOP MODELS.

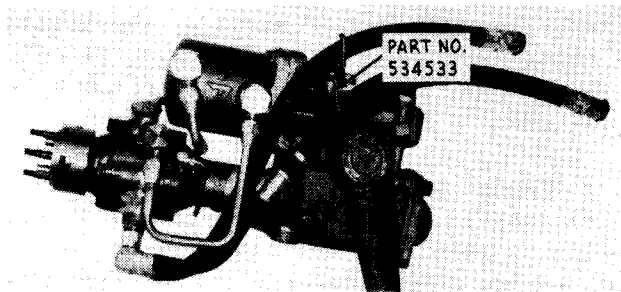


FIG. 4.- PART NO. 534533 CLIP USED ON 1953 COMMANDER 2-DOOR, 4-DOOR, AND LAND CRUISER SEDANS.

### CLIPS FOR HYDRAULIC HOSES IN HYDRAULIC POWER STEERING - 14G, 4H

Please record this article on page 24 of your Hydraulic Power Steering Shop Manual.

The four illustrations accompanying this article show the application of two types of retainers to keep the hydraulic hoses in place on various body styles and models of 1953

Studebaker passenger cars.

The retainer clips and strap are available on order from your nearest parts depot. These parts are:

| Part No. | Part Name            | Model Application       |
|----------|----------------------|-------------------------|
| 526600X2 | Strap                | 14G - C & K; 4H - C & K |
| 534534   | Clip (for one hose)  | 14G - W & F; 4H - C & K |
| 534533   | Clip (for two hoses) | 4H - W,F,Y              |

### CLUTCH RELEASE COLLAR SPRING ASSEMBLY

Please record this article on the Service Bulletin Reference page at the end of the clutch section of your 1953 Passenger Car Shop Manual and on page 49 of your 2R Series Trucks Shop Manual.

To obtain proper operation of the clutch throwout collar assembly on the transmission front flange, the release collar spring must be installed in the proper position.

The illustration shows the proper position. The spring, as shown, has one and one-half coils. The spring should be installed with the single coil at the top of the collar and the double coil at the bottom. When installed in this way, the bearing and collar are held in proper relationship, eliminating any binding of the collar on the flange and also eliminating spring breakage.

Whenever the clutch throwout bearing assembly is removed from the transmission flange, coat

the inside of the throwout bearing sleeve with a high melting point grease.

