

1958 Corvette: Service Bulletin: Electric Windshield Wiper Information

Subject: Electric Windshield Wiper Information
Model and Year: 1958 Passenger Cars and Trucks
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TO: ALL CHEVROLET DEALERS

This bulletin supplements TSB #508, DR #339, dated December 19, 1957 and includes the latest service information on Electric Windshield Wiper Motors used on 1958 Passenger Cars and Trucks.

MOTOR FAILS TO SHUT OFF OR BLADES DO NOT PARK PROPERLY

In some cases the wiper motor, after being shut off, may over travel the effective length of the parking cam and continue to run in a reverse direction. This condition may occur even though the blades are properly positioned as covered in TSB #508, DR #359.

A parking spring has been released for production and service which enables the motor to shut off without depending on the resistance of the wiper blades. The spring is designed to clear the revolving arm in the "ON" position and stop the arm in the "PARK" position when switch is turned off. Figure #1 shows installation of parking spring.

RIGHT SIDE BLADE SLAP

If the right hand blade slaps against the moulding excessively even though the blade is correctly positioned and parks properly, the upper cam stop is probably bent or broken. This damage can occur if the mechanism is coated with ice when the wiper is turned on.

A more durable replacement cam stop is available for service. Figure #1 shows details of installation. The existing tab must be bent flat before installation of the new stop.

PARTS DATA

PART NO.

3759820

DESCRIPTION

Parking Spring and Cam Stop Unit
Includes: 1-4904857 - Parking Spring
1-4904878 - Cam Stop

BURNED OUT CONTROL SWITCH

Any abnormally heavy current draw in the wiper motor circuit, for any reason whatever, may result in burning out of the control switch contact fingers or tension spring necessitating replacement of the switch. If switches repeatedly burn out, the wiper motor field coils are probably shorted and the motor assembly should be replaced.

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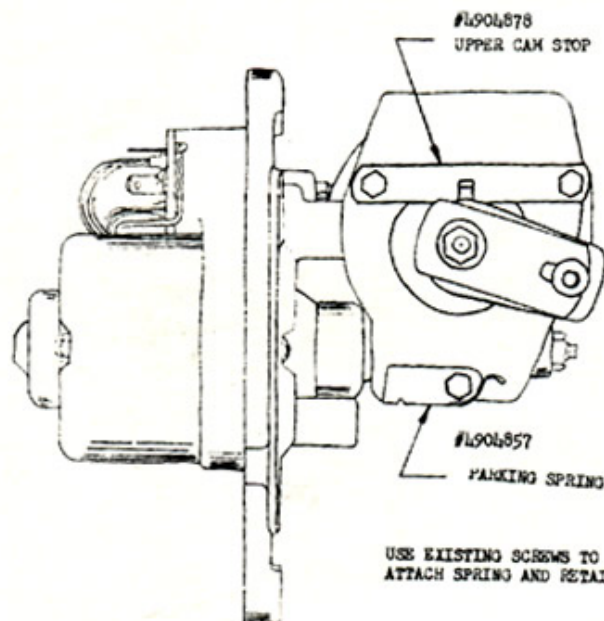
INITIAL _____

WIPER MOTOR ATTACHMENT TO SUPPORT BRACKET - 50 THRU 100 SERIES TRUCKS

If loosening of the wiper motor on the support bracket or failure of the rubber "Wellnut" attachment is experienced, modify the "Wellnuts" and attach motor to bracket as shown in Figure #2.

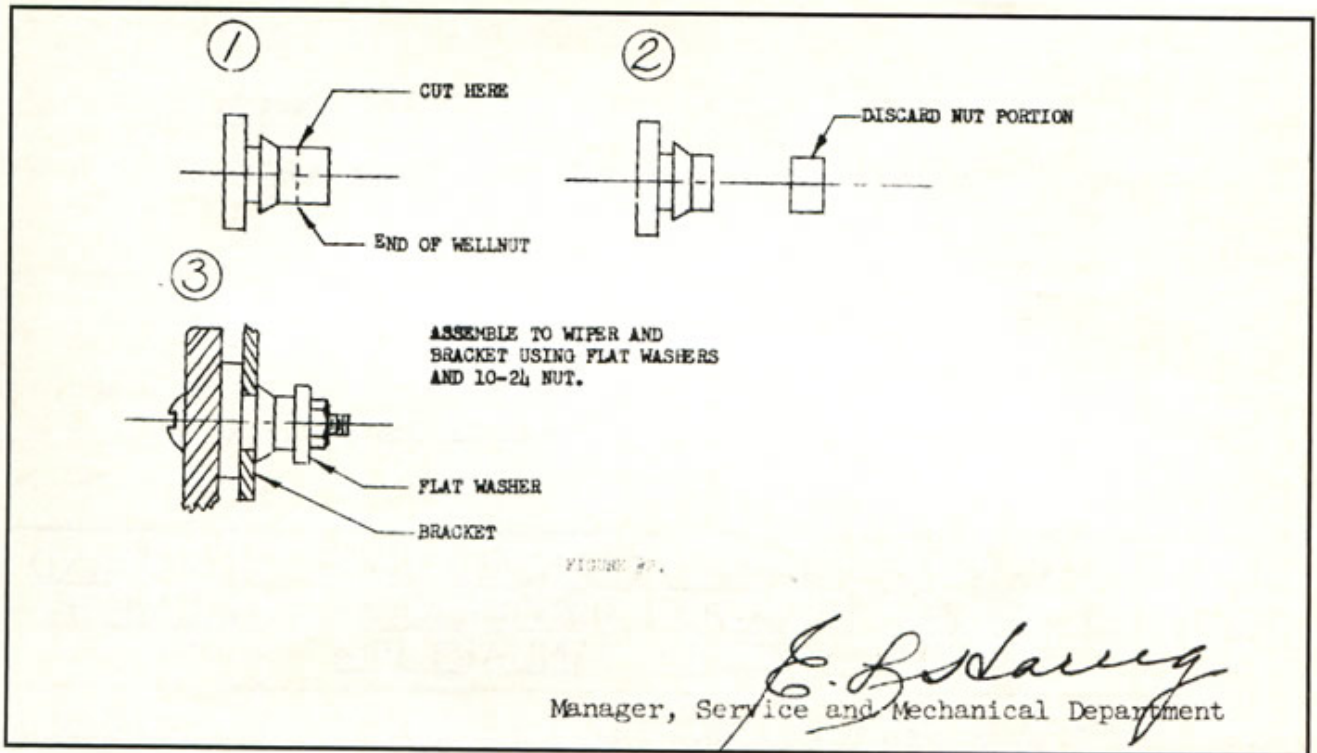
SKETCH SHOWING INSTALLATION OF PARKING SPRING AND CAM STOP ON 1956 ELECTRIC WINDSHIELD WIPERS.

TOP VIEW



NOTE:
IN MOST CASES ON PASSENGER CARS, IT WILL NOT BE NECESSARY TO REMOVE THE WINDSHIELD WIPER DRIVE SHAFT ESCUTCHEON PLATES IN ORDER TO REMOVE THE AIR INTAKE GRILLE. THE GRILLE CAN BE SLID FORWARD FROM BENEATH THE PLATES FOR ACCESS TO THE ELECTRIC MOTOR.

FIGURE #1.



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