

## MOTOR REPLACEMENT

The following procedure describes replacement of a defective motor without removing window regulator or detaching any window system components. This method of motor replacement is not acceptable if any of window system parts are loosened or removed from doors. If window system parts such as lift channels, upstops, tracks and pivot brackets are already loose by deficiency or are to be loosened or removed from door, then use method of repair where entire regulator is removed from door.

### Removal

(1) Raise window to full UP position and keep it there at all times while replacing motor. If window is in any position other than full UP and motor is separated from a spring loaded regulator, then regulator counterbalance spring will tend to propel window upwards.  
Place a window block in door that will positively prevent window from going downwards or upwards. This action will prevent injury that could be caused by incorrect installation of counterbalance spring or upward movement of the window.  
(2) Disconnect wiring connector from motor which is located about eleven (11) inches from motor.

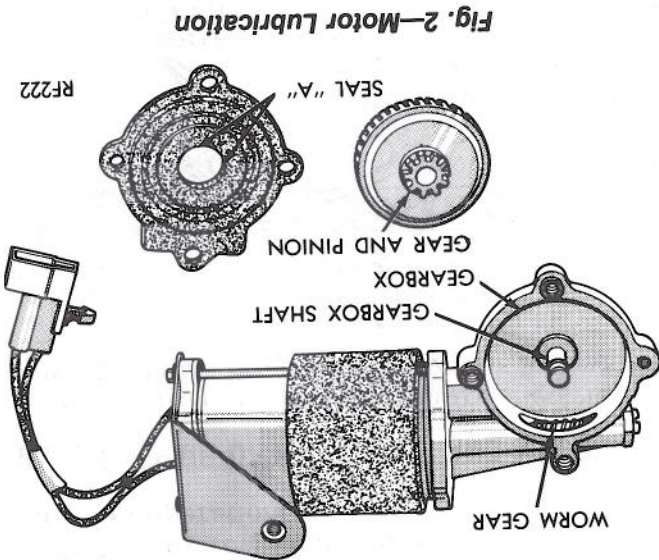


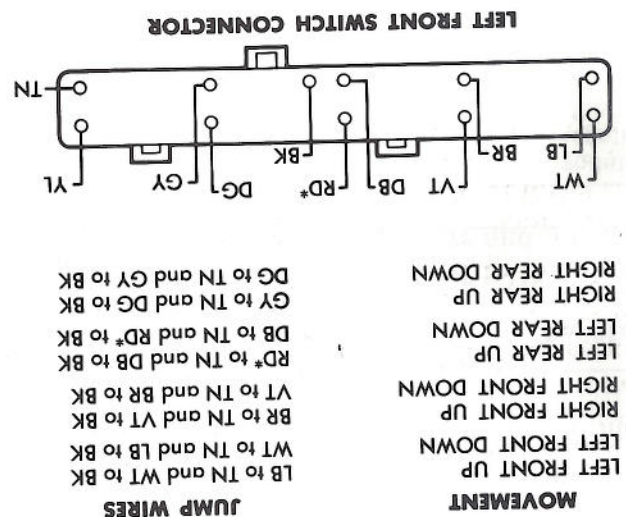
Fig. 2—Motor Lubrication

## GEAR AND PINION REPLACEMENT AND LUBRICATION

(b) Likewise, motor connected to "Down" direction rotation, no movement will be observed if window is already in full down position.  
(4) Reverse battery leads (opposite to steps 1 and 2) and window should now move. If window does not move, remove motor. See below for motor removal from vehicle for bench test.  
(5) If window moved completely up or down, motor should be reversed one more time (reverse leads from step 4) to complete a full window travel inspection.

A front or rear door window repair kit consisting of gear and pinion assembly and seal is available as MOPAR Part No. 4240474 or equivalent. When gear and pinion assembly is replaced in gear box, lubrication of gear box, gear pinion and seal is necessary if these parts have been disassembled—

In the event there is no lubricant in gear box, fill with MOPAR multi-mileage lubricant part number 2525035 or equivalent. Apply a liberal amount of lubricant to inside area of seal marked "A" as illustrated in (Fig. 2) and sealing surface at center area of gear and pinion coupling. Also lubricate center gearbox post and worm gear as illustrated (Fig. 2).



**JUMP WIRES**  
LB to TN and LB to BK  
WT to TN and LB to BK  
VT to TN and VT to BK  
BR to TN and VT to BK  
RD\* to TN and DB to BK  
DB to TN and RD\* to BK  
GY to TN and DG to BK  
DG to TN and GY to BK

**MOVEMENT**  
LEFT FRONT UP  
LEFT FRONT DOWN  
RIGHT FRONT UP  
RIGHT FRONT DOWN  
LEFT REAR UP  
LEFT REAR DOWN  
RIGHT REAR UP  
RIGHT REAR DOWN



Fig. 1—Window Switch Up and Down Test