

Wiper/Washer Systems

FORD MOTOR CO. LIFTGATE

Mustang, Capri
Fairmont, Zephyr

DESCRIPTION

The rear window wiper is a single speed, automatic park design. A washer motor and nozzle, control switch, and inline circuit breaker complete the liftgate wiper system.

OPERATION

Turning the wiper switch controls operation of the wiper motor. Pressing the switch operates the washer, but does not turn on the wiper. When the control switch is turned "OFF", the park circuit returns the wiper blade to a side or bottom position.

TESTING

System Test — 1) Check for power to the switch by inserting test probe into the back of switch connector at the white-purple wire. If no power present, check fuse or circuit breaker. If power is present, make switch continuity check as follows.

2) Remove washer switch knob and bezel screws. Pull switch and retainer away from back of dash, then remove retainer nut. Disconnect wiring and remove switch.

3) Use an ohmmeter to check switch terminal continuity. With switch "OFF", continuity should exist between terminals 296 and 63. With switch "ON", continuity should exist between terminals 296, 63 and 58. With switch on "WASH", continuity should exist between 296, 63 and 941. See Fig. 1.

4) If switch is good, reconnect wiring. Remove wiring connector at wiper motor and check for power in red and white wires with switch and ignition "ON". Also check continuity to ground at black wire. If power and ground exist, replace wiper motor.

REMOVAL & INSTALLATION

WIPER MOTOR

Removal — 1) Raise wiper arm and slide pin latch off motor shaft. Pull arm off without prying. Remove shaft nut and spacer. Remove liftgate inner trim panel.

2) On Fairmont and Zephyr, remove license plate housing screws, disconnect wiring, and remove housing. On all models, disconnect wiper wiring connector.

3) On Mustang and Capri, remove screws holding motor and linkage to liftgate. Remove motor and linkage. On Fairmont and Zephyr, disconnect linkage, then remove motor and bracket.

Installation — To install, reverse removal procedure.

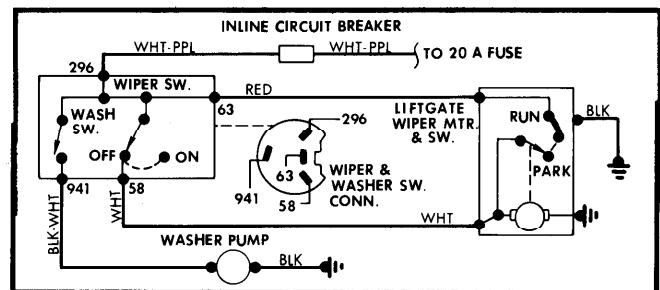


Fig. 1 Ford Motor Co. Rear Wiper/Washer System Wiring Diagram