

# Wiper/Washer Systems

## AMERICAN MOTORS - LIFTGATE

Pacer

### DESCRIPTION

Wiper motor is a single speed type equipped with an automatic park. The motor circuit is protected by a separate 4.5 amp circuit breaker attached to the brake pedal support.

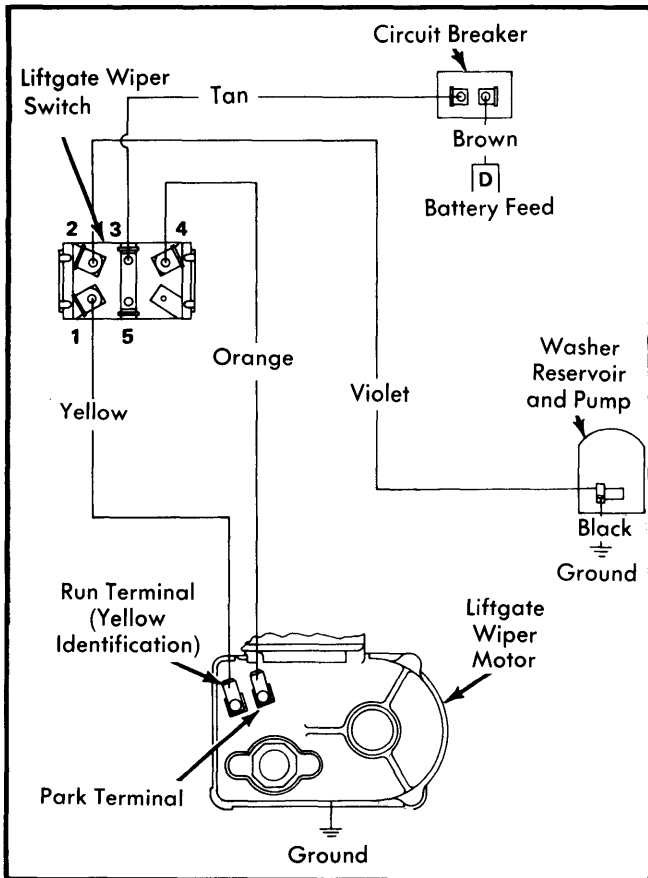


Fig. 1 Wiring Diagram for Liftgate Wiper/Washer Pacer

### SWITCH TEST

Check circuits using a continuity light or ohmmeter. Continuity must exist between terminals as shown in Fig. 1 and Liftgate Wiper Switch Test Table. If switch has open circuit replace switch. If switch tests show proper continuity, check wiring for open circuits, shorts, or poor connections.

Switch Position	Continuity Between Terminals
Run.....	3 to 1
Park.....	3 to 4
Wash.....	3 to 1, 3 to 2

### REMOVAL & INSTALLATION

#### WIPER MOTOR

Remove wiper arm and blade. Remove interior trim panel and disconnect wiring harness. Remove wiper mounting bracket from liftgate then remove wiper motor. To install, reverse removal Procedure. **NOTE** - Operate wiper motor a few cycles, turn off to position shaft in park position, install wiper arm and blade. If blade, when in park position, requires adjustment, loosen locking screw and adjust tab ring (Counterclockwise to lower blade, clockwise to raise blade). When correct, tighten locking screw.

#### LIFTGATE WASHER

Liftgate washer consists of a control switch intergral with wiper switch, reservoir shared with windshield washer, separate electric pump and attachments. Pump is mounted in bottom of reservoir, grounded to vehicle by a wire and energized by a separate wire to No. "2" terminal on control switch.

#### NOZZLE ADJUSTMENT

Washer nozzle is adjustable using a small diameter pin or needle to swivel the ball until pattern is satisfactory.

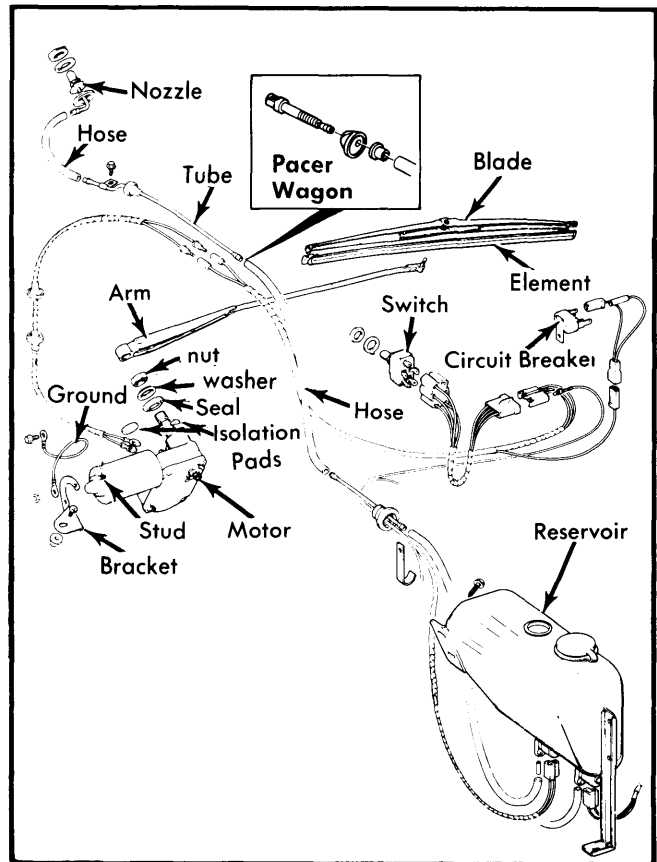


Fig. 2 Liftgate Wiper and Washer System