

# SECTION 01-16 Wiper and Washer Systems

SUBJECT	PAGE	SUBJECT	PAGE
<b>ADJUSTMENTS</b>		<b>REMOVAL AND INSTALLATION (Cont'd.)</b>	
Arm and Blade Assembly.....	01-16-29	Fluidic Washer Nozzle, Front.....	01-16-28
<b>DESCRIPTION AND OPERATION</b>		Fluidic Washer Nozzle, Rear.....	01-16-29
Fluidic Washer System.....	01-16-6	Pivot Shafts and Wiper Linkage, Front.....	01-16-23
Washer System.....	01-16-5	Pump Assembly.....	01-16-26
Washer System, Rear.....	01-16-6	Removal and Installation.....	01-16-23
Windshield Washer Low Fluid Warning Indicator (Front Washer System).....	01-16-5	Washer Hose, Rear.....	01-16-26
Windshield Wiper System, Front.....	01-16-1	Washer Pump and Reservoir Assembly, Front.....	01-16-25
Wiper System and Switch, Rear.....	01-16-2	Washer Pump and Reservoir Assembly, Rear.....	01-16-27
Wiper / Washer Switch, Front.....	01-16-1	Wiper Arm and Blade Assembly, Rear.....	01-16-24
<b>DIAGNOSIS AND TESTING</b>		Wiper Blade, Rear.....	01-16-24
Circuit Breaker.....	01-16-10	Wiper Blades.....	01-16-22
Parking Test.....	01-16-7	Wiper Control Module (WCM).....	01-16-19
Washer Pump Current Draw.....	01-16-12	Wiper Motor, Front.....	01-16-18
Windshield Wiper Control Module Test.....	01-16-11	Wiper Switch, Front.....	01-16-20
Wiper Motor Current Draw, Front.....	01-16-9	Wiper / Washer Switch, Rear.....	01-16-20
Wiper Switch Continuity Test, Front.....	01-16-10	<b>SPECIAL SERVICE TOOLS</b> .....	01-16-33
Wiper Switch Continuity Test, Rear.....	01-16-10	<b>SPECIFICATIONS</b> .....	01-16-32
<b>PARTS CROSS-REFERENCE</b> .....	01-16-33	<b>VEHICLE APPLICATION</b> .....	01-16-1
<b>REMOVAL AND INSTALLATION</b>			
Arm Assembly, Front.....	01-16-21		

## VEHICLE APPLICATION

Taurus / Sable.

## DESCRIPTION AND OPERATION

### Windshield Wiper System, Front

The two-speed, permanent magnet, three brush electric windshield wiper motor has a brush rigging that permits selection of low or high speed. When the control selector is in LO position, the common brush and the blue / orange wire brush are used, and the motor operates at low speed. When the control selector is in HI position, the grounded brush and the white wire brush are used. Current bypasses a portion of the armature winding, causing the motor to run faster. When the control selector is moved to the OFF position, the motor will continue at low speed until the park switch contacts open, signaling the motor to PARK and activating the depressed PARK mechanism which is part of the motor output arm.

### Wiper / Washer Switch, Front

The wiper system features a rotary actuated switch which is part of the turn signal lever of the multi-function switch. The washer switch is a push-type and also is part of the multi-function switch.

### Interval System

When the wiper control switch is in the interval position, the wipers make single wipes which are separated by a pause. The control knob on the end of the turn signal lever sets the length of the pause (from about 1 second to about 12 seconds). The length of pause decreases as the knob is rotated away from OFF and increases as the knob is rotated toward OFF.