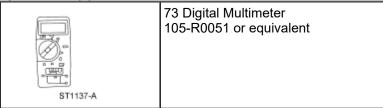
Rear View Mirrors

Refer to Wiring Diagrams Cell <u>124</u>, Power Mirrors for schematic and connector information.

Special Tool(s)



Inspection and Verification

- 1. Verify the customer concern by operating the system.
- 2. Visually inspect for obvious signs of mechanical or electrical damage.

Visual Inspection Chart

Mechanical	Electrical
 Exterior rear view mirrors. Interior rear view mirror. 	 Central junction box (CJB) Fuse 19 (15A). Wiring harness. Loose or corroded connections. Exterior rear view mirror control. Exterior rear view mirror motor.

- 3. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step.
- 4. If the concern is not visually evident, verify the symptom and refer to the Symptom Chart.

Symptom Chart

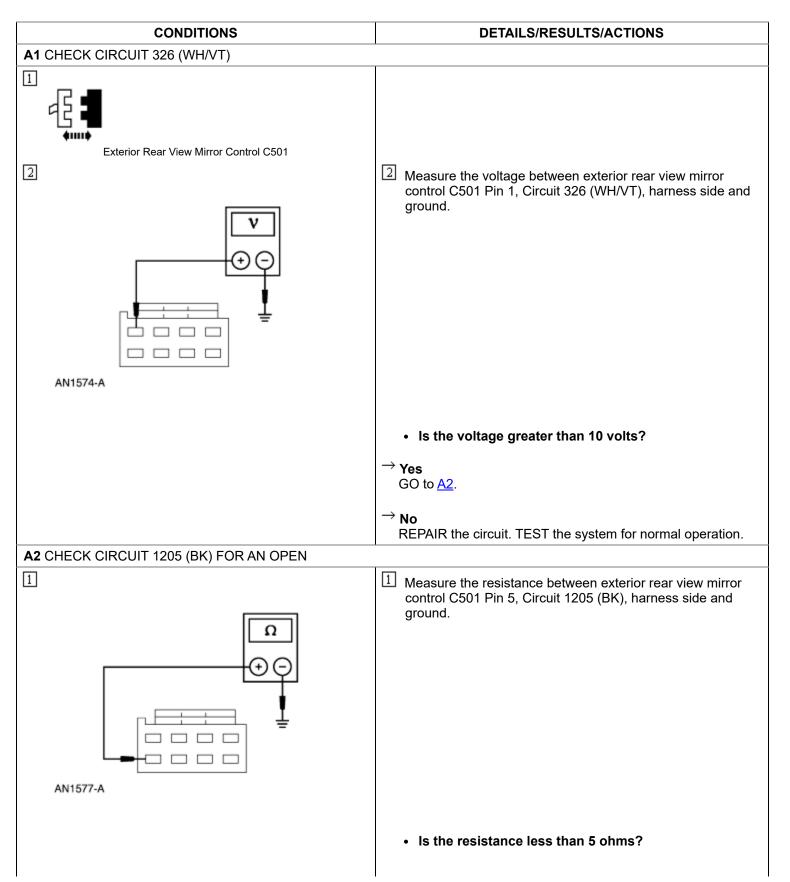
Refer to the Wiring Diagrams for connector numbers stated in the Pinpoint Tests.

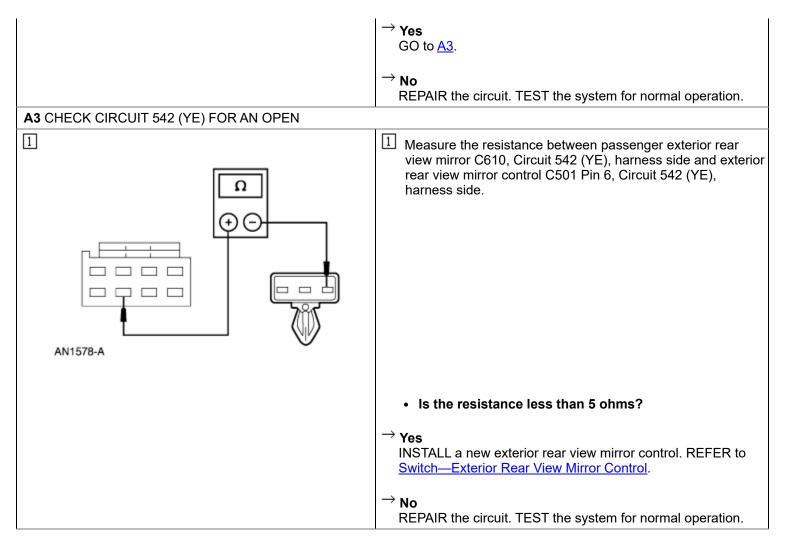
SYMPTOM CHART

Condition	Possible Sources	Action
The mirrors are inoperative	 Exterior rear view mirror control. CJB Fuse 19 (15A). Circuitry. 	GO to <u>Pinpoint Test</u> <u>A</u> .
A single mirror is inoperative	 Exterior rear view mirror control. Exterior rear view mirror motor. Circuitry. 	GO to <u>Pinpoint Test</u> <u>B</u> .
A single mirror does not function with switch logic	 Exterior rear view mirror control. Exterior rear view mirror motor. 	• GO to <u>Pinpoint Test</u> <u>C</u> .

Pinpoint Tests

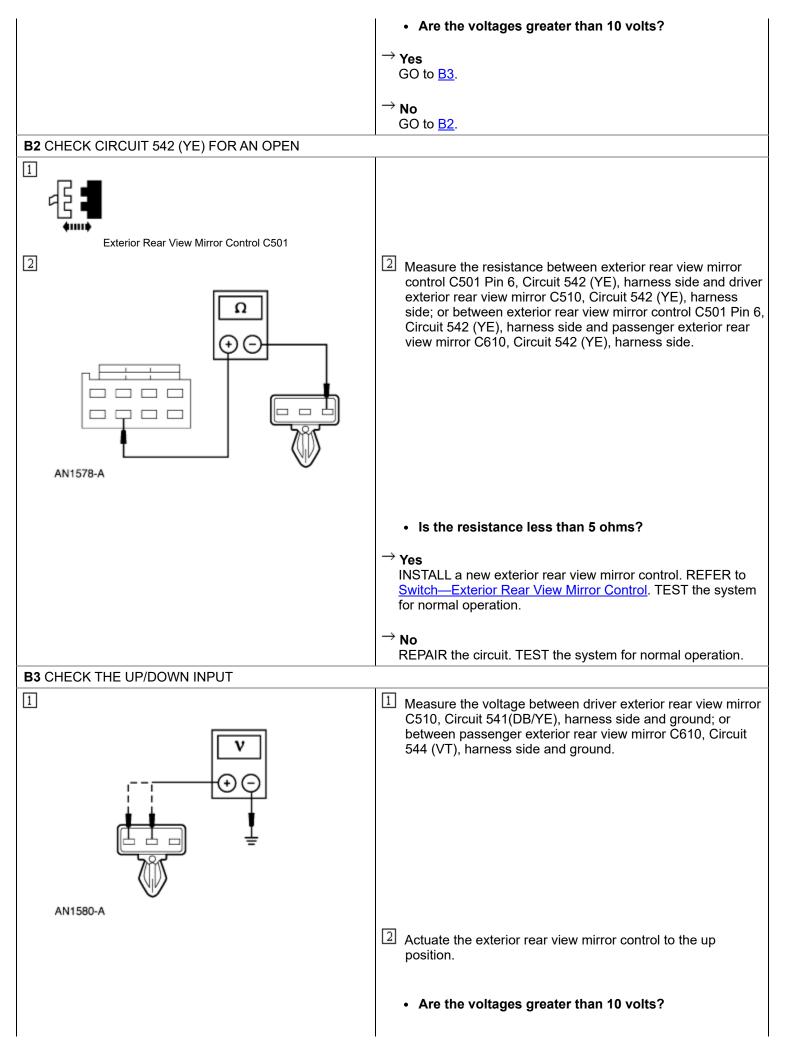
PINPOINT TEST A: THE MIRRORS ARE INOPERATIVE

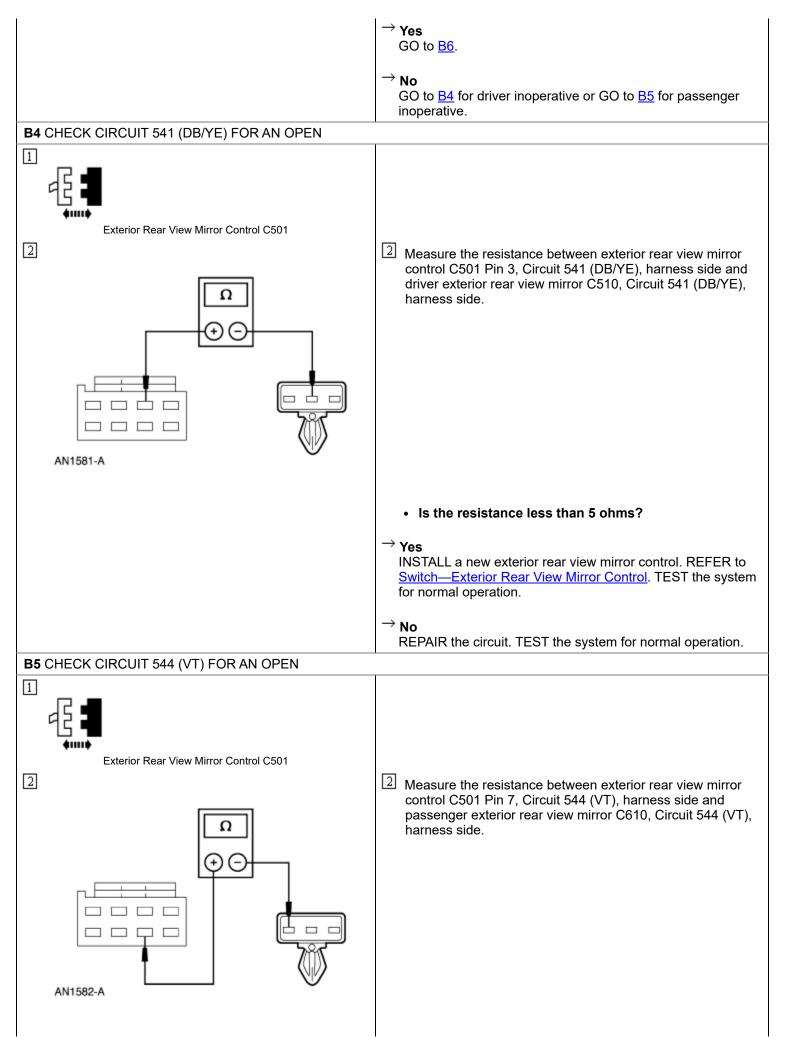


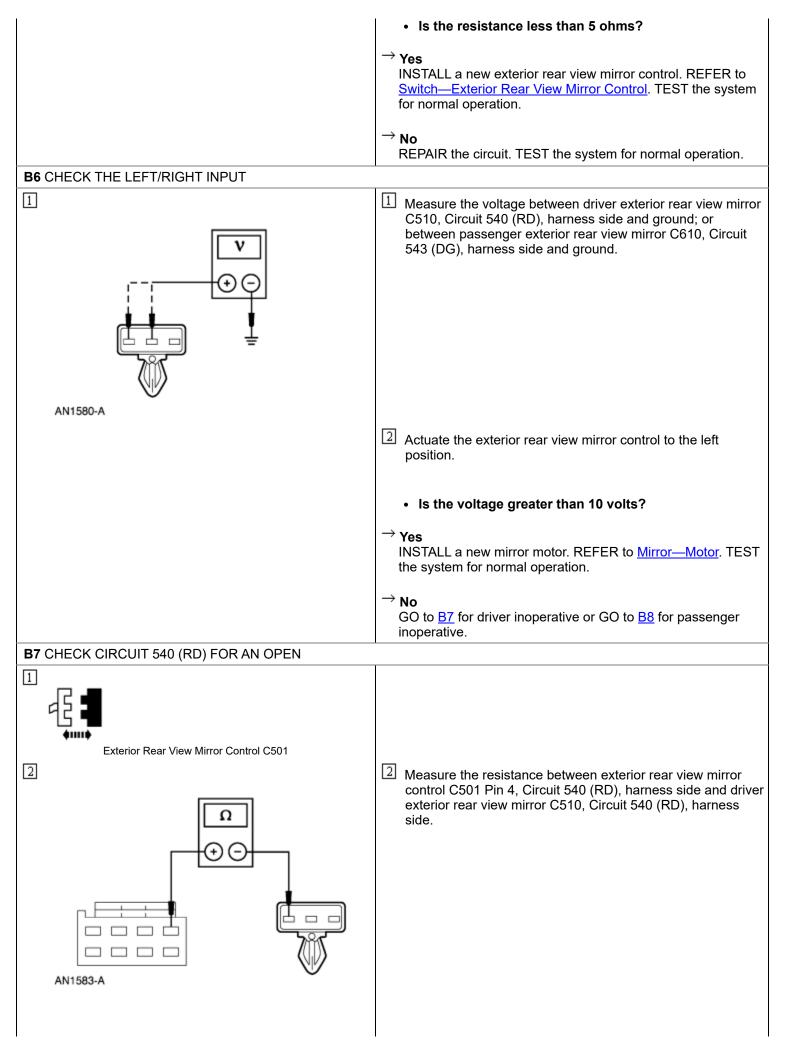


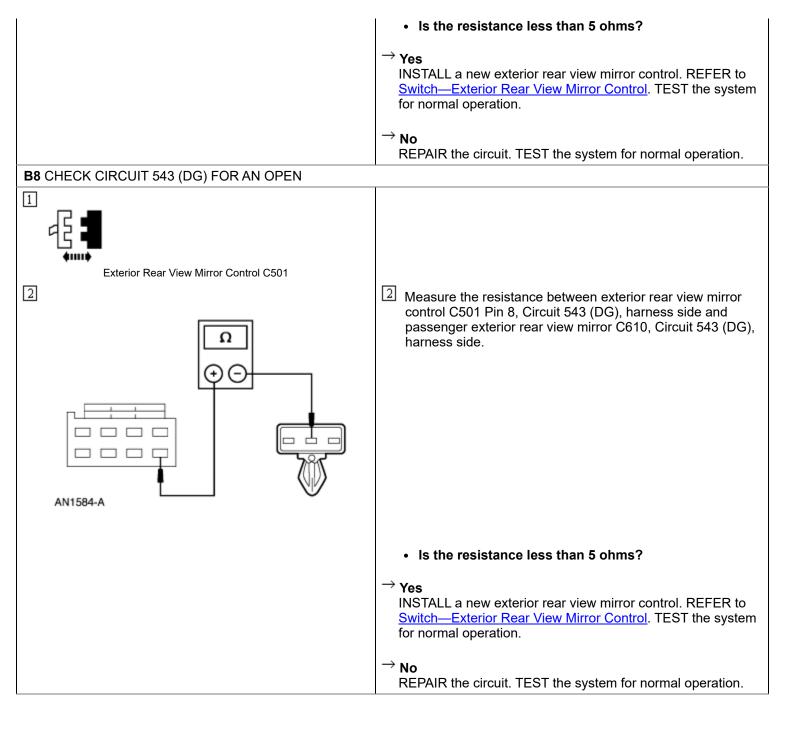
PINPOINT TEST B: A SINGLE MIRROR IS INOPERATIVE

CONDITIONS	DETAILS/RESULTS/ACTIONS
B1 CHECK THE COMMON FEED INPUT	
	 Disconnect the inoperative exterior rear view mirror C510 driver side or C610 passenger side.
	Measure the voltage between driver exterior rear view mirror C510, Circuit 542 (YE), harness side and ground; or between passenger exterior rear view mirror C610, Circuit 542 (YE), harness side and ground.
	3 Select the inoperative side and actuate the exterior rear view mirror control to the down position, then the right position.









PINPOINT TEST C: A SINGLE MIRROR DOES NOT FUNCTION WITH SWITCH LOGIC

CONDITIONS	DETAILS/RESULTS/ACTIONS			
C1 CHECK TH	IE EXT	ERIOR REAR	VIEW MIRROR LOGIC	
	1 Dis	connect the s	uspect exterior rear view mirror C510 driver c	or C610 passenger.
Measure for voltage or resistance at the suspect exterior rear view mirror while actuating the exterior rear view mirror control according to the following chart.				
		Circuit	Exterior rear view mirror control position	Measure for voltage or resistance
		Driver		
		540 (RD)	Left	Greater than 10 volts
1		540 (RD)	Right	Less than 5 ohms

Up	Greater than 10 volts
Down	Less than 5 ohms
Left	Less than 5 ohms
Right	Greater than 10 volts
Up	Less than 5 ohms
Down	Greater than 10 volts
Passenger	
Left	Greater than 10 volts
Right	Less than 5 ohms
Up	Greater than 10 volts
Down	Less than 5 ohms
Left	Less than 5 ohms
Right	Greater than 10 volts
Up	Less than 5 ohms
Down	Greater than 10 volts
	Down Left Right Up Down Passenger Left Right Up Down Left Right Up

• Is the circuit logic OK?

ightarrow Yes

INSTALL a new exterior rear view mirror motor. REFER to <u>Mirror—Motor</u>. TEST the system for normal operation.

\rightarrow No

GO to <u>C2</u>.

C2 CHECK THE EXTERIOR REAR VIEW MIRROR CONTROL

 $\fbox{1}$ Remove the exterior rear view mirror control. Leave the harness connected.

2 Measure for voltage or resistance at exterior rear view mirror control C501 while actuating the exterior rear view mirror control according to the following chart.

Pin	Circuit	Exterior rear view mirror control position	Measure for resist or voltage	
6	542 (YE)	Left	Less than 5 ohms	
6	542 (YE)	Right	Greater than 10 volts	
6	542 (YE)	Up	Less than 5 ohms	
6	542 (YE)	Down	Greater than 10 volts	
	Driver side selected			
4	540 (RD)	Left	Greater than 10 volts	
4	540 (RD)	Right	Less than 5 ohms	
3	541 (DB/YE)	Up	Greater than 10 volts	
3	541 (DB/YE)	Down	Less than 5 ohms	
		Passenger side selected		
8	543 (DG)	Left	Greater than 10 volts	
8	543 (DG)	Right	Less than 5 ohms	
7	544 (VT)	Up	Greater than 10 volts	
7	544 (VT)	Down	Less than 5 ohms	

Is the circuit logic OK?
Yes REPAIR the circuits. TEST the system for normal operation.
→ No INSTALL a new exterior rear view mirror control. REFER to <u>Switch—Exterior Rear View Mirror Control</u> in this section. TEST the system for normal operation.