

Wipers Inoperative – All Modes

Wipers Inoperative – All Modes				
Step	Action	Value(s)	Yes	No
1	1. Turn the ignition switch to the RUN position. 2. With a test light, probe the pulse wiper control module connector, C234 from cavity F to ground. Does the test light illuminate?	—	Go to Step 3	Go to Step 2
2	Repair the open in CKT 143 (YEL) between the instrument panel fuse block, cavity E4 of the multifunction switch pigtail and the wiper pulse control module connector, cavity F. Is the repair complete?	—	System OK	—
3	1. Backprobe the windshield wiper pulse control module with a DMM from cavity K to B+. 2. Measure the voltage. Is the voltage more than the specified value?	10.0 volts	Go to Step 5	Go to Step 4
4	Repair the open in CKT 250 (BLK) between the windshield wiper pulse control module, cavity D and ground terminal 12. Is the repair complete?	—	System OK	—
5	1. Backprobe the multifunction switch pigtail with a DMM from cavity D to B+. 2. Measure the voltage. Is the voltage more than the specified value?	10.0 volts	Go to Step 7	Go to Step 6
6	Replace the windshield wiper pulse control module. Is the repair complete?	—	System OK	—
7	Replace the multifunction switch. Is the repair complete?	—	System OK	—

Wipers Delay Mode Inoperative

Step	Action	Value(s)	Yes	No
1	1. Turn the ignition switch to the ACCY or RUN position. 2. Turn the wiper/washer switch to the PULSE position. 3. Move the wiper/washer delay rheostat to the maximum delay position. 4. Probe the wiper/washer switch pigtail connector with a DMM from cavity E4 to cavity E5. 5. Measure the resistance. Is resistance outside the specified range?	30 K-ohm to 430 K-ohm	Go to Step 3	Go to Step 2
2	Replace the multifunction switch. Is the repair complete?	—	System OK	—
3	1. Probe the multifunction switch pigtail connector with a DMM from cavity E3 to cavity E5. 2. Measure the resistance. Is the resistance greater than the specified value?	5 ohms	Go to Step 4	Go to Step 5
4	Replace the multifunction switch. Is the repair complete?	—	System OK	—
5	Replace the windshield wiper pulse control module. Is the repair complete?	—	System OK	—

Wipers High Mode Inoperative

Wipers High Mode Inoperative				
Step	Action	Value(s)	Yes	No
1	1. Turn the ignition switch to the ACCY or RUN position. 2. Turn the wiper/washer switch to the HIGH position. 3. Backprobe the wiper/washer switch pigtail with a DMM from cavity E3 to ground. Is the voltage greater than the specified value?	4.0 volts	Go to Step 3	Go to Step 2
2	Replace the multifunction switch. Is the repair complete?	—	System OK	—
3	1. Backprobe the windshield wiper pulse control module with a DMM from cavity F to ground. 2. Measure the voltage. Is the voltage greater than the specified value?	10.0 volts	Go to Step 4	Go to Step 5
4	Replace the windshield wiper pulse control module. Is the repair complete.	—	System OK	—
5	Repair the open in CKT 92 (PPL) between the multifunction switch, cavity E3 and the wiper/washer provision connector, C207. Is the repair complete?	—	System OK	—

Wipers Low or Mist Modes Inoperative

Wipers Low or Mist Modes Inoperative				
Step	Action	Value(s)	Yes	No
1	1. Turn the ignition switch to the ACCY or RUN position. 2. Turn the multifunction switch to the LOW position. 3. Backprobe the multifunction switch pigtail connector with a DMM from cavity E4 to E5. 4. Measure the resistance. Is the resistance approximately the specified value?	680 k-ohm	Go to Step 3	Go to Step 2
2	Replace the multifunction switch. Is the repair complete?	—	System OK	—
3	1. Turn and hold the multifunction switch in the MIST position. 2. Backprobe the multifunction switch pigtail connector with a DMM from cavity E4 to E5. 3. Measure the voltage. Is the voltage greater than the specified value?	680 k-ohm	Go to Step 5	Go to Step 4
4	Replace the multifunction switch. Is the repair complete?	—	System OK	—
5	1. Turn the multifunction switch to the LOW position. 2. Backprobe the multifunction switch pigtail connector with a test light from cavity E5 to ground. 3. Measure the voltage. Does the lamp illuminate?	—	Go to Step 7	Go to Step 6
6	Repair the open in CKT 112 (GRA). Is the repair complete?	—	System OK	—
7	1. Turn and hold the multifunction switch in the MIST position. 2. Backprobe the multifunction switch pigtail connector with a test light from cavity E5 to ground. Does the lamp illuminate?	—	Go to Step 9	Go to Step 8

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Step	Action	Value(s)	Yes	No
8	Replace the multifunction switch. Is the repair complete?	—	System OK	—
9	1. Use a DMM to backprobe the wiper/washer provision connector C 207, from cavity A to B+. 2. Measure the voltage. Is the voltage greater than the specified value?	10.0 volts	Go to Step 11	Go to Step 10
10	Repair the open in CKT 91 (GRY) between the windshield wiper pulse control module connector, cavity E and the wiper/washer provision connector C207, cavity A. Is the repair complete?	—	System OK	—
11	1. Use a DMM to backprobe the wiper/washer provision connector C207, from cavity D to B+. 2. Measure the voltage. Is the voltage greater than the specified value?	10.0 volts	Go to Step 13	Go to Step 12
12	Repair the open in CKT 97 (LT BLU) between the windshield wiper pulse control module connector, cavity F and the wiper/washer provision connector C207, cavity D. Is the repair complete?	—	System OK	—
13	Repair the windshield wiper motor or the wiring beyond the wiper/washer provision connector. Is the repair complete?	—	System OK	—