

DIAGNOSIS AND TESTING (Continued)

(Continued) DIAGNOSIS AND TESTING

PINPOINT TEST A
LAMP-OUT WARNING ILLUMINATED WHEN LAMPS ARE OPERATING PROPERLY (Continued)

TEST STEP	RESULT	ACTION TO TAKE
A4 SUBSTITUTE NEW BULBS		
<ul style="list-style-type: none"> Substitute new bulbs for lamps indicated by warning. Reconnect lamp-out module and re-test. Are lamps OK? 	Yes No	LEAVE in new bulbs. SERVICE affected wiring harness: Headlamps—14401 Tail lamps or Brakelamps—14405

TK 17157B

PINPOINT TEST B: LAMP-OUT WARNING NOT ILLUMINATED WHEN ONE OF MORE LAMPS ARE NOT OPERATING PROPERLY

TEST STEP	RESULT	ACTION TO TAKE
B1 CHECK FUSE AND CONNECTOR		
<ul style="list-style-type: none"> Check system fuse. Check wiring connector to outage indicator lamps. Are fuse and connector OK? 	Yes No	GO to B2. SERVICE and/or REPLACE as necessary.
B2 CHECK INPUTS TO THE WARNING INDICATORS		
FOR CONVENTIONAL CLUSTER: <ul style="list-style-type: none"> Disconnect lamp out module. Check if LAMP OUT indicator lights when you: <ul style="list-style-type: none"> Turn ignition to ACC or RUN. Ground Pin 5, Circuit 135 (Y/R) (brakelamp outage circuit). Does LAMP OUT indicator light? Shut OFF ignition to reset conventional cluster. Turn ignition to ACC or RUN. Ground Pin 7, Circuit 132 O/BK (the rear parking lamp outage circuit). Does LAMP OUT indicator light? Shut off ignition to reset conventional cluster. Turn ignition to ACC or RUN. Ground Pin 8, Circuit 130 R/LG (the headlamp outage circuit). Does LAMP OUT indicator light? Does LAMP OUT indicator light when circuits are individually grounded? FOR ELECTRONIC CLUSTER: <ul style="list-style-type: none"> Disconnect lamp out module. Check if warning indicator lights when you: <ul style="list-style-type: none"> Turn ignition to ACC or RUN. Ground Pin 5, Circuit 135 (Y/R) (the brakelamp outage circuit). Does REAR LAMP OUT indicator light? Shut OFF ignition to reset electronic cluster. Turn ignition to ACC or RUN. Ground Pin 7, Circuit 132 (O/BK) (the rear parking lamp outage circuit). Does REAR LAMP OUT indicator light? Shut OFF ignition to reset electronic cluster. Turn ignition to ACC or RUN. Ground Pin 8, Circuit 130 (R/LG) (the head lamp outage circuit). Does HEADLAMP OUT indicator light? Does LAMP OUT indicator appear when circuits are individually grounded? 	Yes No	REPLACE lamp out warning module. SERVICE appropriate wiring of bulbs as necessary.