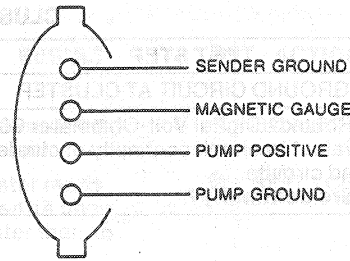


DIAGNOSIS AND TESTING (Continued)

4. Move the float rod toward the fuel filter against the EMPTY stop position (approximately 22 ohms). Turn ignition switch to the OFF position. Wait approximately 30 seconds and turn ignition to the ON position. The fuel gauge should read on or below the EMPTY mark.
5. If the fuel gauge performs as indicated, perform the fuel sender unit test(s), Pinpoint Test D.
6. If the fuel gauge is out of calibration at the EMPTY mark, or both the EMPTY and FULL mark, replace the gauge.

Sender Unit Connector Pin Locations



K8948-A

Refer to the following charts for magnetic gauge diagnosis.

**PINPOINT TEST A
FUEL GAUGE INOPERATIVE — POINTER DOES NOT MOVE**

TEST STEP		RESULT	ACTION TO TAKE
A1	VERIFY CONDITION		
	<ul style="list-style-type: none"> ● Verify condition. ● Does pointer move? 	Yes No	GO to D1. GO to A2.
A2	CHECK OTHER GAUGES		
	<ul style="list-style-type: none"> ● Check power to cluster. With ignition ON, observe other gauges and warning indicators for proper operation. If necessary, use Rotunda Digital Volt-Ohmmeter 007-00001 or equivalent or a test lamp to verify voltage at B+ terminal of cluster connector. ● Do gauges and warning indicators operate properly and is voltage present at cluster? 	Yes No	GO to C1. GO to B1.

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**PINPOINT TEST B
FUEL GAUGE INOPERATIVE**

TEST STEP		RESULT	ACTION TO TAKE
B1	VERIFY POWER AT FUSE PANEL		
	<ul style="list-style-type: none"> ● Use voltmeter to verify system voltage at load side of warning indicator fuse. ● Is voltage present at load side of fuse? 	Yes No	GO to C1. GO to B2.
B2	VERIFY POWER AT FUSE PANEL		
	<ul style="list-style-type: none"> ● Use voltmeter to verify system voltage at feed side of warning indicator fuse. ● Is voltage present at feed side of fuse? 	Yes No	REPLACE fuse. GO to A1. SERVICE wiring to fuse panel. GO to A1.

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**PINPOINT TEST C
CLUSTER DIAGNOSIS**

TEST STEP		RESULT	ACTION TO TAKE
C1	VERIFY POWER AT CLUSTER		
	<ul style="list-style-type: none"> ● Cluster connectors installed. ● Partially remove cluster. ● Check for voltage at cluster connector and gauge terminal. ● Use Rotunda Digital Volt-Ohmmeter 007-00001 or equivalent. ● Is voltage at cluster connector and gauge terminal? 	Yes No	GO to C2. SERVICE circuit. GO to A1.