

**DIAGNOSIS AND TESTING (Continued)**

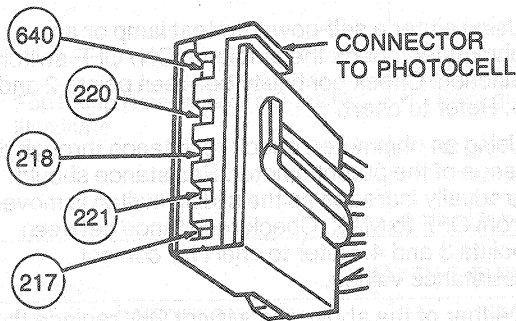
5. Make sure that autolamp relay connector is properly attached to relay.

CONDITION	RESOLUTION
<ul style="list-style-type: none"> <li>The autolamp system will not operate.</li> <li>The autolamp system will not delay long enough after the vehicle has been shut down.</li> </ul>	Problems resulting from Operator Error are caused by failure to follow operating procedure or sequence requirements that have been designed into the AUTOLAMP (ON/OFF DELAY SYSTEM).
<b>SYMPTOMS AND QUICK CHECKS OF THE ELECTRICAL SYSTEM CONDITIONS:</b> <ul style="list-style-type: none"> <li>Headlamps do not turn on when it gets dark outside.</li> <li>Headlamps turn on too late at evening.</li> <li>Headlamps turn on too early at evening.</li> <li>Headlamps turn off too late in the morning.</li> <li>Headlamps turn off too early in the morning.</li> </ul>	<b>QUICK CHECKS:</b> <ul style="list-style-type: none"> <li>Place autolamp control in the OFF position. Turn on headlamps using standard headlamp switch control.</li> <li>If headlamps do not operate, check out and correct the standard headlamp circuit.</li> <li>If headlamp operation is OK using the standard headlamp switch, check the autolamp fuse. If the fuse is OK, proceed with a complete checkout procedure.</li> <li>Refer to autolamp amplifier adjustment.</li> </ul>

CK4062-E

**Autolamp Connector (On/ Off Delay System)**

**CIRCUIT NUMBERS**



K4861-E

CIRCUIT	WIRE COLOR CODE
640	R/Y (Ignition)
220	P/O (Autolamp Sensor Amplifier to Control Switch)
218	W/P (Autolamp Sensor Amplifier to Relay)
221	O/W (Headlamp Switch to Autolamp Sensor Amplifier)
217	DB/O (Autolamp Sensor Amplifier to Rheostat)

TK4861E

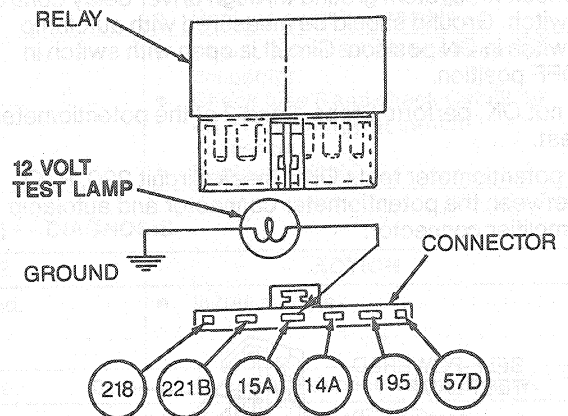
**Autolamp (On/ Off Delay System)**

**Test and Result**

Connect a 12 volt test lamp between Circuit 15A, R/Y and a good ground.

With manual headlamp switch in PARK or full ON position, voltage should be measured at autolamp relay connector Circuit 15A, R/Y. This checks for correct wiring to tail lamp circuit.

If not OK, check continuity of Circuit 15A, R/Y between the autolamp relay connector and the common point with the rear lamp circuit.



K18598-A

**Headlamp Circuit**

**Test and Result**

Connect a 12 volt test lamp between Circuit 14A, BR and a good ground.

With manual headlamp switch in full ON position, voltage should be measured at autolamp relay connector. This checks for correct wiring to headlamp Circuit 14A, BR.