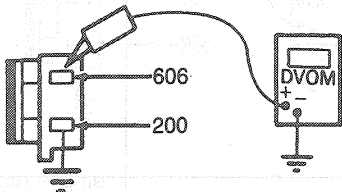
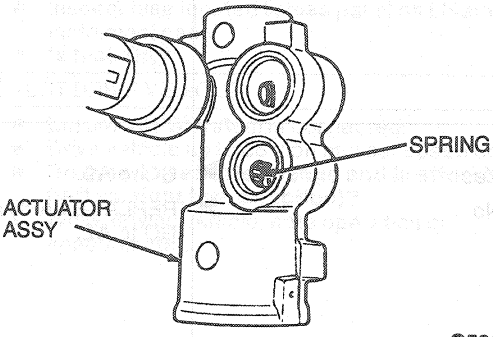
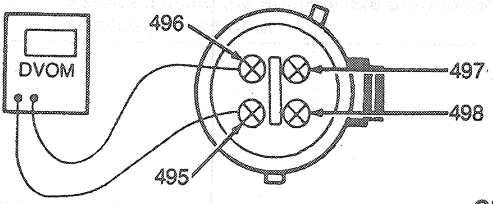


DIAGNOSIS AND TESTING (Continued)

(Continued)

PINPOINT TEST A
VARIABLE ASSIST POWER STEERING ELECTRICAL COMPONENT DIAGNOSIS (Continued)

TEST STEP	RESULT	ACTION TO TAKE
<p>A9 ACTUATOR (MECHANICAL) CHECK</p> <ul style="list-style-type: none"> ● Turn ignition switch to OFF. ● Remove actuator as outlined. ● Reconnect actuator connector to VAPS harness connector. ● Attach DVOM to diagnostic connector (near brake booster) as shown.  <p style="text-align: right;">G5315-A</p> <ul style="list-style-type: none"> ● Turn ignition switch to ON. ● The module will go through a diagnostic check, consisting initially of the 90 second efforts change sequence. ● If the actuator is mechanically operable, the actuator valve will move between its two limits of travel. This movement can be detected by watching the valve spring expand and relax between the travel limits. ● Does spring move?  <p style="text-align: right;">G5316-A</p>	<p>Yes</p> <p>No</p>	<p>▶ REPLACE steering gear assembly. GO to A2.</p> <p>▶ REPLACE actuator. GO to A2.</p>
<p>A10 ACTUATOR (ELECTRICAL) CHECK</p> <ul style="list-style-type: none"> ● Turn ignition switch to OFF. ● Disconnect actuator connector from harness connector. ● Connect DVOM to Circuits 495 and 496. ● Measure resistance.  <p style="text-align: right;">G5317-A</p> <ul style="list-style-type: none"> ● Connect DVOM to Circuit 497 and 498. ● Measure resistance. 	<p>Resistance between 43 and 70 ohms</p> <p>Resistance less than 43 or greater than 70 ohms</p>	<p>▶ GO to A11.</p> <p>▶ REPLACE actuator. GO to A2.</p>