1. Connect the self made test cable (Figure 1) between the 2-pole connection on the throttle actuator and the 2-pole plug on the wiring harness (b, Figure 2).
2. Connect voltmeter. Positive lead to test cable, negative lead to vehicle ground (seat rail).
3. Turn ignition on and check brake light for proper function.
4. Actuate control lever switch, brake pedal and ignition switch as follows:

Operating Condition	Voltage Value
OFF	0 V
ACCEL SET	> 11 V
Actuate Brake	0 V
RESUME	> 11 V
Ignition OFF/ON	0 V
DECEL SET	> 11 V

5. If the specified voltage values are not obtained, check the wiring harness connection at the brake light switch according to the wiring diagram or the control lever switch according to job number 54.2-328. Temporarily connect a new amplifier for test purposes.

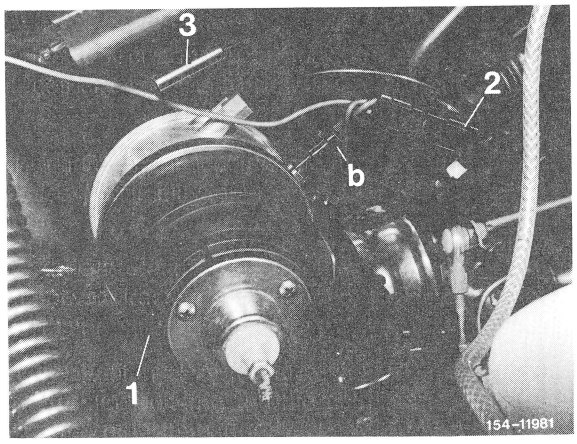

Fig. 2
b Test Cable
1 Throttle Actuator
2 2-Pole Plug
3 Vacuum line

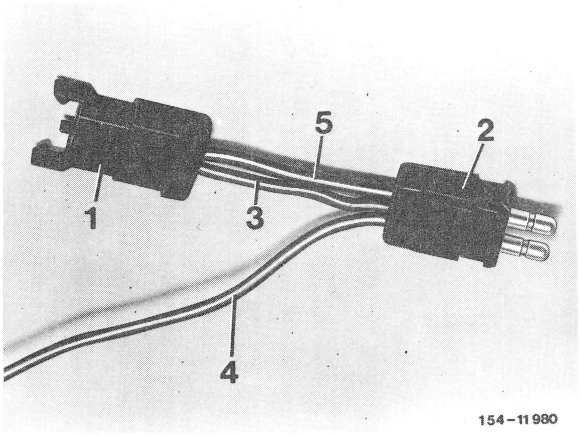

Fig. 1
Test cable, complete,
Part No. 700 589 00 54 00
1 Plug, consisting of:
Part No. 008 545 09 28
008 545 11 28
008 545 18 28
2 Plug, consisting of
Part No. 001 545 26 26
008 545 08 28
008 545 10 28
3 Electr. wire, brown/black
4 Electr. wire, brown/black
Approx. 10 ft. long
5 Electr. wire, black

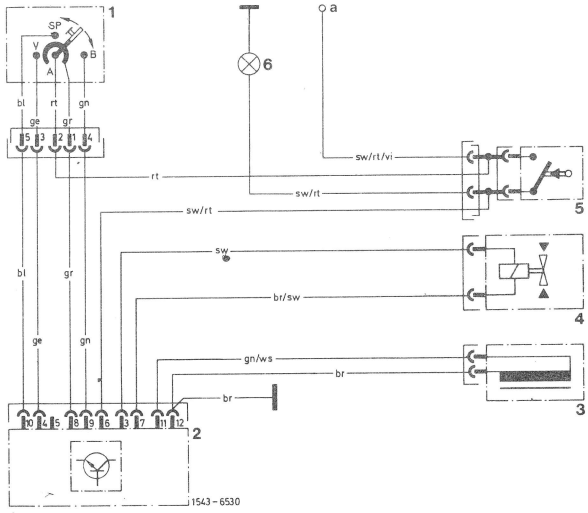

Fig. 3
Electrical Wiring Diagram,
1st Version, Model Year 1976
1 Control lever switch
SP = RESUME
V = DECEL. SET
A = OFF
B = ACCEL. SET
2 Amplifier
3 Speed Sensor
4 Throttle Actuator
5 Brake Light Switch
6 Brake Light
a Terminal 15

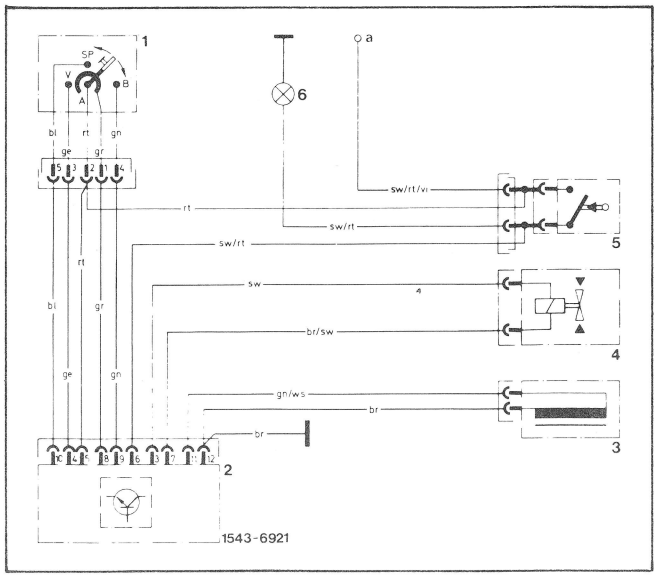

Fig. 4
Electrical Wiring Diagram
2nd Version, Model Year 1976
1 Control Lever Switch
SP = RESUME
V = DECEL. SET
A = OFF
B = ACCEL. SET
2 Amplifier
3 Speed Sensor
4 Throttle Actuator
5 Brake Light Switch
6 Brake Light
a Terminal 15