FRONT AXLE & FRONT SUSPENSION

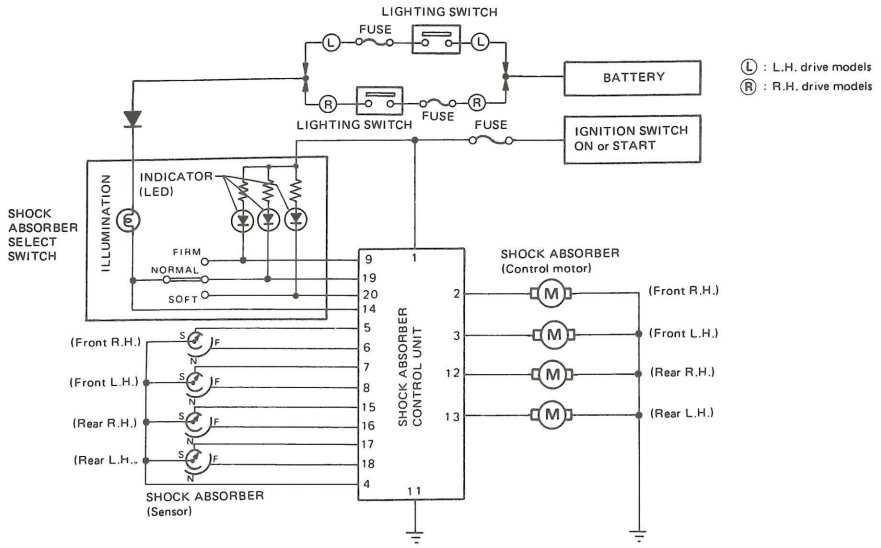
SECTION FA

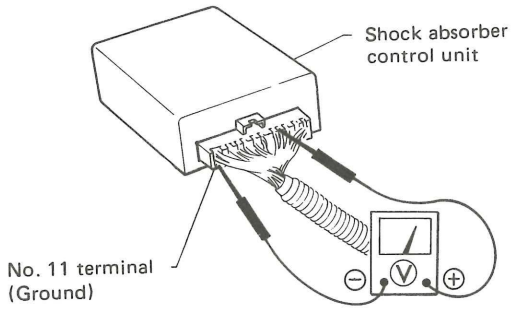
MODIFICATION NOTICE :

- The electrical circuit for adjustable shock absorber has been changed.
- For easier understanding, the trouble diagnoses have been revised.

Electrical Circuit

SCHEMATIC





1	2	3	4	5	6	7	8	9	
11	12	13	14	15	16	17	18	19	20

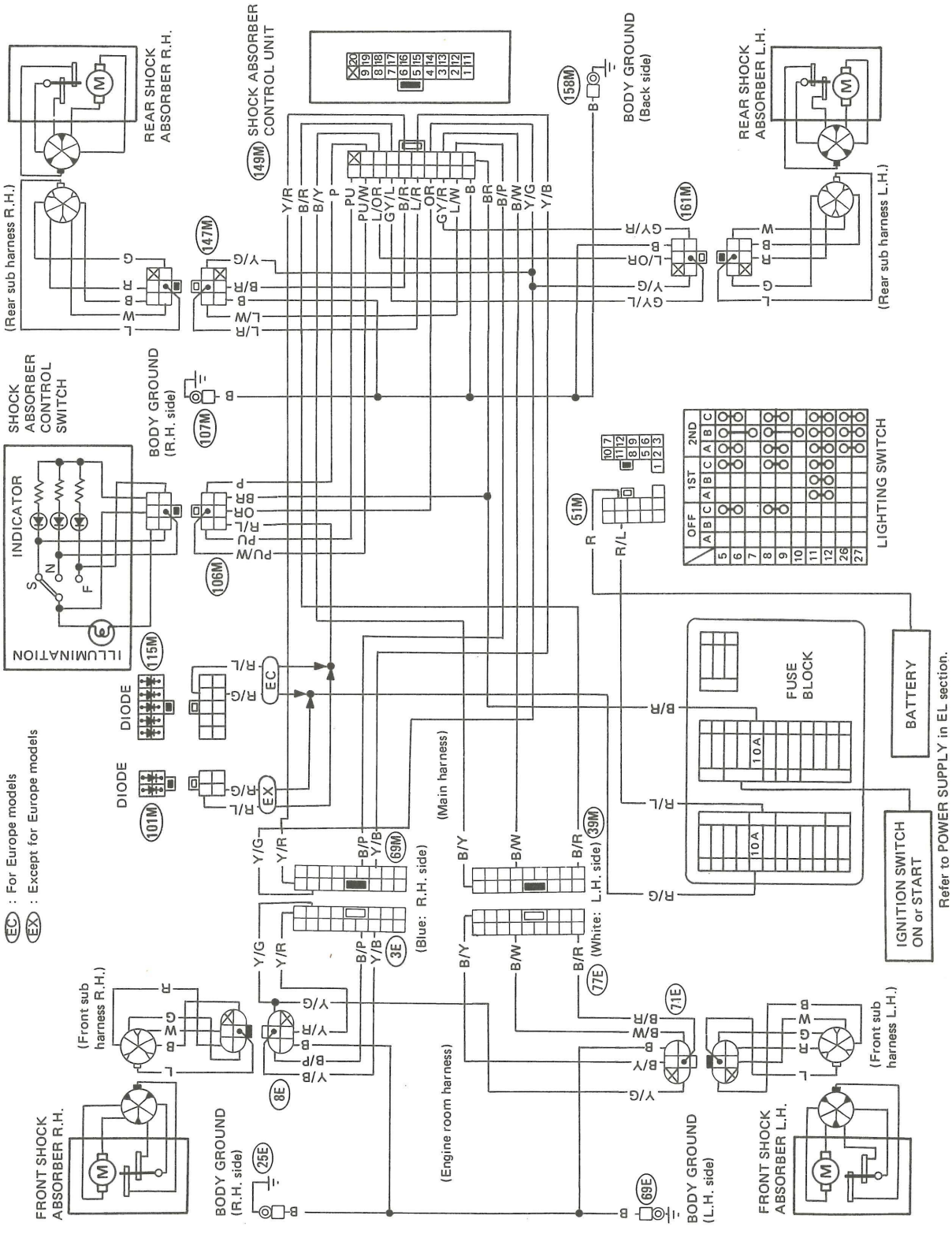
(Harness connector of control unit as seen from front)

When ignition switch is "ON", each voltage is as follows.

Front R.H.	11-5	FIRM 7.5 V SOFT, NORMAL 0 V
	11-6	SOFT 7.5 V FIRM, NORMAL 0 V
	11-4	0 V
Front L.H.	11-7	FIRM 7.5 V SOFT, NORMAL 0 V
	11-8	SOFT 7.5 V FIRM, NORMAL 0 V
	11-4	0 V
Rear R.H.	11-15	FIRM 7.5 V SOFT, NORMAL 0 V
	11-16	SOFT 7.5 V FIRM, NORMAL 0 V
	11-4	0 V
Rear L.H.	11-17	FIRM 7.5 V SOFT, NORMAL 0 V
	11-18	SOFT 7.5 V FIRM, NORMAL 0 V
	11-4	0 V

SFA029A

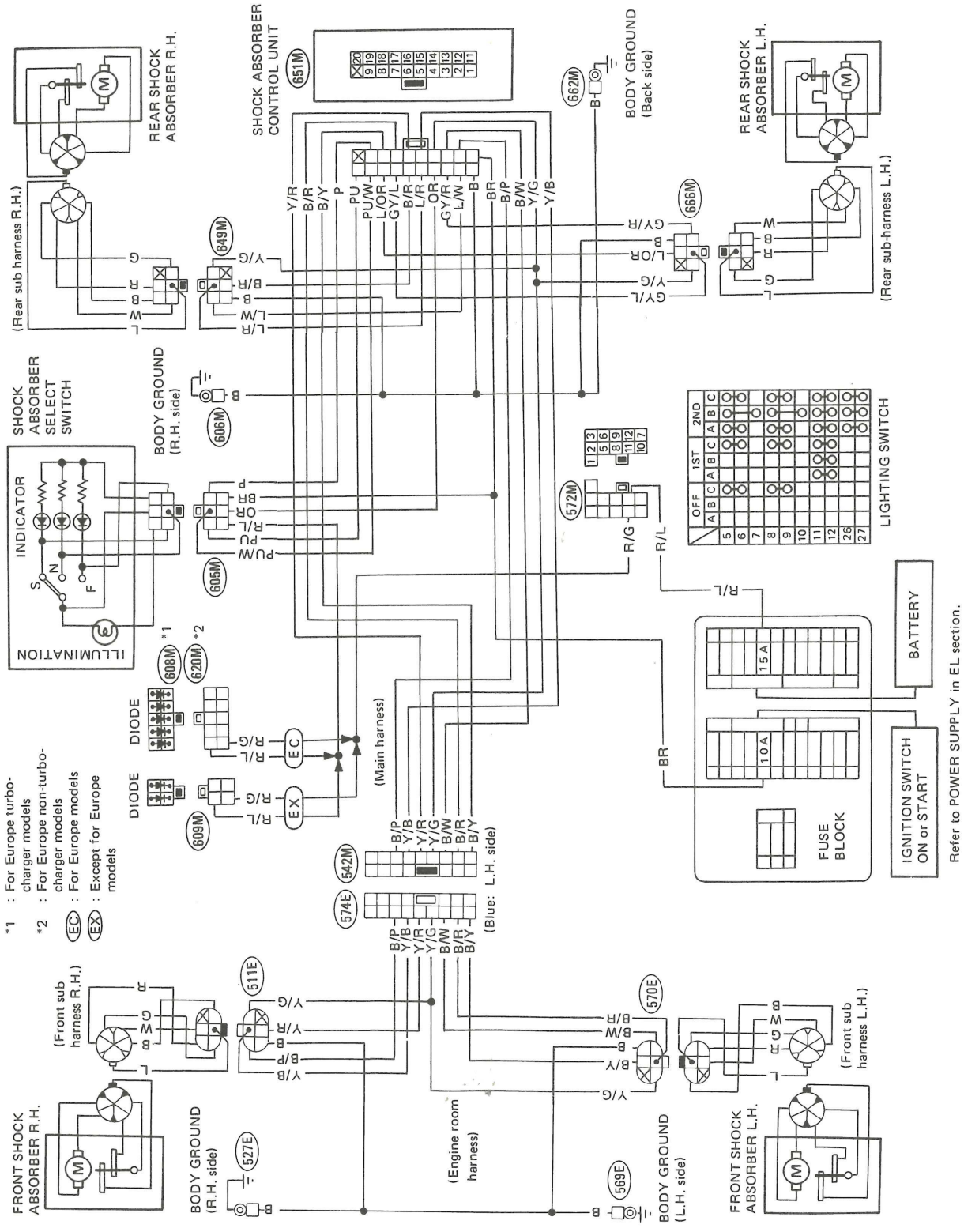
WIRING DIAGRAM (L.H. DRIVE MODELS)



SFA030A

Electrical Circuit (Cont'd)

WIRING DIAGRAM (R.H. DRIVE MODELS)

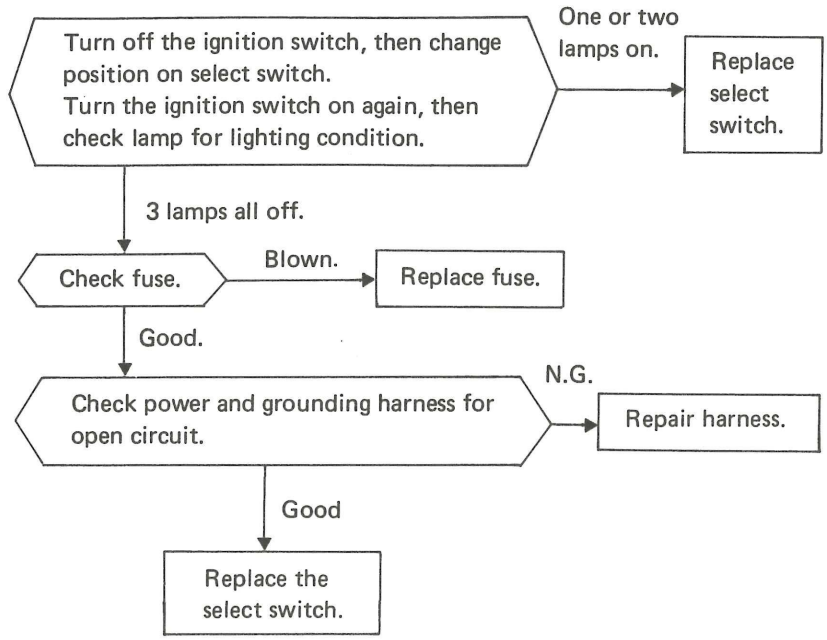
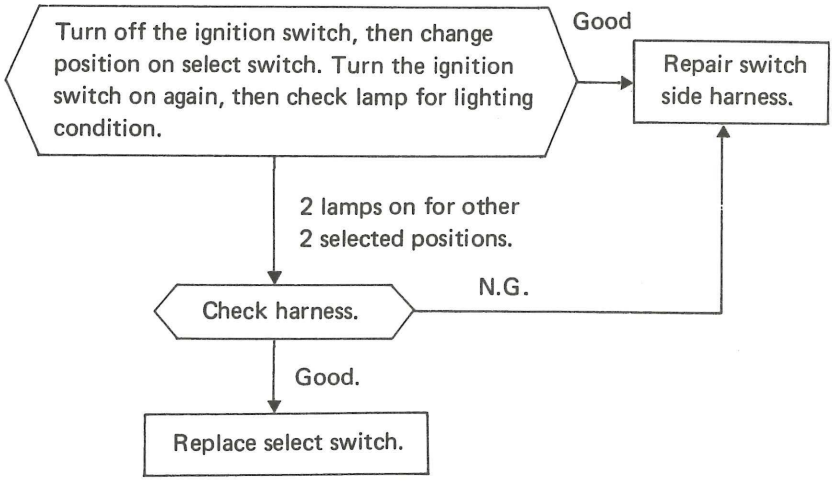


SFA031A

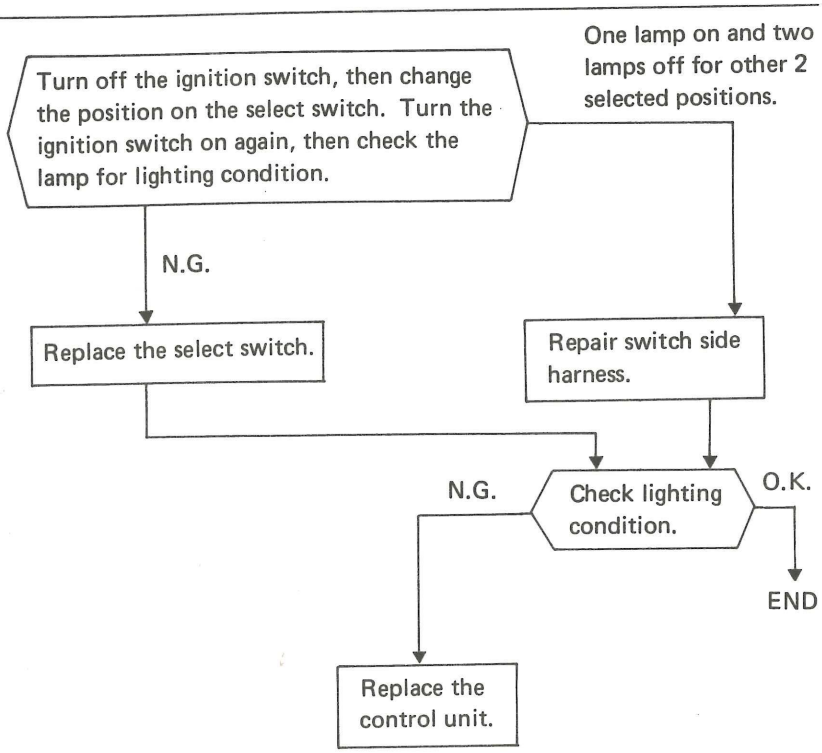
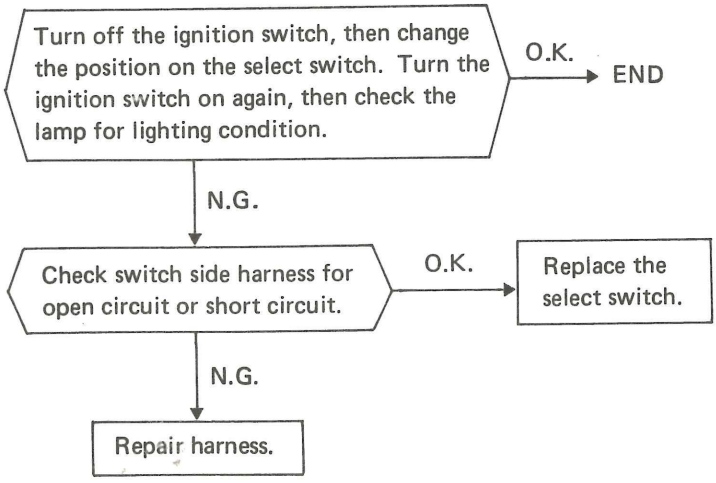
ADJUSTABLE SHOCK ABSORBER

Trouble Diagnoses

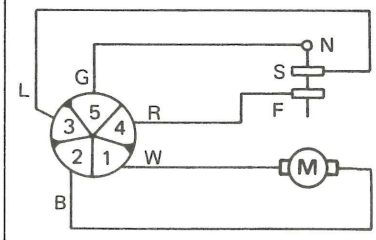
Make sure that connectors are connected properly and that battery is in good condition before starting trouble diagnoses.

No.	Phenomenon on switch	Possible cause	Checking procedure
1	3 lamps all off	• Lamp burnt out • Fuse blown • Harness wire broken • Select switch out of order	
2	2 lamps on	• Switch side harness shorted • Select switch out of order	

Trouble Diagnoses (Cont'd)

No.	Phenomenon on switch	Possible cause	Checking procedure
3	3 lamps all on	• Switch side harness shorted • Select switch out of order • Control unit out of order	
4	3 lamps on and off	• Select switch contact out of order • Open circuit or short circuit is select switch	

Trouble Diagnoses (Cont'd)

No.	Phenomenon on switch	Possible cause	Checking procedure
5	One lamp on and 2 lamps on and off	• Shock absorber damage • Open circuit in sub-harness • Control unit damage • Open circuit in main harness	Turn the select switch to the S position with the ignition key off. Turn the ignition switch on and then turn it off in 2 or 3 seconds. **The motors might not turn to the S position if the ignition key is turned off in less than 2 seconds, and the motors will turn to the N position if the ignition key is turned on for more than 6 seconds.** → Check continuity of the sensor using the sub-harness connector.  Position / Continuity: S — 3 - 5; F — 4 - 5; N — 3 - 5, 4 - 5 N.G. (0 continuity) → Remove the sub-harness. Then check its continuity. N.G. → Replace the sub-harness. O.K. → Replace the shock absorber. O.K. → Check continuity of the control unit using SCHEMATIC. N.G. → Replace the control unit. O.K. → Check continuity of the main harness and the body harness using WIRING DIAGRAM. N.G. → Repair the main harness or the body harness. O.K. → Repeat the above procedure setting the select switch to the N or F position.