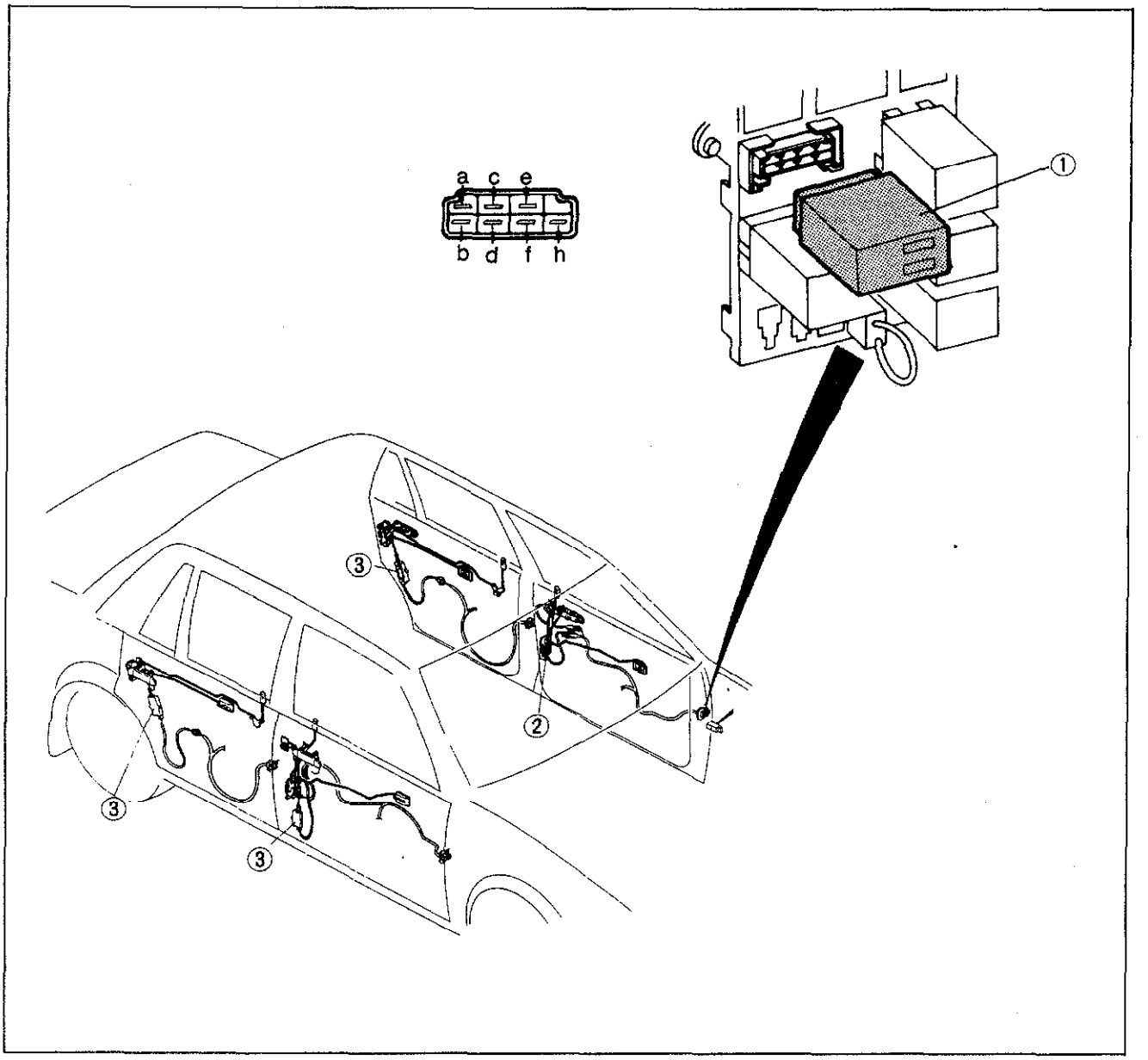
POWER DOOR LOCK

STRUCTURAL VIEW



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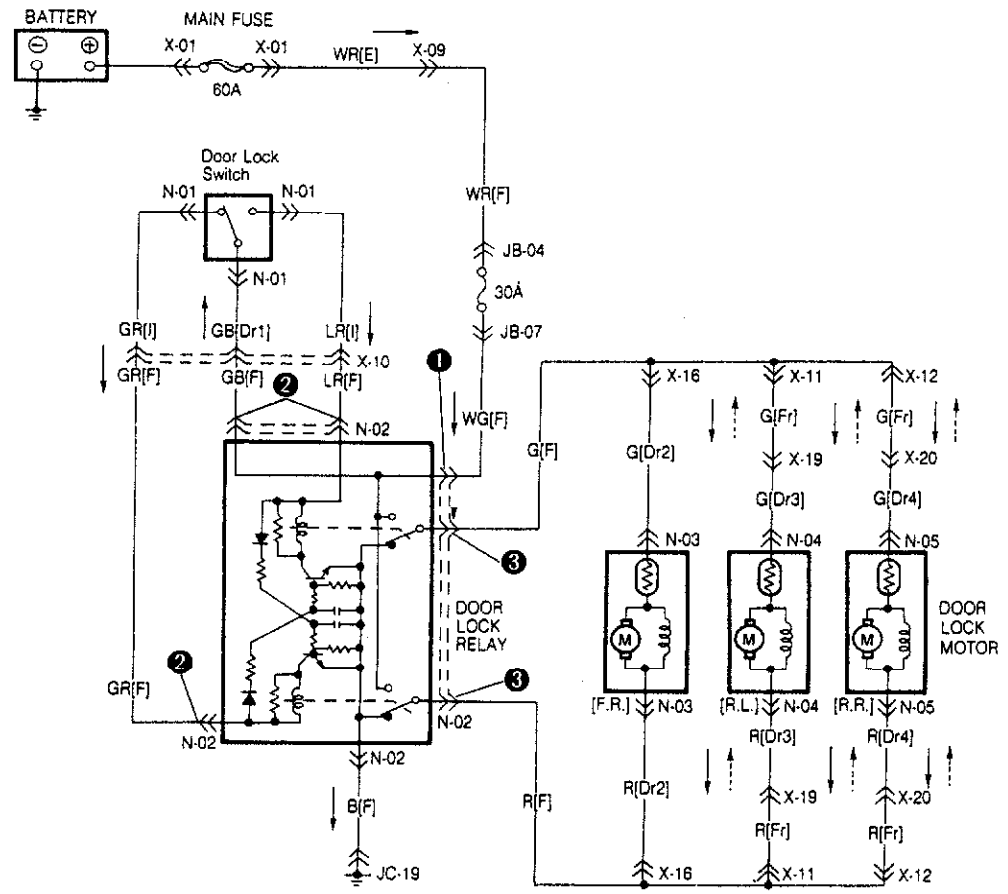
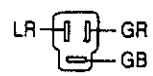
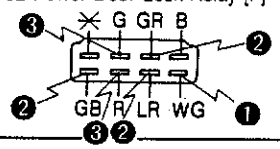
1. Door lock relay
2. Door lock switch
3. Door lock actuator

CIRCUIT DIAGRAM



N-01 Power Door Lock Switch [Dr1] 	N-02 Power Door Lock Relay [F] 	N-03 Power Door Lock Motor F.R. [Dr2] 	N-04 Power Door Lock Motor R.L. [Dr3] 
N-05 Power Door Lock Motor R.R. [Dr4] 			

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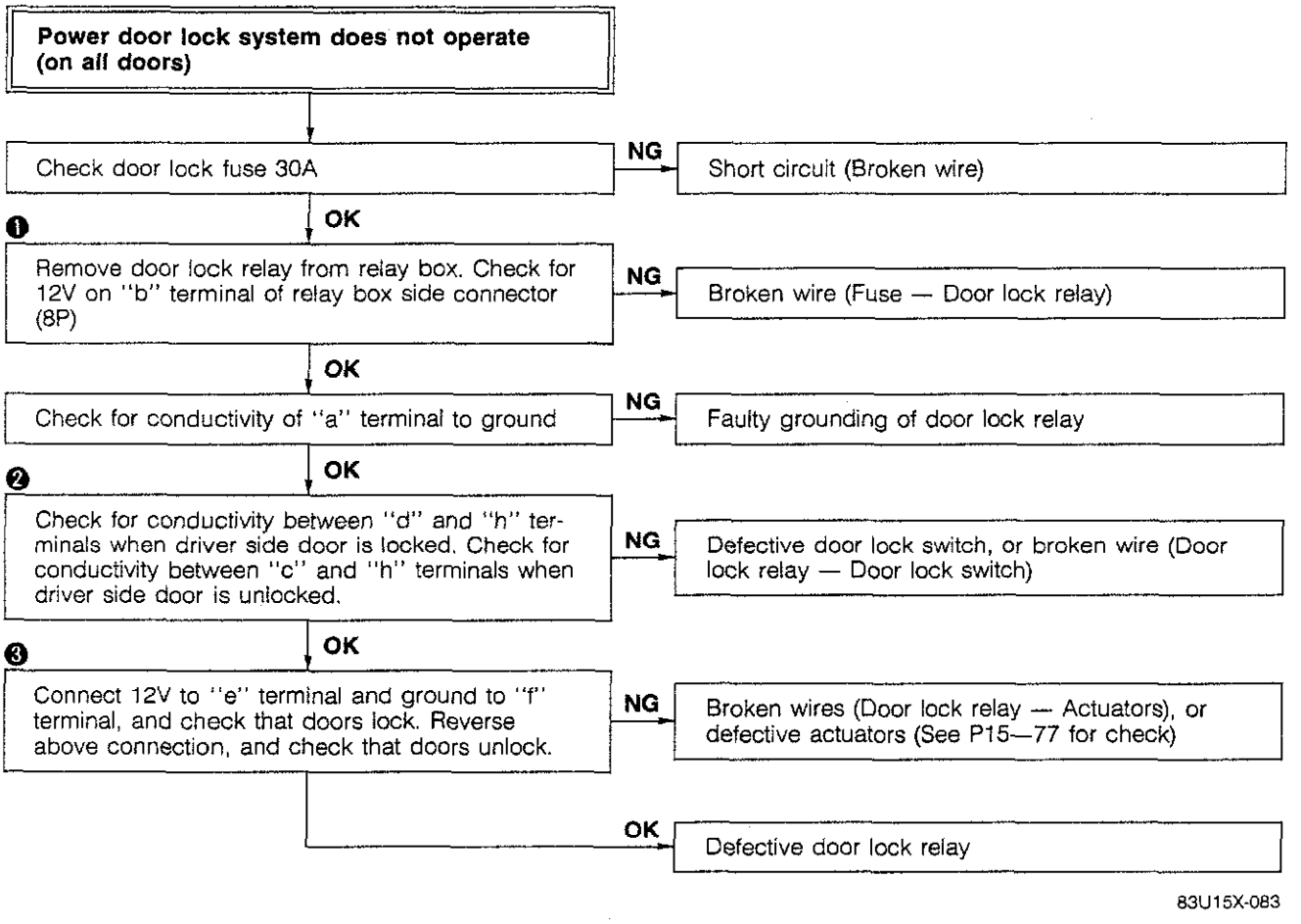
TROUBLESHOOTING



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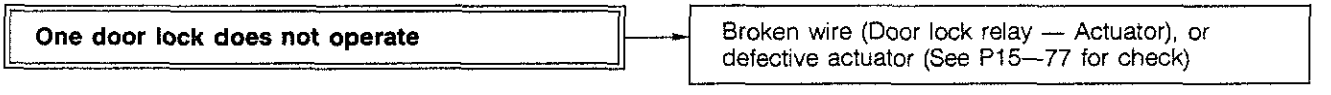

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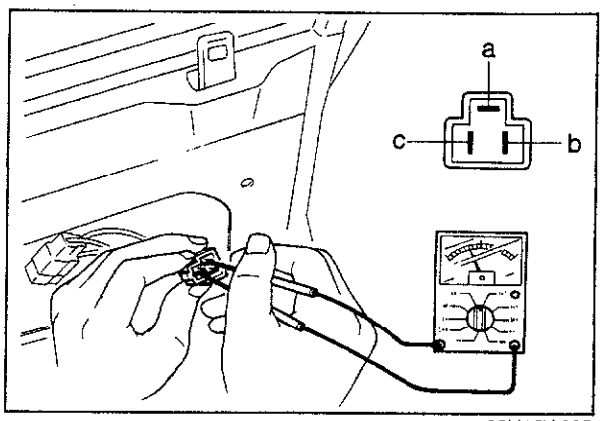

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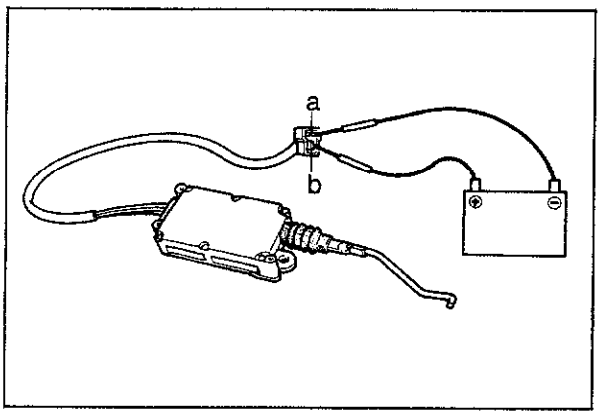
INSPECTION

Door Lock Switch

Check for conductivity between the terminals.

	a	b	c
Locked	○	○	
Unlocked	○		○

○—○ : Indicates conductive



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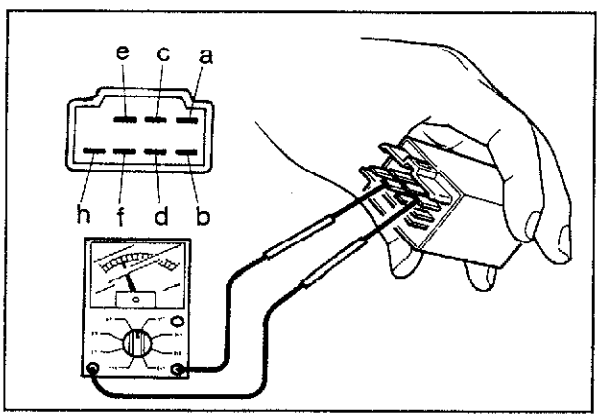
Actuator

1. Connect the 12V to the "b" terminal and the ground to the "a" terminal, and check that the actuator locks.
2. Reverse the above connections, and check that the actuator unlocks.



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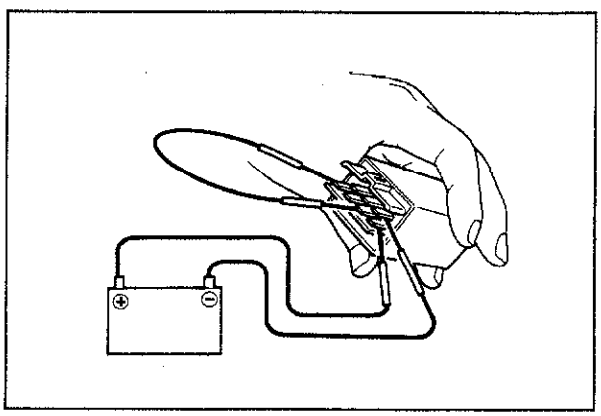
Door Lock Timer Unit

1. Check the conductivity between the terminals.

Terminals	Conductivity	Terminals	Conductivity	Terminals	Conductivity
a—b	X	b—d	X	c—h	X
a—c	○	b—e	X	d—e	○
a—d	○	b—f	X	d—f	○
a—e	○	b—h	○	d—h	X
a—f	○	c—d	○	e—f	○
a—h	X	c—e	○	e—h	○
b—c	X	c—f	○	f—h	X

○...Conductive, X...Non-conductive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Note

a) Set the tester to x1000Ω range.

b) Conductive includes the state with resistance, and Non-conductive means insulated.

2. Connect the 12V to the "b" terminal and the ground to the "a" terminal. Then, short circuit the "h" and "d" terminals between the "h" and "c" terminals, and check that the relay clicks.