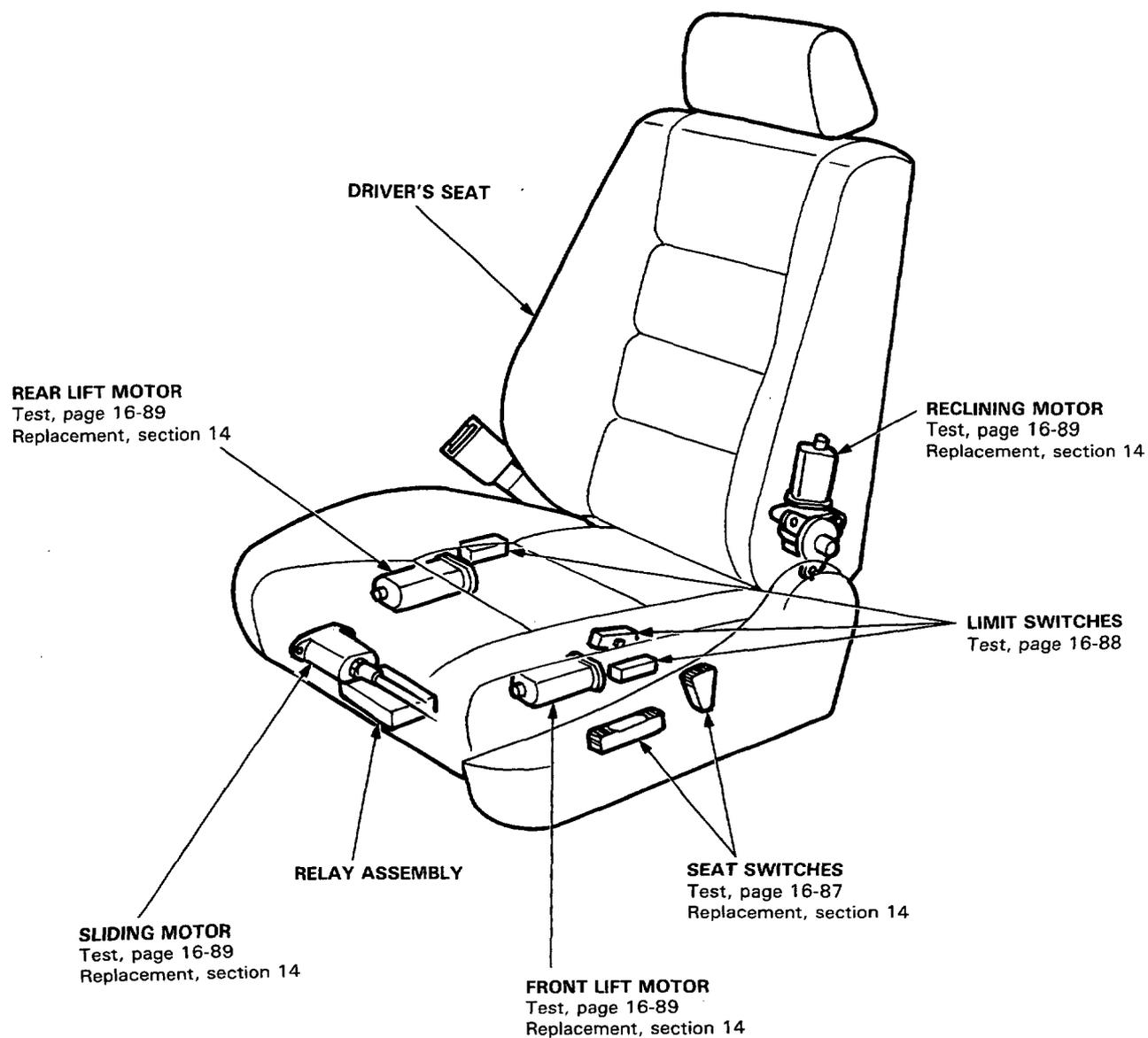




Power Seat (Driver's Seat: Except KQ and KY models)

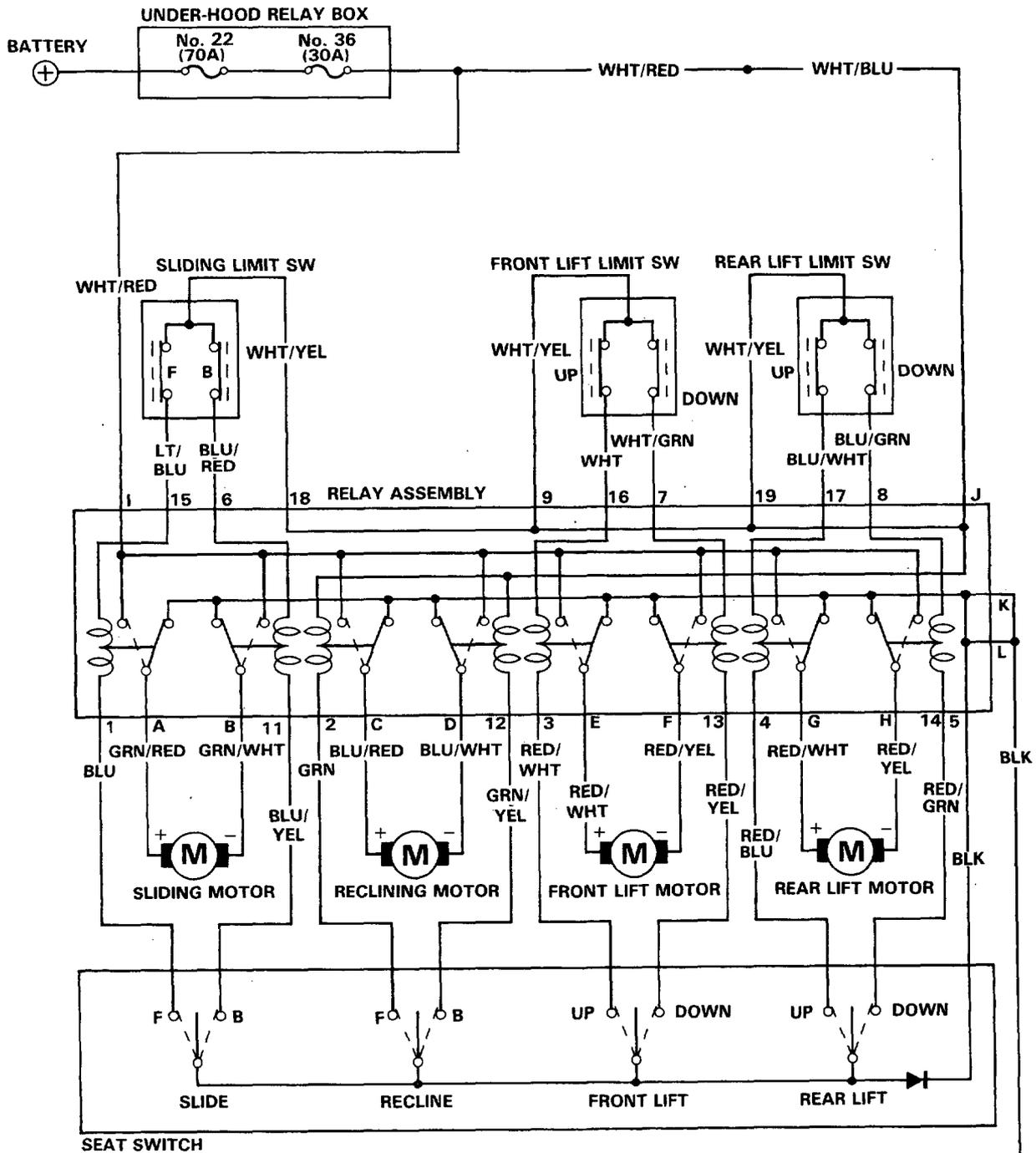
Component Location Index

* The figure shows LHD. KE model is symmetrical to the figure.



Power Seat (Driver's Seat: Except KO and KY models)

Circuit Diagram

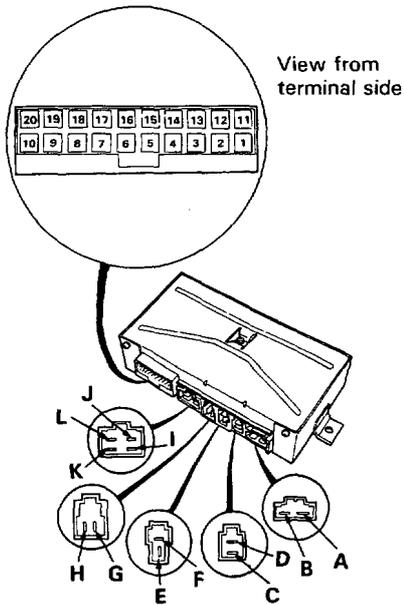


F: FORWARD
B: BACKWARD

G301
G302



Relay Assembly Terminals



Terminal wire

1	BLU	Slide switch (Forward)
2	GRN	Rec line switch (Forward)
3	RED/WHT	Front lift switch (UP)
4	RED/BLU	Rear lift switch (UP)
5	BLK	Ground
6	BLU/RED	Limit switch for slide (Backward)
7	WHT/GRN	Limit switch for front lift (Down)
8	BLU/GRN	Limit switch for rear lift (Down)
9	WHT/YEL	Limit switch common
10		
11	BLU/YEL	Slide switch (Backward)
12	GRN/YEL	Recline switch (Backward)
13	RED/YEL	Front lift switch (Down)
14	RED/GRN	Rear lift switch (Down)
15	LT BLU	Limit switch for slide (Forward)
16	WHT	Limit switch for front lift (UP)
17	BLU/WHT	Limit switch for rear lift (UP)
18	WHT/YEL	Limit switch common
19	WHT/YEL	Limit switch common
20		
A	GRN/RED	Slide motor (+)
B	GRN/WHT	Slide motor (-)
C	BLU/RED	Reclining motor (+)
D	BLU/WHT	Reclining motor (-)
E	RED/WHT	Front lift motor (+)
F	RED/YEL	Front lift motor (-)
G	RED/WHT	Rear lift motor (+)
H	RED/YEL	Rear lift motor (-)
I	WHT/RED	+ B (30A)
J	WHT/BLU	+ B (30A)
K	BLK	Ground
L	BLK	Ground

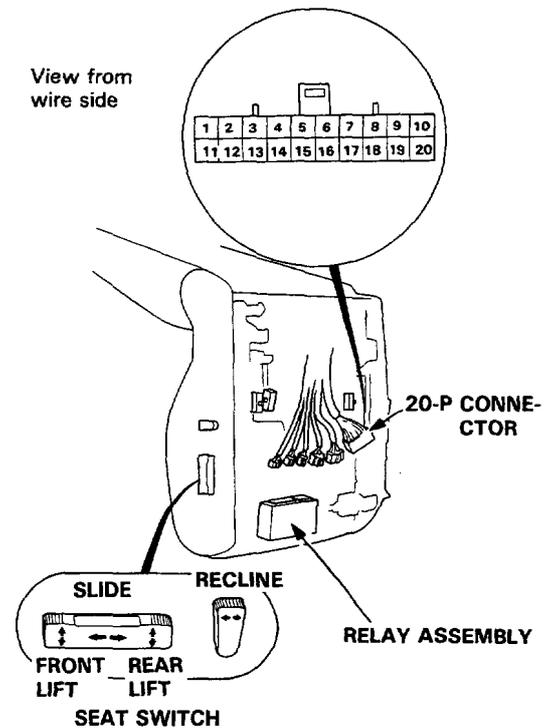
Seat Switch Test

CAUTION: Be careful not to damage the seats, the interior trims or the body.

1. Remove the driver's seat, then disconnect the 20-P connector from the relay assembly.
2. Check for continuity between the terminals in each switch position according to the table.

Terminal Position		1	11	2	12	3	13	4	14	5
SLIDE	FORWARD	○								○
	BACKWARD		○							○
RECLINE	FORWARD			○						○
	BACKWARD				○					○
FRONT LIFT	UP					○				○
	DOWN						○			○
REAR LIFT	UP							○		○
	DOWN								○	○

View from wire side

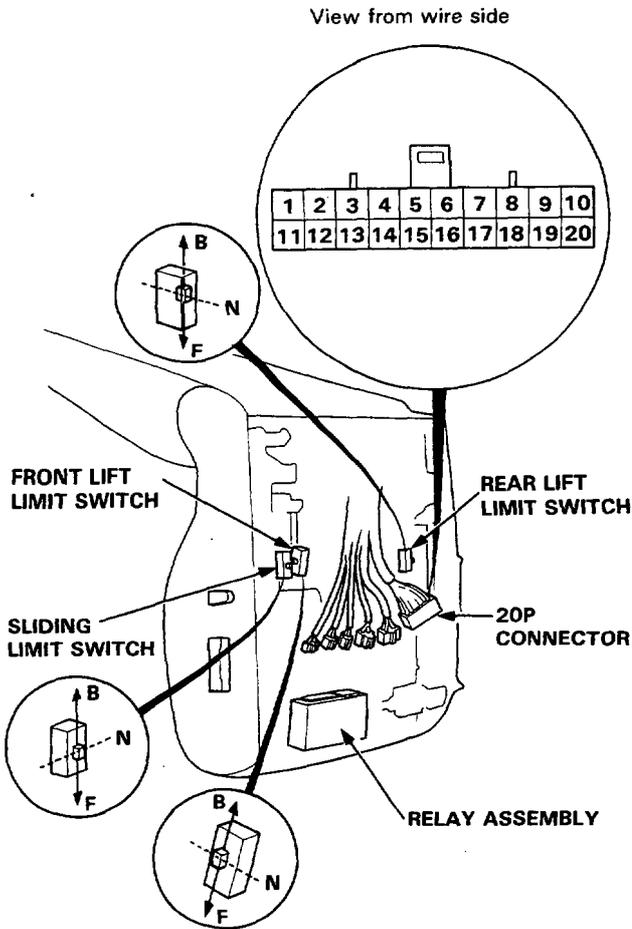


Power Seat (Driver's Seat: Except KQ and KY models)

Limit Switch Test

CAUTION: Be careful not to damage the seats, the interior trims or the body.

1. Remove the driver's seat, then disconnect the 20-P connector from the relay assembly.
2. Check for continuity between the terminals in each switch position according to the table.



SLIDING LIMIT SWITCH

POSITION	TERMINAL	15	18	6
F		○	○	
NEUTRAL		○	○	○
B			○	○

FRONT LIFT LIMIT SWITCH

POSITION	TERMINAL	16	9	7
F		○	○	
NEUTRAL		○	○	○
B			○	○

REAR LIFT LIMIT SWITCH

POSITION	TERMINAL	17	19	8
F			○	○
NEUTRAL		○	○	○
B		○	○	

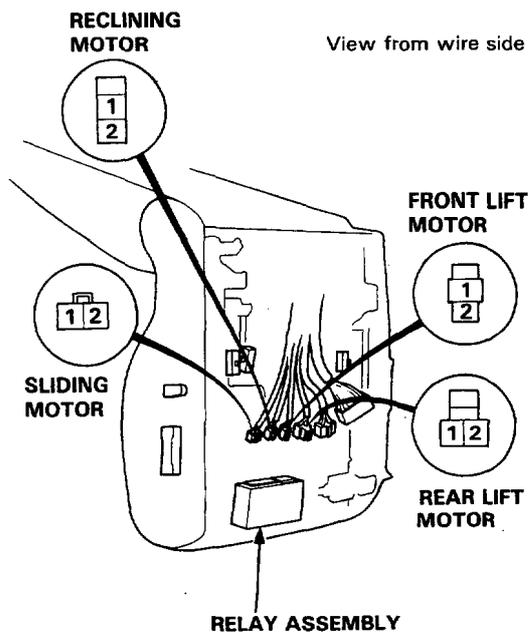
NOTE: At fully pushed F and B position, there should be no continuity among above terminals.



Motor Test

CAUTION: Be careful not to damage the seats, the interior trims or the body.

1. Remove the driver's seat, then disconnect the 2-P connector from the relay assembly.



2. Test motor operation:

CAUTION: When a motor stops running, disconnect a battery terminal immediately.

FORWARD

SLIDING: Connect battery positive to the No.2 terminal and negative to No.1 terminal.

BACKWARD

SLIDING: Connect battery positive to the No.1 terminal and negative to the No.2 terminal.

FORWARD

RECLINE: Connect battery positive to the No.2 terminal and negative to the No.1 terminal.

BACKWARD

RECLINE: Connect battery positive to the No.1 terminal and negative to the No.2 terminal.

FRONT

LIFT (UP): Connect battery positive to the No.2 terminal and negative to the No.1 terminal.

FRONT

LIFT (DOWN): Connect battery positive to the No.1 terminal and negative to the No.2 terminal.

REAR

LIFT (UP): Connect battery positive to the No.2 terminal and negative to the No.1 terminal.

REAR

LIFT (DOWN): Connect battery positive to the No.1 terminal and negative to the No.2 terminal.

NOTE: When a motor does not run, reverse the battery terminal connection. If the motor still does not run, the motor or the wire harness is defective.