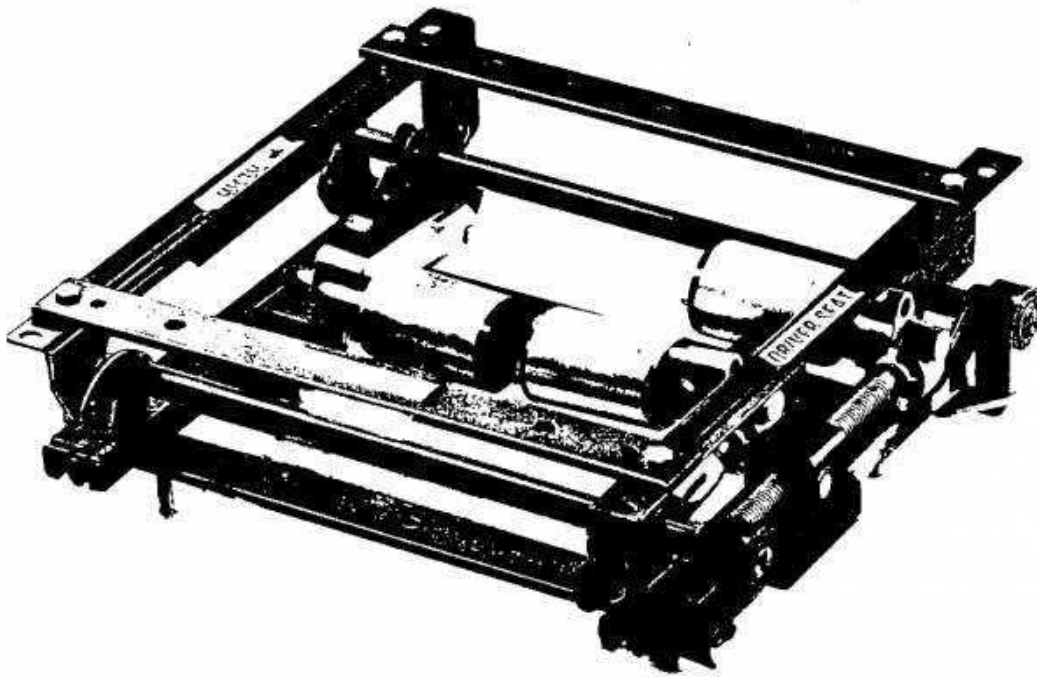

6-Way POWER SEAT MECHANISM



Owner / Installation Manual

B & L INDUSTRIES

2700 saturn Ave., Brea, Ca. 92621

ENGINEERING SPECIFICATIONS

The Electric 6way Seat Adjuster on your vehicle has been Precision Manufactured for your convenience. It was especially designed for its present application and as you have noticed is quick and silent. This unit gives you 6 inches of horizontal adjustment with ½ inches of vertical adjustment both front and rear. It has a corrosion resistant finish for long life. Also, a special designed electrical circuit for its protection. If at any time your adjuster stops working, let up on the control switch for 1 to 2 seconds, the circuit will reset allowing the adjuster to continue.

B & L wishes you many happy hours of motoring.

PHYSICAL DESCRIPTION

Minimum Height	3½ inches
Length	15¼ inches
Width	15½ inches
Weight	18 lbs
Power	12 VDC/10 AMPS (30 AMPS STALL)

INSTALLATION INSTRUCTIONS

Step 1: Mount the power seat unit to the bottom of seat using (4) 5/16 bolts, nuts and lock washers.

ATTENTION: Be sure that power seat unit is in the proper direction according to the label on top of the power seat unit. (Rear-Front)

Step 2: Mount seat switch (Part #DI-31) on the:

- (1) Right side of seat for driver
- (2) Left side of seat for passenger

See figure A, Pg. 2

NOTE: Seat switch mounting bracket is available (part #DI-30). Refer to parts diagram pg. 5

Step 3: The pedestal upon which the seat and power seat unit will attach, must be lowered by 4¼ inches to compensate for the height of the power seat unit. If this is not possible, a pedestal of proper size may be ordered through B & L Industries.

Note: The bolt pattern on the power seat unit matches standard (8 X 11) inch dimensions.

Step 4: Mount seat and attach power seat unit to the pedestal. Use appropriate bolts.

Step 5: Plug in wiring harness with rectangular shaped plastic terminal to back of seat switch. **NOTE:** Wiring harness position in figure B, pg. 4

Step 6: Run automotive copper, insulated, stranded 10 gauge wire from the + 12 VDC terminal of the battery to the red wire on the wiring harness. Next attach the black wire from the wiring harness to a solid chassis ground. This may require an extra length of wire.

NOTE: Be sure to give enough service loop to ensure full adjustment and swivel. Do not attach safety belts to seat. Safety belts should be attached to seat pedestal or floor. Feed seat belts through back of seat cushion. Seat belt attachments for pedestal may be purchased from B & L Industries.

TESTING

ATTENTION: The power seat unit must have someone sitting in the seat to operate properly.

Step 1: Test the linear (back-forth) motor by pushing the middle toggle on the power seat switch forward and then backward. The power seat unit should move in the same direction. If not, refer to trouble shooting section, Pg. 3

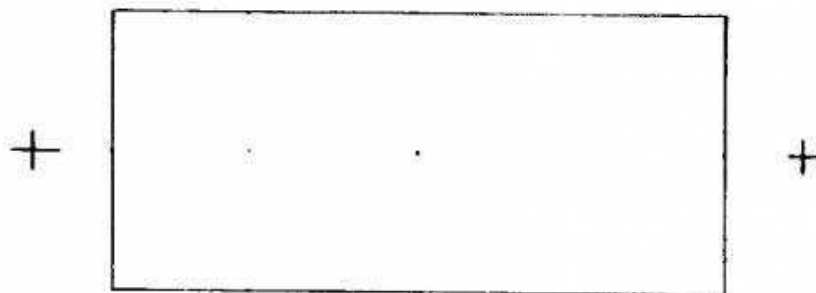
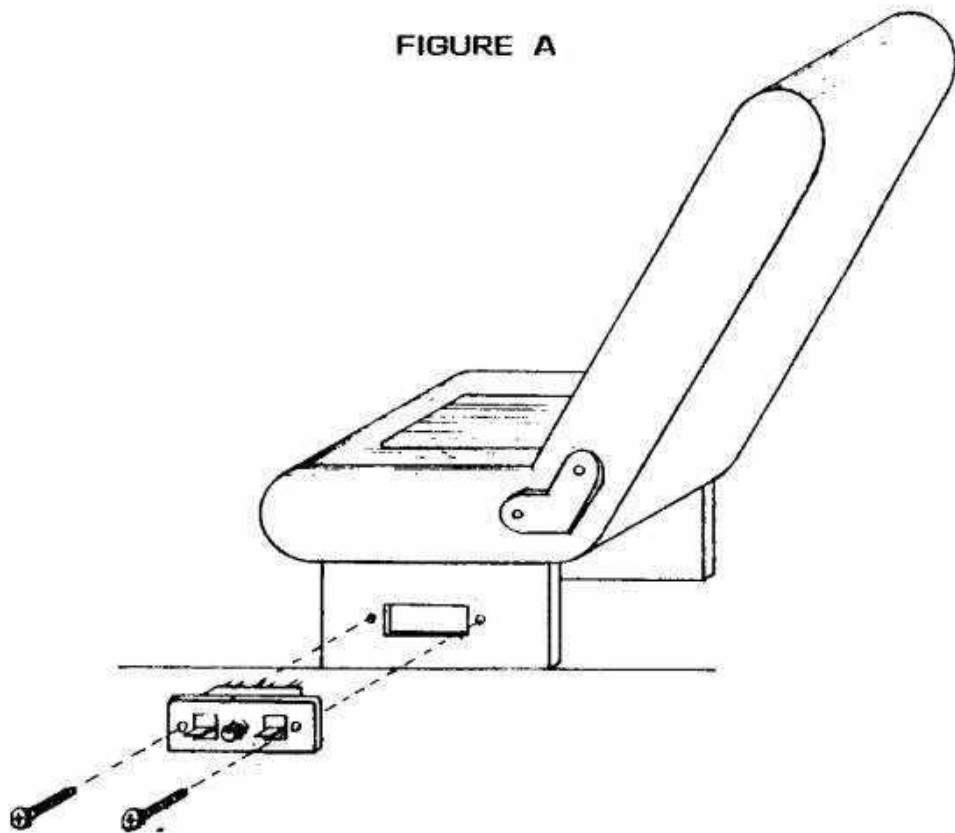
Step 2: Next press the front button on the power seat switch either up or down. The front elevator motor should be activated, moving the seat mechanism in the same direction.

Step 3: Test the rear switch in the same manner as the front switch, it should respond in the same way.

Step 4: To activate both elevator motors simultaneously press the middle switch toggle up or down. The power seat should rise or fall in the direction the switch is activated.

ATTENTION: The power seat unit is equipped with (3) circuit breakers located under the rear power seat strap. Refer to parts diagram Pg. 5 Part #DI-35. If these circuit breakers are removed or replaced with any other type of fuse or breaker other than a Tung Sol C-1220 (20 amp) circuit breaker, supplied by the manufacturer, warranty will be VOID. These circuit breakers are a safety feature to prevent damage to the motors.

FIGURE A



SEAT SWITCH TEMPLATE

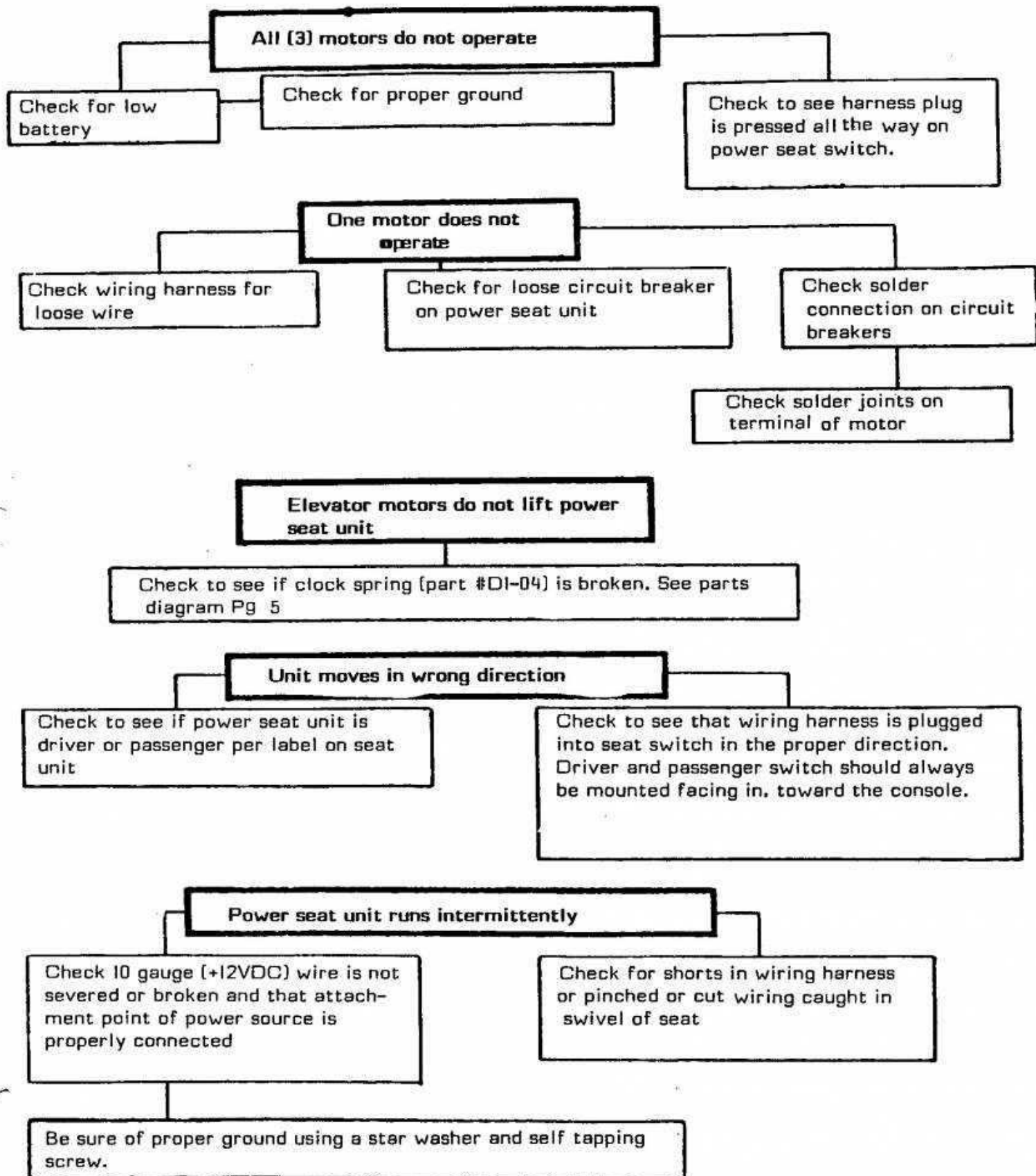
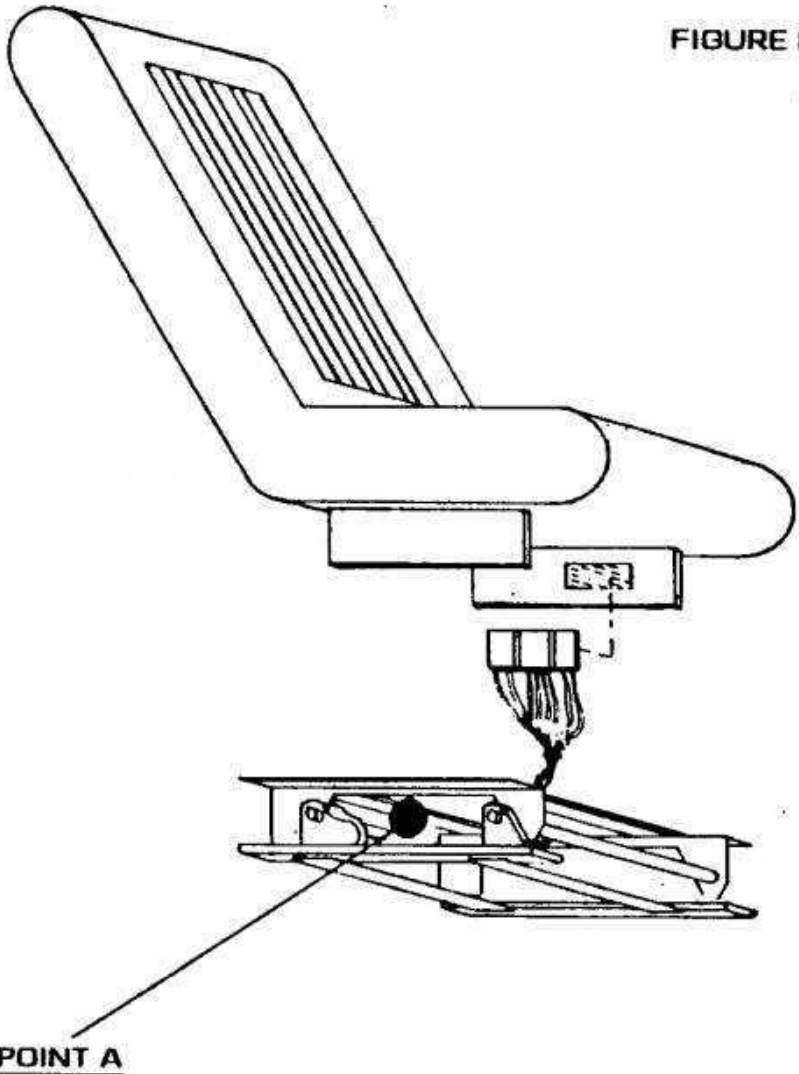
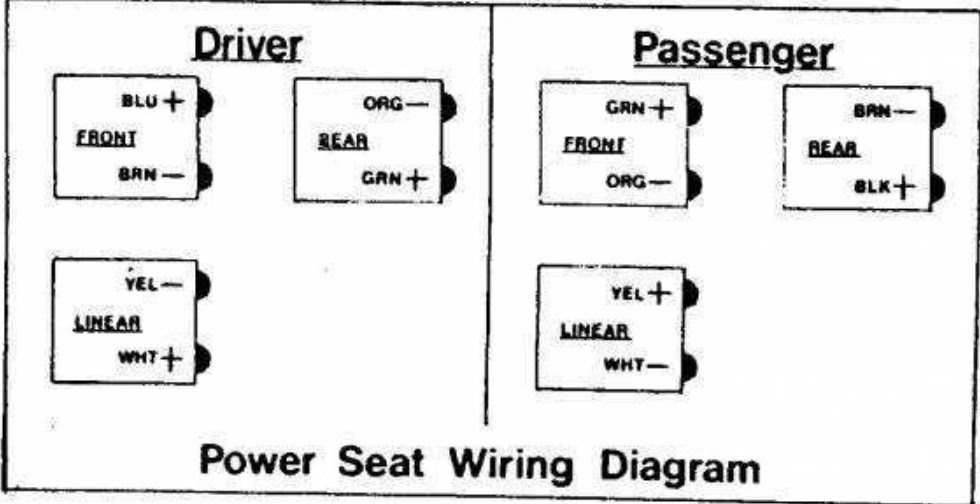


FIGURE B

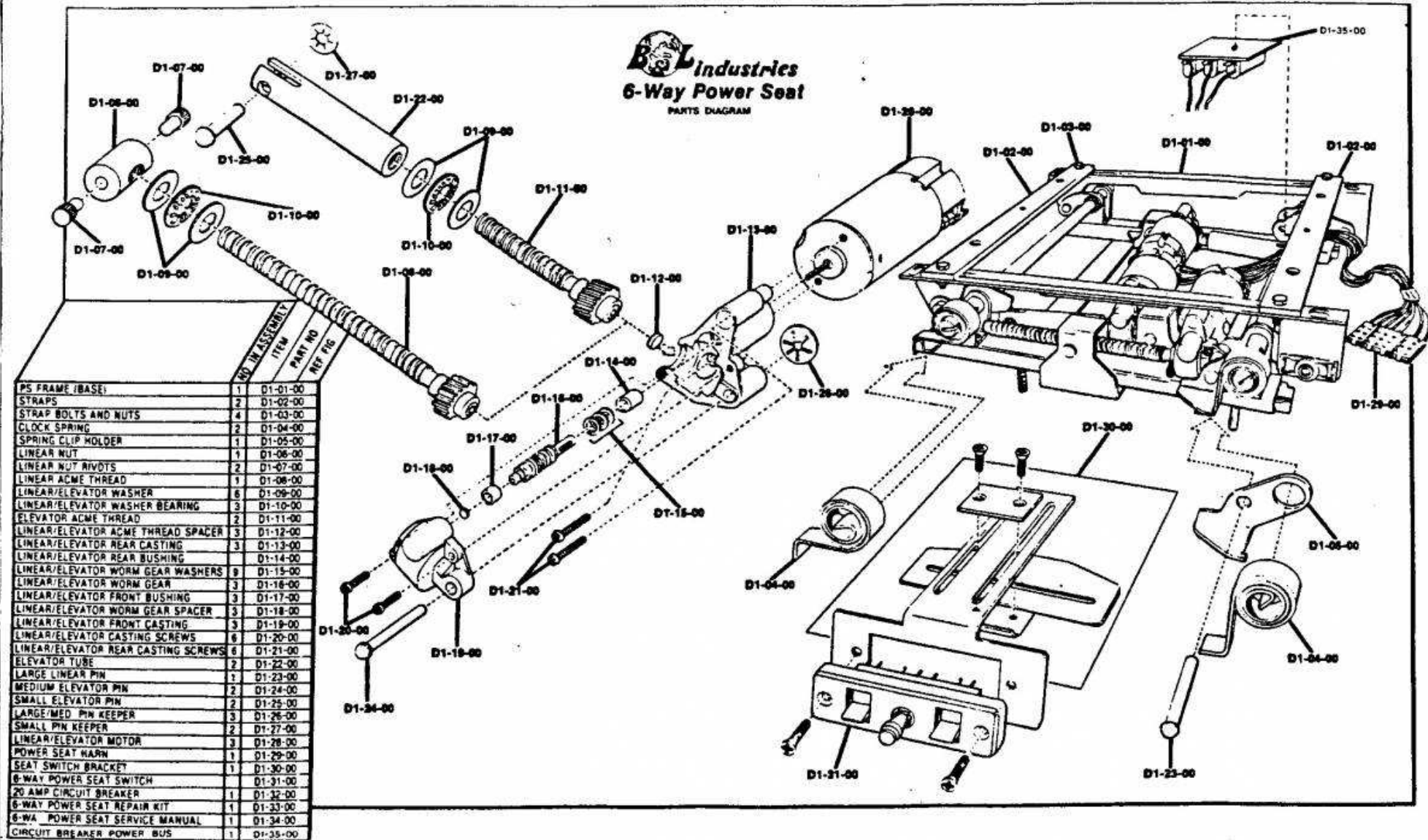


Avoid harness being cut by power seat mechanism when activated in up and down axis. Power seat harness should not go between seat glides or top of seat rail. See point A of figure B. Harness should be run around out side of mechanism, not inside.

FIGURE C



Bob Industries
6-Way Power Seat
 PARTS DIAGRAM



NO	IN ASSEMBLY	ITEM	PART NO	REF FIG
1		PS FRAME (BASE)	D1-01-00	
2		STRAPS	D1-02-00	
4		STRAP BOLTS AND NUTS	D1-03-00	
2		CLOCK SPRING	D1-04-00	
1		SPRING CLIP HOLDER	D1-05-00	
1		LINEAR NUT	D1-06-00	
2		LINEAR NUT RIVETS	D1-07-00	
1		LINEAR ACME THREAD	D1-08-00	
6		LINEAR/ELEVATOR WASHER	D1-09-00	
3		LINEAR/ELEVATOR WASHER BEARING	D1-10-00	
2		ELEVATOR ACME THREAD	D1-11-00	
3		LINEAR/ELEVATOR ACME THREAD SPACER	D1-12-00	
3		LINEAR/ELEVATOR REAR CASTING	D1-13-00	
3		LINEAR/ELEVATOR REAR BUSHING	D1-14-00	
9		LINEAR/ELEVATOR WORM GEAR WASHERS	D1-15-00	
3		LINEAR/ELEVATOR WORM GEAR	D1-16-00	
3		LINEAR/ELEVATOR FRONT BUSHING	D1-17-00	
3		LINEAR/ELEVATOR WORM GEAR SPACER	D1-18-00	
3		LINEAR/ELEVATOR FRONT CASTING	D1-19-00	
6		LINEAR/ELEVATOR CASTING SCREWS	D1-20-00	
6		LINEAR/ELEVATOR REAR CASTING SCREWS	D1-21-00	
2		ELEVATOR TUBE	D1-22-00	
1		LARGE LINEAR PIN	D1-23-00	
2		MEDIUM ELEVATOR PIN	D1-24-00	
2		SMALL ELEVATOR PIN	D1-25-00	
3		LARGE/MED PIN KEEPER	D1-26-00	
2		SMALL PIN KEEPER	D1-27-00	
3		LINEAR/ELEVATOR MOTOR	D1-28-00	
1		POWER SEAT HARNESS	D1-29-00	
1		SEAT SWITCH BRACKET	D1-30-00	
1		6-WAY POWER SEAT SWITCH	D1-31-00	
1		20 AMP CIRCUIT BREAKER	D1-32-00	
1		6-WAY POWER SEAT REPAIR KIT	D1-33-00	
1		6-WAY POWER SEAT SERVICE MANUAL	D1-34-00	
1		CIRCUIT BREAKER POWER BUS	D1-35-00	