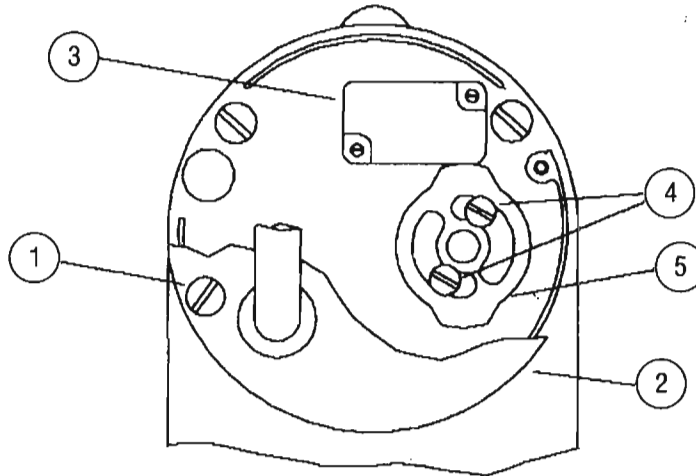


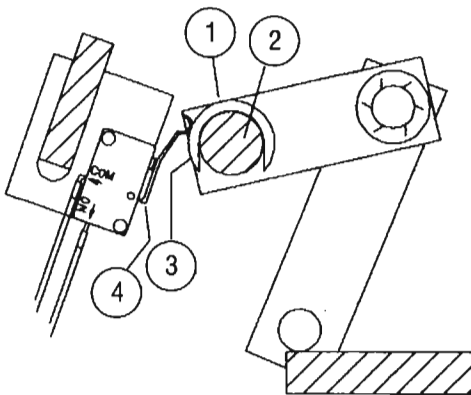
LIMIT SWITCH ADJUSTMENT — BACK



An adjustment of the lower limit will cause a similar change in the upper limit. Make any needed lower limit changes first.

1. If adjustment of the lower limit is needed, follow steps 1, 3, and 4 of "Upper Motor Removal". Swing the motor down so the Nut is free. Run the motor down until the lower limit shuts off (The cam for the lower limit cannot be adjusted). Hold the Drive Screw and rotate the Drive Nut by hand so it lines up with the Torsion Rod Arms when the Backrest is in the desired position. Re-install the Retainer Pins (#14) and the Set Screw (#15).
2. If adjustment of the upper limit is needed, run the Backrest to the desired height and disconnect the Power Cord. Remove both Gear Box Cover Screws (#1) and lift off the Gear Box Cover (#2), exposing the Limit Switch (#3). Loosen the two Cam Screws (#4) and turn the Cam (#5) until the Limit Switch clicks. Retighten the Cam Screws (#4). Be sure to reposition the Gear Box Cover before testing the new Limit Switch setting. Cam will be loose without the cover and cannot give accurate shut off.

OPTIONAL AUTO POSITION ADJUSTMENT — BACK



1. Lower Backrest to desired position.
2. Locate Cam (#1) on the left side of Torsion Rod Assembly (#2). Loosen both Set Screws (#3) on the Cam. Rotate the Cam until the Switch Lever (#4) comes off the Cam and allows the switch to open, listen for the click.
3. Retighten the Set Screws (#3).
4. Operate Auto Position switch, on top of the Control Panel, to check the setting and proper operation of Backrest. Fine adjust if necessary.