

UPPER BACK PANEL LIMIT SWITCH INSTALLATION AND ADJUSTMENT

Note: Baker's Auto has gone to great lengths to improve the components of this switch. It has been thoroughly inspected and tested before delivery. Please ask any questions before installation. Damaged caused by improper installation or adjustment is not covered under warranty.

1. Before mounting the Upper Back Panel Limit Switch, have the panel positioned midway between full up and full down. You may need to power the motor directly from a 12V source or extended length jumper wires. DO NOT POWER THE MOTOR DIRECTLY AFTER THE SWITCH IS INSTALLED, YOU WILL DESTROY THE SWITCH.
2. Note the "D" shaped nub at the end of the geardrive shaft. Note the "D" shaped broach in the center of the limit switch. Using a small screwdriver in the slot on the opposite side of the switch center, carefully rotate the center so that the nub and broach align (the center will rotate freely, do not force it against its stops). The switch should mount easily to the geardrive (don't over tighten the mounting hardware). THIS IS THE ONLY TIME THE SLOT IN THE SWITCH CENTER IS TO BE USED, EVER. IF YOU ROTATE THE CENTER WHILE THE LIMIT SWITCH IS ATTACHED TO THE GEARDRIVE, YOU WILL DESTROY IT!
3. Plug in all of the plugs for the wiring harnesses and the motor.
4. Adjustment of the switch is accomplished by rotating the outer sleeves of the switch (the round parts with the wires riveted). There are 2 separate adjustments: The **driver's** half of the switch controls the limit when the panel is raised; the **passenger's** half controls the limit when the panel is lowered.

5. ADJUSTMENTS FOR PANEL RAISED: Using the convertible top switch, raise the panel.

-If the panel aligns perfectly with the trunk lid and the convertible top unlocks from the windshield, you are done, no further adjustments are necessary to the driver's half of the switch.

-If the panel is left "hanging" (not fully raised), AND the top still unlocks from the windshield, you need to adjust the driver's half of the switch. Locate the $\frac{1}{4}$ inch bolt towards the top of the switch, mounted in a slot (again, we are working only with the **driver's half of the switch**). Loosen this $\frac{1}{4}$ inch bolt, and rotate the outer ring so that the top of the ring moves towards the rear of the car (a small adjustment of $1/8$ of an inch has a great effect as you are working at the pivot point). Lightly snug the $\frac{1}{4}$ bolt, DO NOT OVERTIGHTEN. Using the top switch, raise the panel and determine if you are satisfied with the fit. If not, repeat the procedure.

-If the panel raises fully BUT the convertible top does not unlock from the windshield, you need to adjust the **driver's half of the switch**. Locate the $\frac{1}{4}$ inch bolt towards the top of the switch, mounted in a slot (again, we are working only with the **driver's half of the switch**). Loosen this $\frac{1}{4}$ bolt and rotate the outer ring so that the top of the ring moves towards the front of the car. Lightly snug the $\frac{1}{4}$ bolt, DO NOT OVERTIGHTEN. Using the top switch, raise the panel and determine if you are satisfied with the fit. If not, repeat the procedure.

6. ADJUSTMENTS FOR PANEL LOWERED: Using the convertible top switch, lower the panel.

-If the panel touches its rubber stops and the trunk lid closes and locks, you are done, no further adjustments are necessary to the passenger's half of the switch.

-If the panel DOES NOT meet its rubber stops AND the trunk lid proceeds to close and lock you need to adjust the **passenger's half of the switch**. Locate the $\frac{1}{4}$ inch bolt towards the top of the switch, mounted in a slot (again, we are working only with the **passenger's half of the switch**). Loosen this $\frac{1}{4}$ inch bolt and rotate the outer ring so that the top of the ring moves towards the front of the car (a small adjustment of $1/8$ of an inch has a great effect as you are working at the pivot point). Lightly snug the $\frac{1}{4}$ bolt, DO NOT OVERTIGHTEN. Using the top switch, lower the panel and determine if you are satisfied with the fit. If not, repeat the procedure.

-If the panel meets its rubber stops BUT the trunk lid does not close you need to adjust the **passenger's half of the switch**. Locate the $\frac{1}{4}$ inch bolt towards the top of the switch, mounted in a slot (again, we are working only with the **passenger's half of the switch**). Loosen this $\frac{1}{4}$ bolt and rotate the outer ring so that the top of the ring moves towards the rear of the car. Lightly snug the $\frac{1}{4}$ bolt, DO NOT OVERTIGHTEN. Using the top switch, lower the panel and determine if you are satisfied with the fit. If not, repeat the procedure.

Keep in mind that a worn or loose upper back panel geardrive will not allow you to keep reliable adjustments. If worn, the geardrive should be rebuilt before attempting to adjust the Upper Back Panel Limit Switch.

Remember, we are here to help. We have over 30 years experience with Lincoln convertible tops we want to see you get this right the first time. Please call our tech support line at (860) 928-7614 if you have any questions.

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