

SECTION 7-D FOLDING TOP ADJUSTMENTS

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7-7 DESCRIPTION

The folding top linkage consists of three sections of right and left side roof rails and a front roof rail connected by bolts, hinges, and a series of connecting links and bows. The top linkage is attached to the body at the rear quarter area by a male hinge bolted to an adjustable support. The front roof rail is locked at the windshield header by two hook type locks which are an integral part of the two locking handles.

The following information outlines and illustrates procedures which may be used to correct misaligned folding top linkage. To correct some top variations, only a single adjustment is required; other top variations require a combination of adjustments. In conjunction with adjustment of the folding top, it may be necessary to adjust the door, door glass, rear quarter glass, trim sticks or side roof rail weatherstrips.

7-8 TOP ADJUSTMENTS

a. Adjustment of Top at Front Roof Rail Corner Brace

If the top, when in a raised position, is too far forward or does not move forward enough to allow the guide studs on the front roof rail to enter holes in the striker assemblies, proceed as follows:

1. Unlatch top and raise it above windshield header. Remove side roof rail weatherstrip front attaching screws.

2. Loosen corner brace attaching bolts (Figure 7-18) and adjust front roof rail fore or aft as required. Repeat on opposite side if necessary.

NOTE: This adjustment is limited. If additional adjustment is required, it can be made at the folding top male hinge.

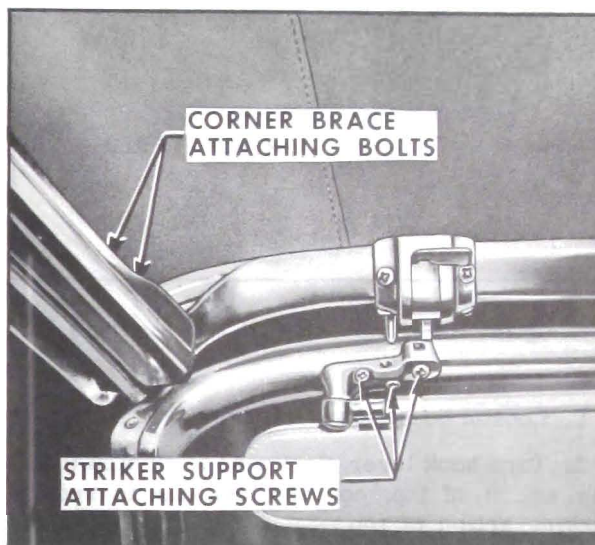


Figure 7-18—Front Roof Rail Adjustment

3. When front roof rail corner brace is properly adjusted, tighten attaching bolts and reinstall side roof rail front weatherstrip attaching screws. Check forward section of weatherstrip and reseal if necessary.

b. Adjustment of Top at Sunshade and Striker Support Assembly

If a difficult locking action, caused by misalignment of the sunshade and striker support assembly is encountered at the front roof rail or if a closer fit of the front roof rail to windshield header is desired, proceed as follows:

1. Unlatch top and raise it above windshield header.

2. Loosen striker support attaching screws (Figure 7-18) and adjust striker as required; then tighten attaching screws.

If after adjusting the striker support, the locking action of top is still unsatisfactory, the hook lever on the front roof rail lock assembly may be adjusted as follows:

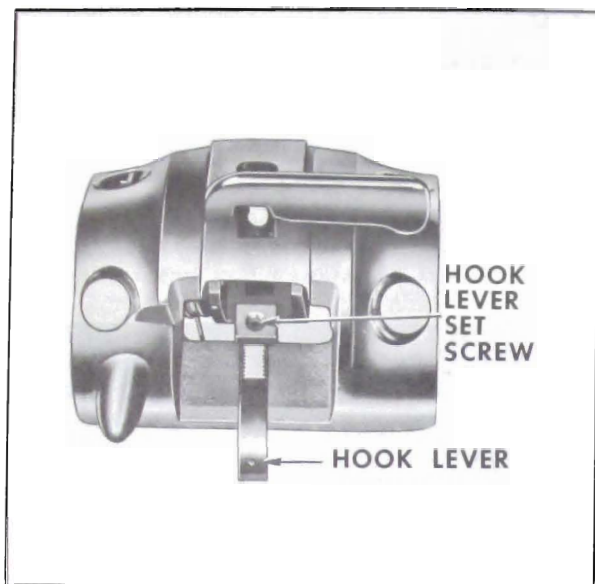


Figure 7-19—Front Roof Rail Lock Assembly

1. Loosen hook lever set screw (Figure 7-19).
2. Turn hook lever clockwise to tighten locking action of top, counterclockwise to reduce locking action of top.
3. After desired locking action has been obtained, tighten hook lever set screw.

c. Adjustment of Top Control Link Adjusting Plate

1. With top in up position, if joint between front and center side roof rail is too high or too low, proceed as follows:
 - a. Remove folding top compartment side trim panel and loosen two bolts securing control link adjusting plate (Figure 7-20) sufficiently to permit adjustment of plate.
 - b. Without changing fore and aft location of adjusting plate, adjust side roof rail up or down allowing adjusting plate to move up or down over serrations on support as required; then tighten bolts.
2. If top assembly does not stack properly when top is in down position, proceed as follows:
 - a. Loosen bolts securing control link adjusting plate sufficiently to permit adjustment of plate.
 - b. Without changing the up or down location of adjusting plate, move adjusting plate forward

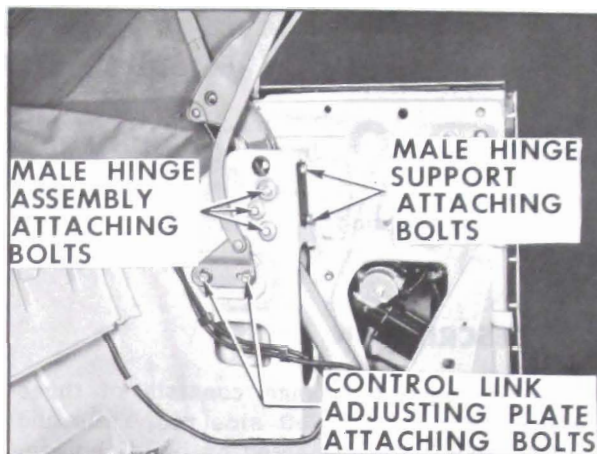


Figure 7-20—Folding Top Adjustment

or rearward (horizontally) over serrations as required to obtain desired height; then tighten bolts.

d. Adjustment of Top at Male Hinge Support

Prior to making any adjustment of top linkage at male hinge, loosen two bolts securing folding top rear quarter trim stick to rear quarter panel. This will prevent any possible damage to top when it is raised after adjustment. After making an adjustment at male hinge, check folding top at rear quarter area for proper fit and, if necessary, adjust trim stick assembly.

1. If there is an excessive opening between side roof rail rear weatherstrip and rear of rear quarter window, or if front roof rail is too far forward or rearward, proceed as follows:
 - a. Loosen three male hinge assembly attaching bolts (Figure 7-20).
 - b. Move hinge fore or aft as required to obtain proper alignment between side roof rail rear weatherstrip and rear quarter window; then tighten bolts.
 - c. Lock front roof rail to windshield (where required, adjust front roof rail corner brace as previously described), and check fit of top material at rear quarter trim stick area. If necessary, adjust trim stick; then tighten trim stick attaching bolts.

2. If side roof rail is too high or too low at rear quarter window area, proceed as follows:

a. Scribe locating mark on top of male hinge and male hinge support to maintain proper fore and aft relation of the two parts.

b. Loosen male hinge assembly attaching bolts and male hinge support front attaching bolts (Figure 7-20).

c. Without changing fore and aft location of male hinge, adjust hinge support up or down

as required to obtain proper alignment between side roof rails and rear quarter windows.

d. Tighten hinge support front attaching bolts, then while maintaining proper alignment of scribe marks on top of hinge, tighten hinge assembly attaching bolts (Figure 7-20).

e. Check fit of top material at rear quarter trim area and, if necessary, adjust trim stick. If adjustment is not necessary, tighten trim stick attaching bolts.