For installation of billet grilles that require cutting of the stock shell, proper tools, knowledge and skill are needed. Carilage Works is not responsible for care & accuracy of the installation, only for Fit & Finish of its products. Use a qualified installer or contact original vendor for references to complete all instructions.

TOOLS REQUIRED:
- Phillips screwdriver
- Masking tape
- Cutting disk or saw
- Grinder
- Sandpaper
- Files
- Drill
- 1/8" Drill bit
- 7 mm socket
- #15 Torx

STEP 1 Remove parking lights, remove the grille. There are four 7 mm screws across the top and one screw at the upper center.

STEP 2 To release the grille shell, reach in the parking light holes and pull up on the plastic clips holding the corners of the shell.

STEP 3 You must also reach through from the top to push down the clip at the bottom center to release the shell.

STEP 4 Cover the top, center and lower bars with masking tape to protect the chrome finish. Remove the lower valence.

STEP 5 With a cutoff wheel, skill saw or hack saw, cut out the "egg crate" grille sections close to the outside of the opening.

STEP 6 With 80 grit sandpaper, smooth and round the edges where the "egg crate" was cut out. Follow up with 150 grit paper to smooth the surface and remove the old finish in preparation for painting.
**STEP 7** Set the grille inserts in place for positioning. The ends of the bottom grille have a shallower angle than those of the top grille. Clamp the insert and mark the location of the vertical bars on the inside lip of the opening.

**STEP 8** Remove the grille insert. Measure down 1/4" from each vertical bar mark and scribe the location of the attachment holes.

**STEP 9** Drill all attachment holes from the bottom.

**STEP 10** Install the grille insert and secure with screws through the top lip of opening first. Note CLECO inserts to hold bottom bars in position while top is being attached.

**STEP 11** Install pop rivets to secure vertical bars to the bottom lip opening. Reinstall the grille by reversing the removal procedure, and reinstall the parking lights.