

9. Quarter Panel

Park Avenue Quarter Panel Assembly

The unique styling of the Park Avenue requires the outer door frame opening to be removed or sectioned for the removal of the complete quarter panel. Service procedures have been developed for sectioning the quarter panel. Sectioning the quarter panel does not require the removal of any adjacent panels or the back glass.

Remove or Disconnect

1. Remove all related panels and components, including the side glass.
2. Visually inspect and restore as much of the damage as possible to the factory specifications.
3. Remove all sealers, sound deadeners, and anti-corrosion materials as necessary.
4. Following the upper character line of the quarter panel with $\frac{3}{4}$ -inch masking tape from the door opening to the deck lid opening, cut a tab in the quarter panel outboard of the tape (figure 9-1). Bend the tab down and out slightly; the service quarter panel will be welded to this flange.
5. Note the location and number of all factory welds except those along the tab.
6. Drill out factory welds and remove the damaged quarter panel.
7. Install all related panels and components.

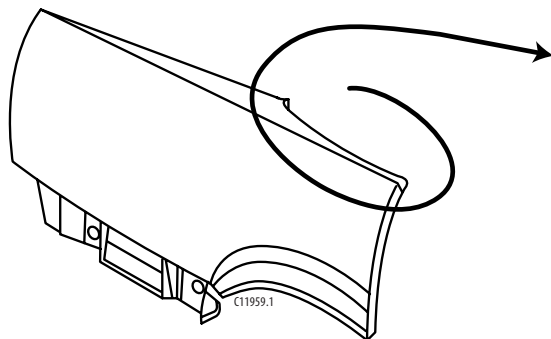


Figure 9-1:
Quarter Panel Service

Install or Connect

1. Trim the upper mounting flange on the service panel so that it can fit properly over the tab from the original service part (figure 9-2).
2. Drill 8mm ($\frac{5}{16}$ inch) holes 40mm ($1\frac{1}{2}$ inches) apart along the flange of the service panel for plug welding to the tab left from the original panel.
3. Position the service panel, check the fit, and plug weld accordingly. Make sure to weld the service quarter panel to the tab.
4. Clean and prepare welded surfaces. Apply sealers and anti-corrosion materials as necessary.
5. Seal the joint between the roof panel and quarter panel with an appropriate material.
6. Prime with two-part catalyzed primer. Do not combine paint systems. Refer to paint manufacturer's recommendations.
7. Install all related panels and components.

Fuel Filler Neck

Care must be taken to ensure that the fuel filler neck is properly sealed when replacing the quarter panel. Use SPO Sealing Strip (Part #12399117) between the quarter panel and fuel filler neck. Install using the provided instructions.

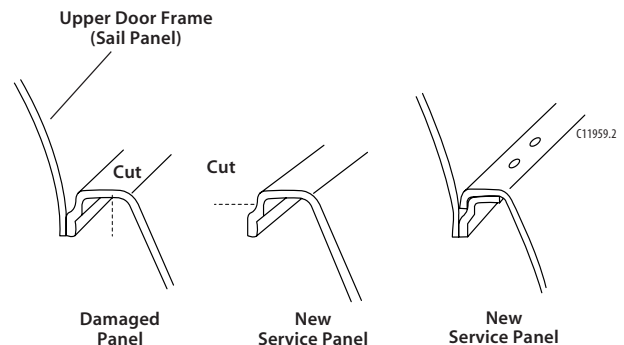


Figure 9-2:
Weld New Panel