

## Receiving your Kit

When you first receive the body kit for your new kit car project, the first reaction is “What do I do with all the parts?” The initial impact is like opening a jigsaw puzzle box.



Spread the parts out and make sure all parts are there and get familiar with what each part is and where it might go.

## Installing the Rear Deck Lid

The rear deck lid (or engine cover as sometimes referred to), is all fiberglass and quite rigid. All holes are clear and finished (waiting for light sanding and paint) and the unit is designed to fit the rear engine bay.



One problem with the hatch is its tendency for the front corners to curl in slightly. This requires a tubular frame to be manufactured for support and mounting of the deck lid.



The frame consists of  $\frac{3}{4}$ " X  $\frac{3}{4}$ " square tubing and  $1\frac{1}{4}$ " X  $1\frac{1}{4}$ " square tubing.

- (1)  $\frac{3}{4}$ " square by 34"
- (1)  $\frac{3}{4}$ " square by 37"
- (2)  $\frac{3}{4}$ " square by 52"
- (2)  $\frac{3}{4}$ " square by  $1\frac{1}{2}$ "
- (4)  $1\frac{1}{4}$ " square by 18" outside
- (2)  $1\frac{1}{4}$ " square by  $6\frac{1}{2}$ " outside
- (2)  $1\frac{1}{4}$ " square by 6" outside

## Constructing the Lid Frame

Locate the  $\frac{3}{4}$ " square tube pieces as follows;  
34" length for front lateral tube  
37" length for rear lateral tube  
52" lengths for longitudinal side tubes

Measure in 2 1/2" from each end of the 34" front cross member. This will leave 29" between the marks. The 52" longitudinal side tubes are butt welded into the front lateral tube with their outside edge at the 2 1/2" mark just made.

The rear end of the longitudinal tubes are butt welded even with the outer edge of the rear lateral tube.

### **If Using a Tubular Frame**

#### **Constructing the support/hinge frames**



With the 1 1/4" square stock tubing, cut with 45 degree corner cuts (4) pieces 18" long (top and bottom of support/hinge frame), (2) pieces 6 1/2" long on outside (front uprights), and (2) pieces 6" long on outside (rear uprights). Layout the 4 pieces for each hinge frame and weld.



These hinge frame supports will mount to inside edge of the fiberglass deck for alignment. The bottom portion is welded to the front lateral tube of the deck frame (the end of the 2 1/2" protrusion). The 3/4" square by 1 1/2" length tubes are welded on the longitudinal side tubes at 18" from the front edge. These will be for the rear support of the hinge frame.



A "dry fit" is recommended after tack welding the pieces in place. The frame also needs to be checked for symmetry and square.

Note the hinge frame welded to the front lateral frame even with the ends.



Once the rear hinge frame supports are welded under the hinge frame and butt weld to the longitudinal frame tubes, the frame can then be painted.