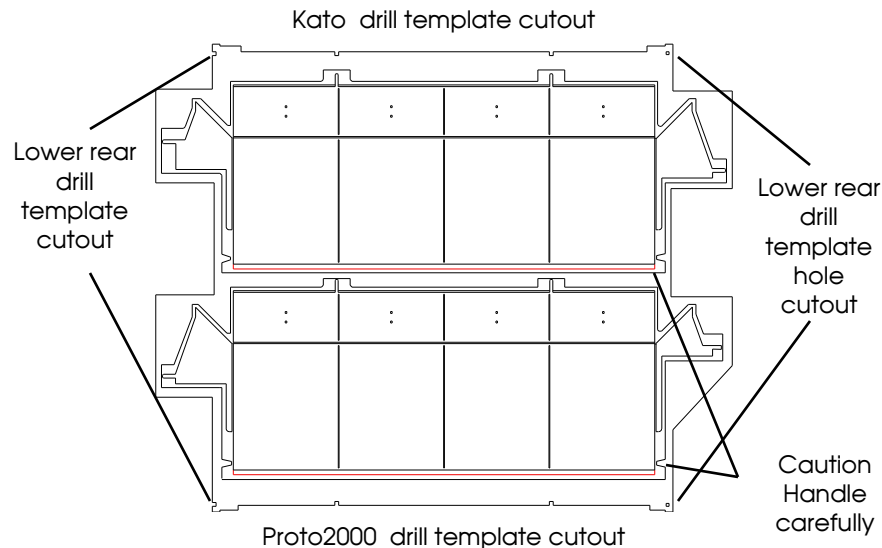


Plano Model Products #14852
SP SD45 Tunnel Motor Shrouds
Angled SP built style - Kato or Proto2000 model

The parts in this kit are designed to represent the Southern Pacific SD45 tunnel motor shrouds, also known as "Elephant Ears". Prototype information will not be covered in these instructions but can be found on various web pages online. We suggest perusing those sites for information and photos to assist in this modeling project.

These shrouds will fit on either the Kato or Proto2000 SD45 models. The actual fit is the same for both models. The only difference will be in the drill template used to locate the upper mounting holes. If you look at the framework around the shrouds, you will see some sort of cutouts. These are illustrated below. Depending on the model you are detailing, the appropriate drill template should be carefully positioned above the intake grill frames cast into the model. Use care to



make certain it is centered and level. Using a sharp pin, make a drill pilot point in the center of each 'drill dimple' shown in the illustration. Also mark the lower corner mounting holes using appropriate template dimple. Lower front hole marked with template pressed up against dynamic blister and back against intake grill 'wedge'. The lower rear holes are marked with appropriate template dimple held in place with one edge against intake grill cast frames and the other lined up where the 'flair' and straight side meet. Using a #77 drill bit, drill a hole in each pilot point. If you need more visual assistance where the mounting holes need to be, look at the shrouds and you will see mounting pins sticking out from the parts. Match pins to holes.

BEFORE you remove the shrouds from the fret, there are a couple things you need to keep in mind. On bottom edge of each shroud, there is a half etch lip with simulated bolt heads. This lip can be easily crushed or destroyed. Handle

with care! Also, there are vertical half etch lines dividing the shrouds into four panels. These are the outside surface of the shrouds. Use extreme caution when pressing the mounting pins into the mounting holes. Pressing on the shroud at these etch lines may cause the shroud to buckle or distort. All other half etch lines are bend lines and are to be the inside of the bend. Refer to illustration for more information.

Bending of shrouds - begin by removing shroud from fret, keeping mounting pins on shroud. Carefully bend the top of the shroud in about 45 degrees. work slowly and carefully across the fold seam, bending a little bit at a time. Don't try to make the bend all at once as this may distort the shroud. Once top is evenly bent, bend sides in 90 degrees to meet top. Adjust top if needed. Apply a small amount of CA to the seams to keep the sides and top together (and to hide any gaps/seam lines).

Now that the shrouds are formed, you need to add the lift rings to the holes in the upper portion of the shroud. In your kit there is a fret of stainless "U" shaped lifts. These lifts are divided into three sections. The dividing lines are not on the same side of the part. Having one on each side allows the "legs" of the lift to be bent in each direction in an attempt to keep the lift from leaning to one side. Dividing lines are bend lines and are the inside of the bend. Carefully remove a lift from the fret, insert into holes and bend each leg 90 degrees in its appropriate direction. With each leg flush against inside surface of shroud, apply a SMALL dab of CA to hold them in place. Repeat for all lift rings.

If you are adding these parts to a prepainted model, now would be a good time to paint new parts.

If you are building a model that will be painted later, consider your painting options before gluing shrouds to model. If glued to shell of model, it will be harder to get paint up under the shroud leaving an uneven cover. And there may be a masking issue on the end of the shell. Just pointing out some things to consider.

To add the shrouds to your model, adjust top mounting pins to make sure they are pointing in the same direction as the side mounting pins (45 degrees from angle of shroud top). Now, carefully align side pins with drilled holes, bring top pins up to top holes and carefully press all pins into their holes until shroud is snugly against shell. AGAIN, do not apply pressure to center of shroud as this may cause it to buckle (believe this from our test and trials!). When satisfied with fit, CA in place.

That's all for this portion of your detailing project. We thank you for using our product on your modeling project and we hope you are pleased. Enjoy and keep on modeling. Visit your local hobby dealer for all your modeling needs. Visit us online.

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