

How to make a 2-Part Mold using LiquaFast™ ICE

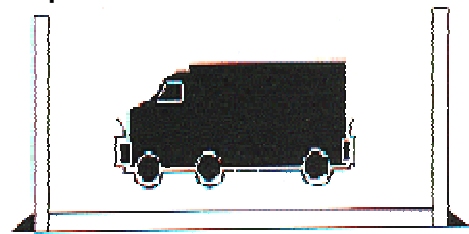
Step 1.

Prepare the original.

Step 2.

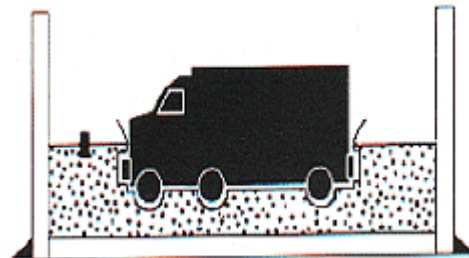
Prepare a molding box with sides, base and lid of wood, plastic or metal, making sure there is a minimum clearance of 1/2 inch around the original.

Step 3.



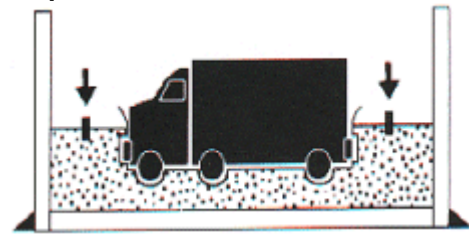
Seal the edges of the box with sulfur-free filleting wax or inhibitor-free modeling clay.

Step 4.

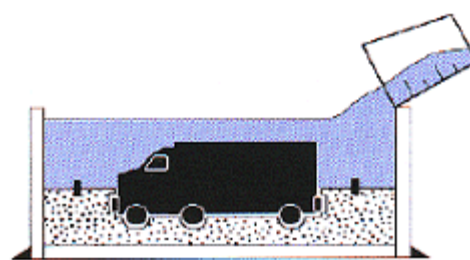


Wrap, in aluminum foil or plastic wrap, the half of the original that will be embedded in clay in the bottom of the box. Embed the original up to the pre-established parting line.

Step 5.

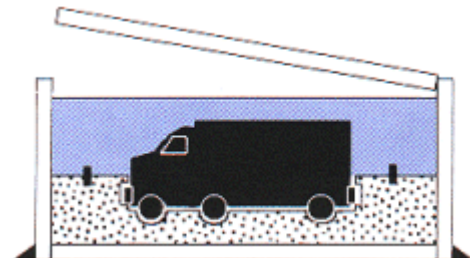


Step 6.



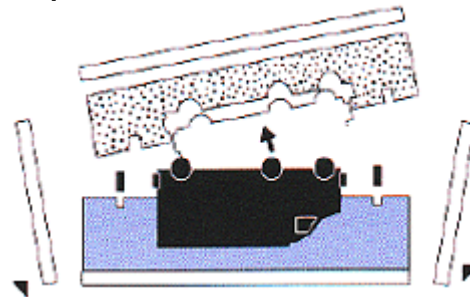
Prepare the molding material and pour it into the box, holding the container as low as possible. Pour slowly to allow the material to fill all the crevices and level off. Continue pouring until the top of the silicone material is a minimum of 1/2 inch above the highest point of the original.

Step 7.

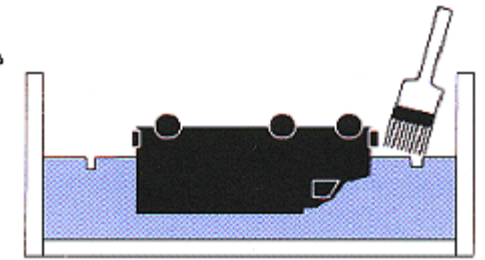


Cure for 24 hours at room temperature.

Step 8.

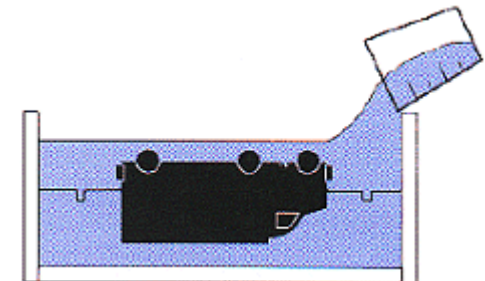


Step 9.



Reassemble the box and apply a release agent to the exposed area of silicone.

Step 10.

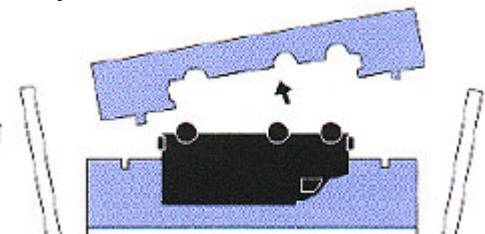


Holding the container as close to the box as possible, pour in the silicone materials. Pour slowly to allow the material to fill all the crevices and level off. Continue pouring until the top of the silicone material is a minimum of 1/2 inch above the highest point of the original.

Step 11.

Cure for 24 hours at room temperature.

Step 12.



Insert alignment pegs into the clay.

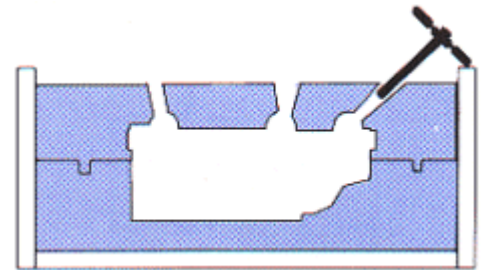
Invert the box and disassemble it.
Remove the clay, foil or plastic wrap,
and alignment pegs.

Disassemble the box and separate both
parts of the mold from the original.

Insert alignment pegs into the clay.

Invert the box and disassemble it.
Remove the clay, foil or plastic wrap,
and alignment pegs.

Step 13.



Insert alignment pegs into the clay.

Invert the box and disassemble it.
Remove the clay, foil or plastic wrap,
and alignment pegs.

To prepare the mold for casting, drill
two or more holes through it. The
casting material will be poured into the
mold cavity through one hole, and the
air will escape through the other(s).

NOTE: If the original is relatively simple
and not too large, it is possible to omit
the use of the clay. Instead pour the
silicone material directly into the box to
form the first half of the mold.