



BHJ Products, Inc.

Parts List & Instructions

Product Name: **Chassis Weight Mold**
BHJ Part#: **CWM-1**

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Kit Contents:

1x Chassis Weight Mold

Description

BHJ's Chassis Weight Mold simplifies the process of making bolt-on lead chassis weights, commonly used in late-model circle track cars. The Weight Mold is machined of billet aluminum for durability and light weight and includes enough draft angle to allow finished weights to easily drop out of the mold when adequately cooled.

When fully filled, the completed weights measure 6" long by 4" wide by 2" high and weigh approximately 25 pounds. The two finished holes accept 1/2" bolts and have a 5" center-to-center spacing to fit many late-model chassis applications.

1/2"-13 holes are tapped into each end of the Mold to allow installation of handles or other suspension device, in order to ease handling of the mold when in use or storage.

Note: The Mold will become hot to the touch when in use.

Chassis Weight Making Procedure

SET-UP

1. Place the Mold on a stable, level and flameproof surface in preparation for use.
2. Fill the Mold with water until 2 inches of liquid is in the mold. Pour-off and measure the volume of liquid used, in order to determine the approximate amount of molten lead to use to make a weight of adequate size.

Note: The contaminants in common lead will form a skin at the top surface of the weight. Pouring in additional molten lead on top of hardened lead will cause a laminating effect. These layers will typically separate easily. It is important to melt an adequate amount of lead and pour it all in one shot, to prevent this laminating effect and resulting separation of the layers, once the weight has cooled and been ejected from the mold.

3. Melt the appropriate amount of lead needed for the number of weights to be made in a smelting pot, or equivalent steel or cast iron vessel. The melting point of Lead (Pb) is 621.43°F
4. Pour an adequate amount of lead into the Mold and allow lead to cool ten (10) minutes.
5. Once cooled, turn the mold upside-down onto the level surface to eject the finished weight. In some cases tapping the Mold may be required to loosen the weight.