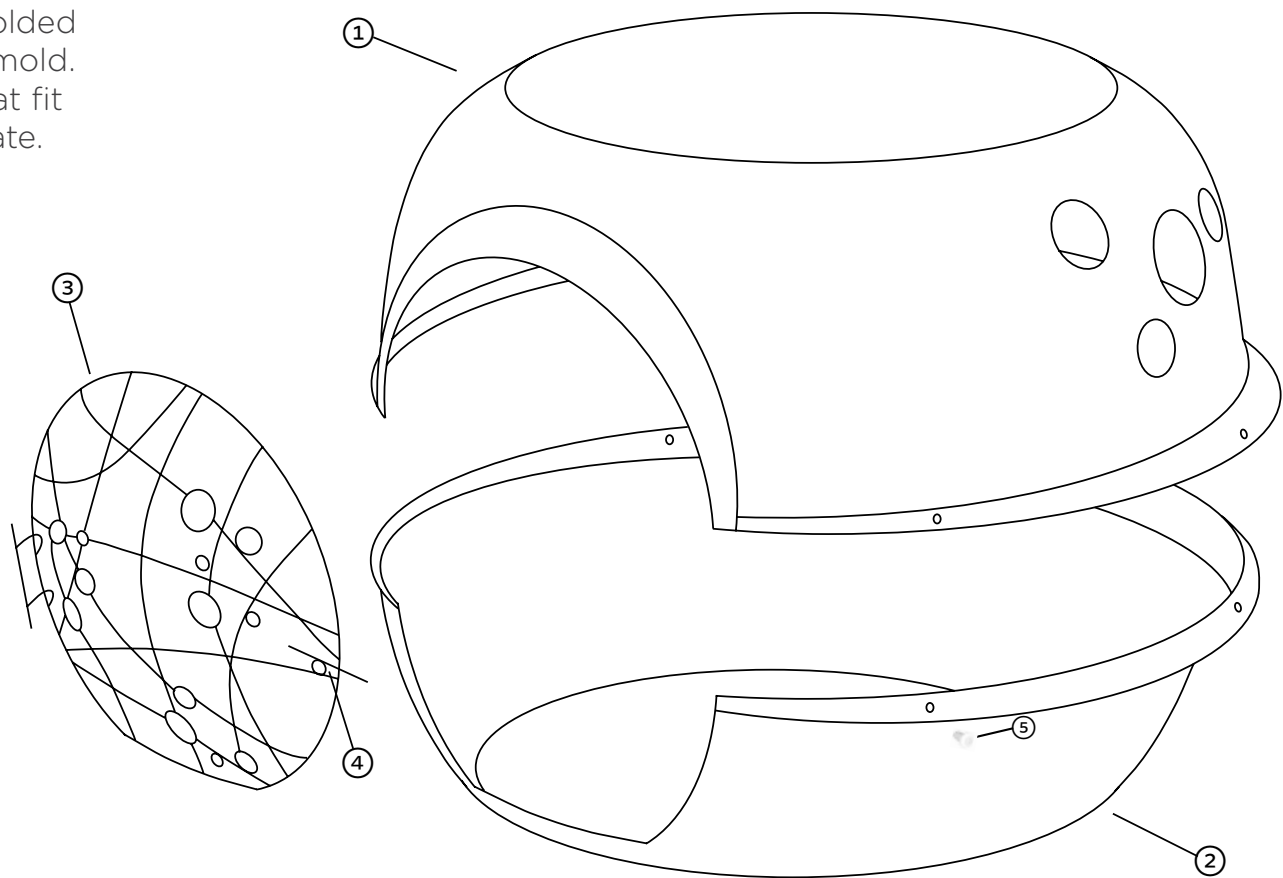


# Exploded View and BOM

The dog crate is made from injection molded plastic, with components built in to the mold. The gate has a simple hinge and lock that fit into molded components on the dog crate.



Dog Crate Bill of Materials

Part #	Part Name	Quantity	Size (inches)	Material	Mfg Process	Finish	Tooling Cost	Part Cost	Total Cost
1	Top	1	33x34x11	PP	Injection Molded	Smooth	\$28,547	\$25	\$25
2	Bottom	1	33x34x9	PP	Injection Molded	Smooth	\$27,132	\$23	\$23
3	Gate and Hinge	1	15.5x15	Steel Rod	Welded	Chrome plated	N/A	\$20	\$20
4	Gate Latch	1		Steel	OEM	Chrome Plated	N/A	\$1	\$1
5	Screws	7	\$0.08	Steel	OEM	Zinc Plated	N/A	\$0.60	\$0.60
6	Cap Nuts	7	\$0.10	Steel	OEM	Zinc Plated	N/A	\$0.70	\$0.70
Totals								Manufacture/ Product Cost	\$70.30
Notes	Kit assembled by consumer, so no assembly costs are associated with the product							Wholesale	\$140.60
	Costs based on domestic manufacturing of ~10,000 pieces per year							Retail	\$281.20