<u>Drawing</u> Number	<u>Drawing</u> <u>Title</u>			
	Cover Sheet			
FP01	Drawing Index & Notes			
FP02	M78 (1 OF 2)			
FP03	M78 (2 OF 2)			
FP04	M79 (1 OF 2)			
FP05	M79 (2 OF 2)			
FP06	M80 (1 OF 2)			
FP07	M80 (2 OF 2)			
Date:	1/3/2020			

<u>Part</u>	<u>Part</u>
Number	<u>Description</u>
M78	Misc Part - Footbox - Driver side
M79	Misc Part - Footbox - Passenger side
M80	Misc Part - Spare tire tray
Date:	1/3/2020







Passenger Footbox

These photos are of a pair of oringinal 1963 era 289 Cobra footboxes.

The previous owner apparently decided that installation of a larger engine or perhaps better access to the original small block Ford engine would be a great idea for the Cobra.

The foot boxe modifications obviously ran into troubles for some unknown reson and the intented modifications were never completed.

With a little work, these original parts will be repaired and returned to their original condition as time permits.

Date: 5/26/2021

1. These drawings provide details for Cobra pieces that were made of fiberglass on the original cars. The dimensions shown indicate the original overall sizes and other relavent or critical dimensions. Since these parts are relatively thin fiberalass, there are some measurement variations in thickness and fillets as well as the actual part overall sizes. Therefore, these drawings focus on the critical dimenisions and show the less critical fillets and radius dimensons as best as possible.

- 2. Due to the nature of fiberglass, part sizes tend to dimensionally shift over time. These drawings have been based on both origina 1964 Cobra parts as well new reproduction parts. Without measurments of the acutal part molds, it was somewhat difficult to get a perfect measurement. The use of decimals in the given measurements (versus fractional measurements) should not be taken as impling increased precision of a dimension; decimal measurements were used only to simplify the drafting and checking process. These parts are simply not that critical when it comes to sizes and measurements to less than 1/8" are not necessary.
- 3. Photos of the parts are included to assist in visualizing the actual parts,
- 4. The primary concept behind developing these drawings is to further document the components utilized on the original Cobra. A secondary reason is to provide details to assist in fabricating original specification replacements for these obsolete parts.
- 5. Over the years, some reproductions of these components have been made with varying degrees of accuracy and authenticity. Additionally, it should be recognized that even original parts had manufacturing tolerances. The original Cobras, which were assembled by AC Cars with fabrication jigs, required some adjustment of the various components to produce an acceptable fit. Bottom line is that it should be expected to adjust or trim these fiberglass components to provide the proper fit in the chassis.

Date: 5/26/2021

Introduction:

The original 289 Cobras utilized fiberglass for several compnents. Although not extremly common for mass produced cars of the era (with the exception of the Corvette) fiberglass did find it's nitch in some limited production vehicles.

In the Cobra, fiberglass was utilized for the left and right footboxes and for the trunk located spare tire tray. Additionally, some smaller pieces were also made of fiberglass including; inlet air scoops for the footboxes and air scoops for the brakes on the race cars.

Interestingly, the AC Ace, the car which Carroll Shelby transformed into the original 289 Cobra and which shares many internal design features with the Cobra, used hand formed sheet aluminum for it's footboxes and tire tray.

These drawings provide details of the original 289 Cobra fiberglass components.

At the date of this writing, there are reproduction fiberglass parts being manufactured. However, becasue of their unique shape and relatively large size, they are cumbersom to ship. These drawings provide adequate dimensional information and details to allow an accurate reproduction of the oritinal Cobra parts to be made.

These drawings have been prepared with the best information available, however they are provided with no written or implied guarantee of accuracy or suitability of purpose and they are intended to be used solely for entertainment purposes.

Date 5/26/2020

R	/. Description Dat	te Cobra Fiberglass Parts	FOR PRIVATE USE ONLY	Drawings developed by:	000 00004	Line is 1 inch	Scale	Title	Drawing Number
L		Drawing Registration No. xxx Name: Sample	Copying any part of this document without the written consent of the Developer is prohibited.	OTTH CODINE	289 COBRA FIBERGLASS PARTS	at full scale (if not 1" scale	NA	DRAWING INDEX &	FP01
		Date: March 2021	beveloper is prombited.	Danville,CA.		accordingly)		NOTES	