Drawing	Drawing	Part	Part
Number	Description	Number	Description
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SCMP01	Cover Sheet Drawing Index & Notes	AP301 AP302	Aluminum Panel - Dash Aluminum Panel - Firewall
SCMP02	FS306	AP302 AP303	Aluminum Panel - Firewall to footbox spacer - Upper
SCMP03	FS307	AP304	Aluminum Panel - Firewall to footbox spacer - Lower
SCMP04	FS308, FS309, FS310 & FS312	AP305	Aluminum Panel - Transmission tunnel - Top
SCMP05	FS311	AP306	Aluminum Panel - Cockpit floor - Left
SCMP06	FS313	AP307	Aluminum Panel - Cockpit floor - Right
SCMP07	RS309	AP308	Aluminum Panel - Cockpit rear - Upper
SCMP08	RS310	AP309	Aluminum Panel - Cockpit rear - Lower (left & right)
SCMP09	RS311, RS312, RS13 & RS314	AP310	Not used
SCMP10 SCMP11	RS315, RS316 & RS317 RS318	AP311	Aluminum Panel - Trunk floor - Front
SCMP12	RS319	AP312 AP313	Aluminum Panel - Trunk floor - Side (left & right) Aluminum Panel - Door hinge pin access (Left & right)
SCMP13	M302 (1 of 2)	AP313 AP314	Not used
SCMP14	M302 (2 of 2)	AP315	Aluminum Panel - Front wheel well - Rear panel (left and right)
SCMP15	M303 `	AP316	Aluminum Panel - Front wheel well - Front panel (left & right)
SCMP16	M304	AP317	Aluminum Panel - Trunk side (left and right)
SCMP17	M305	AP318	Aluminum Panel - Rear wheel well - Rock guard (left and right)
SCMP18	M306	AP319	Aluminum Panel - Transmission tunnel - Right side
SCMP19	M307	AP320	Aluminum Panel - Transmission tunnel - Left side
SCMP20	PB311, PB312 & PB313	AP321	Aluminum Panel - Front wheel well - Middle panel (Left & Right)
SCMP21 SCMP22	PB314, PB315, PB316 & PB317 PBA311	AP322	Aluminum Panel - Radiator closure plate - Side (left & right)
SCMP23	HB306, M301, M308 & M310	AP323 FS306	Aluminum Panel - Radiator closure plate - Top
SCMP24	M320 & M321	FS306 FS307	Front suspension - A-arm - Upper Front suspension - A-arm - Lower
SCMP25	M309, M311, M312 & M317	FS308	Front Suspension - Axle - STILL IN DEVELOPMENT
SCMP26	M313, M314, M315 & M322	FS309	Front Suspension - Axle - D washer
SCMP27	M318	FS310	Front Suspension - Lower A-arm - Ball joint cap
SCMP28	M316 & M325	FS311	Front Suspension - Sway bar - 427 - STILL IN DEVELOPMENT
SCMP29	M319	FS312	Front Suspension - Special bolt - Brake caliper to upright - Street caliper
SCMP30	M323 & M324	FS313	Front suspension - Coil spring
SCMP31	AP301	HB306	Hand brake - Cable equalizer shaft
SCMP32	AP302	M301	Misc Part - A-Aarm - Chassis bolt mounting cup
SCMP33 SCMP34	AP303, AP304 & AP313 AP305	M302	Misc Part - Fuel tank - Street
SCMP35	AP303 AP319	M303 M304	Misc Part - Fuel tank support channel - Street
SCMP36	AP320	M305	Misc Part - Fuel tank channel - Support hook - Street Misc Part - Roll bar
SCMP37	AP306 (1 of 4)	M306	Misc Part - Roll bar mount - Rear
SCMP38	AP306 (2 of 4)	M307	Misc Part - Roll bar mount - Upper
SCMP39	AP306 (3 of 4)	M308	Misc Part - Transmission support - Rear
SCMP40	AP306 (4 of 4)	M309	Misc Part - Steering rack spacer
SCMP41	AP307 (1 of 4)	M310	Misc Part - Foot box air duct tube support bracket
SCMP42	AP307 (2 of 4)	M311	Misc Part - Steering rack tie rod end extension
SCMP43	AP307 (3 of 4)	M312	Misc Part - Lower steering column - Pinch mount assembly
SCMP44 SCMP45	AP307 (4 of 4) AP308	M313	Misc Part - Steering column - Intermediate - 427
SCMP46	AP309	M314	Misc Part - Steering column - Lower - 427
SCMP47	AP316 & AP321	M315 M316	Misc Part - Steering column - Upper - 427 Misc Part - Glove box door
SCMP48	AP315 (1 of 4)	M317	Misc Part - Glove box door Misc Part - Ferrule - Top and Side Curtain Support
SCMP49	AP315 (2 of 4)	M318	Misc Part - Differential mount - Front
SCMP50	AP315 (3 of 4)	M319	Misc Part - Engine oil filter mount - Remote racing
SCMP51	AP315 (4 of 4)	M320	Misc. Part - Road spring mounting collar - Top
SCMP52	AP322 & AP323	M321	Misc. Part - Road spring mounting collar - Bottom
SCMP53	AP317 (1 of 2)	M322	Misc. Part - Upper steering column - Housing
SCMP54	AP317 (2 of 2)	M323	Misc Part - Suspension cover - Trunk
SCMP55 SCMP56	AP311 AP312	M324	Misc Part - Suspension cover - Cockpit
SCMP57	AP312 AP318	M325	Misc Part - Pedal box cover
	0.0	PB311	Pedal Box - Accelerator - Top plate
Date:	6/13/2017	PB312 PB313	Pedal Box - Accelerator - Side plate Pedal Box - Accelerator - Mounting hubs
L		PB313	Pedal box - Accelerator - Mounting hubs
		PB315	Pedal box - Accelerator - Carburator linkage arm
		PB316	Pedal box - Accelerator - Pedal shaft
		PB317	Pedal box - Accelerator - Pedal stop
		PBA311	Pedal box - Accelerator - Assembly
		RS309	Rear suspension - A-arm - Upper
		RS310	Rear suspension - A-arm - Lower
		RS311	Rear suspension - Trailing link
		RS312	Rear suspension - Shaft - Upright to A-arm
		RS313	Rear suspension - Mounting sleeve - Lower A-arm to chassis
		RS314	Rear suspension - Adjusting nut - Mounting sleeve
		RS315 RS316	Rear Suspsenion - Bolt - Hub to Companion Flange Rear Suspsenion - Hub bearing spacers - STILL IN DEVELOPMENT
		RS317	Rear Suspension - Special bolt - Brake caliper to upright - Street caliper
		RS318	Rear Suspension - Sway Bar - STILL IN DEVELOPMENT
		RS319	Rear suspension - Coil spring
			· -
		Date:	6/13/2017

Notes

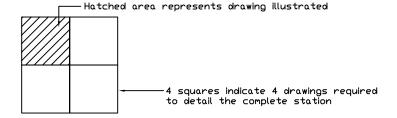
1. Fabrication dimensions for components are based on the use of flat cold rolled steel and the nominal decimal equivalent of the gauge size. (The decimal equivalent is typically included on part drawing). Nominal gauge equivalences used are:

6 GA = .194" 7 GA = .187" 9 GA = .149" 10 GA = .134" 11 GA = .119" 12 GA = .104" 13 GA = .089" 14 GA = .074" 16 GA = .060 18 GA = .047

- 2. Bend radius (inner radius) are typically drawn in these drawings as 1 x material thickness.
- 3. Scale of drawings. Example: A scale indicated on the drawings as 1':2'=1 drawing unit (inches) = 2 physical part units (inches). I.e the part is drawn at 1/2 scale and the part will print at 1/2 actual size when drawings are printed at full size of $22'' \times 34'$.
- 4. Test assemble all suspension and running gear components to chassis mounting brackets to check fit and alignment before final chassis welding.

Aluminum panel notes:

- 1. When drawn drawn with a scale of 1'' = 1', panels will be actual scale when plotted on 22' \times 34' paper.
- 2. The exact size of interior panels is dependent on the body and chassis utilized. Panels should be first made of cardboard (or similar material) for trial fitting and adjustment before final fabrication from aluminum.
- 3. Panels spanning multiple drawings use the following "key" to designate which drawings is illustrated.



- 4. Aluminum panel attachment screws and rivets are generally based on the following unless noted othewise.
 - a. Rivets: 1/8" diameter steeel blind (pop) rivet style
 - b. Screws: 8-32 Round or filister phillips head machine screws.
 - c. Rivet & screw locations are shown in approximately location only. Coordinate exact location between adjacent panels.
- 5. Details and Section references:



Detail or Section Reference. x = Detail or section Identification Dwg = Drawing on which reference appears

Date: 10/28/2017

Introduction:

These drawings have been created to document many of the miscellaneous parts used on the chassis and body of the 1965 & 1966 427 Cobra roadsters. The original Cobras utilized the 260 CID and 289 CID Ford Ford engine. A total of approximately 655 of the 260 / 289 roadster Cobras were constructed in several body configurations (slab-side, FIA, USRRC, Daytona Coupe, etc.), with the same basic 3 inch tube diameter ladder style chassis and transverse leaf springs being the common denominator.

Searching for more performance, the 427 Cobra was introduced in 1965. Numerous modifications were made to the original 289 chassis to handle the increased size, weitght and performance potential of the 427 Ford engine. The two most significant changes were the use of coil springs and an increase in size of the main chassis rails to 4 inch diameter tubes.

A total of approximately 350 of the 427 Cobras (including both the Steet 427 and 427 SC models) were produced with the same basic body style although there were a few minor body modifications, the most notable was the variation in the rear wheel arches.

The 427 Street and 427 SC Cobras utilized identical chassis design and varied only with the addition of minor brackets to mount various accessory components needed for competition (roll bar, engine oil cooler, side mounted exhaust, etc.)

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.

Rev.	Description D	ate 427 Cobra Misc Parts	FOR PRIVATE USE ONLY	Drawings developed by:		Line is 1 inch	Scale	Title	Drawing Number
		Drawing Registration No. xxx		CAL COBRAS	MISCELLANEOUS PARTS	at full scale		DRAWING INDEX &	
		Name: Sample	Copying any part of this document without the written consent of the Developper CAL Cobras is prohibited.		427 COBRA ROADSTER	(if not 1" scale	l NA		SCMP01
		Date: August 2017	Develpoper CAL Cobras is prohibited.	Danville, CA.	INTO CODINI ITOIND STEEL	accordingly)		NOTES	