

Re: Subframe alignment question

I made some plum bobs with string and 1/2" nuts. I hung them off the wheel studs. I then put masking tape on the garage floor under the plum bobs. You must level the car and then put a level across the top 2 wheel studs. When the bubble is in the level the string will be straight. Make marks on the tape where the plum bobs are then measure front to back and cross ways driver front to pass back. Loosen the subframe bolts and move till the measurements are +/- 1/4". It will take 2 people but you will get it very close. Then have the frontend aligned.

Re: Subframe alignment tool?

from the depot's fastener aisle, pick up a 5/8"-11 x 12" threaded rod for about \$2.50, upc 3069917050, cut it in half and you have your two alignment pins.

Re: Subframe alignment tool?

I just completed a steel body cart and used 5/8" steel dowel for the rear pins, and 1/2" for the front pins on the firewall, BUT-- the holes for alignment on the firewall accept the 5/8" dowel perfectly for me-- minimal effort if any at all to slide it through.

I bought it at a steel mill for only \$1.21 per foot.

Re: Subframe alignment question

Here is the frame chart with measurements: I did what others have said, fishing line with a nut tied to it, dangling from the points in the chart, mark the garage floor with magic marker, then measure all the distances, cross overs etc. That will get you started or in my case, lucky, it was right on the money for me,

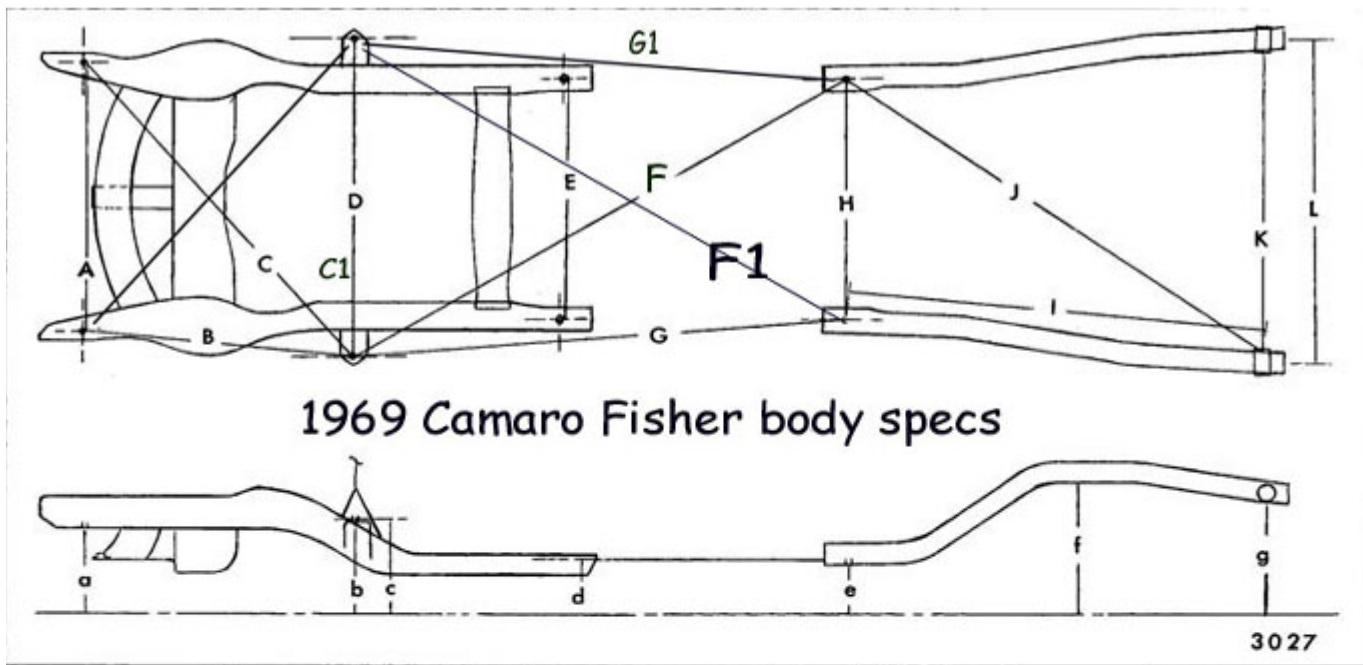


Fig. 3-8—Horizontal & Vertical Checking Dimensions (Camaro & Firebird "F" Bodies)

A=38 1/4	E= 33 3/4	I= 55 3/16
B= 35 1/4	F/F1 = 76"	J= 66 11/16
C,C1= 54 3/16	G,G1= 65 1/4	K= 42 7/8
D= 44 9/16	H= 33 1/2	L= 44 7/8

← Factory Specs



Vertical Dimensions

A = 11-15/16	C = 13-13/16	E = 6-15/16	G = 15-11/16
B = 12-9/16	D = 9-1/8	F = 18-7/16	