

Mustang II FRAME DIMENSION TECH SHEET, 210517

With the following info, we can provide drawings with cut lines for your Welder Series Mustang II crossmember and upper towers. This will make it easy to make the notches so the kit fits nicely in your frame. You will also be helping others who build the same vehicle. We can make boxing plates for you, too.

Using these cut lines will put the bottom of your frame at wheel/tire center height with stock spindles or 2" lower than wheel/tire center height with dropped spindles. Wheel/tire center height will be very close to 1/2 of the tire diameter minus 1/2" for tire squat. If you don't know your tire size, use 14" as a close approximation.

On page 2, please fill in the vehicle make, year, and model in the space provided.

Also on page 2, indicate the type of frame cross section you have.

To establish the tire/spindle centerline, front to back:

Draw a vertical line on the outside of the frame and across the top of both frame rails. This line will be referred to as 'Z' from now on, for simplicity. Take a measurement from 'Z' to a reference point that is in the same place on both frame rails. On page 2, sketch the reference point (often a hole) and mark the distance to 'Z'. Use the hole center, not an edge. Take a picture showing this part of the frame.

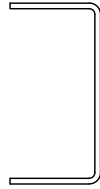
Block the frame at ride height. If you aren't sure about this, just shim front and rear so the middle area of the frame is level. This will get us the dimensions we need.

Hold a 1 foot ruler against the outside of the frame rail with the 6" point at "Z". If the ruler's edge lies flat along the side, draw a vertical line at the "0" and at the 12" points. If the ruler's edge does not lie flat (because the frame curves), draw vertical lines at every inch mark, including "0".

Do the same thing on the top of the frame.

Use a level to get vertical "by the bubble".

VEHICLE MAKE, YEAR, MODEL
International, 1952, L110

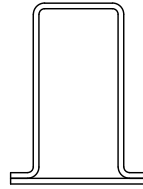


CHANNEL



BOXED

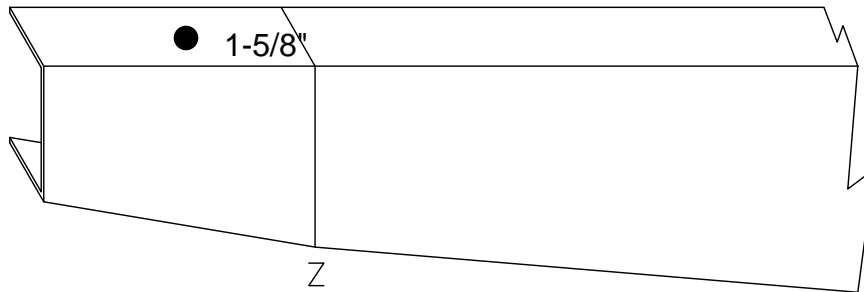
Boxing Plates



TOP HAT

FRAME TYPES 210512

<- FRONT, DRIVER SIDE



FIND A COMMON HOLE ON THE SIDE OR TOP OF BOTH RAILS. DRAW THE HOLE ON THIS FRAME DRAWING AND MARK THE DISTANCE FROM THE HOLE CENTER TO 'Z'. IF POSSIBLE, TAKE A COUPLE OF PICTURES, TOO.

MII Z LOCATION 210512

Record the dimensions from the ground to the bottom of the frame at each of the marked points.

If the bottom is flat, only the dimensions for 6" ahead, Z, and 6" behind are required.

6" ahead of "Z": 11-3/4"

5" ahead of "Z": 11-13/16"

4" ahead of "Z": 11-7/8"

3" ahead of "Z": 12 "

2" ahead of "Z": 12-3/16"

1" ahead of "Z": 12-1/4"

At "Z": 12- 5/16 "

1" behind "Z": 12-1/4"

2" behind "Z": 12-3/16"

3" behind "Z": 12-1/8"

4" behind "Z": 12-1/16"

5" behind "Z": 12"

6" behind "Z": 11-15/16"

Continued on Page 4

Continued from Page 3

We can give you a price for boxing plates if you continue with the following dimensions. (You are under no obligation to buy the boxing plates if you prefer to cut them out yourself.)

7" behind "Z": _____

8" behind "Z": _____

9" behind "Z": _____

10" behind "Z": _____

11" behind "Z": _____

12" behind "Z": _____

13" behind "Z": _____

14" behind "Z": _____

15" behind "Z": _____

16" behind "Z": _____

17" behind "Z": _____

18" behind "Z": _____

Record the dimensions from the bottom of the frame rail to the top of the rail at each of the marked points. Measure the outside of the frame rail.

6" ahead of "Z": 16"

5" ahead of "Z": 16-1/16"

4" ahead of "Z": 16-1/8"

3" ahead of "Z": 16-1/4"

2" ahead of "Z": 16-7/16"

1" ahead of "Z": 16-1/2"

At "Z": 16-9/16"

1" behind "Z": 16-1/2"

2" behind "Z": 16-7/16"

3" behind "Z": 16-7/16"

4" behind "Z": 16-3/8"

5" behind "Z": 16-3/8"

6" behind "Z": 16-3/8"

Continued on Page 6

Continued from Page 5.

If you would like a price for boxing plates, please continue with the following dimensions. (Measure the outside of the frame rail. We will deduct for the frame rail steel thickness.)

7" behind "Z": _____

8" behind "Z": _____

9" behind "Z": _____

10" behind "Z": _____

11" behind "Z": _____

12" behind "Z": _____

13" behind "Z": _____

14" behind "Z": _____

15" behind "Z": _____

16" behind "Z": _____

17" behind "Z": _____

18" behind "Z": _____

Record the dimensions from the outside of the driver's frame rail to the outside of the passenger's frame rail at each of the marked points. If the sides are flat, only the dimensions for 6" ahead, Z, and 6" behind are required.

6" ahead of "Z": 28-3/8"

5" ahead of "Z": 28-3/8"

4" ahead of "Z": 28-3/8"

3" ahead of "Z": 28-3/8"

2" ahead of "Z": 28-3/8"

1" ahead of "Z": 28-3/8"

At "Z": 28-3/8"

1" behind "Z": 28-3/8"

2" behind "Z": 28-1/2"

3" behind "Z": 28-5/8"

4" behind "Z": 28-3/4"

5" behind "Z": 28-7/8"

6" behind "Z": 29"

Record the width of the top of the driver's side frame rail at each of the marked points. If the width is the same for the whole 12 inches, just put that dimension in one of the spaces. If the bottom flange is different, as it will be with a top hat frame cross section, put that dimension after the top one. If the passenger frame rail width is different, make another column for those dimensions.

6" ahead of "Z": 1-3/4"

5" ahead of "Z": 1-13/16"

4" ahead of "Z": 1-7/8"

3" ahead of "Z": 1-15/16"

2" ahead of "Z": 2"

1" ahead of "Z": 2-1/8"

At "Z": 2-1/4"

1" behind "Z": 2-1/4"

2" behind "Z": 2-1/4"

3" behind "Z": 2-1/4"

4" behind "Z": 2-1/4"

5" behind "Z": 2-1/4"

6" behind "Z": 2-1/4"