

## Dimensions - Body (C 105/Short Body)

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### Three Dimensional Distance -- X, Y, Z

This universal measuring system is capable of simultaneously dimensioning the length, width, and height of a datum plane. Three dimensional distances are used for both underbody and upperbody measuring.

X = Fore and aft measurements along the center line of the vehicle. An O plane is located forward of the master gage hole at the front of the vehicle. All measurements are made from this plane toward the rear of the vehicle.

Y = Cross car dimensions. Positive values are measured from the center of the vehicle to the right side of the vehicle. Negative values are measured from the center of the vehicle to the left side. When values are not listed separately to change the side of the vehicle, you need only to change the Y dimensions to the opposite value, + or -, from what is listed.

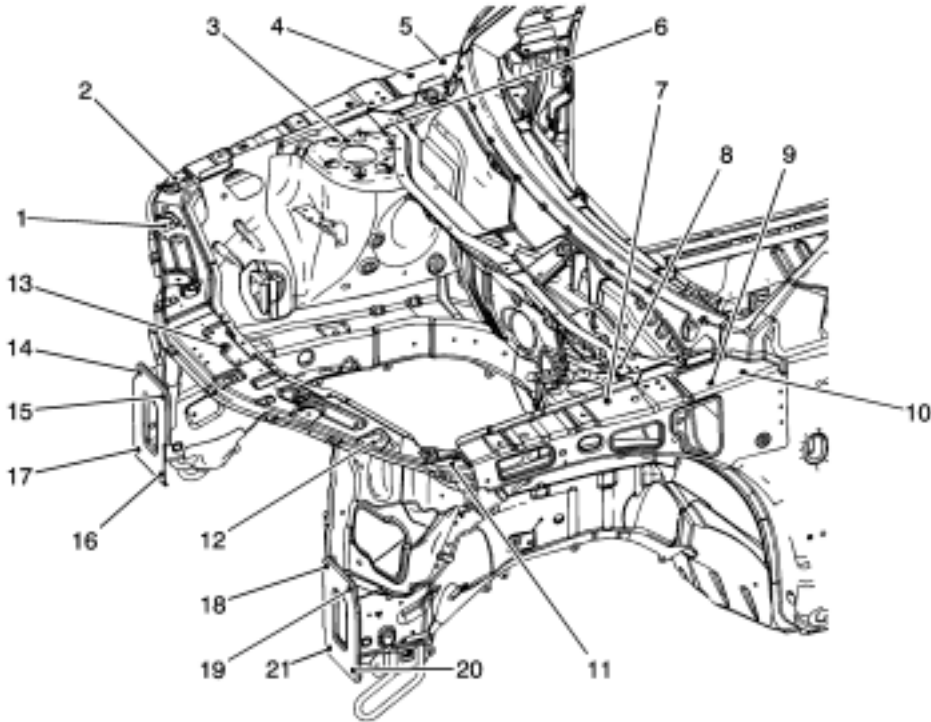
Z = Vertical measurement from the datum plane below the rocker panel lower flange edge (O plane).

All dimensions are symmetrical, unless otherwise noted.

In order to properly repair the spaceframe, restore the vehicle to the XYZ dimensions, as originally built. Relational (linear) dimensions are for reference only. Use relational dimensions for diagnosis or inspection only. Relational dimensions are not as accurate as XYZ dimensions and measuring systems.

The gage holes shown are the actual fixture locations that are used to build the vehicle.

### Front Compartment



Front Compartment Dimensions

Location	Description	Length = x	Width = y	Height = z	Point to Point
1	Hole	1170	488	904	x
2	Hole	1299	713	912	x
3	Strut Attachment Hole	1698	648	934	x
4	Hood Hinge Hole	1919	760	987	x
5	Hood Hinge Hole	2003	773	996	x
6	Air Inlet Grille Attachment Hole	1776	600	977	x
7	Hole	1698	648	934	x
8	Air Inlet Grille Attachment Hole	1776	600	977	x
9	Hood Hinge Hole	1919	760	987	x
10	Hood Hinge Hole	2003	773	996	x
11	Hole	1299	713	912	x
12	Hole	1170	488	904	x
13	Hood Striker Attachment Hole	1071	0	903	x
14	Impact Bar Attachment Hole	1122	540	533	x
15	Impact Bar Attachment Hole	1122	423	531	x
16	Impact Bar Attachment Hole	1122	434	320	x
17	Impact Bar Attachment Hole	1122	554	324	x
18	Impact Bar Attachment Hole	1122	423	531	x
19	Impact Bar Attachment Hole	1122	540	533	x