2009 IMCA GM Midsize ’78–’87 Frame Dimensions

A. 37.25 - inches from center to center of bumper cylinder lower flange mounting holes.
B. 26.375 - inches between side rails at lower steering gear bolt area, to idler arm mounting area.
C. 33.750 - inches between upper control arm mounting brackets at front shim area.
D. 51.5 - inches from inside edge of slotted hole, to inside edge of slotted hole. Front firewall can be located no further back than rear edge of this hole.
E. 21.375 - inches from center of lower ball joint grease fitting to front edge of slotted hole.
F. 89.5 - inches from center of lower ball joint grease fitting, to front edge of rear slotted hole.
G. 53.750 - inches from outside edge of frame rail to outside edge of frame rail.
H. 94.0625 - inches from rear edge of crossmember hole, to front edge of rear slotted hole.
I. 93.375 - inches from rear edge of front crossmember hole, to center of rear torque arm mounting pin.
J. 67.375 - inches from rear edge of slotted hole, to front edge of rear slotted hole.
K. 45.3125 - inches from inside edge of slotted hole, to inside edge of slotted hole.
L. 57.8125 - inches from rear edge of slotted hole, to lower outer flange edge of side rail.
M. 49.9375 - inches between lower side surfaces of rear side rails.
N. 16.5625 - inches from top of side rail alongside radiator support mount, to datum line.
O. 10.125 - inches from lowermost surface of side rail at sway bar mounting area, to datum line.
P. Locations for measuring ride height. Dimensions N, O, Q, S and T should be measured at 5 inch ride height. Front, 5 inches below bottom surface of side rail just rear of slotted hole; Rear, 5 inches below bottom surface of side rail alongside front slotted hole.
Q. 15.1875
R. 52.25 - inches from rear edge of flanged tie down hole to lower flange edge of side rail.
S. 15 - inches from top surface of side rail.
T. 12.750- inches from bottom surface of side rail.

- Dimensions are to either the top or bottom surface of the frame rail as indicated.
- All dimensions must be within 0.250-inch tolerance. Exceptions are variances officials verify as crash damage.

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