

S-3. Frame Dimensions

Points for measuring frame alignment are shown in Fig. 296. The correct measurements for each model are given in the table. Point A is at the front of the frame.

A-B and C-D are the distances between spring shackle bolt and spring pivot bolt frame centers measured on a line parallel with the frame centerline. E and F show the shackle bolt centers in relation (above or below) to the pivot bolt centers.

The Planar type of spring suspension used on early Model F4-134 4x2 vehicles makes it impossible to give checking dimensions for the front end of the frame. With the Planar type, the upper edges of the side rails are parallel at the front and at the center of the frame; also, the edges at the front are $4\frac{1}{2}$ " [114 mm.] higher than at the center.

S-4. Straightening Frame

In case the bending or twisting of the frame is not excessive, it may be straightened. This should be done cold, as excessive heat applied to the frame will weaken it. For this reason it is recommended that badly damaged frame parts be replaced.

S-5. Front Axle Alignment

After it has been determined that the frame is properly aligned, the front axle alignment with the frame can be checked. The front axle is square with the frame if the distance between the front and rear axle is the same on both sides. The distance from the spring upper bushings to the front axle on both sides should be equal.

Model	A-B	C-D	Width Front	Width Rear	"E"	"F"
F4-034 4x2 with Planar Front Suspension	$49\frac{3}{16}$ " 1.249 m.	$29\frac{1}{2}$ " .749 m.	$44\frac{1}{2}$ " 1.130 m.	$5\frac{1}{2}$ " above 130.2 mm.
L6-226 4x4 L6-226 4x2 F4-134 4x4 F4-134 4x2	$35\frac{5}{32}$ " .893 m.	$48\frac{3}{4}$ " 1.238 m.	32" .813 m.	$44\frac{1}{2}$ " 1.130 m.	$3\frac{1}{32}$ " above 84.8 mm.	$5\frac{19}{32}$ " above 1.421 mm.
L6-226 4WD F4-134 4WD	$35\frac{5}{32}$ " .893 m.	$48\frac{23}{32}$ " 1.238 m.	32" .813 m.	$49\frac{1}{2}$ " 1.257 m.	$5\frac{3}{8}$ " above 136.5 mm.	$5\frac{19}{32}$ " above 142.1 mm.

FRAME SPECIFICATIONS

Model:	F4-134 4x2 With Planar Front Suspension	L6-226 4x4 L6-226 4x2 F4-134 4x4 F4-134 4x2	L6-226 4WD F4-134 4WD
Frame:	SAE 1020	SAE 1020	SAE 1020
Material.....	5" [12.70 cm.]	$5\frac{1}{2}$ " [13.77 cm.]	$5\frac{1}{2}$ " [13.77 cm.]
Depth Maximum.....	.063" [.160 cm.]	.179" [.454 cm.]	.179" [.454 cm.]
Thickness Maximum.....	$3\frac{3}{4}$ " [9.52 cm.]	2" [5.08 cm.]	2" [5.08 cm.]
Flange Width.....	$154\frac{3}{4}$ " [393.06 cm.]	$159\frac{15}{16}$ " [406.24 cm.]	$176\frac{7}{32}$ " [447.6 cm.]
Length.....	$29\frac{1}{2}$ " [74.93 cm.]	32" [81.28 cm.]	32" [81.28 cm.]
Width — Front.....	$44\frac{1}{2}$ " [113.03 cm.]	$44\frac{1}{2}$ " [113.03 cm.]	$49\frac{1}{2}$ " [125.73 cm.]
Rear.....	4	5	6
No. Cross Members.....	178.5 lbs. [80.96 kg.]	277 lbs. [125.64 kg.]	295 lbs. [133.81 kg.]
Weight.....	104" [264.16 cm.]	$104\frac{1}{2}$ " [265.43 cm.]	118" [299.72 cm.]
Wheelbase.....	$55\frac{1}{4}$ " [140.34 cm.]	57" [144.78 cm.]	57" [144.78 cm.]
Tread — Front.....	57" [144.78 cm.]	57" [144.78 cm.]	$63\frac{1}{2}$ " [160.66 cm.]
Rear.....			