

Wheel Alignment

FORD MOTOR CO. WHEEL ALIGNMENT SPECIFICATIONS (Cont.)

Application	Axle Gap ①	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Steering Axis Inclin.
F250 Supercab [ⓐ]	5.50	+3 ³ / ₈ to +5 ¹ / ₈	.....	1/32-7/32	.....
	5.00	+4 ³ / ₄ to +6 ³ / ₈	+2 ¹ / ₄ to +3 ¹ / ₄	1/32-7/32	.....
	4.50	+6 to +7 ⁵ / ₈	+1 ³ / ₈ to +2 ³ / ₈	1/32-7/32	.....
	4.00	+7 ¹ / ₄ to +8 ¹ / ₂	+3 ³ / ₈ to +1 ¹ / ₂	1/32-7/32	.....
	3.50	.....	-5 ⁵ / ₈ to +5 ⁵ / ₈	1/32-7/32	.....
E100, 150 & 250 [ⓑ]	5.50	+3 ³ / ₈ to +5 ¹ / ₈	.....	3/32-5/32	.....
	5.00	+4 ³ / ₄ to +6 ³ / ₈	+2 ¹ / ₄ to +3 ¹ / ₄	3/32-5/32	.....
	4.50	+6 to +7 ⁵ / ₈	+1 ³ / ₈ to +2 ³ / ₈	3/32-5/32	.....
	4.00	+7 ¹ / ₄ to +8 ¹ / ₂	+3 ³ / ₈ to +1 ¹ / ₂	3/32-5/32	.....
	3.50	.....	-5 ⁵ / ₈ to +5 ⁵ / ₈	3/32-5/32	.....
E250 & 350 [ⓐ]	5.30	+3 ³ / ₈ to +5 ¹ / ₈	.....	3/32-5/32	.....
	4.80	+4 ³ / ₄ to +6 ³ / ₈	+2 ¹ / ₄ to +3 ¹ / ₄	3/32-5/32	.....
	4.30	+6 to +7 ⁵ / ₈	+1 ³ / ₈ to +2 ³ / ₈	3/32-5/32	.....
	3.80	+7 ¹ / ₄ to +8 ¹ / ₂	+3 ³ / ₈ to +1 ¹ / ₂	3/32-5/32	.....
	3.30	.....	-5 ⁵ / ₈ to +5 ⁵ / ₈	3/32-5/32	.....
F100 4WD & "U" Models	.....	+2 ³ / ₄ to +4 ¹ / ₄	+1 to +2	1/16-1/4	8 ¹ / ₂
F250 4WD	.....	+3 ¹ / ₂ to +4 ¹ / ₂	+1 to +2	1/16-1/4	7 ¹ / ₂
P350	.....	+3 ³ / ₄ to +5 ¹ / ₄	+3 ³ / ₈ to +7 ³ / ₈	1/16-3/16	4 ¹ / ₂

- ① - Axle Gap is clearance between top of axle and frame.
- ⓐ - Except Supercab models and F250 6900 GVW (W/460" engine), 7500 & 8050 GVW models.
- ⓑ - 6900 GVW models W/460" engine and 7500 & 8050 GVW models, except Supercab.
- ⓐ - Except Supercab models.
- ⓑ - Except F250 6300-7800 GVW models.
- ⓐ - F250 6300-7800 GVW models.
- ⓐ - Camber angle only for E250.
- ⓐ - Caster angle only for E250.

GENERAL MOTORS WHEEL ALIGNMENT SPECIFICATIONS

Application	Axle Gap ①	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Steering Axis Inclin.
CHEVROLET C10	3.0	+2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 1/4 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	+3/4 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	+1/4 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	5.0	-1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
C20/30	3.0	+1 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	0 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	-1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	5.0	-1 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
K10/20 P10/20/30	.....	+4 ± 1/2	+1 1/2 ± 1/2	0 ± 1/16	.....
	3.0	+2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	+3/4 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	+1/4 ± 1/2	0 ± 1/2	3/16 ± 1/16	.....
G10/20/30	5.0	-1/4 ± 1/2	-1/4 ± 1/2	3/16 ± 1/16	.....
	3.0	+1 1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	+1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	0 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....
5.0	-1/2 ± 1/2	+1/4 ± 1/2	3/16 ± 1/16	.....

- ① - Axle gap is clearance between jounce bumper bracket and frame.

Wheel Alignment

GENERAL MOTORS WHEEL ALIGNMENT SPECIFICATIONS (Cont.)

Application	Axle Gap ①	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Steering Axis Inclin.
GMC					
C1500	3.0	+2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 1/4 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	+ 3/4 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	+ 1/4 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	5.0	- 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
C2500/3500	3.0	+1 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+ 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	0 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	- 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	5.0	- 1 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
K1500/2500 P1500/2500/3500	.....	+4 ± 1/2	+1 ± 1/2	3/16 ± 1/16	.....
	3.0	+2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	+ 3/4 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	+ 1/4 ± 1/2	0 ± 1/2	3/16 ± 1/16	.....
	5.0	- 1/4 ± 1/2	- 1/4 ± 1/2	3/16 ± 1/16	.....
G1500/2500/3500	3.0	+1 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	3.5	+1 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.0	1/2 + 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	4.5	0 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
	5.0	- 1/2 ± 1/2	+ 1/4 ± 1/2	3/16 ± 1/16	.....
GMC Motor Home	.....	+2 1/2 ± 1/2	②	0 ± 1/8	.....

① — Axle gap is clearance between jounce bumper bracket and frame.

② — Left side is + 3/4 ± 1/4. Right side is + 5/8 ± 3/8.

INTERNATIONAL HARVESTER WHEEL ALIGNMENT SPECIFICATIONS

Application	Axle Gap	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Steering Axis Inclin.
1310MHC	.....	+3 1/2 to +4 1/2	.....	0 to 1/8	4
MS1210	.....	① +1 to +3	0 to +1	0 to 1/8	4
150 & 200 2WD	2.8	+1 to +2	②	0 to 1/8	.....
	3.6	0 to +1	③	0 to 1/8	.....
	4.4	-1 to 0	③	0 to 1/8	.....
	5.2	-2 to -1	④	0 to 1/8	.....
4WD					
Closed Knuckle⑤	.....	+1 ± 1	+1 ± 1/2	1/32 - 1/16	8
Open Knuckle⑤	.....	0 ± 1	+1 ± 1/2	1/16 ± 1/16	8 1/2
Scout					
2WD	.....	0 ± 1	+1 ± 1/2	3/32 - 5/16	8 1/2
4WD	.....	⑥ 0 ± 1	+1 ± 1/2	1/16 ± 1/16	8 1/2

① — Models with axle code number 02028 should have Caster setting of +2 1/2 to +3 1/2°.

② — Left side is + 1/8 ± 1/4. Right side is - 1/8 ± 1/4.

③ — Left side is + 1/4 ± 1/4. Right side is 0 ± 1/4.

④ — Left side is - 1/4 ± 1/4. Right side is - 1/2 ± 1/4.

⑤ — See Open or Closed Steering Knuckle in Drive Axle Section.

⑥ — Models with Dana-Spicer Model 30 should have Caster reading of 0 to +1°.

JEEP WHEEL ALIGNMENT SPECIFICATIONS

Application	Axle Gap	Caster (Degrees)	Camber (Degrees)	Toe-In (Inches)	Steering Axis Inclin.
"CJ" Models	+3 to +4	+1 1/2 to +2	3/64 - 3/32	8 1/2
All Other Models	+4 to +5	+1 1/2 to +2	3/64 - 3/32	8 1/2