

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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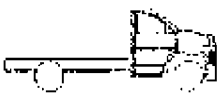

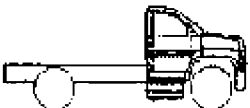
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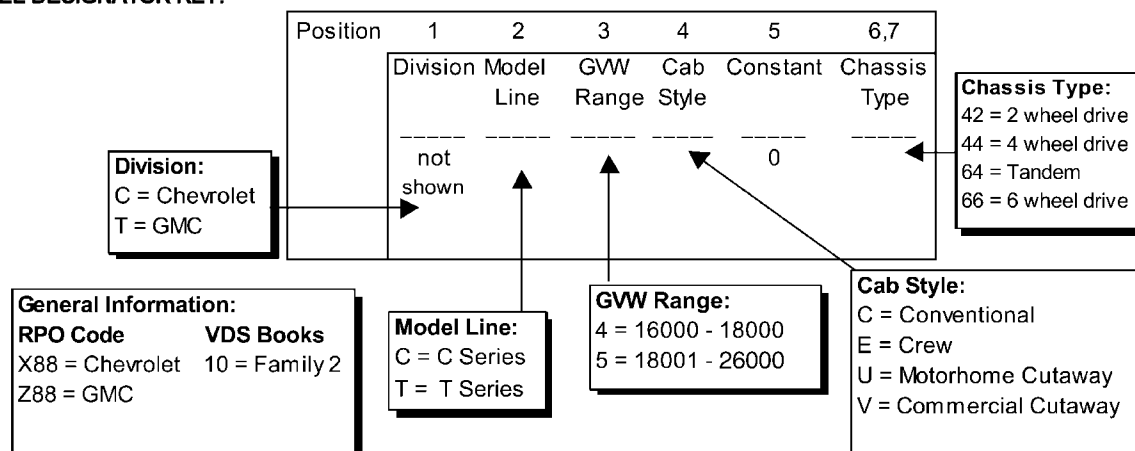
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## MODEL SYMBOL CHART

			
Conventional Cab Chassis 2 wheel drive	Crew Cab Chassis 2 wheel drive	Motorhome Cutaway Cab Chassis 2 wheel drive	Commercial Cutaway Cab Chassis 2 wheel drive
C4C042 C5C042	C4E042 C5E042	C4U042 C5U042	C4V042 C5V042

### MODEL DESIGNATOR KEY:



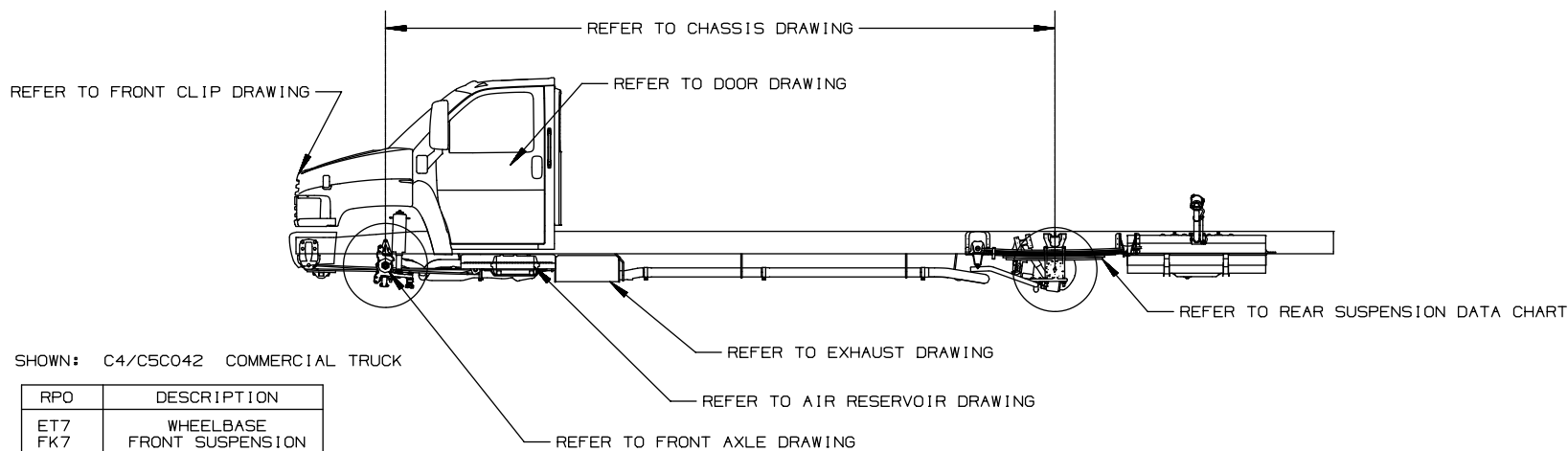
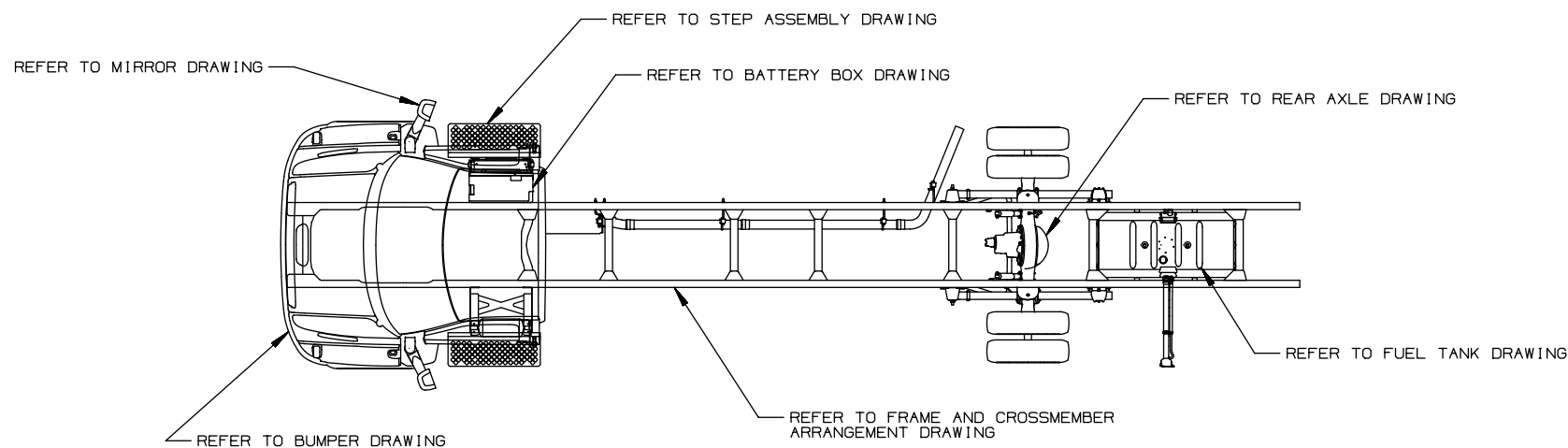


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## C4/C5C,U,V042 General Arrangement



SHOWN: C4/C5C042 COMMERCIAL TRUCK

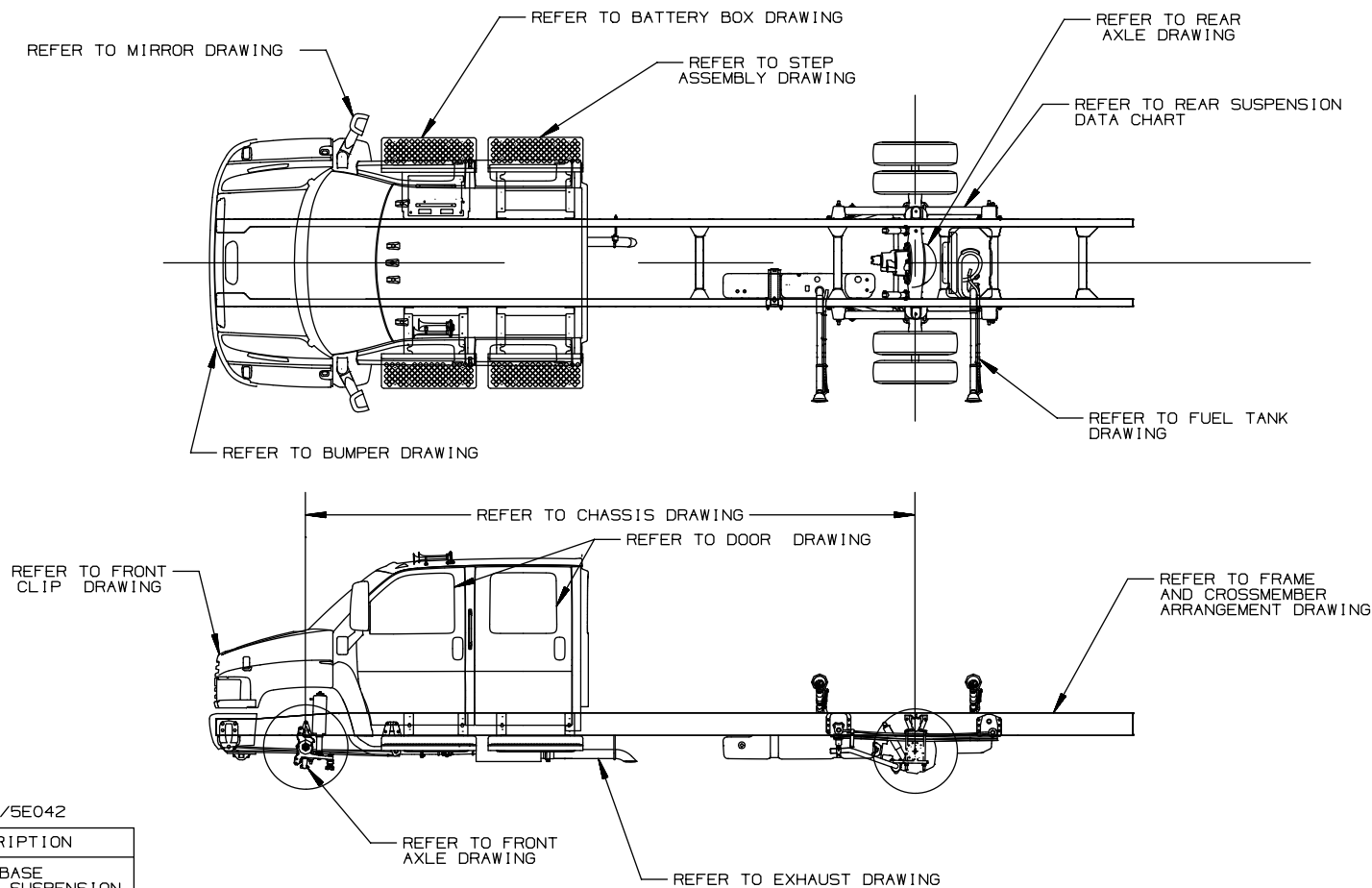
RPO	DESCRIPTION
ET7	WHEELBASE
FK7	FRONT SUSPENSION
GR4	REAR SUSPENSION
N1B	EXHAUST
N23	FUEL TANK

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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5E042 General Arrangement



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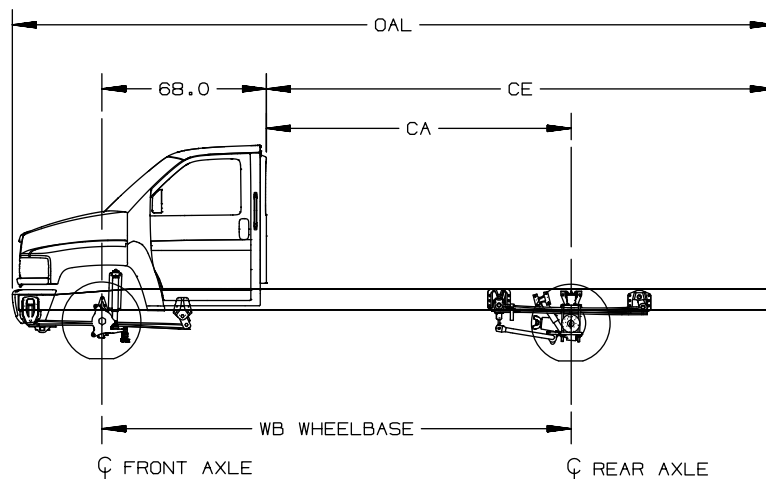
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## C4/C5C042 Body Payload Weight Distribution



### NOTES:

\* PERCENTAGES ALLOWED FOR 3" CB (CAB TO BODY CLEARANCE) AND ARE BASED ON EVEN DISTRIBUTION OF WEIGHT (FORMULA:  $(CA - CB - 1/2BL) / WB$  CGA OR % FRONT AXLE)

\*\* EFFECTIVE LENGTH IN WHICH FRONT AXLE LOAD IS 6% OR LESS IS NORMALLY POOR DISTRIBUTION

\*\*\* N/A ON C4C042

C4C/C5C042 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) \*

DIMENSIONS (IN)				** BODY LENGTHS (FT)													
WHEELBASE	CA	CE	OAL	8	9	10	12	14	15	16	17	18	19	20	22	24	26
EC9/128	[ 60.0 ]	[ 100.5 ]	[ 205.5 ]	7/93													
FQT/140	[ 72.0 ]	[ 145.6 ]	[ 250.6 ]	15/85	11/89	6/94											
EG9/152	[ 84.0 ]	[ 145.6 ]	[ 250.6 ]		18/82	14/86	6/94										
EH8/170	[ 102.0 ]	[ 171.6 ]	[ 276.6 ]				16/84	9/91	5/95								
FNW/176	[ 108.0 ]	[ 177.7 ]	[ 282.7 ]				19/81	12/88	9/91	5/95							
EK8/188	[ 120.0 ]	[ 204.1 ]	[ 309.1 ]				24/76	18/82	14/86	11/89	8/92	5/95					
*** EK4/194	[ 126.0 ]	[ 210.0 ]	[ 315.0 ]					20/80	17/83	14/86	11/89	8/92	5/95				
*** EK5/206	[ 138.0 ]	[ 222.0 ]	[ 327.0 ]					25/75	22/78	19/81	16/84	13/87	10/90	7/93			
EK6/224	[ 156.0 ]	[ 240.0 ]	[ 345.0 ]						28/72	25/75	23/77	20/80	17/83	15/85	9/91		
EE4/254	[ 186.0 ]	[ 278.7 ]	[ 383.7 ]									30/70	27/73	25/75	20/80	15/85	13/87

FOR: GMT 560, C4C0/C5C042, 2004

[ ] = INCHES

FOR MILLIMETER CONVERSION MULTIPLY X 25.4

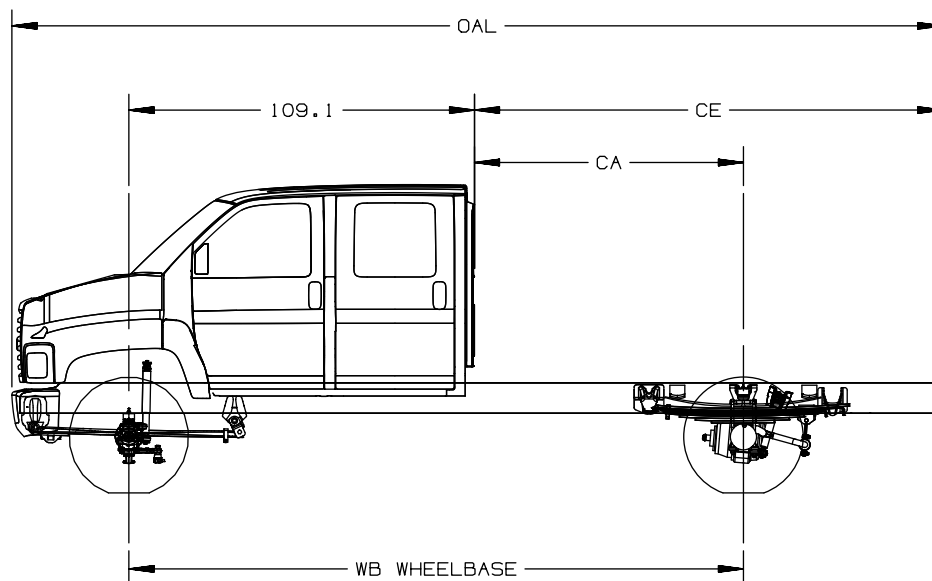
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## C4/C5E042 Body Payload Weight Distribution



### NOTES:

\* PERCENTAGES ALLOWED FOR 3" CB (CAB TO BODY CLEARANCE) AND ARE BASED ON EVEN DISTRIBUTION OF WEIGHT (FORMULA:  $(CA - CB - 1/2BL) / WB$  CGA OR % FRONT AXLE)

\*\* EFFECTIVE LENGTH IN WHICH FRONT AXLE LOAD IS 6% OR LESS IS NORMALLY POOR DISTRIBUTION

\*\*\* N/A ON C4E042

C6E/C7E/C8E042 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) \*

DIMENSIONS (IN)				** BODY LENGTHS (FT)									
WHEELBASE	CA	CE	OAL	7	8	9	10	12	14	15	16	17	18
FPP/169	59.9	121.6	267.6	9/91	5/95								
EK4/194	84.9	146.6	292.6			14/86	11/89	5/95					
ED7/217	107.9	191.9	337.9					15/85	10/90	7/93			
EQ4/229	119.9	203.9	350.0					20/80	14/86	12/88	9/91	7/93	
*** FRP/235	125.9	210.0	356.0						17/83	14/86	11/89	9/91	6/94
EU5/265	156.0	240.0	386.0							24/76	22/78	19/81	17/83

FOR: GMT 560, C4E0/C5E042, 2004

1" = INCHES

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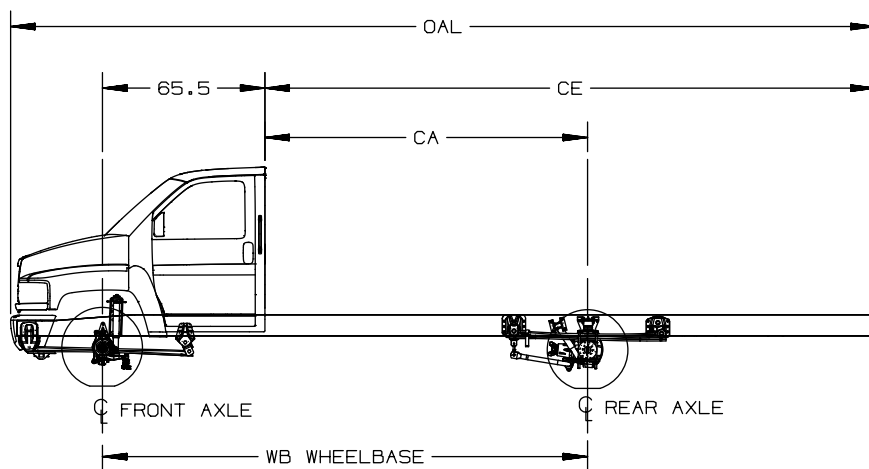
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## C4/C5U042 RV Cutaway Body Payload Weight Distribution



### NOTES:

\* PERCENTAGES ARE BASED ON EVEN DISTRIBUTION OF WEIGHT  
(FORMULA:  $(CA - 1/2BL) / WB$  CGA OR % FRONT AXLE)

\*\* EFFECTIVE LENGTH IN WHICH FRONT AXLE LOAD IS 6% OR LESS IS NORMALLY POOR DISTRIBUTION

\*\*\* N/A ON C4U042

C4U0/C5U042 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) \*

EXPANDED GVW MOTORHOMES (22,24,26K) SHOULD NOT BE CONFIGURED SUCH THAT FRAME IS SUBJECTED TO REAR BIAS LOADING. REAR BIAS LOADING IS DEFINED AS CENTER OF GRAVITY OF LOAD LOCATED BEHIND REAR AXLE.

DIMENSIONS (IN)				** BODY LENGTHS (FT)										
WHEELBASE	CA	CE	OAL	10	12	14	15	16	17	18	19	20	22	24
EC1/165.5	[ 100.0 ]	[ 183.9 ]	[ 286.4 ]	24/76	17/83	9/91								
EC2/183.5	[ 118.0 ]	[ 218.4 ]	[ 320.9 ]	31/69	25/75	18/82	15/85	11/89	8/92					
*** EC3/195.5	[ 130.0 ]	[ 245.9 ]	[ 348.4 ]		29/71	23/77	20/80	17/83	14/86	11/89	8/92			
*** EC4/213.5	[ 148.0 ]	[ 264.1 ]	[ 366.5 ]		35/65	29/71	27/73	24/76	21/79	18/82	15/85	13/87	7/93	
EP5/221.5	[ 156.0 ]	[ 284.0 ]	[ 386.4 ]			32/68	29/71	27/73	24/76	21/79	18/82	16/84	10/90	
*** E08/233	(167.5)	(300.0)	(402.4)			35/65	33/67	30/70	28/72	25/75	23/77	20/80	15/85	10/90
*** FXA/239	(173.5)	(286.7)	(389.2)				34/66	32/68	29/71	27/73	24/76	22/78	17/83	12/88

FOR: GMT 560, C4U0/C5U042

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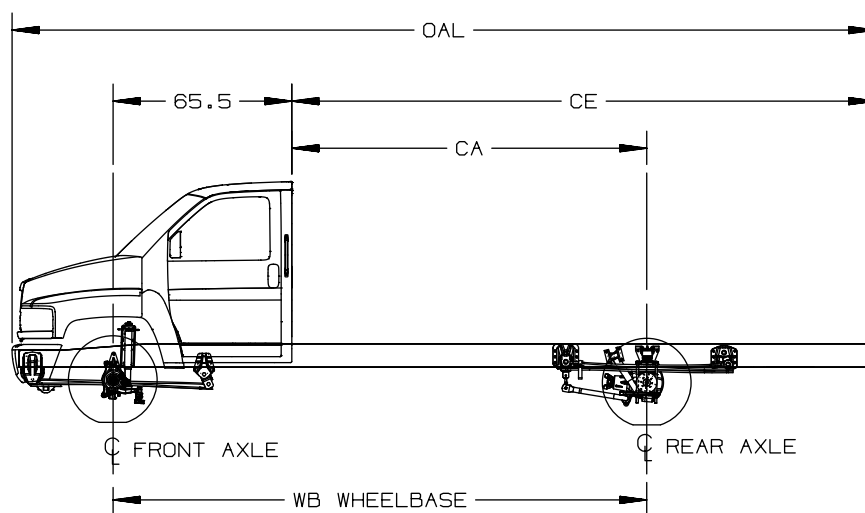
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5V042 Commercial Cutaway Body Payload Weight Distribution



### NOTES:

\* PERCENTAGES ARE BASED ON EVEN DISTRIBUTION OF WEIGHT  
(FORMULA:  $(CA - 1/2BL) / WB$  CGA OR % FRONT AXLE)

\*\* EFFECTIVE LENGTH IN WHICH FRONT AXLE LOAD IS 6% OR LESS IS NORMALLY POOR DISTRIBUTION

\*\*\* N/A ON C4V042

C4V0/C5V042 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) \*

DIMENSIONS (IN)				** BODY LENGTHS (FT)											
WHEELBASE	CA	CE	OAL	10	12	14	15	16	17	18	19	20	22	24	26
EC1/165.5	[ 100.0 ]	[ 170.7 ]	[ 273.2 ]	24/76	17/83	9/91									
EC2/183.5	[ 118.0 ]	[ 201.8 ]	[ 304.3 ]	31/69	25/75	18/82	15/85	11/89							
EC3/195.5	[ 130.0 ]	[ 213.9 ]	[ 316.3 ]	35/65	29/71	23/77	20/80	17/83	14/86	11/89	8/92				
EP5/221.5	[ 156.0 ]	[ 240.0 ]	[ 342.5 ]		37/63	32/68	29/71	27/73	24/76	21/79	19/81	16/84	10/90		
*** EQ8/233	[ 167.5 ]	[ 251.5 ]	[ 354.0 ]			35/65	33/67	30/70	28/72	25/75	23/77	20/80	15/85	10/90	

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FOR: GMT 560, C4V0/C5V042

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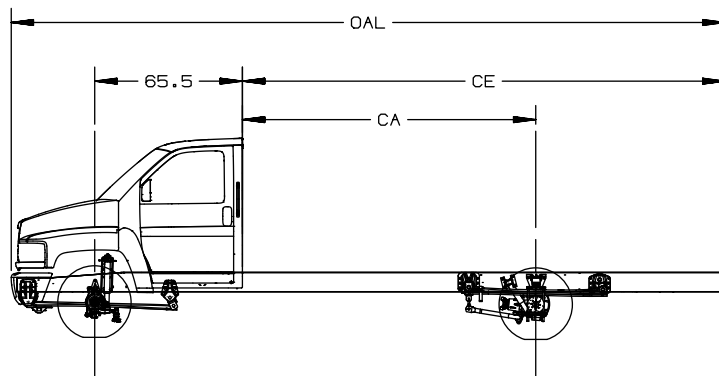
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## Body Payload Weight Distribution – Commercial Cutaway (ANC-Shuttle Bus, B3D-School Bus)



### NOTES:

PERCENTAGES ARE BASED ON EVEN DISTRIBUTION OF WEIGHT  
(FORMULA:  $(CA - 1/2BL) / WB$  CGA OR % FRONT AXLE)

EFFECTIVE LENGTH IN WHICH FRONT AXLE LOAD IS 6% OR LESS IS NORMALLY POOR DISTRIBUTION

\*\*C4V042/C5V042

\*C5V042

C4V0/C5V042 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR)

DIMENSIONS (IN)				** BODY LENGTHS (FT)												RPO
WHEELBASE	CA	CE	OAL	10	12	14	15	16	17	18	19	20	22	24	26	ANC/B3D
** EC1 165.5	100.0	188.7	291.1	24/76	17/83	9/91										ANC/B3D
** EC2 183.5	118.0	206.6	309.1	31/69	25/75	18/82	15/85	11/89								ANC/B3D
* EC3 195.5	130.0	218.6	321.1	35/65	29/71	23/77	20/80	17/83	14/86	11/89						ANC/B3D
* EC4 213.5	148.0	236.7	339.2		35/65	29/71	27/73	24/76	21/79	18/82	15/85	13/87	7/93			ANC
* EC4 213.5	148.0	262.5	365.0		35/65	29/71	27/73	24/76	21/79	18/82	15/85	13/87	7/93			ANC
* EQE 220	154.5	261.0	363.4		37/63	32/68	29/71	26/74	23/77	21/79	18/82	15/85	10/90			ANC/B3D
* EQ8 233	167.5	273.9	376.4			35/65	33/67	30/70	28/72	25/75	23/77	20/80	15/85	10/90		ANC/B3D
* EQ1 246	180.5	286.9	389.4				36/64	34/66	31/69	29/71	27/73	24/76	19/81	14/86	9/91	ANC/B3D
* ET7 259	193.5	299.9	402.4					37/63	35/65	33/67	30/70	28/72	23/77	19/81	14/86	ANC/B3D

40 GALLON FUEL TANK  
60 GALLON FUEL TANK

FOR: GMT 560, C4V0/C5V042, 2004

ANC= SHUTTLE BUS

B3D= SCHOOL BUS

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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## Formulas for Calculating Height Dimensions to Top of Frame

### Front Axle

#### **Sample Data:**

Model	Tire	Tire Loaded Radius	LH	C	D
C5C042	225/70R19.5F R3C/S3C (Goodyear)	15"	8.27"	6.78"	4.83"
Frame Reinforcement RPO		Wheelbase	Suspension RPO	Axle RPO	
F08		EG9	FK7 (6,000 lb)	FN9 (6,000 lb)	

#### **Formulas:**

CH = C + Tire Loaded Radius + LH

DH = D + Tire Loaded Radius + LH

CH = 6.78" + 15" + 8.27" = 30.05"

DH = 4.83" + 15" + 8.27" = 28.1"

#### **Definitions:**

C – Centerline of axle to bottom inside of rail at curb position

D – Centerline of axle to bottom inside of rail at design load

LH – Distance from the bottom inside rail to the top of the rail

**NOTE:** See the tire data charts for the following values: Tire Model and Tire Loaded Radius.

For the C & D values see the Front Axle and Suspension Chart.

For the LH values see the Frame Length with Reinforcements section.

#### **Step Height Dimensions:**

When calculating step height dimensions see the step assembly location, and the frame drawings for values.



# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## Formulas for Calculating Height Dimensions to Top of Frame

### Rear Axle

#### **Sample Data:**

Model	Tire	Tire Loaded Radius	LH	C	D
C5C042	225/70R19.5F S3H (Goodyear)	15.1"	8.35"	8.63"	6.41"
Frame Reinforcement RPO		Wheelbase	Suspension RPO	Axle RPO	
F08		EK8	GR4 (13,500 lb)	GL8 (13,500 lb)	

#### **Formulas:**

CH = Tire Loaded Radius + C + LH

CH = 15.1" + 8.63" + 8.35" = 32.08"

DH = Tire Loaded Radius + D + LH

DH = 15.1" + 6.41" + 8.35" = 29.86"

#### **Definitions:**

C – Centerline of axle to bottom inside of rail at curb position

D – Centerline of axle to bottom inside of rail at design load

LH – Distance from the bottom inside rail to the top of the rail

**NOTE:** See the tire data charts for the following values: Tire Model and Tire Loaded Radius.

For the C & D values see the Rear Axle and Suspension Chart.

For the LH values see the Frame Length with Reinforcements section.

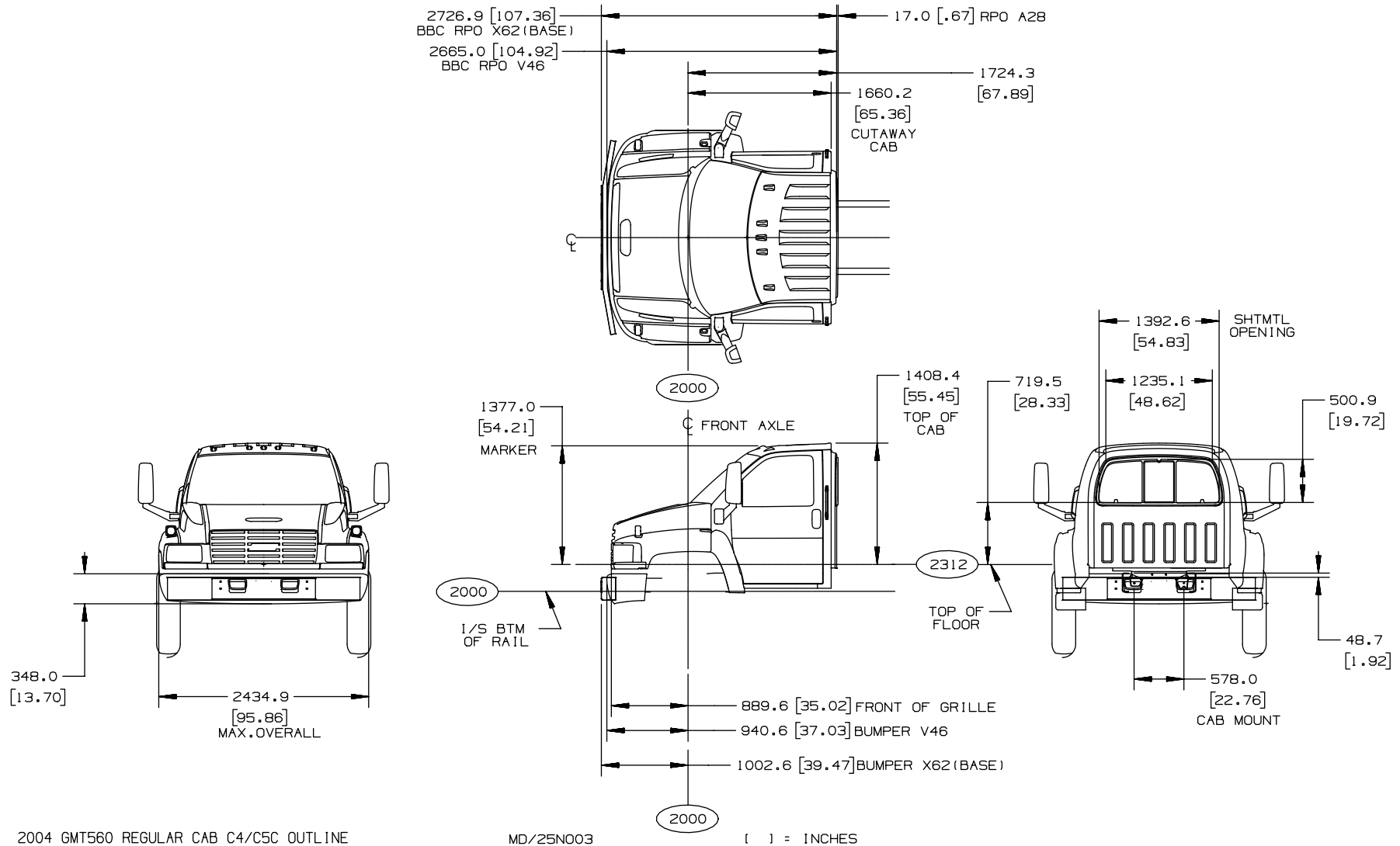
#### **Step Height Dimensions:**

When calculating step height dimensions see the step assembly location, and the frame drawings for values.

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## C4/C5C,U,V042 Regular Cab Exterior

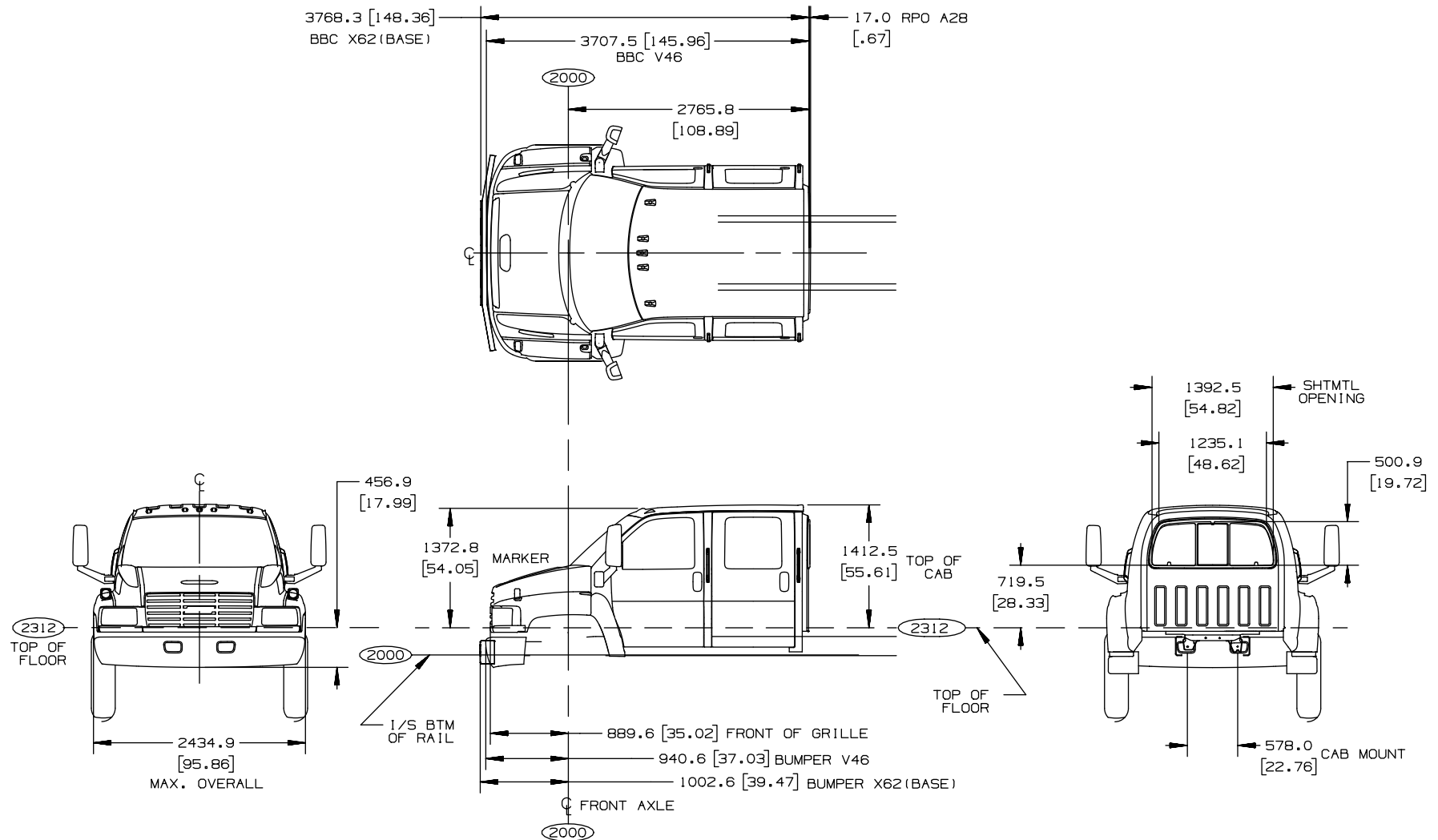


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## C4/C5E042 Crew Cab Exterior



GMT560,C4/5/E042,CREW CAB OUTLINE,2004

24JN04 NI

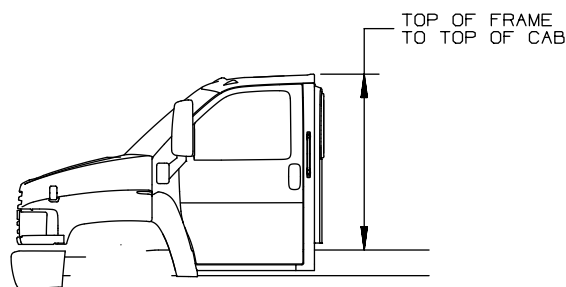
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## Cab Heights – Top of Frame to Top of Cab Dimensions



MEDIUM DUTY, C SERIES - FAMILY 2		
	FRAME RAIL THICKNESS	
	6.0 [ 0.24 ]	8.0 [ 0.32 ]
MODELS	DIMENSION: TOP OF FRAME TO TOP OF CAB	
REG. CAB - (C4/C5C)042/044	1510.4 [ 59.46 ]	1508.4 [ 59.39 ]
CUTAWAY CAB - (C4/C5U)042&(C4/C5V)042		
CREW CAB - (C4/C5E)042/044	1515.0 [ 59.64 ]	1513.0 [ 59.57 ]

MEDIUM DUTY, C SERIES - FAMILY 3						
FRAME OPTIONS #	FRAME RAIL THICKNESS			FRAME RAIL THICKNESS		
	F00	F05	F02	F00	F05	F02
	6.0 [ 0.24 ]	8.0 [ 0.32 ]	10.0 [ 0.39 ]	6.0 [ 0.24 ]	8.0 [ 0.32 ]	10.0 [ 0.39 ]
INVERTED L REINF. OPTIONS #				F08	F08/FSA	F20/FSC
				6.0 [ 0.24 ]	6.0 [ 0.24 ]	6.0 [ 0.24 ]
MODELS	DIM: TOP OF FRAME TO TOP OF CAB			DIM: TOP OF FRAME REINF. TO TOP OF CAB		
REG. CAB - (C6/C7/C8C)042/064	1580.5 [ 62.20 ]	1578.5 [ 62.10 ]	1551.5 [ 61.10 ]	1574.5 [ 62.00 ]	1572.5 [ 61.90 ]	1545.5 [ 60.80 ]
CUTAWAY CAB - (C6/C7/C8V)042/064						
CREW CAB - (C6/C7/C8E)042/064	1584.6 [ 62.40 ]	1582.6 [ 62.30 ]	1555.6 [ 61.20 ]	1578.6 [ 62.10 ]	1576.6 [ 62.10 ]	1549.6 [ 61.00 ]

22JN04 NI

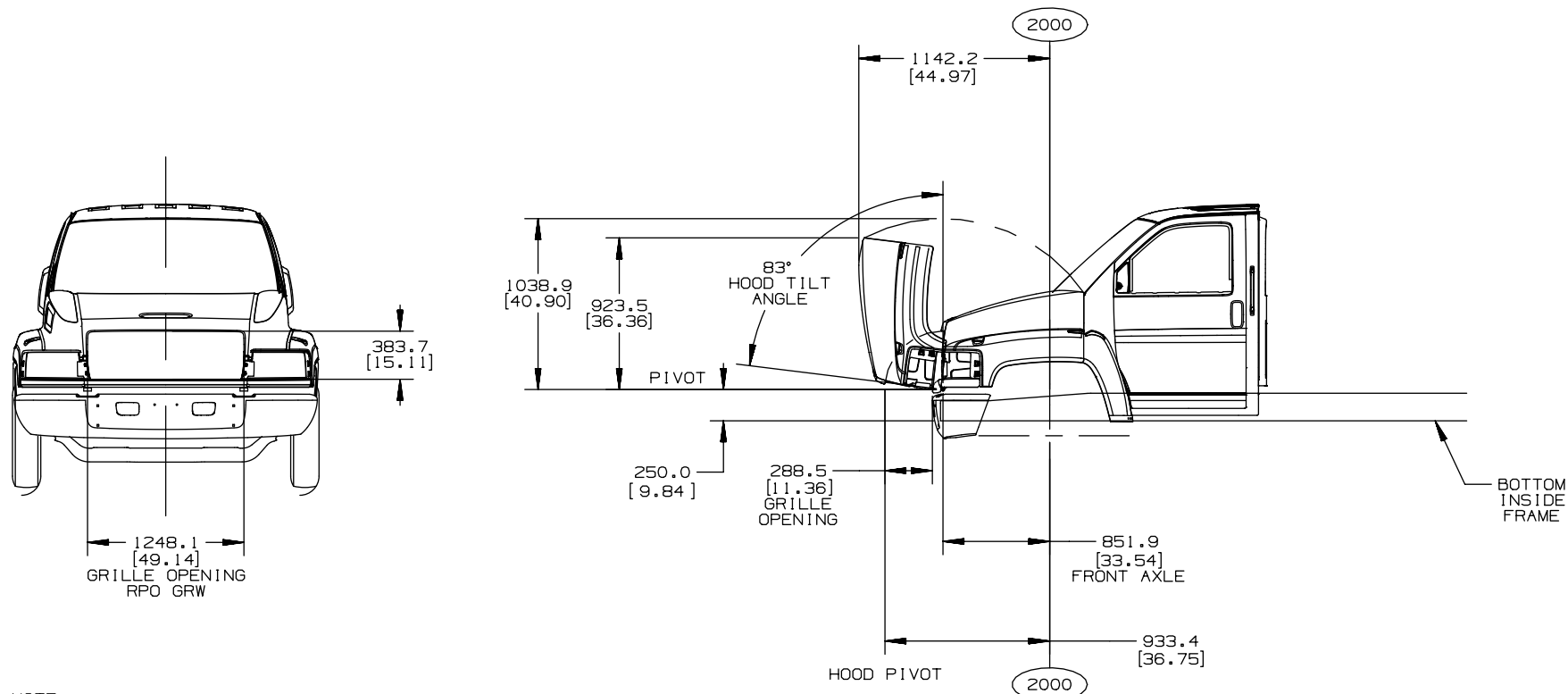
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Hood Opening and Swing



NOTE:  
ALL VERTICAL DIMENSIONS  
ARE FROM THE INSIDE  
BOTTOM FLANGE OF FRAME

HOOD OPENING & SWING  
GMT 560, C4/5, 2003

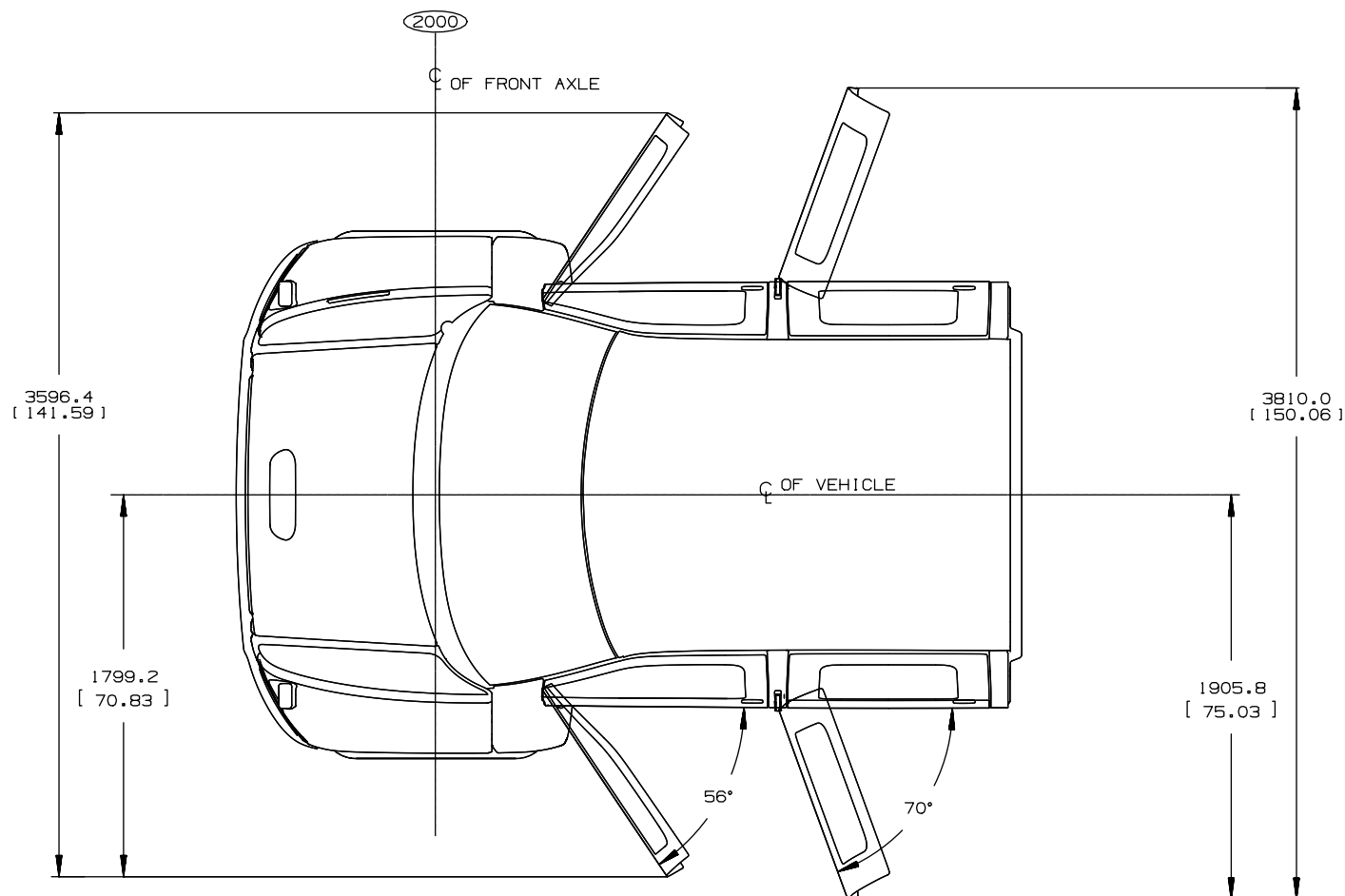
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Door Swing



[ ] = INCHES

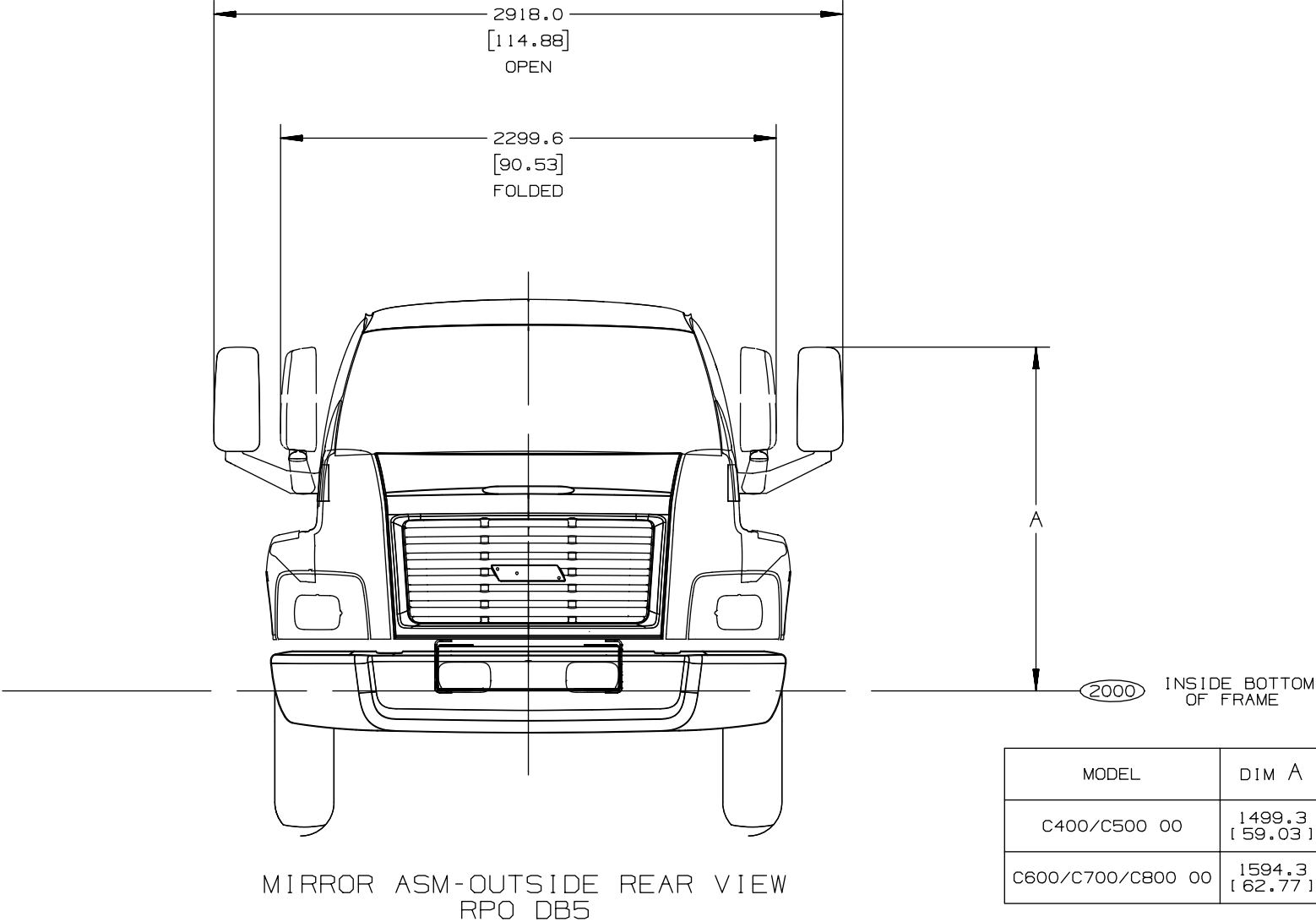
DOOR SWING GMT 560, C/6/7/8,E042, C8C064, 2003

NOTE:  
REAR DOORS ARE FOR  
CREW CAB ONLY C8C064

TD005850

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Mirror



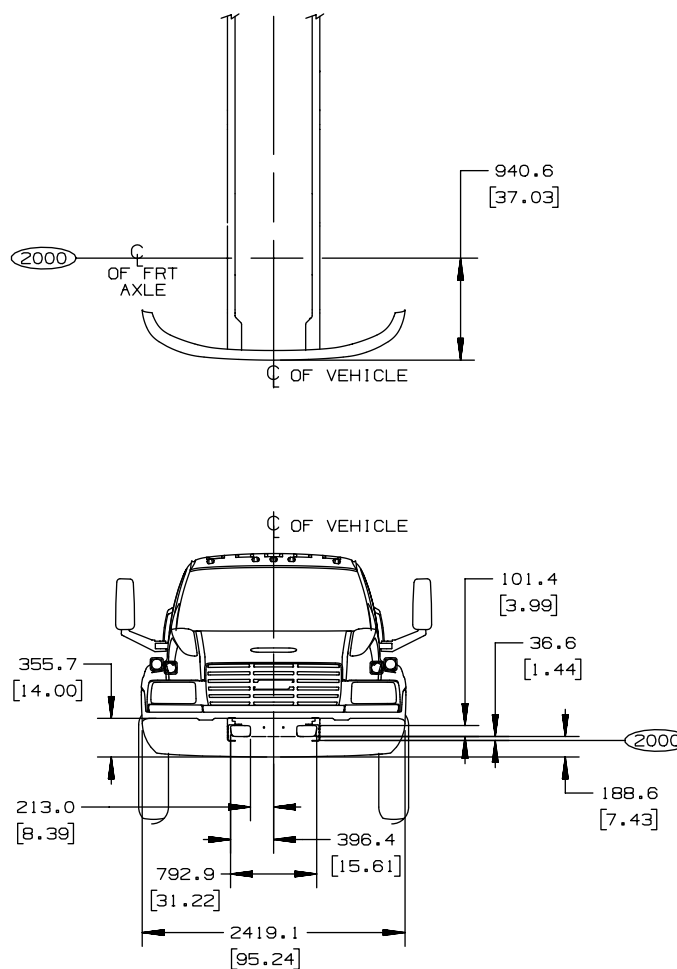
[ ] = INCHES

TD005862

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 17

## C4/C5C,E,U,V042 Front Bumpers



FRONT BUMPER, GMT 560, C4/5

BASE - VH6: ARGENT  
V46: CHROME

21/JN04 N1

[ ] = INCHES

TD005884a

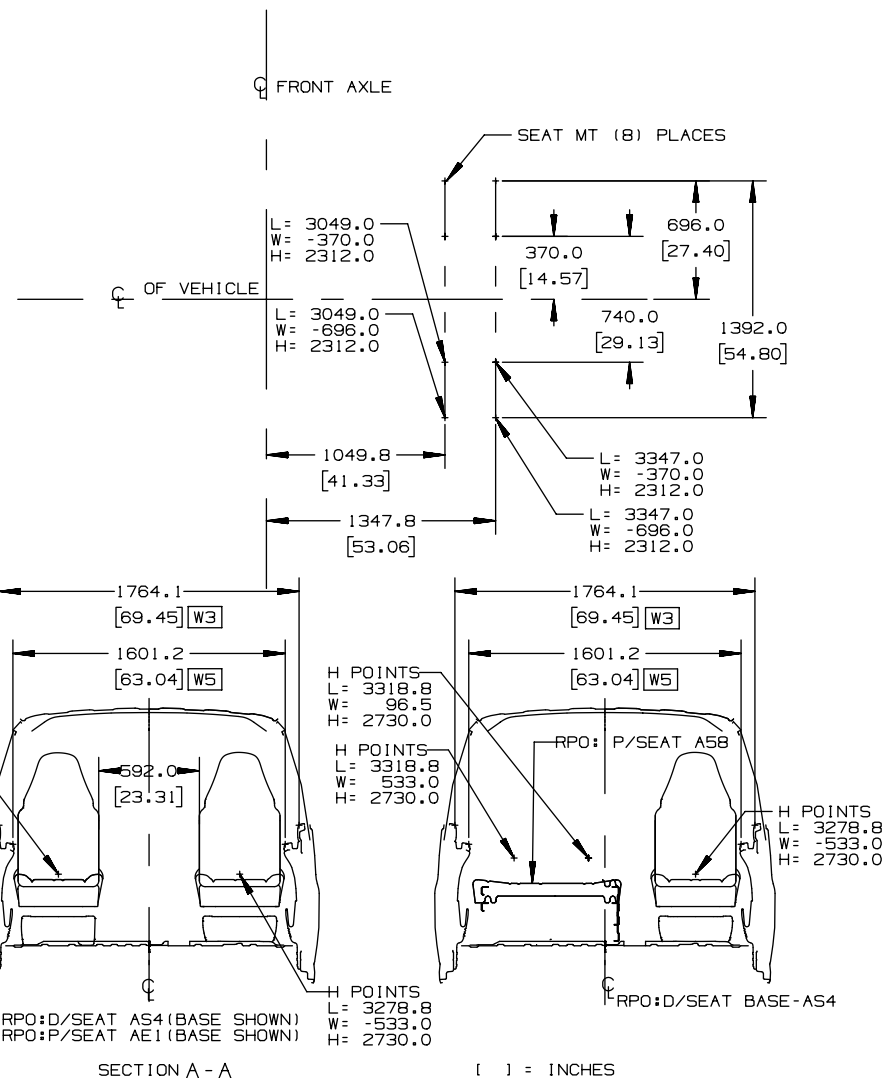
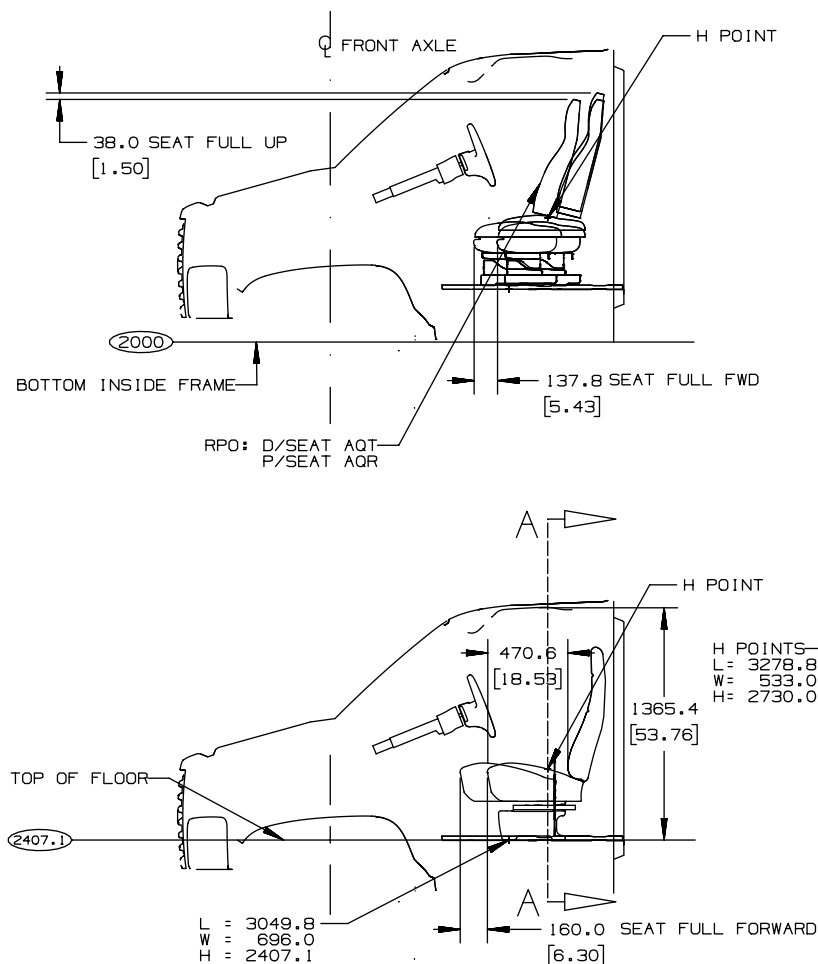


# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 18

## C4/C5C,U,V042 Regular Cab Interior Seating

INTERIOR SEATING  
GMT 560, C4/5



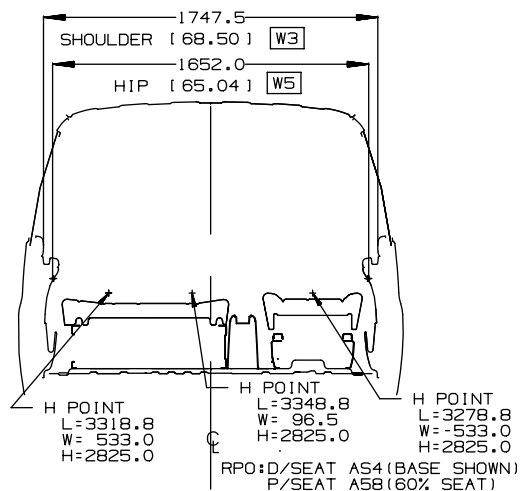
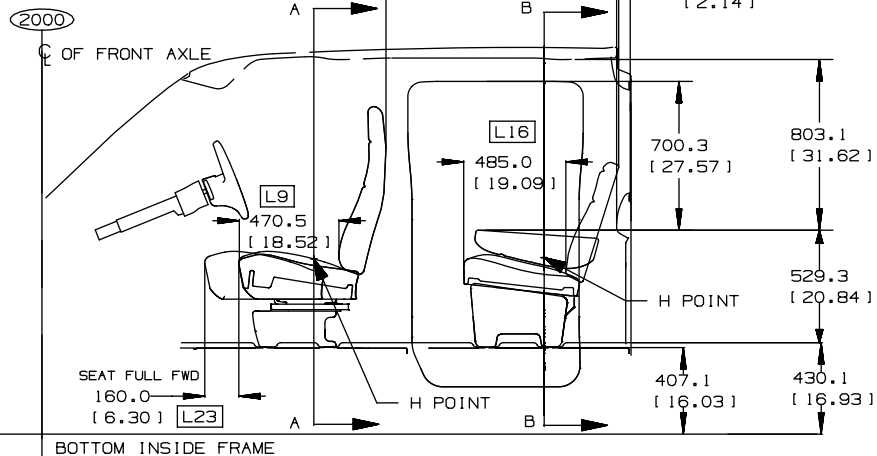
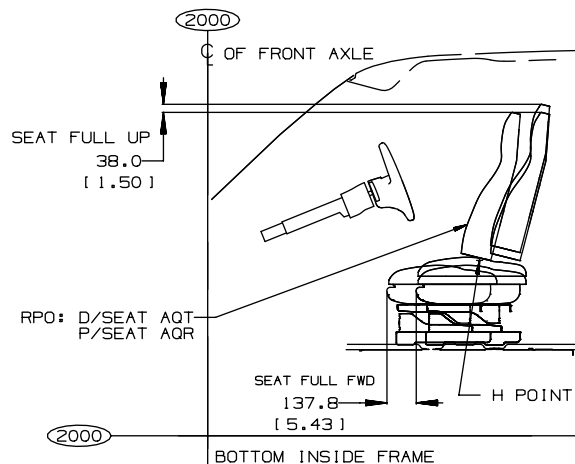
TD005857a

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

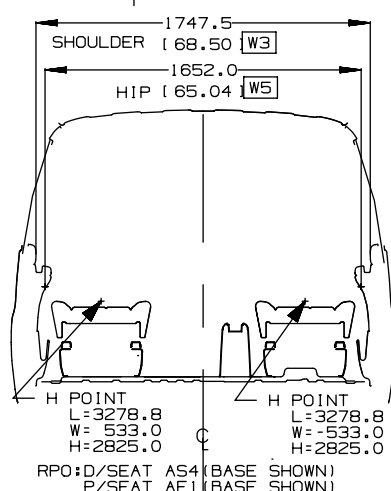
PAGE 19

## C4/C5E042 Crew Cab Interior Seating

INTERIOR SEATING  
GMT 560, C6/7/8E042, 2003

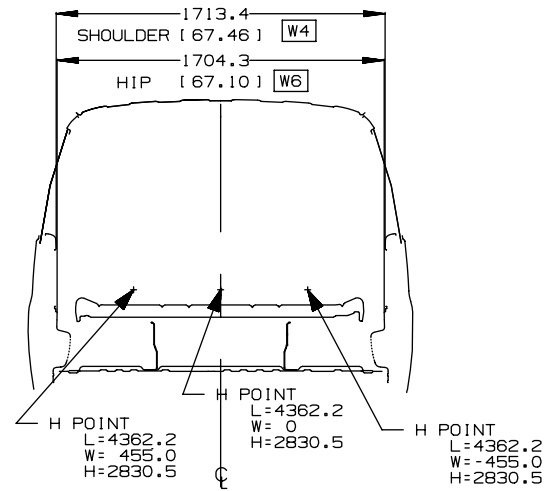


SECTION A-A



SECTION A-A

[ ] = INCHES



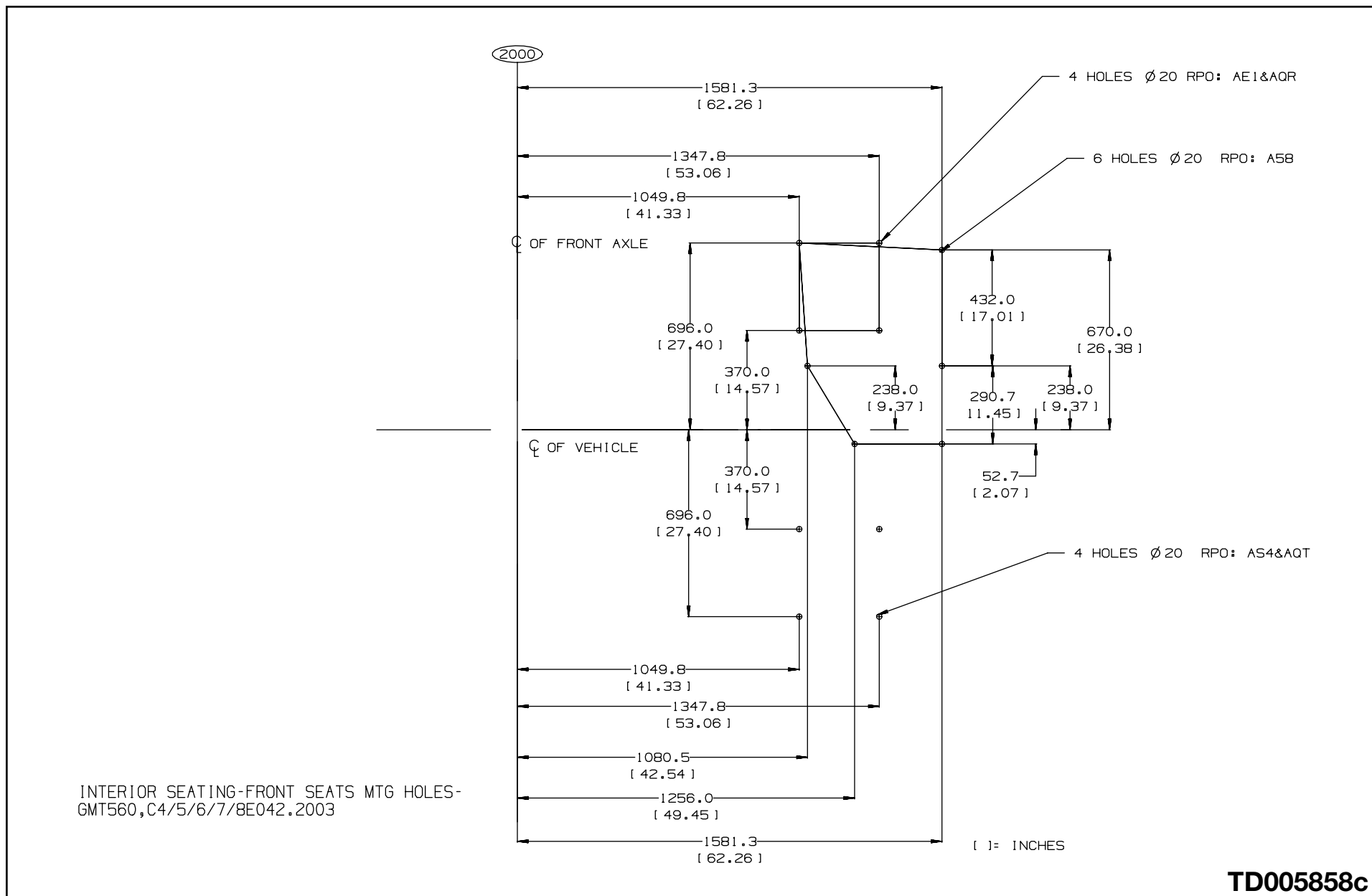
SECTION B-B

TD005858a

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 20

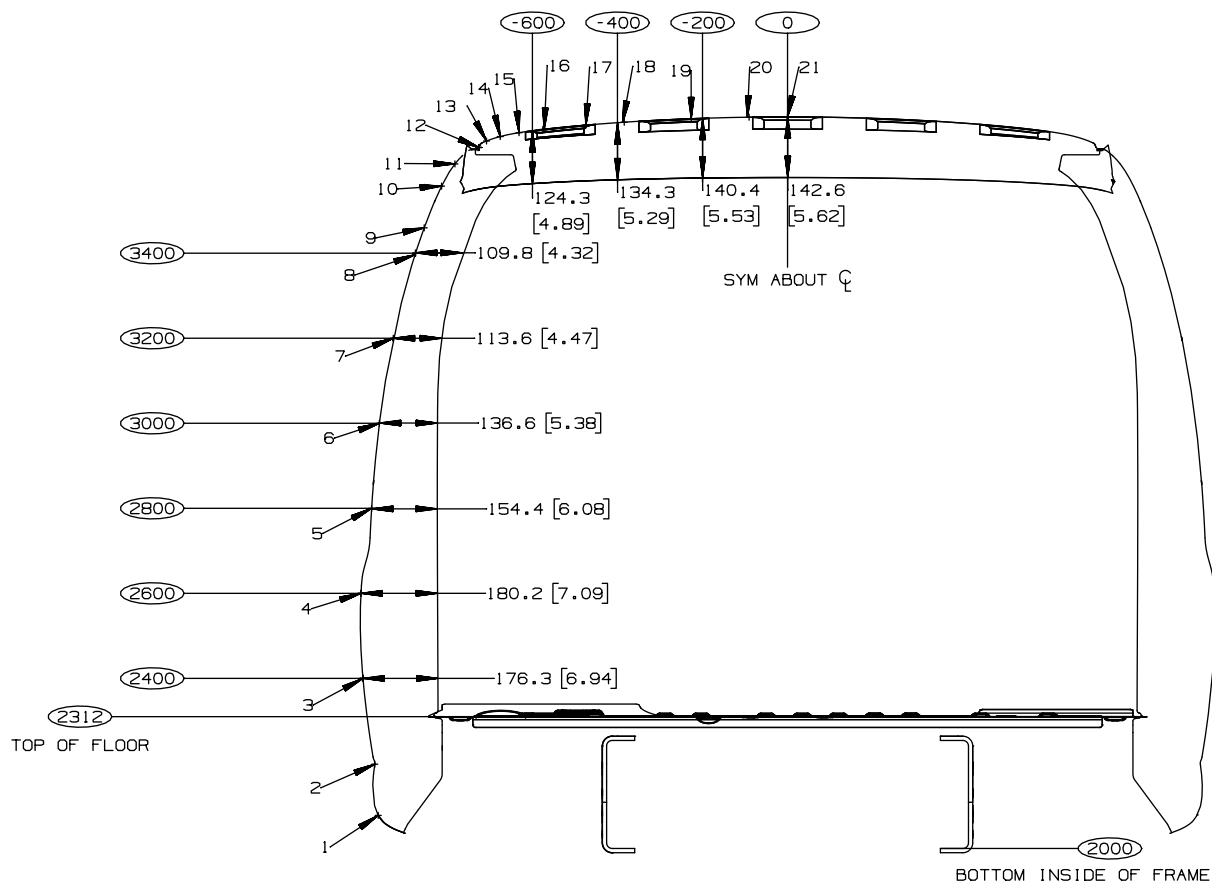
## C4/C5 Front Seat Mount Locations



# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 21

## C4/C5U,V042 Cutaway Rear Flange



PT#	WIDTH	HEIGHT	LENGTH
1	-962.62 [ -37.90 ]	2077.76 [ 81.80 ]	3653.12 [ 143.82 ]
2	-970.74 [ -38.22 ]	2198.21 [ 86.54 ]	"
3	-998.52 [ -39.31 ]	2400.00 [ 94.49 ]	"
4	-1003.23 [ -39.50 ]	2600.00 [ 102.36 ]	"
5	-978.09 [ -38.51 ]	2800.00 [ 110.24 ]	"
6	-959.83 [ -37.79 ]	3000.00 [ 118.11 ]	"
7	-927.14 [ -36.50 ]	3200.00 [ 125.98 ]	"
8	-874.92 [ -34.45 ]	3400.00 [ 133.86 ]	"
9	-854.51 [ -33.64 ]	3459.61 [ 136.20 ]	"
10	-813.61 [ -32.03 ]	3557.71 [ 140.07 ]	"
11	-782.24 [ -30.80 ]	3610.00 [ 142.13 ]	"
12	-725.58 [ -28.57 ]	3648.64 [ 143.65 ]	"
13	-707.95 [ -27.87 ]	3663.90 [ 144.25 ]	"
14	-675.71 [ -26.60 ]	3674.33 [ 144.66 ]	"
15	-631.44 [ -24.86 ]	3683.46 [ 145.02 ]	"
16	-575.43 [ -22.65 ]	3691.01 [ 145.32 ]	"
17	-474.22 [ -18.67 ]	3701.19 [ 145.72 ]	"
18	-384.05 [ -15.12 ]	3708.05 [ 145.99 ]	"
19	-226.47 [ -8.92 ]	3716.25 [ 146.31 ]	"
20	-90.43 [ -3.56 ]	3719.90 [ 146.45 ]	"
21	0.00 [ 0.00 ]	3720.60 [ 146.48 ]	3653.12 [ 143.82 ]

C4V042, C5V042

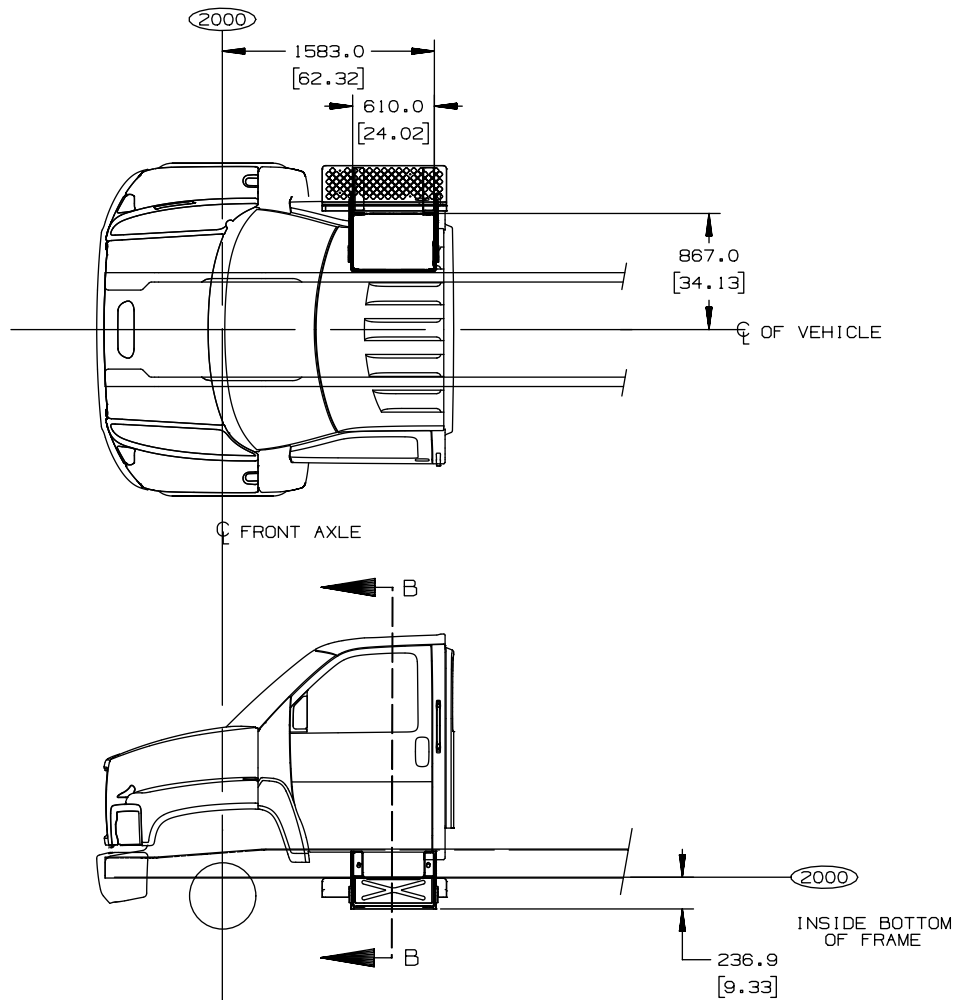
[ ] = INCHES

TD005885a

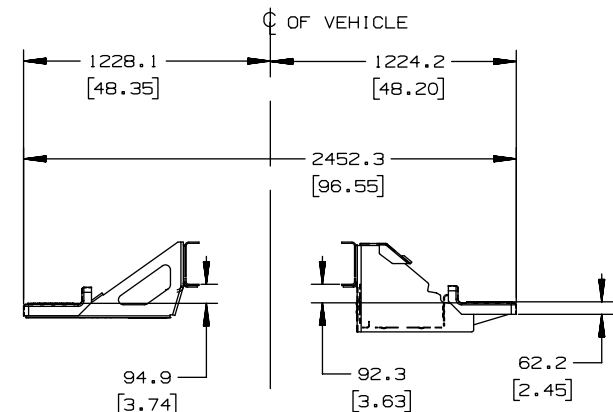
# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 22

## C4/C5C,U,V042 Step and Battery Box Location



BATTERY BOX LOCATION  
GMT 560,C40/C50-042



SECTION B-B

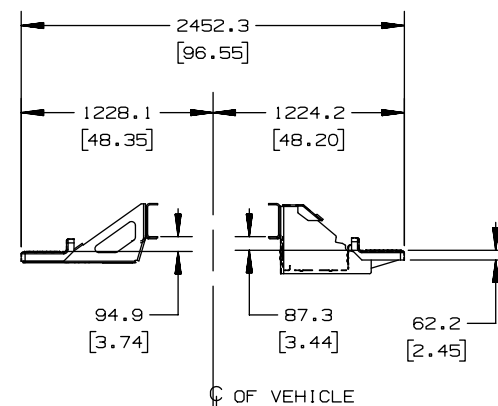
( )=INCHES

TD005868a

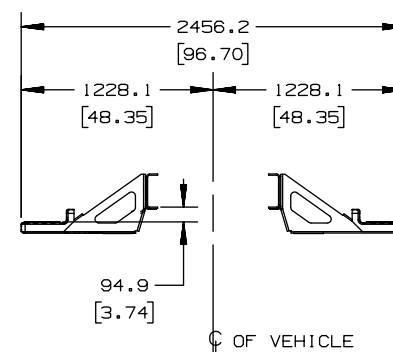
```

C4E0/C5E0 00
STEP ASM. LOCATION

```



SECTION A - A



SECTION B-B

[ ] = INCHES

## **Frame Hardness Specification**

- General Motors purchases hot-rolled steel for GMC side rails and reinforcements which has been slit from wide coil, de-coiled to length and pickled and oiled. The steel is then stamped, to insert the hole pattern and profile, by a compound crop and pierce tool. This blank is then formed to rail section prior to being electrophoretically painted. The hot-rolled process imparts a surface texture to the steel, which is retained in the 50 and 80k psi rails.
- As you are aware, the common principle in the “Rockwell” and “Brinell” instruments used to measure hardness is the indentation of the subject surface by a hard object. The difference between the two is that the “Rockwell” instrument utilizes a diamond pyramid, whereas the “Brinell” instrument uses a tungsten carbide ball to indent the surface; and that the “Rockwell” is used on a smooth/polished surface whereas the “Brinell” is used on a uneven surface. With the above in mind, note the data measured in Brinell Hardness Numbers (BHN).
- The 50 Ksi yield material (SAE J1392 050XF) is in the 135-170 BHN range.
- The 80 Ksi yield material (SAE J1392 080XLF) is in the 217-235 BHN range.

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## Frame Strength and Dimensions

	C4500 or C5500 Wheelbases Greater than 152" (386.1) for Regular Cab Models	C4500 & C5500 Motorhome and C4500 & C5500 Cutaway Chassis with (B3D)	C4500 & C5500 128" (325.1) & 152" (386.1) Wheelbases Models for Regular Cab Models and C4500 & C5500 Cutaway Chassis (w/o B3D)
Material Steel No. or Type	SAE J1392 (-080 XLF)	SAE J1392 (-050 XLK / XLF)	SAE J1392 (-080 XLF)
Material Thickness-in (mm)	0.32 (8)	0.24 (6)	0.24 (6)
<b>Physical Properties:</b> Minimum Tensile or Ultimate Strength psi (kPa)	95,000 (655,000)	60,000 (413,700)	95,000 (655,000)
Minimum Yield Strength psi (kPa)	80,000 (551,600)	50,000 (344,700)	80,000 (551,600)
Resisting Bending Moment (RBM) (Rated Yield Strength x Section Modulus)		50,000 x SM	80,000 x SM
Section Modulus in <sup>3</sup> (cm <sup>3</sup> )	10.31 (169)	7.63 (125)	7.63 (317.6)
Rated RBM	824,800	381,500	610,400
<b>Optional Reinforcement RPO</b>	F08	N/A	F08 (C4C/C5C only)
Reinforcement Type	Upright "L"	Not Offered	Upright "L"
Material Thickness-in (mm)	0.24 (6)	N/A	0.24 (6)
Combined Section-in <sup>3</sup> (cm <sup>3</sup> )	14.20 (232.7)	N/A	14.1 (231.1)
Rated Combined RBM	1,136,000	N/A	1,128,000

\*\* SECTION MODULUS BASED ON Square C-Channel. Actual parts contain radius.

### **110 Heat-Treated Versus 80K HSLA**

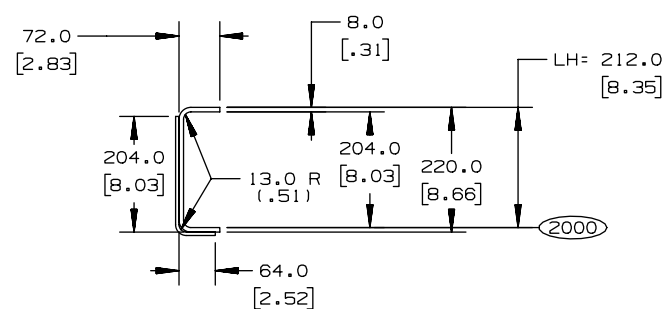
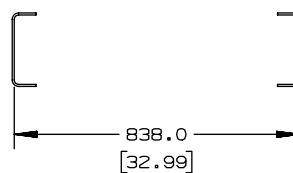
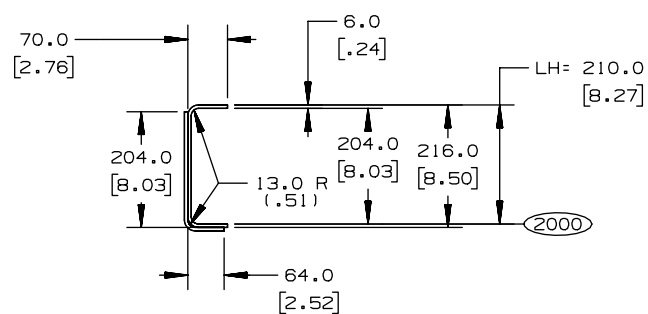
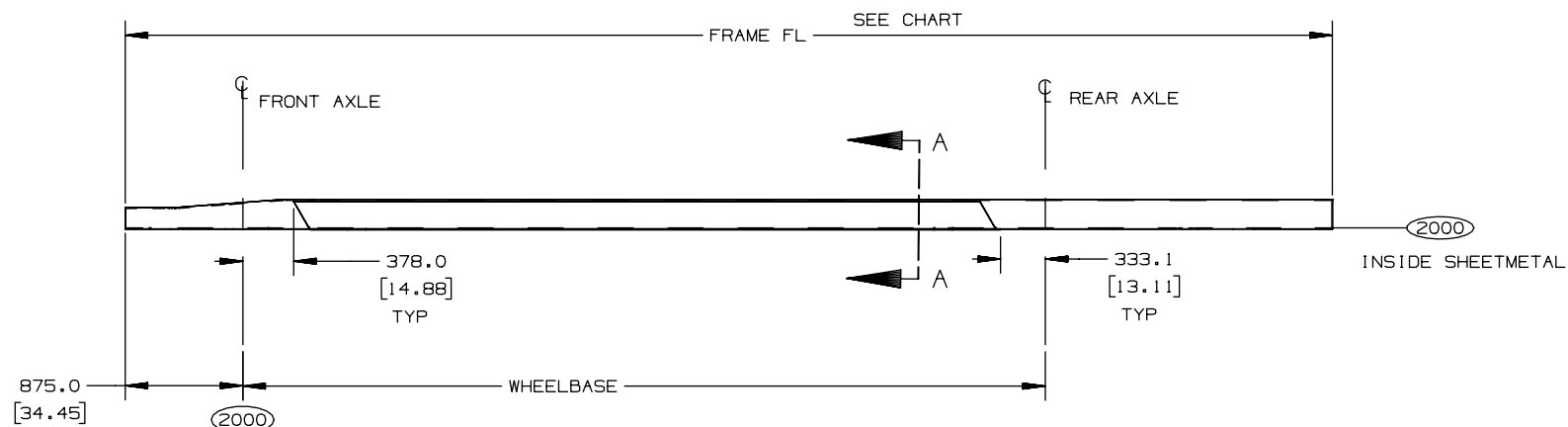
GM Truck is the only major OEM to offer 80K HSLA material on all C-Series. This offering is based on fatigue testing which shows equivalency to heat-treated steel. Frames fail in fatigue, not yield, and therefore the materials are equivalent with respect to service life.



# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Frame Lengths with Reinforcements



[ ] = INCHES

LH=REF AXLE CHART

TD005882a

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Frame Lengths with Reinforcements Chart

WHEELBASE	C4C042	C4E042	C4U042	C4V042	C5C042	C5E042	C5U042	C5V042	C4C044	C4E044	C4U044	C4V044	C5C044	C5E044	FRAME FL	FRAME THICKNESS	FRAME REINF
EC9 128	*			*											5155.0 (202.95)	6.0 (.24)	F08
FQT 140				*											6300.0 (248.03)	6.0 (.24)	F08
EG9 152	*		*	*			*		*						6300.0 (248.03)	6.0 (.24)	F08
EC1 165.5			*			*									6875.0 (270.67)	6.0 (.24)	—
EC1 165.5		*			*										7210.0 (283.86)	6.0 (.24)	—
FPP 169	*			*				*	*						6735.0 (265.16)	8.0 (.31)	F08
EH8 170				*											6960.0 (274.02)	8.0 (.31)	F08
FNW 176	*			*			*	*							7115.0 (280.12)	8.0 (.31)	F08
EC2 183.5			*			*									7665.0 (301.77)	6.0 (.24)	F08
EC2 183.5		*			*										8085.0 (318.31)	6.0 (.24)	F08
EK8 188	*			*			*	*							7785.0 (306.50)	8.0 (.31)	F08
EK4 194	*			*				*	*						7370.0 (290.16)	8.0 (.31)	F08
EK4 194				*					*						7935.0 (312.40)	8.0 (.31)	F08
EC3 195.5			*			*									7970.0 (313.78)	6.0 (.24)	F08
EC3 195.5					*										8785.0 (345.87)	6.0 (.24)	F08
EK5 206				*											8240.0 (324.41)	8.0 (.31)	F08
EL5 212				*											8395.0 (330.51)	8.0 (.31)	F08
EC4 213.5					*										9245.0 (363.98)	6.0 (.24)	F08
ED7 217	*			*			*	*							8520.0 (335.43)	8.0 (.31)	F08

WHEELBASE	C4C042	C4E042	C4U042	C4V042	C5C042	C5E042	C5U042	C5V042	C4C044	C4E044	C4U044	C4V044	C5C044	C5E044	FRAME FL	FRAME THICKNESS	FRAME REINF
EP5 221.5						*									8634.0 (339.92)	8.0 (.31)	F08
EP5 221.5					*										9750.0 (383.86)	8.0 (.31)	F08
EK6 224				*											8697.0 (342.40)	8.0 (.31)	F08
EQ4 229	*			*			*	*							8825.0 (347.44)	8.0 (.31)	F08
EQ8 233						*									8925.0 (351.38)	6.0 (.24)	—
EQ8 233					*										10155.0 (399.80)	6.0 (.24)	—
FRP 235					*				*						8980.0 (353.54)	8.0 (.31)	F08
FXA 239					*										9820.0 (386.61)	8.0 (.31)	—
EE4 254			*												9680.0 (381.10)	8.0 (.31)	F08

[ ] = INCHES

06/16/04 REV

TD005882b

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Frame Lengths with Reinforcements Chart

WHEELBASE	C4C042	C4E042	C4U042	C4V042	C5C042	C5E042	C5U042	C5V042	FRAME FL	FRAME THICKNESS	FRAME REINF	RPO
EC1 165.5		*				*			7330.0 (288.58)	6.0 (.24)	—	ANC/B3D
EC2 183.5		*				*			7785.0 (306.49)	6.0 (.24)	—	ANC/B3D
EC3 195.5						*			8090.0 (318.50)	6.0 (.24)	—	ANC/B3D
EC4 213.5						*			8550.0 (336.61)	6.0 (.24)	—	ANC
EC4 213.5						*			9205.0 (362.40)	6.0 (.24)	—	ANC
EQE 220						*			9165.0 (360.83)	8.0 (.31)	F08	ANC/B3D
EQ8 233						*			9495.0 (373.82)	8.0 (.31)	F08	ANC/B3D
EQ1 246						*			9825.0 (386.81)	8.0 (.31)	F08	ANC/B3D
ET7 259						*			10155.0 (399.80)	8.0 (.31)	F08	ANC/B3D

\* 40 GALLON FUEL TANK

\* 60 GALLON FUEL TANK

ANC= SHUTTLE BUS

B3D= SCHOOL BUS

[ ]= INCHES

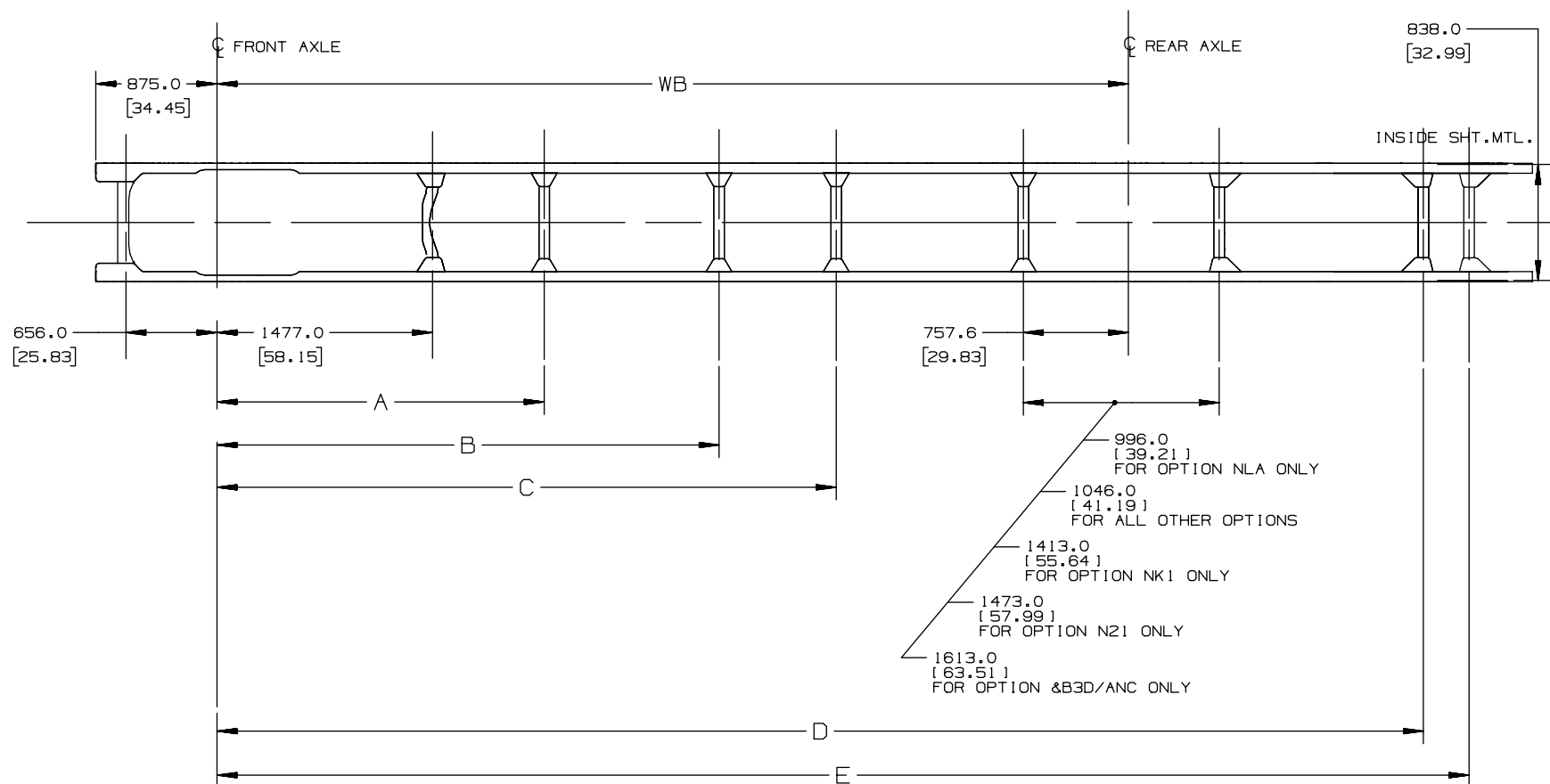
06/16/04 REV

TD005882c

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Frame and Crossmember Location



ANC=SALES PACKAGE SHUTTLE BUS  
B3D=EQUIPMENT SCHOOL BUS  
NK1=FUEL TANK 90L(25 GAL),PLASTIC

GMT560,FRAME & CROSSMEMBER INSTALLATION

EM/17MR04

( ) = INCHES

TD005864a

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Frame and Crossmember Chart

C4/5C042-C4/5E042-C4/5U042-C4/5V042 SINGLE AXLE CROSSMEMBER ARRANGEMENT CHART														
MODEL	W/B	DIM A	DIM B	DIM C	DIM D(N23)	DIM D(N66)	DIM D(NK1)	DIM D(NN4)	DIM D(NJ9)	DIM D(NLA)	DIM E(N66)	DIM E(N23)	DIM E(NN4)	DIM E(NJ9)
C4C/C5C042	EC9 3251.2 [ 128.00 ]	—	—	—	—	4027.0 [ 158.53 ]	—	—	—	—	—	—	—	—
C5C042	FQT 3556.0 [ 140.00 ]	1827.0 [ 71.93 ]	—	—	4868.0 [ 191.65 ]	4331.0 [ 170.51 ]	—	—	—	4668.0 [ 183.78 ]	4925.0 [ 193.90 ]	—	—	—
C4C/C5C042	EG9 3860.8 [ 152.00 ]	1827.0 [ 71.93 ]	—	—	5173.0 [ 203.66 ]	4636.0 [ 182.52 ]	—	—	—	4973.0 [ 195.79 ]	—	—	—	—
C4C/C5C042 (FSQ)	EG9 3860.8 [ 152.00 ]	1827.0 [ 71.93 ]	—	—	5173.0 [ 203.66 ]	—	—	—	—	—	—	5740.0 [ 225.98 ]	—	—
C4U/C5U042	EC1 4203.7 [ 165.50 ]	2095.0 [ 82.48 ]	—	—	—	—	—	5966.0 [ 234.88 ]	—	—	—	—	—	—
C4V/C5V042	EC1 4203.7 [ 165.50 ]	2095.0 [ 82.48 ]	—	—	5516.0 [ 217.16 ]	—	—	—	—	—	—	—	—	—
C4E/C5E042	FPP 4292.6 [ 169.00 ]	2184.0 [ 85.98 ]	2592.5 [ 102.07 ]	—	5605.0 [ 220.67 ]	5068.0 [ 199.53 ]	5477.0 [ 215.63 ]	—	—	5405.0 [ 212.80 ]	5477.0 [ 215.63 ]	—	—	—
C5C042	EH8 4318.0 [ 170.00 ]	2362.0 [ 92.99 ]	—	—	5630.0 [ 221.65 ]	—	—	—	—	5430.0 [ 213.78 ]	—	—	—	—
C4C/C5C042	FNW 4470.4 [ 176.00 ]	2362.0 [ 92.99 ]	—	—	5783.0 [ 227.68 ]	5246.0 [ 206.54 ]	5663.0 [ 222.95 ]	—	—	5583.0 [ 219.80 ]	5663.0 [ 222.95 ]	—	—	—
C4U/C5U042	EC2 4660.9 [ 183.50 ]	1827.0 [ 71.93 ]	2552.0 [ 100.47 ]	—	—	—	—	6423.0 [ 252.87 ]	6873.0 [ 270.59 ]	—	—	—	—	—
C4V/C5V042	EC2 4660.9 [ 183.50 ]	1827.0 [ 71.93 ]	2552.0 [ 100.47 ]	—	5973.0 [ 235.18 ]	—	—	6423.0 [ 252.87 ]	—	—	—	—	—	—
C4C/C5C042	EK8 4775.2 [ 188.00 ]	1827.0 [ 71.93 ]	2667.0 [ 105.00 ]	—	6088.0 [ 239.69 ]	5551.0 [ 218.54 ]	6418.0 [ 252.68 ]	6538.0 [ 257.40 ]	—	5888.0 [ 231.81 ]	6418.0 [ 252.68 ]	—	—	—
C5C042	EK4 4927.6 [ 194.00 ]	1827.0 [ 71.93 ]	2819.0 [ 110.98 ]	—	6240.0 [ 245.67 ]	5703.0 [ 224.53 ]	6570.0 [ 258.66 ]	6690.0 [ 263.39 ]	—	6040.0 [ 237.80 ]	6570.0 [ 258.66 ]	—	—	—
C4E/C5E042	EK4 4927.6 [ 194.00 ]	1827.0 [ 71.93 ]	2520.5 [ 99.23 ]	2894.0 [ 113.93 ]	6240.0 [ 245.67 ]	5703.0 [ 224.53 ]	6112.0 [ 240.63 ]	—	—	6240.0 [ 237.80 ]	6112.0 [ 240.63 ]	—	—	—
C5U042	EC3 4965.7 [ 195.50 ]	1827.0 [ 71.93 ]	2857.0 [ 112.48 ]	—	—	—	—	6728.0 [ 264.88 ]	7178.0 [ 282.60 ]	—	—	—	7441.0 [ 292.85 ]	—
C5V042	EC3 4965.7 [ 195.50 ]	1827.0 [ 71.93 ]	2857.0 [ 112.48 ]	—	6278.0 [ 247.18 ]	—	—	6728.0 [ 264.88 ]	—	—	—	—	—	—
C5C042	EK5 5232.4 [ 206.00 ]	1827.0 [ 71.93 ]	3124.0 [ 122.99 ]	—	6545.0 [ 257.68 ]	6008.0 [ 236.54 ]	6875.0 [ 270.67 ]	6995.0 [ 275.39 ]	—	6345.0 [ 249.80 ]	6875.0 [ 270.67 ]	—	—	—
C5C/C5V042	EL5 5384.8 [ 212.00 ]	2362.0 [ 92.99 ]	3276.0 [ 128.98 ]	—	—	6160.0 [ 242.52 ]	—	—	—	—	7027.0 [ 276.65 ]	—	—	—
C5U042	EC4 5422.9 [ 213.50 ]	1827.0 [ 71.93 ]	3314.0 [ 130.47 ]	—	—	—	—	7185.0 [ 282.87 ]	7635.0 [ 300.59 ]	—	—	—	7898.0 [ 310.94 ]	—
C4E/C5E042	ED7 5511.8 [ 217.00 ]	2362.0 [ 92.99 ]	2520.5 [ 99.23 ]	3403.0 [ 133.98 ]	6824.0 [ 268.66 ]	6287.0 [ 247.52 ]	7154.0 [ 281.65 ]	7274.0 [ 286.38 ]	—	6624.0 [ 260.79 ]	7154.0 [ 281.65 ]	—	—	—
C5V042	EP5 5626.1 [ 221.5 ]	2362.0 [ 92.99 ]	3518.0 [ 138.50 ]	—	6939.0 [ 273.19 ]	—	—	7389.0 [ 290.91 ]	—	—	—	—	—	—
C5U042	EP5 5626.1 [ 221.5 ]	2362.0 [ 92.99 ]	3518.0 [ 138.50 ]	—	—	—	—	7389.0 [ 290.91 ]	7839.0 [ 308.62 ]	—	—	—	8375.0 [ 329.72 ]	8375.0 [ 329.72 ]
C5C042	EK6 5689.6 [ 224.00 ]	2362.0 [ 92.99 ]	3581.0 [ 140.98 ]	—	7002.0 [ 275.67 ]	6465.0 [ 254.53 ]	7332.0 [ 288.66 ]	7452.0 [ 293.39 ]	—	6802.0 [ 267.80 ]	7332.0 [ 288.66 ]	—	—	—
C4E/C5E042	EQ4 5816.6 [ 229.00 ]	2362.0 [ 92.99 ]	2520.5 [ 99.23 ]	3708.0 [ 145.98 ]	7129.0 [ 280.67 ]	6592.0 [ 259.53 ]	7459.0 [ 293.66 ]	7579.0 [ 298.38 ]	—	6929.0 [ 272.80 ]	7459.0 [ 293.66 ]	—	—	—
C5E042	FRP 5969.0 [ 235.00 ]	2362.0 [ 92.99 ]	2520.5 [ 99.23 ]	3860.0 [ 151.97 ]	7281.0 [ 288.65 ]	6744.0 [ 265.51 ]	7611.0 [ 299.64 ]	7731.0 [ 304.37 ]	—	7081.0 [ 278.78 ]	7611.0 [ 299.64 ]	—	—	—

GMT560, FRAME & CROSSMEMBER INSTALLATION

EM/17MR04

[ ] = INCHES

TD005864b

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Frame and Crossmember Chart

C4/5C042-C4/5E042-C4/5U042-C4/5V042 SINGLE AXLE CROSSMEMBER ARRANGEMENT CHART													
MODEL	W/B	DIM A	DIM B	DIM C	DIM D(N23)	DIM D(NG6)	DIM D(N21)	DIM D(NN4)	DIM D(NJ9)	DIM D(NLA)	DIM E(N23)	DIM E(NG6)	DIM E(NJ9)
C5U042	E08 5918.2 [ 233.00 ]	2386.0 [ 93.94 ]	3086.0 [ 121.50 ]	3810.0 [ 150.00 ]	—	—	—	—	8131.0 [ 320.12 ]	—	—	—	8623.0 [ 339.49 ]
C5V042	E08 5918.2 [ 233.00 ]	2286.0 [ 90.00 ]	3086.0 [ 121.50 ]	—	7231.0 [ 284.69 ]	—	—	—	—	—	—	—	—
C5V042	E08 5918.2 [ 233.00 ]	2386.0 [ 93.94 ]	3086.0 [ 121.50 ]	3810.0 [ 150.00 ]	—	—	—	7681.0 [ 302.40 ]	—	—	—	—	—
C5C042	EE4 6451.6 [ 254.00 ]	2362.0 [ 92.99 ]	3352.5 [ 131.99 ]	4343.0 [ 170.98 ]	7764.0 [ 305.67 ]	—	8479.5 [ 333.84 ]	—	—	7564.0 [ 297.80 ]	8340.0 [ 328.35 ]	—	—
C5V042 ( & B3D / ANC )	EC1 4203.7 [ 165.50 ]	2095.0 [ 82.48 ]	—	—	6083.0 [ 239.48 ]	—	—	—	—	—	—	—	—
C5V042 ( & B3D / ANC )	EC2 4660.9 [ 183.50 ]	1827.0 [ 71.93 ]	2552.0 [ 100.50 ]	—	6540.0 [ 257.50 ]	—	—	—	—	—	—	—	—
C5V042 ( & B3D / ANC )	EC3 4985.7 [ 195.5 ]	1827.0 [ 71.93 ]	2857.0 [ 112.50 ]	—	6845.0 [ 269.50 ]	—	—	—	—	—	—	—	—
C5V042 ( & ANC )	EC4 5422.9 [ 213.5 ]	1827.0 [ 71.93 ]	3314.0 [ 130.47 ]	—	7302.0 [ 287.50 ]	—	—	7752.0 [ 305.49 ]	—	—	—	—	—
C5V042 ( & B3D / ANC )	E0E 5588.0 [ 220.00 ]	2386.0 [ 93.94 ]	3479.0 [ 136.97 ]	—	7467.0 [ 293.98 ]	—	—	7917.0 [ 311.69 ]	—	—	—	—	—
C5V042 ( & B3D / ANC )	E08 5918.2 [ 233.00 ]	2386.0 [ 93.94 ]	3086.0 [ 121.50 ]	3810.0 [ 150.00 ]	7798.0 [ 307.01 ]	—	—	8248.0 [ 324.72 ]	—	—	—	—	—
C5U042	FXA 6070.6 [ 239.00 ]	2362.0 [ 93.00 ]	3162.0 [ 124.50 ]	3962.0 [ 156.00 ]	—	—	—	—	8283.0 [ 326.10 ]	—	—	—	—
C5V042 ( & B3D / ANC )	EQ1 6248.4 [ 246.00 ]	2386.0 [ 93.94 ]	3201.0 [ 126.02 ]	4140.0 [ 162.99 ]	8128.0 [ 320.00 ]	—	—	8578.0 [ 337.71 ]	—	—	—	—	—
C5V042 ( & B3D / ANC )	ET7 6578.6 [ 259.00 ]	2386.0 [ 93.94 ]	3531.0 [ 139.01 ]	4470.0 [ 175.98 ]	8458.0 [ 333.99 ]	—	—	8908.0 [ 350.71 ]	—	—	—	—	—

ANC=SALES PACKAGE SHUTTLE BUS  
 B3D=EQUIPMENT SCHOOL BUS  
 N23=FUEL TANK 151L(40 GAL)  
 NN4=FUEL TANK 227L(60 GAL)  
 NG6=FUEL TANK COMBINATION 25 GAL&15 GAL  
 NJ9=FUEL TANK 304L(80 GAL) LH or RH FILL  
 N21=FUEL TANK 227L(60 GAL) LOW PROFILE,RH  
 NK1=FUEL TANK 90L(25 GAL),PLASTIC  
 NLA=FUEL TANK 121L(32 GAL)  
 FSQ=EXTENSION FRAME ,CE=4521.20( 178" ),RR

GMT560,FRAME & CROSSMEMBER INSTALLATION

EM/17MR04

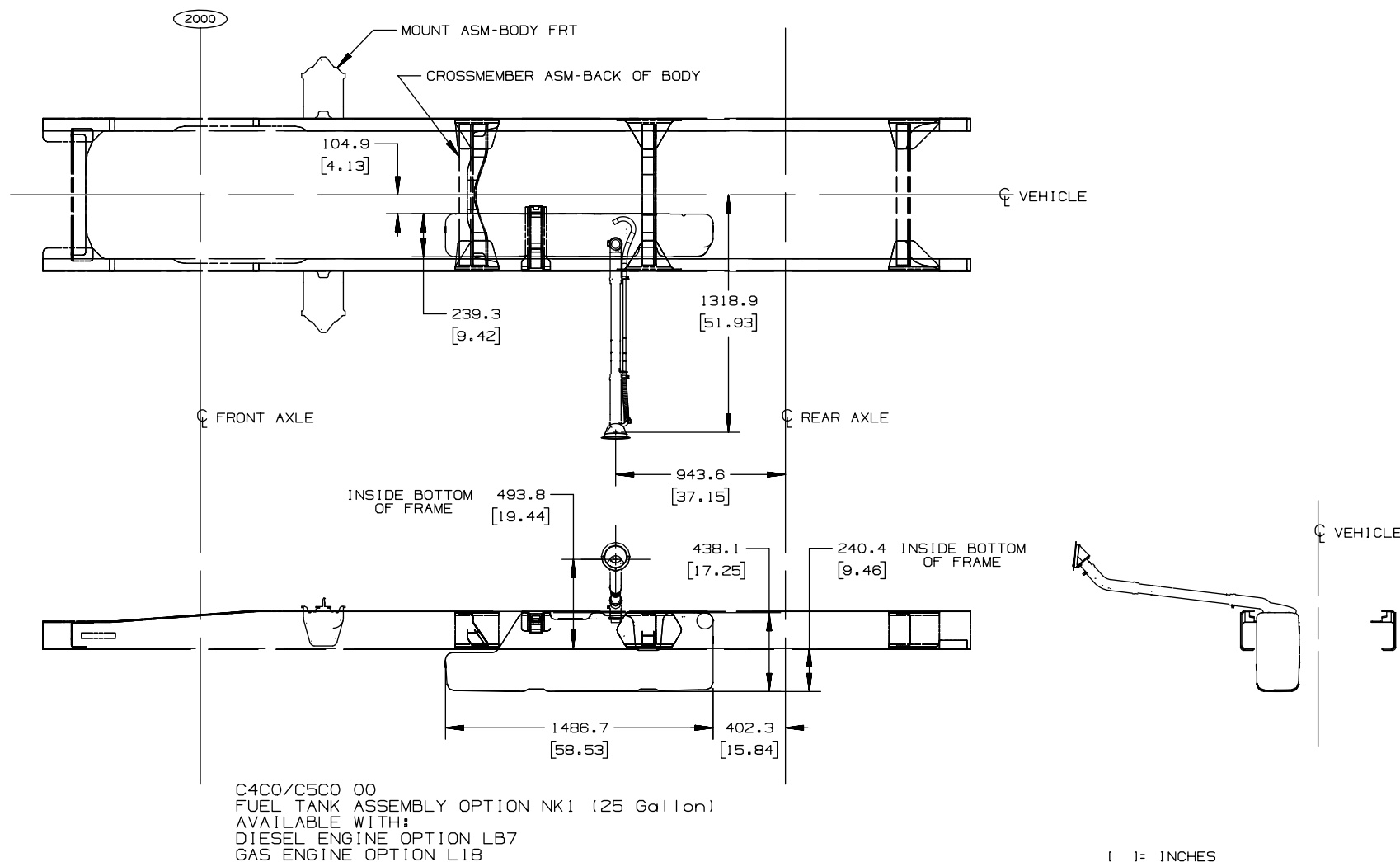
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TD005864c

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 32

## C4/C5C,E,U,V042 25 Gallon Fuel Tank Option NK1

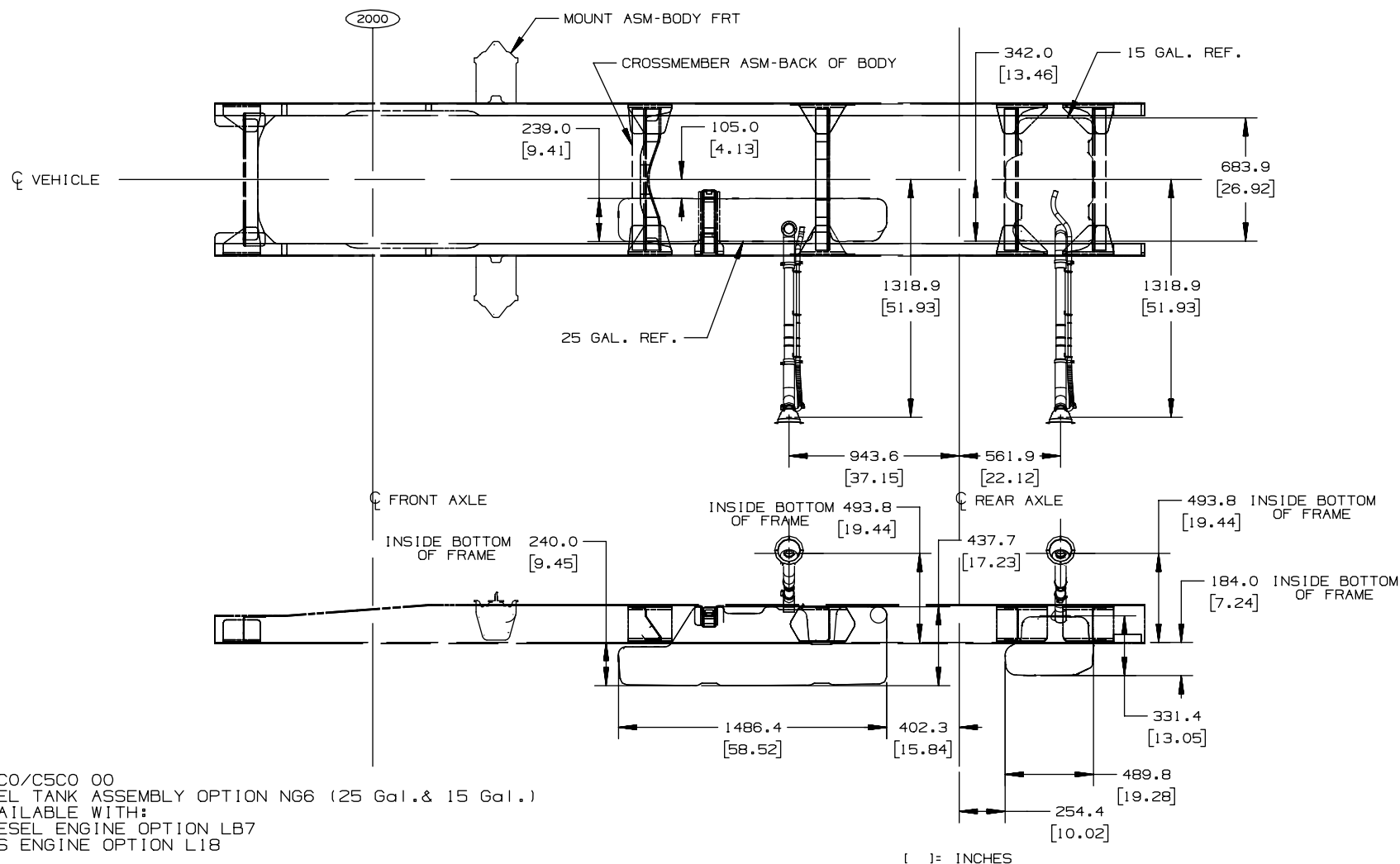


TD005824

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 33

## C4/C5C,E042 25 & 15 Gallon Fuel Tank Option NG6



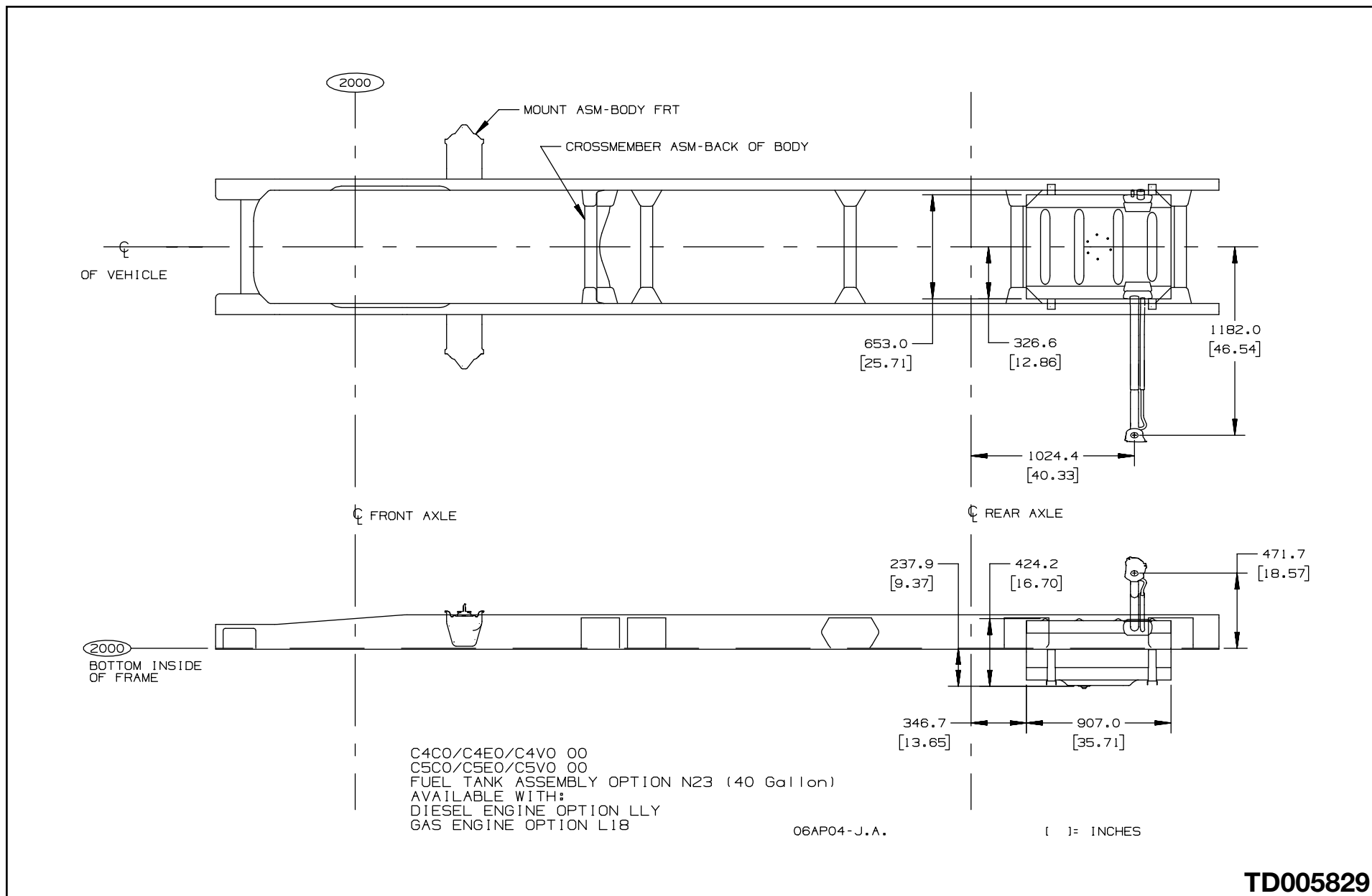
TD005825



# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 34

## C4/C5C,E,V042 40 Gallon Fuel Tank Option N23

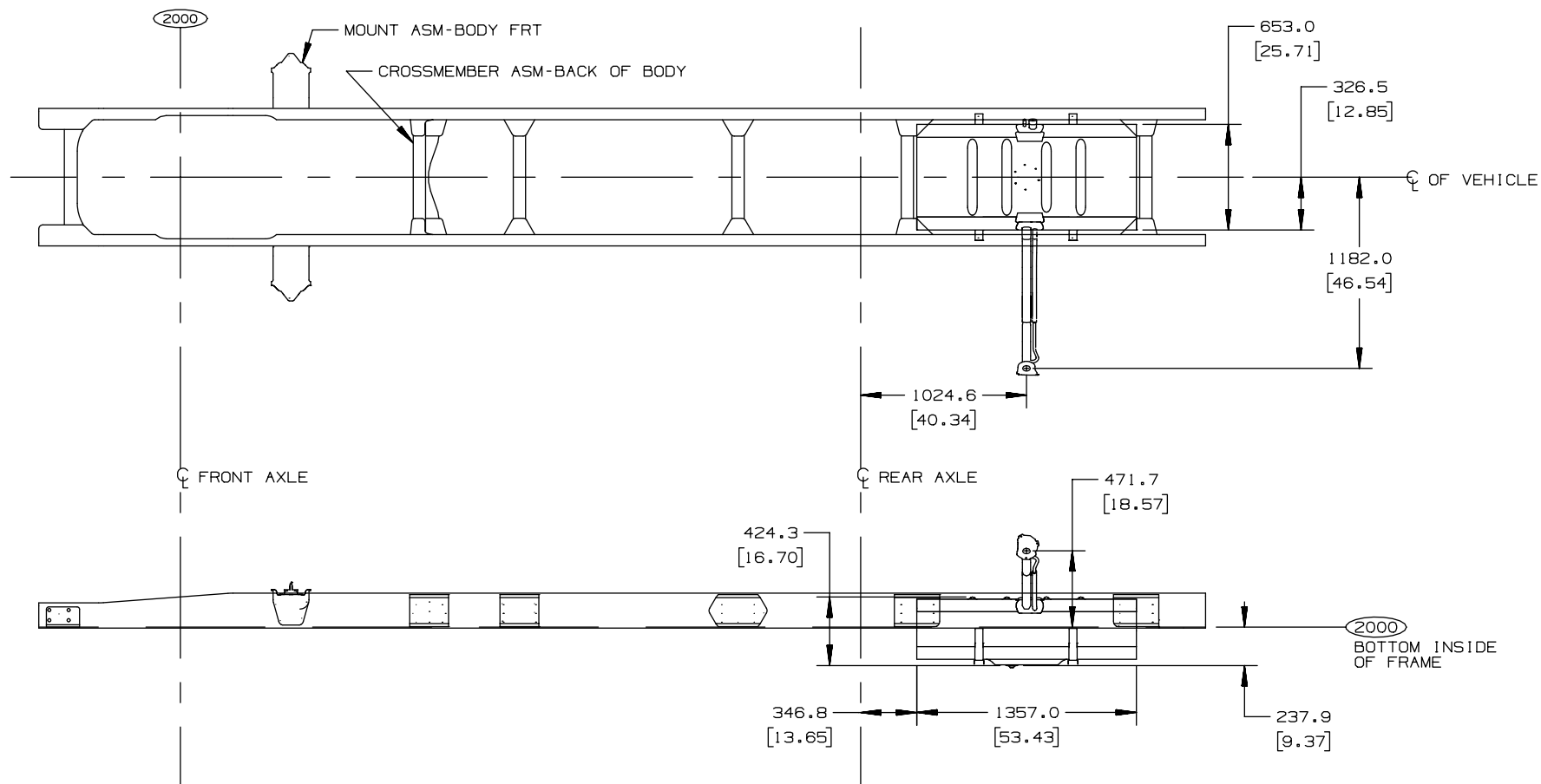


TD005829

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 35

## C4/C5C,E,U,V042 60 Gallon Fuel Tank Option NN4



C400/C500 00  
FUEL TANK ASSEMBLY OPTION NN4 (60 Gallon)  
AVAILABLE WITH:  
DIESEL ENGINE OPTION LLY  
GAS ENGINE OPTION L18

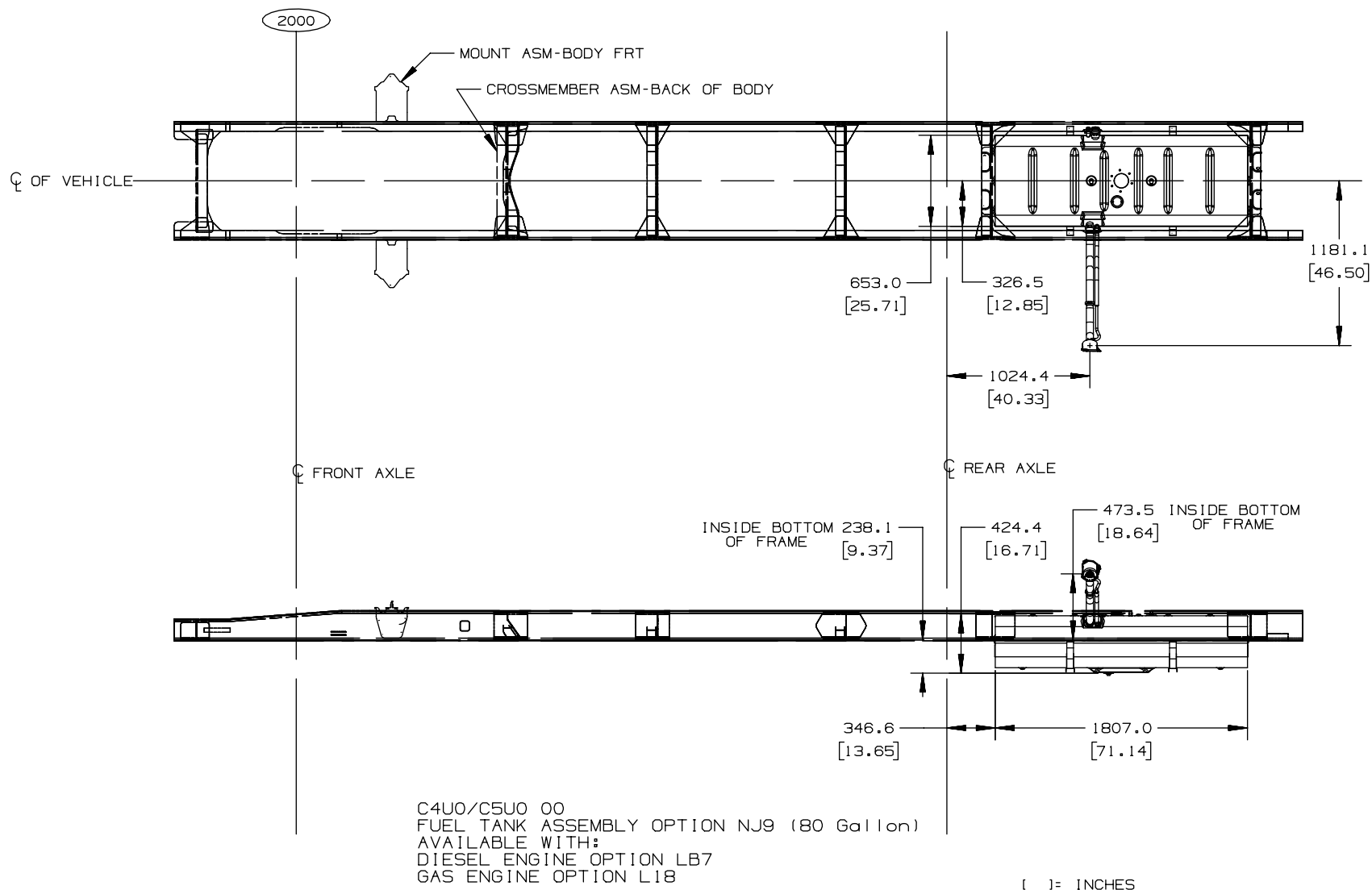
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 36

## C4/C5U042 80 Gallon Fuel Tank Option NJ9

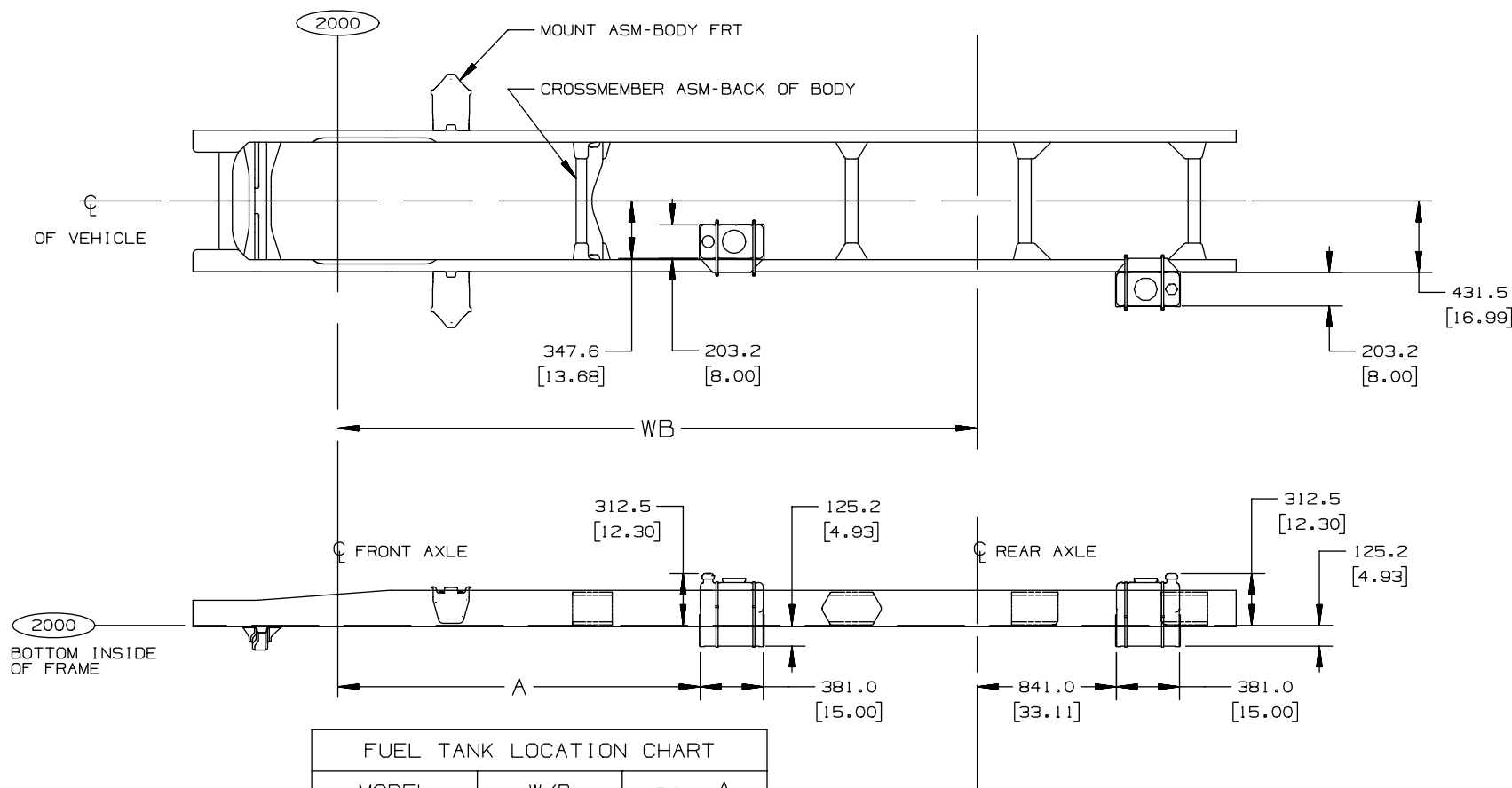


TD005827

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,V042 5 Gallon Temporary Fuel Tank Option NJ2



C4C0/C4E0/C4V0 00  
C5C0/C5E0/C5V0 00  
FUEL TANK ASSEMBLY OPTION NJ2  
(5 Gallon TEMPORARY TANK)  
AVAILABLE WITH: GAS ENGINE OPTION L18

ALL OTHER W/B, TANK IS RELATIVE TO REAR AXLE AS SHOWN

EM/16MR04

[ ] = INCHES

TD005828

FRONT AXLE

CH CURB POSITION  
DH DESIGN POSITION

LH

C&D

TIRE LOADED RADIUS

A

B

CL SPINDLE

TRACK

TRACK = WHEEL OFFSET AT SPINDLE  
TRACK AT GROUND WILL VARY WITH CAMBER ANGLE AND TIRE/WHEEL COMBINATION

[ ] = INCHES

**TD005869a**

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Front Axle Track Width Chart

FRONT AXLE TRACK WIDTH						
				AXLE & BRAKE RPO		
				FR5	FM7	FM8
WHEEL TYPE	WHEEL RPO	WHEEL SIZE ( IN INCHES )	WHEEL OFFSET	JE3 ( HYD )	JE3	JE3
DISC	Q91	19.50 X 6.00	117.34 [ 4.62 ]	2052.3 [ 80.80 ]	2062.5 [ 81.20 ]	2146.9 [ 84.52 ]
DISC	Q82	19.50 X 6.75	142.2 [ 5.60 ]	2025.1 [ 79.73 ]	2033.1 [ 80.04 ]	2124.2 [ 83.63 ]
DISC	RPM	19.50 X 6.75	141.0 [ 5.55 ]	2047.3 [ 80.60 ]	2055.4 [ 80.92 ]	2146.4 [ 84.50 ]

FOR: GMT 560, C4/5C,E,U,V042, 2004

[ ] = INCHES

04JN04 NI

**TD005869b**

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Front Axle / Suspension Chart

FRONT AXLE SUSPENSION DIMENSIONS

SUSPENSION RPO	AXLE RPO									-B-	-C-		-D-	
		C4C042	C4E042	C4U042	C4V042	C5C042	C5E042	C5U042	C5V042		BASE	W/F59*	BASE	W/F59*
FK6 7,000 LB 3,175 KG TAPERED LEAF	FR5 6,250 LB 2,835 KG	*			*					177.5 [ 6.99 ]	—	195.5 [ 7.70 ]	—	150.2 [ 5.91 ]
	FM7 7,000 LB 3,175 KG	*	*	*	*	*	*	*	*	210.2 [ 8.28 ]	—	182.1 [ 7.17 ]	—	120.1 [ 4.73 ]
FSN 8,000 LB 3,629 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG					*	*	*	*	210.2 [ 8.28 ]	—	207.1 [ 8.15 ]	—	136.6 [ 5.38 ]

\*F59 = STABILIZER SHAFT FRONT

FOR: GMT 560, C4/5C,E,U,V042, 2004

[ ] = INCHES

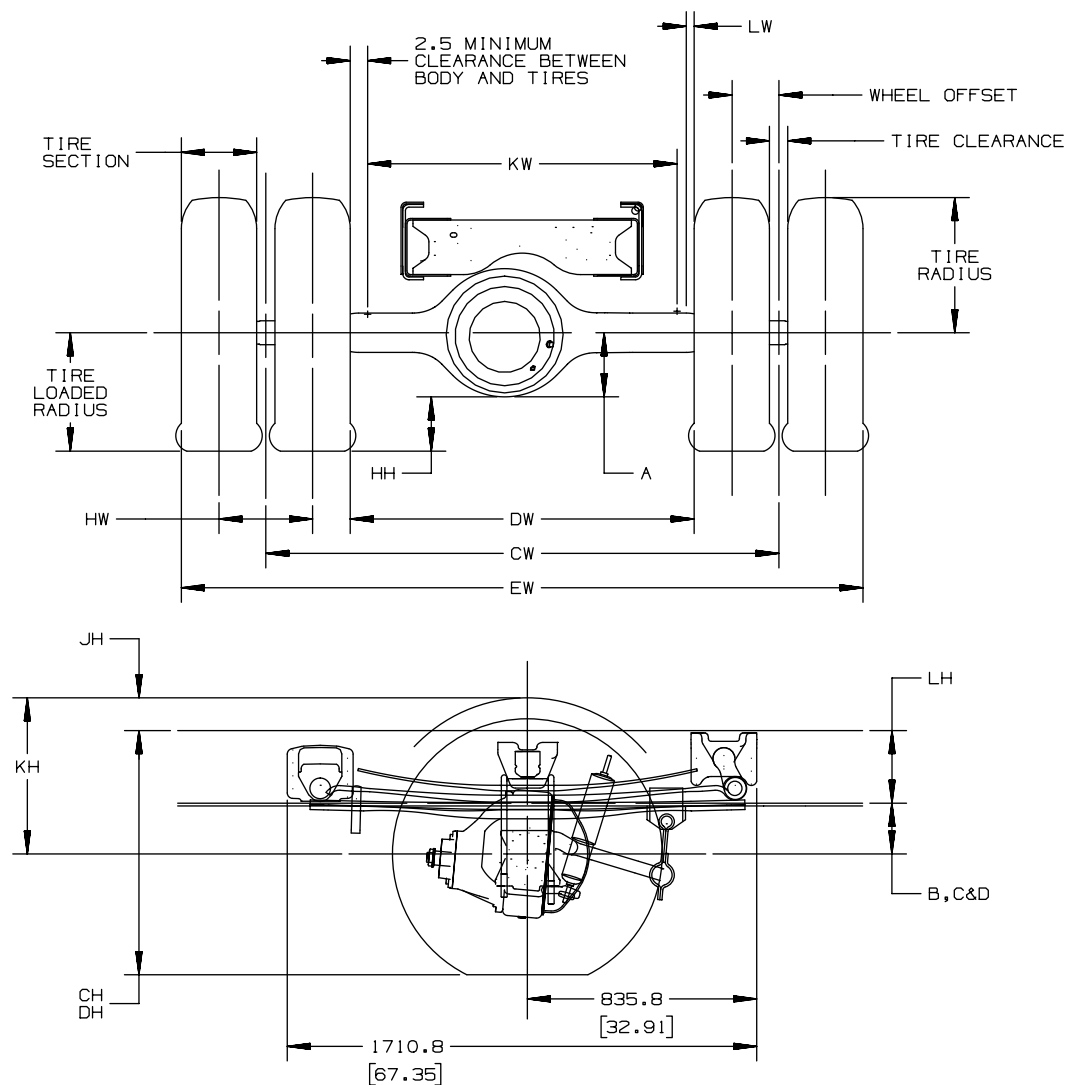
04JN04 N1

TD005869c

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Rear Axle



FOR: GMT560 C SERIES WITH SINGLE REAR AXLE

[ ] = INCHES

**TD005870a**



## C4/C5C,E,U,V042 Rear Axle Chart Formula

### DEFINITIONS:

- A - CENTERLINE OF AXLE TO BOTTOM OF AXLE BOWL
- B - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT INFINITE BUMP
- C - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT CURB POSITION
- D - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT DESIGN LOAD
- CH - REAR FRAME HEIGHT  
DISTANCE BETWEEN THE TOP OUTSIDE RAIL AND THE GROUND-LINE THROUGH THE VERTICAL CENTERLINE OF THE REAR AXLE AT CURB POSITION
- DH - REAR FRAME HEIGHT DISTANCE BETWEEN THE TOP OUTSIDE RAIL AND THE GROUND-LINE THROUGH THE VERTICAL CENTERLINE OF THE REAR AXLE AT DESIGN POSITION
- HH - REAR AXLE CLEARANCE  
MINIMUM CLEARANCE BETWEEN THE REAR AXLE AND THE GROUND-LINE
- JH - REAR TIRE CLEARANCE  
MINIMUM CLEARANCE REQUIRED FOR TIRES AND CHAINS MEASURED FROM THE TOP OF THE FRAME AT THE VERTICAL CENTERLINE OF THE REAR AXLE
- KH - CHAIN CLEARANCE
- LH - DISTANCE FROM THE BOTTOM INSIDE RAIL TO THE TOP OF THE RAIL
- CW - TRACK DUAL WHEEL VEHICLES  
DISTANCE BETWEEN THE CENTERLINES OF THE DUAL WHEELS AS MEASURED AT THE GROUND-LINE
- DW - MINIMUM DISTANCE BETWEEN THE INNER SURFACES OF THE REAR TIRES
- EW - MAXIMUM REAR WIDTH  
OVER-ALL WIDTH OF VEHICLE MEASURED AT THE OUTER MOST SURFACE OF THE REAR TIRES
- HW - DUAL TIRE SPACING  
DISTANCE BETWEEN THE CENTERLINES OF THE TIRES IN A SET OF DUAL TIRES
- KW - REAR BODY WIDTH  
MAXIMUM BODY WIDTH BETWEEN REAR TIRES

SEE TIRE CHART FOR VALUES: TIRE SELECTION, TIRE RADIUS  
TIRE LOADED RADIUS AND TIRE CLEARANCE

### FORMULAS FOR CALCULATING REAR WIDTH AND HEIGHT DIMENSIONS:

CH = TIRE LOADED RADIUS + C + LH  
DH = TIRE LOADED RADIUS + D + LH  
HH = TIRE LOADED RADIUS - A  
JH = KH - B - LH  
KH = TIRE RADIUS + 3.00 INCHES  
CW = TRACK  
DW = TRACK - 1 TIRE SECTION - HW  
EW = TRACK + 1 TIRES SECTION + 2 WHEEL OFFSETS  
KW = DW - 5.00 INCHES  
LW = 1.00 INCHES MINIMUM CLEARANCE BETWEEN TIRES AND SPRINGS

NOTE: TRACK AND OVERALL WIDTH MAY VARY WITH OPTIONAL EQUIPMENT

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Rear Axle Suspension and Track Chart

### REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	REAR AXLE RPO	VEHICLE MODELS							-A-	-B-		-C-		-D-	
		C4C042	C4E042	C4U042	C5C042	C5E042	C5U042	C5V042		BASE	W/G60	BASE	W/G60	BASE	W/G60
GR2 11,000 LB TAPERED LEAF	GL4 11,000 LB	*	*	*	*				176.44 [ 6.97 ]	80.2 [ 3.16 ]	N/A	223.2 [ 8.79 ]	N/A	158.3 [ 6.23 ]	N/A
GR3 11,000 LB MULTILEAF		*	*	*	*					88.1 [ 3.47 ]	N/A	223.8 [ 8.81 ]	N/A	153.5 [ 6.04 ]	N/A
GR4 13,500 LB MULTILEAF		*								86.0 [ 3.38 ]	N/A	182.5 [ 7.18 ]	N/A	140.5 [ 5.53 ]	N/A
GQ2 15,000 LB		*	*	*	*					103.7 [ 4.08 ]	N/A	261.3 [ 10.29 ]	N/A	198.7 [ 7.82 ]	N/A
GR4 13,500 LB MULTILEAF	GLB 13,500 LB	*	*	*	*	*	*	*	214.38 [ 8.44 ]	102.9 [ 4.05 ]	N/A	219.1 [ 8.63 ]	N/A	162.8 [ 6.41 ]	N/A
GXA 13,500 LB TAPERED LEAF		*	*	*	*	*	*	*		79.2 [ 3.11 ]	N/A	234.1 [ 9.22 ]	N/A	163.3 [ 6.43 ]	N/A
GQ2 15,000 LB		*	*		*	*	*	*		103.7 [ 4.08 ]	N/A	261.3 [ 10.29 ]	N/A	189.3 [ 7.45 ]	N/A
GG0 15,000 LB MULTILEAF	H08 15,000 LB DANA S150-S SINGLE SPEED				*	*	*	*	214.38 [ 8.44 ]	86.6 [ 3.40 ]	N/A	258.4 [ 10.17 ]	N/A	184.3 [ 7.25 ]	N/A
GQ0 15,000 LB TAPERED LEAF					*	*	*	*		71.6 [ 2.82 ]	N/A	276.8 [ 10.90 ]	N/A	168.0 [ 6.61 ]	N/A
GQ2 15,000 LB					*	*	*	*		103.7 [ 4.08 ]	N/A	261.3 [ 10.29 ]	N/A	182.7 [ 7.19 ]	N/A
GSK 12,000 LB TAPERED LEAF					*	*	*	*		102.4 [ 4.03 ]	N/A	221.4 [ 8.71 ]	N/A	132.2 [ 5.20 ]	N/A

FOR: GMT560 C SERIES WITH SINGLE REAR AXLE

6/28/04 JA

[ ] = INCHES

TD005870c

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,U,V042 Rear Axle Suspension and Track Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	REAR AXLE RPO	VEHICLE MODELS							- A -	- B -		- C -		- D -	
		C4C042	C4E042	C4V042	C4U042	C5C042	C5E042	C5V042		BASE	W/G60	BASE	W/G60	BASE	W/G60
GG9 17,000 LB TAPERED LEAF	HPK 19,000 LB EATON 19060S SINGLE SPEED				*	*	*	*	229.6 [ 9.04 ]	79.7 [ 3.14 ]	N/A	288.0 [ 11.34 ]	N/A	179.9 [ 7.08 ]	N/A
GN0 19,000 LB MULTILEAF					*	*	*	*		87.1 [ 3.42 ]	86.2 [ 3.39 ]	289.8 [ 11.40 ]	289.8 [ 11.40 ]	171.9 [ 6.76 ]	174.9 [ 6.88 ]
GN2 19,000 LB TAPERED LEAF					*	*	*	*		77.0 [ 3.03 ]	N/A	288.8 [ 11.37 ]	N/A	178.4 [ 7.02 ]	N/A
GN3 17,000 LB MULTILEAF					*	*	*	*		86.6 [ 3.40 ]	N/A	285.7 [ 11.24 ]	N/A	212.2 [ 8.35 ]	N/A

REAR AXLE TRACK DIMENSIONS - SINGLE AXLE

ENGINEERING MODEL	BRAKE	AXLE RPO	TRACK
C 4C/4E/4U/4V 042	JE3	GL4 11,000 LB	1854.2 [ 73.0 ]
C 5C/5E/5U/5V 042		GL8 13,500 LB	1854.2 [ 73.0 ]
		H08 15,000 LB DANA S150S SINGLE SPEED	1854.6 [ 73.02 ]
		HPK 19,000 LB EATON 19060S SINGLE SPEED	1905.5 [ 75.02 ]

FOR: GMT560 C ,FAM2,SERIES WITH SINGLE REAR AXLE

6/28/04 JA

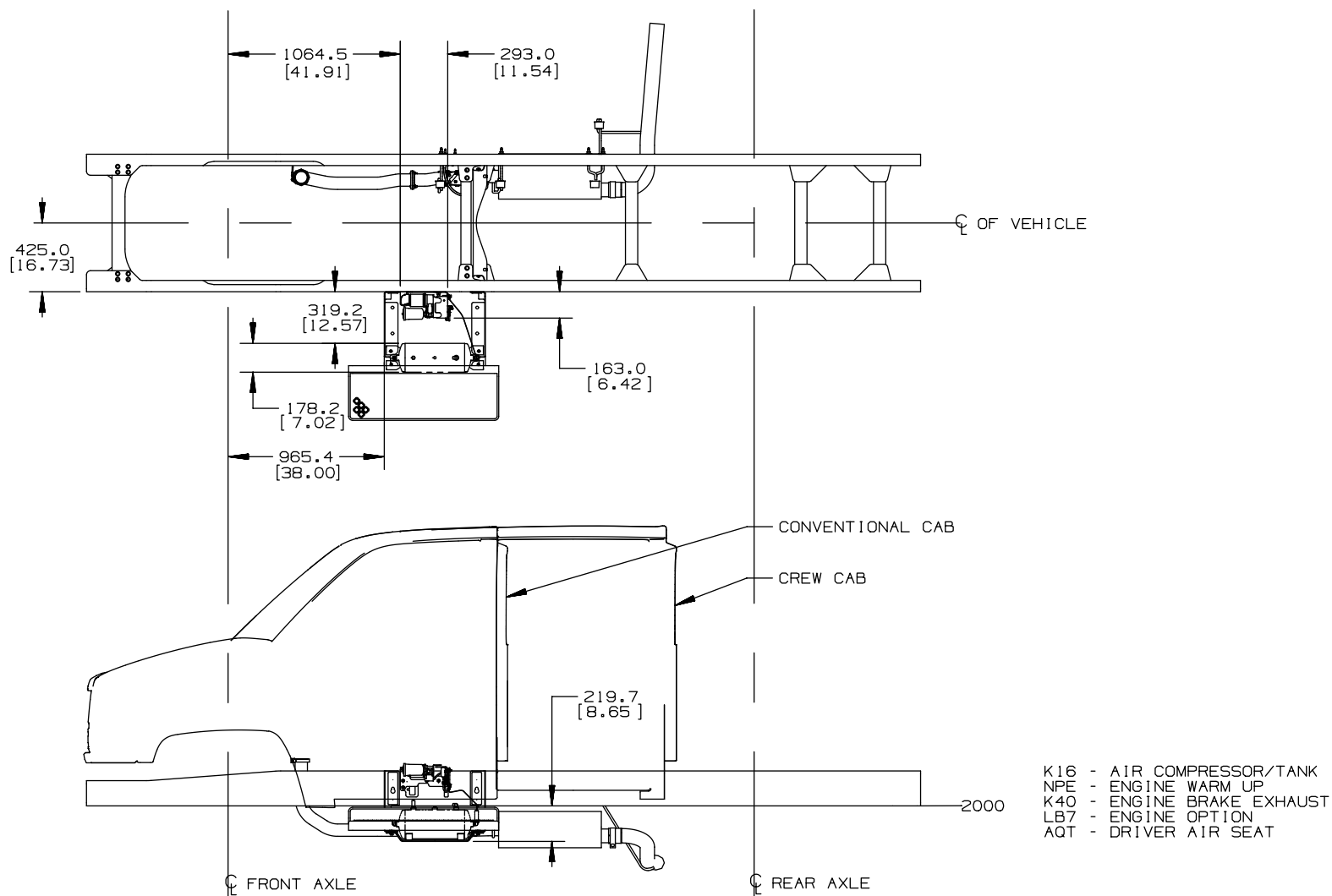
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E,U,V042 Air Tank and Compressor



AIR TANK AND COMPRESSOR  
GMT 560, C4/5CEUV042, 2003

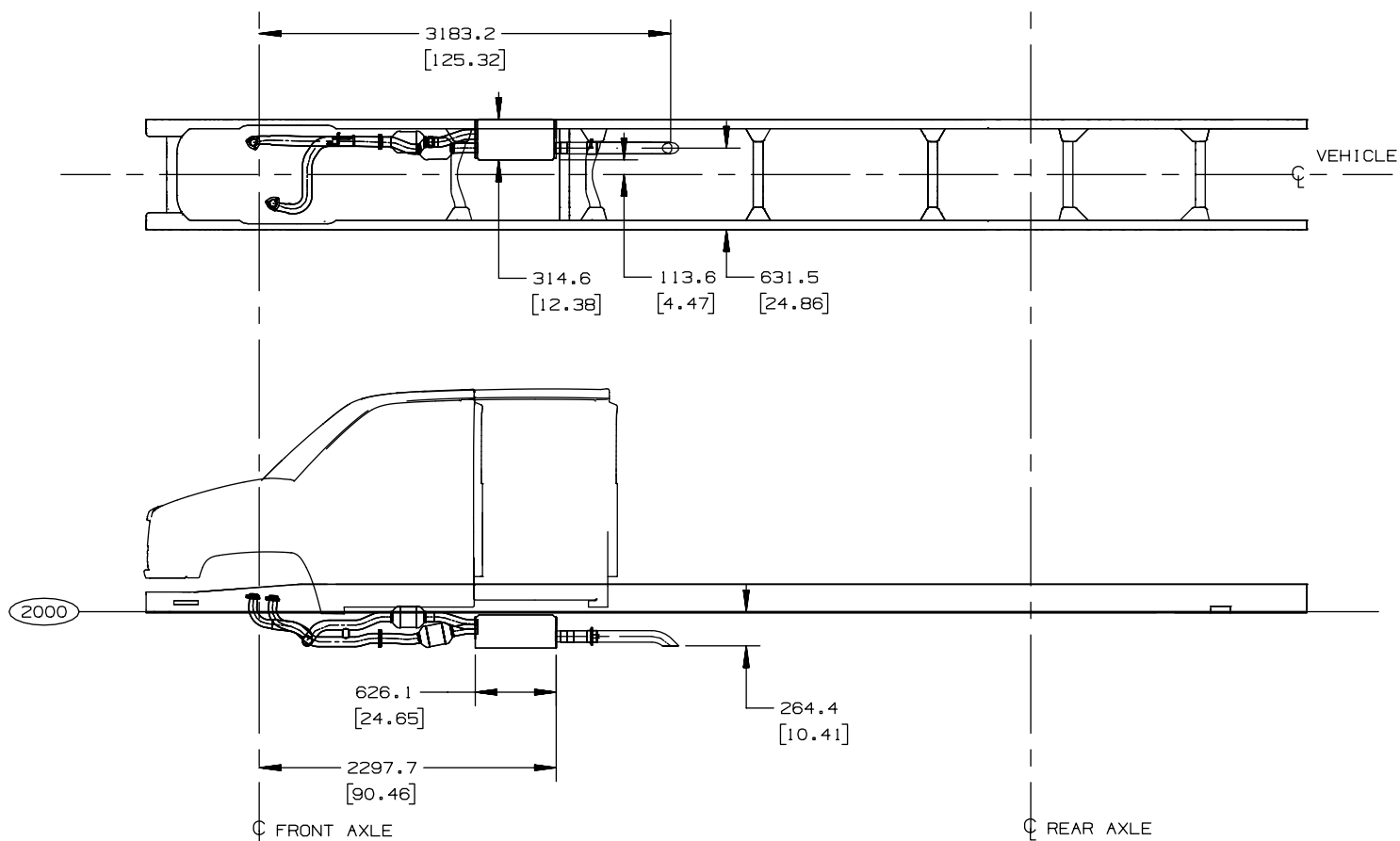
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,E042 Gas Engine L18 Option NB5



GMT 560,C4C0/C5C0-42

GMT 560,C4E0/C5E0-42

EXHAUST SYSTEM INST.(CONVENTIONAL & CREW CAB)  
AVAILABLE WITH GAS ENGINE (L18) UNLEADED FUEL OPTION NM2  
RPO-FRP,W/B 235"

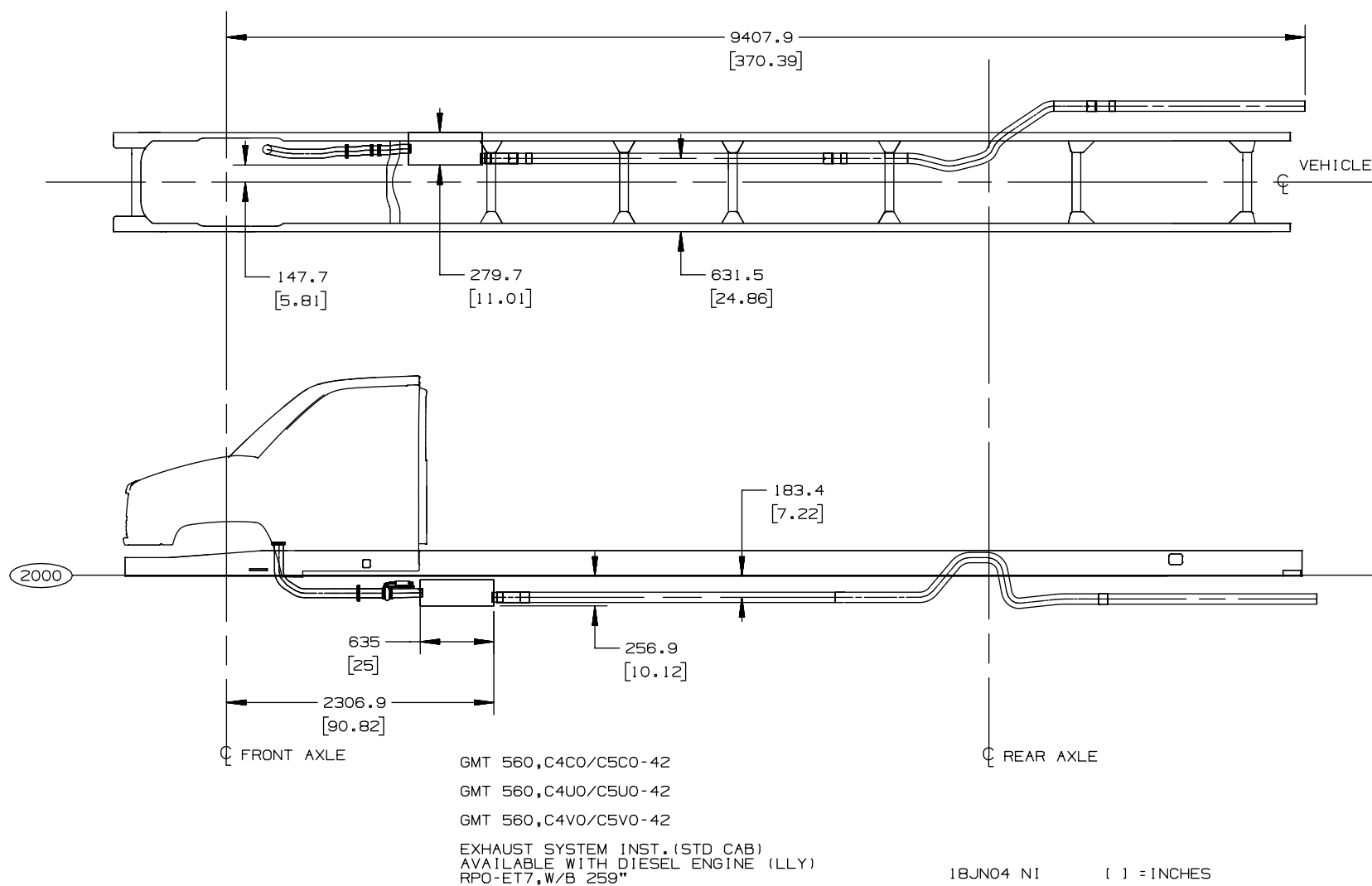
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,U,V042 Diesel Engine LB7 Option N12

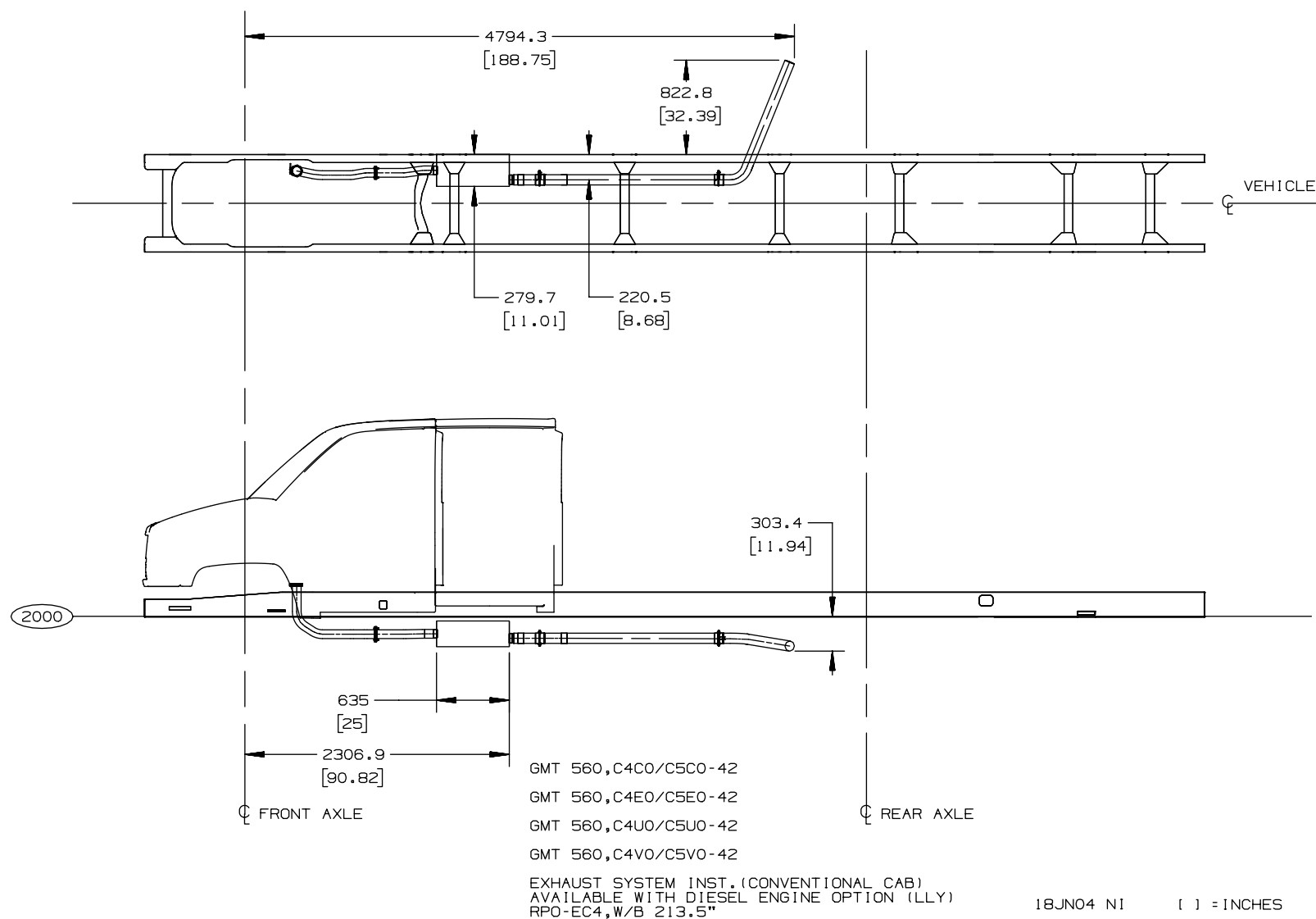


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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## C4/C5C,U,V042 Diesel Engine LB7 Option N1B

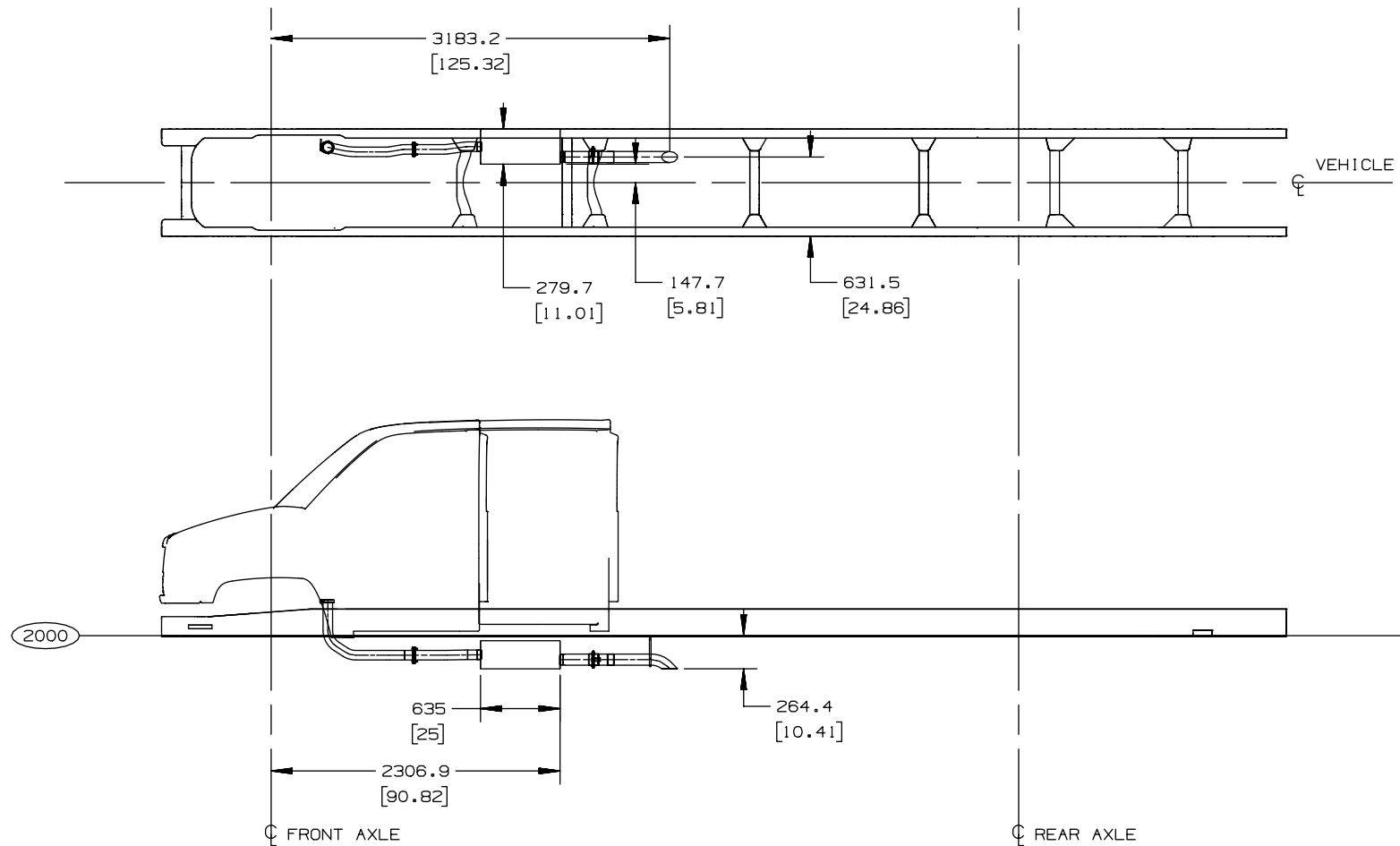


TD005953c

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

PAGE 49

## C4/C5C,E042 Diesel Engine LB7 Option NB5



GMT 560,C4C0/C5C0-42

GMT 560,C4E0/C5E0-42

EXHAUST SYSTEM INST.(CONVENTIONAL & CREW CAB)  
AVAILABLE WITH DIESEL ENGINE OPTION (LLY)  
RPO-FRP,W/B 235"

18JN04 NI [ ] = INCHES

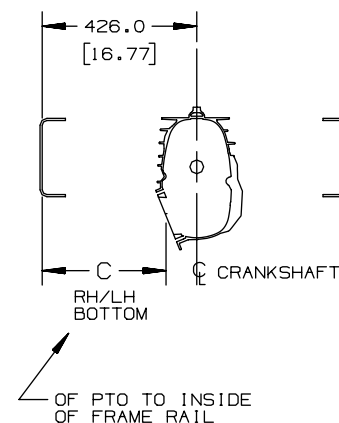
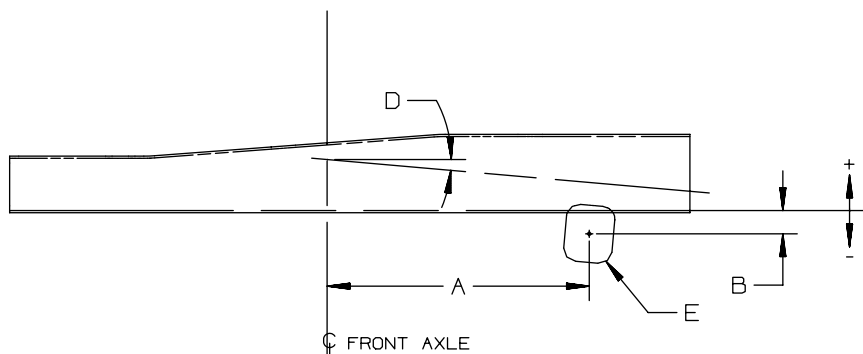
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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

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## Power Take Off Location and Chart



ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
L18 8.1L GAS	ZF S6-650 (ML6)	LH	723.0	-58.6	347.2	5.0°	6 BOLT
		RH	—	—	—	—	—
	ALLISON LCT2400 (MTW)	LH	713.8	+78.1	288.0	5.0°	6 BOLT
		RH	713.8	+78.1	262.0	5.0°	6 BOLT
	ALLISON LCT1000 (M74)	LH	713.8	+78.0	287.7	5.0°	6 BOLT
		RH	713.8	+78.0	262.2	5.0°	6 BOLT
LB7 6.6L DIESEL	ZF S6-650 (ML6)	LH	723.0	-58.6	341.3	5.0°	6 BOLT
		RH	—	—	—	—	—
	ALLISON LCT2400 (MTW)	LH	713.8	+78.1	288.0	5.0°	6 BOLT
		RH	713.8	+78.1	262.0	5.0°	6 BOLT
	ALLISON LCT1000 (M74)	LH	713.7	+78.1	288.0	5.0°	6 BOLT
		RH	713.7	+78.1	262.0	5.0°	6 BOLT

### EXPLANATION OF LETTERED DIMENSIONS

A= FRONT AXLE TO PTO OPENING  
 B= BOTTOM INSIDE OF FRAME RAIL TO PTO OPENING  
 C= INSIDE OF FRAME RAIL TO PTO OPENING  
 D= DRIVELINE ANGLE  
 E= POWER TAKE OFF MOUNTING

C400/C500 00  
 TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005881

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4/C5C,E,V042 Available Vocational Packages

Models		C4C/C5C 042	C4E/C5E 042	C4V/C5V 042
Option	Description			
ANC	Shuttle Bus			X
ANM	Fire & Rescue			X
ANQ	Snow Removal	X		
B3D	School Bus			X
YF2	Ambulance			X
YW2	Towing & Recovery	X	X	

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4C042 2WD Regular Cab Vocational Package

### C4C042-2WD Regular Cab OPTIONAL EQUIPMENT

OPTION CODE	DESCRIPTION	C4C042
	<b>PACKAGES</b> <ul style="list-style-type: none"> <li>The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li> <li>These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li> <li>By grouping these options together, allows General Motors to merchandise these options as packaging options.</li> </ul>	
ANQ	Snow Plow Prep — (Includes FM7 7,000 lbs. (3,175 kg) front axle, G80 limited slip differential, VNF battery isolator, GRW Stationary grille (Radiator Mounted), TNQ 700 CCA battery w/gasoline engines, or TNN dual 700 CCA batteries w/diesel engines.) (Requires C7R or GZX GVWRs). <i>With diesel engines and TNN dual 700 CCA batteries / With gasoline engines and TNQ 700 CCA battery</i>	A
YW2	Wrecker — (Includes GQ2 15,000 lbs. (6,804 kg) rear suspension, J69 rear in-wheel park brake, K65 105-amp. dual alternators.) (Requires NK1 25 gal. (95 L) midship fuel tank mounted inside the frame rail. With gasoline engines, requires TNL dual 750 CCA batteries or VNF isolator battery. With diesel engines requires TNR triple 700 CCA batteries or VNF isolator battery.) (Requires GZX GVWR.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4E042 2WD Crew Cab Vocational Package

### C4E042-2WD Crew Cab OPTIONAL EQUIPMENT

OPTION CODE	DESCRIPTION	C4E042
	<p>PACKAGES</p> <ul style="list-style-type: none"><li>• The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li><li>• These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li><li>• By grouping these options together, allows General Motors to merchandise these options as packaging options.</li></ul>	
YW2	Wrecker — (Includes GQ2 15,000 lbs. (6,804 kg) rear suspension, J69 rear in-wheel park brake, K65 105-amp. dual alternators.) (Requires NK1 25 gal. (95 L) midship fuel tank mounted inside the frame rail. With gasoline engines, requires TNL dual 750 CCA batteries or VNF isolator battery. With diesel engines requires TNR triple 700 CCA batteries or VNF isolator battery.) (Requires GZX GVWR.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C4V042 2WD Commercial Cutaway Vocational Package

C4V042-2WD Commercial Cutaway OPTIONAL EQUIPMENT		
OPTION CODE	DESCRIPTION	C4V042
	<p>PACKAGES</p> <ul style="list-style-type: none"> <li>The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li> <li>These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li> <li>By grouping these options together, allows General Motors to merchandise these options as packaging options.</li> </ul>	
ANC	Shuttle Bus — (Includes C60 air conditioning, UZA roof marker delete, N12 rear exit exhaust system, UEA tail lamp delete, provisions for rear heat on driver side, battery located under driver door.) (Requires TNQ 700 CCA battery with gasoline engines, TNN dual 700 CCA batteries with diesel engines, Q82 front and Q83 rear 19.5" x 6.75" (49.5 cm x 17.1 cm) steel wheels or RPM front and RPW rear 19.5" x 6.75" (49.5 cm x 17.1 cm) aluminum wheels, aft axle fuel tank with dual auxiliary fuel ports and driver side/passenger side fill capability, APL passenger seat delete, WE7 passenger door delete, and D28 outside rear view mirrors deleted.) (N/A with Q91 or Q92 front and rear wheels.)	A
ANM	Fire & Rescue — (Includes C60 air conditioning with rear body heater and A/C connections, TNN 700 dual batteries, VNF isolator battery, High RPM prom for automatic throttle control, and 2" (5 cm) to 2.5" (6.35 cm) seal through cab cowl for equipment/control wiring.) (Requires K65 dual 105-amp. alternators, G80 limited slip differential, diesel engine.) (N1B passenger side exit exhaust is recommended.) (N/A with KG4 150-amp alternator.)	A
B3D	School Bus — (Includes WE7 passenger door delete, APL passenger seat delete, N12 rear exit exhaust system, Q82 front and Q83 rear 19.5" x 6.75" (49.5 cm x 17.2 cm) steel wheels, 41P black painted wheels, VH6 black front bumper, UEA tail lamp delete, UZA roof marker delete, propshaft guards, rear fuel tank cage, provisions for rear heat on drivers side, and battery located under driver door.) (Requires TNQ 700 CCA battery with gasoline engines, UL5 radio delete, D28 outside rear view mirrors deleted, and Aft-axle fuel tank with dual auxiliary fuel ports and driver side/passenger side fill capability.) (N/A Q91 or Q92 front and rear wheels, and N1B exhaust.)	A
YF2	Ambulance — (Includes C60 air conditioning with rear body heater and A/C connections, TNN 700 dual batteries, VNF isolator battery, High RPM prom for automatic throttle control, and 2" (5 cm) to 2.5" (6.35 cm) seal through cab cowl for equipment/control wiring.) (Requires K65 dual 105-amp. alternators, G80 limited slip differential, diesel engine.) (N1B passenger side exit exhaust is recommended.) (N/A with KG4 150-amp alternator.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C5C042 2WD Regular Cab Vocational Package

C5C042-2WD Regular Cab OPTIONAL EQUIPMENT		
OPTION CODE	DESCRIPTION	C5C042
	<b>PACKAGES</b> <ul style="list-style-type: none"> <li>The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li> <li>These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li> <li>By grouping these options together, allows General Motors to merchandise these options as packaging options.</li> </ul>	
ANQ	Snow Plow Prep — (Includes FM7 7,000 lbs. (3,175 kg) front axle, G80 limited slip differential, VNF battery isolator, GRW Stationary grille (Radiator Mounted), TNQ 700 CCA battery with gasoline engines, or TNN dual 700 CCA batteries with diesel engines.) (Requires GZG or GZJ GVWRs). <i>With diesel engines and TNN dual 700 CCA batteries / With gasoline engines and TNQ 700 CCA battery</i>	A
YW2	Wrecker — (Includes GQ2 15,000 lbs. (6,804 kg) rear suspension, J69 rear in-wheel park brake, K65 105-amp. dual alternators.) (Requires NK1 25 gal. (95 L) midship fuel tank mounted inside the frame rail. With gasoline engines, requires TNL dual 750 CCA batteries or VNF isolator battery. With diesel engines requires TNR triple 700 CCA batteries or VNF isolator battery.) (Requires GZG or GZJ GVWRs.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C5E042 2WD Crew Cab Vocational Package

### C5E042-2WD Crew Cab OPTIONAL EQUIPMENT

OPTION CODE	DESCRIPTION	C5E042
	<p>PACKAGES</p> <ul style="list-style-type: none"><li>• The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li><li>• These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li><li>• By grouping these options together, allows General Motors to merchandise these options as packaging options.</li></ul>	
YW2	Wrecker — (Includes GQ2 15,000 lbs. (6,804 kg) rear suspension, J69 rear in-wheel park brake, K65 105-amp. dual alternators.) (Requires NK1 25 gal. (95 L) midship fuel tank mounted inside the frame rail. With gasoline engines, requires TNL dual 750 CCA batteries or VNF isolator battery. With diesel engines requires TNR triple 700 CCA batteries or VNF isolator battery.) (Requires GZG or GZJ GVWRs.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C5V042 2WD Commercial Cutaway Vocational Package

C5V042-2WD Commercial Cutaway OPTIONAL EQUIPMENT		
OPTION CODE	DESCRIPTION	C5V042
	<p><b>PACKAGES</b></p> <ul style="list-style-type: none"> <li>The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li> <li>These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li> <li>By grouping these options together, allows General Motors to merchandise these options as packaging options.</li> </ul>	
ANC	Shuttle Bus — (Includes C60 air conditioning, UZA roof marker delete, N12 rear exit exhaust system, UEA tail lamp delete, provisions for rear heat on driver side, provisions for 100-amp. service on driver side, battery located under driver door.) (Requires TNQ 700 CCA battery with gasoline engines, TNN dual 700 CCA batteries with diesel engines, Q82 front and Q83 rear 19.5" x 6.75" (49.5 cm x 17.1 cm) steel wheels or RPM front and RPW rear 19.5" x 6.75" (49.5 cm x 17.1 cm) aluminum wheels, aft axle fuel tank with dual auxiliary fuel ports and driver side/passenger side fill capability, APL passenger seat delete, WE7 passenger door delete, and D28 outside rear view mirrors deleted.) (Frames: With GZG or GJZ GVWRs, includes a 6 mm 50,000 psi (344,750 kPa) yield strength, steel frame, RBM: 381,500 Section Modulus 7.63. With C4I or C6V GVWRs, includes a 80,000 psi (551,600 kPa) yield strength, steel frame, RBM: 824,800 Section Modulus 10.31.)	A
ANM	Fire & Rescue — (Includes C60 air conditioning with rear body heater and A/C connections, TNN 700 dual batteries, VNF isolator battery, High RPM prom for automatic throttle control, and 2" (5 cm) to 2.5" (6.35 cm) seal through cab cowl for equipment/control wiring.) (Requires K65 dual 105-amp. alternators, G80 limited slip differential, diesel engine.) (N1B passenger side exit exhaust is recommended.) (N/A with KG4 150-amp alternator.)	A
B3D	School Bus — (Includes WE7 passenger door delete, APL passenger seat delete, N12 rear exit exhaust system, Q82 front and Q83 rear 19.5" x 6.75" (49.5 cm x 17.2 cm) steel wheels, 41P black painted wheels, VH6 black front bumper, UEA tail lamp delete, UZA roof marker delete, propshaft guards, rear fuel tank cage, provisions for rear heat on drivers side, and battery located under driver door.) (Requires TNQ 700 CCA battery with gasoline engines, TNN dual 700 CCA batteries with diesel engines, UL5 radio delete, D28 outside rear view mirrors deleted, and Aft-axle fuel tank with dual auxiliary fuel ports and driver side/passenger side fill capability.) (Frames: With GZG or GJZ GVWRs, includes a 6 mm 50,000 psi (344,750 kPa) yield strength, steel frame, RBM: 381,500 Section Modulus 7.63. With C4I or C6V GVWRs, includes a 80,000 psi (551,600 kPa) yield strength, steel frame, RBM: 824,800 Section Modulus 10.31.) (N/A with N1B exhaust.)	A

S = Standard; A = Available; W/A = Will Advise; N/C = No Charge

*(Continued on next page)*



# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## C5V042 2WD Commercial Cutaway Vocational Package (Continued)

C5V042-2WD Commercial Cutaway OPTIONAL EQUIPMENT		
OPTION CODE	DESCRIPTION	C5V042
	<p>PACKAGES</p> <ul style="list-style-type: none"><li>• The packages below contain recommended option content that is designed to address all industry and government requirements for each specific vocational application.</li><li>• These packages are designed to help guide the sales person in ordering a vehicle for each vocation.</li><li>• By grouping these options together, allows General Motors to merchandise these options as packaging options.</li></ul>	
YF2	Ambulance — (Includes C60 air conditioning with rear body heater and A/C connections, TNN 700 dual batteries, VNF isolator battery, High RPM prom for automatic throttle control, and 2" (5 cm) to 2.5" (6.35 cm) seal through cab cowl for equipment/control wiring.) (Requires K65 dual 105-amp. alternators, G80 limited slip differential, diesel engine.) (N1B passenger side exit exhaust is recommended.) (N/A with KG4 150-amp alternator.)	A

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# 2004 MEDIUM DUTY C SERIES – FAMILY 2

## Steel Wheels

HUB PILOT										MTG					
HAND HOLE color	SIZE	OPTION		PART NO.	VENDOR NO.	OS	THK	-OS	TYPE	BC DIA	NO. STUDS	FRT	RR	BIAS/RADIAL RATING	TR VALVE
		FRONT	REAR												
4	19.5X6.75	Q82	Q83	15955706	RA 26680-1	5.60	.437	5.16	DCT	275mm	8	PQR	PQS	5000 @ 115	
4	19.5X6.75	Q82&	Q82&	15955707	RA 26680-1	5.60	.437	5.16	DCT	275mm	8	PQR	PQS	5000 @ 115	
4	19.5X6.75	Q82&	Q82&	15013127	RA 26680-1	5.60	.437	5.16	DCT	275mm	8	PQR	PQS	5000 @ 115	
	19.5X6.75	Q82&41P	Q82&41P	15044910	RA 26680-1	5.60	.437	5.16	DCT	275mm	8	PQR	PQS	5000 @ 115	

## Aluminum Wheels

HUB PILOT																	
VENT HOLE	SIZE	OPTION		PART NO.	VENDOR NO.	OS	THK	-OS	TYPE	BC DIA	NO. STUDS	FRT	RR	BIAS/RADIAL RATING	VLV ASM	TR VALVE	MFG
		FRONT	REAR														
8	19.5X6.75	RPM&YU8		15033287	764483	5.551	.827	4.739	DCT	275mm	8	PVG		5500 @ 140	VIEW S	TR5343	Alcoa
4	19.5X6.75		RPW&PNB INNER	15955706	RA 28680-1	5.60	.437	5.16	DCT	275mm	8		PVH	5000 @ 115	VIEW T		Accuride
8	19.5X6.75		RPW&PNB OUTER	15033287	764483	5.551	.827	4.739		275mm	8		PVH	5500 @ 140	VIEW T	TR543	Alcoa

*(Wheels and Tires – continued on next page)*

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

(Wheels and Tires – continued from previous page)

## Tire Data

Tire Size	Tire RPO	Tread RPO	Tread Type	Goodyear Mfr. RPO code: R4A/S4A			Michelin Mfr. RPO code: R4L/S4L			Bridgestone Mfr. RPO code: R4N/S4N		
				SLR	RPM	DESC	SLR	RPM	DESC	SLR	RPM	DESC
225/70R19.5F	X/Y/ZTN	R3C/S3C	Prem Hwy	15	642	G159	14.8	646	PXZA			
		S3H	Traction	15.1	641	G124	X					
		R3M/S3M	All Season							X		
		R3S/S3S	Motorhome				X					

WHEEL USAGE	Q82/Q83	19.5X6.75	Steel							8 Hole		
	RPM/RPW	19.5X6.75	Aluminum							8 Hole		
	Q91/Q92	19.5X6.0	Steel	To be released						8 Hole		

CODES		R3C/S3C	Premium Highway
		S3H	Highway Traction
		R3M/S3M	All Season
		R3S/S3S	High Rib – Motorhome Specific

X – Data not available at time of publication.

(Wheels and Tires – continued on next page)

# 2004 MEDIUM DUTY C SERIES – FAMILY 2

*(Wheels and Tires – continued from previous page)*

<b>NOTES:</b>	1) Tire Size RPO Codes beginning with: X – are front tires, Y – are rear tires, Z – are spare tires.
	2) RPO P53 specifies spare tire matching front tire, P54 matches rear tire.
	3) Tread Code and Manufacturer Code RPO's beginning with: R – are front tires, S – are rear tires.
	4) Orders specifying: S3C rear treads require R3C front treads.
	S3M rear treads require R3M front treads.
	S3S rear treads require R3S front treads.