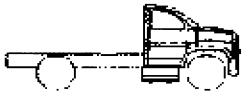
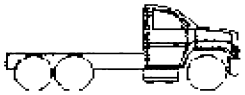
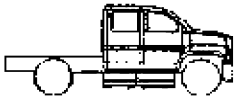
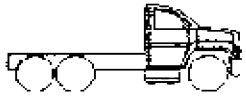
2003 Medium Duty C Series – Family 3

2003 MEDIUM DUTY C SERIES – FAMILY 3

MODEL SYMBOL CHART

					
Conventional Cab Chassis 2 wheel drive	Conventional Cab Chassis Tandem	Crew Cab Chassis 2 wheel drive	Crew Cab Chassis Tandem	Commercial Cutaway Cab Chassis	Commercial Cutaway Cab Chassis Tandem
C6C042 C7C042 C8C042	C8C064	C6E042 C7E042 C8E042	C8E064	C6V042 C7V042 C8V042	C8V064

MODEL DESIGNATOR KEY:

Position	1	2	3	4	5	6,7
	Division	Model Line	GVW Range	Cab Style	Constant	Chassis Type
	not shown				0	

Division:
C = Chevrolet
T = GMC

Chassis Type:
42 = 2 wheel drive
44 = 4 wheel drive
64 = Tandem
66 = 6 wheel drive

General Information:
RPO Code — **VDS Books**
X88 = Chevrolet — 11 = Family 3
Z88 = GMC

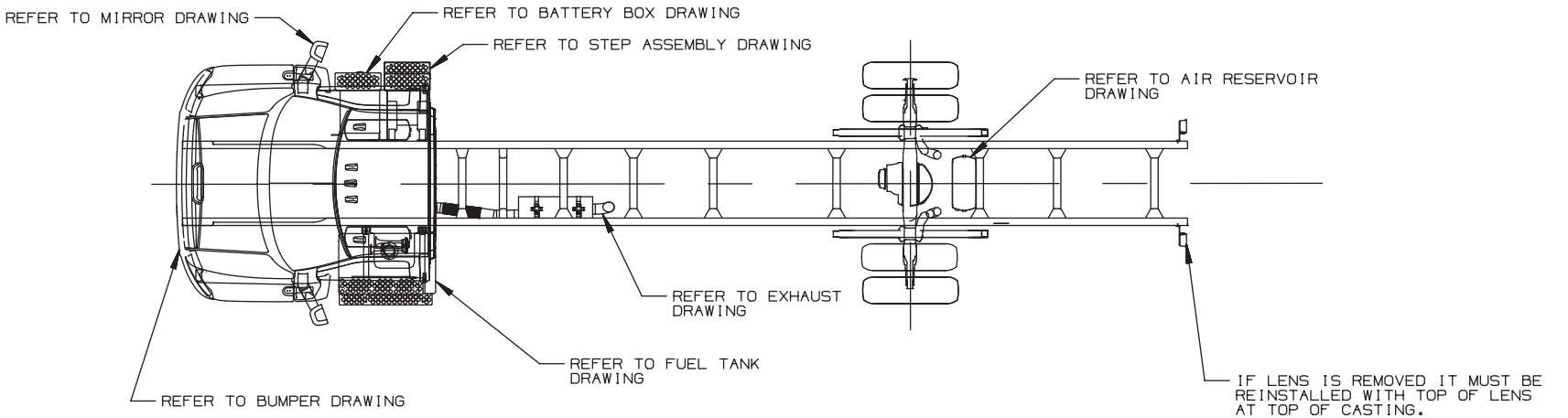
Model Line:
C = C Series

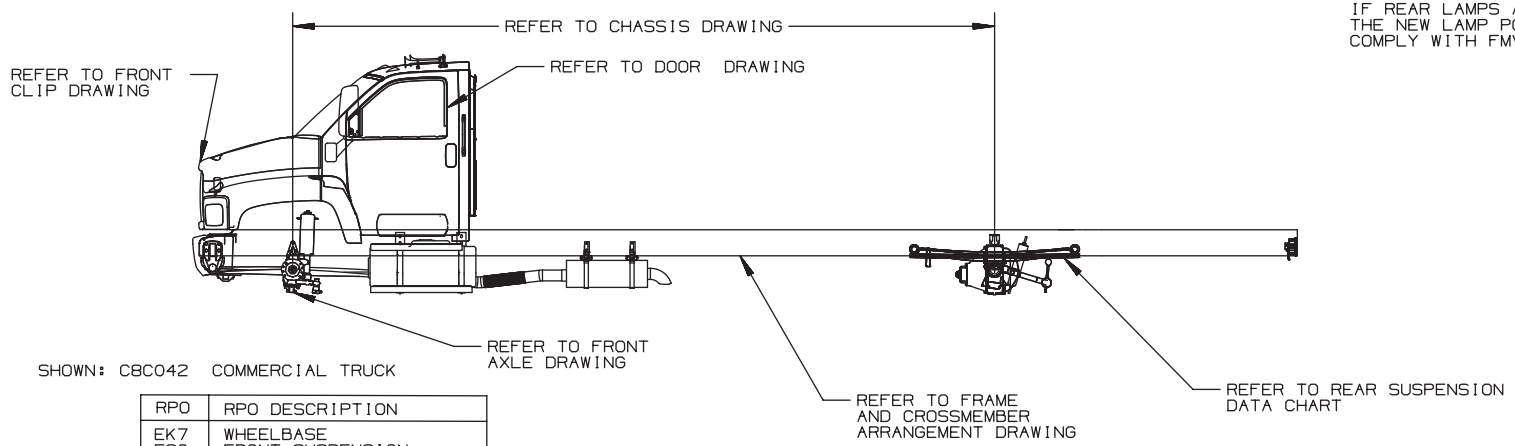
GVW Range:
6 = 19501 - 26000
7 = 26001 - 33000
8 = Over 33000

Cab Style:
C = Conventional
E = Crew
V = Commercial Cutaway

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,V042 General Arrangement





SHOWN: C8C042 COMMERCIAL TRUCK

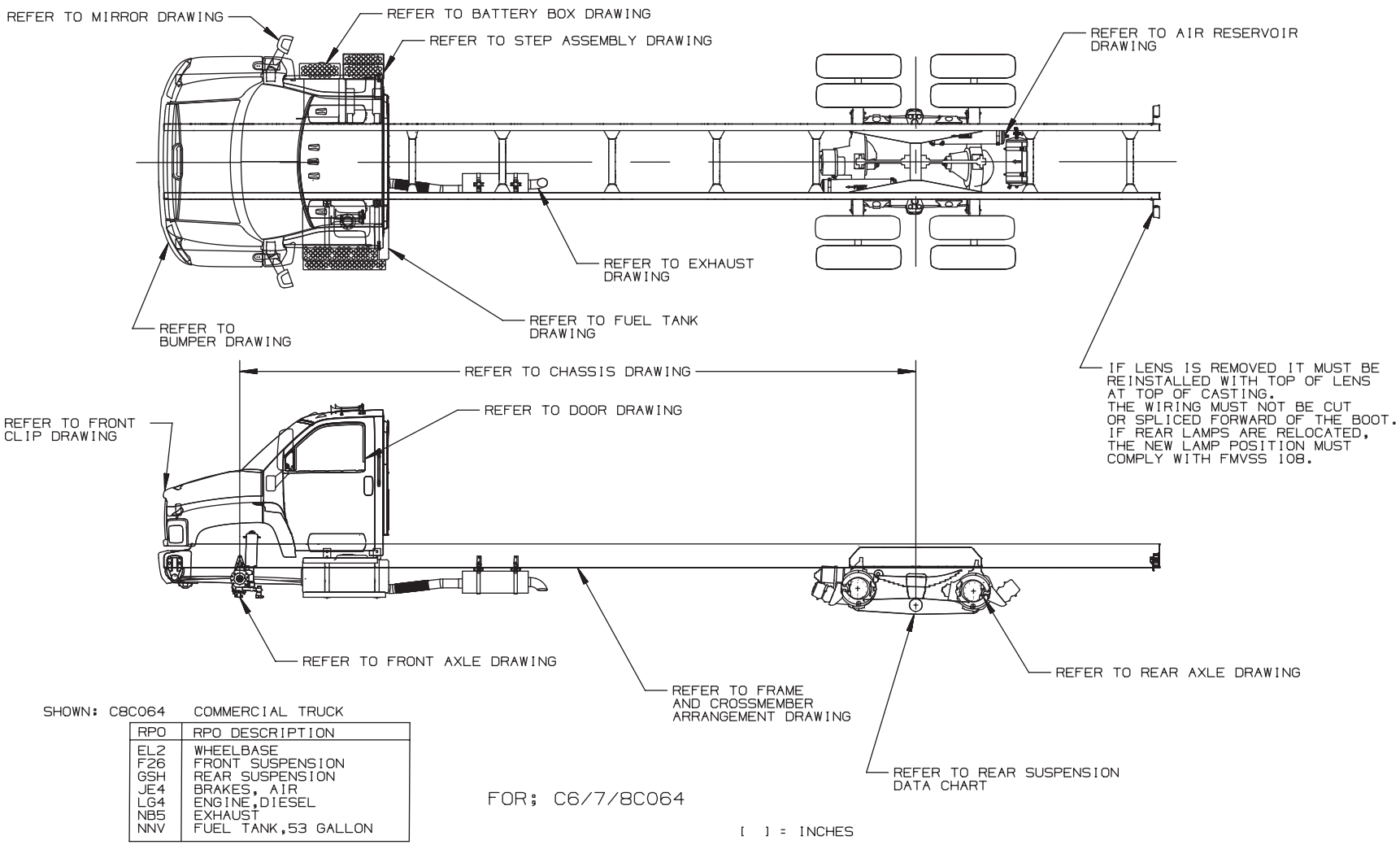
RPO	RPO DESCRIPTION
EK7	WHEELBASE
F26	FRONT SUSPENSION
GR9	REAR SUSPENSION
JE4	BRAKES, AIR
L18	ENGINE,DIESEL
NB5	EXHAUST
NNV	FUEL TANK,53 GALLON

FOR; C6/7/8C042

[ ] = INCHES

TD005859

C8C064 General Arrangement



SHOWN: C8C064 COMMERCIAL TRUCK

RPO	RPO DESCRIPTION
EL2	WHEELBASE
F26	FRONT SUSPENSION
GSH	REAR SUSPENSION
JE4	BRAKES, AIR
LG4	ENGINE,DIESEL
NB5	EXHAUST
NNV	FUEL TANK,53 GALLON

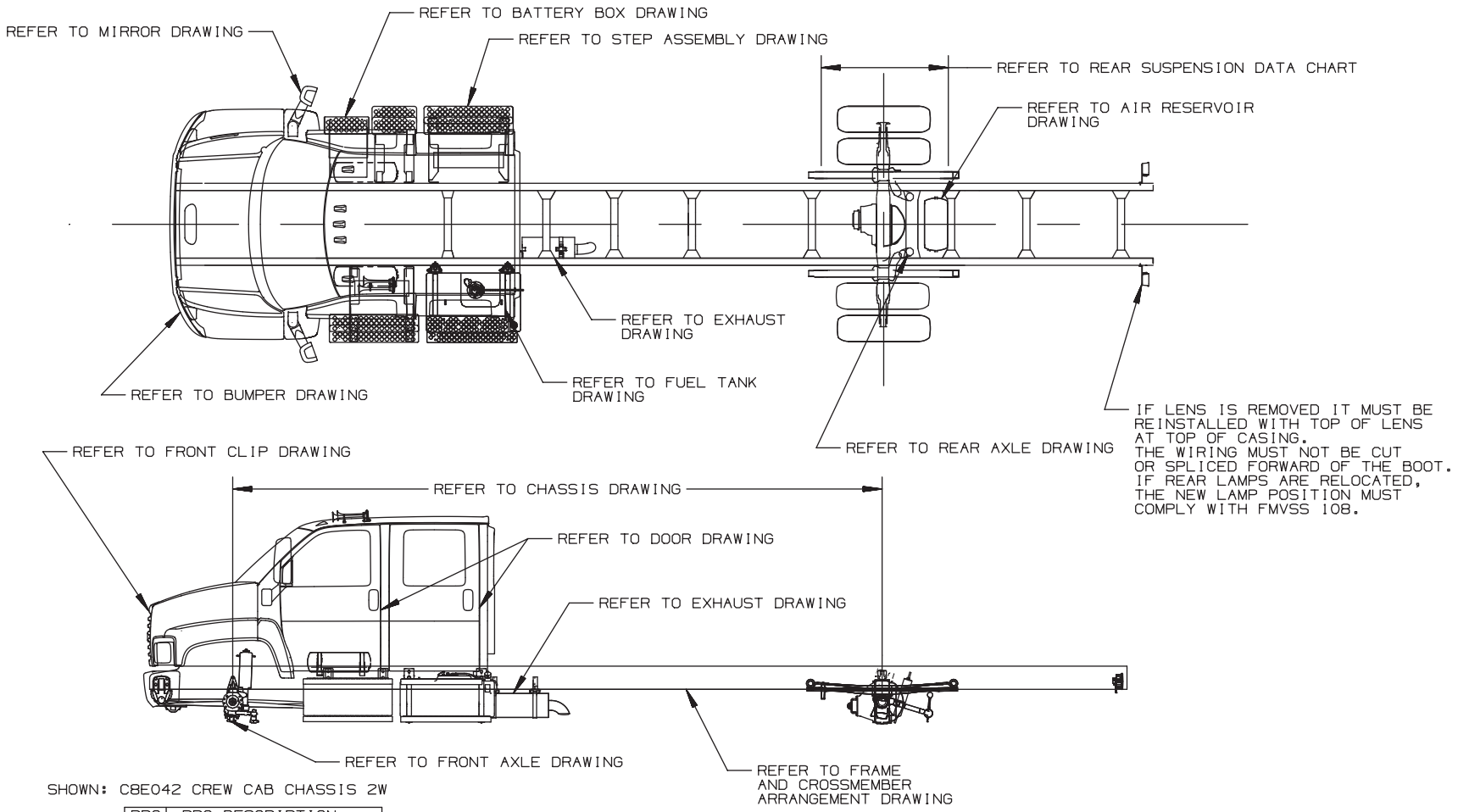
FOR; C6/7/8C064

[ ] = INCHES

TD005841

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8E042 General Arrangement



SHOWN: C8E042 CREW CAB CHASSIS 2W

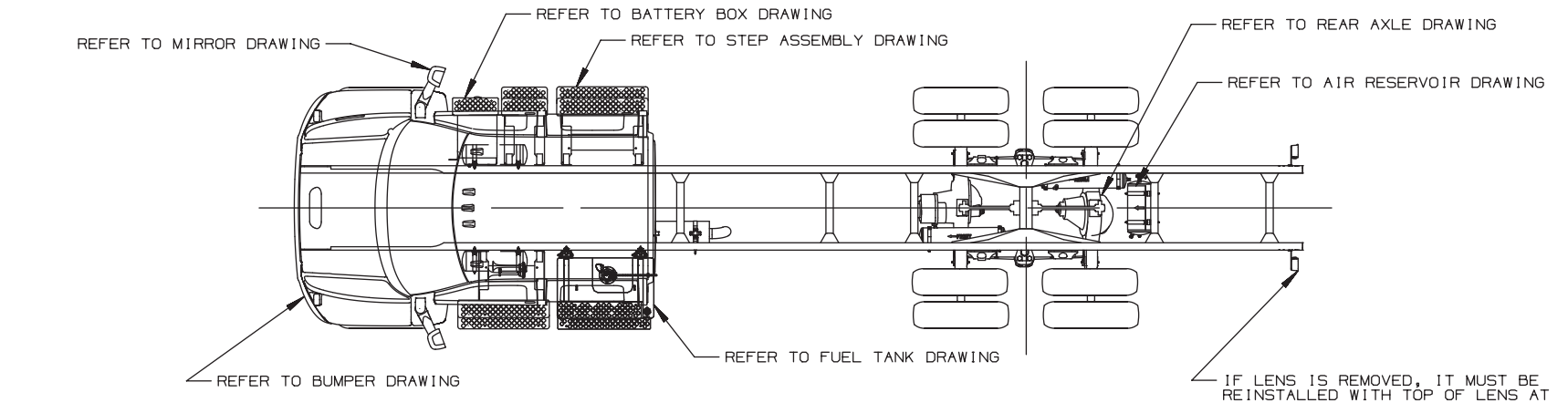
RPO	RPO DESCRIPTION
EK7	WHEELBASE
F26	FRONT SUSPENSION
GR9	REAR SUSPENSION
JE4	BRAKES, AIR
LG4	ENGINE, DIESEL
NB5	EXHAUST
NNV	FUEL TANK, 53 GALLON

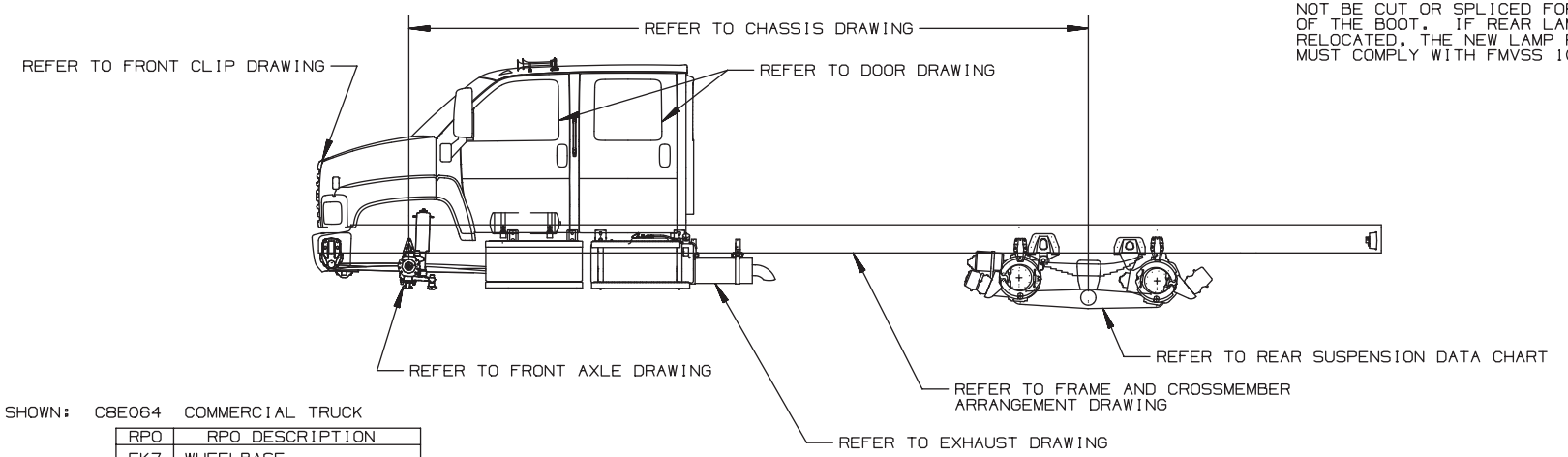
FOR; C6/7/8E042

[ ]=INCHES

TD005853

C8E064 General Arrangement





SHOWN: C8E064 COMMERCIAL TRUCK

RPO	RPO DESCRIPTION
EK7	WHEELBASE
F26	FRONT SUSPENSION
GSH	REAR SUSPENSION
JE4	BRAKES, AIR
LG4	ENGINE, DIESEL
NB5	EXHAUST
NNV	FUEL TANK, 53 GALLON

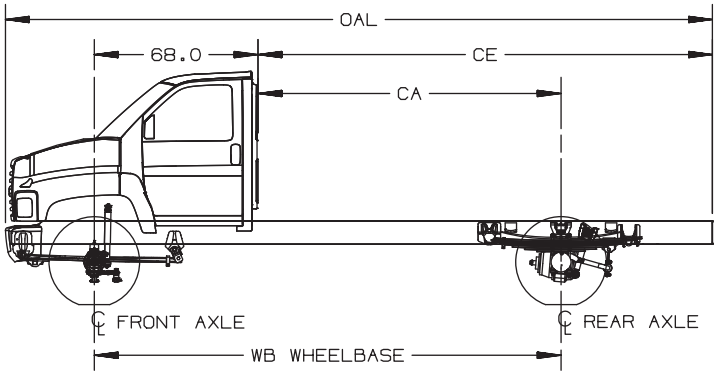
FOR; C6/7/8E064

[ ] = INCHES

TD005854

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C042 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

C6C/C7C/C8C042 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	28	30
EC9/128	[60.0]	[135.3]	[240.3]	7/93	2/98														
FQT/140	[72.0]	[135.3]	[240.3]	15/85	11/89	6/94													
EG9/152	[84.0]	[135.3]	[240.3]	22/78	18/82	14/86	6/94												
EH8/170	[102.0]	[171.1]	[276.1]		26/74	23/77	16/84	9/91	5/95										
FNW/176	[108.0]	[188.9]	[293.8]			26/74	19/81	12/88	9/91	5/95									
EK8/188	[120.0]	[188.9]	[293.8]				24/76	18/82	14/86	11/89	8/92	5/95							
EK4/194	[126.0]	[231.0]	[335.9]					20/80	17/83	14/86	11/89	8/92	5/95						
EK5/206	[138.0]	[231.0]	[335.9]						22/78	19/81	16/84	13/87	10/90	7/93					
EL5/212	[144.0]	[249.1]	[354.0]						24/76	21/79	18/82	16/84	13/87	10/90	4/96				
EK6/224	[156.0]	[249.1]	[354.0]							25/75	23/77	20/80	17/83	15/85	9/91	4/96			
EG7/236	[168.0]	[273.1]	[378.1]								27/73	24/76	22/78	19/81	14/86	9/91	4/96		
ES5/248	[180.0]	[273.1]	[378.1]									28/72	25/75	23/77	18/82	13/87	8/92	4/96	
EK7/260	[192.0]	[304.2]	[409.2]										29/71	27/73	22/78	17/83	13/87	8/92	
EK9/272	[204.0]	[304.2]	[409.2]											30/70	25/75	21/79	17/83	12/88	8/92
EL0/284	[216.0]	[351.1]	[456.0]												29/71	24/76	20/80	16/84	12/88
EL1/296	[228.0]	[351.1]	[456.0]												31/69	27/73	23/77	19/81	15/85
EL2/308	[240.0]	[351.1]	[456.0]												34/66	30/70	26/74	22/78	19/81

FOR MILLIMETER CONVERSION MULTIPLY X 25.4

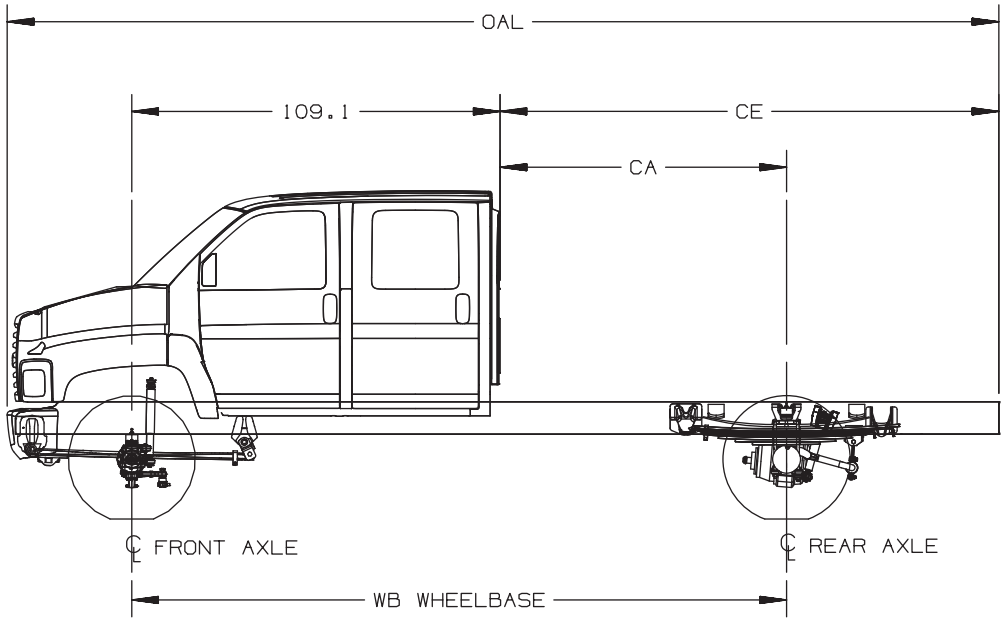
FOR: GMT 560, C6C0/C7C0/C8C042, 2003

[ ]=INCHES

TD005843b

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8E042 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

C6E/C7E/C8E042 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
EK4/194	[84.9]	[147.8]	[293.8]	17/83	14/86	11/89	5/95							
ED7/217	[107.9]	[189.9]	[335.9]		23/77	21/79	15/85	10/90	7/93					
EQ4/229	[119.9]	[208.0]	[354.0]				20/80	14/86	12/88	9/91	7/93	4/96		
ES5/248	[138.9]	[232.0]	[378.1]					21/79	19/81	16/84	14/86	11/89	9/91	6/94
EK7/260	[150.9]	[263.1]	[409.2]						22/78	20/80	18/82	15/85	13/87	11/89

[ ]= INCHES

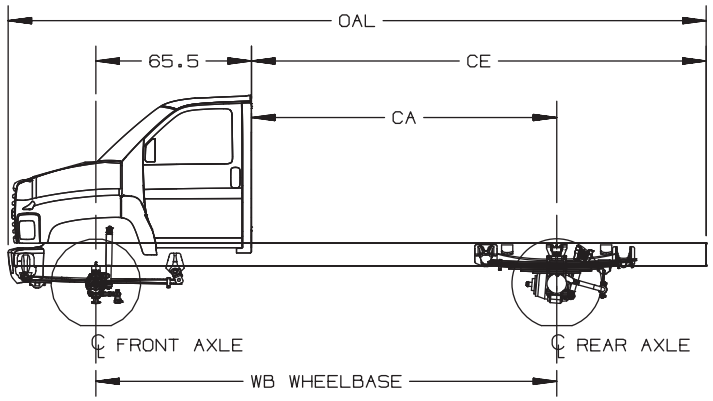
FOR MILLIMETER CONVERSION MULTIPLY X 25.4

FOR: GMT 560, C6E0/C7E0/C8E042, 2003

TD005846b

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8V042 Commercial Cutaway Body Payload Weight Distribution



NOTES:
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

C6V/C7V/C8V042 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	28	30
EC9/128	[62.5]	[137.8]	[240.3]	11/89	7/93														
FQT/140	[74.5]	[137.8]	[240.3]	19/81	15/85	10/90													
EG9/152	[86.5]	[137.8]	[240.3]	25/75	21/79	17/83	10/90												
EH8/170	[104.5]	[173.6]	[276.1]		30/70	26/74	19/81	12/88	9/91	5/95									
FNW/176	[110.5]	[191.4]	[293.8]			29/71	22/78	15/85	12/88	8/92	5/95								
EK8/188	[122.5]	[191.4]	[293.8]				27/73	20/80	17/83	14/86	11/89	8/92	5/95						
EK4/194	[128.5]	[233.5]	[335.9]					23/77	20/80	17/83	14/86	11/89	7/93	4/96					
EK5/206	[140.5]	[233.5]	[335.9]						25/75	22/78	19/81	16/84	13/87	10/90	4/96				
EL5/212	[146.5]	[251.6]	[354.0]						27/73	24/76	21/79	18/82	15/85	12/88	7/93				
EK6/224	[158.5]	[251.6]	[354.0]							28/72	25/75	23/77	20/80	17/83	12/88	6/94			
EG7/236	[170.5]	[275.6]	[378.1]								29/71	26/74	24/76	21/79	16/84	11/89	6/94		
ES5/248	[182.5]	[275.6]	[378.1]									30/70	28/72	25/75	20/80	16/84	11/89	6/94	
EK7/260	[194.5]	[306.7]	[409.2]										31/69	29/71	24/76	19/81	15/85	10/90	6/94
EK9/272	[206.5]	[306.7]	[409.2]											32/68	27/73	23/77	19/81	14/86	10/90
EL0/284	[218.5]	[353.6]	[456.0]												30/70	26/74	22/78	18/82	14/86
EL1/296	[230.5]	[353.6]	[456.0]													29/71	25/75	21/79	17/83

FOR MILLIMETER CONVERSION MULTIPLY X 25.4

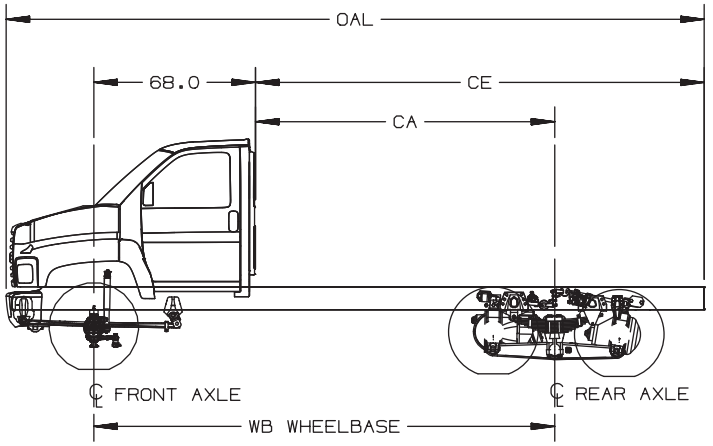
FOR: GMT 560, C6V0/C7V0/C8V042, 2003

[ ]= INCHES

TD005844c

2003 MEDIUM DUTY C SERIES – FAMILY 3

C8C064 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

C8C064 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) *

DIMENSIONS (IN)				** BODY LENGTHS (FT)															
WHEELBASE	CA	CE	OAL	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	28	30
EG9/152	[84.0]	[171.1]	[276.1]	10/90	6/94															
EH8/170	[102.0]	[171.1]	[276.1]		16/84	12/88	9/91	5/95												
FNW/176	[108.0]	[188.9]	[293.8]		19/81	15/85	12/88	9/91	5/95											
EK8/188	[120.0]	[188.9]	[293.8]				18/82	14/86	11/89	8/92	5/95									
EK4/194	[126.0]	[231.0]	[335.9]				20/80	17/83	14/86	11/89	8/92	5/95								
EK5/206	[138.0]	[231.0]	[335.9]						19/81	16/84	13/87	10/90	7/93	4/96						
EL5/212	[144.0]	[249.1]	[354.0]						21/79	18/82	16/84	13/87	10/90	7/93						
EK6/224	[156.0]	[249.1]	[354.0]									17/83	15/85	12/88	9/91	7/93	4/96			
EG7/236	[168.0]	[273.1]	[378.1]									22/78	19/81	17/83	14/86	11/89	9/91			
ES5/248	[180.0]	[273.1]	[378.1]										23/77	21/79	18/82	16/84	13/87	8/92	4/96	
EK7/260	[192.0]	[304.2]	[409.2]										27/73	24/76	22/78	20/80	17/83	13/87	8/92	
EL2/308	[240.0]	[351.1]	[456.0]													32/68	30/70	26/74	22/78	19/81

[ ]=INCHES

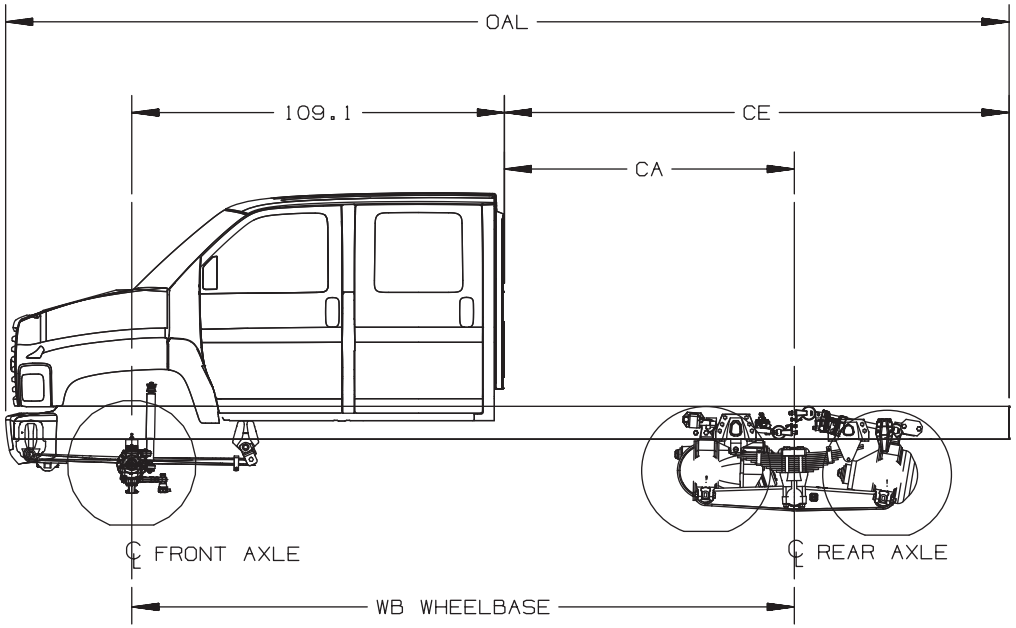
FOR MILLIMETER CONVERSION MULTIPLY X 25.4

FOR: GMT 560, C8C064, 2003

TD005849

2003 MEDIUM DUTY C SERIES – FAMILY 3

C8E064 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

C8E064 BODY-PAYLOAD WEIGHT DISTRIBUTION (% FRONT / % REAR) *

DIMENSIONS (IN)				** BODY LENGTHS (FT)											
WHEELBASE	CA	CE	OAL	11	12	13	14	15	16	17	18	19	20	21	22
EK4/194	[84.9]	[153.7]	[299.7]	8/92	5/95										
ED7/217	[107.9]	[189.9]	[335.9]		15/85	12/88	10/90	7/93	4/96						
EQ4/229	[119.9]	[208.0]	[354.0]			17/83	14/86	12/88	9/91	7/93	4/96				
ES5/248	[138.9]	[232.0]	[378.1]				21/79	19/81	16/84	14/86	11/89	9/91	6/94		
EK7/260	[150.9]	[263.1]	[409.2]							18/82	15/85	13/87	11/89	8/92	6/94

FOR: GMT 560, C8E064, 2003

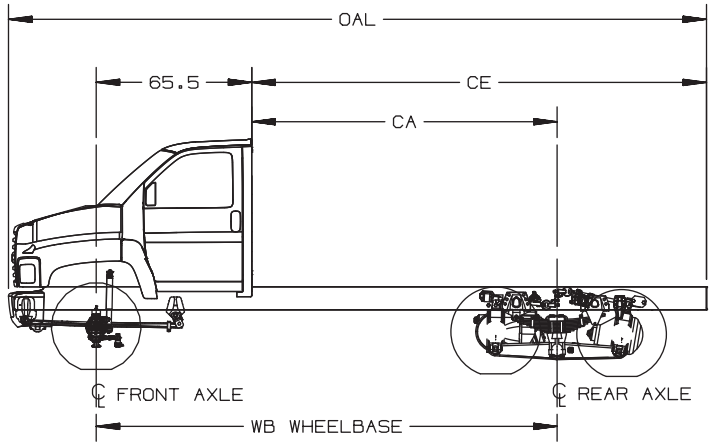
[ ]= INCHES

FOR MILLIMETER CONVERSION MULTIPLY X 25.4

TD005873

2003 MEDIUM DUTY C SERIES – FAMILY 3

C8V064 Commercial Cutaway Body Payload Weight Distribution



NOTES:
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

C8V064 BODY-PAYLOAD WEIGHT
DISTRIBUTION (% FRONT / % REAR) *

DIMENSIONS (IN)				** BODY LENGTHS (FT)														
WHEELBASE	CA	CE	OAL	11	12	13	14	15	16	17	18	19	20	21	22	23	24	26	28	30
EG9/152	[86.5]	[173.7]	[276.1]	13/87	10/90	6/94														
EH8/170	[104.5]	[173.7]	[276.1]		19/81	16/84	12/88	9/91												
FNW/176	[110.5]	[191.4]	[293.8]		22/78	18/82	15/85	12/88	8/92											
EK8/188	[122.5]	[191.4]	[293.8]				20/80	17/83	14/86	11/89	8/92									
EK4/194	[128.5]	[233.5]	[335.9]				23/77	20/80	17/83	14/86	11/89	7/93								
EK5/206	[140.5]	[233.5]	[335.9]						22/78	19/81	16/84	13/87	10/90	7/93						
EL5/212	[146.5]	[251.6]	[354.0]						24/76	21/79	18/82	15/85	12/88	10/90						
EK6/224	[158.5]	[251.6]	[354.0]									20/80	17/83	15/85	12/88	9/91	6/94			
EG7/236	[170.5]	[275.6]	[378.1]									24/76	21/79	19/81	16/84	14/86	11/89	6/94		
ES5/248	[182.5]	[275.6]	[378.1]										25/75	23/77	20/80	18/82	16/84	11/89	6/94	
EK7/260	[194.5]	[306.7]	[409.2]											26/74	24/76	22/78	19/81	15/85	10/90	6/94
EL2/308	[242.5]	[353.6]	[456.0]														32/68	28/72	24/76	20/80

[ ]= INCHES

FOR MILLIMETER CONVERSION MULTIPLY X 25.4

FOR: GMT 560, C8V064, 2003

TD005872

Formulas for Calculating Height Dimensions to Top of Frame

Front Axle

Sample Data:

Model	Tire	Tire Loaded Radius		LH	C	D
C7C042	225/70R19.5F R3C/S3C (Goodyear)	15"		9.33"	8.20"	6.35"
Frame	**Frame Reinforcement RPO**	**Wheelbase**	**Suspension RPO**		**Axle RPO**	
FD5	F08	FNW	FSN (8,000 lb)		FM8 (8,000 lb)	

Formulas:

CH = C + Tire Loaded Radius + LH
DH = D + Tire Loaded Radius + LH

CH = 8.20" + 15" + 9.33" = 32.53"
DH = 6.35" + 15" + 9.33" = 30.68"

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.

Formulas for Calculating Height Dimensions to Top of Frame

Rear Axle

Sample Data:

Model	Tire	Tire Loaded Radius	LH	C	D
C7C042	225/70R19.5F S3H (Goodyear)	15.1"	9.33"	10.95"	7.77"

Frame	Frame Reinforcement RPO	Wheelbase	Suspension RPO	Axle RPO
FD5	F08	FNW	GNO (19,000 lb)	HPK (19,000 lb)

Formulas:

CH = Tire Loaded Radius + C + LH
DH = Tire Loaded Radius + D + LH

CH = 15.1" + 10.95" + 9.33" = 35.38"
DH = 15.1" + 7.77" + 9.33" = 32.2"

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

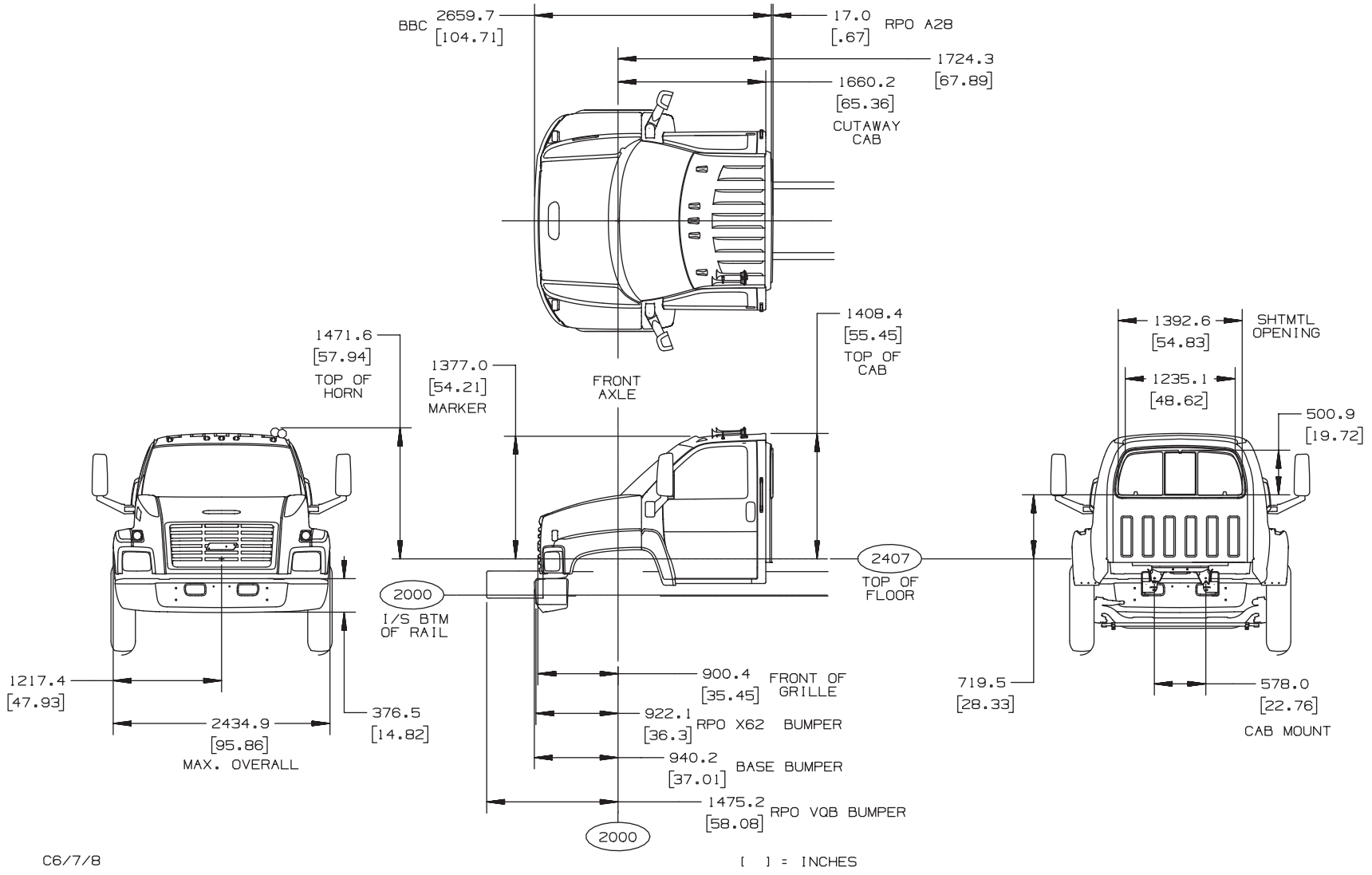
NOTE: See the tire data charts for the following values: Tire Model and Tire Loaded Radius.
For the C & D values see the Rear Axle and Suspension Chart.
For the LH values see the Frame Length with Reinforcements section.

Step Height Dimensions:

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

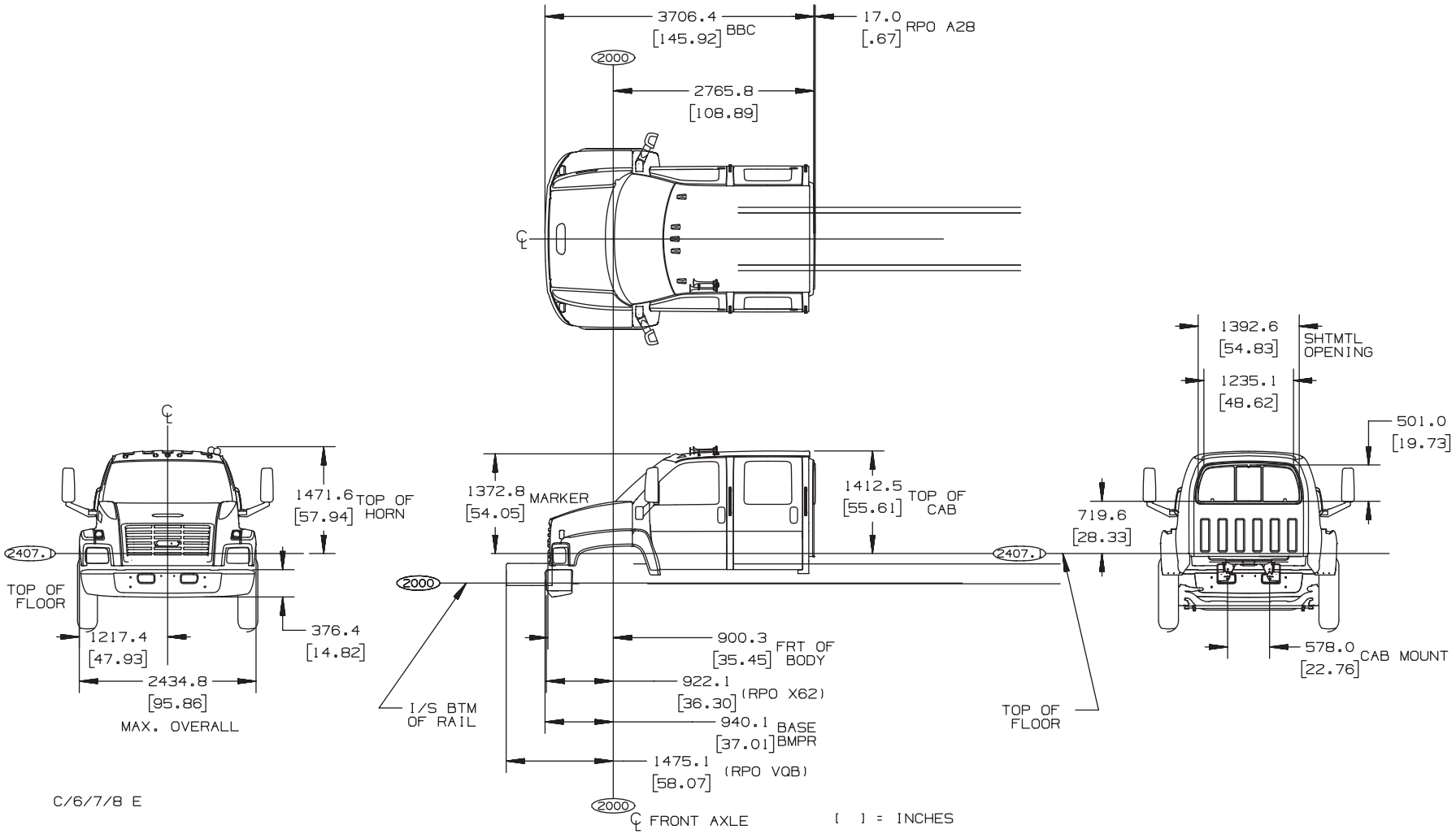
2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,V042/64 Regular Cab Exterior



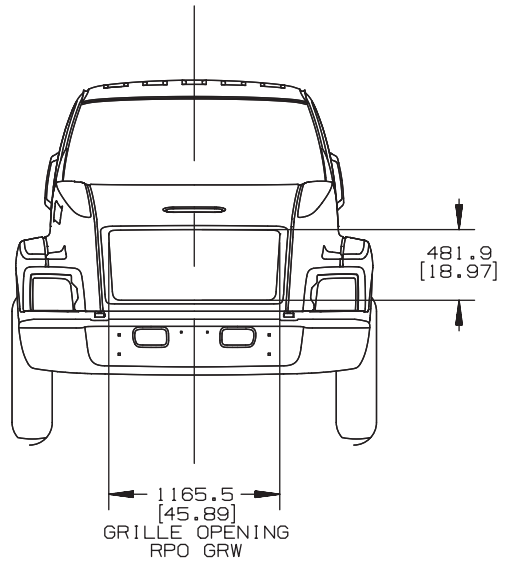
TD005861a

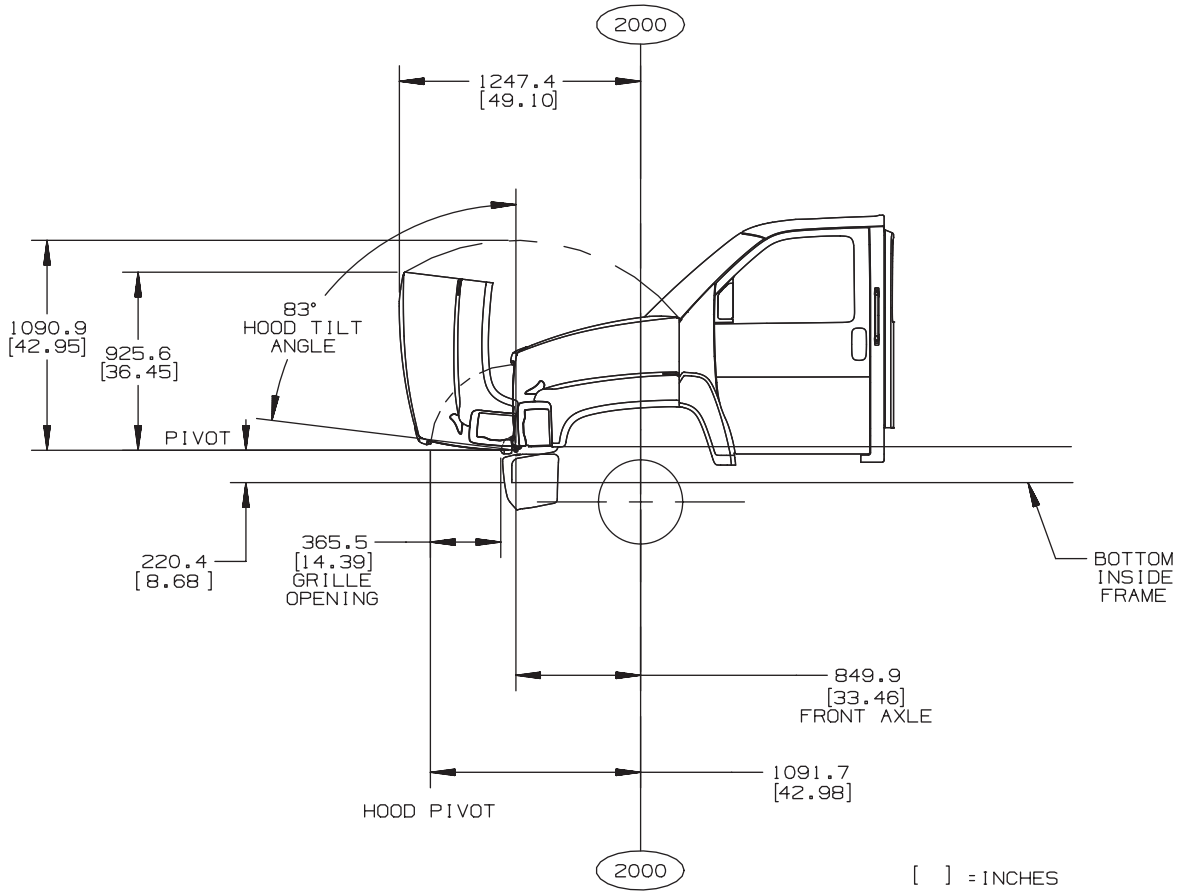
C6/C7/C8E042/64 Crew Cab Exterior



TD005860b

C6/C7/C8C,E,V042/64 Hood Opening and Swing



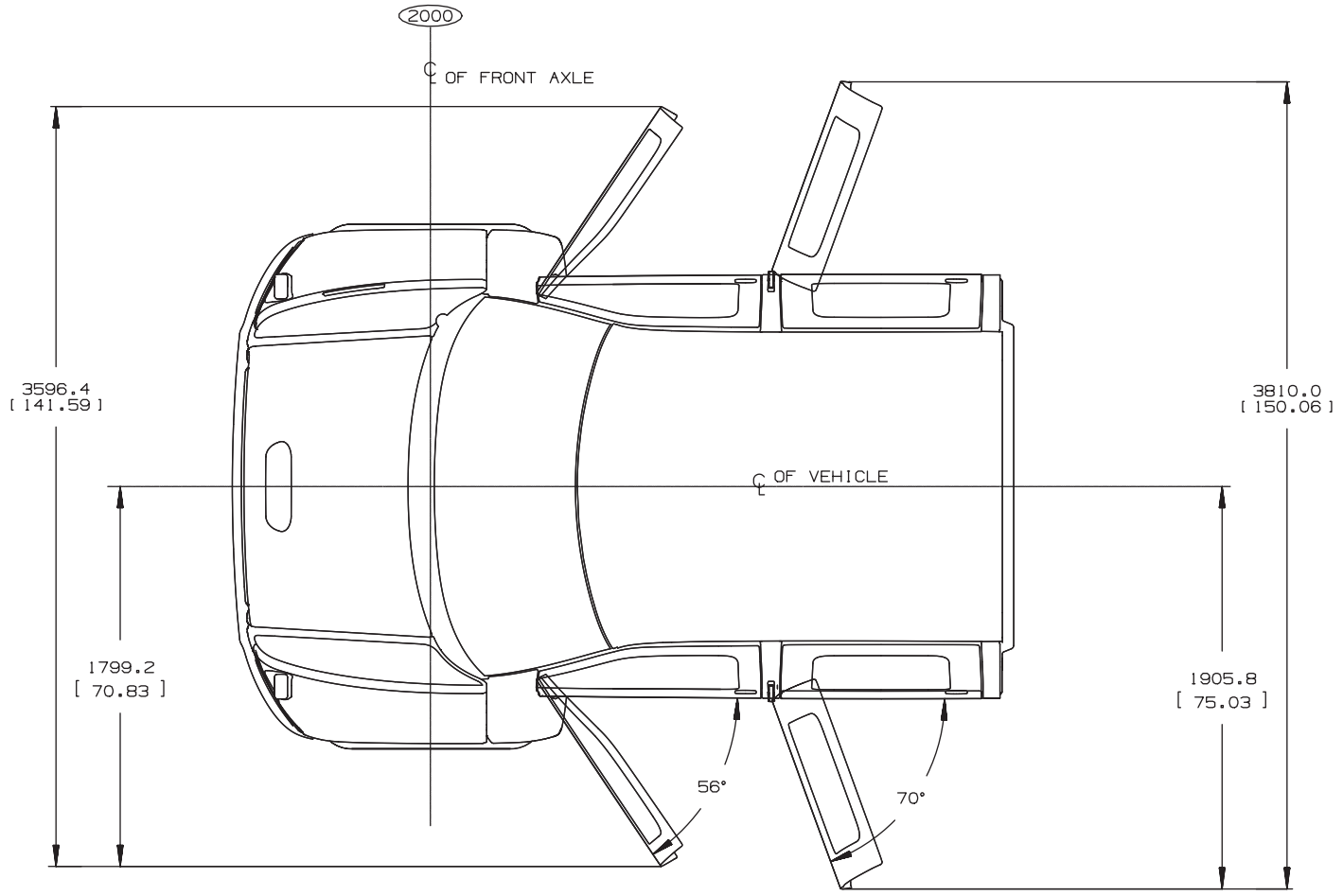


NOTE:
ALL VERTICAL DIMENSIONS
ARE FROM THE INSIDE
BOTTOM FLANGE OF FRAME

HOOD OPENING & SWING
GMT 560, C6/7/8, 2003

TD005847b

C6/C7/C8C,E,V042/64 Door Swing



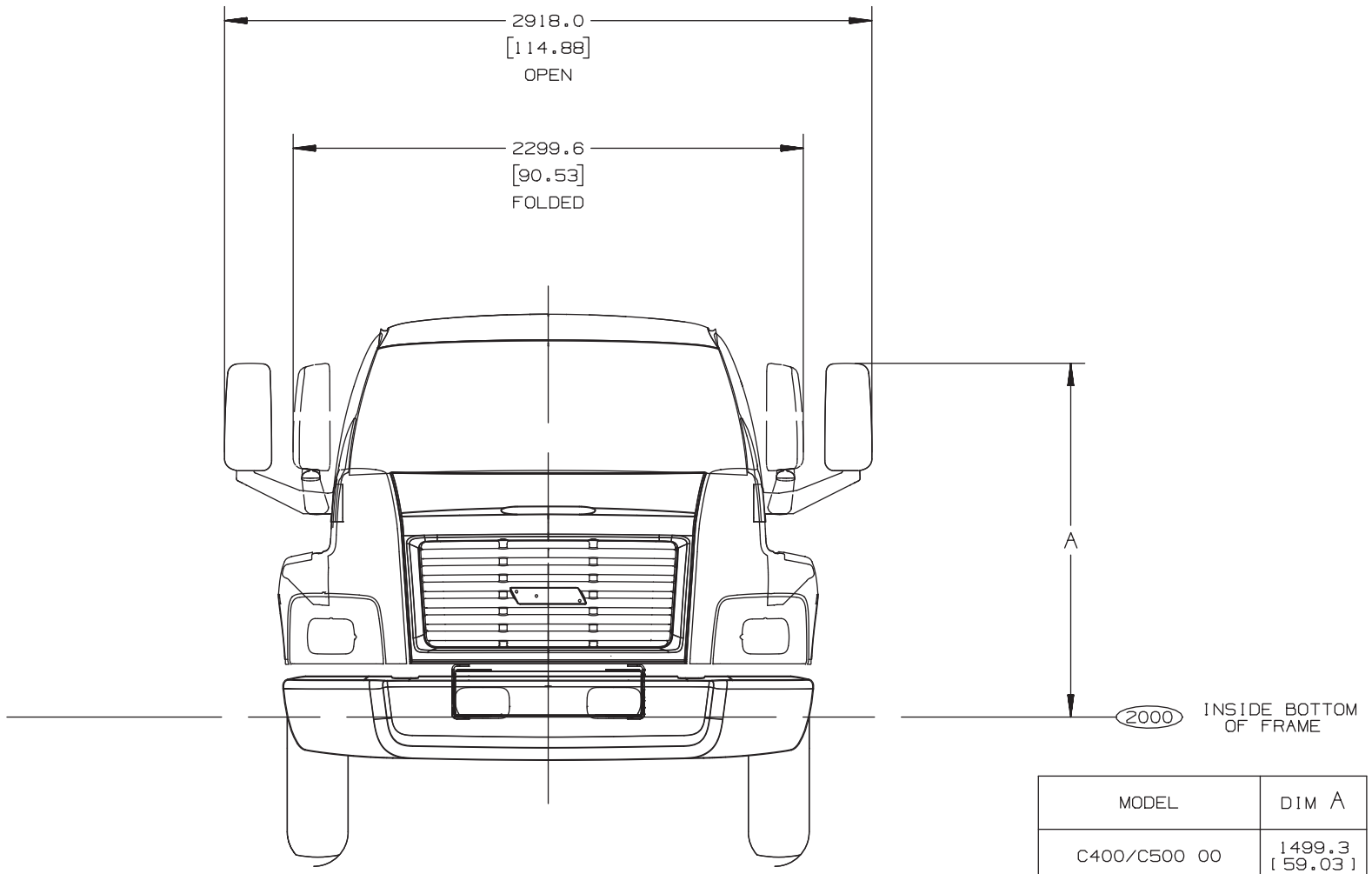
[ ]= INCHES

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

NOTE:
REAR DOORS ARE FOR
CREW CAB ONLY C8C064

TD005850

C6/C7/C8C,E,V042/64 Mirror



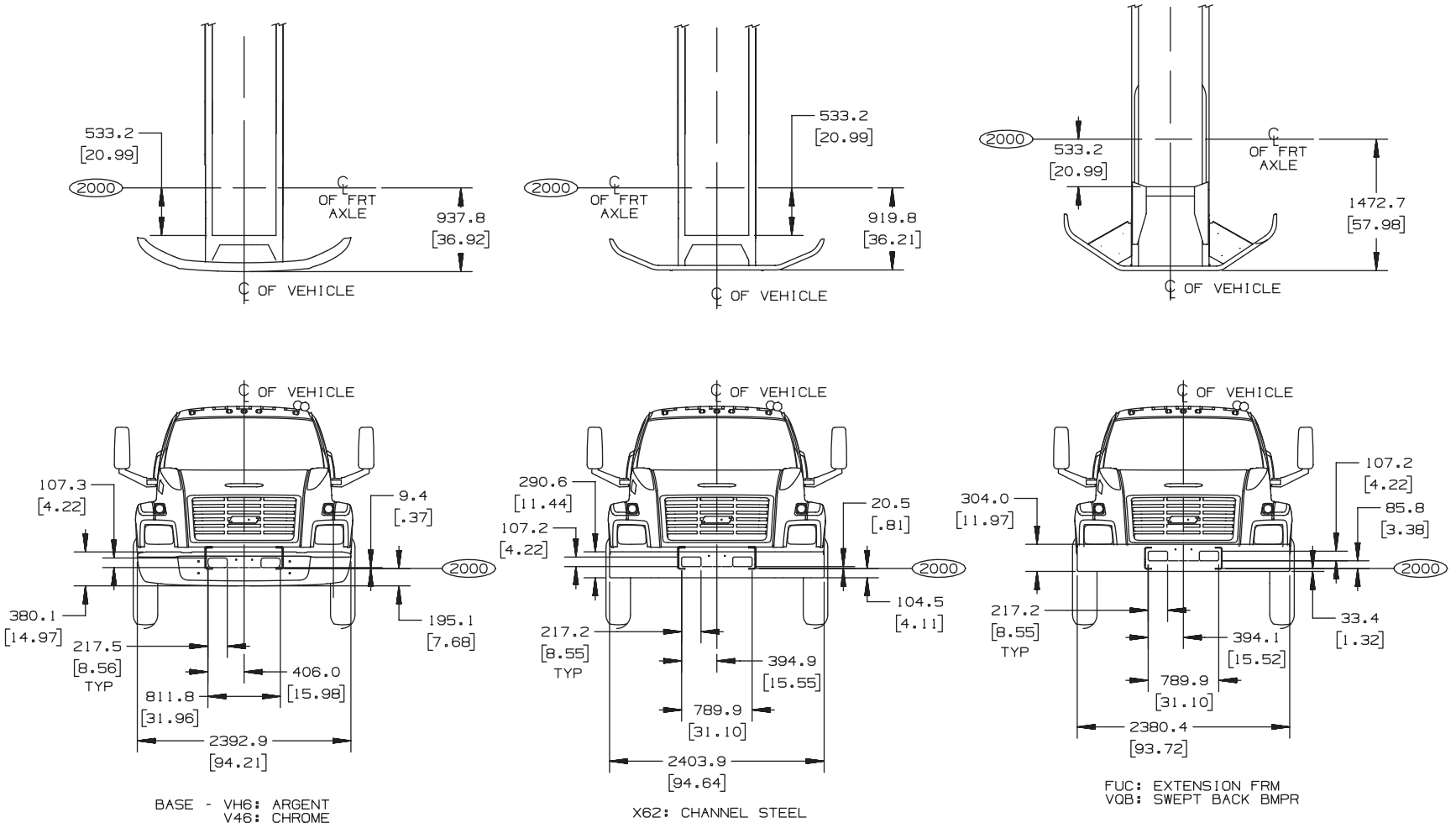
MIRROR ASM-OUTSIDE REAR VIEW
RPO DB5

MODEL	DIM A
C400/C500 00	1499.3 [59.03]
C600/C700/C800 00	1594.3 [62.77]

[ ] = INCHES

TD005862

C6/C7/C8C,E,V042/64 Front Bumpers

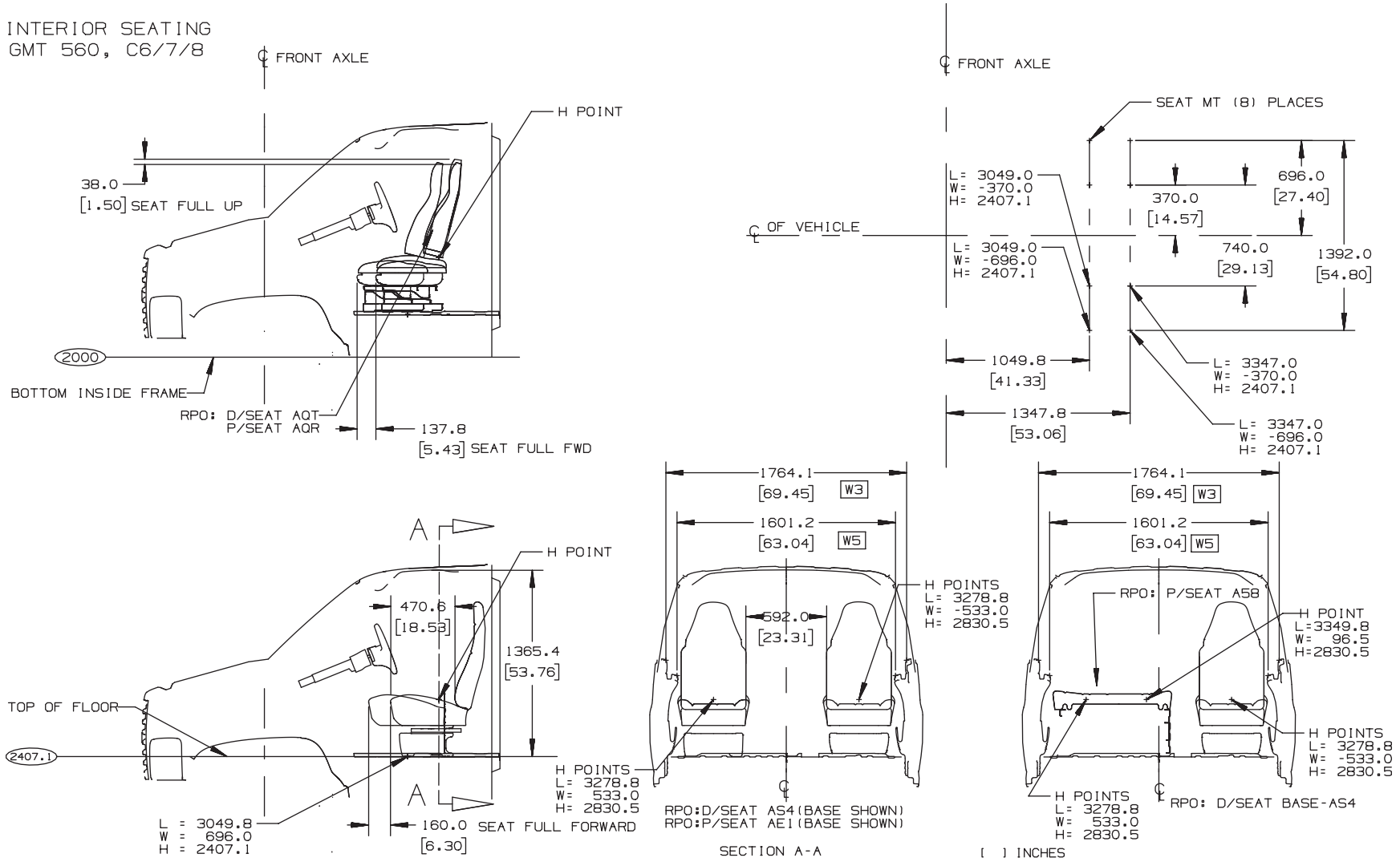


FRONT BUMPER, GMT 560, C6/7/8, 2003

[ ] = INCHES

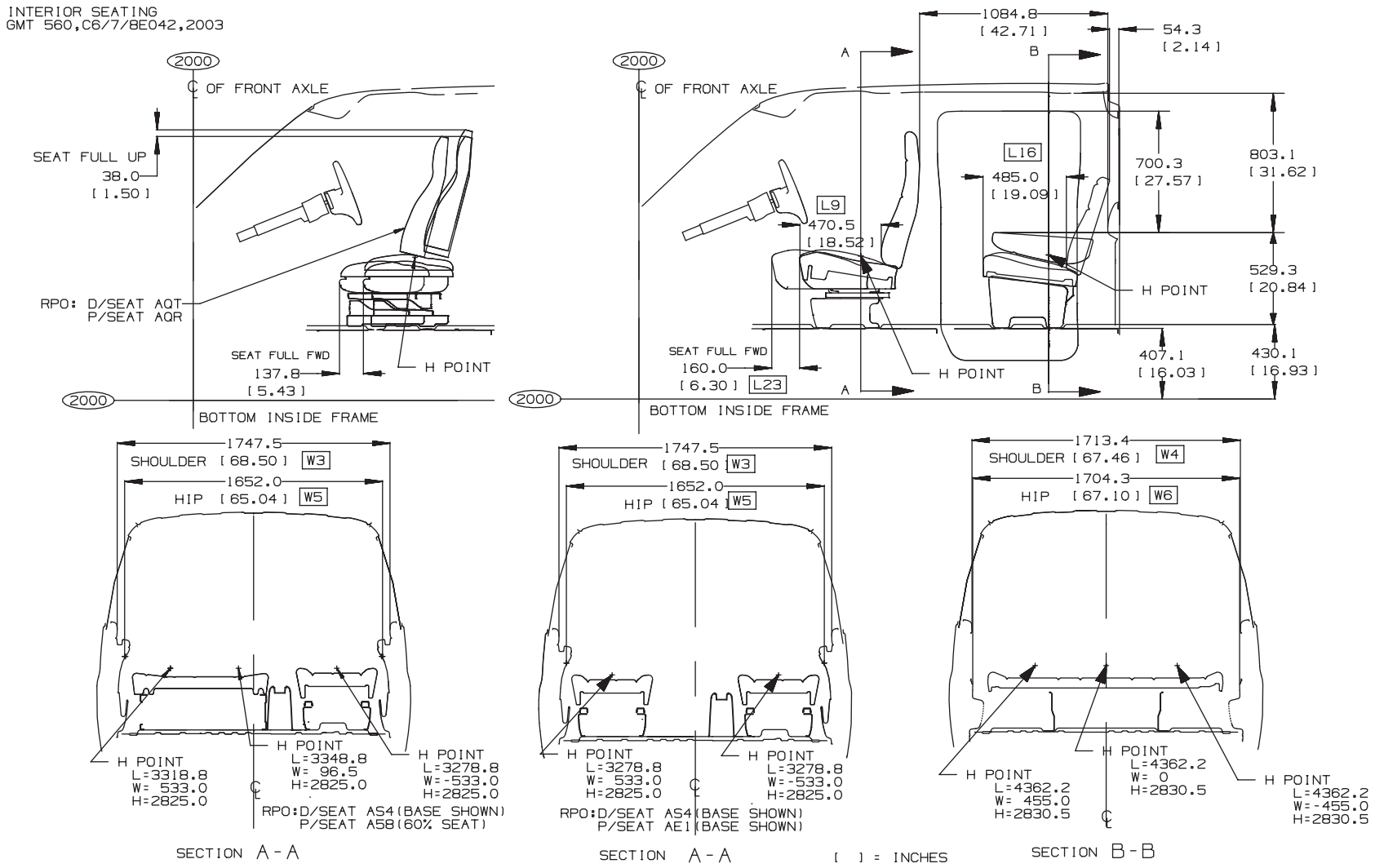
TD005884b

C6/C7/C8C,V042/64 Regular Cab Interior Seating



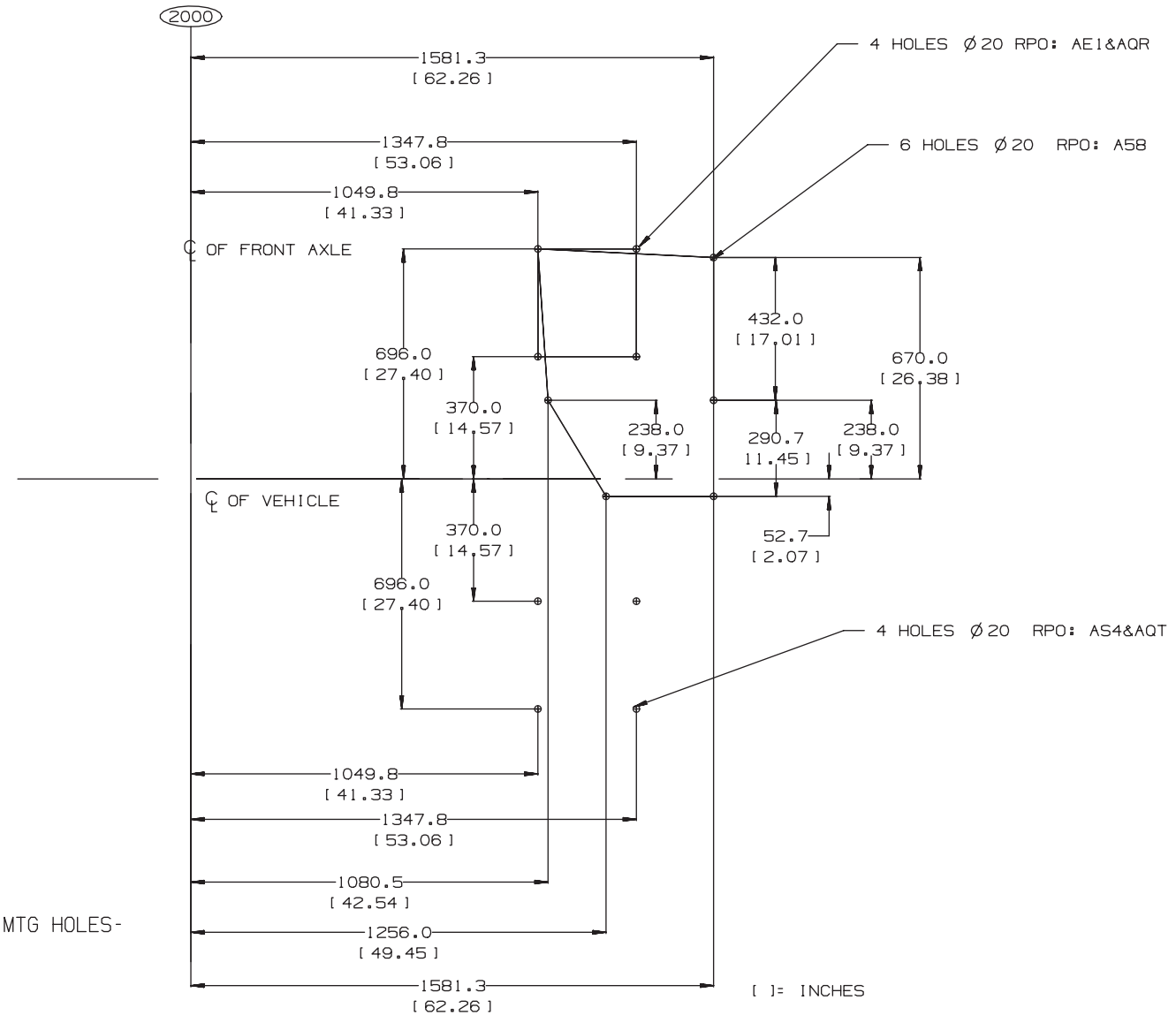
TD005857b

C6/C7/C8E042/64 Crew Cab Interior Seating



TD005858a

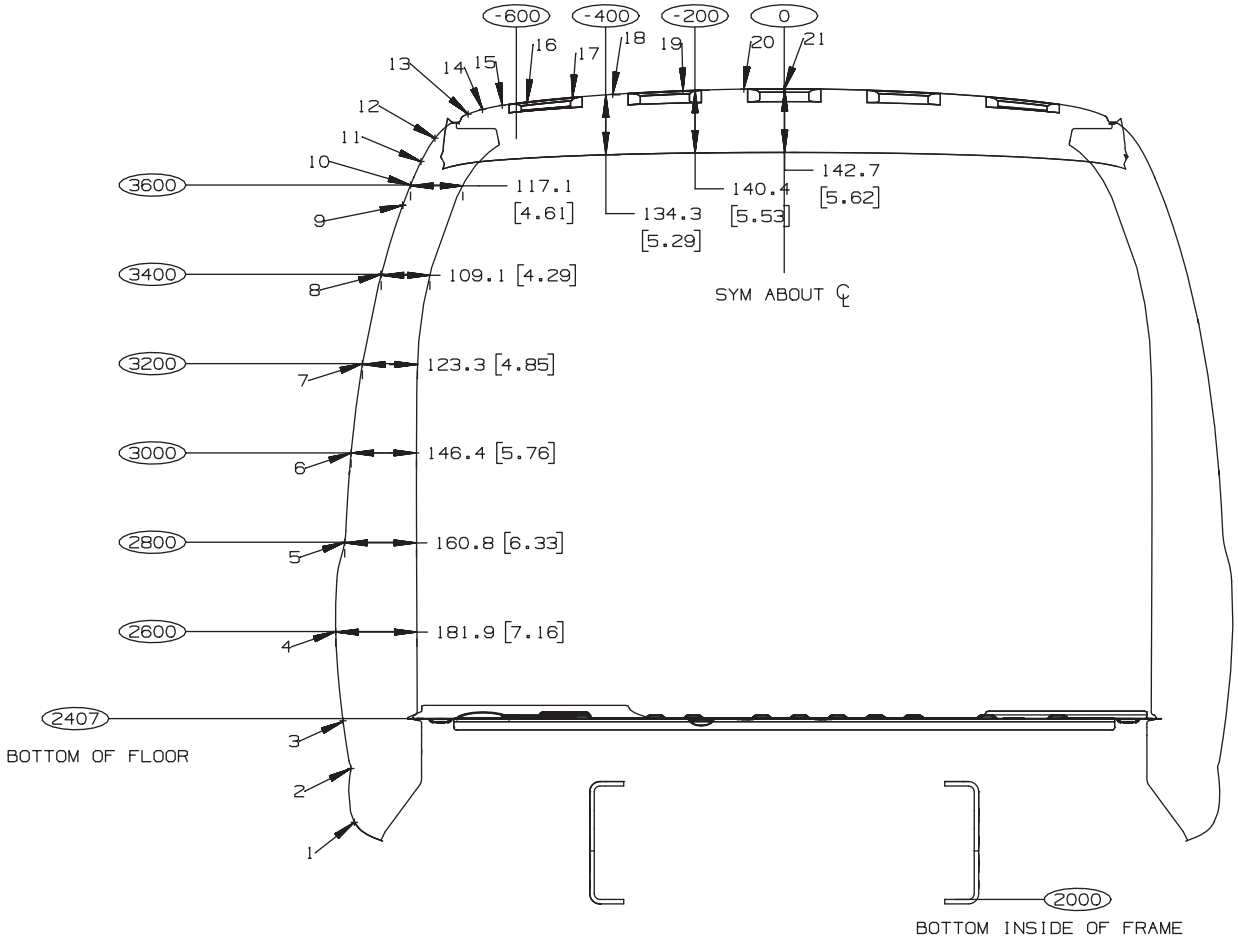
C6/C7/C8C,V042/64 Front Seat Mount Locations



INTERIOR SEATING-FRONT SEATS MTG HOLES-
GMT560,C4/5/6/7/8E042.2003

TD005858c

C6/C7/C8V042/64 Cutaway Rear Flange



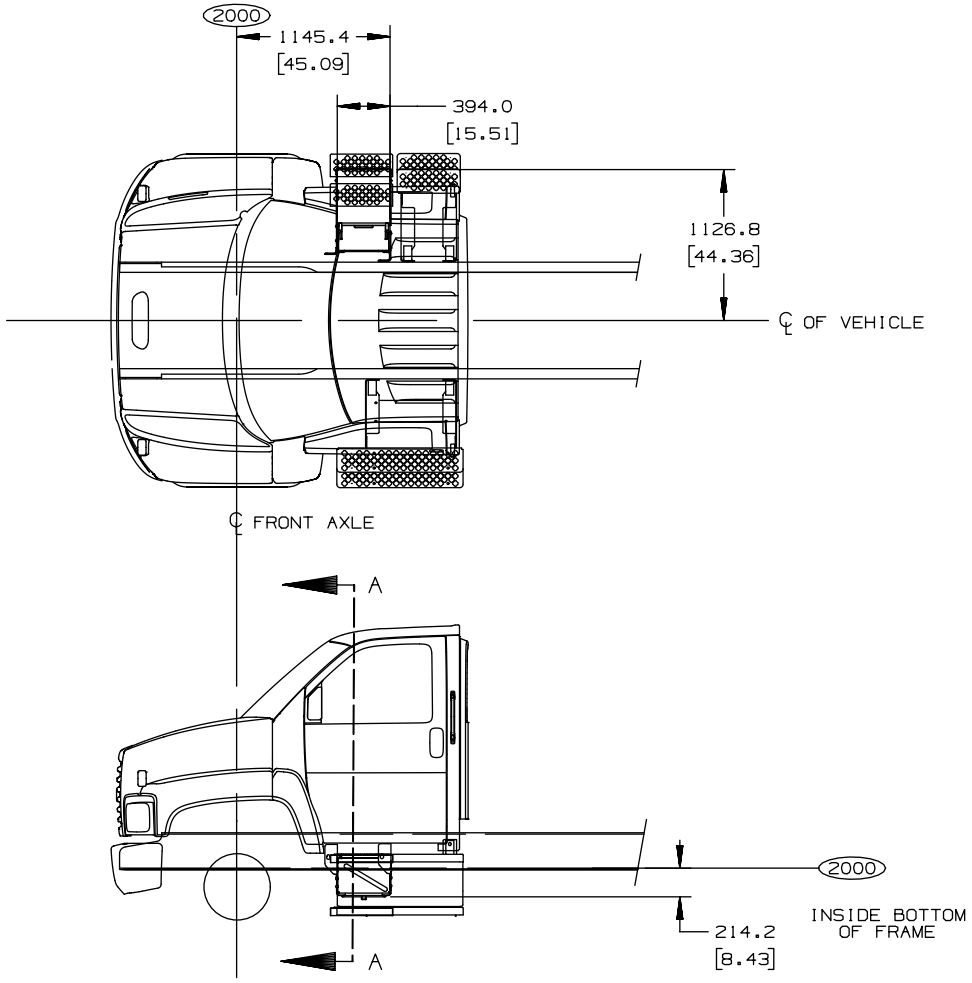
C6V042, C7V042, C8V042

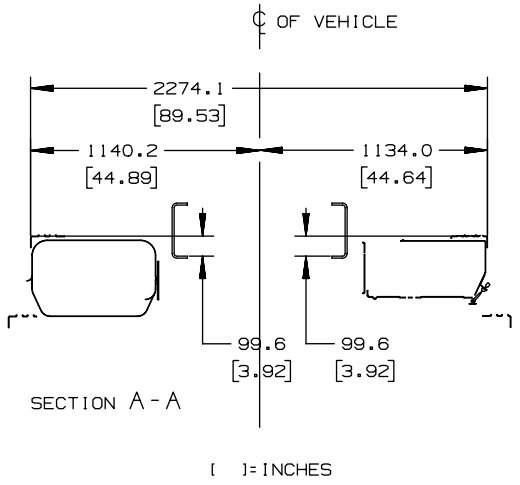
[ ]= INCHES

	WIDTH	HEIGHT	LENGTH
1	-962.62	2172.76	3653.12
	[-37.90]	[85.54]	[143.82]
2	-970.74	2293.21	"
	[-38.22]	[90.28]	"
3	-988.13	2400.00	"
	[-38.90]	[94.49]	"
4	-1004.52	2600.00	"
	[-39.55]	[102.36]	"
5	-984.29	2800.00	"
	[-38.75]	[110.24]	"
6	-970.01	3000.00	"
	[-38.19]	[118.11]	"
7	-944.74	3200.00	"
	[38.19]	[118.11]	"
8	-902.59	3400.00	"
	[-35.53]	[133.86]	"
9	-854.51	3554.61	"
	[-33.64]	[139.95]	"
10	-836.90	3600.00	"
	[-32.95]	[141.73]	"
11	-813.61	3652.71	"
	[-32.03]	[143.81]	"
12	-782.24	3705.00	"
	[-30.80]	[145.87]	"
13	-707.95	3758.90	"
	[-27.87]	[147.99]	"
14	-675.71	3769.33	"
	[-26.60]	[148.40]	"
15	-631.44	3778.46	"
	[-24.86]	[148.76]	"
16	-575.43	3786.00	"
	[-22.65]	[149.06]	"
17	-474.22	3796.19	"
	[-18.67]	[149.46]	"
18	-384.05	3803.05	"
	[-15.12]	[149.73]	"
19	-226.47	3811.25	"
	[-8.92]	[150.05]	"
20	-90.43	3814.90	"
	[-3.56]	[150.19]	"
21	0.00	3815.60	3653.12
	[0.00]	[150.22]	[143.82]

TD005885b

C6/C7/C8C,E,V042/64 Battery Box Location





BATTERY BOX LOCATION
GMT 560, C60/C70/C80-042 & C80-064

[ ]= INCHES

TD005868b

Frame Hardness Specification

- UPF (UK) Limited – Thompson Chassis 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.
- The 110k psi rails are cropped to profile, formed to section then induction heat-treated. The rails are subsequently shot blasted, prior to piercing the hole pattern, to maintain integrity of hole position and finally electrophoretically painted. The shot blast imparts a different surface roughness to the rails and reinforcements.
- 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.
- The 110 Ksi yield material (SAE J1527 quenched and tempered) is in the 269-331 BHN range.

C–Series Frame Material and Physical Properties

	Frame Side Rails or "L" Reinforcements			
	Frame RPO FDO	**Frame RPO FD5/F08**	**Frame RPO F02/F20**	**Frame RPO F02/FSC**
Material Steel No. or Type	SAE J1392 (Grade 50)	SAE J1392 (Grade 80)*	H.T. SAE 1027	H.T. SAE 1027
Physical Properties Minimum Tensile or Ultimate Strength (lbs. per sq. in.)	60,000	95,000 (125,000 Rated)	125,000	125,000
Minimum Yield Strength (lbs. per sq. in.)	50,000	80,000 (110,000 Rated)	110,000	110,000
Minimum Elongation in 2 Inches	22%	14%	12%	12%
Weldability	Permitted	Permitted	Not Permitted	Not Permitted
Resisting Bending Moment (RBM) (Rated Yield Strength x Section Modulus)	50,000 x S.M. (See Next Chart)	*110,000 x S.M (See Next Chart)	110,000 x S.M. (See Next Chart)	110,000 x S.M. (See Next Chart)

* Grade 80 is rated equivalent to Heat-Treated SAE 1027

C–Series Frame Strength and Dimensions

	Frame Side Rails or "L" Reinforcements		
	Frame RPO FDO	**Frame RPO FD5/FO8 or FSA**	**Frame RPO F02/F20 or FSC**
Side Rail Material (Steel)	SAE J1392 (-050XLK)	SAE J1392 (-080XLF)	H.T. SAE 1027 (Heat-Treated)
Side Rail Section Outside Depth-in. (mm)	9.49 (241)	9.65 (245)	10.79 (274)
Flange Width-in. (mm)	3.00 (76)	3.00 (76)	3.00 (76)
Material Thickness-in. (mm)	0.24 (6)	0.315 (8)	0.394 (10)
Section Modulus*-in.^{3}	9.58	12.53	17.93
Rated RBM	479,000	1,378,300	1,972,300
Optional Reinforcement-RPO	F08 (SEO)	F08	F20
Type C7H042 C7H042 C7H064	Invert "L"	Invert "L" F08 length to front of rear spring hanger FSA length to end of frame	Invert "L" F20 length to front of rear spring hanger FSC length to end of frame
Material Thickness-in. (mm)	.24 (6)	.24 (6)	.24 (6)
Combined Section Modulus-in.^{3}	17.39	20.36	26.91
Rated Combined RBM*	1,339,000	2,239,600	2,960,100

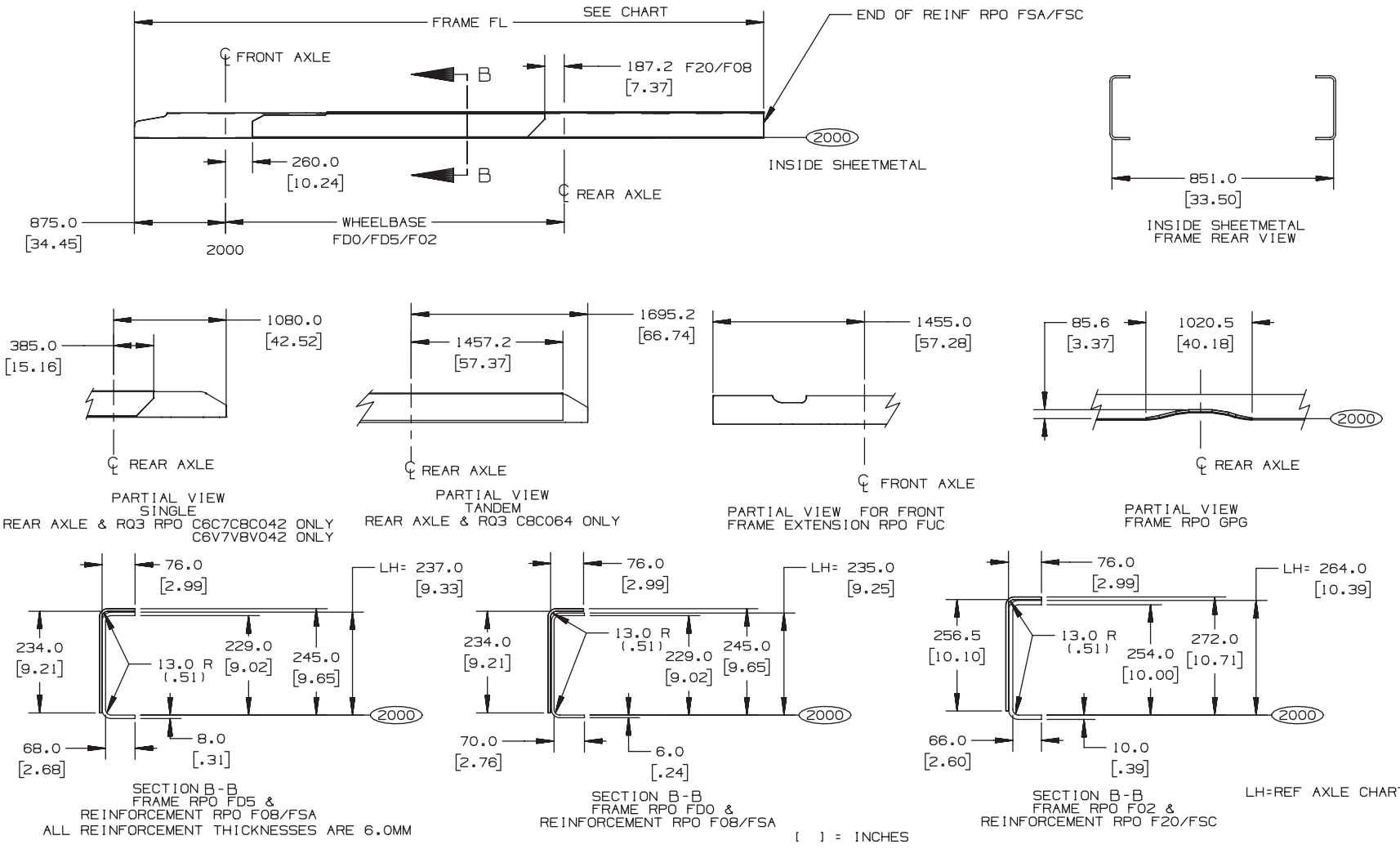
* Grade 80 is rated equivalent to Heat-Treated SAE 1027

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.

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042/64 Frame Lengths with Reinforcements



TD005882c

C6C,E,V042 Frame Lengths with Reinforcements Chart

MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C6C042 C6V042	EC9 128	FD5/FD0	FSA/F08	6040.0 (237.79)
	FQT 140	FD5/FD0	FSA/F08	6040.0 (237.79)
	EG9 152	FD5/FD0	FSA/F08	6040.0 (237.79)
	EH8 170	FD5/FD0	FSA/F08	6950.0 (273.62)
	FNW 176	FD5	FSA/F08	7400.0 (291.33)
	EK8 188	FD5	FSA/F08	7400.0 (291.33)
	EK4 194	FD5	FSA/F08	8470.0 (333.46)
	EK5 206	FD5	FSA/F08	8470.0 (333.46)
	EL5 212	FD5	FSA/F08	8930.0 (351.57)
	EK6 224	FD5	FSA/F08	8930.0 (351.57)
	EG7 236	FD5	FSA/F08	9540.0 (375.59)
	ES5 248	FD5	FSA/F08	9540.0 (375.59)
	EK7 260	FD5	FSA/F08	10330.0 (406.69)
	EK9 272	FD5	FSA/F08	10330.0 (406.69)
	EL0 284	FD5	FSA/F08	11520.0 (453.54)
	EL1 296	FD5	FSA/F08	11520.0 (453.54)

MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C6E042	EK4 194	FD5	FSA/F08	4700.0 (291.33)
	ED7 217	FD5	FSA/F08	8470.0 (333.46)
	EQ4 229	FD5	FSA/F08	8930.0 (351.57)
	ES5 248	FD5	FSA/F08	9540.0 (375.59)
	EK7 260	FD5	FSA/F08	10330.0 (406.69)

[ ] = INCHES

TD005882d

C7/C8C,V042 Frame Lengths with Reinforcements Chart

MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C7C042 C7V042 C8C042 C8V042	FQT 140	FD5	FSA/F08	11520.0 (453.54)
		F02	FSC/F20	11520.0 (453.54)
	EG9 152	FD0/FD5	FSA/F08	6040.0 (237.79)
		F02	FSC/F20	6040.0 (237.79)
	EH8 170	FD0/FD5	FSA/F08	6950.0 (273.62)
		F02	FSC/F20	6950.0 (273.62)
	FNW 176	FD5	FSA/F08	7400.0 (291.34)
		F02	FSC/F20	7400.0 (291.34)
	EK8 188	FD5	FSA/F08	7400.0 (291.34)
		F02	FSC/F20	7400.0 (291.34)
	EK4 194	FD5	FSA/F08	8470.0 (333.46)
		F02	FSC/F20	8470.0 (333.46)
	EK5 206	FD5	FSA/F08	8470.0 (333.46)
		F02	FSC/F20	8470.0 (333.46)
	EL5 212	FD5	FSA/F08	8930.0 (351.57)
		F02	FSC/F20	8930.0 (351.57)
	EK6 224	FD5	FSA/F08	8930.0 (351.57)
		F02	FSC/F20	8930.0 (351.57)

MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C7C042 C7V042 C8C042 C8V042	EG7 236	FD5	FSA/F08	9540.0 (375.59)
		F02	FSC/F20	9540.0 (375.59)
	ES5 248	FD5	FSA/F08	9540.0 (375.59)
		F02	FSC/F20	9540.0 (375.59)
	EK7 260	FD5	FSA/F08	10330.0 (406.69)
		F02	FSC/F20	10330.0 (406.69)
	EK9 272	FD5	FSA/F08	10330.0 (406.69)
		F02	FSC/F20	10330.0 (406.69)
	EL0 284	FD5	FSA/F08	11520.0 (453.54)
		F02	FSC/F20	11520.0 (453.54)
	EL1 296	FD5	FSA/F08	11520.0 (453.54)
		F02	FSC/F20	11520.0 (453.54)

[ ] = INCHES

TD005882e

C7/C8E042 & C8C,E064 Frame Lengths with Reinforcements Chart

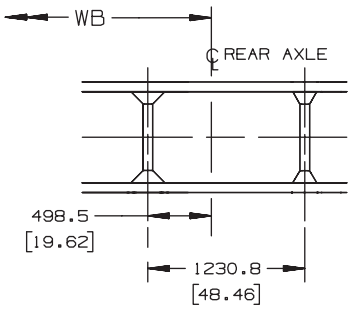
MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C7E042 C8E042	EK4 194	FD5	FSA/F08	7400.0 (291.34)
		F02	FSC/F20	7400.0 (291.34)
	ED7 217	FD5	FSA/F08	8470.0 (333.46)
		F02	FSC/F20	8470.0 (333.46)
	EQ4 229	FD5	FSA/F08	8930.0 (351.57)
		F02	FSC/F20	8930.0 (351.57)
	ES5 248	FD5	FSA/F08	9540.0 (375.59)
		F02	FSC/F20	9540.0 (375.59)
	EK7 260	FD5	FSA/F08	10330.0 (406.69)
		F02	FSC/F20	10330.0 (406.69)
C8E064	EK4 194	F02	FSC	7550.0 (297.24)
	ED7 217	F02	FSC	8470.0 (333.46)
	EQ4 229	F02	FSC	8930.0 (351.57)
	ES5 248	F02	FSC	9540.0 (375.59)
	EK7 260	F02	FSC	10330.0 (406.69)

MODEL	WHEELBASE	FRAME	FRAME REINF	FRAME FL W/RQ2
C8C064	EG9 152	F02	FSC	6950.0 (273.62)
	EH8 170	F02	FSC	6950.0 (273.62)
	FNW 176	F02	FSC	7400.0 (291.34)
	EK8 188	F02	FSC	7400.0 (291.34)
	EK4 194	F02	FSC	8470.0 (333.46)
	EK5 206	F02	FSC	8470.0 (333.46)
	EL5 212	F02	FSC	8930.0 (351.57)
	EK6 224	F02	FSC	8930.0 (351.57)
	EG7 236	F02	FSC	9540.0 (375.59)
	ES5 248	F02	FSC	9540.0 (375.59)
	EK7 260	F02	FSC	10330.0 (406.69)
	EL2 308	F02	FSC	11520.0 (453.54)

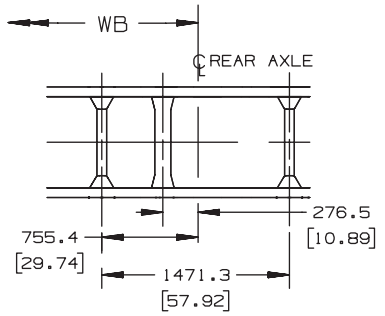
[ ] = INCHES

TD005882f

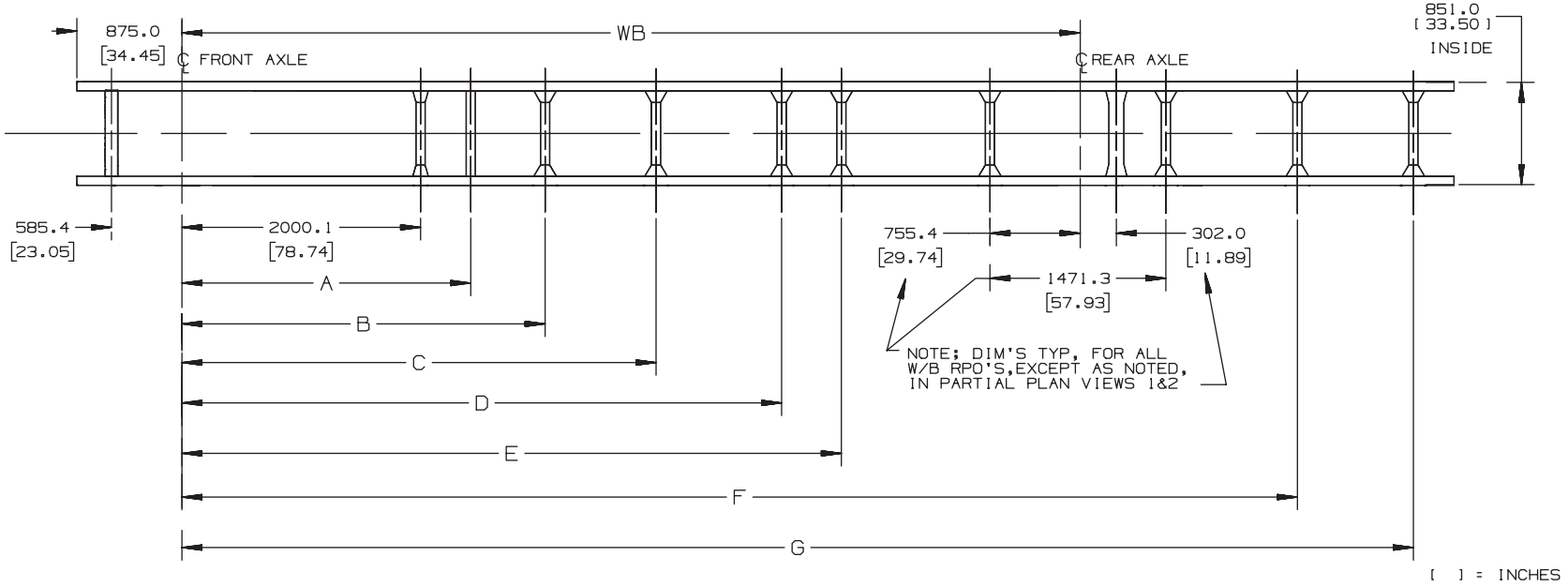
C6/C7/C8C,E,V042 Frame and Crossmember Location



PARTIAL PLAN VIEW#1 FOR FNW & EQ4 (ONLY)



PARTIAL PLAN VIEW#2 FOR EK8 (ONLY)



FOR MODELS: C6/C7/C8C042, C6/C7/C8V042- SINGLE AXLE CROSSMEMBER

TD005848a

C6/C7/C8C,E,V042 Crossmember Chart

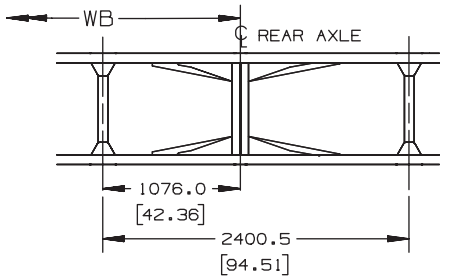
C6/C7/C8C042, C6/C7/C8E042, C6/C7/C8V042 SINGLE AXLE CROSSMEMBER ARRANGEMENT CHART

MODEL	W/B	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G
C6C042 / C6V042	EC9 3251.2 [128.00]	———	———	———	———	———	———	———
C6/C7/C8C042 / C6/C7/C8V042	FQT 3556.0 [140.00]	———	———	———	———	———	———	———
C6/C7/C8C042 / C6/C7/C8V042	EG9 3860.8 [152.00]	———	———	———	———	———	———	———
C6/C7/C8C042 / C6/C7/C8V042	EH8 4318.0 [170.00]	2619.9 [103.14]	———	———	———	———	5735.0 [225.79]	———
C6/C7/C8C042 / C6/C7/C8V042	FNW 4470.4 [176.00]	2420.0 [95.27]	———	———	———	———	6185.0 [243.50]	———
C6/C7/C8C042 / C6/C7/C8V042	EK8 4775.2 [188.00]	2619.9 [103.14]	3042.0 [119.76]	———	———	———	6185.0 [243.50]	———
C6/C7/C8C042 / C6/C7/C8V042	EK4 4927.6 [194.00]	2420.0 [95.27]	3042.0 [119.76]	———	———	———	6255.0 [246.26]	7255.0 [285.63]
C6/C7/C8E042	EK4 4927.6 [194.00]	3042.0 [119.76]	———	———	———	———	6185.0 [243.50]	———
C6/C7/C8C042 / C6/C7/C8V042	EK5 5232.4 [206.00]	2420.0 [95.27]	3042.0 [119.76]	3680.0 [144.88]	———	———	7255.0 [285.63]	———
C6/C7/C8C042 / C6/C7/C8V042	EL5 5384.8 [212.00]	2420.0 [95.27]	3042.0 [119.76]	3680.0 [144.88]	———	———	6715.0 [284.37]	7715.0 [303.74]
C6/C7/C8E042	ED7 5511.8 [217.00]	2420.0 [95.27]	3042.0 [119.76]	3680.0 [144.88]	———	———	7255.0 [285.63]	———
C6/C7/C8C042 / C6/C7/C8V042	EK6 5689.6 [224.00]	2420.0 [95.27]	3680.0 [144.88]	———	———	———	7715.0 [303.74]	———
C6/C7/C8E042	EQ4 5816.6 [229.00]	2420.0 [95.27]	3042.0 [119.76]	3680.0 [144.88]	———	———	7715.0 [303.74]	———
C6/C7/C8C042 / C6/C7/C8V042	EG7 5994.4 [236.00]	2420.0 [95.27]	2619.9 [103.14]	3680.0 [144.88]	4169.9 [164.16]	———	7325.0 [288.38]	8325.0 [327.76]
C6/C7/C8C042 C6/C7/C8V042 / C6/C7/C8E042	ES5 6299.2 [248.00]	2420.0 [95.27]	3042.0 [119.76]	3759.9 [148.02]	4280.0 [168.50]	———	8325.0 [327.76]	———
C6/C7/C8C042 / C6/C7/C8V042	EK7 6604.0 [260.00]	2420.0 [95.27]	3042.0 [119.76]	3759.9 [148.02]	4580.0 [180.31]	———	8115.0 [319.49]	9115.0 [358.86]
C6/C7/C8E042	EK7 6604.0 [260.00]	3042.0 [119.76]	3759.9 [148.02]	4580.0 [180.31]	———	———	8115.0 [319.49]	9115.0 [358.86]
C6/C7/C8C042 / C6/C7/C8V042	EK9 6908.8 [272.00]	2420.0 [95.27]	3042.0 [119.76]	3970.0 [156.29]	5020.0 [197.63]	———	8115.0 [319.49]	9115.0 [358.86]
C6/C7/C8C042 / C6/C7/C8V042	EL0 7213.6 [284.00]	2420.0 [95.27]	3042.0 [119.76]	3970.0 [156.29]	5220.0 [205.51]	———	9335.0 [367.52]	10305.0 [405.71]
C6/C7/C8C042 / C6/C7/C8V042	EL1 7518.4 [296.00]	2420.0 [95.27]	3042.0 [119.76]	3970.0 [156.29]	5020.0 [197.63]	5520.0 [217.32]	9335.0 [367.52]	10305.0 [405.71]

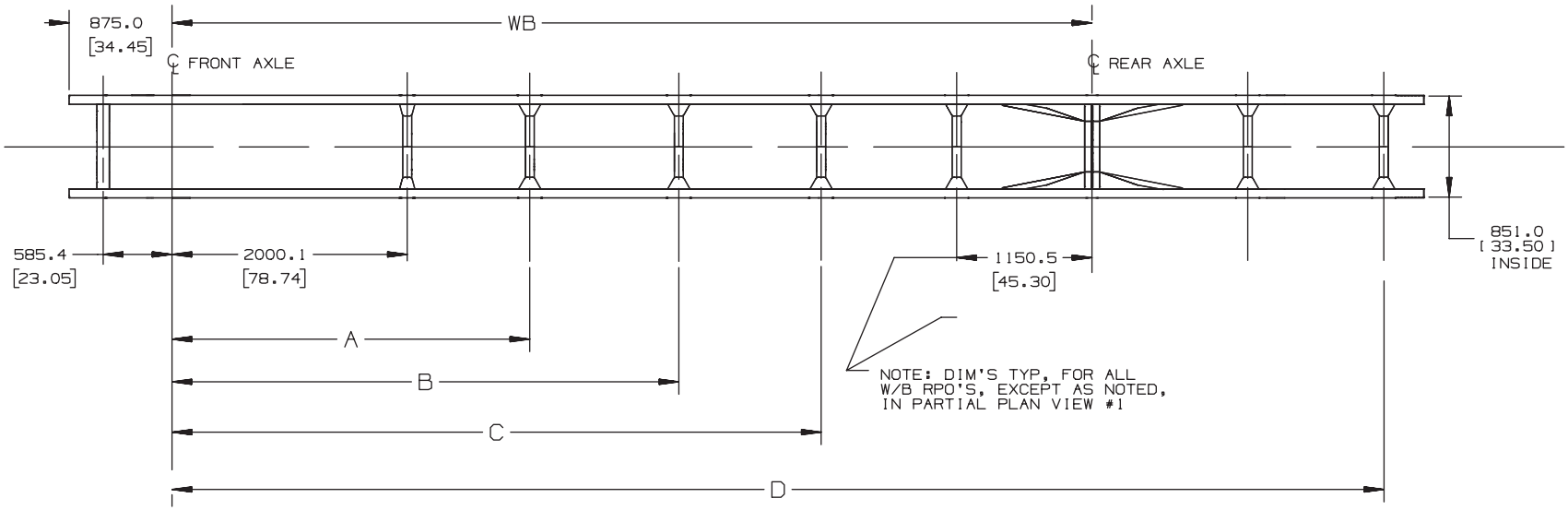
[ ] = INCHES

TD005848b

C8C,E,V064 Frame and Crossmember Location



PARTIAL PLAN VIEW #1 FOR ED7 & EQ4 (ONLY)



FOR MODELS C8C064;C8E064;CV064 (RPO EL2 SHOWN)

[ ] = INCHES

TD005863a

C8C,E,V064 Crossmember Chart

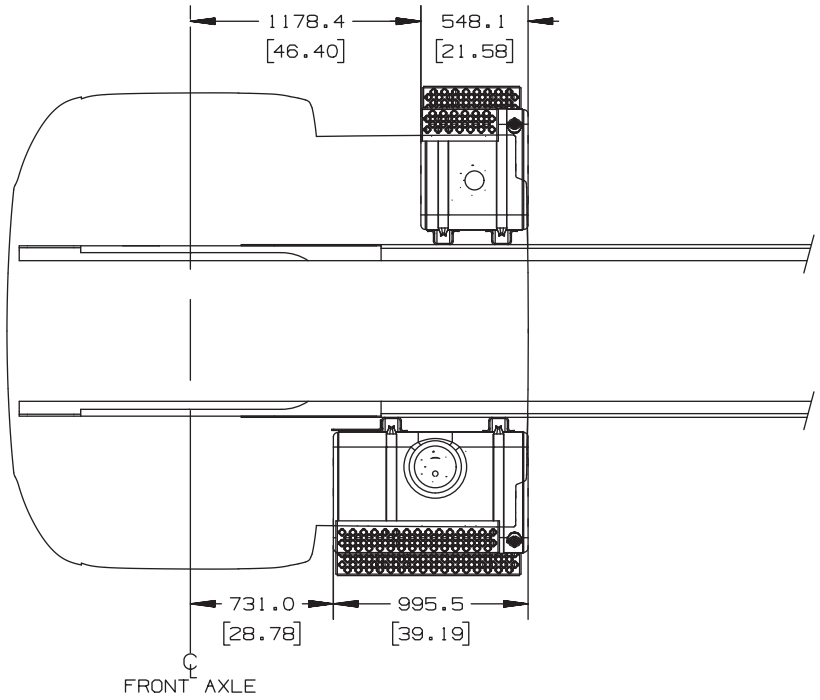
C8C/C8E/C8V064 TANDEM AXLE CROSSMEMBER ARRANGEMENT CHART						
MODEL	W/B		DIM A	DIM B	DIM C	DIM D
C8C064 / C8V064	EG9	3860.8 [152.00]	———	———	———	———
C8C064 / C8V064	EH8	4318.0 [170.00]	———	———	———	———
C8C064 / C8V064	FNW	4470.4 [176.00]	2420.0 [95.28]	———	———	———
C8C064 / C8V064	EK8	4775.2 [188.00]	3042.0 [119.76]	———	———	———
C8C064 / C8E064 / C8V064	EK4	4927.6 [194.00]	3042.0 [119.76]	———	———	7255.0 [285.63]
C8C064 / C8V064	EK5	5232.4 [206.00]	3042.0 [119.76]	———	———	7255.0 [285.63]
C8C064 / C8V064	EL5	5384.8 [212.00]	3042.0 [119.76]	———	———	7715.0 [303.74]
C8E064	ED7	5511.8 [217.00]	3042.0 [119.76]	———	———	7255.0 [285.63]
C8C064 / C8V064	EK6	5689.6 [224.00]	3270.0 [128.74]	———	———	7715.0 [303.74]
C8E064	EQ4	5816.6 [229.00]	3270.0 [128.74]	———	———	7715.0 [303.74]
C8C064 / C8V064	EG7	5994.4 [236.00]	3042.0 [119.76]	3900.0 [153.54]	———	8325.0 [327.16]
C8C064 / C8E064 / C8V064	ES5	6299.2 [248.00]	3042.0 [119.76]	3900.0 [153.54]	———	8325.0 [327.76]
C8C064 / C8E064 / C8V064	EK7	6604.0 [260.00]	3042.0 [119.76]	4310.0 [169.69]	———	9115.0 [358.86]
C8C064 / C8V064	EL2	7823.2 [308.00]	3042.0 [119.76]	4310.5 [169.71]	5520.5 [217.34]	10305.3 [405.72]

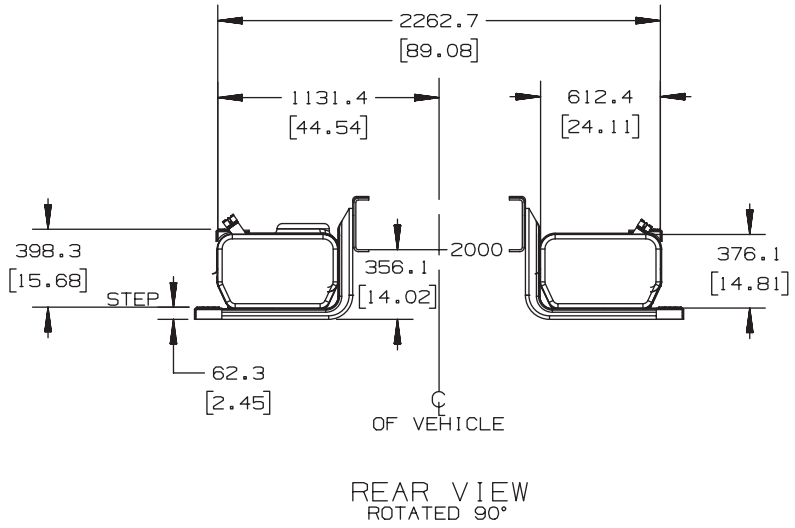
GMT560, CROSSMEMBER CHART

[ ] = INCHES

TD005863b

C6/C7/C8C,V042/64 27 Gallon RH/53 Gallon LH Tank Option NG7





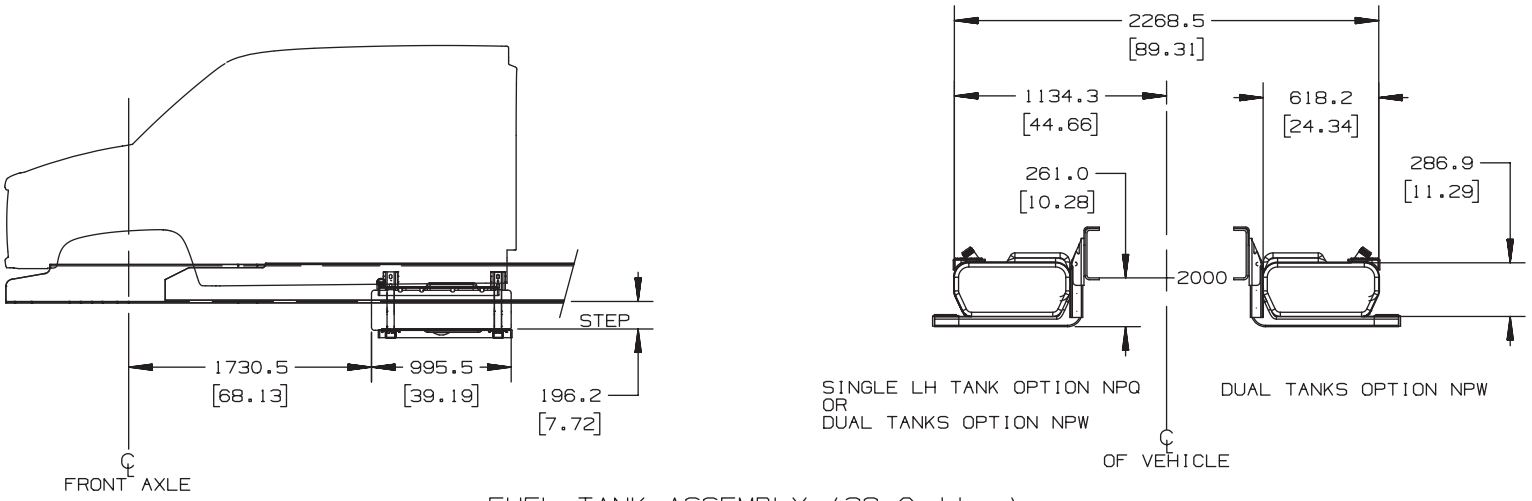
REAR VIEW
ROTATED 90°

FUEL TANK ASSEMBLY OPTION NG7
27 Gallon RH
53 Gallon LH
C6C/C7C/C8C 00
C6V/C7V/C8V 00

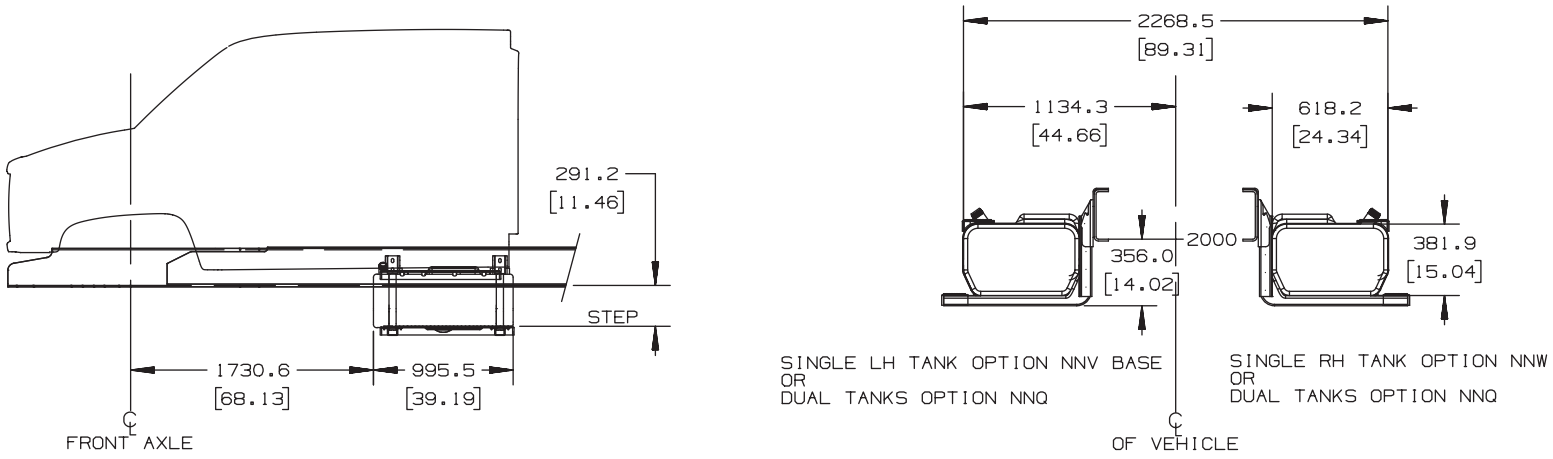
[ ] = INCHES

TD005880a

C6/C7/C8E042/64 38/53 Gallon Tank Option NPQ, NPW, NNV, NNQ, or NNW



FUEL TANK ASSEMBLY (38 Gallon)
C6E/C7E/C8E 00

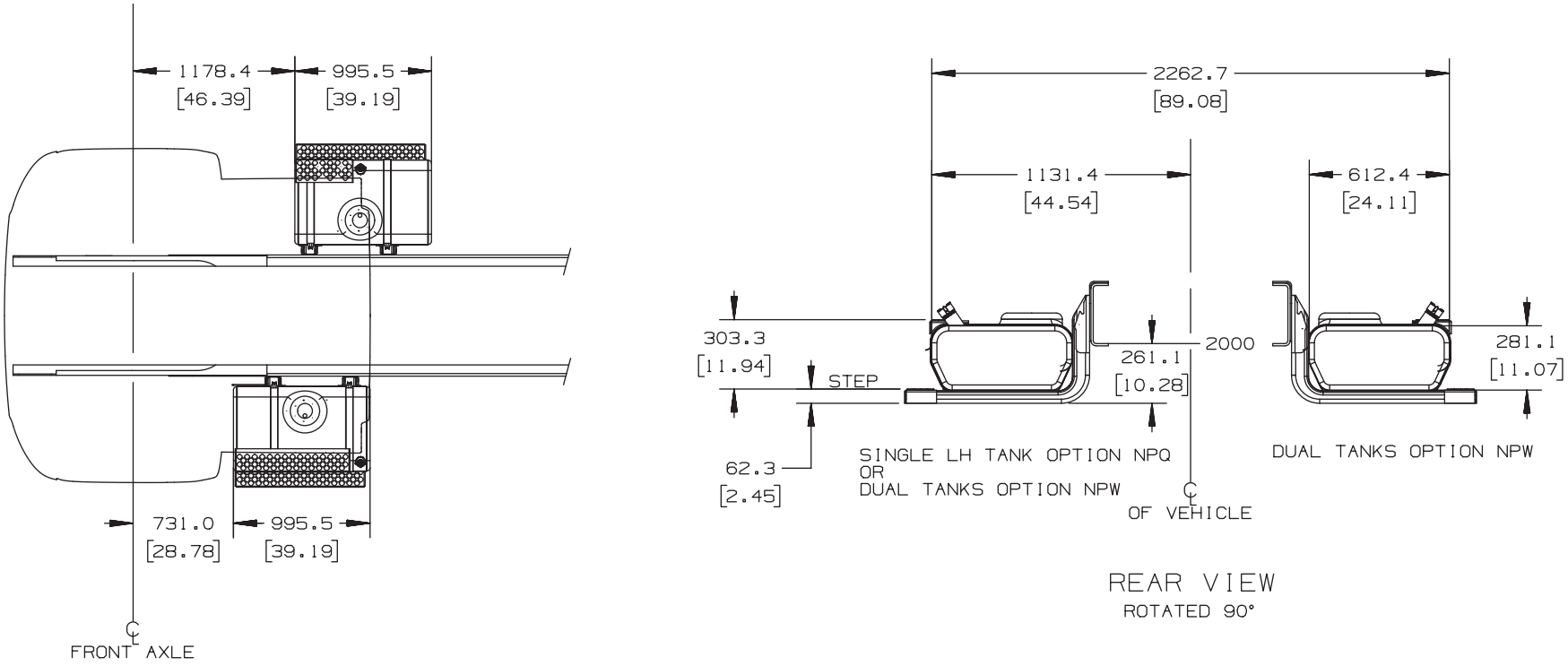


FUEL TANK ASSEMBLY (53 Gallon)
C6E/C7E/C8E 00

[ ] = INCHES

TD005880b

C6/C7/C8V042/64 38 Gallon Tank Option NPQ or NPW

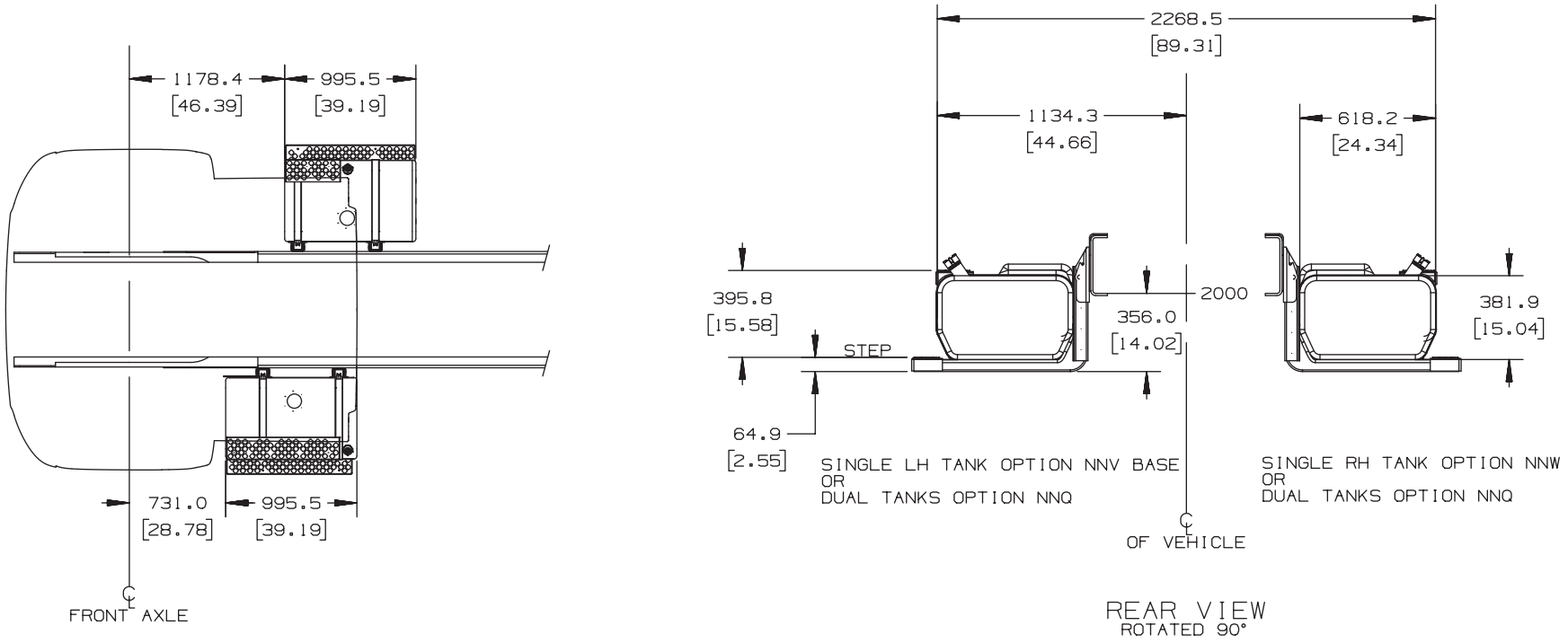


FUEL TANK ASSEMBLY (38 Gallon)
C6C/C7C/C8C 00
C6V/C7V/C8V 00

[ ] = INCHES

TD005880c

C6/C7/C8C,V042/64 53 Gallon Tank Option NNV, NNQ or NNW

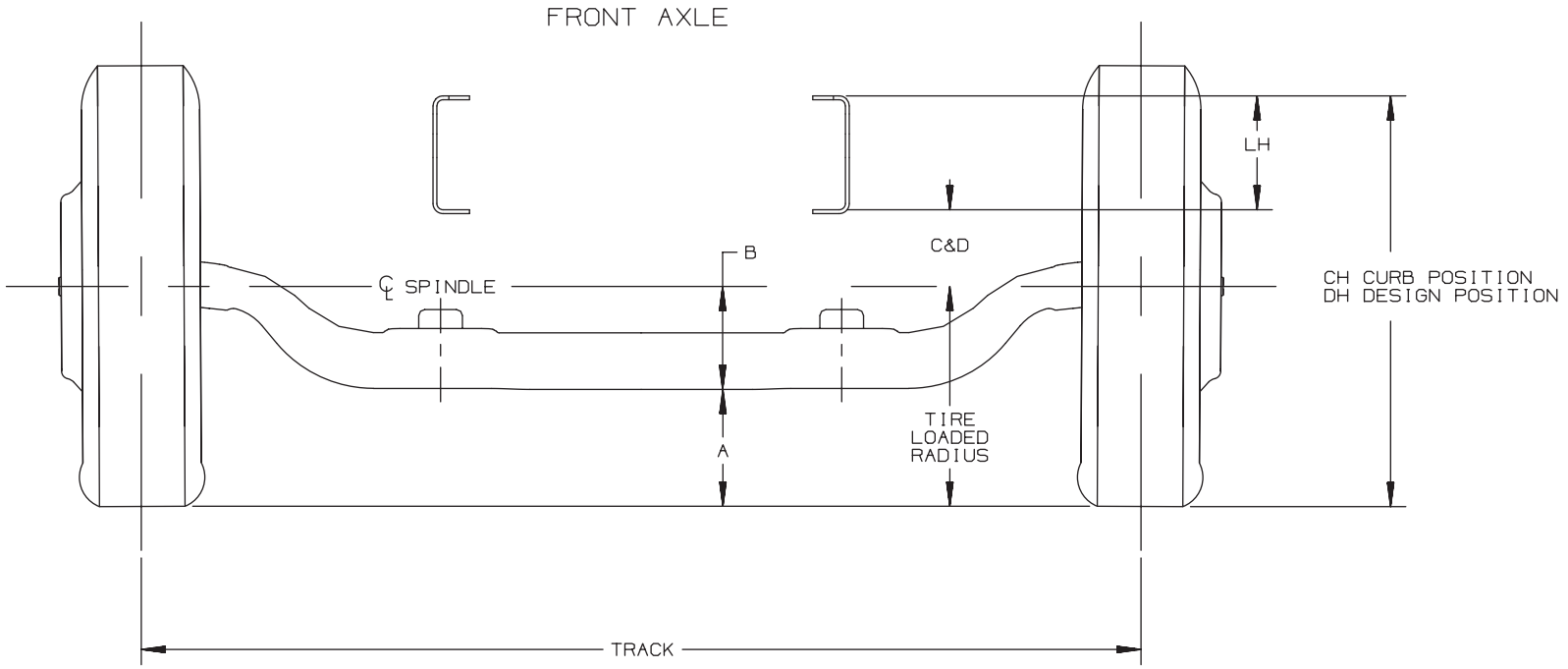


FUEL TANK ASSEMBLY (53 Gallon)
C6C/C7C/C8C 00
C6V/C7V/C8V 00

[ ] = INCHES

TD005880d

C6/C7/C8C,E,V042/64 Front Axle



LEDGEND:

A = TIRE LOADED RADUIS - B

B = CENTERLINE OF AXLE TO BOTTOM OF BEAM

C = CENTERLINE OF AXLE TO BOTTOM INSIDE OF RAIL AT CURB POSITION

D = CENTERLINE OF AXLE TO BOTTOM INSIDE OF RAIL AT DESIGN LOAD

CH = C + TIRE LOADED RADIUS + LH

DH = D + TIRE LOADED RADIUS + LH

LH = INSIDE BOTTOM OF FRAME TO TOP OF FRAME
SEE FRAME DRAWING TD005882

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

FOR: GMT 560, C4/5C,E,U,V042, C6/7/8C,E,V042, C8C,E,V064 2003

[ ]= INCHES

TD005869a

C6/C7/C8C,E,V042/64 Front Axle Track Width Chart

FRONT AXLE TRACK WIDTH									
				AXLE & BRAKE RPO					
				FM8	FM8	FM6/FS7	FM6/FS7	FS7/FL3	FH4
WHEEL TYPE	WHEEL RPO	WHEEL SIZE (IN INCHES)	WHEEL OFFSET	JE3 (HYD)	JE4 (AIR)	JE3	JE4 W/JRG*	JE4 W/JRH**	JE4
DISC	Q82	19.50 X 6.75	142.2 [5.60]	2094.3 [82.45]	—	—	—	—	—
DISC	RPM	19.50 X 6.75	141.0 [5.55]	2116.8 [83.34]	—	—	—	—	—
DISC	QH3	22.50 X 7.50	163.6 [6.44]	2088.7 [82.23]	2088.7 [82.23]	2089.0 [82.24]	2099.1 [82.64]	2099.5 [82.66]	—
DISC	RPQ	22.50 X 8.25	168.3 [6.62]	2081.7 [81.96]	2081.7 [81.96]	2082.0 [81.97]	2092.1 [82.37]	2093.3 [82.41]	2029.9 [79.92]
DISC	RNH	22.50 X 8.25	167.4 [6.59]	2109.6 [83.06]	2109.6 [83.06]	2109.9 [83.07]	2119.9 [83.46]	2120.1 [83.47]	—
DISC	QH8	22.50 X 9.00	146.1 [5.75]	—	—	—	—	TBD	2072.8 [81.61]
DISC	RNP	24.50 X 8.25	168.2 [6.62]	—	—	—	—	TBD	—

*JRG = BRAKE RATING FRT AIR ABEX 197,NON-ASBESTOS LINING, 5.5 IN SLACK 15 X 4, FAB. SHOE & 4 OR 8
**JRH = BRAKE RATING FRT AIR ABEX 197,NON-ASBESTOS LINING, 5.5 IN SLACK 16.5 X 5, FAB. SHOE & 4 OR 8

FOR: GMT 560, C6/7/8C,E,V042, C8V064, 2003

[ ]= INCHES

TD005869d

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042/64 Front Axle / Suspension Chart

FRONT AXLE SUPENSION DIMENSIONS

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	C8C064	C8E064	C8V064	-B-	-C- BASE	-C- W/F59*	-D- BASE	-D- W/F59*
F12 7,000 LB 3,175 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*										210.2 [8.28]	189.8 [7.47]	216.0 [8.50]	151.0 [5.94]	153.9 [6.06]
F12 W/GPG** 7,000 LB 3,175 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*										210.2 [8.28]	178.7 [7.04]	N/A	139.9 [5.51]	N/A
FSN 8,000 LB 3,629 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*	*	*	*							210.2 [8.28]	208.4 [8.20]	234.4 [8.20]	161.3 [6.35]	163.8 [6.45]
FSN W/GPG** 8,000 LB 3,629 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*										210.2 [8.28]	N/A	190.4 [7.50]	N/A	129.9 [5.11]
F15 9,018 LB 4,090 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*	*	*	*							210.2 [8.28]	217.3 [8.56]	237.1 [9.33]	174.9 [6.89]	176.6 [6.95]
	FM6 10,000 LB 4,536 KG				*	*	*							214.9 [8.46]	207.2 [8.16]	227.0 [8.94]	156.0 [6.14]	153.9 [6.06]
FK9 9,018 LB 4,090 KG MULTILEAF	FM8 8,000 LB 3,639 KG	*	*	*	*	*	*							210.2 [8.28]	218.9 [8.62]	218.9 [8.62]	171.7 [6.76]	171.7 [6.76]
	FM6 10,000 LB 4,536 KG				*	*	*							214.9 [8.46]	208.8 [8.22]	208.8 [8.22]	151.8 [5.98]	151.8 [5.98]
FM3 10,000 LB 4,500 KG TAPERED LEAF	FM8 8,000 LB 3,639 KG	*	*	*	*	*	*							210.2 [8.28]	217.1 [8.55]	245.0 [9.65]	182.8 [7.20]	191.5 [7.54]
	FM6 10,000 LB 4,536 KG	*	*	*	*	*	*							214.9 [8.46]	206.8 [8.14]	233.6 [9.20]	156.4 [6.16]	154.9 [6.10]
F26 12,000 LB 5,450 KG TAPERED LEAF	FM6 10,000 LB 4,536 KG				*	*	*	*	*	*				214.9 [8.46]	214.8 [8.46]	243.6 [9.59]	172.8 [6.80]	181.8 [7.16]
	FS7 12,000 LB 5,450 KG				*	*	*	*	*	*	*	*	*	214.9 [8.46]	214.7 [8.45]	242.9 [9.56]	157.5 [6.20]	158.6 [6.24]

*F59 = STABILZER SHAFT FRONT
**GPG = VEHICLE LOW PROFILE PACKAGE

FOR: GMT 560, C6/7/8C,E,V042, C8C,E,V064, 2003

[ ]= INCHES

TD005869e

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042/64 Front Axle / Suspension Chart

FRONT AXLE SUPENSION DIMENSIONS

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	C8C064	C8E064	C8V064	-B-	-C- BASE	-C- W/F59*	-D- BASE	-D- W/F59*
F25 12,000 LB 5,450 KG MULTILEAF	FM6 10,000 LB				*	*	*	*	*	*				214.9 [8.46]	233.9 [9.21]	233.9 [9.21]	175.4 [6.91]	175.4 [6.91]
	FS7 12,000 LB				*	*	*	*	*	*	*	*	*	214.9 [8.46]	226.0 [8.90]	226.0 [8.90]	157.3 [6.19]	157.3 [6.19]
	FL3 14,600 LB				*	*	*	*	*	*	*	*	*	237.6 [9.35]	238.6 [9.39]	238.6 [9.39]	172.5 [6.79]	172.5 [6.79]
FM4 14,000 LB 6,350 KG TAPERED LEAF	FM6 10,000 LB				*	*	*	*	*	*				214.9 [8.46]	226.4 [8.91]	232.8 [9.17]	187.0 [7.36]	185.2 [7.29]
	FS7 12,000 LB				*	*	*	*	*	*	*	*	*	214.9 [8.46]	226.2 [8.91]	231.2 [9.10]	172.6 [6.80]	166.4 [6.55]
	FL3 14,600 LB				*	*	*	*	*	*	*	*	*	237.6 [9.35]	245.8 [9.68]	252.1 [9.93]	175.8 [6.92]	167.5 [6.59]
FM0 14,575 LB 6,610 KG MULTILEAF	FS7 12,000 LB				*	*	*	*	*	*	*	*	*	214.9 [8.46]	228.8 [9.01]	228.8 [9.01]	175.5 [6.91]	175.5 [6.91]
	FL3 14,600 LB				*	*	*	*	*	*	*	*	*	237.6 [9.35]	240.9 [9.48]	240.9 [9.48]	171.2 [6.74]	171.2 [6.74]
F28 16,000 LB 7,257 KG MULTILEAF	FL3 14,600 LB							*	*	*	*	*	*	237.6 [9.35]	233.9 [9.21]	233.9 [9.21]	175.2 [6.90]	175.2 [6.90]
	FH4 16,000 LB							*	*	*	*	*	*	226.3 [8.91]	252.3 [9.93]	N/A	186.6 [7.35]	N/A
FM1 18,000 LB 8,165 KG MULTILEAF	FH4 16,000 LB							*	*	*	*	*	*	226.3 [8.91]	263.0 [10.35]	N/A	201.0 [7.91]	N/A

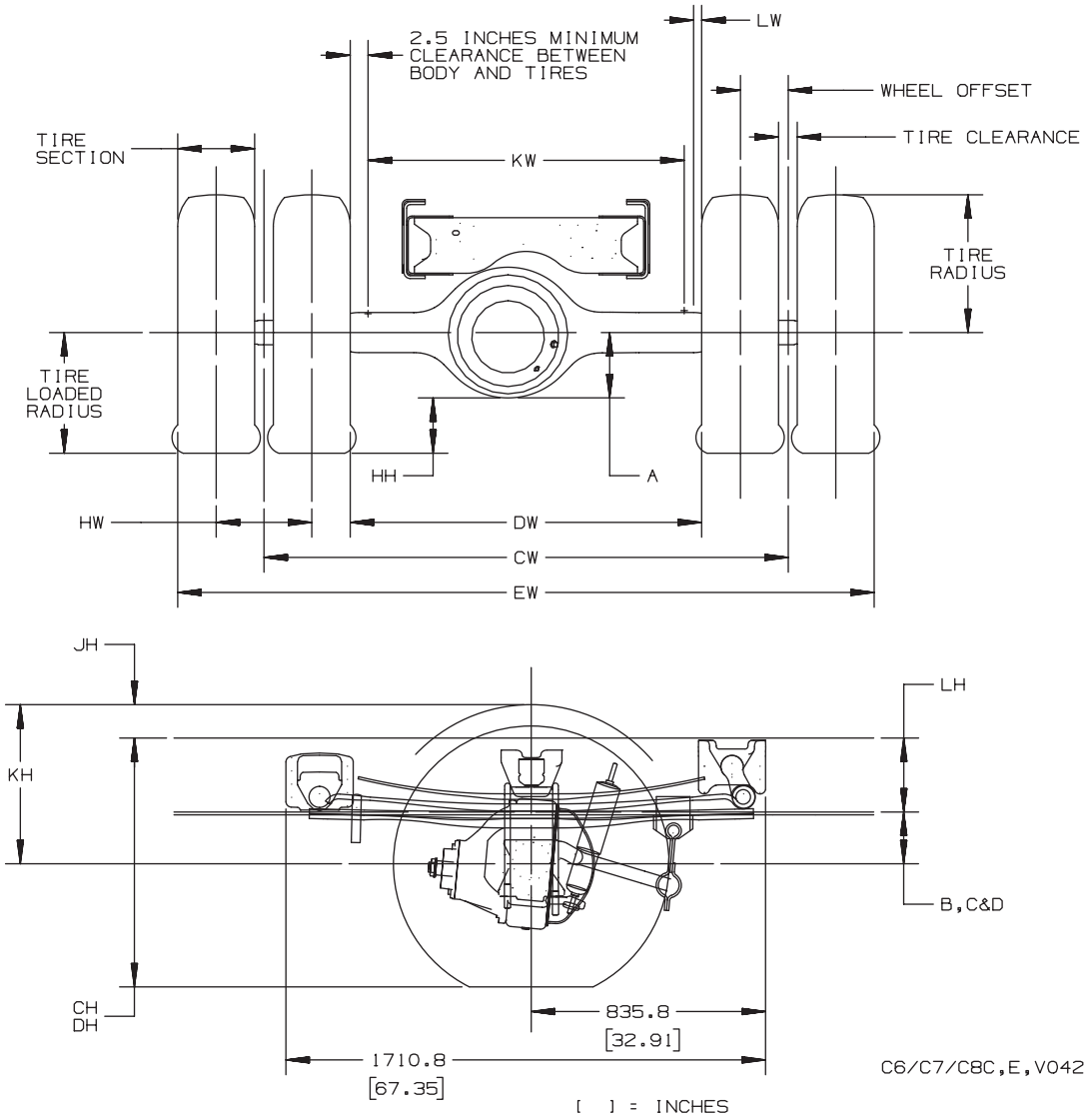
*F59 = STABLIZER SHAFT FRONT

FOR: GMT 560, C6/7/8C,E,V042, C8C,E,V064, 2003

[ ]= INCHES

TD005869f

C6/C7/C8C,E,V042 Rear Single Axle



TD005870a

C6/C7/C8C,E,V042 Rear Single Axle Chart Formula

DEFINITIONS:

A - CENTERLINE OF AXLE TO BOTTOM OF AXLE BOWL

B - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT INFINATE 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 + HW
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

TD005870b

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/G60	-C- BASE	-C- W/G60	-D- BASE	-D- W/G60
GSK 12,000 LB TAPERED LEAF LO-PROFILE	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	49.4 [1.94]	N/A	184.0 [7.24]	N/A	127.4 [5.01]	N/A
GSM 17,950 LB TAPERED LEAF LO-PROFILE	HPK 19,000 LB, EATON 19060S SINGLE SPEED	*	*	*							230.00 [9.06]	68.1 [2.68]	N/A	185.7 [7.31]	N/A	126.3 [4.97]	N/A
GGO 15,000 LB MULTILEAF	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	125.5 [4.94]	124.7 [4.91]	279.3 [11.00]	279.0 [10.98]	196.0 [7.72]	199.1 [7.84]
GQO 15,000 LB TAPERED LEAF		*	*	*								98.3 [3.87]	98.3 [3.87]	254.3 [10.01]	254.3 [10.01]	170.0 [6.70]	178.6 [7.03]
GSL 15,000 LB TAPERED LEAF LO-PROFILE		*	*	*								62.6 [2.46]	N/A	176.4 [6.94]	N/A	128.1 [5.04]	N/A
GN0 19,000 LB MULTILEAF	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	148.6 [5.85]	156.8 [6.17]	311.1 [12.25]	307.8 [12.12]	242.5 [9.55]	242.5 [9.55]
	HPK 19,000 LB EATON 19060S SINGLE SPEED	*	*	*	*	*	*				230.00 [9.06]	129.1 [5.08]	129.4 [5.09]	278.1 [10.95]	278.4 [10.96]	197.3 [7.77]	202.9 [7.99]
	HPL 19,000 LB EATON 19060S SINGLE SPEED				*	*	*										
	HPM 19,000 LB EATON 19060T TWO SPEED	*	*	*	*	*	*				257.00 [10.12]						
GN2 19,000 LB TAPERED LEAF	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	110.3 [4.34]	110.3 [4.34]	268.0 [10.55]	268.0 [10.55]	198.1 [7.80]	202.1 [7.95]
	HPK 19,000 LB EATON 19060S SINGLE SPEED	*	*	*	*	*	*				230.00 [9.06]	117.4 [4.62]	118.3 [4.66]	275.1 [10.83]	276.0 [10.86]	185.5 [7.30]	212.8 [8.38]
	HPL 19,000 LB EATON 19060S SINGLE SPEED				*	*	*										
	HPM 19,000 LB EATON 19060T TWO SPEED	*	*	*	*	*	*				257.00 [10.12]						

[ ] = INCHES

TD005870d

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C8E042	C8V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/G60	-C- BASE	-C- W/G60	-D- BASE	-D- W/G60
G40 19,000 LB AIR	HPK 19,000 LB EATON 19060S SINGLE SPEED	*	*	*	*	*	*				230.00 [9.06]	133.9 [5.27]	N/A	211.5 [8.33]	N/A	211.5 [8.33]	N/A
	HPM 19,000 LB EATON 19060T TWO SPEED	*	*	*	*	*	*				257.00 [10.12]						
GN8 21,000 LB MULTILEAF	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	149.2 [5.87]	149.2 [5.87]	305.2 [12.02]	305.1 [12.01]	234.9 [9.25]	238.1 [9.37]
	HPK 19,000 LB EATON 19060S SINGLE SPEED	*	*	*	*	*	*				230.00 [9.06]	131.9 [5.19]	131.9 [5.19]	289.7 [11.41]	289.7 [11.41]	204.7 [8.06]	212.8 [8.38]
	HPL 19,000 LB EATON 19060S SINGLE SPEED				*	*	*										
	HPM 19,000 LB EATON 19060T TWO SPEED	*	*	*	*	*	*				257.00 [10.12]						
	HPN 21,000 LB EATON 21060D SINGLE SPEED				*	*	*	*	*	*	230.00 [9.06]	131.9 [5.19]	131.9 [5.19]	289.7 [11.41]	289.7 [11.41]	201.6 [7.94]	207.8 [8.18]
	HPP 21,000 LB EATON 21060S SINGLE SPEED				*	*	*	*	*	*							
	H15 21,000 LB EATON 21060T TWO SPEED				*	*	*	*	*	*	257.00 [10.12]						
GR9 21,000 LB TAPERED LEAF	H08 15,000 LB DANA S150-S SINGLE SPEED	*	*	*							214.38 [8.44]	118.4 [4.66]	118.6 [4.66]	274.7 [10.81]	274.9 [10.82]	209.4 [8.24]	212.8 [8.38]
	HPK 19,000 LB EATON 19060S SINGLE SPEED				*	*	*				230.00 [9.06]	120.0 [4.72]	121.0 [4.76]	275.2 [10.83]	276.1 [10.87]	196.5 [7.74]	202.7 [7.98]
	HPN 21,000 LB EATON 21060D SINGLE SPEED				*	*	*	*	*	*	230.00 [9.06]	119.7 [4.71]	121.8 [4.80]	275.0 [10.83]	276.4 [10.88]	189.2 [7.45]	197.1 [7.76]
	HPP 21,000 LB EATON 21060S SINGLE SPEED				*	*	*	*	*	*							
	H15 21,000 LB EATON 21060T TWO SPEED				*	*	*	*	*	*	257.00 [10.12]						

[ ] = INCHES

TD005870e

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/G60	-C- BASE	-C- W/G60	-D- BASE	-D- W/G60
GSJ 21,000 LB AIR	HPP 21,000 LB EATON 21060S SINGLE SPEED				*	*	*	*	*	*	230.00 [9.06]	160.3 [6.31]	N/A	224.6 [8.84]	N/A	224.6 [8.84]	N/A
	H15 21,000 LB EATON 21060T TWO SPEED				*	*	*	*	*	*	257.00 [10.12]						
GPO 23,000 LB TAPERED LEAF	HPK 19,000 LB EATON 19060S SINGLE SPEED				*	*	*				230.00 [9.06]	115.2 [4.54]	115.2 [4.54]	271.7 [10.70]	271.7 [10.70]	198.0 [7.80]	202.0 [7.95]
	HPL 19,000 LB EATON 19060D SINGLE SPEED				*	*	*										
	HPM 19,000 LB EATON 19060T TWO SPEED				*	*	*				257.00 [10.12]						
	HPN 21,000 LB EATON 21060D SINGLE SPEED				*	*	*	*	*	*	230.00 [9.06]	115.2 [4.54]	115.2 [4.54]	271.7 [10.70]	271.7 [10.70]	191.5 [7.54]	196.6 [7.74]
	HPP 21,000 LB EATON 21060S SINGLE SPEED				*	*	*	*	*	*							
	H15 21,000 LB EATON 21060T TWO SPEED				*	*	*	*	*	*	257.00 [10.12]						
	HNA 23,000 LB EATON 23105S SINGLE SPEED				*	*	*				273.0 [10.75]	120.2 [4.73]	120.2 [4.73]	276.7 [10.89]	276.7 [10.89]	190.2 [7.49]	196.4 [7.73]
	HNB 23,000 LB EATON 23105D SINGLE SPEED				*	*	*	*	*	*							
	HPT 23,000 LB EATON 23090S SINGLE SPEED				*	*	*	*	*	*	260.00 [10.24]						
	H25 23,000 LB EATON 23082T TWO SPEED				*	*	*	*	*	*		116.7 [4.59]	116.7 [4.59]	273.2 [10.76]	273.2 [10.76]	186.7 [7.35]	192.9 [7.59]

[ ] = INCHES

TD005870f

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/G60	-C- BASE	-C- W/G60	-D- BASE	-D- W/G60
GYN 23,000 LB RADIUS LEAF	HPN 21,000 LB EATON 21060D SINGLE SPEED				*		*	*		*	230.00 [9.06]	133.7 [5.26]	N/A	282.6 [11.13]	N/A	204.4 [8.05]	N/A
	HPP 21,000 LB EATON 21060S SINGLE SPEED				*		*	*		*							
	H15 21,000 LB EATON 21060T TWO SPEED				*		*	*		*	257.00 [10.12]						
	HNA 23,000 LB EATON 23105S SINGLE SPEED				*		*	*		*	273.0 [10.75]	139.3 [5.48]	143.6 [5.65]	289.3 [11.39]	288.7 [11.37]	205.3 [8.08]	215.2 [8.47]
	HNB 23,000 LB EATON 23105D SINGLE SPEED				*		*	*		*							
	HPT 23,000 LB EATON 23090S SINGLE SPEED				*		*	*		*	260.00 [10.24]						
	H25 23,000 LB EATON 23082T TWO SPEED				*		*	*		*		139.3 [5.48]	143.6 [5.65]	282.3 [11.11]	288.7 [11.37]	201.8 [7.94]	211.7 [8.33]
G45 23,000 LB AIR	HNA 23,000 LB EATON 23105S SINGLE SPEED				*	*	*	*	*	*	273.00 [10.75]	164.9 [6.49]	N/A	227.8 [8.97]	N/A	227.8 [8.97]	N/A
	HNB 23,000 LB EATON 23105D SINGLE SPEED				*	*	*	*	*	*							
	HPT 23,000 LB EATON 23090S SINGLE SPEED				*	*	*	*	*	*	260.00 [10.24]						
	H25 23, 000 LB EATON 23082T TWO SPEED				*	*	*	*	*	*		165.2 [6.50]	N/A	221.7 [8.73]	N/A	221.7 [8.73]	N/A

[ ] = INCHES

TD005870g

2003 MEDIUM DUTY C SERIES – FAMILY 3

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C6E042	C6V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/G60	-C- BASE	-C- W/G60	-D- BASE	-D- W/G60
GP1 23,500 LB MULTILEAF	HPK 19,000 LB EATON 19060S SINGLE SPEED				*	*	*				230.00 [9.06]	152.7 [6.01]	152.7 [6.01]	312.6 [12.30]	312.6 [12.30]	234.9 [9.25]	238.4 [9.39]
	HPL 19,000 LB EATON 19060D SINGLE SPEED				*	*	*										
	HPM 19,000 LB EATON 19060T TWO SPEED				*	*	*				257.00 [10.12]						
	HPN 21,000 LB EATON 21060D SINGLE SPEED				*	*	*	*	*	*	230.00 [9.06]	152.7 [6.01]	152.7 [6.01]	316.8 [12.47]	316.8 [12.47]	229.7 [9.04]	233.9 [9.21]
	HPP 21,000 LB EATON 21060S SINGLE SPEED				*	*	*	*	*	*							
	H15 21,000 LB EATON 21060T TWO SPEED				*	*	*	*	*	*	257.00 [10.12]						
	HNA 23,000 LB EATON 23105S SINGLE SPEED				*	*	*	*	*	*	273.00 [10.75]	152.7 [6.01]	152.7 [6.01]	312.6 [12.31]	312.6 [12.31]	224.5 [8.84]	229.4 [9.03]
	HNB 23,000 LB EATON 23105D SINGLE SPEED				*	*	*	*	*	*							
	HPT 23,000 LB EATON 23090S SINGLE SPEED				*	*	*	*	*	*	260.00 [10.24]						
	H25 23,000 LB EATON 23082T TWO SPEED				*	*	*	*	*	*							
	GJ4 26,000 LB EATON 26080T TWO SPEED							*	*	*	270.00 [10.63]	173.6 [6.83]	173.6 [6.83]	317.5 [12.50]	317.4 [12.50]	237.1 [9.33]	238.1 [9.37]
	HPA 26,000 LB EATON 26105S SINGLE SPEED							*	*	*	273.00 [10.75]						
GP8 27,000 LB MULTILEAF	GJ4 26,000 LB EATON 26080T TWO SPEED							*	*	*	270.00 [10.63]	N/A	170.1 [6.70]	N/A	314.0 [12.36]	N/A	228.0 [8.98]
	HPA 26,000 LB EATON 26105S SINGLE SPEED							*	*	*	273.00 [10.75]						

[ ] = INCHES

TD005870h

C6/C7/C8C,E,V042 Rear Axle / Suspension Chart

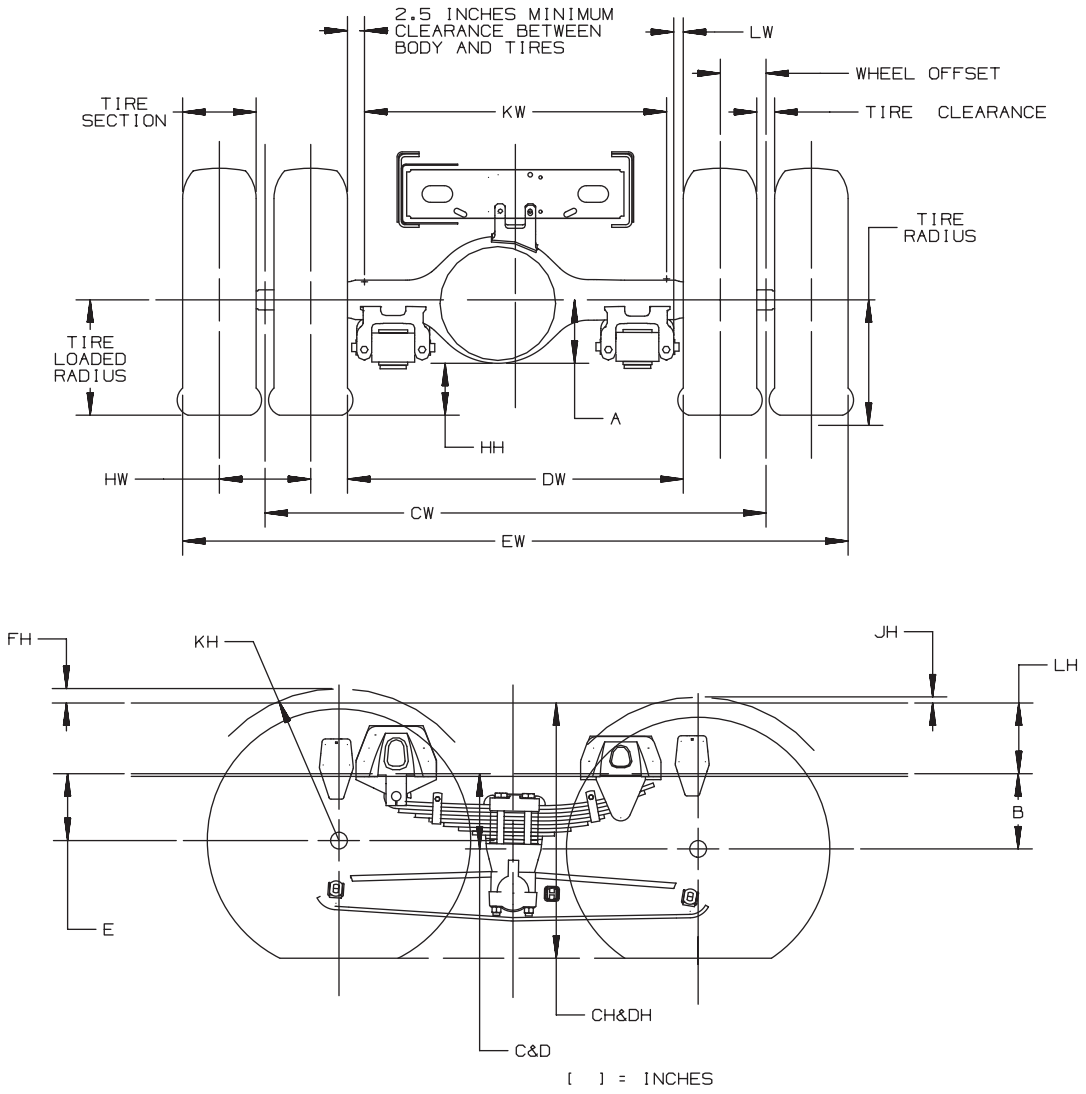
REAR AXLE SUSPENSION DIMENSIONS - SINGLE AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C8E042	C8V042	C7C042	C7E042	C7V042	C8C042	C8E042	C8V042	-A-	-B- BASE	-B- W/GG8	-C- BASE	-C- W/GG8	-D- BASE	-D- W/GG8
GP1 23,500 LB MULTILEAF	HNA 23,000 LB EATON 23105S SINGLE SPEED							*	*	*	273.00 [10.75]	N/A	178.6 [7.03]	N/A	317.4 [12.50]	N/A	238.1 [9.37]
	HNB 23,000 LB EATON 23105D SINGLE SPEED							*	*	*							
	H25 23,000 LB EATON 23082T TWO SPEED							*	*	*	260.00 [10.23]						
	GJ4 26,000 LB EATON 26080T TWO SPEED							*	*	*	270.00 [10.63]	N/A	173.6 [6.83]	N/A	317.5 [12.50]	N/A	237.1 [9.33]
	HPA 26,000 LB EATON 26105S SINGLE SPEED							*	*	*	273.00 [10.75]						

[ ] = INCHES

TD005870j

C8C,E,V064 Rear Tandem Axle



TD005870k

C8C,E,V064 Rear Axle Chart Formula

DEFINITIONS:

A - CENTERLINE OF AXLE TO BOTTOM OF AXLE BOWL

B - CENTERLINE OF REAR AXLE TO BOTTOM INSIDE RAIL AT METAL TO METAL POSITION

C - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT CENTERLINE OF EQUALIZER BEAM AT CURB POSITION

D - CENTERLINE OF AXLE TO BOTTOM INSIDE RAIL AT CENTERLINE OF EQUALIZER BEAM AT DESIGN POSITION

E - CENTERLINE OF FRONT AXLE TO BOTTOM INSIDE RAIL AT METAL TO METAL POSITION

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
FH = KH - E - 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 + HW
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

TD005870I

C8C,E,V064 Rear Tandem Axle / Suspension Chart

REAR AXLE SUSPENSION DIMENSIONS - TANDEM AXLE

SUSPENSION RPO	AXLE RPO	VEHICLE MODELS: C6C042	C6E042	C8V042	C7C042	C7E042	C7V042	C8C064	C8E064	C8V064	-A-	-B-	-C-	-D-	-E-
GSN 34,000 LB HENDRICKSON U340 52 INCH BEAM	HPI 34,000 LB EATON DS344 SINGLE SPEED							*	*	*	230.00 [9.06]	144.5 [5.69]	292.3 [11.50]	265.3 [10.44]	181.4 [7.14]
GNS 40,000 LB HENDRICKSON RT400 52 INCH BEAM	HPI 34,000 LB EATON DS344 SINGLE SPEED							*	*	*	230.00 [9.06]	143.8 [5.66]	297.7 [11.72]	260.0 [10.24]	178.7 [7.04]
	HPE 40,000 LB EATON DS404 SINGLE SPEED HPJ 40,000 LB EATON DS404P SINGLE SPEED							* *	* *	* *	230.00 [9.06]	143.8 [5.66]	288.4 [11.35]	256.5 [10.10]	177.5 [6.99]
GPR 40,000 LB HENDRICKSON RTE400 52 INCH BEAM	HPE 40,000 LB EATON DS404 SINGLE SPEED HPJ 40,000 LB EATON DS404P SINGLE SPEED							* *	* *	* *	230.00 [9.06]	160.9 [6.33]	282.7 [11.13]	253.2 [9.97]	177.7 [7.00]
GZK 40,000 LB HENDRICKSON RTE400 52 INCH BEAM	HPE 40,000 LB EATON DS404 SINGLE SPEED HPJ 40,000 LB EATON DS404P SINGLE SPEED							* *	* *	* *	230.00 [9.06]	142.8 [5.62]	280.0 [11.02]	256.4 [10.09]	176.4 [6.94]
GSA 46,000 LB HENDRICKSON RT460 54 INCH BEAM	HPD 45,000 LB EATON DS454P SINGLE SPEED							*	*	*	230.00 [9.06]	143.9 [5.67]	295.1 [11.62]	266.1 [10.48]	176.3 [6.94]

[ ] = INCHES

TD005870m

C6/C7/C8C,E,V042/64 Rear Axle Track Dimensions

REAR AXLE TRACK DIMENSIONS

JE3 HYDRAULIC BRAKE

AXLES	WHEELS	TRACK*
H08 15K, DANA S150-S SINGLE SPEED	QH4 Q83 RNN RPR RPW	1852.4 1855.2 1855.6 1855.6 1855.2
HPL 19K, EATON 19060D SINGLE SPEED HPK 19K, EATON 19060S SINGLE SPEED HPM 19K, EATON 19060T TWO SPEED	QH4 Q83 RNN RPR RPW	1817.8 1906.6 1821.0 1821.0 1906.6
HPP 21K, EATON 21060S SINGLE SPEED HPN 21K, EATON 21060D SINGLE SPEED H15 21K, EATON 21060T TWO SPEED	QH4 RNN RPR	1862.3 1865.5 1865.5

LEGEND:

QH4	WHEEL	REAR 22.5 X 7.5, 10 HOLE
Q83	WHEEL	REAR 19.5 X 6.75, 8 HOLE
RNN	WHEEL	REAR 22.5 X 8.25, 10 HOLE
RNQ	WHEEL	REAR 24.5 X 8.25, 10 HOLE
RPR	WHEEL	REAR 22.5 X 8.25, 10 HOLE
RPW	WHEEL	REAR 19.5 X 6.75, 8 HOLE

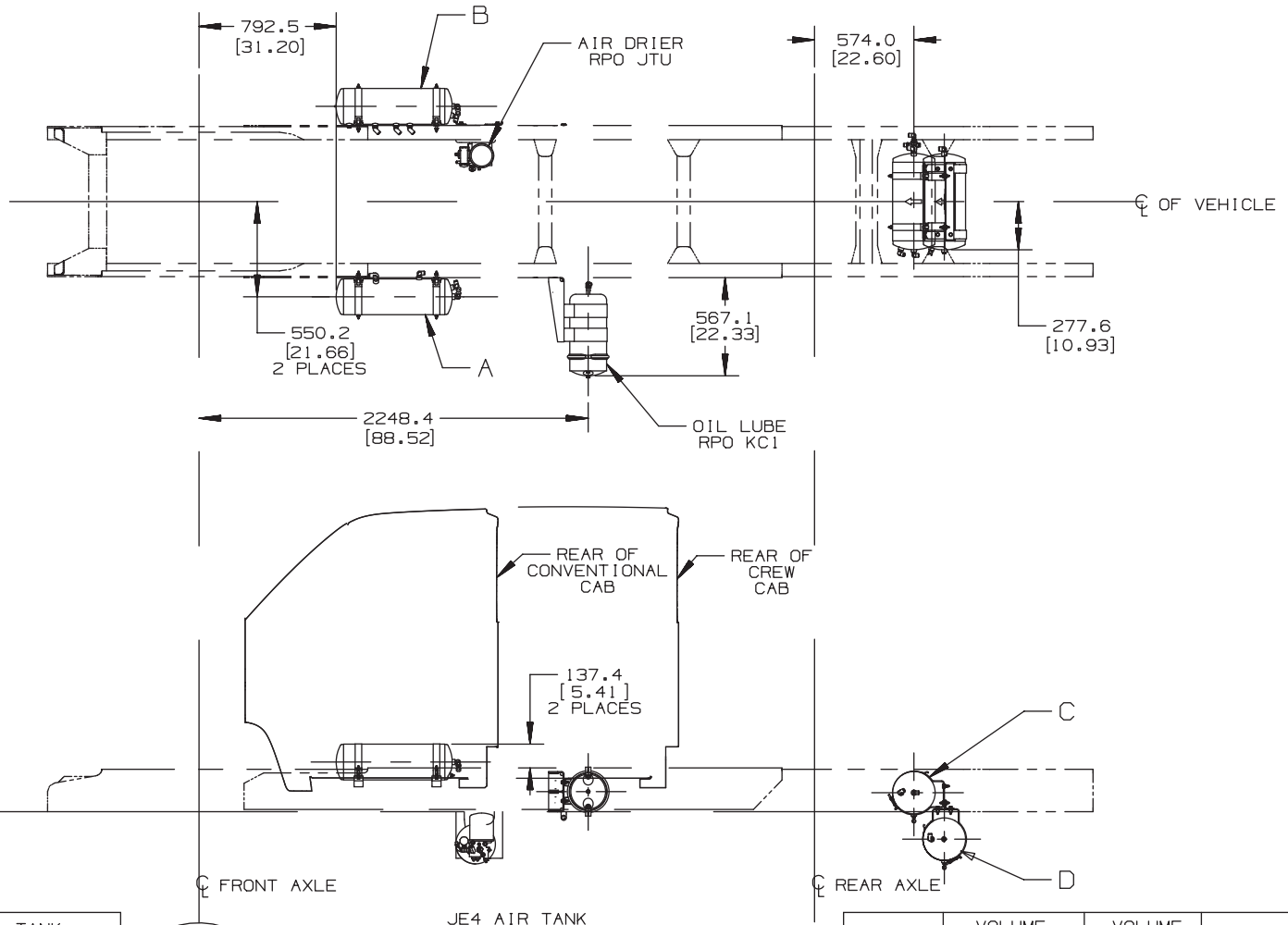
*TO DETERMINE MEASUREMENT IN INCHES, DIVIDE BY 25.4

JE4 AIR BRAKE

AXLES	WHEELS	TRACK*
HPL 19K, EATON 19060D SINGLE SPEED HPK 19K, EATON 19060S SINGLE SPEED HPM 19K, EATON 19060T TWO SPEED	QH4 RNN RPR	1827.1 1830.3 1830.3
HPN 21K, EATON 21060D SINGLE SPEED HPP 21K, EATON 21060S SINGLE SPEED H15 21K, EATON 21060T TWO SPEED	QH4 RNN RPR	1829.7 1832.9 1832.9
HNA 23K, EATON 23105S SINGLE SPEED HNB 23K, EATON 23105D SINGLE SPEED H25 23K, EATON 23082T TWO SPEED HPT 23K, EATON 23090S SINGLE SPEED GJ4 26K, EATON 26080T TWO SPEED HPA 26K, EATON 26105S SINGLE SPEED	QH4 RNN RPR	1829.3 1835.0 1832.5
HPI 34K, EATON DS344 SINGLE SPEED	QH4 RNN RPR	1824.2 1824.2 1827.4
HPE 40K EATON DS404 SINGLE SPEED HPJ 40K, EATON DS404P SINGLE SPEED HPD 45K, EATON DS454P SINGLE SPEED	QH4 RNN RPR	1832.0 1832.4 1835.6

TD005870n

C6/C7/C8C,E,V042 Air Tanks Location



C6/7/8CEV042
AIR TANK LOCATION

VEHICLE APPLICATION	TANK LOCATIONS
RQ2	A,B,C
RQ3	A,B,D

JE4 AIR TANK
APPLICATION

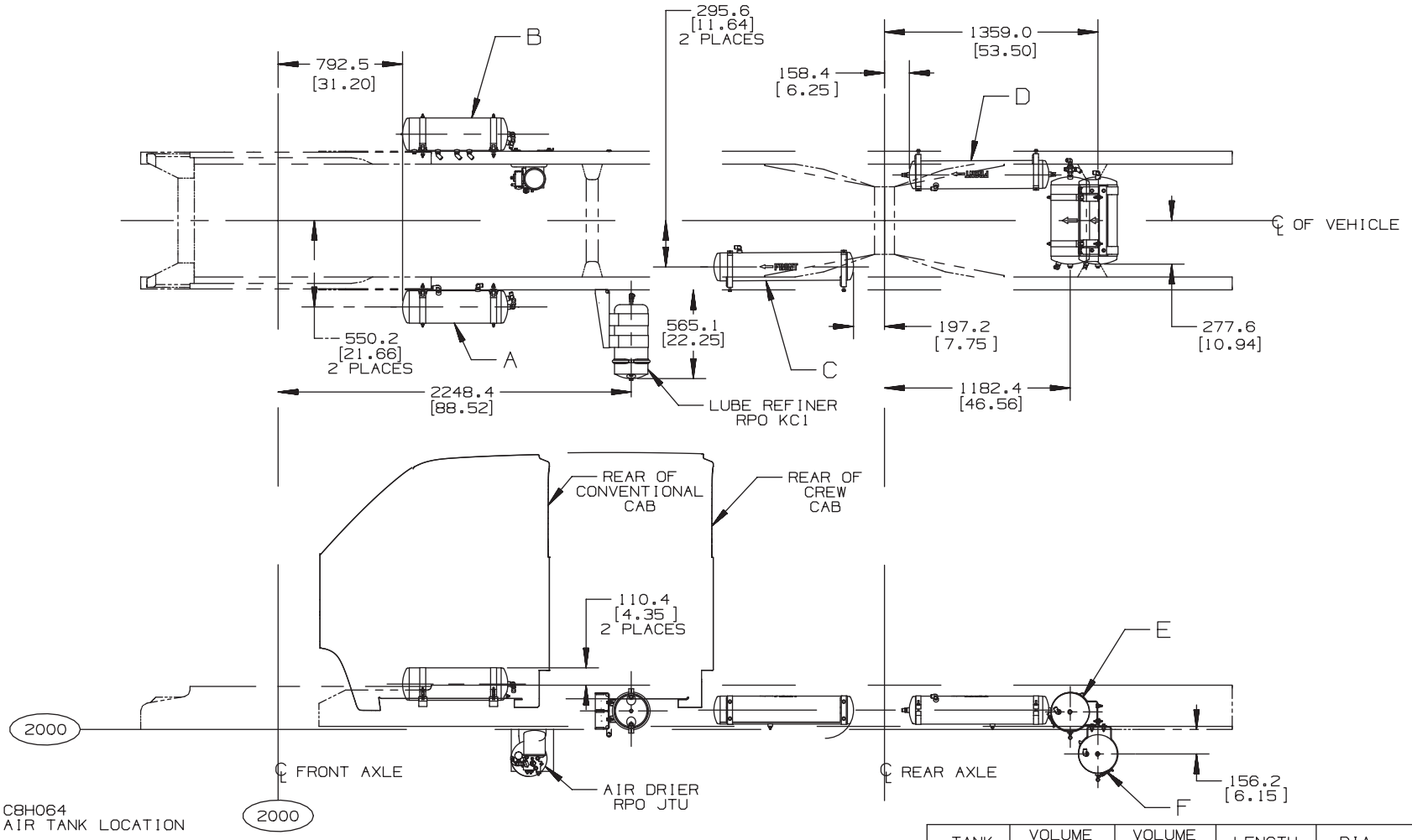
AIR SUSPENSION RPO
GSJ/G40/G45

TANK	VOLUME CU CM	VOLUME CU IN	LENGTH	DIA.
A,B	20,668	1,261	670.0	203.2
C,D	23,683	1,445	556.0	241.3

[ ] = INCHES

TD005851a

C8C,E,V064 Air Tanks Location



C8H064
AIR TANK LOCATION

REAR SUSPENSION OPTION	VEHICLE APPLICATION	TANK LOCATIONS
GPR/GSA/GSH/GNS	RQ2	A,B,C,D,E
GPR/GSA/GSH/GNS	RQ3	A,B,C,D,F

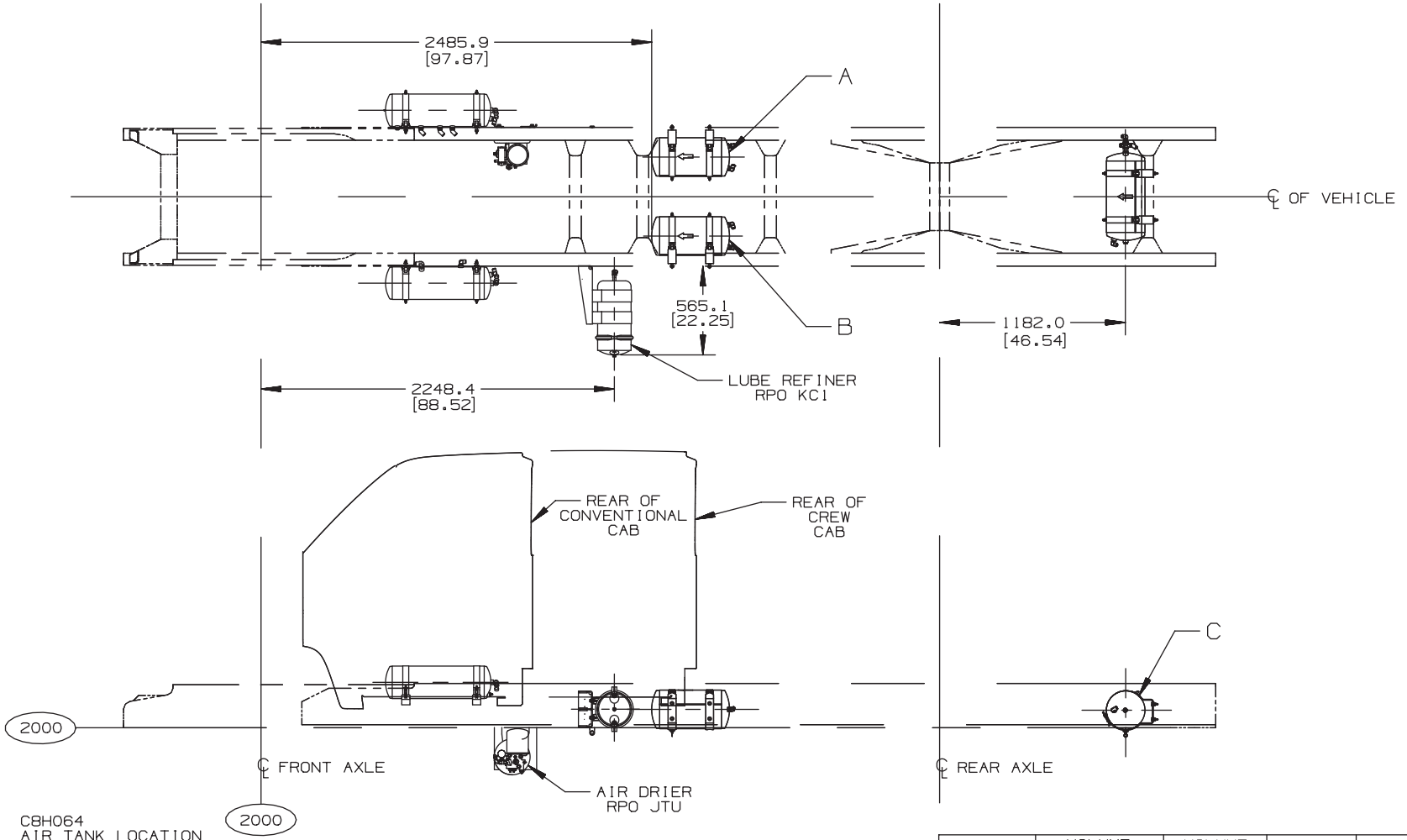
JE4 AIR TANK
APPLICATION

TANK	VOLUME CU CM	VOLUME CU IN	LENGTH	DIA.
A,B	20,668	1,261	670.0	203.2
C,D	20,143	1,229	889.0	174.6
E,F	23,683	1,445	556.0	241.3

[ ] = INCHES

TD005851b

C8C,E,V064 Air Tanks Location



C8H064
AIR TANK LOCATION

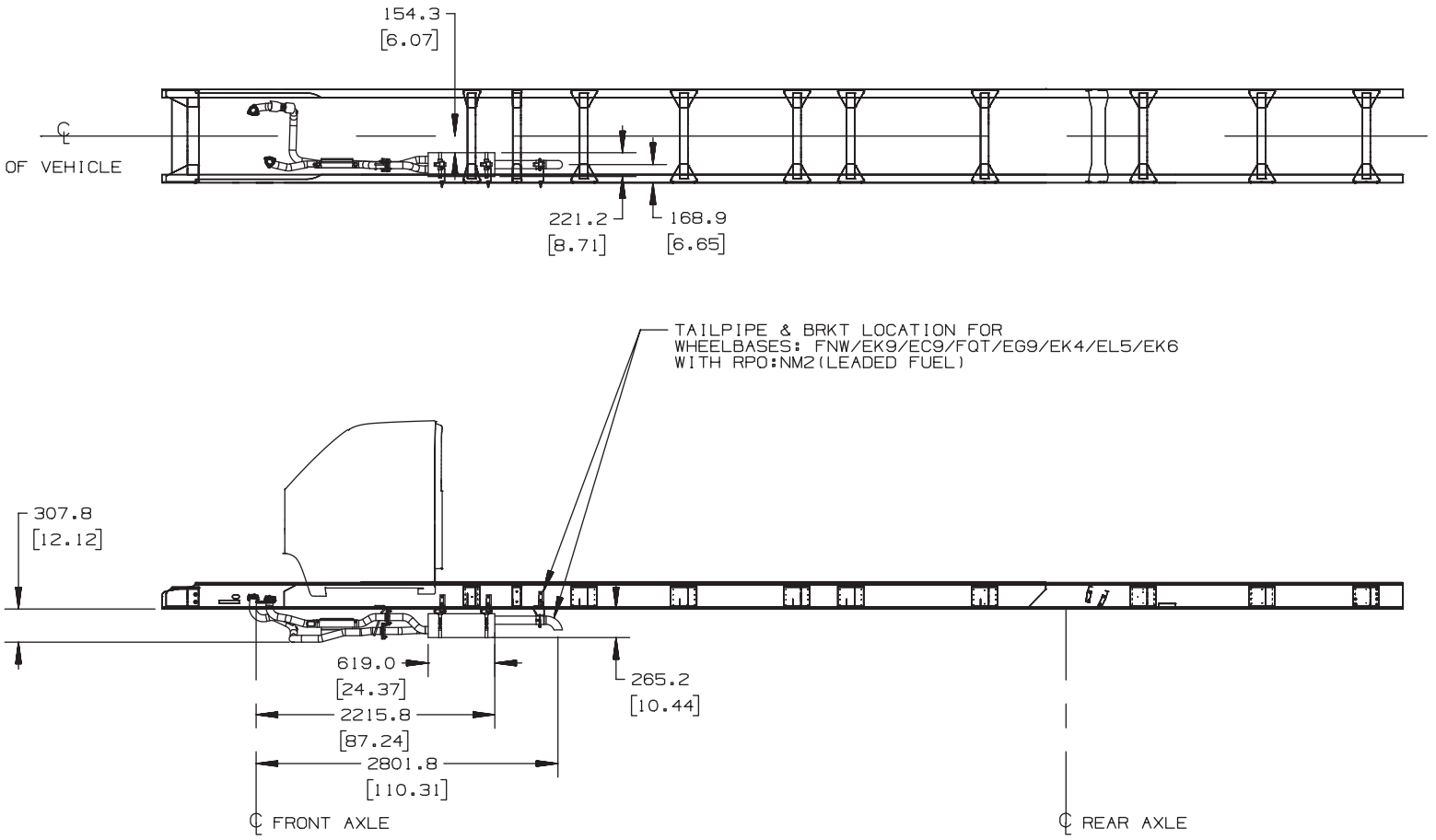
REAR SUSPESION OPTION	VEHICLE APPLICATION	TANK LOCATIONS
GZK	RQ2	A,B,C

TANK	VOLUME CU. CM	VOLUME CU. IN	LENGTH	DIA.
A,B	23,683	1,445	495.1	241.3
C	23,683	1,445	556.0	241.3

[ ] = INCHES

TD005851c

C6/C7/C8C,V042 & C8C064 Gas Engine L18 Option NB5 w/NM2 (Leaded)



GMT 560,C6C0/C7C0/C8C0-42,2003

GMT 560,C6V0/C7V0/C8V0-42,2003

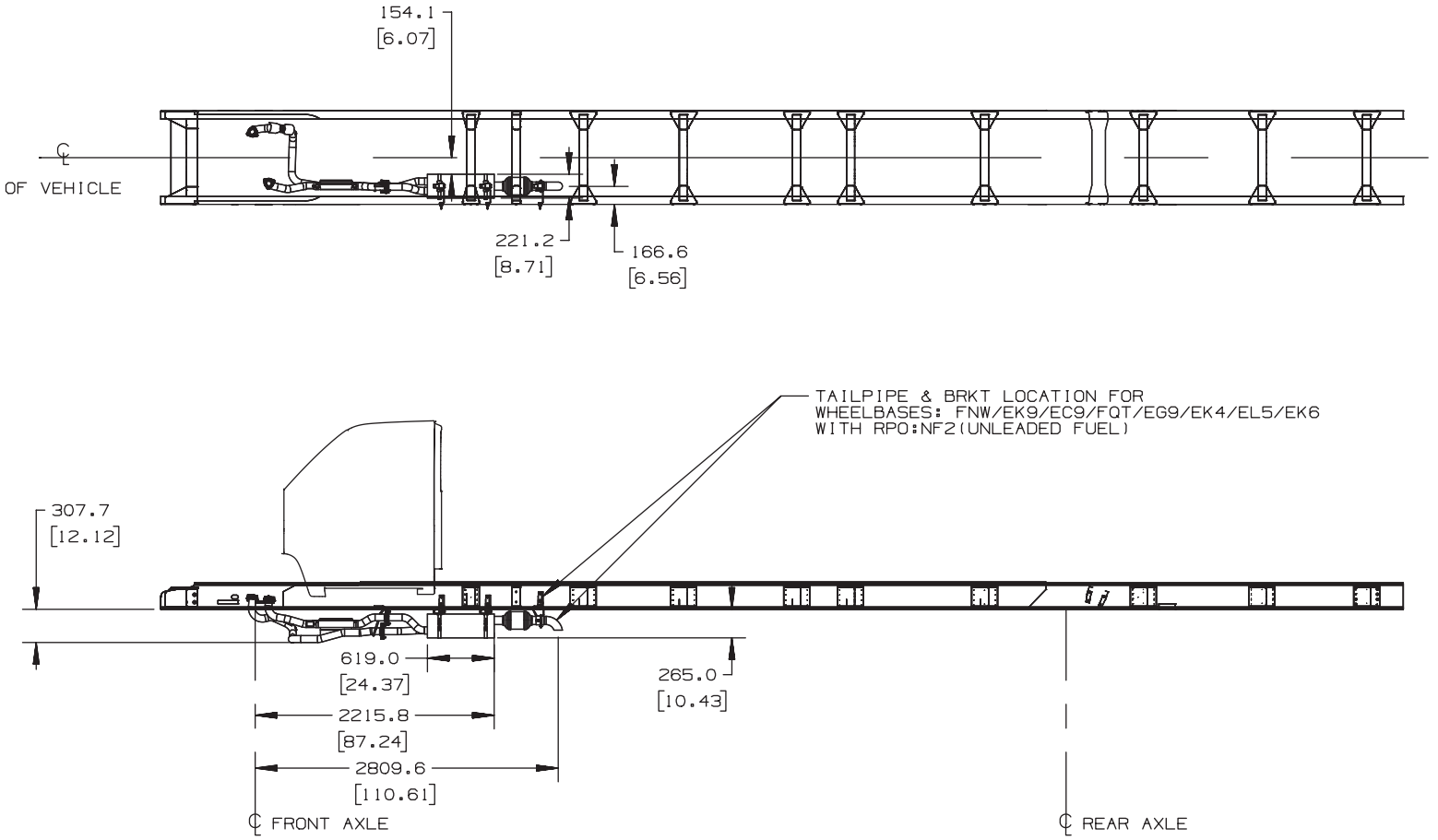
GMT 560,C8C0-64,2003

EXHAUST SYSTEM INST.RPO:NB5
AVAIABLE WITH GAS ENGINE L18 LEADED FUEL RPO:NM2

[ ] = INCHES

TD005871a

C6/C7/C8C,V042 Gas Engine L18 Option NB5 w/NF2 (Unleaded)



GMT 560,C6CO/C7CO/C8CO-42,2003

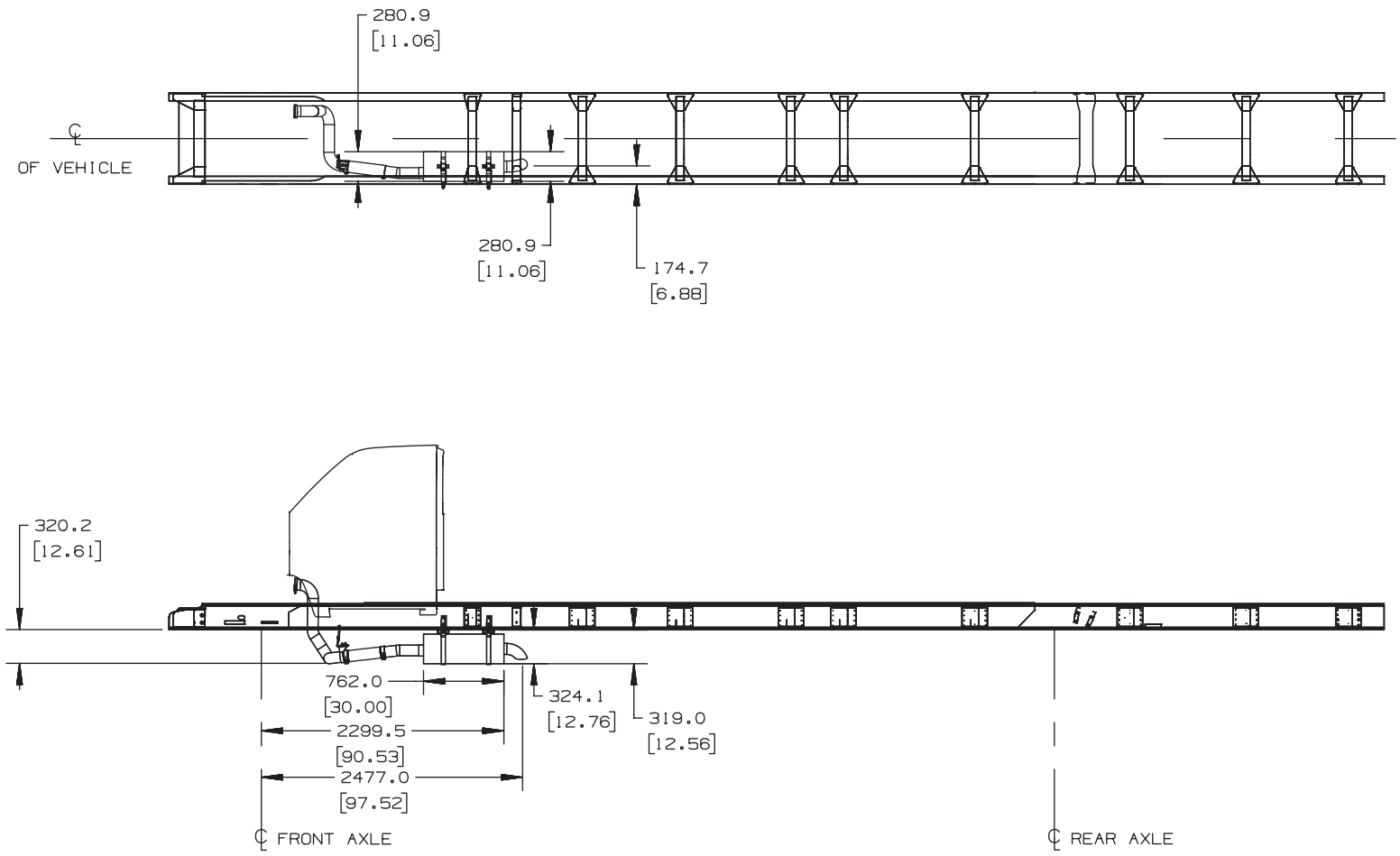
GMT 560,C6VO/C7VO/C8VO-42,2003

EXHAUST SYSTEM INST.RPO NB5
AVAIABLE WITH:GAS ENGINE L18 UNLEADED FUEL
RPO:NF2-EMISSION SYSTEM FEDERAL

[ ] = INCHES

TD005871b

C6/C7/C8C,V042 & C8C,V064 Diesel Engine LG5 Option NB5



GMT 560,C6CO/C7CO/C8CO-42,2003

GMT 560,C6VO/C7VO/C8VO-42,2003

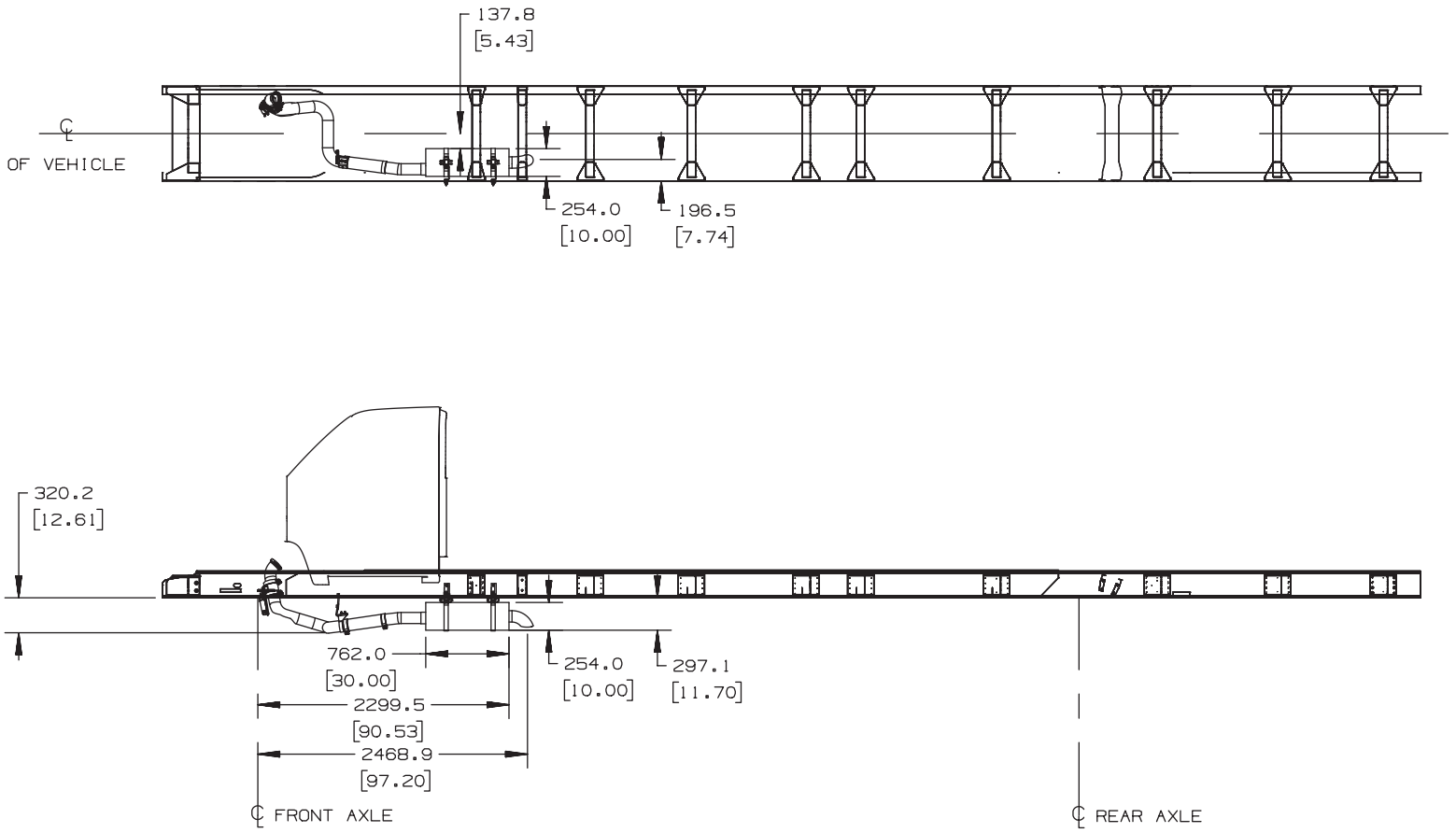
GMT 560,C8CO/C8VO-64,2003

EXHAUST SYSTEM INST.RPO:NB5
AVAIABLE WITH DIESEL ENGINE RPO:LG5

[ ] = INCHES

TD005871c

C6/C7/C8C,V042 & C8C,V064 Diesel Engine LG4, LC8 Option NB5



GMT 560,C6CO/C7CO/C8CO-42,2003

GMT 560,C6VO/C7VO/C8VO-42,2003

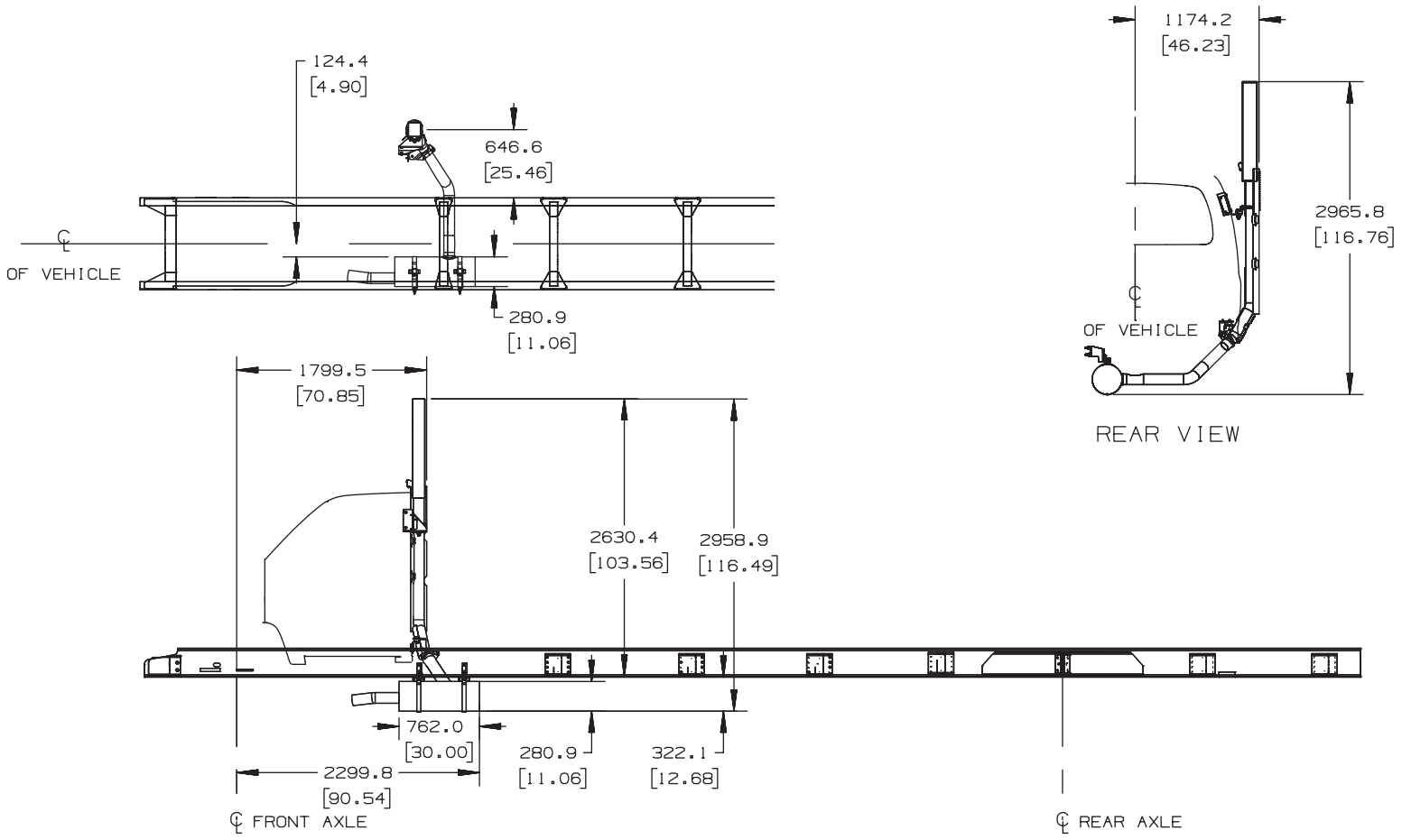
GMT 560,C8CO/C8VO-64,2003

EXHAUST SYSTEM INST. RPO:NB5
AVAIABLE WITH DIESEL ENGINE RPO:LG4,LC8

[ ] = INCHES

TD005871d

C6/C7/C8C,V042 & C8C,V064 Right Vertical Exhaust Diesel Engine LC8, LG4, LG5 Option NPT



GMT 560,C6CO/C7CO/C8CO-42,2003

GMT 560,C6VO/C7VO/C8VO-42,2003

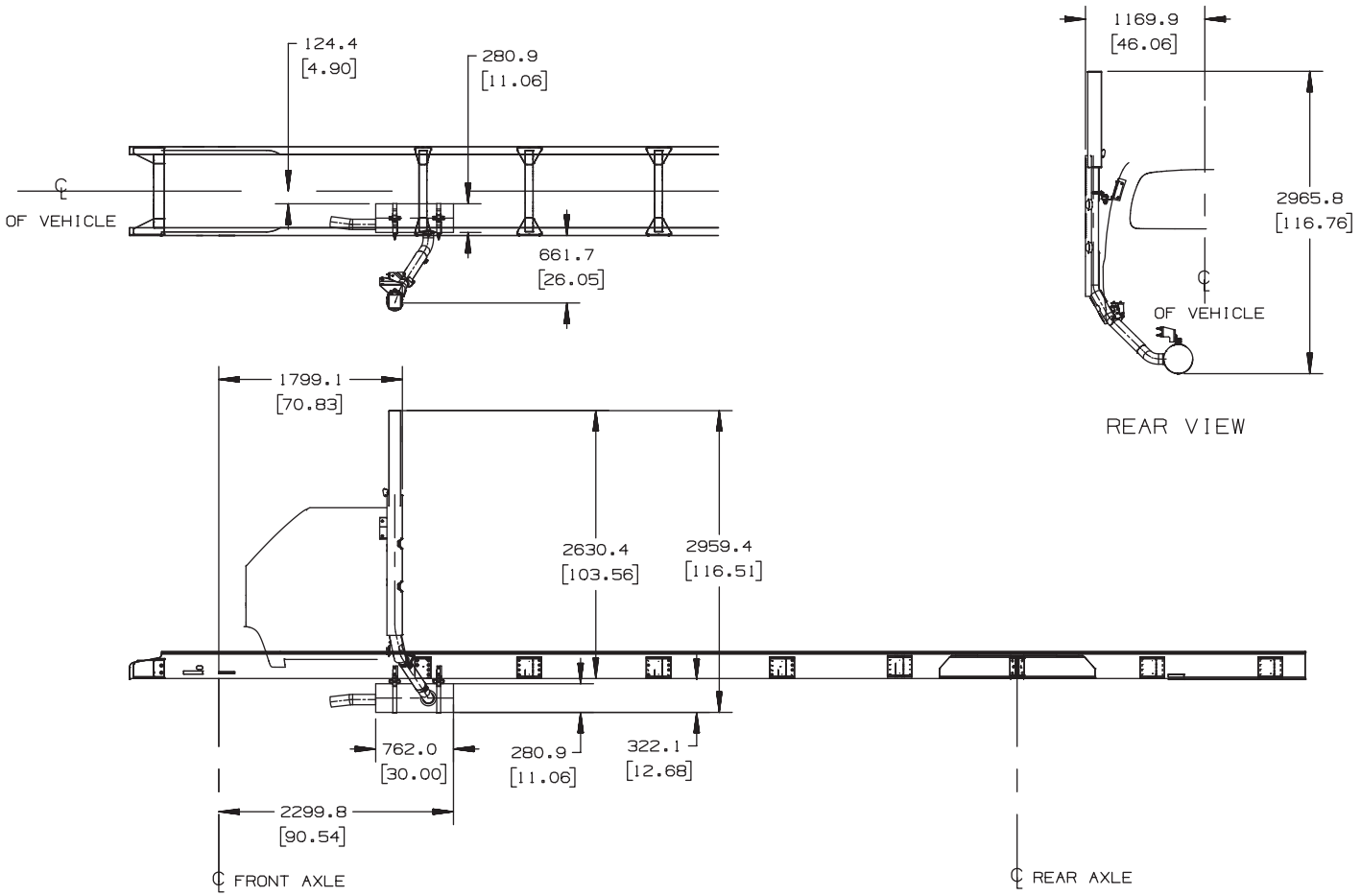
GMT 560,C8CO/C8VO-64,2003

EXHAUST SYSTEM INST.RH HAND RPO:NPT
AVAIABLE WITH DIESEL ENGINE RPO:LC8,LG4,LG5

[ ] = INCHES

TD005871e

C6/C7/C8C,V042 & C8C,V064 Left Vertical Exhaust Diesel Engine LC8, LG4, LG5 Option NPY



GMT 560,C6C0/C7C0/C8C0-42,2003

GMT 560,C6V0/C7V0/C8V0-42,2003

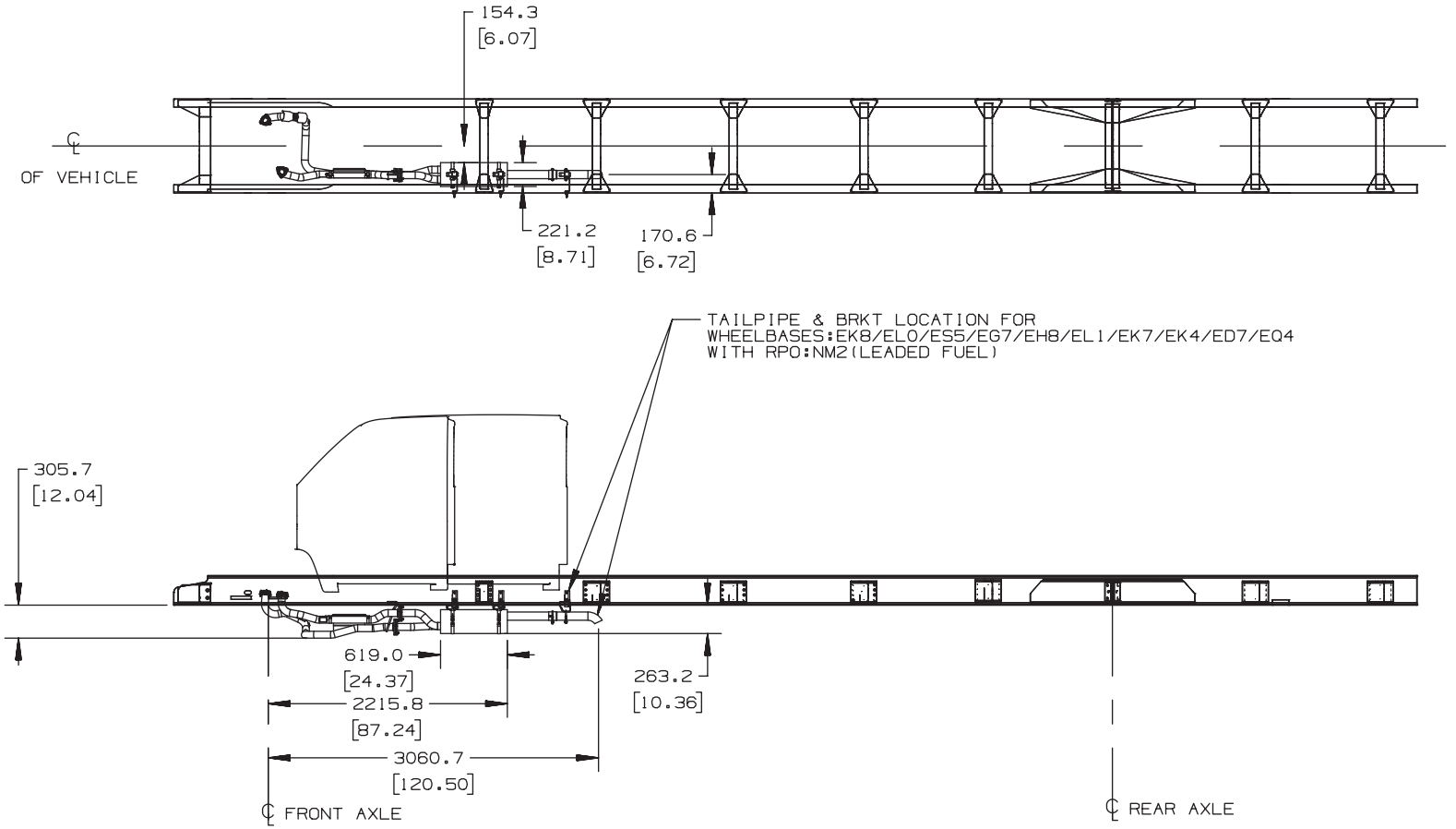
GMT 560,C8C0/C8V0-64,2003

EXHAUST SYSTEM INST.LH HAND RPO:NPY
AVAIABLE WITH DIESEL ENGINE RPO:LC8,LG4,LG5

[ ] = INCHES

TD005871f

C6/C7/C8E042 & C8E064 Gas Engine L18 Option NB5 w/NM2 (Leaded)



GMT 560,C6E0/C7E0/C8E0-42,2003

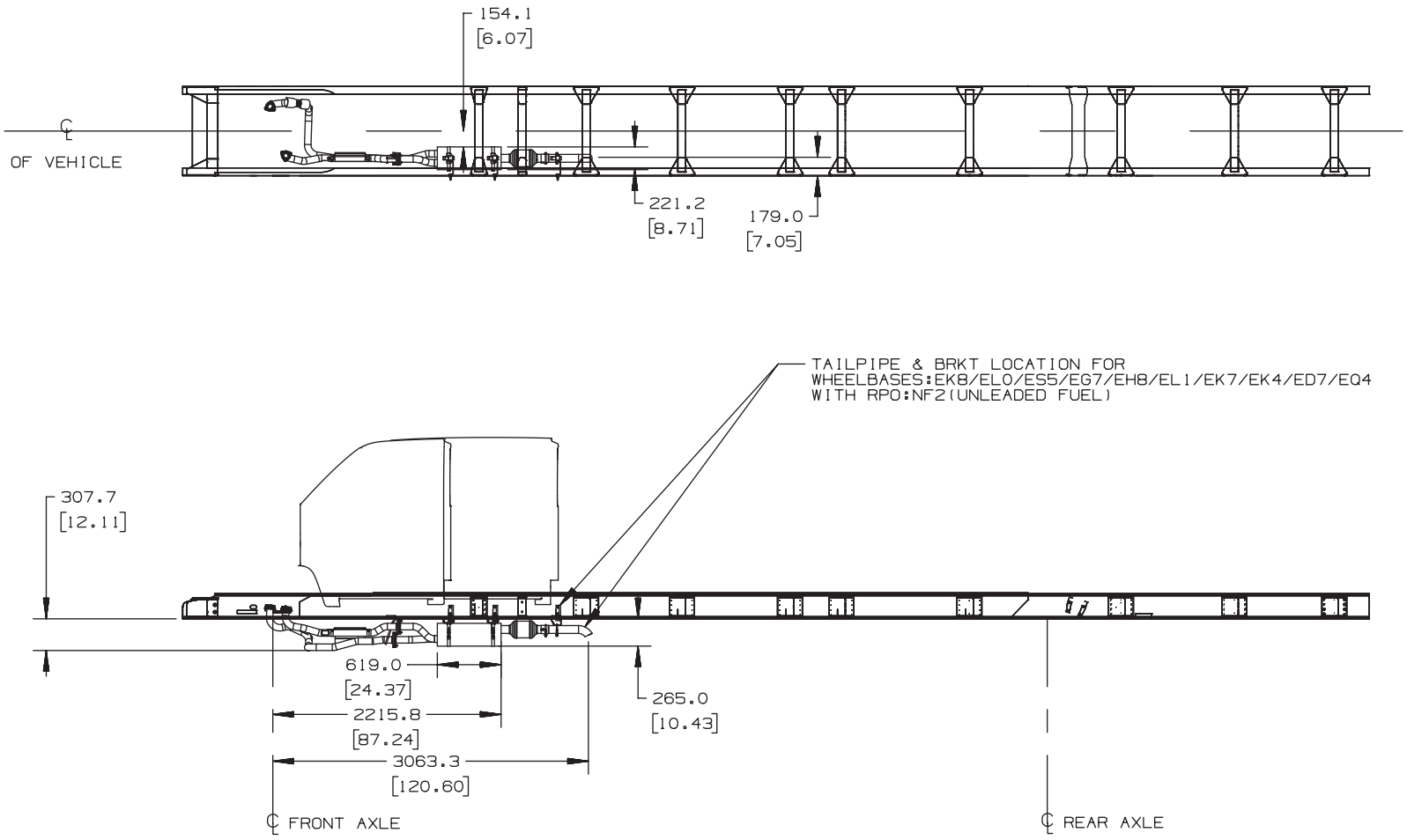
GMT 560,C8E0-64,2003

EXHAUST SYSTEM INST. RPO:NB5
AVAIABLE WITH GAS ENGINE L18 LEADED FUEL RPO:NM2

[ ] = INCHES

TD005871g

C6/C7/C8E042 & C8E064 Gas Engine L18 Option NB5 w/NF2 (Unleaded)



GMT 560,C6E0/C7E0/C8E0-42,2003

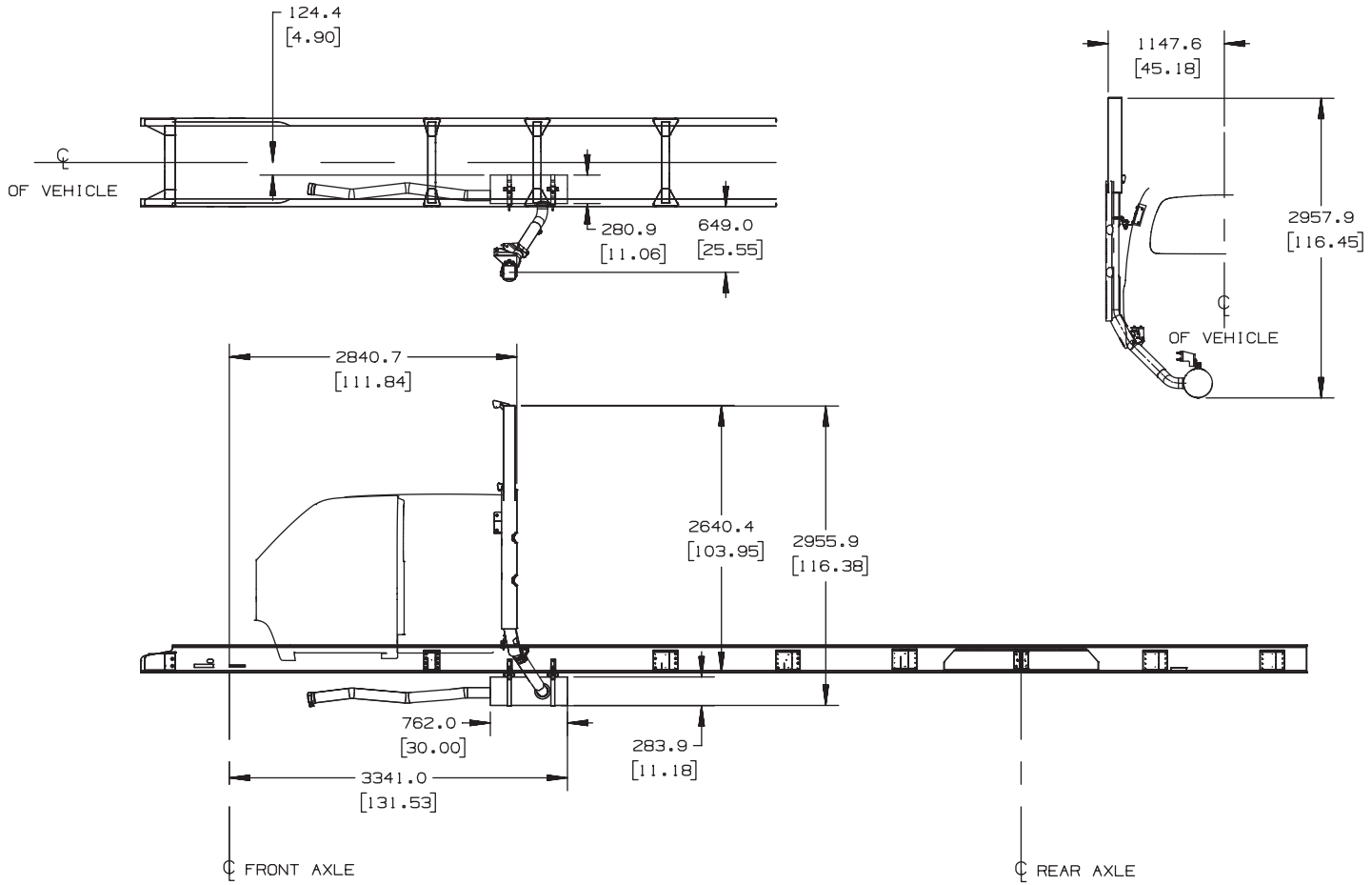
GMT 560,C8E0-64,2003

EXHAUST SYSTEM INST.RPO:NB5
AVAIABLE WITH GAS ENGINE L18 UNLEADED FUEL
RPO:NF2-EMISSION SYSTEM FEDERAL

[ ] = INCHES

TD005871h

C6/C7/C8E042 & C8E064 Left Vertical Exhaust Diesel Engine LC8, LG4, LG5 Option NPY



GMT 560,C6E0/C7E0/C8E0-42,2003

GMT 560,C8E0-64,2003

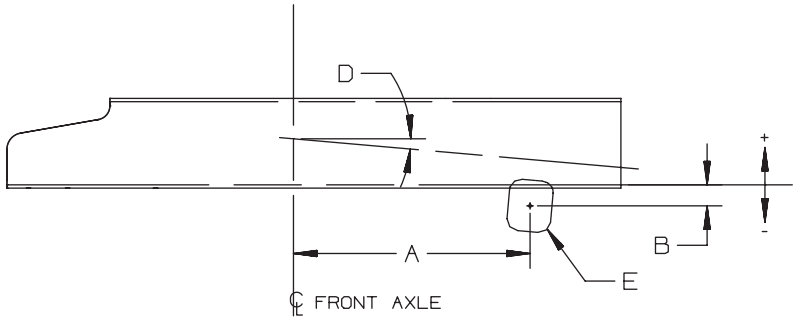
EXHAUST SYSTEM INST.LH HAND VERTICAL RPO:NPY
AVAIABLE WITH DIESEL ENGINE RPO:LG4,LG5,LG8

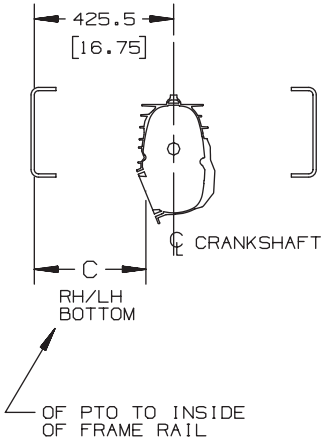
[ ] = INCHES

TD005871j

PTO AVAILABILITY CHART TO COME

C6/C7/C8 Power Take Off Location and Chart





ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
L18 8.1L GAS	EATON FS5406 (MM7)	LH	794.5 [31.28]	-124.7 [-4.91]	322.5 [12.70]	5.0°	6 BOLT
		RH	794.5 [31.28]	-124.7 [-4.91]	322.5 [12.70]	5.0°	6 BOLT
	EATON FS5205A (MPU)	LH	861.5 [33.92]	-90.1 [-3.55]	291.0 [11.46]	5.0°	6 BOLT
		RH	794.8 [31.29]	-94.2 [-3.71]	334.8 [13.18]	5.0°	6 BOLT
	EATON FS4205B (MSC)	LH	787.5 [31.00]	-89.0 [-3.50]	335.5 [13.21]	5.0°	6 BOLT
		RH	787.5 [31.00]	-89.0 [-3.50]	335.5 [13.21]	5.0°	6 BOLT
	EATON FS4205A (MSG)	LH	787.5 [31.00]	-89.0 [-3.50]	335.5 [13.21]	5.0°	6 BOLT
		RH	787.5 [31.00]	-89.0 [-3.50]	335.5 [13.21]	5.0°	6 BOLT
	ALLISON LCT2400 (MTW)	LH	732.8 [28.85]	+63.8 [+2.51]	281.5 [11.08]	5.0°	6 BOLT
		RH	732.8 [28.85]	+63.8 [+2.51]	281.5 [11.08]	5.0°	6 BOLT
	ALLISON LCT2000 (MX4)	LH	732.8 [28.85]	+63.8 [+2.51]	281.5 [11.08]	5.0°	6 BOLT
		RH	732.8 [28.85]	+63.8 [+2.51]	281.5 [11.08]	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

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005958a

C6/C7/C8 Power Take Off Location and Chart

ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
LC8 7.2L DIESEL	SPICER ES56-7B (MK8)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	SPICER ES066-7B (MK9)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	EATON FS5406 (MM7)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	ALLISON MD3060P (MNK)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	ALLISON MD3560P (MNZ)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	EATON FS5205A (MPU)	LH	1091.8 [42.98]	-88.8 [-3.50]	291.8 [11.49]	4.0°	6 BOLT
		RH	1025.3 [40.37]	-94.1 [-3.70]	334.8 [13.18]	4.0°	6 BOLT
	ALLISON MD3060P (MP8)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	EATON FS4205B (MSC)	LH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
		RH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
	EATON FS4205A (MSG)	LH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
		RH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
	ALLISON MD3560P (MTP)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005958b

C6/C7/C8 Power Take Off Location and Chart

ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
LC8 7.2L DIESEL	ALLISON LCT2400 (MTW)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
	ALLISON LCT2000 (MX4)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
LG4 7.8L DIESEL	EATON FS6305A (MK0)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	SPICER ES56-7B (MK8)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	SPICER ES066-7B (MK9)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	EATON FS6305B (ML0)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	EATON FS5406 (MM7)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	EATON FS6406 (MM8)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	ALLISON MD3060P (MNK)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	ALLISON MD3560P (MNZ)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005958c

C6/C7/C8 Power Take Off Location and Chart

ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
LG4 7.8L DIESEL	EATON FS5205A (MPU)	LH	1091.8 [42.98]	-88.8 [-3.50]	291.8 [11.49]	4.0°	6 BOLT
		RH	1025.3 [40.37]	-94.1 [-3.70]	334.8 [13.18]	4.0°	6 BOLT
	ALLISON MD3060P (MP8)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	EATON RT8709 (MS9)	BOTTOM	968.9 [38.15]	-106.5 [-4.19]	285.0 [11.22]	4.0°	8 BOLT
		RH	978.2 [38.51]	+25.3 [+1.00]	199.2 [7.84]	4.0°	6 BOLT
	ALLISON MD3560P (MTP)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	ALLISON LCT2400 (MTW)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
	EATON RT8908LL (MT3)	BOTTOM	968.9 [38.15]	-106.5 [-4.19]	285.0 [11.22]	4.0°	8 BOLT
		RH	978.2 [38.51]	+25.3 [+1.00]	199.2 [7.84]	4.0°	6 BOLT
	EATON RT6609 (MUT)	LH	—	—	—	—	—
		RH	991.2 [39.02]	+13.3 [+0.52]	268.9 [10.59]	4.0°	6 BOLT
	ALLISON LCT2000 (MX4)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
	EATON FS08406 (M69)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
LG5 7.2L DIESEL	EATON FS6305A (MK0)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005958d

C6/C7/C8 Power Take Off Location and Chart

ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
LG5 7.2L DIESEL	SPICER ES56-7B (MK8)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	SPICER ES066-7B (MK9)	LH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
		RH	1075.7 [42.35]	-112.8 [-4.44]	334.0 [13.15]	4.0°	6 BOLT
	EATON FS6305B (ML0)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	EATON FS5406 (MM7)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	EATON FS6406 (MM8)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT
	ALLISON MD3060P (MNK)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	ALLISON MD3560P (MNZ)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	EATON FS5205A (MPU)	LH	1091.8 [42.98]	-88.8 [-3.50]	291.8 [11.49]	4.0°	6 BOLT
		RH	1025.3 [40.37]	-94.1 [-3.70]	334.8 [13.18]	4.0°	6 BOLT
	ALLISON MD3060P (MP8)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	EATON FS4205B (MSC)	LH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
		RH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

TD005958e

C6/C7/C8 Power Take Off Location and Chart

ENGINE	TRANSMISSION	LOCATION	DIM A	DIM B	DIM C	DIM D	DIM E
LG5 7.2L DIESEL	EATON FS4205A (MSG)	LH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
		RH	1018.0 [40.08]	-89.3 [-3.52]	335.4 [13.20]	4.0°	6 BOLT
	EATON RT8709 (MS9)	BOTTOM	968.9 [38.15]	-106.5 [-4.19]	285.0 [11.22]	4.0°	8 BOLT
		RH	978.2 [38.51]	+25.3 [+1.00]	199.2 [7.84]	4.0°	6 BOLT
	ALLISON MD3560P (MTP)	LH	898.8 [35.39]	+48.0 [+1.89]	290.2 [11.43]	4.0°	10 BOLT
		RH	899.1 [35.40]	+52.0 [+2.05]	289.6 [11.40]	4.0°	10 BOLT
	ALLISON LCT2400 (MTW)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
	EATON RT8908LL (MT3)	BOTTOM	968.9 [38.15]	-106.5 [-4.19]	285.0 [11.22]	4.0°	8 BOLT
		RH	978.2 [38.51]	+25.3 [+1.00]	199.2 [7.84]	4.0°	6 BOLT
	EATON RT6609 (MUT)	LH	—	—	—	—	—
		RH	991.2 [39.02]	+13.3 [+0.52]	268.9 [10.59]	4.0°	6 BOLT
	ALLISON LCT2000 (MX4)	LH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
		RH	1030.2 [40.56]	+57.9 [+2.28]	281.5 [11.08]	4.0°	6 BOLT
	EATON FS08406 (M69)	LH	1025.4 [40.37]	-124.5 [-4.90]	321.9 [12.67]	4.0°	6 BOLT
		RH	1025.4 [40.37]	-124.5 [-4.90]	323.1 [12.72]	4.0°	6 BOLT

C600/C700/C800 00
TRANSMISSION, POWER TAKE OFF LOCATION

[ ] = INCHES

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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	
5	22.5X7.50	QH3	QH4	15976725	RA 29001	6.44	.375	6.06	DCT	285.75mm	10	PQU	PQV	6610 @ 120	
5	22.5X7.50	QH3&	QH4&	15706347	RA 29001	6.44	.375	6.06	DCT	285.75mm	10	PQU	PQV	6610 @ 120	
5 pwdr	22.5X7.50	QH3&	QH4&	15013126	RA 29001	6.44	.375	6.06	DCT	285.75mm	10	PQU	PQV	6610 @ 120	
	22.5X7.50	QH3&P41	QH4&P41	15767475	RA 29001	6.44	.375	6.06	DCT	285.75mm	10	PQU	PQV	6610 @ 120	
5	22.5X8.25	RPQ	RPR	15961477	RA 28487	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7390 @ 120	
5	22.5X8.25	RPQ&	RPR&	15961476	RA 28487	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7390 @ 120	
5 pwdr	22.5X8.25	RPQ&	RPR&	15007305	RA 28487	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7390 @ 120	
	22.5X8.25	RPQ&FLT	RPR&FLT	15742171	RA 28487	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7390 @ 120	
	22.5X8.25	RPQ&P41	RPR&P41	15767474	RA 28487	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7390 @ 120	
2	22.5X8.25	Q86	Q87	15743440	RA 28408	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7300 @ 120	
2 pwdr	22.5X8.25	Q86	Q87	15757317	RA 28408	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7300 @ 120	
	22.5X8.25	Q86 132Q	Q87 132Q	15750471	RA 28408	6.62	.437	6.18	DCT	285.75mm	10	PQU	PQV	7300 @ 120	
5	22.5X9.00	QH8	N/A	15977707	FI 29039	5.75	.500	5.25	DCT	285.75mm	10	PQU	PQV	10000 @ 135	
5	24.5X8.25	RNP	RNQ	15733567	28641	6.62	.400		DCT	285.75mm	10	PQU	PQV		

(Wheels and Tires – continued on next page)

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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*
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														
10	22.5X8.25	RNH&YU8		15764382	RA 29555ABP	6.590	.935	5.715	DCT	285.75mm	10	PQY		7300 @ 120	VIEW W	POA	
5	22.5X8.25	EWOJE738A	RNN&PNB INNER	15961477	RA 28487-5	6.620	.437	6.18	DCT	285.75mm	10		PQZ	7390 @ 120	VIEW X		*Accuride*
10	22.5X8.25		RNN&PNB OUTER	15764382	RA 29555ABP	6.590	.935	5.715		285.75mm	10		PQZ	7300 @ 120	VIEW X	POA	

(Wheels and Tires – continued on next page)

(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		
245/70R19.5F	X/Y/ZTI	R3B/S3B	Extra Str Hwy				15.1	621	PXZE			
		R3C/S3C	Prem Hwy	15.25	629	G159						
		S3H	Traction	15.4	622	G124						
245/70R19.5G	X/Y/ZTY	R3B/S3B	Extra Str Hwy				15.1	621	PXZE			
		R3C/S3C	Prem Hwy	15.25	628	G159						
		S3D	Prem Traction				15.6	618	PXZT			
		S3H	Traction	15.4	622	G124						
		R3M/S3M	All Season							15.6	622	M724
235/80R22.5G	X/Y/ZRL	R3B/S3B	Extra Str Hwy				17.4	554	XZE			
		S3D	Prem Traction				17.4	554	PXDU			
245/75R22.5G	X/Y/ZTQ	R3B/S3B	Extra Str Hwy							17.6	555	R250F
		R3C/S3C	Prem Hwy	17.2	561	G159						
		S3H	Traction	17.4	557	G124						

X – Data not available at time of publication.

(Wheels and Tires – continued on next page)

(Wheels and Tires – continued from previous page)

Tire Data (continued)

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
255/70R22.5H	X/Y/ZTB	R3B/S3B	Extra Str Hwy				17.1	565	XZE			
		R3C/S3C	Prem Hwy	17	571	G159				17.2	568	R294
		S3D	Prem Traction				17.3	561	XD2			
		S3H	Traction	17.2	564	G124						
255/80R22.5G	X/Y/ZSB	R3B/S3B	Extra Str Hwy				17.9	538	XZE			
		S3D	Prem Traction				17.8	540	PXDU			
		R3S/S3S	Motorhome				X					
265/75R22.5G	X/Y/ZTU	R3C/S3C	Prem Hwy	18	537	G159						
		S3H	Traction	18.2	537	G124						
275/80R22.5G	X/Y/ZSH	R3B/S3B	Extra Str Hwy				18.4	516	PXZE			
		R3C/S3C	Prem Hwy				18.6	518	PXZA2			
		S3D	Prem Traction				18.9	514	PXDA2			
		S3H	Traction				18.9	515	PXDHT			
		S3J	Hwy Tract Blk				18.8	516	PXM+S4			
295/75R22.5G	X/Y/ZRN	R3B/S3B	Extra Str Hwy							18.5	519	R250F
		R3C/S3C	Prem Hwy	18.7	514	G159				18.7	526	R299LP

X – Data not available at time of publication.

(Wheels and Tires – continued on next page)

(Wheels and Tires – continued from previous page)

Tire Data (continued)

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
295/75R22.5G	X/Y/ZRN	S3D	Prem Traction	19	512	G167						
		S3H	Traction	18.9	512	G124				19.1	507	M726
295/80R22.5H	X/ZSK	R3C	Prem Hwy	19.3	503	G391						
315/80R22.5J	X/ZWN	R3C	Prem Hwy	19.7	491	G291						
315/80R22.5L	X/ZWR	R3C	Prem Hwy				19.6	490	PXZY-1			
275/80R24.5G	X/Y/ZSJ	R3B/S3B	Extra Str Hwy				19.1	501	PXZE			
		S3H	Traction				19.5	500	PXDHT			
285/75R24.5G	X/Y/ZRV	R3C/S3C	Prem Hwy	19.4	503	G159						
		S3D	Prem Traction	19.4	507	G167						
9R22.5F	X/Y/ZUE	R3B/S3B	Extra Str Hwy				17.8	542	XZE	18	542	R250F
		R3C/S3C	Prem Hwy	18	541	G159						
		S3H	Traction	18.1	538	G124						
		S3J	Hwy Tract Blk				17.6	548	XM+S4			
10R22.5F	X/Y/ZWJ	R3B/S3B	Extra Str Hwy				18.7	518	XZE			
		R3C/S3C	Prem Hwy	18.8	518	G159						
		S3D	Prem Traction	19.1	509	G167						

X – Data not available at time of publication.

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Tire Data (continued)

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
10R22.5F	X/Y/ZWJ	S3H	Traction	19	514	G124						
		S3J	Hwy Tract Blk				17.6	548	XM+S4			
		R3K/S3K	On-Off Road	18.9	514	G186						
10R22.5G	X/Y/ZWK	R3B/S3B	Extra Str Hwy				18.7	518	XZE			
		R3C/S3C	Prem Hwy	18.8	518	G159						
		S3H	Traction	19	514	G124						
		S3J	Hwy Tract Blk				18.5	519	XM+S4			
11R22.5G	X/Y/ZWL	R3B/S3B	Extra Str Hwy				19.3	497	ZE-B08-C	19.3	502	R250F
		R3C/S3C	Prem Hwy	19.4	501	G159						
		R3C/S3C	Prem Hwy	19.4	501	G159	19.2	503	XZA2	19.3	503	R293
		S3D	Prem Traction	19.7	497	G167	19.5	499	XDA2	19.7	498	M711
		S3E	OOR Traction	19.8	497	G244						
		R3F/S3F	Off Road Rolling	19.6	496	G286						
		S3H	Traction	19.5	498	G124	19.5	500	XDH2			
		S3J	Hwy Tract Blk	19.8	496	G328	19.4	499	XM+S4			
		R3K/S3K	On-Off Road	19.5	497	G186	19.5	497	XZY2			

X – Data not available at time of publication.

(Wheels and Tires – continued on next page)

(Wheels and Tires – continued from previous page)

Tire Data (continued)

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
11R22.5G	X/Y/ZWL	S3L	Off Road Tract	19.7	493	G177						
		R3N	Impr Strg Contr	19.4	503	G357						
		S3T	OOR Tract-Dir				19.6	493	XDY2			
		S3R	High CG Tract				19.5	495	XDN			
11R22.5H	X/Y/ZWM	R3B/S3B	Extra Str Hwy				19.3	497	XZE-CV2			
		R3C/S3C	Prem Hwy	19.4	501	G159	19.3	503	XZA2			
		S3D	Prem Traction	19.7	497	G167						
		S3E	OOR Traction	19.8	497	G244	19.6	494	XDE-A/T			
		R3F/S3F	Off Road Rolling	19.6	496	G286						
		S3H	Traction	19.5	498	G124						
		S3J	Hwy Tract Blk				19.4	500	XM+S4			
		R3K/S3K	On-Off Road	19.5	497	G186	19.5	497	XZY2			
		S3L	Off Road Tract	19.7	493	G177						
		S3R	High CG Tract				19.5	495	XDN			
		S3T	OOR Tract-Dir				19.6	493	XDY2			
12R22.5H	X/Y/ZWP	R3B/S3B	Extra Str Hwy				19.87	487	XZA			

X – Data not available at time of publication.

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Tire Data (continued)

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
12R22.5H	X/Y/ZWP	R3C/S3C	Prem Hwy	19.9	486	G159						
		S3E	OOR Traction				19.8	486	XDE-A/T			
		R3F/S3F	Off Road Rolling	20	483	G286						
		S3H	Traction	20.2	482	G124						
		R3K/S3K	On-Off Road				19.8	487	XZY-2			
		S3L	Off Road Tract	20.5	478	G177						
		S3R	High CG Tract				20	483	XDN			

WHEEL USAGE	Q82/Q83	19.5X6.75	Steel			8 Hole		
	RPM/RPW	19.5X6.75	Aluminum			8 Hole		RPW Provides Aluminum outer, Q83 inner
	QH3/QH4	22.5X7.5	Steel			10 Hole		
	RPQ/RPR	22.5X8.25	Steel			10 Hole		
	RNH/RNN	22.5X8.25	Aluminum			10 Hole		RNN Provides Aluminum outer, RPR inner
	QH8	22.5X9.0	Steel			10 Hole		FRT ONLY
	RNP/RNQ	24.5X8.25	Steel			10 Hole		

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Tire Data (continued)

TIRE TREAD CODES		R3B/S3B	Extra Strength Highway
		R3C/S3C	Premium Highway
		S3D	Highway Premium Traction
		S3E	On-Off Road Traction
		R3F/S3F	Off Road Rolling
		S3H	Highway Traction
		S3J	Highway Traction Block
		R3K/S3K	On-Off Road Rib
		S3L	Off Road Traction
		R3M/S3M	All Season
		R3N	Premium Highway – Improved Steering Control
		S3P	Highway Traction – Directional
		S3R	Highway Traction – High C.G.
		R3S/S3S	High Rib – Motorhome Specific
		S3T	On-Off Road Traction – Directional

(Wheels and Tires – continued on next page)

(Wheels and Tires – continued from previous page)

Tire Data (continued)

NOTES:	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: S3B rear treads require R3B front treads.
	S3C rear treads require R3C front treads.
	S3F rear treads require R3F front treads.
	S3K rear treads require R3K front treads.
	S3M rear treads require R3M front treads.
	S3S rear treads require R3S front treads.