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This guide is to be used as a reference document only.

Please consult your Western Star CAE representative on specific spec'ing needs as the information contained in this document can change without notice.



## Seat Measurements



T.o.C.

Seat Brand: Generic Seat Model: Generic

**4** 23.00"

Center of fuel pedal to seat base

**B**<sub>F</sub> 11.75"

 $B_B$ 

21.25"

Center of fuel pedal to front of seat - forward

- back

**C**<sub>L</sub> 17.00"

Floor to top of seat - seat in low position

**C**<sub>H</sub> 22.50"

Floor to top of seat - seat in high position

**1** 19.50"

 $D_{H}$ 

28.00"

Floor to bottom edge of wheel - Low position

- High position

E<sub>F</sub>

5.00"

Dash to front of seat cushion - seat forward

 $\mathsf{E}_\mathsf{B}$ 

23.00"

Dash to front of seat cushion - seat back

 $F_{14}$ 

2.50"

F<sub>1.2</sub>

9.00"

Distance from dash board to back edge of steering wheel - telescopic in

F

4.25"

 $F_{3,2}$  1

10.00"

Distance from dash board to back edge of steering wheel - telescopic out

 $G_{E1}$ 

8.00"

**G**<sub>F3,4</sub> 10.00"

Mid section of seat(@ 90 deg) to front of wheel in the "1" "2" position - in and down seat fwd Mid section of seat(@ 90 deg) to front of wheel in the "3" "4" position - out and up seat fwd

G<sub>B1.2</sub> [

17.50"

G<sub>B3,4</sub>

19.50"

Mid section of seat (@ 90 deg) to front of wheel in the "1" "2" position - in and down seat back Mid section of seat (@ 90 deg) to front of wheel in the "3" "4" position - out and up seat back

Н

21.00"

Front of seat cushion to back of seat @ 90 degree - total depth

18.00"

Diameter of steering wheel

Center of pedal to top/front of seat cushion

Seat forward and low: 20.67"
Seat forward and high: 25.38"
Seat back and low: 27.21"
Seat back and high: 30.95"

Bottom of wheel to top of seat cushion

 $D_{1,2} - C_H = -3.00$ "  $D_{3,4} - C_L = 11.00$ "

Leg Room

25.74"

Distance from the fuel pedal to the front of the seat, while in the center travel position both horizontally and vertically.

Seat travel - forward & back

 $B_B - B_F = 9.50$ "

 $E_{B} - E_{F} = 9.50$ "

 $G_B - G_F = 9.50$ "

Seat travel - Up & Down

 $C_{H} - C_{L} = 5.50$ "

Telescopic Steering Wheel Travel

 $F_3 - F_1 = 1.375$ "

Models: 4700/4800/4900/5700/6900

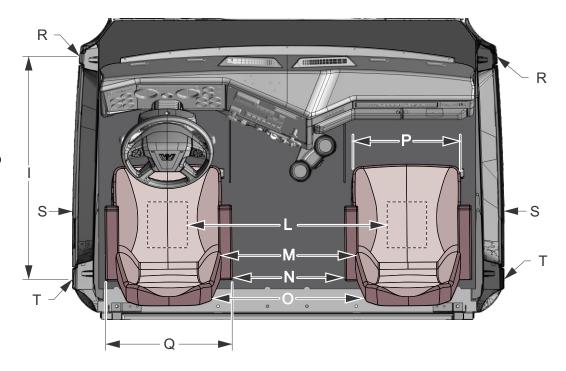


## Interior Cab Dimensions





4700 Enhanced Day Cab Seat Brand: Generic Seat Model: Generic



43.00"

Distance from center of "A" pillar to center of "B" pillar

**J** 14.25"

Depth of seat base

**K** 9.00"

Width of seat base

L 37.25"

Distance between seat bases

**M** 25.50"

Distance between seat cushions @ middle of seat

**N** 24.50"

Distance between arm rests

**O** 27.00"

Distance between seat backs at mid-back level

**P** 21.00"

Width of seat cushion

**Q** 4.25"

Outside distance of dual armrests

67.25"

"A" pillar to "A" pillar - upper measurement @ head liner

**R**<sub>L</sub> 71.50"

"A" pillar to "A" pillar - lower measurement @ dash

**S**<sub>U</sub> 78.50"

Cab width at shoulder level - glass

S<sub>L</sub> 75.50" Cab width at hip level

1 63.50" 73.25"just forward

"B" pillar to "B" pillar @ mid level (top of dash height)

Γ<sub>2</sub> 92.00"

Just behind "B" pillar to "B" pillar at mid level (top of dash height)

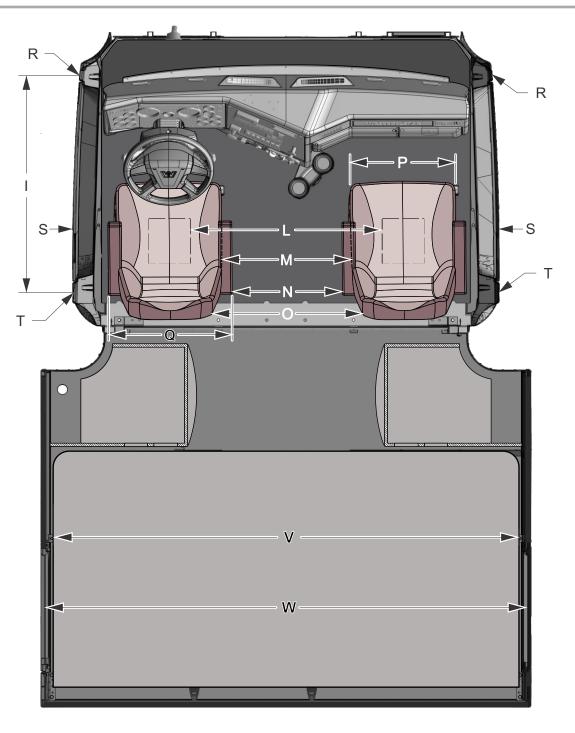
V<sub>U</sub> 64.00" 80" with stationary cushions at either end

**V**<sub>L</sub> 86.00"

Lower mattress length

**W** 92.00"

Width of cab at rear - measured above lower bunk



Sleeper: 82" Ultra High

Bunk: Double Seat Brand: Generic Seat Model: Generic

Models: 4900/5700



## Sleeper Interior Dimensions



53.25"

Floor to bottom of overhead storage

В

64.75"

Floor to head liner - near front edge of seat

C

79.25"

Floor to ceiling @ B-pillar

D

82.00"

Floor to ceiling in front of bunk

Ε

24.00"

Floor to top of lower bunk

Εı

8.00"

Thickness of lower mattress

E,

43.50"

Lower bunk depth

32.00"

Top of lower bunk to upper bunk

 $F_1$ 

8.00"

Thickness of upper bunk

 $F_2$ 

32.00"

Upper bunk depth

G

26.00"

Top of upper bunk to ceiling at back wall of sleeper

 $H_{B}$ 

75.50"

Distance from back of seat to back wall of sleeper - seat back

95.00"

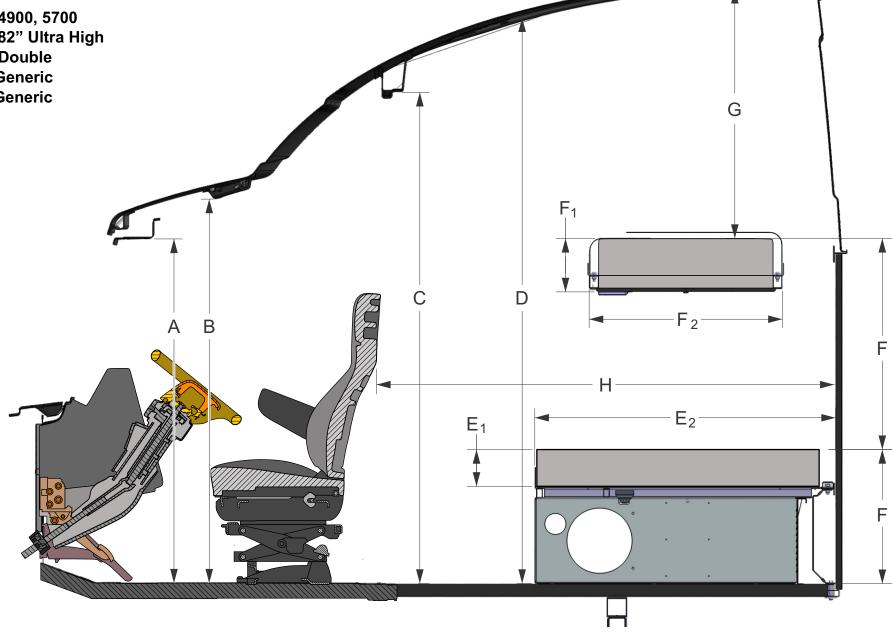
Distance from back of seat to back wall of sleeper - seat forward

#### **Calculated Interior Dimensions**

Top of lower bunk to ceiling 58.00" Total height at rear of sleeper 117.75"

Model: 4900, 5700 Sleeper: 82" Ultra High **Bunk: Double** 

**Seat Brand: Generic Seat Model: Generic** 



Distance between brake and fuel pedal = 3.00"

Distance between center line of brake and fuel pedal = 6.50"

Mounting method of pedals:

Clutch & Brake - Suspended Fuel - From floor

Total volume of cab & sleeper 421907.8 cu. in. = 417.98 cu. ft.

Models: 4900/5700



# In Cab Battery Box



#### 290-1AC Single and Double Person Box Mounting

282-083/760-038 Two Person Battery Box Seat			
	Description	Dimension	
Α	Between Seat Base	21"	
В	Between Seat Cushions - Bostrom	15"	
В	Between Seat Cushions - National	14"	

282-083/760-294 One Person Battery Box Seat			
	Description	Dimension	
С	Between Seat Base	34.7"	
D	Between Seat Cushions - Bostrom	27.5"	
U	Between Seat Cushions - National	28.5"	

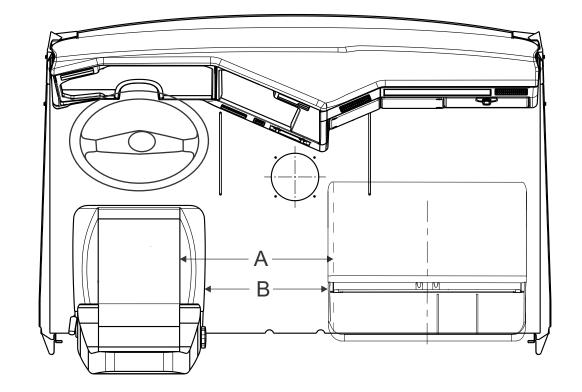


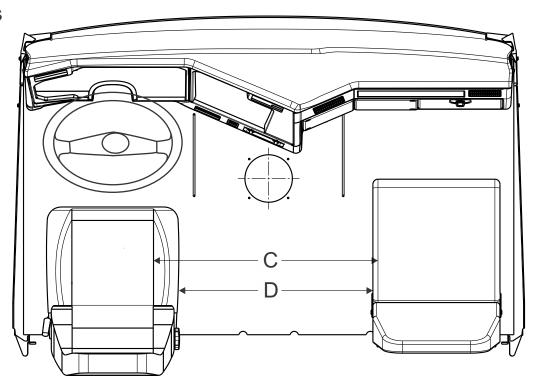


**290-1AC**2 Person Seat (2, 3, or 4) Batteries



1 Person Seat (2 or 3) Batteries





Models: 4700/4800/4900/5700/6900



## In Cab Battery Box



14.0

#### 2 Person Passenger seat battery box vented to outside of cab

Storage Tray







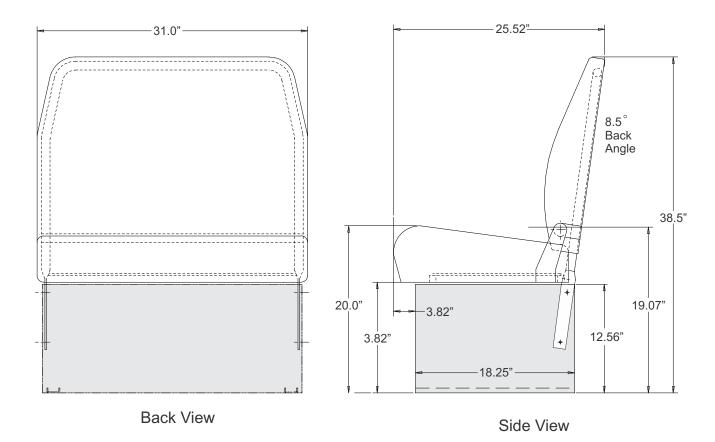
Front Storage can also be used to mount hardware

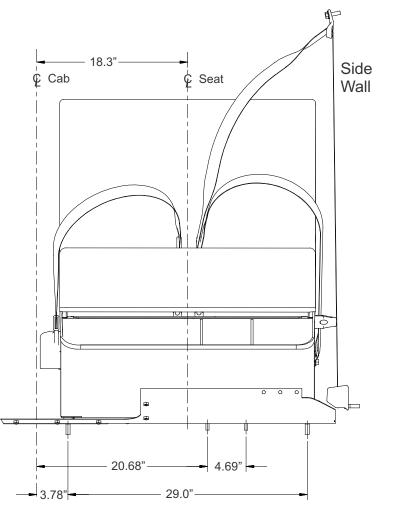


Ample room for Controls see next page for exact details



WST's two man seating option with in cab batteries provides extra storage and seating for 3 people comfortably while at the same time offering clear frame space and ample room for in cab controls.





Typical seat belt installation for 2-man, box base seat

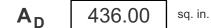
Models: 4700/4800/4900/6900



## Glass Dimensions







**A<sub>D</sub>** 436.00 sq. ii

Area of wiper coverage on passenger's side

**B** 24.25"

Height of glass

E

**D**<sub>U</sub> 31.50"

Upper width of windshield

**D**<sub>L</sub> 34.50"

Upper width of windshield

Center post width (between glass)

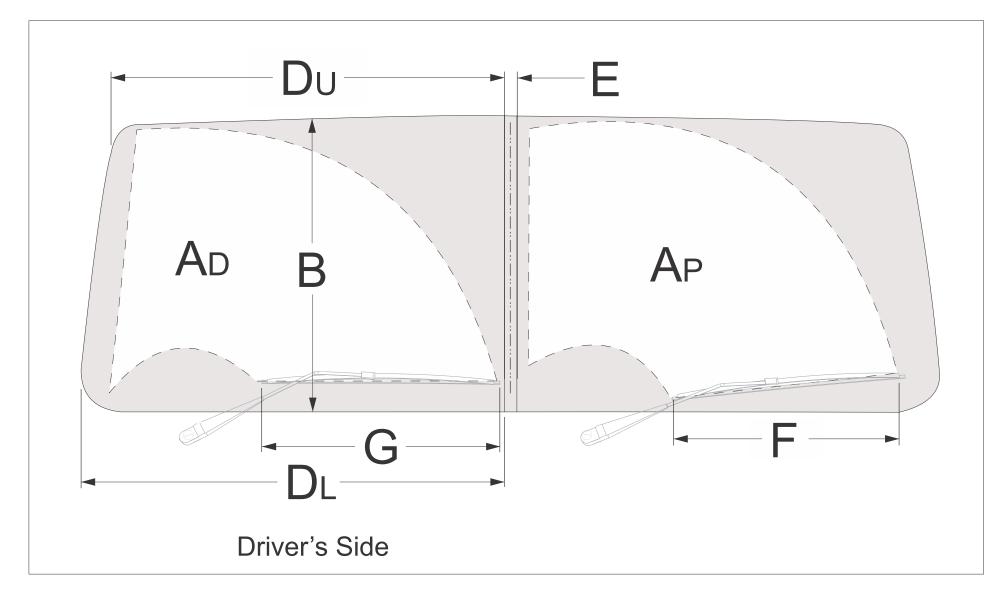
2.00"

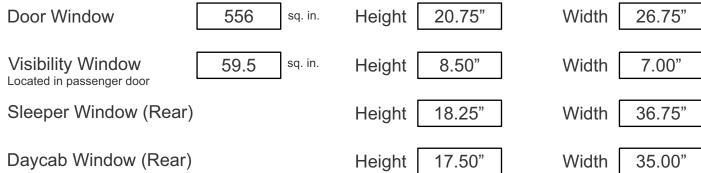
F 19.50"

Length of passenger wiper blade

**G** 19.50"

Length of driver wiper blade





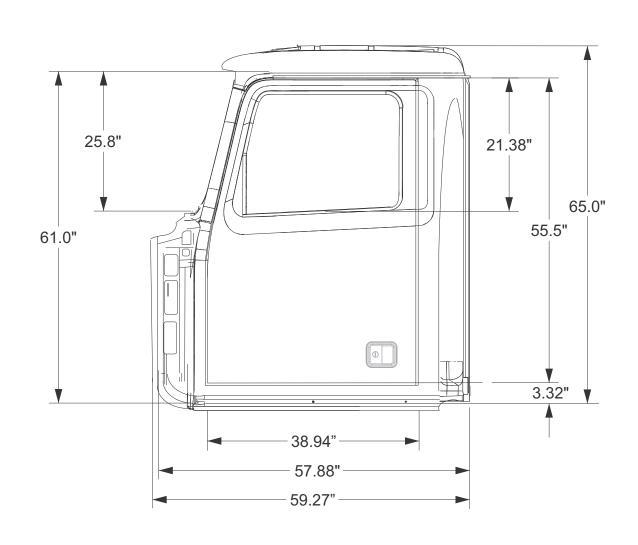
Models: 4700/4800/4900/5700/6900

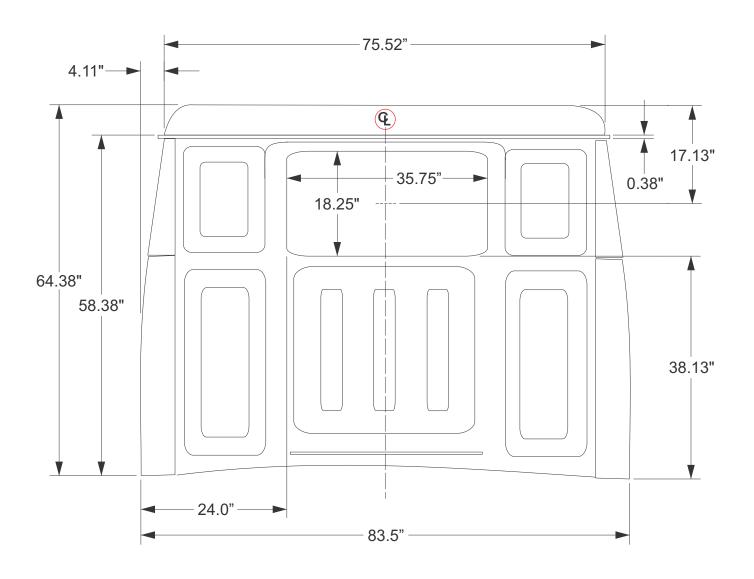


## **Cab Exterior Dimensions**







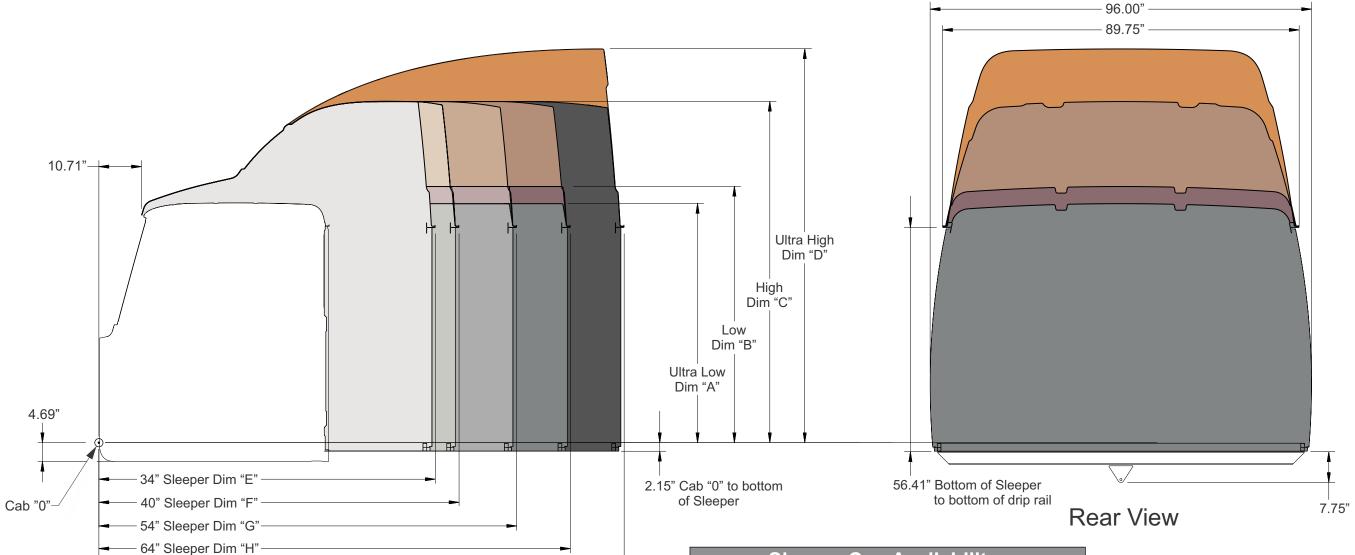




## Sleeper Exterior Dimension







Sleeper Height					
Ultra Low Dim "A"	Low Dim "B"	High Dim "C"	High Dim "D"		
60.22"	64.53"	85.91"	99.15"		

82" Sleeper Dim "J"

Sleeper Length				
34" Sleeper Dim "E"	40" Sleeper Dim "F"	54" Sleeper Dim "G"	64" Sleeper Dim "H"	82" Sleeper Dim "J"
84.66"	90.64"	105.15"	118.66"	132.19"

Side View

Sle	Sleeper Cap Availability			
Sales Code	Description			
682-084	34" High Roof Stratosphere Rest Cab			
682-063	40" Star Light Ultra Low Roof Sleeper			
682-054	40" Star Light Low Roof Sleeper			
682-081	40" High Roof Stratosphere Sleeper			
682-065	54" Star Light Ultra Low Roof Sleeper			
682-055	54" Star Light Low Roof Sleeper			
682-080	54" High Roof Stratosphere Sleeper			
682-066	68" Star Light Ultra Low Roof Sleeper			
682-056	68" Star Light Low Roof Sleeper			
682-070	68" High Roof Stratosphere Sleeper			
682-062	82" High Roof Stratosphere Sleeper			
682-064	82" Ultra High Roof Stratosphere Sleeper			

Models: XXXX/XXXX/XXXX/XXXX/XXXX



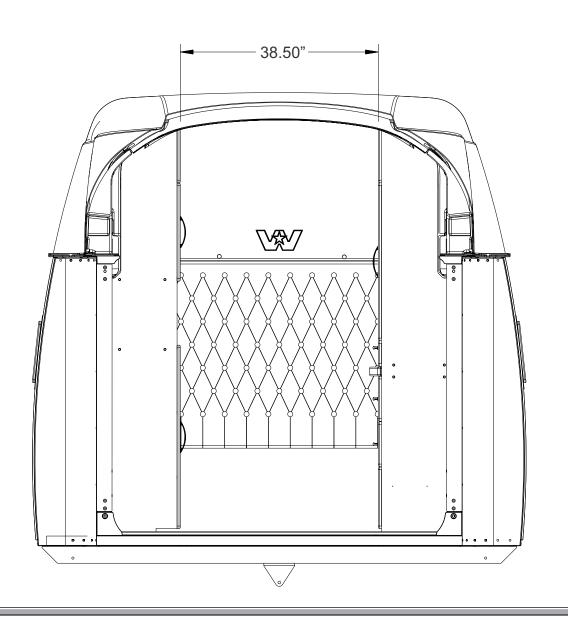
# 34" Sleeper Details



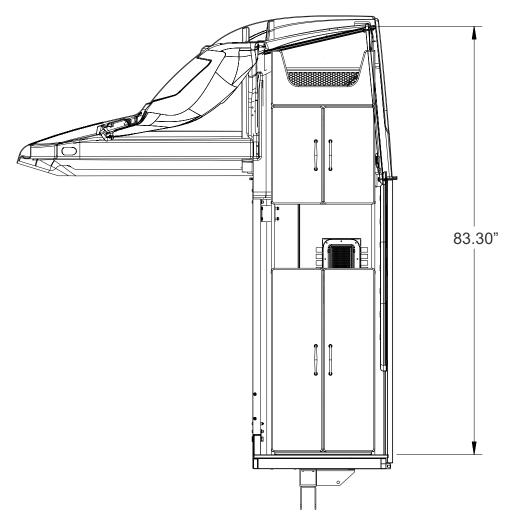
#### 34" Sleeper Details For Camper Installation

#### **Sales Code Options:**

- 682-084
- 826-998
- 637-058
- 639-042







Models: 5700

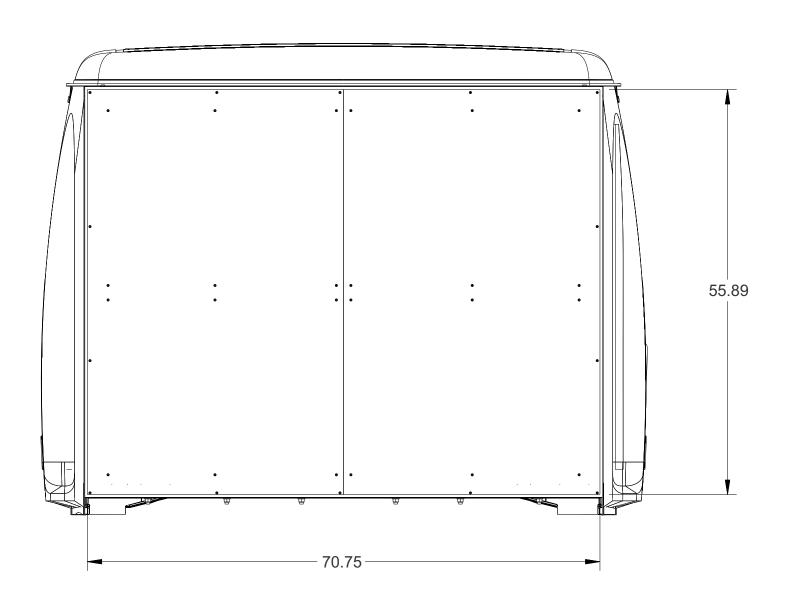


## Open Back of Cab With Temp Structure



682-085 - Opening in Back of Cab W/Temp Structure







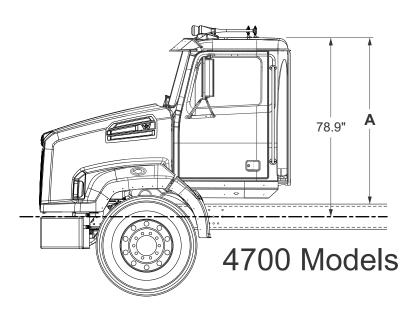


# Cab Height/Engine/Radiator Combinations



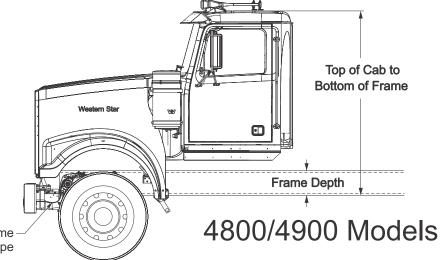
4700 Cab Height by Radiator							
Vehicle	Hood	Cab Height	Top of Cab to Center of Frame	Front Frame	Engine	Radiator	
				Extended	DD13	1500 AL	
4700SF	Traditional	itional Standard 78	78.9"	Drop Casting	DD13	1500 AL	
4700SF Traditional	Traditional		Standard	70.9	Extended	L9	1300 AL
				Drop Casting	L9	1300 AL	
				Extended	DD13	1500 AL	
				Stamped	DD13	1500 AL	
4700SB	Traditional	Standard	70.0"	Bolt On	DD13	1500 AL	
4700SB   Traditional   Stan	Standard	78.9"	Extended	L9	1300 AL		
				Bolt On	L9	1300 AL	
				Extended	L9	1300 AL	

4800/4900 Cab Height by Radiator						
Vehicle	Hood	Cab Height	Top of Cab to Bottom of Frame	Front Frame	Engine	Radiator
4000CD	Cupar Via	Raised	87.1"	Thru-Frame	DD13	1375 AL
4800SB	Super Vis	Standard	83.8"	Drop Casting	וטטן	1600 AL
400005	Tue dition of	Raised	87.1"	Thru-Frame	DD13	1375 AL
4800SF	Traditional	Standard	83.8"	Drop Casting		1700 AL
23" Lowmax	Traditional	Lowered	78.8"	Drop Casting	DD13	1625 AL
2" Lowmax	Traditional	Lowered	78.8"	Drop Casting	DD13	1625 AL
	Traditional				DD16	1700 AL
4900EX		Standard	83.8"	Drop Casting	סוטט	1750 CuBr
4900LX		Standard	' '	X15	1700 AL	
					X13	1750 CuBr
				Thru-Frame	DD13	1375 AL
				Drop Casting	נוטט	1750 CuBr
	Super Vis	Super Vis Raised 8	87.1"	Drop Casting	DD15	1750 CuBr
				Drop Casting	DD16	1750 CuBr
				Drop Casting	X15	1750 CuBr



#### Top of Frame to Top of Cab

Main Rail Option	A Dim
546-100 10-3/16"	73.8"
546-101 10-15/16"	73.4"
546-102 11-1/8"	73.3"
546-1B2 11-7/8"	73.0"



Option Code	Option Code Description	Main Rail Depth
546-089	5/16X3-1/2X10-5/8 INCH	10 5/8"
546-087	3/8X3-1/2X10-3/4 INCH	10 3/4"
546-090	3/8X3-7/8X11-5/8 INCH	11 5/8"

4800/4900 Cab Height by Radiator							
Vehicle	Hood	Cab Height	Top of Cab to Bottom of Frame	Front Frame	Engine	Radiator	
4000CD	Cupor Vio	Raised	87.1"	Thru-Frame	DD12	1375 AL	
4800SB	Super Vis	Standard	83.8"	Drop Casting	DD13	1600 AL	
400005	Traditional	Raised	87.1"	Thru-Frame	DD13	1375 AL	
4800SF	Traditional	Standard	83.8"	Drop Casting	סוטט	1700 AL	
123" Lowmax	Traditional	Lowered	78.8"	Drop Casting	DD13	1625 AL	
132" Lowmax	Traditional	Lowered	78.8"	Drop Casting	DD13	1625 AL	
					DD16	1700 AL	
4900EX	Traditional	Standard	83.8"	Drop Casting	סוסס	1750 CuBr	
4900LX	Traditional	Staridard	03.0	Drop Gasting	X15	1700 AL	
					713	1750 CuBr	
				Thru-Frame	DD13	1375 AL	
				Drop Casting	סוטט	1750 CuBr	
	Super Vis	Raised	87.1"	Drop Casting	DD15	1750 CuBr	
				Drop Casting	DD16	1750 CuBr	
				Drop Casting	X15	1750 CuBr	
		/is Standard 83.8"			DD13	1600 AL	
4900SB	Super Vis		83.8"	Drop Casting	DD15	1600 AL	
49003D	Oupci vis		Statiuaru	Standard	03.0	Drop Gasting	DD16
					X15	1600 AL	
				Thru-Frame	DD15	1570 CuBr	
				Drop Casting	סוטט	1875 CuBr	
	Traditional	Raised	87.1"	Thru-Frame	DD16	1570 CuBr	
	Traditional	raisca	07.1	Drop Casting	DD 10	1875 CuBr	
				Thru-Frame	X15	1570 CuBr	
				Drop Casting	Λ10	1875 CuBr	
				Thru-Frame	DD13	1375 AL	
				Thru-Frame	DD15	1570 CuBr	
				Drop Casting	55.0	1875 CuBr	
	Traditional	Raised	87.1"	Thru-Frame	DD16	1570 CuBr	
				Drop Casting	5510	1875 CuBr	
				Thru-Frame	X15	1570 CuBr	
4900SF				Drop Casting	X10	1875 CuBr	
490031					DD13	1700 AL	
					DD 10	1750 CuBr	
					DD15	1700 AL	
	Traditional	itional Standard 83.8"	83.8"	Drop Casting	DD 10	1750 CuBr	
	Taditional	Standard	55.5		DD16	1700 AL	
						1750 CuBr	
					X15	1700 AL	
						1750 CuBr	

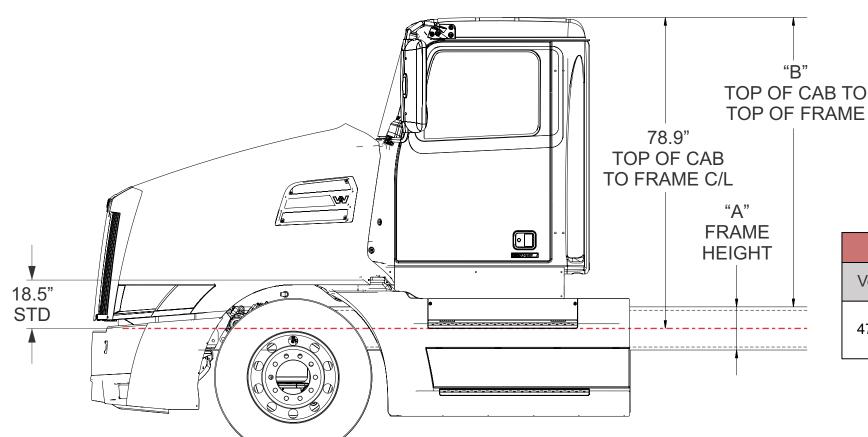
Models: 4700/4800/4900



# Cab Height/Engine/Radiator Combinations







Top of Frame to Top of Cab				
Main Rail O	otion "A"	"B" DIM		
546-1AF	10-13/16	73.5"		
546-101	10-15/16	73.4"		
546-102	11-1/8	73.3"		

4700 Cab Height by Radiator						
Vehicle	Hood	Cab Height	Top of Cab to Center of Frame	Front Frame	Engine	Radiator
4700SF	644-001 Aero	Standard	78.9"	Extended	DD13	1500 AL
	Traditional			Drop Casting	DD13	1500 AL
				Extended	L9	1300 AL

Models: 5700



## Revisions



#### **Changes Made**

#### Revision 3.2

Revision page added.
Pages 7-5, 7-6 added, was in Section 5 Rev 3.1.
Sleeper dimension page 7-7 updated.
34 inch sleeper details page 7-8 added.
Open back of cab details page 7-9 added.
5700 cab height detail page 7-11 added.

