

Work-In Van Chassis Specifications

UTILITY APPLICATION BUILD RECOMMENDATION

Engine	Horsepower	Torque			Data Code
Cummins B6.7 Diesel	200 HP	600 lb/ft @ 1,600 RPM	S	UTILITY	101-3JR
Cummins B6.7 Diesel	220 HP	600 lb/ft @ 1,600 RPM			101-21R
Cummins B6.7 Diesel	240 HP	600 lb/ft @ 1,600 RPM			101-3JT
Transmission	Details				
1000 HS Allison Park PAWL			S		342-1J3
1000 RDS Allison Park PAWL	PTO Provision			UTILITY	342-1MB
Frame Rail	Max GVWR	Dimensions			
MT45 Steel Frame	21,000 lbs	1/4" x 3" x 8" (50ksi)	S	UTILITY	546-097
Front Axle	Rating	KPI/Drop			
Detroit - Single Axle	8,000 lbs	65.2 KPI / 3.74 Drop	S	UTILITY	400-1DW
Detroit - Single Axle	8,000 lbs	68.0 KPI / 3.74 Drop			400-1BC
Rear Axle	Rating				
Detroit F-Series	13,000 lbs		S	UTILITY	420-1C3
Front Suspension	Rating	Wheel Cut			
Flat leaf	5,790 lbs	53°	S		620-1DW
Flat leaf	6,000 lbs	53°			620-049
Flat leaf	6,200 lbs	53°			620-1AG
Flat leaf	7,000 lbs	53°		UTILITY	620-050
Flat leaf	7,500 lbs	53°			620-054
Rear Suspension	Rating				
Flat Leaf	9,200 lbs		S		622-022
Flat Leaf	Low Profile 9,200 lbs				622-246
Flat Leaf	10,000 lbs				622-027
Flat Leaf	Low Profile 10,000 lbs				622-1BE
Flat Leaf	Low Profile 10,500 lbs				622-1M2
Flat Leaf	11,000 lbs			UTILITY	622-1K7
Flat Leaf	High Profile 12,000 lbs				622-1E9
Flat Leaf	12,000 lbs				622-032
Flat Leaf	High Profile 13,000 lbs				622-1GX
Flat Leaf	13,000 lbs				622-1FC
Rear Axle Ratio	Details				
4.10 Rear Axle Ratio			S		421-410
3.91 Rear Axle Ratio	Lower Ratio - City Stop & Start				421-391
4.30 Rear Axle Ratio				UTILITY	421-430
4.56 Rear Axle Ratio					421-456
4.78 Rear Axle Ratio					421-478

Front Brake		Details		
BOSCH - Hydraulic	Pin-Slide Disc Brakes	S		402-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes		UTILITY	402-096
Rear Brake		Details		
BOSCH - Hydraulic	Pin-Slide Disc Brakes	S		423-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes		UTILITY	423-096
Brake Package				
Hydraulic Package		S	UTILITY	018-001
Fuel Tank		Metric		
40 gallon Steel	151 liter	S	UTILITY	230-043
40 gallon Aluminum	151 liter			230-044
60 gallon Steel	227 liter			230-001
Fuel Tank Mount				
Behind (Aft) Front Axle		S	UTILITY	212-021
DEF Tank		Standard		
Right-Hand Frame Mount	10 gallons	S	UTILITY	23U-010
Left-Hand Frame Mount	10 gallons			23U-009
Air Conditioning				
(1) Sanden Compact			UTILITY	130-003
(2) Sanden Compact				130-024
(2) Seltec #TM-21				130-027
A/C Condenser		Details		
Radiator Mounted A/C Condenser	Included with A/C		UTILITY	698-001
Steering Column		Details		
ZF Straight Fixed		S		532-045
ZF Tilt Only			UTILITY	532-044
ZF Tilt 3.00" Telescopic	with Foot Actuated Pedal			532-046
Steering Wheel		Details		
4-spoke 18" (450MM)	Black Steering Wheel with Switches	S	UTILITY	540-044
Obstacle Detection		Details		
Obstacle Detection Module	(4) rear (4) forward UltraSonic Sensors		UTILITY	736-134
Forward Collision Warning	with Brake Integration			736-157
(Combination of both systems selected)				736-151
Camera		Details		
360 Birdseye View Camera System	(4) cameras		UTILITY	73H-008
Road Imaging System-Forward		Details		
Lane Departure Warning	15 min off timeout			73B-041
Lane Guidance System	15 min off timeout			73B-007

Wheelbase			
158" (4025mm)	S	UTILITY	545-402
138" (3500mm)			545-350
187" (4525mm)			545-452
190" (4825mm)			545-482
208" (5275mm)			545-527

Rear Frame Overhang			
88" (2225mm)	S	UTILITY	552-052
41" (1050mm)			552-134
67" (1700mm)			552-034
74" (1875mm)			552-040
93" (2350mm)			552-057
105" (2675mm)			552-067
111" (2825mm)			552-072

Warranty	Time	Miles	KM
Basic Chassis	3 years	50,000	80,500
Battery	1 year	100,000	161,000
Brightwork	6 months	Unlimited	Unlimited
Corrosion	6 months	Unlimited	Unlimited
Cross Members	5 years	100,000	161,000
Drivetrain	3 years	50,000	80,500
Frame Rails	5 years	100,000	161,500
Cummins Engine	3 years	Unlimited	Unlimited

Service	Description
Roadside Assistance	Towing & roadside assistance
Service Network	450+ locations
Customer Support	24/7 direct - factory support 450+ locations

LARGEST SERVICE NETWORK
 24/7 Factory Direct Customer
 Support at 1-800 FTL HELP



Specifications are subject to change without notice. Freightliner Custom Chassis Corporation is registered to ISO 9001:2008 and ISO 14001:2004.
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