

Work-In Van Chassis Specifications

COMMAND APPLICATION BUILD RECOMMENDATION

Engine	Horsepower	Torque		Data Code
Cummins B6.7 Diesel	200 HP	600 lb/ft @ 1,600 RPM	S	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	COMMAND	101-3JT
Cummins B6.7 Diesel	260 HP	660 lb/ft @ 1,600 RPM		101-21V
Cummins B6.7 Diesel	EV R/F/E 260 HP	660 lb/ft @ 1,600 RPM		101-22A
Cummins B6.7 Diesel	300 HP	660 lb/ft @ 1,600 RPM		101-21X
Cummins B6.7 Diesel	EV R/F/E 300 HP	660 lb/ft @ 1,600 RPM		101-22C
Transmission	Details			
2000 HS Allison Park PAWL		S	COMMAND	342-1MF
2100 HS Allison				342-1ME
2100 RDS Allison	PTO Provision			342-1MK
2100 EVS Allison	PTO Provision			342-1MP
2200 RDS Allison Park PAWL	PTO Provision			342-1MM
2200 EVS Allison Park PAWL	PTO Provision			342-1MR
2500 HS Allison				342-1MG
2500 RDS Allison	PTO Provision			342-1MN
2500 EVS Allison	PTO Provision			342-1MT
Frame Rail	Max GVWR	Dimensions		
MT55 Steel Frame	30,000 lbs	5/16" x 2.81" x 9-1/8" (80ksi)	S	COMMAND 546-1AR
Front Axle	Rating	KPI/Drop		
Detroit - Single Axle	8,000 lbs	68.0 KPI / 3.74 Drop	S	400-1BC
Meritor - Single Axle	8,000 lbs	71.5 KPI / 3.74 Drop		400-131
Detroit - Single Axle	8,000 lbs	72.0 KPI / 3.74 Drop		400-1A3
Detroit - Single Axle	10,000 lbs	69.0 KPI / 3.50 Drop	COMMAND	400-1BD
Rear Axle	Rating			
Detroit F-Series	13,500 lbs	S		420-1GF
Detroit F-Series	15,000 lbs			420-1CY
Meritor MS	17,500 lbs			420-1M2
Detroit L-Series	17,500 lbs	COMMAND		420-1C4
Detroit R-Series	17,500 lbs			420-1C6
Detroit R-Series	19,000 lbs			420-1F9
Meritor MS	19,000 lbs			420-1M6
Detroit R-Series	20,000 lbs			420-1GA
Front Suspension	Rating	Wheel Cut		
Taperleaf	7,000 lbs	53°	S	620-018
Taperleaf	8,000 lbs	53°		620-032
Taperleaf	9,000 lbs	53°		620-019
Taperleaf	10,000 lbs	53°	COMMAND	620-062

Rear Suspension		Rating	
Flat Leaf	13,500 lbs	S	622-1B6
Taperleaf	15,000 lbs		622-081
Taperleaf	17,500 lbs		622-046
Taperleaf	20,000 lbs		622-004
Airliner	18,000 lbs	COMMAND	622-282
Airliner	20,000 lbs		622-057
Rear Axle Ratio		Details	
4.10 Rear Axle Ratio	Lower Ratio - City Stop & Start	S	421-410
4.30 Rear Axle Ratio			421-430
4.56 Rear Axle Ratio		COMMAND	421-456
4.63 Rear Axle Ratio			421-463
4.78 Rear Axle Ratio			421-478
4.88 Rear Axle Ratio			421-488
5.13 Rear Axle Ratio			421- 513
5.57 Rear Axle Ratio	Higher Ratio - Highway efficiency		421-557
Front Brake		Details	
BOSCH - Hydraulic	Pin-Slide Disc Brakes	S	402-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes	COMMAND	402-096
Meritor - CAM			402-020
Meritor - CAM	Cast Spider		402-021
Rear Brake		Details	
BOSCH - Hydraulic	Pin-Slide Disc Brakes	S	423-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes	COMMAND	423-096
Meritor - CAM	15 x 6		423-001
Meritor - CAM	15 x 8.62		423-028
Meritor - CAM	16.5 x 7		423-020
Brake Package			
Hydraulic Package		S	018-001
Air Brake Package			018-002
Hydraulic Package w/ Optional Air Supply		COMMAND	018-003
Fuel Tank		Metric	
40 gallon Aluminum	151 liter	S	230-044
30 gallon Steel	113 liter)		230-028
60 gallon Steel	227 liter	COMMAND	230-001
Fuel Tank Mount		Details	
Behind (Aft) Front Axle		S	COMMAND 212-021
20" Forward of Standard	Filler Neck at Aft End		212-049
4" Forward of Standard Location			212-061
DEF Tank		Standard	
Right-Hand Frame Mount	10 gallons	S	23U-010
Left-Hand Frame Mount	10 gallons	COMMAND	23U-009
Air Conditioning			
(1) Sanden Compact			130-003
(2) Sanden Compact			130-024
(2) Seltec #TM-21		COMMAND	130-027

A/C Condenser		Details		
Radiator Mounted A/C Condenser		Included with A/C	COMMAND	698-001
Steering Column		Details		
ZF Straight Fixed			S	532-045
ZF Tilt Only				532-044
ZF Tilt 3.00" Telescopic		with Foot Actuated Pedal	COMMAND	532-046
Steering Wheel		Details		
4-spoke 18" (450MM)		Black Steering Wheel with Switches	S	COMMAND 540-044
Obstacle Detection		Details		
Obstacle Detection Module		(4) rear (4) forward UltraSonic Sensors		736-134
Forward Collision Warning		with Brake Integration		736-157
(Combination of both systems selected)			COMMAND	736-151
Camera		Details		
360 Birdseye View Camera System		(4) cameras	COMMAND	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		
187" (4525mm)	S	545-452
158" (4025mm)		545-402
190" (4825mm)		545-482
208" (5275mm)	COMMAND	545-527
218" (5525mm)		545-552
250" (6350mm)		545-635
276" (7000mm)		545-700
300" (7625mm)		545-762

Rear Frame Overhang		
93" (2350mm)	S	552-057
38" (975mm)		552-158
41" (1050mm)		552-134
46" (1175mm)		552-164
49" (1250mm)		552-002
88" (2225mm)		552-052
105" (2675mm)		552-067
114" (2900mm)	COMMAND	552-075
132" (3350mm)		552-122
138" (3500mm)		552-128

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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