

# Work-In Van Chassis Specifications

## SPECIALTY VEHICLE BUILD RECOMMENDATION

Engine	Horsepower	Torque		Data Code
Cummins B6.7 Diesel	200 HP	600 lb/ft @ 1,600 RPM	<b>S</b>	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
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	<b>SPECIALTY</b>	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			<b>S</b>	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		<b>SPECIALTY</b>	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)	<b>S</b>	<b>SPECIALTY</b> 546-1AR
Front Axle	Rating	KPI/Drop		
Detroit - Single Axle	8,000 lbs	68.0 KPI / 3.74 Drop	<b>S</b>	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	<b>SPECIALTY</b>	400-1BD
Rear Axle	Rating			
Detroit F-Series	13,500 lbs		<b>S</b>	420-1GF
Detroit F-Series	15,000 lbs			420-1CY
Meritor MS	17,500 lbs			420-1M2
Detroit L-Series	17,500 lbs			420-1C4
Detroit R-Series	17,500 lbs			420-1C6
Detroit R-Series	19,000 lbs		<b>SPECIALTY</b>	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°	<b>S</b>	620-018
Taperleaf	8,000 lbs	53°		620-032
Taperleaf	9,000 lbs	53°		620-019
Taperleaf	10,000 lbs	53°	<b>SPECIALTY</b>	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			622-282
Airliner	20,000 lbs		SPECIALTY	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			SPECIALTY	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			402-096
Meritor - CAM				402-020
Meritor - CAM	Cast Spider		SPECIALTY	402-021
Rear Brake		Details		
BOSCH - Hydraulic	Pin-Slide Disc Brakes		S	423-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes			423-096
Meritor - CAM	15 x 6			423-001
Meritor - CAM	15 x 8.62		SPECIALTY	423-028
Meritor - CAM	16.5 x 7			423-020
Brake Package				
Hydraulic Package			S	018-001
Air Brake Package			SPECIALTY	018-002
Hydraulic Package w/ Optional Air Supply				018-003
Fuel Tank		Metric		
40 gallon Aluminum	151 liter		S SPECIALTY	230-044
30 gallon Steel	113 liter			230-028
60 gallon Steel	227 liter			230-001
Fuel Tank Mount		Details		
Behind (Aft) Front Axle			S	212-021
20" Forward of Standard	Filler Neck at Aft End			212-049
4" Forward of Standard			SPECIALTY	212-061
DEF Tank		Standard		
Right-Hand Frame Mount	10 gallons		S	23U-010
Left-Hand Frame Mount	10 gallons		SPECIALTY	23U-009
Air Conditioning				
(1) Sanden Compact				130-003
(2) Sanden Compact				130-024
(2) Seltec #TM-21			SPECIALTY	130-027

A/C Condenser		Details	
Radiator Mounted A/C Condenser	Included with A/C	<b>SPECIALTY</b>	698-001
Steering Column		Details	
ZF Straight Fixed		<b>S</b>	532-045
ZF Tilt Only			532-044
ZF Tilt 3.00" Telescopic	with Foot Actuated Pedal	<b>SPECIALTY</b>	532-046
Steering Wheel		Details	
4-spoke 18" (450MM)	Black Steering Wheel with Switches	<b>S</b> <b>SPECIALTY</b>	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)		<b>SPECIALTY</b>	736-151
Camera		Details	
360 Birdseye View Camera System	(4) cameras	<b>SPECIALTY</b>	73H-008
Road Imaging System-Forward		Details	
Lane Departure Warning	15 min off timeout		73B-041
Lane Guidance System	15 min off timeout	<b>SPECIALTY</b>	73B-007

Wheelbase		
178" (4750mm)	<b>S</b>	545-452
158" (4025mm)		545-402
190" (4825mm)	<b>SPECIALTY</b>	545-482
208" (5275mm)		545-527
218" (5525mm)		545-552
250" (6350mm)		545-635
276" (7000mm)		545-700
300" (7625mm)		545-762

Rear Frame Overhang		
93" (2350mm)	<b>S</b>	552-057
38" (975mm)		552-158
41" (1050mm)		552-134
46" (1175mm)		552-164
49" (1250mm)		552-002
88" (2225mm)	<b>SPECIALTY</b>	552-052
105" (2675mm)		552-067
114" (2900mm)		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

