

# Work-In Van Chassis Specifications

## MOBILE REPAIR 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	<b>MOBILE REPAIR</b>	101-21R
Cummins B6.7 Diesel	240 HP	600 lb/ft @ 1,600 RPM		101-3JT
Transmission	Details			
1000 HS Allison Park PAWL			<b>S</b>	342-1J3
1000 RDS Allison Park PAWL	PTO Provision		<b>MOBILE REPAIR</b>	342-1MB
Frame Rail	Max GVWR	Dimensions		
MT45 Steel Frame	21,000 lbs	1/4" x 3" x 8" (50ksi)	<b>S</b>	<b>MOBILE REPAIR</b> 546-097
Front Axle	Rating	KPI/Drop		
Detroit - Single Axle	8,000 lbs	65.2 KPI / 3.74 Drop	<b>S</b>	<b>MOBILE REPAIR</b> 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		<b>S</b>	<b>MOBILE REPAIR</b> 420-1C3
Front Suspension	Rating	Wheel Cut		
Flat leaf	5,790 lbs	53°	<b>S</b>	620-1DW
Flat leaf	6,000 lbs	53°		620-049
Flat leaf	6,200 lbs	53°		620-1AG
Flat leaf	7,000 lbs	53°	<b>MOBILE REPAIR</b>	620-050
Flat leaf	7,500 lbs	53°		620-054
Rear Suspension	Rating			
Flat Leaf	9,200 lbs		<b>S</b>	622-022
Flat Leaf	<b>Low Profile</b> 9,200 lbs			622-246
Flat Leaf	10,000 lbs			622-027
Flat Leaf	<b>Low Profile</b> 10,000 lbs			622-1BE
Flat Leaf	<b>Low Profile</b> 10,500 lbs			622-1M2
Flat Leaf	11,000 lbs		<b>MOBILE REPAIR</b>	622-1K7
Flat Leaf	<b>High Profile</b> 12,000 lbs			622-1E9
Flat Leaf	12,000 lbs			622-032
Flat Leaf	<b>High Profile</b> 13,000 lbs			622-1GX
Flat Leaf	13,000 lbs			622-1FC
Rear Axle Ratio	Details			
4.10 Rear Axle Ratio			<b>S</b>	421-410
3.91 Rear Axle Ratio	Lower Ratio - City Stop & Start			421-391
4.30 Rear Axle Ratio			<b>MOBILE REPAIR</b>	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	MOBILE REPAIR	402-096
Rear Brake		Details	
BOSCH - Hydraulic	Pin-Slide Disc Brakes	S	423-054
WEMC - Hydraulic	4-piston Fixed Caliper Disc Brakes	MOBILE REPAIR	423-096
Brake Package			
Hydraulic Package		S	MOBILE REPAIR 018-001
Fuel Tank		Metric	
40 gallon Steel	151 liter	S	MOBILE REPAIR 230-043
40 gallon Aluminum	151 liter		230-044
60 gallon Steel	227 liter		230-001
Fuel Tank Mount			
Behind (Aft) Front Axle		S	MOBILE REPAIR 212-021
DEF Tank		Standard	
Right-Hand Frame Mount	10 gallons	S	23U-010
Left-Hand Frame Mount	10 gallons	MOBILE REPAIR	23U-009
Air Conditioning			
(1) Sanden Compact			130-003
(2) Sanden Compact		MOBILE REPAIR	130-024
(2) Seltec #TM-21			130-027
A/C Condenser		Details	
Radiator Mounted A/C Condenser	Included with A/C	MOBILE REPAIR	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	MOBILE REPAIR	532-046
Steering Wheel		Details	
4-spoke 18" (450MM)	Black Steering Wheel with Switches	S	MOBILE REPAIR 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)		MOBILE REPAIR	736-151
Camera		Details	
360 Birdseye View Camera System	(4) cameras	MOBILE REPAIR	73H-008
Road Imaging System-Forward		Details	
Lane Departure Warning	15 min off timeout		73B-041
Lane Guidance System	15 min off timeout	MOBILE REPAIR	73B-007

Wheelbase		
158" (4025mm)	<b>S</b> <b>MOBILE REPAIR</b>	545-402
138" (3500mm)		545-350
178" (4750mm)		545-452
190" (4825mm)		545-482
208" (5275mm)		545-527

Rear Frame Overhang		
88" (2225mm)	<b>S</b> <b>MOBILE REPAIR</b>	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

