

Winnebago Industries, Inc.
2016 WFJ33S, WFJ38S
Freightliner Chassis Specifications

Series	X-Line		
Model	MC		
SUSPENSION RATING			
WFJ33S	WHEELBASE	208 in.	
1LX	GVWR	24,000 lbs.	
	GAWR, Front	9,000 lbs.	
	GAWR, Rear	15,000 lbs.	
	GCWR	26,000 lbs.	
	SUSPENSION TYPE	Spring	
	BRAKE TYPE	Hydraulic	
1AT	GVWR	26,000 lbs.	GVWR derated from 27,500
	GAWR, Front	10,000 lbs.	
	GAWR, Rear	17,500 lbs.	
	GCWR	30,000 lbs.	
	SUSPENSION TYPE	Full Air Suspension	
	BRAKE TYPE	Air	
1AV	GVWR	27,500 lbs.	
	GAWR, Front	10,000 lbs.	
	GAWR, Rear	17,500 lbs.	
	GCWR	30,000 lbs.	
	SUSPENSION TYPE	Full Air Suspension	
	BRAKE TYPE	Air	
WFJ38S	WHEELBASE	248 in.	
1AQ	GVWR	27,500 lbs.	
	GAWR, Front	10,000 lbs.	
	GAWR, Rear	17,500 lbs.	
	GCWR	30,000 lbs.	
	SUSPENSION TYPE	Spring	
	BRAKE TYPE	Hydraulic	
1AZ	GVWR	26,000 lbs.	GVWR derated from 27,500
	GAWR, Front	10,000 lbs.	
	GAWR, Rear	17,500 lbs.	
	GCWR	30,000 lbs.	
	SUSPENSION TYPE	Spring	
	BRAKE TYPE	Hydraulic	

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	SUSPENSION TYPE	Full Air Suspension	
	BRAKE TYPE	Air	
1AV	GVWR	27,500 lbs.	
	GAWR, Front	10,000 lbs.	
	GAWR, Rear	17,500 lbs.	
	GCWR	30,000 lbs.	
	SUSPENSION TYPE	Full Air Suspension	
	BRAKE TYPE	Air	
Engine	Cummins 6.7 - 340 340 HP @ 2,800 RPM; 660 lb.-ft. @ 1,600 RPM		
Emissions Control System	Federal (50 state certification)		
Alternator	160 amp		
Battery	1300 CCA		
Transmission	6-speed, automatic with overdrive		
Model	Allison 2200 MH Series, electronic with Park Pawl		
Oil Cooler	Water to Oil transmission cooler		
Spring Suspension, Front	(1LX, 1AQ, 1AZ)		
Type	Softek front taperleaf Suspension		
Stabilizer Bar	Front Swaybar - Outboard mounted		
Axle	Detroit I-Beam, wide track		
Shock Absorber	Sachs		
Front Wheel Cut	55 degrees		
Spring Suspension, Rear	(1LX, 1AQ, 1AZ)		
Type	60" Taperleaf spring with rubber helper		
Stabilizer Bar	Rear Swaybar		
Axle	Detroit DA-RS series		
Axle Ratio	5.13		
Shock Absorber	Sachs		

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Air Suspension, Front (1AT, 1AV)

Type	Neway AS air suspension
Stabilizer Bar	Front Swaybar - Outboard mounted
Axle	Detroit I-Beam, wide track
Shock Absorber	Sachs
Front Wheel Cut	55 degrees

Air Suspension, Rear (1AT, 1AV)

Type	Vride air suspension
Stabilizer Bar	Rear Swaybar
Axle	Detroit DA-RS series
Axle Ratio	5.13
Shock Absorber	Sachs

Brakes

Hydraulic	Bosch Hydraulic Brake Package w/ ABS Wabco Hydraulic 4S/4M without traction control
Air Front	Bendix 17" air disc brakes w/ ABS
Rear	16.5" x 7" drum style s-cam w/ ABS
Parking	Transmission mounted with Park Pawl mounted in LH Driver Console

Electrical 12-volt DC

Frame 9.125" x 3" x .3125" steel

Fuel System 80-gallon (approx.) tank, between rails
Bio-Diesel fuel up to 20% blend
Fuel/Water separator w/ heated bowl

Exhaust Fluid Tank 10-gallon LH frame mounted

Provision for Aux. Gen Port in top of tank, drop tube ends at 25% capacity

Steering Power - TRW THP 60 gear

Tire Front/Rear Michelin XZE 255/70R 22.5H
Capacity - Front/Rear 5,205/4675 lbs. @ 110 psi

Wheel Front/Rear 22.5" X 8.25" aluminum, Accuride Accu-Lite 50487
 22.5" X 8.25" steel (2, rear inner dual)

Instrumentation Speedometer, odometer, tachometer,

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	oil pressure, coolant temperature, trans oil temperature, fuel gauge
	directional signal, high beam, charge indicator lights, and various warning lights
Warning Lamps	Brake system warnings, direction signals and high beam
Flasher & Turn Signals	Heavy-duty
Chassis Warranty	See Freightliner Owner's Manual Customer Assistance: 1-800-385-4357

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