

Winnebago Industries
2018 WFJ33S, WFJ38S
Freightliner Chassis Specifications

| Series | | | |
|--------------------------|------------------------|---------------------|--------------------------|
| Model | | | |
| 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 | |
| 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 | |

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| 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 |
| 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 |

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| 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, 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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