



S2C Cutaway Commercial Bus Chassis



Features & Benefits

- 1** Chassis is equipped with ADA (Americans with Disabilities Act) wiring which offers body builder interface connections, eliminating the need for OEMs to splice into chassis wiring.
- 2** Between-the-rails fuel tank offers superior protection from impact and clean frame rail sides for bus body needs.
- 3** Tuned suspensions and match-marked tires offer a superior ride compared to a traditional truck suspension.
- 4** S2C offers a 20% larger windshield for better visibility compared to the competition.
- 5** Offers 30% to 50% better driver's line of sight compared to the competition, reducing blind spots and potential hazards.
- 6** Low-effort, easy-tilt hood minimizes stress on the driver during inspections. Hood also offers a dampening device that minimizes rapid closure, reducing hood damage or potential injury to maintenance personnel.
- 7** 55-degree wheel cut offers improved maneuverability compared to the traditional truck cab configuration.
- 8** Cab offers floor- and firewall-mounted noise and heat abatement package for improved driver and passenger comfort.
- 9** S2C exceeds the "Buy America" requirements, giving you the confidence that your vehicle was made in America.
- 10** Standard frame-mounted, rollout battery tray with cover. Easier accessibility than a traditional under-step configuration.
- 11** Available dual TM-21 A/C compressors and large single alternator to handle bus needs.

STANDARD FEATURES AND OPTIONS: S2C

When it comes to making the most out of its time on the road, nothing compares to our all-new S2C.

S2C CUTAWAY CHASSIS

Engine	Cummins® ISB 6.7-200 200 hp @ 2,300 rpm, 2,600 GOV, 520 lb./ft. @ 1,600 rpm
Optional engines	Cummins ISB 6.7-220 220 hp @ 2,300 rpm, 2,600 GOV, 520 lb./ft. @ 1,600 rpm Cummins ISB 6.7-240 240 hp @ 2,300 rpm, 2,600 GOV, 560 lb./ft. @ 1,600 rpm Cummins ISB 6.7-250 250 hp @ 2,300 rpm, 2,600 GOV, 660 lb./ft. @ 1,600 rpm Cummins ISB 6.7-260 260 hp @ 2,300 rpm, 2,600 GOV, 660 lb./ft. @ 1,600 rpm Cummins ISB 6.7-300 300 hp @ 2,300 rpm, 2,600 GOV, 660 lb./ft. @ 1,600 rpm
Transmission	Allison® 1000 PTS with park pawl
Optional transmission	Allison 2100 PTS, 2200 PTS, 2500 PTS, 3000 PTS, B210, B220, B300
GVWR	19,500 lbs. to 33,000 lbs.
Alternator	Delco Remy® 160 amp, 28-SI
Optional alternator	Leece-Neville® 170 amp, 185 amp, 200 amp, 270 amp and 320 amp
Air conditioning	OEM dash A/C with Sanden SD-7 compact A/C compressor std; Dual Seltec TM-21 A/C compressors optional
Axles	
Front	Detroit DA-F-08.0-2, 8,000 lbs. FCI
Optional front axle	Detroit DA-F-10.0-3, 10,000 lbs.; DA-F-12.0-3, 12,000 lbs.
Rear	Detroit DA-RS 15-2, 15,000 lbs.
Optional rear axle	DA-RS-17.5, 17,500 lbs.; DA-RS-19.0-2, 19,000 lbs.; DA-RS-21, 21,000 lbs.
Suspension	
Front	Taper-leaf spring, 7,000 lbs.
Optional front suspension	Taper-leaf spring, 9,000 lbs., 10,000 lbs. and 12,000 lbs. ratings
Rear	52" Variable-rate multi-leaf spring, 12,500 lbs.
Optional rear suspension	52" variable-rate multi-leaf spring rear suspension with helper; 16,000 lbs., 19,000 lbs., 21,000 lbs. and 23,000 lbs. ratings; 23,000 lbs. AirLiner® air suspension with tuned Sachs® shocks with rear sway bar
Steering	TRW® tilt/telescoping steering column; TRW THP-45 or THP-60 steering gear; 55-degree wheel cut
Brakes	Bosch® hydraulic pin-slide disc brakes, front and rear WABCO® hydraulic ABS (4) channel
Optional air brakes	Bendix® air disc (front 22.5" wheel only); Meritor™ drum (front and rear)
Frame	5/16" x 3" x 10 1/8" 50 kpsi; 80 kpsi with rear air suspension
Wheelbase	179", 199", 219", 238", 259", 279", 300"
Fuel tank	60-gal. between the rails
Optional fuel tanks	100-gal. mounted between the rails; 65-gal. mounted right-hand side available
Tires	Goodyear® G647 RSS 245/70R 19.5" 14-ply
Optional tires	Goodyear or Michelin® 19.5" OR 22.5"
Dash	New automotive-styled, ergonomically designed dash; odometer/trip, hour/diagnostic/voltage display; LED backlights on switches and gauges offer solid-state design and longer life; integral driver cup holders
Wiring	Fully multiplexed electrical system with body-builder-ready electrical drop for ADA wiring
Hood	Torsion-bar-assisted for easy opening with minimal effort; composite headlamps with brighter beam pattern and integral turn signals
Bumper	Three-piece steel bumper; chrome option available
Battery box	Frame-mounted battery box with sliding tray; capable of holding dual 8 D batteries; optional available temporarily mounted
Select standards	- Daylight running lights - Standard cruise control and programmable high idle
Select options	- Center switch panel with cutouts for body-builder switches - Chrome grille and headlight bezels - T-handle shift lever with interlock

Call Freightliner Custom Chassis Corporation at (800) 545-8831, or visit us on the Web at freightlinerchassis.com.

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