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.


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.
# 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. FC1
- 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 B 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

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Call Freightliner Custom Chassis Corporation at (800) 545-8881, or visit us on the Web at freightlinerchassis.com.

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