XB-S Commercial Bus Chassis
Rear-Engine Straight-Rail Pusher

Features & Benefits

1. Durable, heavy-duty steel frame rails reduce flex, bowing and vibration to minimize coach stress while transporting passengers in relative quiet and comfort. Lowered rear section for engine.

2. Neway® AS-120 front air suspension, rated at 10,500 lb. with front sway bar and tuned Sachs® shocks, provides a smooth, solid ride and added passenger comfort. Optional 12,000-lb. air suspension.

3. Neway ADL-XB rear air suspension, rated at 17,500, 19,000 and 20,000 lb. with standard sway bar and tuned Sachs shocks, further minimizes the effects of potholes and bumps.

4. TRW® power steering has a tilt/telescopic column controlled by foot-lever release, so hands stay on the wheel.

5. Accessible fluid dipsticks and fluid containers provide easier maintenance.

6. Allison® 2100 PTS, 3000 PTS and B300 automatic transmissions deliver smooth, precise shifting and optimal fuel economy.

7. Cummins® ISB diesel engine provides durability and lower maintenance costs and offers an excellent balance of low-end acceleration and high-end torque.


9. Goodyear® and Michelin® tires provide extra-wide, extra-deep tread to deliver maximum durability and scrub resistance.

10. Accuride® 22.5" x 7.5" and 22.5" x 8.25" steel wheels. Optional aluminum wheels.

11. Meritor® WABCO® ABS air brakes deliver reliable, uniform stopping power and better steering control in emergency situations. Optional Bendix® air disc front brakes, which provide a shorter stopping distance.

12. 90-gallon rectangular steel fuel tank mounted between rails increases safety and reduces fuel stops.

13. Full instrument cluster, with driver’s message center, electronic speedometer and fuel gauge and electronic oil pressure and coolant temperature, provides accurate, instant feedback.

14. Chassis is equipped with ADA (Americans with Disabilities Act) wiring which offers body builder interface connections, eliminating the need for OEM’s to splice into chassis wiring.
## XB-S CHASSIS

### Engine:
- 200 hp Cummins® ISB 6.7L with 520 lb./ft. torque @ 1,600 rpm
- Optional engines:
  - 220 hp Cummins ISB 6.7L with 520 lb./ft. torque @ 1,600 rpm
  - 240 hp Cummins ISB 6.7L with 560 lb./ft. torque @ 1,600 rpm
  - 260 hp Cummins ISB 6.7L with 620 lb./ft. torque @ 1,600 rpm
  - 280 hp Cummins ISB 6.7L with 660 lb./ft. torque @ 1,600 rpm
  - 300 hp Cummins ISB 6.7L with 620 lb./ft. torque @ 1,600 rpm

### Transmission:
- Allison® 2100 PTS with pushbutton shifter
- Optional transmissions:
  - Allison B300, 3000 PTS

### GVWR:
- 26,000 lb. to 32,000 lb.

### Alternator:
- Leece-Neville® 160 amp
- Optional alternators:
  - Leece-Neville 200 amp, 270 amp and 320 amp

### A/C Compressor:
- Single Sanden® A/C compressor

### Axles:
- Front: AAC® AF-10, 10,000 lb.
- Optional front axle: AF-12, 12,000 lb.
- Rear: AAC ARS-17.5, 17,500 lb.
- Optional rear axles: ARS-19, 19,000 lb.; ARS-20, 20,000 lb.

### Suspension:
- Front: Neway® AS-120 air suspension, 10,500 lb. with sway bar and tuned Sachs® shocks
- Optional front suspension: Neway AS-120 air suspension, 12,000 lb. with sway bar and tuned Sachs shocks
- Rear: Neway ADL-XB air suspension, 17,500 lb. and tuned Sachs shocks
- Optional rear suspensions: Neway ADL-XB air suspension, 19,000 lb. and 20,000 lb. with tuned Sachs shocks

### Steering:
- TRW® steering gear; 55-degree wheel cut, optional forward locations available

### Brakes:
- ABS air brake system: Front: Meritor® 15x4 Q+ or 16.5x5 Q+, optional Bendix® ADB22X air disc;
- Rear: Meritor 16.5x7 Q+ Haldex Pure Air Plus air dryer with electric heater

### Exhaust brake:
- Cummins® VG Turbo

### Frame:
- 5/16" x 2.81" x 9 1/8", 50,000 kpsi formed steel with lowered rear section

### Wheelbases:
- 160", 190", 208", 228", 252"

### Fuel tank:
- 90-gal. between the rails

### Tires:
- Michelin® XZE 235/80R22.5 14-ply
- Optional tires:
  - Goodyear® 255/70R22.5; Goodyear 275/80R22.5; Michelin XZE 255/80R22.5 14-ply; Michelin XZE 275/80R22.5 14-ply; Michelin XZA3 275/80R22.5 16-ply

### Instrumentation:
- Gauge package includes electronic speedometer with odometer, low-air light and buzzer alarm, driver's message center, voltmeter, tachometer, electronic fuel gauge, electronic oil pressure, electronic coolant temperature, dual-needle primary and secondary air pressure gauge, low coolant level warning with separate low coolant level light, air restrictor indicator, cruise control with high-idle feature and daytime running lights, Driver's information center with odometer/trip, diagnostic/voltage display and more.

### Wiring:
- Body-builder-ready electrical drop for ADA wiring

### Selected options:
- Bendix® AD-9 air dryer
- “Smart Wheel” steering wheel
- Custom Multiplex gauges; choice of backlighting, font, background color, bezels
- Battery shutoff switch
- Dual Seltec® A/C compressors