



Item XXIII: LCF Chassis _ 16000 GVW Tilt Cab & Chassis

Standard Features

Estimated Quantity

- 50

General

- Heavy Duty Forward Tilting Cab & Chassis Designed for Municipal Service
- Current Model Year
- Paint: Base Color/Clearcoat
- Color: Factory Standard

Dimensions

- GVW Ratings: 16000 lbs.
- Overall Height: 90"
- Overall Length: 204.7"
- Overall Weight: 6298 lbs.
- Wheelbase: 113"
- Cab to Axle: 84"
- Ground to Top of Frame: 30" Maximum
- Bumper to Back of Cab: 73.2"

Engine

- Engine Type: Turbo Charged, Electronic V6 Diesel
- Model Number: Powerstroke 4.5L
- Fuel System: Digital Direct, Electrical and High Pressure Oil
- Displacement: 4.5 Liters Minimum
- Net Horsepower: 200 hp @ 2650 rpm
- Torque: 440 ft. lbs. @ 1850 rpm
- Governed Speed: 2800 rpm
- Governor: Electronic
- Air Cleaner: Heavy Duty Replaceable Dry Type
- Valves: Four per Cylinder



Standard Features (cont.)

- Fuel Filter: Engine Mounted Replaceable Type
- Oil Filter: Full Flow Spin on Type
- Exhaust: Horizontal Muffler and Tailpipe
- Fuel Tank: 40 Gallon Single Fuel Tank
- Exhaust: Single Aluminized System
- Emissions: Massachusetts Standards

Transmission and Drivetrain

- Type: Five Speed Automatic Overdrive
- Model: Ford TorqShift
- PTO Opening: Available Optionally
- Clutch: None

Axles and Suspension

- Front Axle: Forged Steel I Beam
- Front Axle Rating: 6000 lb. Capacity
- Rear Axle: Dana Spicer S110 Single Speed
- Rear Axle Rating: 11000 lb. Capacity
- Front Suspension: Parabolic Taper-Leaf
- Front Spring Capacity: 6000 lbs.
- Rear Suspension: Vari-Rate Main/ with AEON Auxiliary Rubber Springs
- Rear Spring Capacity: 11000 lbs. Combined with 1500 lb. Auxiliary Springs
- Rear Axle Ratio: Determined by Application
- Shock Absorbers: Two Double Acting at Front & Rear

Braking System

- Type: Split Circuit Heavy Duty Hydraulic Type with Hydraulic Powered Assist
- Front Brakes: Heavy Duty Disc Type 15.35" x 1.5"
- Rear Brakes: Heavy Duty Disc Type 15.35" x 1.5"
- Anti-Lock: 3-Channel TRW 340-8 Anti-Lock Braking System



Standard Features (cont.)

Cooling System

- Radiator Type: Crossflow Type with Heavy Duty Cooling Package
- Radiator Size: 624 sq. in. Frontal Area
- Coolant: Protected to -35° F

Electrical System

- Type: 12 Volt Negative Ground with Factory Noise Suppression System
- Battery: Two (2) 12 Volt 900 CCA
- Alternator: Visteon 135 Amp
- Starter Motor: Heavy Duty
- Circuit Protection: Replaceable Fuses
- Lighting System: In Accordance with D.O.T. Requirements

Frame

- Type: Heavy Duty Single Channel Steel Frame Rails
- Section Modulus: Minimum Rating of 9.2"
- R.B.M. Rating: 461,000 in./lbs. per Rail
- Dimensions – Main Rail: 8.5" x 2.8" x .25"
- Material: 50000 psi Heat Treated Alloy Steel
- Front Bumper: Frame Mounted Full Width Steel Channel – Painted Argent

Tires and Wheels

- Front Tires: Two (2) Goodyear G647 Tubeless Radial
- Rear Tires: Four (4) Goodyear G647 Tubeless Radial
- Tire Size: 245/70R19.5G (14 PR)
- Wheels: 19.5" x 6" 1 pc 10-Hole ISO Steel Disc

Steering System

- Type: Integral Power Steering
- System: Ross TAS-37 Gear
- Reservoir: Integral to Pump



Standard Features (cont.)

Cab System

- Type: Low Cab Forward, Tilt Cab Design
- Trim Package: Manufacturer's Standard
- Seat Type: Heavy Duty Vinyl Driver Bucket Seat with 2-Man Passenger Seat
- Flooring: Full Width Heavy Duty Vinyl with Insulation Package
- Grab Handles: Two (2) Interior Adjacent to the Doors
- Sun Visors: Dual Interior Type
- Glass: All Windows Shall Be Tinted Glass
- Door Trim: Color Keyed Interior Door Trim
- Windshield Wipers: Intermittent Electric Type
- Heater/Defroster: Variable Speed Fresh Air Type
- Interior Light: Dome Light – Door Activated
- Exterior Mirrors: Two (2) 11.5" x 6" West Coast Style
- Auxiliary Mirrors: Two (2) Steel Convex Type Mounted Below Primary Mirrors
- Lighter: Dash Mounted
- Horn: Dual Note Electric Type
- Gauges: Oil Pressure, Voltmeter, Coolant Temperature, Fuel Level, Tachometer, Speedometer, Odometer
- Backup Alarm: Electronic, 102db
- Seat Belts: Belts for All Seating Positions
- Radio: AM/FM Stereo with Clock

Equipment Transfer

- Radio: Transfer Two-Way Radio and Antenna
- Siren: Transfer Siren and Speaker
- Warning Lights: Transfer Warning Light System and Control Panel
- Accessories: Transfer All Other Accessories (Mobile Data Terminal, Lo-Jack Tracking Device and Additional Radios as well as other items listed shall be installed in accordance with the Optional Equipment/Service Price)
- Standards: The installation of all equipment shall be performed by fully qualified technicians with a demonstrated ability in the maintenance and repair of public safety communications and emergency warning equipment.

