



## Item XXII: F450 Chassis 4x2 \_16000 GVW 4x2 Standard Size Cab & Chassis

### Standard Features

#### Estimated Quantity

- 100

#### General

- Heavy Duty Cab & Chassis Designed for Municipal Service
- Current Model Year

#### Dimensions

- Wheelbase: 141"
- Cab to Axle: 60"
- Overall Height: 80"
- GVW Ratings: 16000 lbs.
- Payload: 9000 lbs.

#### Engine

- Engine Type: Ten Cylinder Gasoline Engine
- Fuel System: Sequential Multi-Port Electronic Fuel Injection
- Displacement: 6.8 Liters V/10
- Bore and Stroke: 3.55" x 4.16"
- Compression Ratio: 9.2:1
- Net Horsepower: 362 hp @ 4750 rpm
- Torque Ratings: 457 ft. lbs. @ 3250 rpm
- Fuel Filter: In-Line Cartridge Type
- Fuel Tank: 40 Gallon Capacity
- Exhaust: Single Aluminized System
- Belt Drive: Single Ply V Belt
- Emissions: Massachusetts Standards



## Standard Features (cont.)

### Cooling System

- Type: Heavy Duty for Extended Service
- Radiator: Minimum 857 sq. in. Frontal Area with Integral Recovery System
- Oil Coolers: External Type for Transmission
- Hoses: Heavy Duty Heater and Radiator Hoses
- Coolant: Protected to -30° F
- Fan: Eight Blade

### Electrical System

- Type: 12 Volt Negative Ground with Factory Noise Suppression System
- Battery: Heavy Duty 78 Amp Hour Battery (750 CCA)
- Alternator: Heavy Duty 110 Amp with Integral Regulator
- Starter Motor: Heavy Duty Cranking Motor with Electronic Over Crank Protection Circuit
- Headlamps: Seal Beam Halogen

### Transmission and Drivetrain

- Type: Five Speed Electronic Overdrive with Operator Activated Cancel Switch Located on Shift Lever
- Axle Ratio: 4.88:1
- Auxiliary Cooler: Auxiliary Transmission Oil Cooler Minimum 50 Plates

### Braking System

- Service Brakes: 4 Wheel Anti-Lock Brakes
- Front Brakes: 14.53" Diameter Disc Type
- Rear Brakes: 15.35" Diameter Disc Type
- Anti-Lock: Four Wheel Brake ABS System
- Emergency Brake: Pedal Activated with Manual Release

### Steering System

- Type: Variable Ratio Power with Fluid Cooler



## Standard Features (cont.)

### Frame and Suspension

- Front Axle: Dana Twin-I Beam with 7000 lb. Capacity @ Ground
- Rear Axle: 12000 lb. Capacity @ Ground
- Front Springs: 5000 lb. capacity Front with Coil Type Springs
- Rear Springs: 12000 lb. Leaf Type
- Shock Absorbers: Heavy Duty 1.38" Diameter Gas Pressured
- Stabilizer Bars: Heavy Duty Front & Rear
- Frame: Single Channel Ladder Type with Six Cross Members
- Material: 36,000 psi Steel Frame with 8.7 cu. in. Section Modules

### Tires and Wheels

- Quantity: Seven (7) Including Spare
- Size: 225/70RX19.5 All Season Radial
- Rims: 19.5" x 6" Steel 10-Hole
- Accessories: Jack and Lug Wrench

### Interior

- Color: Flint Gray Unless Otherwise Specified by Purchasing Authority
- Seats: Heavy Duty Vinyl Bench
- Floor Covering: Heavy Duty Insulated Vinyl
- Radio: AM/FM Radio with Digital Clock
- Lights: Interior Dome Light, Headlights on Alert, Glove Box Light
- Air Conditioning: Factory Standard
- Gauges: Tachometer, Oil Pressure, Transmission Temperature, Water Temperature, Fuel Level
- Electrical Outlets: Cigarette Lighter with Auxiliary Power Point Electrical Outlet
- Wipers: Intermittent with Washer
- Insulation: Cab Insulation and Headliner Package
- Heater: High Output Three Speed Electric with Side Window Defrosters
- Vents: Integral Dash Mounted Vents
- Locks: Manual Door Locks
- Hood: Interior Hood Release



## **Standard Features (cont.)**

### **Exterior**

- Paint: Base Coat/Clear Coat
- Color: White with 10" Blue Stripe Front to Rear Including Around Trunk
  - White - Dupont No. 43326A
  - Blue - Dupont No. 565H
- Mirrors: Dual Black 6" x 9" Manual Trailer Tow with Convex Sections
- Front Bumper: Steel Contoured Type
- Glass: Heat Absorbing Tinted Windows
- Roof Lights: Five (5) Amber Cab Clearance Lights
- Fill Assemblies: Fuel Fill Assemblies for Body Equipment

### **Lettering and Insignia**

- Material: Scotchlite Series 580 Reflective Sheeting
- Front Fenders: White (6"x1") Town Name; White (5"x1") Vehicle Unit Number
- Roof: Orange (18"x3") Vehicle Unit Number
- Door Seal: To Be Furnished by Buyer
- Variations: Minor Variations in Color, Size and pattern Shall Be at the Discretion of the Buyer

### **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.

