

PUBLIC AUCTION

The Town of Montville will hold a Public Auction on March 18, 2016 at 2:00 PM to dispose of a 1986 Ford LN-8000 Rescue Truck. Auction will be held at the Public Works garage, 225 Maple Ave, Uncasville, CT.

The minimum acceptable bid shall be \$20,000.00. Each bidder shall be required to deposit cash or a certified or bank cashier's check in the amount of \$2,000.00, which deposit shall constitute a down payment toward the final purchase price. The Town of Montville shall have the right to reject any and all bids at any time within 30 days of the auction. Upon rejection of bid the deposit will be returned to the bidder within five (5) business days after rejection. Title will be held for purchase paid by check until check clears.

Additional specifications for the rescue truck are available at www.montville-ct.org.

CHASSIS SPECIFICATIONS

Manufacturer: Ford Motor Co. model LN-8000
conventional with tilt-type hood

G. V. W. 35,000# Wheelbase: 186"

FRONT AXLE 12,000#
REAR AXLE 23,000#

FRONT SPRINGS: 12,000#
REAR SPRINGS: 23,000#
AUXILIARY: 4,000# minimum

ENGINE: 225 hp min. turbo charged, Cat diesel
13 cubic foot air comp., quick build-up

ALTERNATOR: standard 165 amp

STEERING: Power
TIRES: 11:00x20, 14 ply radial Hiway on front
mud and snow on rear

WHEELS: *Cromy* Disc type, 10 hole *ok*
BRAKES: Full air, S-Cam, 16-1/2 x 7 rear
15 x 4 front
extra 1200 cu. in. air tank

PARKING BRAKE: Maxi or Anchorlok type air
AIR DRYER: C. & R. IND. Model #70 or equal *Mod 62*

FUEL TANK: 50 gal. step
TRANSMISSION: Allison Model 653 Auto.

CAB: Conventional cab with high output
heater and defroster, tinted glass,
two (2) cab assist handles, sunvisors
and arm rests, pedestal cab lites.

CAB SEATS: *ok* Air ride drivers seat, adjustable;
fixed suspension passenger seat

MIRRORS: Dual chrome or stainless steel West Coast

INSTRUMENTATION: All gauges: fuel, air, oil pressure,
water temp., trans. temp., voltmeter,
amp. meter, tachometer, speedometer,
odometer, and engine hour meter
(oil and air to have alarm)

WIPERS: Air ✓
GRILL: chrome ✓
SHOCK ABSORBERS: Heavy duty front and rear
REAR AXLE: 4:88 ratio Eaton or Rockwell (app. 68 mph)
Air HORNS: Dual (one each side)
Starting: button (in lieu of key system)
FRAME: 110,000PSI reinforced frame, double C type

OVERALL APPARATUS DIMENSIONS AND REQUIREMENTS

Wheelbase:	186"
Cab to axle dimension of chassis	120"
Overall length of apparatus:	319"
Overall length of apparatus body, including rear step:	192"
Overall length of enclosed section of apparatus body:	164"
Overall apparatus width:	96"
Rear step depth:	24"
Rear step height from ground:	22"
Overall height of apparatus:	117"
Interior walkway height:	72"
Interior walkway length:	131"
Interior body width:	92"

Note: Estimated measurements, dependent on chassis components, axles, tires, frame, and suspension.

GENERATOR INSTALLATION 120/240 VOLTS

The apparatus shall be equipped with a complete power plant system. The complete wiring and generator installation shall conform to present National Electrical Code standards of the National Fire Protection Association. The system shall be installed by highly qualified electrical technicians to assure the required level of safety and protection to operators.

Since the specified generator is available to all manufacturers, only this unit will be acceptable.

Manufacturer:	ONAN CORPORATION
Model:	12.0 DJC-3-CR
Rating:	12,000 watts
Voltage:	120/240 volts
Amperage:	50 amps
Hertz:	60 cycles
Phase:	Three (3)
Wire:	Four (4)

Voltage Waveform

The voltage waveform deviation factor is less than .06 per NEMA MG 1-22.42. Telephone influence factor (TIF) is less than 40 per NEMA MG1-22.43.

Temperature Rise

At rated load, temperature rise is within NEMA MG1-22.40 definition.

Insulation system

Class F per NEMA MG1-1.65 definition. Insulating varnish conforms to MIL-124092. Type M class 155.

Governor

Cam gear driven, adjustable, mechanical flyball. Stability is within 0.33 percent, at rated load. Speed regulation 5 percent maximum no load to rated load. Pressure lubricated.

Lubricated system

Positive displacement, lube oil pump. Full pressure lubrication to main and connecting rod bearings. Spin-on full flow, lube oil filter with bypass. Oil pressure gauge; dipstick. Capacity 6.5 qt. including filter. Lower pressure shutdown.

Starting system

Remote, 12 volt, 2 wire negative ground. Solenoid shift starter. Preheat time delay, Remote starting. Cranking limiter. Use (12 volt, 2 wire) Automatic transfer switch for Standby service.

Bearings

Three main bearings are steel backed bronze sleeves. Trimetal connecting rod bearing. Replaceable precision inserts.

Connecting Rod and Crankshaft

Forged steel rods drilled for lubrication and piston heat reduction. Ductile iron crankshaft.

OUTLETS AND CIRCUIT BREAKERS (CONT)

The following interior outlets installed:

Two (2) 120 volt outlets with duplex, household type receptacles. one at each end of interior walkway.

Note: 120 volt three prong twist-lock outlets shall be installed with 15 amp breaker for each outlet and receptacle for each outlet.

Additional outlets and circuit breaker controls:

One (1) full power outlet 220 volt located under the circuit breaker panel in compartment #1.

Four (4) 15 amp circuit breakers for floodlights, one for each pair of lights 120 volts.

Two (2) 20 amp circuit breakers for cable reels, 120 volts to each reel.

WINCH ELECTRIC

The fire apparatus shall be equipped with one (1) heavy duty winch installation. These units will be a RAMSEY WINCH CO. model #8000 lb. series electric driven unit.

Performance of the winch shall be as follows:

Rated line pull	8000 lbs.
Breaking strength	12000 lbs.

The winch shall be equipped with 150 feet of 5/16" cable. The cable will end in a clamped type loop with drop forged heavy duty hook. The front of extended platform shall be equipped with full captive type four-way roller and guide assembly for winch cable.

The winch shall be equipped with free spooling feature for quick unwinding of cable to emergency scene. A remote operating cable is required.

The front bumper of the chassis shall be extended approximately 18"-24" for the installation of the winch and working platform. The panels surrounding the winch shall be heavily reinforced aluminum tread plate, with outside edges of panels broken to same width as bumper, one tool compartment each side of winch of all aluminum construction with hinged aluminum tread plate doors.

The front of the chassis shall be extended with heavy steel and channel to support winch installation, fully welded in place for strength. The winch shall be bolted in place for easy removal for servicing.

Operation of the winch shall be accomplished from a 12 ft. control cable located at the fire departments direction.

OUTLETS AND CIRCUIT BREAKERS (CONT)

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