

# **SPECIFICATIONS DESCRIBING A NEW ONE TON UTILITY TRUCK (1996 FORD SUPER DUTY 4 x 2) OR EQUAL BRIDGE CREW TRUCK**

## **GENERAL**

It is the intent and purpose of these specifications to describe a one ton utility truck.

## **BODY**

Service body shall be heavy-duty fabricated of 12 gauge galvanized steel, 4-way diamond floor plate. With a cab to axle measurement of - 2131.6 cm. (84").

All compartments shall be weather proof, doors will be 14 gauge galvanized steel and is one piece with a full perimeter hem and reinforcing.

The latches are to be polished stainless steel, rotary-type door latches that are removable, and all locks are keyed alike. The hinges are all stainless steel with nylon bushings and full-length plated rods.

The body length shall be 340.36 cm. (134").

The body width shall be 233.68 cm. (92").

The body height shall be 111.76 cm. (44") except for the forward curb side compartment which will be 152.4 cm. (60").

The bed width shall be 132.08 cm. (52").

The compartment depth shall be 53.34 cm. (21").

The body will have three (3) vertical doors and one (1) horizontal door on each side-pack with an 35.56 cm. (14") tailgate workbench.

There shall be a full length drip rail over compartment doors.

Horizontal doors will have chain style limiters.

Vertical doors will be spring loaded, positive top retainers to hold the doors open.

All compartment doors shall have automotive, continuous bulb-type weatherstripping.

Lights and reflectors in accordance with FMVSS #108:

Modular lighting package - all wiring connections soldered and enclosed in shrink-tubing. All wire ends are tinned before insertion into plugs. All plug connections are completely sealed and weather proof. Entire assembly is enclosed in a continuous plastic loom to form a one-piece harness. Lighting package is completed with sealed polycarbonate lenses and housings affording superior impact and heat protection, flush-mounted in rubber grommets, as follows:

Two (2) clear back up lights.

Two (2) red stop/turn/tail lights.

Seven (7) 6.35 cm. (2-1/2") diameter red clearance lights.4. Seven (7) 7.62 cm. (3") grommets mount kits.

License plate light.

Wiring harness assembly.

Backup alarm, wired through backup light.

Lumber rack design and installation location shall be approved by the *Your Agency* before installed.

There shall be a storage shelf installed inside the bed. It shall be supported to withstand a person

walking on it without bending. It shall be 15.875 cm. (6 ¼") deep and the full width and length of the bed.

The width of the compartments shall measure as follows, from street side to curbside:

20.32 cm. (8")

12.7 cm. (5")

22.86 cm. (9")

22.86 cm. (9")

27.94 cm. (11")

20.32 cm. (8")

The length of the compartments shall measure as follows, from street side to curbside:

83.82 cm. (33")

170.18 cm. (67")

193.04 cm. (76")

160.02 cm. (63")

193.04 cm. (76")

83.82 cm. (33")

The remaining area, forward of the above storage shelf, shall be a storage area with a hinged lift door. Provide a hasp for a padlock. The hinge is to be all stainless steel with nylon bushings and full-length plated rods. There shall be four (4) recessed tie downs on the sides of this storage area

The storage shelf design and installation shall be approved by the *Your Agency* before installation begins.

There is to be a "tool holder" installed on top of the curbside body. The tool holder design and installation shall be approved by the *Your Agency* before installation begins.

There is to be a "sign rack" installed as per specifications in Drawing #4. The sign rack design and installation shall be approved by the *Your Agency* before installation begins.

## **STREET SIDE COMPARTMENTATION**

The left front compartment shall be 42" high, 34" wide, x 21" deep with two (2) adjustable shelves. The left vertical compartment shall be 42" high, 24" wide, x 21" deep with three (3) adjustable shelves and four (4) roll out tool box trays.

The left horizontal compartment shall be 24 ¾" high, 48" wide, 21" deep with one (1) permanently installed shelf. This shelf shall continue through the left rear compartment to be 60" in length. (Shelf location and installation to be agreed on by the *Your Agency* prior to installation).

The left rear compartment shall be 42" high, 26" wide, x 21" deep with two (2) adjustable shelves.

## **CURBSIDE COMPARTMENTATION**

The right front compartment shall be 152.4 x 45.7 x 53.3 cm. (60" high, 41 ½" wide, x 21") deep with oxygen and an acetylene tank bracket installed.

The right vertical compartment shall be 111.8 x 45.7 x 53.3 cm. (44" high, 18" wide, x 21") deep with ten (10) bolt drawers with adjustable dividers. Drawers shall be 10.16 cm (4") high. Bolt drawers to full extension ball-bearing glides with full width drawer pulls.

The right horizontal compartment shall be 62.8 x 119.4 x 53.3 cm. (24 ¾" high, 47" wide x 21") deep with one (1) adjustable shelf and chain stops.

The right rear compartment shall be 111.8 x 68.8 x 53.3 cm. (44" high, 27" wide, x 21") deep with three (3) adjustable shelves and chain stops. *The lower one quarter of the compartment door shall be louvered to provide for fresh air.*

Tail lights color coded and mounted in sealed-type rubber grommets shall be installed.

The rear platform (bumper) shall be 12 ga. diamond plate with minimum of 15.24 cm. (6") in height.

## ACCESSORIES

2-volt fluorescent light in each compartment with a manual on-off switch. Master on-off switches to be located in the cab. *Each light will be guarded to protect from breakage.*

Whelen DOT-3 Strobe System.

A. Overhead strobes, mounted on lumber rack, switched independently.

B. Rear strobes, mounted in the back of the body, switched independently.

Two (2) work lights, one on each side of the cab guard.

Wheel chocks - two (2) one on each side.

A vice mounting bracket. Mounted as shown in Drawing #1.

30.48 cm. (12") rear workbench rear workbench the width of the body.

A Dynamote Brutus (Model #TB30-12 w/Q.D. 4320 Btu/min. (2800 watt)) static inverter with quick-disconnect cable and hardware kit. GFI protected. Installed with a 110 volt, 90 plug. This unit will be installed in the left rear curbside compartment.

GFI protected duplex outlets, right and left rear of body.

a. Two (2) duplex receptacles.

b. Two (2) bellboxes.

c. Two (2) duplex covers vertical.

T60A0L or equal Pintel type hitch with two "D" rings.

An 5443.1 kg. (12,000 lb.) Warnen - with remote control, or equal, winch shall be installed on the front bumper.

## INSTALLATION

Color to be White. A minimum of one coat of primer will be applied followed by three top coats of a high quality automotive acrylic enamel.

Paint complete unit to match the cab. Apply non-skid, **painted on materials**, tape will not be accepted, to all walking surfaces.

## TRUCK CAB AND CHASSIS - 1996 Ford Super Duty 4 x 2 - or equal

G. V. W. R. - 6803.88 kg. (15,000 lbs.) capacity.

Front axle - 2267.962 kg. (5,000 lbs.) capacity.

Rear axle - 4989.516 kg. (11,000 lbs.) capacity.

Cab to axle - 2131.6 cm. (84").

Engine - Minimum 6.5L turbo diesel.

The transmission shall be a 4 speed automatic.

Fuel tank -128.69 liters (34 gallon) total capacity.

Steering - Full power steering.

Tires, radial, highway tread front, traction tread rear, as required to meet axle ratings. Tires shall be front and rear radials.

Interior - AM/FM stereo radio, with two (2) speakers (to include a digital clock), bench seat, full

gauge package.

Air conditioning.

Fresh air heater w/integral windshield defroster and central controls.

Convex mirrors dual Delbar, or equal, 15.24 cm. (5 7/8") #HR5 Bright finish mounted on each side.

Stainless steel mirrors 17.78 x 40.64 cm. (7" x 16") (Prutsmann #MP716S) or equal. Brake away mounted on each side.

Alternator, 130 AMP.

Two (2) batteries 850 CCA each.

Fire extinguisher, 2.267962 kg. (5 lb.), ABC type, with a bracket, mounted in first street side compartment.

Windshield Wipers and wipers with intermittent speed control.

Steering wheel shall be tilt type.

## **POST PRODUCTION**

Test completed unit for operation.

Weigh completed unit after paint.

Registered to *Your Agency*, exempt.

## **STANDARD FEATURES**

Basic body fabricated from hot-dipped, galvanized steel with 100% iron zinc alloy coating.

All doors are full, double paneled, self-sealed with built-in drainage.

All doors contain flush type, single point locks with recessed handles, including keyed locks and two-stage strikers.

Heavy-gauge welded steel base construction with safety tread floor.

All edges either rolled or folded for strength and safety.

Door header drip rail at top for maximum weather protection.

Steel treated for superior primer adhesion and rust resistance.

Automotive underseal applied to body.

All drawers to have full extension ball-bearing glides with full width drawer pulls.

All shelving shall be heavy duty with dividers made from 16 ga. high-spangled galvanized steel.

## **GENERAL TERMS AND CONDITIONS**

Net 30 days.

Warranty: One (1) year parts and service for service body either at the dealer's location or in the field depending on the severity of the problem. Manufacturers' standard warranty on the cab and chassis.

## **INSURANCE:**

The following insurance coverage and endorsements will be required of the Contractor:

Comprehensive General Liability Insurance, on an occurrence form, with limits not less than \$1,000,000 each occurrence, Combined Single Limit for Bodily Injury and Property-Damage, including coverage for Contractual Liability, Personal Injury, Broad Form Property Damage, Products and Completed Operations Coverage, Mobile Equipment, Sudden and Accidental Pollution.

Comprehensive or Business Automobile Liability Insurance on an occurrence form with limits not less than \$1,000,000 each occurrence, Combined Single Limit for Bodily Injury and Property

Damage, insuring all owned, no-owned and hired autos, as applicable, including coverage for Sudden and Accidental Pollution.

Garage Keeper's Legal Liability Insurance with limits not less than \$500,000 each occurrence, including coverage for Fire, Theft, Collision, Explosion, Riot and Civil Commotion, Vandalism and Malicious Mischief.

Insurance against loss or damage to contents of vehicles with limit not less than \$5,000 each vehicle for property usually or customarily carried in vehicles. This insurance may be included as part of another policy.

Worker's Compensation, with Employer's Liability limits not less than \$1,000 each accident. Any deductibles in policies listed above shall not exceed \$5,000 each occurrence.

Specifications subject to change without notice.