VIN: 1FDNF7DC1MDF08019 | Price Level: 120 | Stock No: 289717



# **Client Proposal**

Prepared by: Jeb Darhower Office: 302-656-3160

Date: 11/01/2021





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# Warranty

## **Standard Warranty**

| Basic                 |                 |        |           |
|-----------------------|-----------------|--------|-----------|
| Distance              | Unlimited miles | Months | 24 months |
| Powertrain            |                 |        |           |
| Distance              | Unlimited miles | Months | 24 months |
| Corrosion Perforation |                 |        |           |
| Distance              | Unlimited miles | Months | 36 months |
| Roadside Assistance   |                 |        |           |
| Distance              | Unlimited miles | Months | 24 months |
| Diesel Engine         |                 |        |           |
| Distance              | 250,000 miles   | Months | 60 months |
| Transmission          |                 |        |           |
| Distance              | 250,000 miles   | Months | 60 months |
| Frame Rail            |                 |        |           |
| Distance              | Unlimited miles | Months | 60 months |
|                       |                 |        |           |



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## As Configured Vehicle

## **Description**

## **Base Vehicle**

Base Vehicle Price (F7D)

## **Engines**

6.7L Power Stroke V8 Turbo Diesel - 270 HP @ 2400 RPM

Includes Engine Exhaust Brake and manual regen capability. Torque: 700 ft.lbs. @ 1500 rpm.

Governed RPM: 3200. Includes CARB clean idle label - may be removed if un-necessary.

50-State Emissions

Engine Block Heater, Phillips, 120 Volt/750 Watt

### **Transmissions**

Ford TorqShift HD 6-Speed Automatic - Double Overdrive, less PTO Provision, less Park Pawl

Transmission Power Take-Off Provision w/LiveDrive Capability and Tow/Haul

## **Front Wheels & Tires**

Wheels, Front 22.5x8.25 White Powder Coated Steel, 10-Hole

(285.75MM BC) hub piloted, flanged nut, metric mount, 8.25 DC rims; with steel hubs.

Tires, Front Two 11R22.5G Goodyear Fuel Max RSA (497 rev/mile)

### **Rear Wheels & Tires**

Wheels, Rear 22.5x8.25 White Powder Coated Steel, 10-Hole

(285.75MM BC) hub piloted, flanged nut, metric mount, 8.25 DC rims; with steel hubs.

Tires, Rear Four 11R22.5G Goodyear Fuel Max RTD (493 rev/mile)

### **Brakes**

## Hydraulic Brake System - Bosch HydroMax w/Traction Control

Full power with automatic adjustment, 4-channel ABS antilock brake system. Includes 12" x 3" (Bosch) DSSA type rear axle mounted parking brake, Orscheln lever control, right of driver.

### Trailer Connection Socket - 7-Way, Wired for Turn Signals, Separate of Stop

Mounted at rear of frame, for separate trailer stop, tail, turn, marker light circuits. Includes electric trailer brake accommodation package with cab connections for mounting customer installed electric brake unit.

### Front Axle and Suspension

12,000 lb. Cap. Non-Driving - Dana E-1202I - I-Beam Type



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# As Configured Vehicle (cont'd)

## **Description**

Taper-Leaf Springs, Parabolic - 12,000 lb. Cap

2-leaf, 62" x 3.15". Also includes, standard duty, dual, double acting shock absorbers.

## **Rear Axle and Suspension**

21,000 lb. Single Reduction - Open - Dana / Spicer 21060S

NOTE: When specifying an axle ratio, check performance guidelines for startability and gradeability.

Multi-Leaf Springs - 23,000 lb. Cap

11-leaf. Includes 2,000 lb auxiliary springs for load stabilization.

6.17 Axle Ratio

#### Wheelbase

194" Wheelbase/120" CA/75" AF/308" OAL

#### **Frame**

Single Channel - Straight 'C' 20.11 SM, 120,000 PSI

2,413,200 RBM. Heat treated alloy steel; 10.375" x 3.705" x 0.438" (263.5mm x 94.1mm x 11.1mm).

Special Rating GVWR - Limited to 25,999 lb. GVWR

#### **Exhaust**

Under Cab, Right Side Outlet, Switchback-Style

Single, horizontal muffler, right side, under cab, outside of frame rail with rear discharge.

### **Fuel Tanks**

Fuel Tank - LH 50 Gallon Rectangular - Aluminum

12 Gal. Single Tank Fuel Fill. Mandatory Charge Applied, Based On Tank Selection

## **Electrical / Alternator / Battery**

Extra Heavy Duty Alternator - 12-Volt, 200 Amp Denso SC5

Jump Start Stud - Remote Mounted

Battery - Two 900 CCA, 1800 Total, Includes Steel Battery Box

12 Volt, Motorcraft.

Body Builder Wiring - At Back of Cab, Separate - (ILO Standard - Back of Cab Combined)

Includes sealed connectors for 2 ground circuits, with separate left/stop, separate right/stop, back up lamps. Also includes 2 additional pass through wires to cab.



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# As Configured Vehicle (cont'd)

## **Description**

### **Seats**

40/20/40 Fixed Driver & Fixed Passenger w/Unique 20% Fold-Down Console - Vinyl

### Cab Interior

### Preferred Equipment Package 600A

- Bumper, Front Black, Full Width
- Wheel Seals, Front Oil lubricated, SKF ScotSeal PlusXL Seals
   Wheel Seals, Rear Oil lubricated, SKF ScotSeal PlusXL Seals
   Manual Regen Initiation Driver Interface in Message Center
- Engine Exhaust Brake
- Extra Heavy Duty Alternator 12-Volt, 200 Amp Denso SC5
- Painted Grille Plastic
- Lights Roof Marker/Clearance Amber Lenses, 5 Lights
- Tow Hooks, Front (2) Frame-Mounted, Painted Black Four Body Builder Switches Mounted in Center Instrument Panel
- With connector access located in engine compartment. Amperages vary by switch: 10, 15, 25, 25.
- Floor Covering Black Vinyl Intelligent Oil Life Monitor

- Steering Column Tilt / Telescoping Steering Wheel Black PVC w/Integral Cruise Control Switches, includes Audio Controls

#### 110 A/C Outlet - in Lower Center Finish Panel

Radio: AM/FM Stereo w/2 Speakers, USB input, Clock Display and Bluetooth

### Cab Exterior

Mirrors, Dual - Rectangular, XL2020 - 96" Width

Integral spot mirror, sail type, manual fold, solid black finish.

### Ship-Thru

## **Pre-Delivery Inspection**

Selection requires that you also choose either (314) or (31F) or (31V) to have the Inspection performed. Required with any final Ship-To that is not a dealer.

Ship-Thru - Manning

MAY be selected w/o adding (21A). For MODIFICATIONS ONLY, Dealer must make arrangements directly with Manning (please use CVT Resources for add. Info).

### Miscellaneous

Paint Type - Environmentally Friendly, "3 - Wet System"

#### Interior Color

Gray





Prepared by: Jeb Darhower 11/01/2021

2021 F-750 Diesel Regular Cab Base (F7D)

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# As Configured Vehicle (cont'd)

## **Description**

### **Exterior Color**

Oxford White

## **Upfit Options**

14'LX72"TX96"W

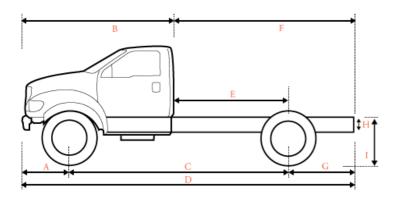
"L" SHAPPED TOOL BOX -72"WX51"HX96"D 4-HEAD AMBER STROBE SYSTEM HOT SHIFT PTO 20K TOW PACKAGE, T-60 PINTLE HOOK SLIDING ROOF CHIP BOX WITH CUTOUT

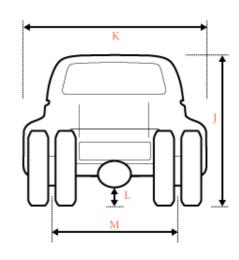


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# Vehicle Dimension and Performance Summary

Performance predictions in this report represent an estimate of vehicle performance based on standard operating conditions. Variations in customer equipment, load configuration, ambient conditions, and/or operator driving techniques can cause significant variations in vehicle performance. These values are not representative of results that may be shown in actual dynamometer tests. This report should therefore be used as a guide for comparative vehicle performance.





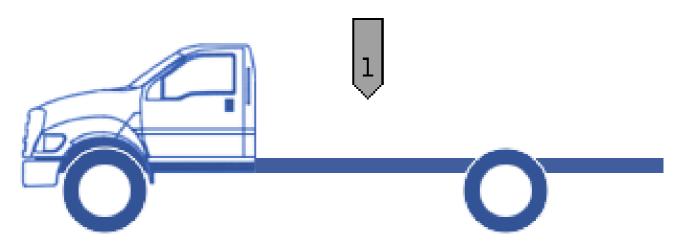
### **Dimensions**

| Α | Front of Bumper to Front Axle     | 39.00 in.  |
|---|-----------------------------------|------------|
| В | Front Bumper to Back of Cab (BBC) | 113.00 in. |
| C | Wheelbase (WB)                    | 194.00 in. |
| D | Overall Length (OAL)              | 308.00 in. |
| E | Back of Cab to Rear Axle (CA)     |            |
| F | Back of Cab to End of Frame       |            |
| G | Rear Axle to End of Frame (AF)    | 75.00 in.  |
| H | Frame Section Height              | 10.40 in.  |
| 1 | Rear Frame Height Unloaded        | 38.20 in.  |
| 1 | Rear Frame Height Loaded          | 36.80 in.  |
| J | Cab Height                        | 94.30 in.  |
| Κ | Body Width                        | 96.70 in.  |
| L | Maximum Ground Clearance          | N/A        |
| L | Minimum Ground Clearance          | N/A        |
| M | Front Tread                       | 83.80 in.  |
| M | Rear Tread                        | 72.60 in.  |



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# Vehicle Dimension and Performance Summary (cont'd)



## Weight

## Licensing

GVWR does not exceed 26,000 lbs and may not require a Commercial Driver's License (CDL). Contact your local state commercial driver licensing office for specifics on what your state requires.

| GVW                           | Front Axle | Rear Axle  | Totals     |
|-------------------------------|------------|------------|------------|
| Chassis                       | 6,588 lbs  | 4,027 lbs  | 10,615 lbs |
| Body                          |            | 0 lbs      | 0 lbs      |
| Occupants Weight              |            | 100 lbs    |            |
| 1 Max Payload - (Max Payload) | 5,212 lbs  | 9,872 lbs  | 15,084 lbs |
| TOTAL                         | 12,000 lbs | 13,999 lbs | 25,999 lbs |
| Ratings                       | Front Axle | Rear Axle  | GVWR       |
| GAWR                          | 12,000 lbs | 21,000 lbs | 25,999 lbs |
| Wheels/Tires                  | 12,350 lbs | 23,360 lbs |            |
| Suspension                    | 12,000 lbs | 23,000 lbs |            |
| Axle                          | 12,000 lbs | 21,000 lbs |            |
| Legal Axle Limit              | 0 lbs      | 0 lbs      |            |

## Front And Rear GAWR Total Will Exceed Overall GVWR



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# Vehicle Dimension and Performance Summary (cont'd)

## Start, Grade and Speed

## **Shift Indicator**

Vehicle equipped without Park Pawl. Shift indicator will display RNDM.

| Start   | Ratio     | Desired           | Calculated           |
|---|-----------|-------------------|----------------------|
| Start grade capability in 1st gear  | 3.97      | 15.00 %           | 28.14 %              |
| Start grade capability in reverse   | 3.13      | 15.00 %           | 22.15 %              |
| Grade   | Ratio     | Desired           | Calculated           |
| Maximum grade in 4th gear   | 1.15      | 3.00 %            | 8.79 %               |
| Maximum grade in 5th gear   | 0.86      | 3.00 %            | 6.57 %               |
| Maximum grade in 6th gear   | 0.67      | 3.00 %            | 5.16 %               |
|   |           |                   |                      |
| Speed   |           | Desired           | Calculated           |
| Speed Top Speed (level grade)   |           | Desired<br>75 mph | Calculated<br>94 mph |
|   |           |                   |                      |
| Top Speed (level grade)  To meet your requirement you need a maximum axle ratio |           |                   |                      |
| Top Speed (level grade)  To meet your requirement you need a maximum axle ratio | o of 7.70 | 75 mph            |                      |

## Variables in Use

| Rear axle ratio:            | 6.17/6.17          | Governed RPM:      | 3,200 rpm       |
|-----------------------------|--------------------|--------------------|-----------------|
| Tire size:                  |                    | Frontal Area:      | 57.28 Sq.Ft.    |
|                             | rev/mile)          | Cruising RPM       | 2,300 rpm       |
| Gross Vehicle Weight (GVW): | 25,999 lbs         | Worst road surface | Typical Highway |
| Clutch engagement torque:   | 350 ft.lbs.        | Final Drive Ratio: | ,, ,            |
| Torque conversion ratio:    | 1.85               | Drag Coefficient   | 0.80            |
| Peak engine torque:         | 700 ft.lbs.        | Drag Commont.      | 0.00            |
| Engine Power:               | 270 hp @ 2.400 rpm |                    |                 |

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



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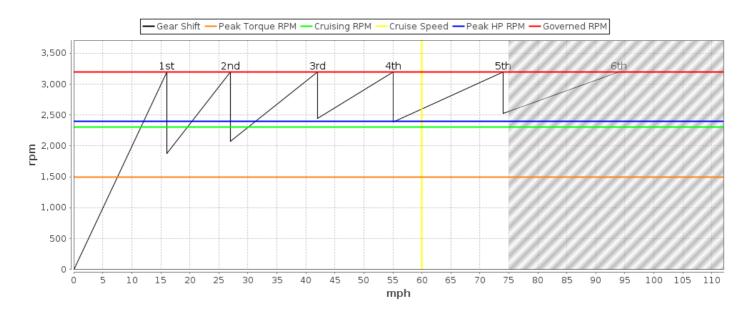
# Vehicle Dimension and Performance Summary (cont'd)

## Shift Chart

Shift Chart displays mathematical geared speed.

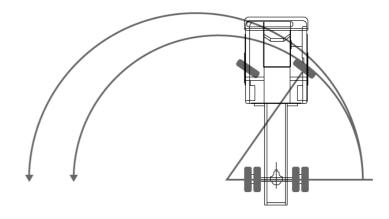
Diesel engines use Governed RPM for shift points.

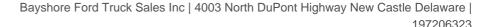
Gas engines use Peak Torque RPM for shift points.



# Turning Radius

Turning radius to curb: 26.31 ft
Turning radius to bumper: 27.89 ft





Prepared by: Jeb Darhower 11/01/2021



2021 F-750 Diesel Regular Cab Base (F7D)

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## **PRICING**

PRICING - \$ 94,926.00