

Prepared for: Mr. Jason Bennett, Director of Business Development, NC Sheriff's Association

2022 F-450 4x4 SD Crew Cab 8' box 176" WB DRW XL (W4D)

Price Level: 235



Client Proposal

Prepared by:
SPENCER WOOD
Office: 336-668-2401
Quote ID: NCSA217W4D
Date: 08/28/2021



Piedmont Truck Center, Inc. | 412 South Regional Road, Greensboro, North Carolina,
274099308

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Director of Business Development, NC Sheriff's Association

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**2022 F-450 4x4 SD Crew Cab 8' box 176" WB DRW XL (W4D)**

Price Level: 235 | Quote ID: NCSA217W4D

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
W4D	Base Vehicle Price (W4D)	\$58,560.00
Packages		
670A	Order Code 670A <i>Includes:</i> - Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 Includes manual push-button engine-exhaust braking and intelligent oil-life monitor. - Transmission: TorqShift 10-Speed Automatic Includes SelectShift and selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery. - Limited Slip w/4.30 Axle Ratio - GVWR: 14,000 lb Payload Package - Tires: 225/70Rx19.5G BSW Traction Spare may not be the same as road tire. - Wheels: 19.5" Forged Polished Aluminum 4 aluminum outer and 2 steel inner. Includes bright hub covers/center ornaments. - HD Vinyl 40/20/40 Split Bench Seat Includes center armrest, cupholder, storage and driver's side manual lumbar. - Radio: AM/FM Stereo w/MP3 Player Includes 4 speakers. - SYNC Communications & Entertainment System Includes enhanced voice recognition with 911 Assist, 4.2" LCD center stack screen, AppLink and 1 smart-charging USB-C port.	N/C
Powertrain		
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 <i>Includes manual push-button engine-exhaust braking and intelligent oil-life monitor.</i>	Included
44G	Transmission: TorqShift 10-Speed Automatic <i>Includes SelectShift and selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery.</i>	Included
X4L	Limited Slip w/4.30 Axle Ratio	Included
STDGV	GVWR: 14,000 lb Payload Package	Included
Wheels & Tires		
TGL	Tires: 225/70Rx19.5G BSW Traction <i>Spare may not be the same as road tire.</i>	Included
64D	Wheels: 19.5" Forged Polished Aluminum <i>4 aluminum outer and 2 steel inner. Includes bright hub covers/center ornaments.</i>	Included

Seats & Seat Trim

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As Configured Vehicle (cont'd)

Code	Description	MSRP
A	HD Vinyl 40/20/40 Split Bench Seat <i>Includes center armrest, cupholder, storage and driver's side manual lumbar.</i>	Included

Other Options

176WB	176" Wheelbase	STD
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo w/MP3 Player <i>Includes 4 speakers. Includes: - SYNC Communications & Entertainment System Includes enhanced voice recognition with 911 Assist, 4.2" LCD center stack screen, AppLink and 1 smart-charging USB-C port.</i>	Included

Emissions

425	50-State Emissions System	STD
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Interior Color

AS_01	Medium Earth Gray	N/C
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Exterior Color

Z1_01	Oxford White	N/C
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SUBTOTAL	\$58,560.00
Destination Charge	\$1,695.00
TOTAL	\$60,255.00

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Selected Equip & Specs

Dimensions

• Exterior length: 266.2" • Cab to axle: 56.1" • Exterior width: 96.0" • Exterior height: 81.0" • Wheelbase: 176.0" • Front track: 74.8" • Rear track: 74.7" • Turning radius: 25.2' • Rear tire outside width: 95.9" • Min ground clearance: 8.3" • Front legroom: 43.9" • Rear legroom: 43.6" • Front headroom: 40.8" • Rear headroom: 40.4" • Front hiproom: 62.5" • Rear hiproom: 64.7" • Front shoulder room: 66.7" • Rear shoulder room: 65.9" • Passenger volume: 131.7cu.ft. • Approach angle: 18.9 deg • Departure angle: 20.2 deg • Cargo volume: 52.1cu.ft. • Maximum cargo volume: 52.1cu.ft. • Box length: 98.1"

Powertrain

• Powerstroke 475hp 6.7L OHV 32 valve intercooled turbo V-8 engine with diesel direct injection • Recommended fuel : diesel • federal • TorqShift 10 speed automatic transmission with overdrive • Part-time • Limited slip differential • Fuel Economy Cty: N/A • Fuel Economy Highway: N/A

Suspension/Handling

• Front Mono-beam non-independent suspension with anti-roll bar, HD shocks • Rear rigid axle leaf spring suspension with anti-roll bar, HD shocks • Firm ride Suspension • Hydraulic power-assist re-circulating ball Steering • Front and rear 19.5 x 6 polished forged aluminum wheels • LT225/70SR19.5 GBSW AT front and rear tires • Dual rear wheels

Body Exterior

• 4 doors • Conventional left rear passenger • Conventional right rear passenger • Driver and passenger , manual folding door mirrors • Black door mirrors • Black bumpers • Class V trailer hitch with with brake controller and trailer sway control • Bed-rail protectors • Trailer harness • Box style: regular • Clearcoat paint • Front and rear 19.5 x 6 wheels • 2 front tow hook(s)

Convenience

• Manual air conditioning with air filter • Manual windows • Manual door locks • Manual tilt steering wheel • Manual telescopic steering wheel • Day-night rearview mirror • FordPass Connect 4G internet access • 911 Assist emergency SOS • Wireless phone connectivity • AppLink smart device integration • 2 1st row LCD monitors • Front and rear cupholders • Passenger visor mirror • Full overhead console

Seats and Trim

• Seating capacity of 6 • Front 40-20-40 split-bench seat • 4-way driver seat adjustment • Manual driver lumbar support • 4-way passenger seat adjustment • Centre front armrest with storage • 60-40 folding rear split-bench seat

Entertainment Features

• AM/FM stereo radio • SYNC external memory control • Steering wheel mounted radio controls • 4 speakers • Streaming audio • Fixed antenna

Lighting, Visibility and Instrumentation

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Selected Equip & Specs (cont'd)

• Halogen aero-composite headlights • Delay-off headlights • Auto on/off headlights • Variable intermittent front windshield wipers • Light tinted windows • Front and rear reading lights • Tachometer • Compass • Outside temperature display • Camera(s) - rear • Trip computer • Trip odometer

Safety and Security

• 4-wheel ABS brakes • Brake assist with hill hold control • 4-wheel disc brakes • AdvanceTrac w/Roll Stability Control Electronic stability control • Driveline traction control • Dual front impact airbag supplemental restraint system • Dual seat mounted side impact airbag supplemental restraint system • Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system • Manual door locks • SecuriLock immobilizer • MyKey restricted driving mode • Manually adjustable front head restraints • 3 manually adjustable rear head restraints

Dimensions**General Weights**

Curb	8,586 lbs.	GVWR	14,000 lbs.
Payload	5,320 lbs.		

Front Weights

Front GAWR	6,000 lbs.	Front curb weight	4,908 lbs.
Front axle capacity	7,000 lbs.	Front spring rating	6,000 lbs.
Front tire/wheel capacity	7,180 lbs.		

Rear Weights

Rear GAWR	9,900 lbs.	Rear curb weight	3,678 lbs.
Rear axle capacity	9,650 lbs.	Rear spring rating	9,900 lbs.
Rear tire/wheel capacity	14,360 lbs.		

Trailer Type

Type	Regular	Harness	Yes
Class	V	Hitch	Yes
Brake controller	Yes	Trailer sway control	Yes

General Trailering

5th-wheel towing capacity	32500 lbs.	Gooseneck towing capacity	32600 lbs.
Towing capacity	24200 lbs.	GCWR	43500 lbs.

Fuel Tank type

Capacity	48 gal.
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Off Road

Approach angle	19 deg	Departure angle	20 deg
Ramp breakover angle	20 deg	Min ground clearance	8 "
Load floor height	37 "		

Exterior cargo

Length	98.1 "	Minimum width	50.5 "
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Selected Equip & Specs (cont'd)

Volume 78.5 cu.ft.
Maximum width 66.9 "

Pickup box depth 21.1 "
Tailgate width 60.5 "

Interior cargo

Cargo volume 52.1 cu.ft.

Maximum cargo volume 52.1 cu.ft.

Powertrain**Engine Type**

Brand Powerstroke
Cylinders V-8
Ignition Compression
Liters 6.7L
Recommended fuel Diesel
Valvetrain OHV

Block material Iron
Head material Aluminum
Injection Diesel direct injection
Orientation Longitudinal
Valves per cylinder 4
Forced induction Intercooled turbo

Engine Spec

Bore 3.90"
Displacement 406 cu.in.

Compression ratio 15.8:1
Stroke 4.25"

Engine Power

Output 475 HP @ 2,600 RPM

Torque 1050 ft.-lb @ 1,600 RPM

Alternator

Type HD

Amps 220

Battery

Amp hours 78
Run down protection Yes

Cold cranking amps 750
Type Dual

Transmission

Electronic control Yes
Overdrive Yes
Type Automatic

Lock-up Yes
Speed 10

Transmission Gear Ratios

1st 4.696
3rd 2.146
5th 1.52
7th 1
9th 0.689
Reverse Gear ratios 4.866

2nd 2.985
4th 1.769
6th 1.275
8th 0.854
10th 0.616

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

Drive Type

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Selected Equip & Specs (cont'd)

4wd type	Part-time	Type	Four-wheel
<i>Drive Feature</i>			
Limited slip differential	Mechanical	Traction control	Driveline
Locking hub control	Auto	Transfer case shift	Electronic
<i>Drive Axle</i>			
Ratio	4.3		
<i>Exhaust</i>			
Material	Stainless steel	System type	Single
<i>Emissions</i>			
CARB	Federal		
<i>Fuel Economy</i>			
Fuel type	Diesel		
<i>Engine Retarder</i>			
Type	Yes		
<i>Acceleration</i>			
0-60 mph (s)	8.3		
<i>1/4 Mile</i>			
Seconds	16.1	Speed	86 mph
<i>Skid Pad</i>			
Lateral acceleration (g)	0.5		
<i>Slalom</i>			
Speed	43 mph		

Driveability

<i>Brakes</i>			
ABS	4-wheel	ABS channels	4
Type	4-wheel disc	Vented discs	Front and rear
<i>Brake Assistance</i>			
Brake assist	Yes	Hill hold control	Yes
<i>Suspension Control</i>			
Ride	Firm	Electronic stability control	Stability control with anti-roll
<i>Front Suspension</i>			
Independence	Mono-beam non-independent	Anti-roll bar	Regular

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Selected Equip & Specs (cont'd)*Front Spring*

Type Coil Grade Regular

Front Shocks

Type HD

*Rear Suspension*Independence Rigid axle Type Leaf
Anti-roll bar Regular*Rear Spring*

Type Leaf Grade HD

Rear Shocks

Type HD

Steering

Activation Hydraulic power-assist Type Re-circulating ball

Steering Specs

of wheels 2

Exterior*Front Wheels*

Diameter 19.5" Width 6.00"

*Rear Wheels*Diameter 19.5" Width 6.00"
Dual Yes*Spare Wheels*

Wheel material Steel

*Front and Rear Wheels*Appearance Polished Material Forged aluminum
Covers Chrome hub*Front Tires*Aspect 70 Diameter 19.5"
Sidewalls BSW Speed S
Tread AT Type LT
Width 225mm LT load rating G
RPM 647*Rear Tires*Aspect 70 Diameter 19.5"
Sidewalls BSW Speed S

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Selected Equip & Specs (cont'd)

Tread AT
 Width 225mm
 RPM 647

Type LT
 LT load rating G

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Front track 74.8"
 Turning radius 25.2'
 Rear tire outside width 95.9"

Rear track 74.7"
 Wheelbase 176.0"

Body Features

Body material Aluminum
 Front tow hook(s) 2

Side impact beams Yes

Body Doors

Door count 4
 Right rear passenger Conventional

Left rear passenger Conventional
 Cargo Tailgate

Pickup

Box style Regular

Bed-rail protectors Yes

Exterior Dimensions

Length 266.2"
 Body height 81.0"
 Frame section modulus 10.7cu.in.
 Front bumper to Front axle 38.2"

Body width 96.0"
 Cab to axle 56.1"
 Frame yield strength (psi) 50000.0
 Front bumper to back of cab 151.8"

Safety**Airbags**

Driver front-impact Yes
 Overhead Safety Canopy System curtain 1st and 2nd row
 Passenger side-impact Seat mounted

Driver side-impact Seat mounted
 Passenger front-impact Yes

Seatbelt

Rear centre 3 point Yes

Height adjustable Front

Security

Immobilizer SecuriLock

Restricted driving mode MyKey

Seating**Passenger Capacity**

Capacity 6

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Selected Equip & Specs (cont'd)*Front Seats*

Split 40-20-40 Type Split-bench

Driver Seat

Fore/aft Manual Reclining Manual

Way direction control 4 Lumbar support Manual

Passenger seat

Fore/aft Manual Reclining Manual

Way direction control 4

Front Head Restraint

Control Manual Type Adjustable

Front Armrest

Centre Yes Storage Yes

Rear Seats

Descriptor Split-bench Facing Front

Folding 60-40 Folding position Fold-up cushion

Type Fixed

Rear Head Restraints

Control Manual Type Adjustable

Number 3

Front Seat Trim

Material Vinyl Back material Vinyl

Rear Seat Trim Group

Material Vinyl Back material Carpet

Convenience*AC And Heat Type*

Air conditioning Manual Air filter Yes

Underseat ducts Yes

Audio System

Radio AM/FM stereo Radio grade Regular

Seek-scan Yes External memory control SYNC

Audio Speakers

Speaker type Regular Speakers 4

Audio Controls

Steering wheel controls Yes Voice activation Yes

Streaming audio Bluetooth yes

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Selected Equip & Specs (cont'd)*Audio Antenna*

Type Fixed

LCD Monitors

1st row 2 Primary monitor size (inches) 4.2

Convenience Features

12V DC power outlet 2	Emergency SOS 911 Assist
Wireless phone connectivity Bluetooth	Smart device integration App link

Door Lock Activation

Type Manual

Door Lock Type

Tailgate/rear door lock Manual

Door Locks Extra FOB Controls

Remote engine start Smart device only

Instrumentation Type

Appearance Analog

Instrumentation Gauges

Tachometer Yes	Engine temperature Yes
Turbo/supercharger boost Yes	Transmission fluid temp Yes
Engine hour meter Yes	

Instrumentation Warnings

Oil pressure Yes	Engine temperature Yes
Battery Yes	Lights on Yes
Key Yes	Low fuel Yes
Door ajar Yes	Service interval Yes
Brake fluid Yes	

Instrumentation Displays

Clock In-radio display	Compass Yes
Exterior temp Yes	Systems monitor Yes
Camera(s) - rear Yes	

Instrumentation Feature

Trip computer Yes	Trip odometer Yes
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Steering Wheel Type

Material Urethane	Tilting Manual
Telescoping Manual	

Front Side Windows

Window 1st row activation Manual

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Selected Equip & Specs (cont'd)*Windows Rear Side*

2nd row activation Manual

Window Features

Tinted Light

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior*Passenger Visor*

Mirror Yes

Rear View Mirror

Day-night Yes

Headliner

Coverage Full Material Cloth

Floor Trim

Coverage Full Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane Interior accents Chrome

Lighting

Dome light type Fade Front reading Yes

Rear reading Yes Variable IP lighting Yes

Overhead Console Storage

Storage Yes Type Full

Storage

Front Beverage holder(s) Yes Glove box Locking

Illuminated Yes Rear yes Yes

Instrument panel Covered bin Dashboard Yes

Legroom

Front 43.9" Rear 43.6"

Headroom

Front 40.8" Rear 40.4"

Hip Room

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Selected Equip & Specs (cont'd)

Front	62.5"	Rear	64.7"
<i>Shoulder Room</i>			
Front	66.7"	Rear	65.9"
<i>Interior Volume</i>			
Passenger volume	131.7 cu.ft.		

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