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2022 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)

Price Level: 235

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**Client Proposal**

Prepared by:  
SPENCER WOOD  
Office: 336-668-2401  
Quote ID: NCSA19F4H  
Date: 08/28/2021



**Prepared for: Mr. Jason Bennett**

Director of Business Development, NC Sheriff's Association

Prepared by: SPENCER WOOD

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

08/28/2021

274099308

**2022 F-450 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F4H)**

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**As Configured Vehicle**

Code	Description	MSRP
<b>Base Vehicle</b>		
F4H	Base Vehicle Price (F4H)	\$43,665.00
<b>Packages</b>		
650A	Order Code 650A <i>Includes:</i> - Engine: 7.3L 2V DEVCT NA PFI V8 Gas - Transmission: TorqShift 10-Speed Automatic 10R140 with neutral idle and selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery. - 4.88 Axle Ratio - GVWR: 16,500 lb Payload Package - Tires: 225/70Rx19.5G BSW A/P - Wheels: 19.5" x 6" Argent Painted Steel Hub covers/center ornaments not included. - 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, 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB port and steering wheel audio controls.	N/C
<b>Powertrain</b>		
99N	Engine: 7.3L 2V DEVCT NA PFI V8 Gas	Included
44G	Transmission: TorqShift 10-Speed Automatic 10R140 with neutral idle and selectable drive modes: normal, tow/haul, eco, deep sand/snow and slippery.	Included
X48	4.88 Axle Ratio	Included
STDGV	GVWR: 16,500 lb Payload Package	Included
<b>Wheels &amp; Tires</b>		
TGJ	Tires: 225/70Rx19.5G BSW A/P	Included
64Z	Wheels: 19.5" x 6" Argent Painted Steel Hub covers/center ornaments not included.	Included
<b>Seats &amp; Seat Trim</b>		
A	HD Vinyl 40/20/40 Split Bench Seat Includes center armrest, cupholder, storage and driver's side manual lumbar.	Included

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**As Configured Vehicle (cont'd)**

Code	Description	MSRP
<b>Other Options</b>		
PAINT	Monotone Paint Application	STD
145WB	145" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/MP3 Player <i>Includes 4 speakers. Includes: - SYNC Communications &amp; Entertainment System Includes enhanced voice recognition, 911 Assist, 4.2" LCD center stack screen, AppLink, 1 smart-charging USB port and steering wheel audio controls.</i>	Included
<b>Emissions</b>		
425	50-State Emissions System	STD
<b>Interior Color</b>		
AS_01	Medium Earth Gray	N/C
<b>Exterior Color</b>		
Z1_01	Oxford White	N/C
SUBTOTAL		\$43,665.00
Destination Charge		\$1,695.00
TOTAL		\$45,360.00

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## Selected Equip & Specs

### Dimensions

- Exterior length: 230.7" • Cab to axle: 60.0" • Exterior width: 80.0" • Exterior height: 81.5" • Wheelbase: 145.0" • Front track: 74.8" • Rear track: 74.0" • Turning radius: 21.2' • Rear tire outside width: 93.9" • Min ground clearance: 8.2" • Front legroom: 43.9" • Front headroom: 40.8" • Front hiproom: 62.5" • Front shoulder room: 66.7" • Passenger volume: 64.6cu.ft. • Cargo volume: 11.6cu.ft. • Maximum cargo volume: 11.6cu.ft.

### Powertrain

- 350hp 7.3L OHV 16 valve V-8 engine with DEVCT variable valve control, SMPI • Recommended fuel : regular unleaded • federal • TorqShift 10 speed automatic transmission with overdrive • Part-time • 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 DANA M300 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 argent steel wheels • LT225/70SR19.5 GBSW AS front and rear tires • Dual rear wheels

### Body Exterior

- 2 doors • Driver and passenger , manual folding door mirrors • Black door mirrors • Black bumpers • Trailer harness • Clearcoat paint • Front and rear 19.5 x 6 wheels • 2 front tow hook(s)

### Convenience

- Manual air conditioning with air filter • Manual front 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 cupholders • Passenger visor mirror • Upfitter switches

### Seats and Trim

- Seating capacity of 3 • 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

### 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

- Halogen aero-composite headlights • Delay-off headlights • Auto on/off headlights • Variable intermittent front windshield wipers • Light tinted windows • Front reading lights • Tachometer • Oil pressure gauge • Compass • Outside temperature display • Trip computer • Trip odometer

### Safety and Security

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

• 4-wheel ABS brakes • Brake assist • 4-wheel disc brakes • Driveline traction control • Dual front impact airbag supplemental restraint system with passenger cancel • Dual seat mounted side impact airbag supplemental restraint system • Safety Canopy System curtain 1st row overhead airbag supplemental restraint system • Manual door locks • Manually adjustable front head restraints

**Dimensions****General Weights**

Curb .....	6,956 lbs.	GVWR .....	16,500 lbs.
Payload .....	9,540 lbs.		

**Front Weights**

Front GAWR .....	4,800 lbs.	Front curb weight .....	3,963 lbs.
Front axle capacity .....	7,000 lbs.	Front spring rating .....	4,800 lbs.
Front tire/wheel capacity .....	7,500 lbs.		

**Rear Weights**

Rear GAWR .....	12,880 lbs.	Rear curb weight .....	2,993 lbs.
Rear axle capacity .....	12,880 lbs.	Rear spring rating .....	13,660 lbs.
Rear tire/wheel capacity .....	15,000 lbs.		

**Trailer Type**

Harness .....	Yes	Trailer sway control .....	Yes
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**General Trailing**

5th-wheel towing capacity .....	20100 lbs.	Gooseneck towing capacity .....	20100 lbs.
Towing capacity .....	17500 lbs.	GCWR .....	28000 lbs.

**Fuel Tank type**

Capacity .....	40 gal.
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**Off Road**

Min ground clearance .....	8 "
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**Interior cargo**

Cargo volume .....	11.6 cu.ft.	Maximum cargo volume .....	11.6 cu.ft.
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**Rear Frame**

Height loaded .....	29 "	Height unloaded .....	35 "
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**Powertrain****Engine Type**

Block material .....	Iron	Cylinders .....	V-8
Head material .....	Aluminum	Ignition .....	Spark
Injection .....	Sequential MPI	Liters .....	7.3L
Orientation .....	Longitudinal	Recommended fuel .....	Regular unleaded

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

Valves per cylinder ..... 2  
 Variable valve control ..... DEVCT

Valvetrain ..... OHV

**Engine Spec**

Bore ..... 4.21"  
 Displacement ..... 445 cu.in.

Compression ratio ..... 10.5:1  
 Stroke ..... 3.98"

**Engine Power**

SAEJ1349 AUG2004 compliant ..... Yes  
 Torque ..... 468 ft.-lb @ 3,900 RPM

Output ..... 350 HP @ 3,900 RPM

**Alternator**

Type ..... HD

Amps ..... 240

**Battery**

Amp hours ..... 78  
 Run down protection ..... Yes

Cold cranking amps ..... 750  
 Type ..... HD

**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  
 Oil cooler ..... Regular duty

Sequential shift control ..... SelectShift

**Drive Type**

4wd type ..... Part-time

Type ..... Four-wheel

**Drive Feature**

Traction control ..... Driveline  
 Transfer case shift ..... Electronic

Locking hub control ..... Auto

**Drive Axle**

Ratio ..... 4.88

**Exhaust**

Material ..... Stainless steel

System type ..... Single

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**Selected Equip & Specs (cont'd)***Emissions*

CARB ..... Federal

*Fuel Economy*

Fuel type ..... Gasoline

**Driveability***Brakes*ABS ..... 4-wheel  
Type ..... 4-wheel discABS channels ..... 3  
Vented discs ..... Front and rear*Brake Assistance*

Brake assist ..... Yes

*Suspension Control*

Ride ..... Firm

*Front Suspension*

Independence ..... Mono-beam non-independent

Anti-roll bar ..... Regular

*Front Spring*

Type ..... Coil

Grade ..... Regular

*Front Shocks*

Type ..... HD

*Rear Suspension*

Independence ..... DANA M300 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*

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

Diameter ..... 19.5"  
Dual ..... Yes

Width ..... 6.00"

**Front and Rear Wheels**

Appearance ..... Argent

Material ..... Steel

**Front Tires**

Aspect ..... 70  
Sidewalls ..... BSW  
Tread ..... AS  
Width ..... 225mm  
RPM ..... 647

Diameter ..... 19.5"  
Speed ..... S  
Type ..... LT  
LT load rating ..... G

**Rear Tires**

Aspect ..... 70  
Sidewalls ..... BSW  
Tread ..... AS  
Width ..... 225mm  
RPM ..... 647

Diameter ..... 19.5"  
Speed ..... S  
Type ..... LT  
LT load rating ..... G

**Wheels**

Front track ..... 74.8"  
Turning radius ..... 21.2'  
Rear tire outside width ..... 93.9"

Rear track ..... 74.0"  
Wheelbase ..... 145.0"

**Body Features**

Front splash guards ..... Yes  
Side impact beams ..... Yes

Body material ..... Aluminum  
Front tow hook(s) ..... 2

**Body Doors**

Door count ..... 2

**Exterior Dimensions**

Length ..... 230.7"  
Body height ..... 81.5"  
Axle to end of frame ..... 47.2"  
Frame yield strength (psi) ..... 50000.0  
Front bumper to Front axle ..... 38.3"  
Front bumper to back of cab ..... 123.7"

Body width ..... 80.0"  
Cab to axle ..... 60.0"  
Frame section modulus ..... 12.7cu.in.  
Frame rail width ..... 34.2"  
Cab to end of frame ..... 107.2"

**Safety****Airbags**

Driver front-impact ..... Yes  
Overhead ..... Safety Canopy System curtain 1st row

Driver side-impact ..... Seat mounted  
Passenger front-impact ..... Cancellable



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

Passenger side-impact ..... Seat mounted

**Seatbelt**

Height adjustable ..... Front

**Seating****Passenger Capacity**

Capacity ..... 3

**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

**Front Seat Trim**

Material ..... Vinyl Back material ..... Vinyl

**Convenience****AC And Heat Type**

Air conditioning ..... Manual Air filter ..... 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

**Audio Antenna**

Type ..... Fixed

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**Selected Equip & Specs (cont'd)***LCD Monitors*

1st row ..... 2 Primary monitor size (inches) ..... 4.2

*Convenience Features*

12V DC power outlet ..... 3	Emergency SOS ..... 911 Assist
Wireless phone connectivity ..... Bluetooth	Smart device integration ..... App link
Upfitter switches ..... Yes	

*Door Lock Activation*

Type ..... Manual

*Door Locks Extra FOB Controls*

Remote engine start ..... Smart device only

*Instrumentation Type*

Appearance ..... Analog

*Instrumentation Gauges*

Tachometer ..... Yes	Oil pressure ..... Yes
Engine temperature ..... 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

*Instrumentation Feature*

Trip computer ..... Yes Trip odometer ..... Yes

*Steering Wheel Type*

Material ..... Urethane	Tilting ..... Manual
Telescoping ..... Manual	

*Front Side Windows*

Window 1st row activation ..... Manual

*Window Features*

Tinted ..... Light

*Front Windshield*

Wiper ..... Variable intermittent

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

Variable IP lighting ..... Yes

*Storage*

Front Beverage holder(s) ..... Yes      Glove box ..... Locking

Illuminated ..... Yes      Instrument panel ..... Covered bin

Dashboard ..... Yes

*Legroom*

Front ..... 43.9"

*Headroom*

Front ..... 40.8"

*Hip Room*

Front ..... 62.5"

*Shoulder Room*

Front ..... 66.7"

*Interior Volume*

Passenger volume ..... 64.6 cu.ft.