BOSAK

CHASSIS DETAIL

26 PAGES

Prepared for: Mr. Russ Kozyar, Town of Munster
508 Fisher St
Munster, IN 46321

2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Price Level: 420

Client Proposal

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Selected Equip & Specs

Dimensions

- Conventional Capacity: 18,500 lbs.
- * **Fifth-wheel towing capacity: 34,000 lbs.**
- Vehicle body length: 230.7"
- Vehicle body height: 81.5"
- Front track: 74.8"
- Vehicle turning radius: 21.2'
- Rear tire outside width: 93.9"
- Frame section modulus: 12.7 cu.in.
- Frame rail width: 34.2"
- Front bumper to back of cab: 123.7"
- Rear brake diameter: 15.8"
- Max interior rear cargo volume: 11.6 cu.ft.
- Headroom first-row: 40.8"
- Shoulder room first-row: 66.7"
- * **GCWR: 43,000 lbs.**
- * **Gooseneck towing capacity: 34,200 lbs.**
- Vehicle body width: 80.0"
- Wheelbase: 145.0"
- Rear track: 74.0"
- Cab to axle: 60.0"
- Axle to end of frame: 47.2"
- Frame yield strength (psi): 50000.0
- Front bumper to front axle: 38.3"
- Front brake diameter: 15.4"
- Interior rear cargo volume: 11.6 cu.ft.
- Total passenger volume: 64.6 cu.ft.
- Leg room first-row: 43.9"
- Hip room first-row: 62.5"

Powertrain

- * **Powerstroke 6.7L V-8 diesel direct injection, DEVCT intercooled turbo, diesel, engine with 330HP**
- * **Compression ignition system**
- * **Torque: 950 lb.-ft.@1800 RPM**
- Auxiliary power take-off
- 10-speed automatic
- Four-wheel drive
- * **Mechanical limited slip differential**
- Auto locking hub control
- Engine cylinders: V-8
- * **Horsepower: 330 HP@2200 RPM**
- Radiator
- * **Engine retarder system**
- Part-time 4WD
- * **Recommended fuel: diesel**
- Driveline managed traction control
- Electronic transfer case shift

Fuel Economy and Emissions

- * **Diesel secondary fuel type**
- Federal emissions

Suspension and Handling

- Firm ride suspension
- Heavy-duty rear shock absorbers
- Heavy-duty front shock absorbers

Driveability

- 4-wheel disc brakes
- 4-wheel antilock (ABS) brakes
- Brake assist system
- Mono-beam rigid axle front suspension
- Front and rear ventilated disc brakes
- Four channel ABS brakes
- Hill Start Assist
- Front anti-roll bar

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Selected Equip & Specs (cont'd)

- Front coil springs
- **Rigid axle rear suspension**
- Leaf spring rear suspension
- Rear anti-roll bar
- Hydraulic power-assist steering system
- Re-circulating ball steering
- 2-wheel steering system

Body Exterior

- Trailer wiring harness
- 2 doors
- Clearcoat paint
- Monotone paint
- Black fender flares
- Black side window trim
- Black windshield trim
- Black door handles
- Black front bumper
- Black front bumper rub strip
- 2 front tow hooks
- Black grille
- Black door mirrors
- Manual extendable trailer mirrors
- Convex spotter in driver and passenger side door mirrors
- Turn signal indicator in door mirrors
- LT225/70RS19.5 AS BSW front and rear tires
- 19.5 x 6-inch front and dual rear argent steel wheels

Convenience

- Power door locks with 2 stage unlocking
- Keyfob activated door locks
- All-in-one remote fob and ignition key
- Cruise control with steering wheel mounted controls
- FordPass Connect smart device vehicle start control
- Day/Night rearview mirror
- Power first-row windows
- Fixed rear windshield
- Illuminated locking glove box
- Illuminated glove box
- Front beverage holders
- 6 beverage holders
- Instrument panel covered bin
- Dashboard storage
- Retained accessory power
- PRND in IP
- Trip computer
- Upfitter switches
- Over the air updates

Comfort

- Manual climate control
- Cabin air filter
- Cloth headliner material
- Full headliner coverage
- Full vinyl floor covering
- Full floor coverage
- Manual tilting steering wheel
- Manual telescopic steering wheel
- Urethane steering wheel

Seats and Trim

- Seating capacity: 3
- 40-20-40 split-bench front seat
- Split-bench front seat
- Driver seat with 4-way directional controls
- Front passenger seat with 4-way directional controls
- Height adjustable front seat head restraints
- Manual front seat head restraint control
- Front seat center armrest
- Front seat armrest storage
- Manual reclining driver seat

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Selected Equip & Specs (cont'd)

- Manual driver seat fore/aft control
- Manual passenger seat fore/aft control
- Vinyl front seat upholstery
- Manual reclining passenger seat
- Manual driver seat lumbar

Entertainment Features

- 2 total number of 1st row displays
- Primary touchscreen display
- In-vehicle audio
- FM radio
- SYNC 4 external memory control
- Standard grade speakers
- SYNC 4 voice activated audio controls
- Wireless audio streaming
- 8 inch primary LCD display
- AM/FM stereo radio
- AM radio
- Seek scan
- Speakers number: 4
- Steering wheel mounted audio controls
- Speed sensitive volume
- Fixed audio antenna

Lighting, Visibility and Instrumentation

- Digital/analog instrumentation display
- Trip odometer
- Compass
- Driver information center
- Tachometer
- * **Turbo/supercharger boost gauge**
- Engine hour meter
- Light tinted windows
- Halogen headlights
- Multiple enclosed headlights
- DRL preference setting
- Front reading lights
- Variable instrument panel light
- Cab clearance lights
- Fade interior courtesy lights
- Configurable instrumentation gauges
- In-radio display clock
- Exterior temperature display
- Gauge cluster display size (inches): 4.20
- Engine/electric motor temperature gauge
- Transmission fluid temperature gauge
- * **Diesel exhaust fluid (def) gauge**
- Aero-composite headlights
- Autolamp auto on/off headlight control
- Delay-off headlights
- Variable intermittent front windshield wipers
- Illuminated entry
- Daytime running lights
- Remote activated perimeter approach lighting

Technology and Telematics

- SYNC 4 911 Assist emergency SOS system via mobile device
- AppLink/Apple CarPlay and Android Auto smart device wireless mirroring
- 2 USB ports
- SYNC 4 handsfree wireless device connectivity
- FordPass Connect 4G mobile hotspot internet access

Safety and Security

- Driver front impact airbag
- Safety Canopy System curtain first-row overhead airbags
- Seat mounted side impact driver airbag
- Cancellable front passenger air bag

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Selected Equip & Specs (cont'd)

- Seat mounted side impact front passenger airbag
- Front height adjustable seatbelts
- Remote panic alarm
- Pre-Collision Assist with Automatic Emergency Braking (AEB) forward collision mitigation
- 6 airbags
- SecuriLock immobilizer
- Lane Departure Warning
- **Rear mounted camera**

Dimensions

General Weights

*** Curb weight**	**7,710 lbs.**	*** Rear curb weight**	**3,050 lbs.**
*** GVWR**	**19,500 lbs.**	*** Payload**	**11,950 lbs.**

Trailering Weights

*** Fifth-wheel towing capacity**	**34,000 lbs.**	*** Gooseneck towing capacity**	**34,200 lbs.**
Conventional capacity	18,500 lbs.	*** GCWR**	**43,000 lbs.**

Front Weights

*** Front curb weight**	**4,661 lbs.**	*** GAWR front**	**7,000 lbs.**
Axle capacity front	7,000 lbs.	*** Spring rating front**	**7,000 lbs.**
Tire/wheel capacity front	7,500 lbs.		

Rear Weights

*** GAWR rear**	**14,706 lbs.**	*** Axle capacity rear**	**14,706 lbs.**
*** Spring rating rear**	**15,000 lbs.**	Tire/wheel capacity rear	15,000 lbs.

Off Road

Min ground clearance	8.2"

Exterior Measurements

Vehicle body length	230.7"	Vehicle body width	80.0"
Vehicle body height	81.5"	Wheelbase	145.0"
Front brake diameter	15.4"	Rear brake diameter	15.8"
Rear frame height loaded	28.6"	Rear frame height unloaded	35.1"
Front track	74.8"	Rear track	74.0"
Vehicle turning radius	21.2'	Cab to axle	60.0"
Rear tire outside width	93.9"	Axle to end of frame	47.2"
Frame section modulus	12.7 cu.in.	Frame yield strength (psi)	50000.0
Frame rail width	34.2"	Front bumper to front axle	38.3"
Front bumper to back of cab	123.7"		

Interior Measurements

Interior rear cargo volume	11.6 cu.ft.	Max interior rear cargo volume	11.6 cu.ft.

Interior Volume

Total passenger volume	64.6 cu.ft.

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Selected Equip & Specs (cont'd)

Headroom

Headroom first-row	40.8"

Legroom

Leg room first-row	43.9"

Shoulder Room

Shoulder room first-row	66.7"

Hip Room

Hip room first-row	62.5"

Powertrain

Engine

* **Engine**	**Powerstroke 6.7L V-8 diesel direct injection, DEVCT intercooled turbo, diesel, engine with 330HP**	* **Valves per cylinder**	**4**
Engine cylinders	V-8	Engine location	Front mounted engine
* **Ignition**	**Compression ignition system**	Engine mounting direction	Longitudinal mounted engine
Engine block material	Iron engine block	Cylinder head material	Aluminum cylinder head

Engine Specs

* **Displacement**	**6.7L**	* **cc**	**405.9 cu.in.**
* **Bore**	**3.9"**	* **Stroke**	**4.25"**
* **Compression ratio**	**15.2**	SAEJ1349	AUG2004 compliant

Engine Power

* **Horsepower**	**330 HP@2200 RPM**	* **Torque**	**950 lb.-ft.@1800 RPM**

Alternator

* **Alternator amps**	**190A**	* **Alternator type**	**Dual alternator**
* **Alternator rating**	**160A**		

Battery

* **Battery amps**	**68Ah**	* **Battery type**	**Dual lead acid battery**
Battery rating	750CCA	Battery run down protection	Battery run down protection

Engine Extras

Radiator	Radiator	Auxiliary power take-off	Auxiliary power take-off
* **Engine retarder**	**Engine retarder system**		

Transmission

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Selected Equip & Specs (cont'd)

Transmission	10-speed automatic
Overdrive transmission	Overdrive transmission
First gear ratio	4.615
Third gear ratio	2.132
Fifth gear ratio	1.519
Reverse gear ratio	4.695
Eighth gear ratio	0.851
Tenth gear ratio	0.632
Selectable mode transmission	Selectable mode transmission
Transmission oil cooler	Transmission oil cooler
Transmission electronic control	Transmission electronic control
Lock-up transmission	Lock-up transmission
Second gear ratio	2.919
Fourth gear ratio	1.773
Sixth gear ratio	1.277
Seventh gear ratio	1
Ninth gear ratio	0.687
Stall ratio	1.97
Sequential shift control	SelectShift Sequential shift control
PTO transmission provision	PTO transmission provision

Drive Type

4WD type	Part-time 4WD
Drive type	Four-wheel drive

Drivetrain

*** Axle ratio**	**4.3**

Exhaust

Tailpipe	Stainless steel single exhaust

Fuel

*** Fuel type**	**diesel**

Fuel Tank

*** DEF capacity**	**7.20 gal.**
*** Fuel tank capacity**	**26.50 gal.**

Drive Feature

*** Limited slip differential**	**Mechanical limited slip differential**
Locking hub control	Auto locking hub control
Traction control	Driveline managed traction control
Transfer case	Electronic transfer case shift

Provisions

*** Provisions**	**Snow plow provisions**

Fuel Economy and Emissions

Fuel Economy

*** Secondary fuel type**	**Diesel secondary fuel type**

Emissions

Emissions	Federal emissions

Suspension and Handling

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Selected Equip & Specs (cont'd)

Suspension

Suspension	Firm ride suspension	Front shock absorbers	Heavy-duty front shock absorbers
Rear shock absorbers	Heavy-duty rear shock absorbers		

Driveability

Brakes

Brake type	4-wheel disc brakes	Ventilated brakes	Front and rear ventilated disc brakes
ABS brakes	Four channel ABS brakes	ABS brakes	4-wheel antilock (ABS) brakes

Brake Assistance

Hill start assist	Hill Start Assist	Brake assist system	Brake assist system

Front Suspension

Anti-roll bar front	Front anti-roll bar	Suspension ride type front	Mono-beam rigid axle front suspension

Front Spring

*** HD front springs**	**Heavy-duty front springs**	Springs front	Front coil springs

Rear Spring

Springs rear	Rear leaf springs	Rear springs	Heavy-duty rear springs

Rear Suspension

Anti-roll bar rear	Rear anti-roll bar	Suspension type rear	Leaf spring rear suspension
*** Suspension ride type rear**	**Rigid axle rear suspension**		

Steering

Steering system	Hydraulic power-assist steering	Steering type	Re-circulating ball steering
Steering type number of wheels	2-wheel steering system		

Exterior

Front Wheels

Front wheels diameter	19.5"	Front wheels width	6"

Rear Wheels

Rear wheels diameter	19.5"	Rear wheels width	6"

Front And Rear Wheels

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Selected Equip & Specs (cont'd)

Appearance	argent	Material	steel

Front Tires

Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
Tread	AS	Type	LT
Width	225mm	Front wheel - RPM	647

Rear Tires

Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
*** Tread**	**AT**	Type	LT
Width	225mm	*** Rear wheel - RPM**	**645**

Body Exterior

Trailering

Towing wiring harness	Trailer wiring harness	Towing brake controller	Trailer brake controller
Towing trailer sway	Trailer sway control		

Exterior Features

Number of doors	2 doors	Front splash guards	Front splash guards

Body

Body panels	Aluminum body panels with side impact beams

Mirrors

Convex spotter	Convex spotter in driver and passenger side door mirrors	Turn signal in door mirrors	Turn signal indicator in door mirrors

Spare Tire

*** Spare tire wheel**	**Full-size spare tire with steel**	*** Spare tire location**	**Spare tire mounted on the frame or chassis**

Tires

Front tires LT load rating	G	Rear tires LT load rating	G

Wheels

Dual rear wheels	Dual rear wheels

Convenience

Door Locks

Door locks	Power door locks with 2 stage unlocking	Keyfob door locks	Keyfob activated door locks
All-in-one key	All-in-one remote fob and ignition key		

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Selected Equip & Specs (cont'd)

Cruise Control

Cruise control — Cruise control with steering wheel mounted controls

Key Fob Controls

Fob remote vehicle controls — FordPass Connect smart device vehicle start control

Rear View Mirror

Day/Night rearview mirror — Day/Night rearview mirror

Exterior Mirrors

Door mirrors — Power door mirrors
Folding door mirrors — Manual folding door mirrors
Heated door mirrors — Heated driver and passenger side door mirrors

Front Side Windows

First-row windows — Power first-row windows

Overhead Console

Overhead console — Full overhead console
Overhead console storage — Overhead console storage

Passenger Visor

Visor passenger mirror — Passenger visor mirror

Power Outlets

12V power outlets — 2 12V power outlets

Rear Windshield

Rear windshield — Fixed rear windshield

Storage

Number of beverage holders — 6 beverage holders
Beverage holders — Front beverage holders
Glove box — Illuminated locking glove box
Illuminated glove box — Illuminated glove box
Instrument panel storage — Instrument panel covered bin
Dashboard storage — Dashboard storage

Windows Feature

One-touch up window — Driver and passenger one-touch up windows
One-touch down window — Driver and passenger one-touch down windows

Miscellaneous

Trip computer — Trip computer
PRND in IP — PRND in IP
Upfitter switches — Upfitter switches
Accessory power — Retained accessory power
Over the air updates — Over the air updates

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Selected Equip & Specs (cont'd)

Comfort

Climate Control

Climate control	Manual climate control	Cabin air filter	Cabin air filter

Headliner

Headliner material	Cloth headliner material	Headliner coverage	Full headliner coverage

Floor Trim

Floor covering	Full vinyl floor covering	Floor coverage	Full floor coverage

Steering Wheel

Steering wheel telescopic	Manual telescopic steering wheel	Steering wheel material	Urethane steering wheel
Steering wheel tilt	Manual tilting steering wheel		

Seats and Trim

Seat Capacity

Seating capacity	3

Front Seats

Front seat type	Split-bench front seat	Driver seat direction	Driver seat with 4-way directional controls
Driver seat fore/aft control	Manual driver seat fore/aft control	Passenger seat direction	Front passenger seat with 4-way directional controls
Split front seats	40-20-40 split-bench front seat	Reclining passenger seat	Manual reclining passenger seat
Passenger seat fore/aft control	Manual passenger seat fore/aft control	Front head restraints	Height adjustable front seat head restraints
Front head restraint control	Manual front seat head restraint control	Armrests front center	Front seat center armrest
Armrests front storage	Front seat armrest storage	Reclining driver seat	Manual reclining driver seat

Lumbar Seats

Driver lumbar	Manual driver seat lumbar

Front Seat Trim

Front seat upholstery	Vinyl front seat upholstery	Front seatback upholstery	Vinyl front seatback upholstery

Interior Accents

Interior accents	Chrome interior accents

Gearshifter Material

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Selected Equip & Specs (cont'd)

Gearshifter material	Urethane gear shifter material		

Entertainment Features

LCD Displays

Primary touchscreen display	Primary touchscreen display	Number of first-row LCD displays	2 total number of 1st row displays
LCD primary display size	8 inch primary LCD display		

Radio Features

External memory control	SYNC 4 external memory	Seek scan	Seek scan

Speakers

Speakers	Standard grade speakers	Speakers number	4

Audio Features

Steering mounted audio control	Steering wheel mounted audio controls	Speed sensitive volume	Speed sensitive volume
Voice activated audio	SYNC 4 voice activated audio controls	Wireless streaming	Wireless audio streaming

Lighting, Visibility and Instrumentation

Instrumentation

Trip odometer	Trip odometer	Instrumentation display	Digital/analog instrumentation display
Configurable instrumentation gauges	Configurable instrumentation gauges		

Instrumentation Displays

Temperature display	Exterior temperature display	Driver information center	Driver information center
Clock	In-radio display clock	Compass	Compass

Instrumentation Gauges

Tachometer	Tachometer	Transmission temperature gauge	Transmission fluid temperature gauge
* **Turbo gauge**	**Turbo/supercharger boost gauge**	Engine/electric motor temperature gauge	Engine/electric motor temperature gauge
Gauge cluster display size (inches)	4.20	Engine hour meter	Engine hour meter
* **DEF fluid gauge**	**Diesel exhaust fluid (def) gauge**		

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2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Selected Equip & Specs (cont'd)

Instrumentation Warnings

Engine temperature warning Engine temperature warning
Low fuel warning Low fuel warning
Battery charge warning Battery charge warning
Key in vehicle warning Key in vehicle warning
Service interval warning Service interval indicator
Oil pressure warning Oil pressure warning
Low brake fluid warning Low brake fluid warning
Headlights on reminder Headlights on reminder
Door ajar warning Door ajar warning
* **Low diesel exhaust fluid (DEF) warning** **Low diesel exhaust fluid (DEF) warning**

Glass

Tinted windows Light tinted windows

Headlights

Headlights Halogen headlights
Auto headlights Autolamp auto on/off headlight control
Delay off headlights Delay-off headlights
Headlight type Aero-composite headlights
Multiple headlights Multiple enclosed headlights
DRL preference setting DRL preference setting

Front Windshield

Wipers Variable intermittent front windshield wipers

Interior Lighting

Illuminated entry Illuminated entry
Front reading lights Front reading lights
Variable panel light Variable instrument panel light

Lights

Running lights Daytime running lights
Clearance lights Cab clearance lights
Interior courtesy lights Fade interior courtesy lights
Perimeter approach lighting Remote activated perimeter approach lighting

Technology and Telematics

Connectivity

Handsfree SYNC 4 handsfree wireless device connectivity
Emergency SOS SYNC 4 911 Assist emergency SOS system via mobile device
Smart device integration AppLink/Apple CarPlay and Android Auto smart device wireless mirroring

Internet Access

Internet access FordPass Connect 4G mobile hotspot internet access

USB Ports

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Selected Equip & Specs (cont'd)

USB ports	2 USB ports

Safety and Security

Airbags

Front impact airbag driver	Driver front impact airbag	Number of airbags	6 airbags
Front impact airbag passenger	Cancellable front passenger air bag	Front side impact airbag driver	Seat mounted side impact driver airbag
Front side impact airbag passenger	Seat mounted side impact front passenger airbag	Overhead airbags	Safety Canopy System curtain first-row overhead airbags

Seatbelts

Height adjustable seatbelts	Front height adjustable seatbelts

Security System

Immobilizer	SecuriLock immobilizer	Remote panic alarm	Remote panic alarm

Active Driving Assistance

Lane departure	Lane Departure Warning	Forward collision warning	Pre-Collision Assist with Automatic Emergency Braking (AEB) forward collision mitigation

Cameras

• Rear camera	**Rear mounted camera**

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Warranty

Standard Warranty

Basic Warranty

Basic warranty	36 months/36,000 miles

Powertrain Warranty

Powertrain warranty	60 months/60,000 miles

Corrosion Perforation

Corrosion perforation warranty	60 months/unlimited

Roadside Assistance Warranty

Roadside warranty	60 months/60,000 miles

Additional Warranty

Diesel Engine Warranty

Diesel engine warranty	60 months/100,000 miles

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Prepared for: Mr. Russ Kozyar
Town of Munster
Prepared by: Don Hadley
08/09/2023

Bosak Ford | 244 Melton Road Chesterton Indiana | 463049434

2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
F5H	Base Vehicle Price (F5H)	$56,750.00
Packages		
660A	Order Code 660A *Includes:* *- Transmission: TorqShift 10-Speed Automatic* *10R140 with neutral idle. Includes SelectShift and selectable drive modes: normal, tow/haul, eco, slippery roads and off-road.* *- 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, 2-way adjustable driver/passenger headrests and driver's side manual lumbar.* *- Radio: AM/FM Stereo w/MP3 Player* *Includes 4 speakers.* *- SYNC 4 Communications & Entertainment System* *Includes enhanced voice recognition, 911 Assist, 8" LCD center stack screen, AppLink, 1 smart-charging USB port and trailer brake controller.*	N/C
Powertrain		
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 *Includes Operator Commanded Regeneration (OCR), Diesel Exhaust Fluid (DEF) tank, intelligent oil-life monitor and manual push-button engine-exhaust braking.* *Includes:* *- Dual 68 AH/65 AGM Battery*	$9,995.00
44G	Transmission: TorqShift 10-Speed Automatic *10R140 with neutral idle. Includes SelectShift and selectable drive modes: normal, tow/haul, eco, slippery roads and off-road.*	Included
X4L	Limited Slip w/4.30 Axle Ratio	$395.00
68M	GVWR: 19,500 lb Payload Plus Upgrade Package *Includes upgraded frame, rear-axle and low deflection/high capacity rear springs. Increases max RGAWR to 14,706 lbs. Note: See Order Guide Supplemental Reference for further details on GVWR.*	$1,155.00
Wheels & Tires		
TGM	Tires: 225/70Rx19.5G BSW Traction *Includes 4 traction tires on the rear and 2 A/P tires on the front.*	$190.00
64Z	Wheels: 19.5" x 6" Argent Painted Steel	Included

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As Configured Vehicle (cont'd)

Code	Description	MSRP
	Hub covers/center ornaments not included.	
512	Spare Tire & Wheel Required in Rhode Island. *Excludes carrier.* *Includes:* *- 6-Ton Hydraulic Jack*	$350.00
Seats & Seat Trim		
A	HD Vinyl 40/20/40 Split Bench Seat *Includes center armrest, cupholder, storage, 2-way adjustable driver/passenger headrests and driver's side manual lumbar.*	Included
Other Options		
PAINT	Monotone Paint Application	STD
145WB	145" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/MP3 Player *Includes 4 speakers.* *Includes:* *- SYNC 4 Communications & Entertainment System* *Includes enhanced voice recognition, 911 Assist, 8" LCD center stack screen, AppLink, 1 smart-charging USB port and trailer brake controller.*	Included
473	Snow Plow Prep Package *Includes pre-selected springs (see order guide supplemental reference for springs/FGAWR of specific vehicle configurations). Note 1: Restrictions apply; see supplemental reference or body builders layout book for details. Note 2: Also allows for the attachment of a winch. Note 3: Highly recommended to add (86M) dual battery on 7.3L gas engine. Adding (67B) 410 amp dual alternators for diesel engine is highly recommended for max power output.* *Includes:* *- 350 Amp Dual Alternators* *Includes 190 Amp + 160 Amp.*	$250.00
535	High Capacity Trailer Tow Package *Includes trailer brake wiring kit and upgraded rear axle. Increases GCW from 32,500 lbs. to 40,000 lbs. Note: Salesperson's Portfolio or Trailer Towing Guide should be consulted for specific trailer towing or camper limits and corresponding required equipment, axle ratios and model availability. See Supplemental Reference for vehicle height consideration.*	$580.00
61J	6-Ton Hydraulic Jack	Included
86M	Dual 68 AH/65 AGM Battery	Included
67A	350 Amp Dual Alternators *Includes 190 Amp + 160 Amp.*	Included
65M	26.5 Gallon Mid Ship Fuel Tank	$125.00

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Prepared for: Mr. Russ Kozyar
Town of Munster
Prepared by: Don Hadley
08/09/2023

Bosak Ford | 244 Melton Road Chesterton Indiana | 463049434

2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

As Configured Vehicle (cont'd)

Code	Description	MSRP
	Removes 40 gallon fuel tank.	
872	Rear View Camera & Prep Kit *Pre-installed content includes cab wiring and frame wiring to the rear most cross member. Upfitters kit includes camera with mounting bracket, 20' jumper wire and camera mounting/aiming instructions.*	$415.00
Fleet Options		
WARANT	Fleet Customer Powertrain Limited Warranty Requires valid FIN code. *Ford is increasing the 5-year 60,000-mile limited powertrain warranty to 5-years, 100,000 miles. Only Fleet purchasers with a valid Fleet Identification Number (FIN code) will receive the extended warranty. When the sale is entered into the sales reporting system with a sales type fleet along with a valid FIN code, the warranty extension will automatically be added to the vehicle. The extension will stay with the vehicle even if it is subsequently sold to a non-fleet customer before the expiration. This extension applies to both gas and diesel powertrains. Dealers can check for the warranty extension on eligible fleet vehicles in OASIS. Please refer to the Warranty and Policy Manual section 3.13.00 Gas Engine Commercial Warranty. This change will also be reflected in the printed Warranty Guided distributed with the purchase of every new vehicle.*	N/C
Emissions		
425	50-State Emissions System	STD
Exterior Color		
HX_02	Antimatter Blue Metallic	N/C
Interior Color		
AS_03	Medium Dark Slate w/HD Vinyl 40/20/40 Split Bench Seat	N/C
SUBTOTAL		$70,205.00
Destination Charge		$1,995.00
TOTAL		$72,200.00

N/A

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2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Pricing Summary - Single Vehicle

	MSRP
Vehicle Pricing	
Base Vehicle Price	$56,750.00
Options	$13,455.00
Colors	$0.00
Upfitting	$0.00
Fleet Discount	$0.00
Fuel Charge	$0.00
Destination Charge	$1,995.00
Subtotal	$72,200.00

Pre-Tax Adjustments

Code	Description	MSRP
Munster Trades	TWO F550 TRADES	-$8,000.00
#421 2009 F550 #1FDAF56R09EA04566 $3500 *#422 2012 F550 #1FDUF5HT1CEA45060 $4500*		
Bosak Discount	Bosak Discount and Fleet Incentive	-$7,156.00
Total		$57,044.00

Customer Signature

Acceptance Date

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2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Major Equipment

(Based on selected options, shown at right)
10-speed automatic

Exterior: Antimatter Blue Metallic
Interior: Medium Dark Slate w/HD Vinyl 40/20/40 Split Bench Seat

* 19.5 x 6-inch front and dual rear argent steel wheels
* LT225/70RS19.5 AS BSW front and rear tires
* Lock-up transmission
* PTO transmission provision
* Stainless steel single exhaust
* Battery rating: 750CCA
* Battery run down protection
* Engine retarder system
* 8 inch primary LCD display
* Wireless audio streaming
* Seek scan
* Vehicle body length: 230.7"
* Cab to axle: 60.0"
* Axle capacity rear: 14,706 lbs.
* Axle capacity front: 7,000 lbs.
* Firm ride suspension
* Power door mirrors
* Manual folding door mirrors
* Daytime running lights
* Variable intermittent front windshield wipers
* Front tires LT load rating: G
* Overdrive transmission
* Transmission electronic control
* Alternator Amps: 190A
* Driveline managed traction control
* Dual lead acid battery
* Auxiliary power take-off
* Fuel tank capacity: 26.50 gal.
* Steering wheel mounted audio controls
* AM/FM stereo radio
* SYNC 4 external memory control
* Wheelbase: 145.0"
* Axle to end of frame: 47.2"
* Tire/wheel capacity rear: 15,000 lbs.
* Spring rating front: 7,000 lbs.
* Trip computer
* Heated driver and passenger side door mirrors
* DRL preference setting
* Light tinted windows
* Driver front impact airbag

As Configured Vehicle

	MSRP
STANDARD VEHICLE PRICE	$56,750.00
Order Code 660A	N/C
Transmission: TorqShift 10-Speed Automatic	Included
Wheels: 19.5" x 6" Argent Painted Steel	Included
HD Vinyl 40/20/40 Split Bench Seat	Included
Monotone Paint Application	STD
145" Wheelbase	STD
Radio: AM/FM Stereo w/MP3 Player	Included
Fleet Customer Powertrain Limited Warranty	N/C
50-State Emissions System	STD
SYNC 4 Communications & Entertainment System	Included
Antimatter Blue Metallic	N/C
Medium Dark Slate w/HD Vinyl 40/20/40 Split Bench Seat	N/C
Tires: 225/70Rx19.5G BSW Traction	$190.00
Limited Slip w/4.30 Axle Ratio	$395.00
High Capacity Trailer Tow Package	$580.00
Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20	$9,995.00
Dual 68 AH/65 AGM Battery	Included
GVWR: 19,500 lb Payload Plus Upgrade Package	$1,155.00

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2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Major Equipment

* Seat mounted side impact driver airbag
* Seat mounted side impact front passenger airbag
* SecuriLock immobilizer
* 40-20-40 split-bench front seat
* Driver seat with 4-way directional controls
* Height adjustable front seat head restraints
* Front seat center armrest
* Manual reclining driver seat
* Manual reclining passenger seat
* Vinyl front seat upholstery
* Manual driver seat lumbar
* 4-wheel antilock (ABS) brakes
* Hill Start Assist
* Cancellable front passenger air bag
* 6 airbags
* Manual climate control
* Split-bench front seat
* Front passenger seat with 4-way directional controls
* Manual front seat head restraint control
* Front seat armrest storage
* Manual driver seat fore/aft control
* Manual passenger seat fore/aft control
* Vinyl front seatback upholstery
* 4-wheel disc brakes
* Brake assist system

As Configured Vehicle

	MSRP
Snow Plow Prep Package	$250.00
350 Amp Dual Alternators	Included
Spare Tire & Wheel	$350.00
6-Ton Hydraulic Jack	Included
26.5 Gallon Mid Ship Fuel Tank	$125.00
Rear View Camera & Prep Kit	$415.00
SUBTOTAL	$70,205.00
Destination Charge	$1,995.00
TOTAL	**$72,200.00**

Fuel Economy

City
N/A

Hwy
N/A

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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

A	Front of Bumper to Front Axle	38.30 in.
B	Front Bumper to Back of Cab (BBC)	123.70 in.
C	Wheelbase (WB)	145.00 in.
D	Overall Length (OAL)	230.70 in.
E	Back of Cab to Rear Axle (CA)	60.00 in.
F	Back of Cab to End of Frame	107.20 in.
G	Rear Axle to End of Frame (AF)	47.20 in.
H	Frame Section Height	N/A
I	Rear Frame Height Unloaded	35.10 in.
I	Rear Frame Height Loaded	28.60 in.
J	Cab Height	81.50 in.
K	Body Width	80.00 in.
L	Maximum Ground Clearance	N/A
L	Minimum Ground Clearance	8.20 in.
M	Front Tread	74.80 in.
M	Rear Tread	74.00 in.

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2024 F-550 Chassis 4x4 SD Regular Cab 145" WB DRW XL (F5H)

Vehicle Dimension and Performance Summary (cont'd)

Weight

GVW	Front Axle	Rear Axle	Totals
Chassis	4,661 lbs	3,050 lbs	7,711 lbs
Body	0 lbs	0 lbs	0 lbs
Occupants Weight	300 lbs	150 lbs	450 lbs
Fuel	-65 lbs	-33 lbs	-98 lbs
1 Max Payload - (Max Payload)	2,104 lbs	9,333 lbs	11,437 lbs
TOTAL	**7,000 lbs**	**12,500 lbs**	**19,500 lbs**

Ratings	Front Axle	Rear Axle	GVWR
GAWR	**7,000 lbs**	**14,706 lbs**	**19,500 lbs**
Wheels/Tires	7,500 lbs	15,000 lbs	
Suspension	7,000 lbs	15,000 lbs	
Axle	7,000 lbs	14,706 lbs	
Legal Axle Limit	0 lbs	0 lbs	

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Vehicle Dimension and Performance Summary (cont'd)

Start, Grade and Speed

Start	Ratio	Desired	Calculated
Start grade capability in 1st gear	4.62	15.00 %	57.40 %
Start grade capability in reverse	4.70	15.00 %	58.40 %

Grade	Ratio	Desired	Calculated
Maximum grade in 8th gear	0.85	3.00 %	10.75 %
Maximum grade in 9th gear	0.69	3.00 %	8.68 %
Maximum grade in 10th gear	0.63	3.00 %	7.98 %

Speed	Desired	Calculated
Top Speed (level grade)	75 mph	90 mph
To meet your requirement you need a maximum axle ratio of 5.18		
Top Speed on 3% grade	55 mph	
To meet your requirement you need a maximum of 122 hp		
Cruise Speed	60 mph	79 mph
Engine RPM at desired cruise speed		1,753 rpm

Variables in Use

Rear axle ratio:	4.30/4.30	Governed RPM:	2,640 rpm
Tire size:	225/70R19.5 (645 rev/mile)	Frontal Area:	40.28 Sq.Ft.
Gross Vehicle Weight (GVW):	19,500 lbs	Cruising RPM	2,300 rpm
Clutch engagement torque:	475 ft.lbs.	Worst road surface	Typical Highway
Torque conversion ratio:	1.97	Final Drive Ratio:	0.63
Peak engine torque:	950 ft.lbs.	Drag Coefficient	0.80
Engine Power:	330 hp @ 2,200 rpm		

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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	21.25 ft

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