
2021 F-550 Chassis 4x2 SD Super Cab 168" WB DRW XL (X5G)

Price Level: 115



Client Proposal

Prepared by:
EMANUEL Lopez II
Office: 405-616-3673
Date: 02/17/2021





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Bob Moore Ford | 8948 South I-35 Service Rd. Oklahoma City Oklahoma | 73149

2021 F-550 Chassis 4x2 SD Super Cab 168" WB DRW XL (X5G)

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Selected Equip & Specs

Dimensions

- Exterior length: 253.3"
- Exterior width: 80.0"
- Wheelbase: 168.0"
- Rear track: 74.0"
- Rear tire outside width: 93.9"
- Front legroom: 43.9"
- Front headroom: 40.8"
- Front hiproom: 62.5"
- Front shoulder room: 66.7"
- Passenger volume: 116.0cu.ft.
- Maximum cargo volume: 31.6cu.ft.
- Cab to axle: 60.0"
- Exterior height: 82.0"
- Front track: 74.8"
- Turning radius: 24.0'
- Min ground clearance: 8.3"
- Rear legroom: 33.5"
- Rear headroom: 40.3"
- Rear hiproom: 64.7"
- Rear shoulder room: 65.8"
- Cargo volume: 31.6cu.ft.

Powertrain

- 350hp 7.3L OHV 16 valve V-8 engine with DEVCT variable valve control, SMPI
- federal
- Rear-wheel drive
- Fuel Economy Cty: N/A
- Recommended fuel : regular unleaded
- TorqShift 10 speed automatic transmission with overdrive
- * **Limited slip differential**
- Fuel Economy Highway: N/A

Suspension/Handling

- Front Mono-beam non-independent suspension with anti-roll bar, HD shocks
- Firm ride Suspension
- Front and rear 19.5 x 6 argent steel wheels
- Dual rear wheels
- * **Rear DANA 130 rigid axle leaf spring suspension with anti-roll bar, HD shocks**
- Hydraulic power-assist re-circulating ball Steering
- LT225/70SR19.5 GBSW AS front and rear tires

Body Exterior

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

Convenience

- Manual air conditioning with air filter
- * **Power windows**
- * **Driver and passenger 1-touch down**
- Manual tilt steering wheel
- * **Cruise control with steering wheel controls**
- * **Driver and passenger 1-touch up**
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel

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Selected Equip & Specs (cont'd)

- Day-night rearview mirror
- Emergency SOS
- AppLink smart device integration
- Front and rear cupholders
- Full overhead console
- * **Rear door bins**
- FordPass Connect 4G internet access
- Wireless phone connectivity
- 2 1st row LCD monitors
- Passenger visor mirror
- * **Driver and passenger door bins**
- Upfitter switches

Seats and Trim

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

Entertainment Features

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

Lighting, Visibility and Instrumentation

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

Safety and Security

- 4-wheel ABS brakes
- 4-wheel disc brakes
- Dual front impact airbag supplemental restraint system with passenger cancel
- Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system
- * **Power remote door locks with 2 stage unlock and panic alarm**
- * **MyKey restricted driving mode**
- 3 manually adjustable rear head restraints
- Brake assist
- Driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- * **Remote activated perimeter/approach lighting**
- * **Security system with SecuriLock immobilizer**
- Manually adjustable front head restraints

Dimensions

General Weights

* Curb	7,134 lbs.	* GVWR	19,500 lbs.
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Selected Equip & Specs (cont'd)

* **Payload** **12,510 lbs.**

Front Weights

Front GAWR 5,200 lbs.
Front axle capacity 7,000 lbs.
Front tire/wheel capacity 7,500 lbs.

* **Front curb weight** **3,904 lbs.**
Front spring rating 5,200 lbs.

Rear Weights

* **Rear GAWR** **14,706 lbs.**
* **Rear axle capacity** **14,706 lbs.**
Rear tire/wheel capacity 15,000 lbs.

* **Rear curb weight** **3,230 lbs.**
* **Rear spring rating** **15,000 lbs.**

Trailing Type

Harness Yes

Trailer sway control Yes

General Trailing

5th-wheel towing capacity 20100 lbs.
Towing capacity 18500 lbs.

Gooseneck towing capacity 20100 lbs.
GCWR 28000 lbs.

Fuel Tank type

Capacity 40 gal.

Off Road

Min ground clearance 8 "

Interior cargo

Cargo volume 31.6 cu.ft.

Maximum cargo volume 31.6 cu.ft.

Rear Frame

Height loaded 28 "

Height unloaded 34 "

Powertrain

Engine Type

Block material Iron
Head material Aluminum
Injection Sequential MPI
Orientation Longitudinal
Valves per cylinder 2
Variable valve control DEVCT

Cylinders V-8
Ignition Spark
Liters 7.3L
Recommended fuel Regular unleaded
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

Output 350 HP @ 3,900 RPM

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Selected Equip & Specs (cont'd)

Torque 468 ft.-lb @ 3,900 RPM

Alternator

Type HD Amps 240

Battery

Amp hours 78 Cold cranking amps 750
Run down protection Yes Type HD

Transmission

Electronic control Yes Lock-up Yes
Overdrive Yes Speed 10
Type Automatic

Transmission Gear Ratios

1st 4.696	2nd 2.985
3rd 2.146	4th 1.769
5th 1.52	6th 1.275
7th 1	8th 0.854
9th 0.689	10th 0.616
Reverse Gear ratios 4.866	

Transmission Extras

Driver selectable mode Yes Sequential shift control SelectShift
Oil cooler Regular duty

Drive Type

Type Rear-wheel

Drive Feature

* **Limited slip differential** **Mechanical** Traction control Driveline

Drive Axle

Ratio 4.88

Exhaust

Material Stainless steel System type Single

Emissions

CARB Federal

Fuel Economy

Fuel type Gasoline

Driveability

Brakes

ABS 4-wheel ABS channels 3

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Selected Equip & Specs (cont'd)

Type	4-wheel disc	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 130 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	Argent	Material	Steel
Front Tires			

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Selected Equip & Specs (cont'd)

Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
Tread	AS	Type	LT
Width	225mm	LT load rating	G
RPM	647		

Rear Tires

Aspect	70	Diameter	19.5"
Sidewalls	BSW	Speed	S
Tread	AS	Type	LT
Width	225mm	LT load rating	G
RPM	647		

Spare Tire

* Mount	Frame mounted	* Type	Full-size
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Wheels

Front track	74.8"	Rear track	74.0"
Turning radius	24.0'	Wheelbase	168.0"
Rear tire outside width	93.9"		

Body Features

Front splash guards	Yes	Body material	Aluminum
Side impact beams	Yes	Front tow hook(s)	2

Body Doors

Door count	4	Left rear passenger	Reverse opening
Right rear passenger	Reverse opening		

Exterior Dimensions

Length	253.3"	Body width	80.0"
Body height	82.0"	Cab to axle	60.0"
Axle to end of frame	47.2"	* Frame section modulus	17.2cu.in.
Frame yield strength (psi)	50000.0	Frame rail width	34.2"
Front bumper to Front axle	38.3"	Cab to end of frame	107.2"
Front bumper to back of cab	146.3"		

Safety

Airbags

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

Seatbelt

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Selected Equip & Specs (cont'd)

Height adjustable Front

Security

* Immobilizer **SecuriLock** * Panic alarm **Yes**
* Restricted driving mode **MyKey**

Seating

Passenger Capacity

Capacity 6

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

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

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Selected Equip & Specs (cont'd)

Audio System

Radio	AM/FM stereo	Radio grade	Regular
Seek-scan	Yes	External memory control	SYNC

Audio Speakers

Speaker type	Regular	Speakers	4
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Audio Controls

Steering wheel controls	Yes	Voice activation	Yes
Streaming audio	Bluetooth yes		

Audio Antenna

Type	Fixed
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LCD Monitors

1st row	2	Primary monitor size (inches)	4.2
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Cruise Control

* **Cruise control. With steering wheel controls**

Convenience Features

* Retained accessory power	Yes	12V DC power outlet	3
Emergency SOS	Mobile device	Wireless phone connectivity	Bluetooth
Smart device integration	App link	Upfitter switches	Yes

Door Lock Activation

* Type	Power with 2 stage unlock	* Remote	Keyfob (front doors)
* Integrated key/remote	Yes		

Door Locks Extra FOB Controls

Remote engine start	Smart device only
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Instrumentation Type

Display	Analog
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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		

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Selected Equip & Specs (cont'd)

Instrumentation Displays

Clock	In-radio display	Compass	Yes
Exterior temp	Yes	Systems monitor	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** **Power**

Windows Rear Side

* **2nd row activation** **Power**

Window Features

* 1-touch down	Driver and passenger	* 1-touch up	Driver and passenger
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
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Floor Trim

Coverage	Full	Covering	Vinyl/rubber
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Trim Feature

Gear shifter material	Urethane	Interior accents	Chrome
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Lighting

Dome light type	Fade	Front reading	Yes
* Illuminated entry	Yes	Variable IP lighting	Yes

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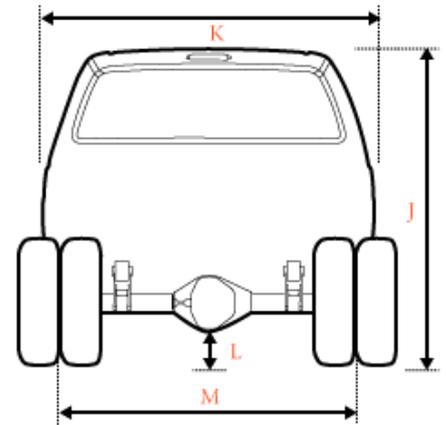
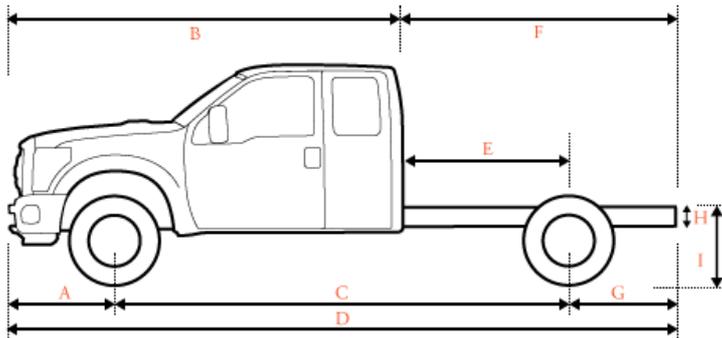
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Vehicle Dimension and Performance Summary

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)	146.30 in.
C	Wheelbase (WB)	168.00 in.
D	Overall Length (OAL)	253.30 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	34.50 in.
I	Rear Frame Height Loaded	28.50 in.
J	Cab Height	82.00 in.
K	Body Width	80.00 in.
L	Maximum Ground Clearance	N/A
L	Minimum Ground Clearance	8.30 in.
M	Front Tread	74.80 in.
M	Rear Tread	74.00 in.

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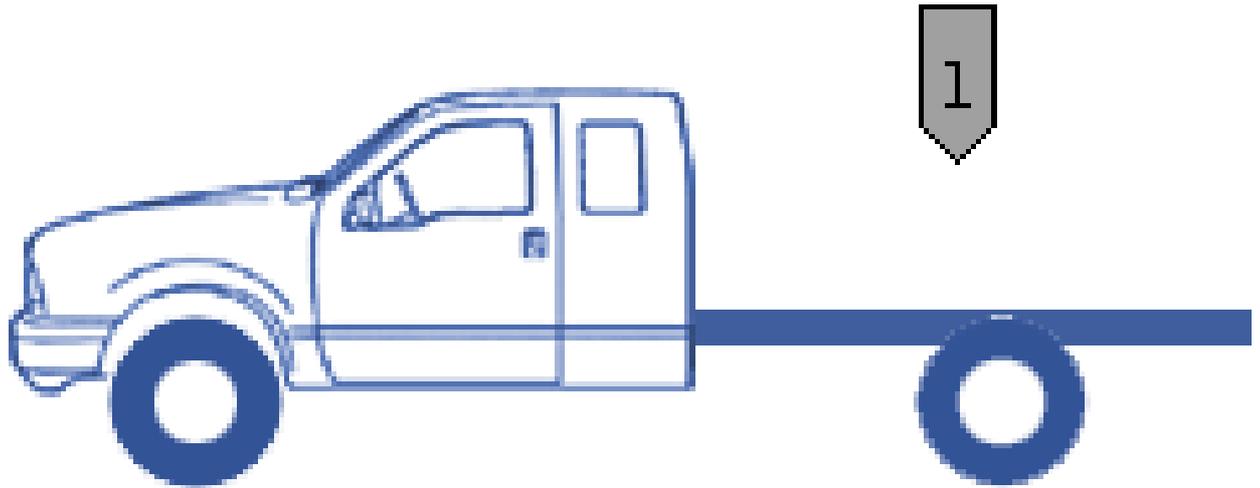
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Vehicle Dimension and Performance Summary (cont'd)



Weight

GVW	Front Axle	Rear Axle	Totals
Chassis	3,904 lbs	3,230 lbs	7,134 lbs
Body	0 lbs	0 lbs	0 lbs
Occupants Weight	600 lbs	300 lbs	900 lbs
1 Max Payload - (Max Payload)	696 lbs	10,770 lbs	11,466 lbs
TOTAL	5,200 lbs	14,300 lbs	19,500 lbs

Ratings	Front Axle	Rear Axle	GVWR
GAWR	5,200 lbs	14,706 lbs	19,500 lbs
Wheels/Tires	7,500 lbs	15,000 lbs	
Suspension	5,200 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	4.70	15.00 %	33.26 %
Start grade capability in reverse	4.87	15.00 %	34.46 %
Grade	Ratio	Desired	Calculated
Maximum grade in 8th gear	0.85	3.00 %	6.05 %
Maximum grade in 9th gear	0.69	3.00 %	4.88 %
Maximum grade in 10th gear	0.62	3.00 %	4.36 %
Speed		Desired	Calculated
Top Speed (level grade)		75 mph	120 mph
<i>To meet your requirement you need a maximum axle ratio of 9.39</i>			
Top Speed on 3.0% grade		55 mph	
<i>To meet your requirement you need a maximum of 122 hp</i>			
Cruise Speed		60 mph	80 mph
Engine RPM at desired cruise speed			1,945 rpm

Variables in Use

Rear axle ratio:	4.88/4.88	Peak Torque RPM:	3,900 rpm
Tire size:	225/70R19.5 (647 rev/mile)	Frontal Area:	40.56 Sq.Ft.
Gross Vehicle Weight (GVW):	19,500 lbs	Cruising RPM	2,600 rpm
Clutch engagement torque:	234 ft.lbs.	Worst road surface	Typical Highway
Torque conversion ratio:	2.00	Final Drive Ratio:	0.62
Peak engine torque:	468 ft.lbs.	Drag Coefficient	0.80
Engine Power:	350 hp @ 3,900 rpm		

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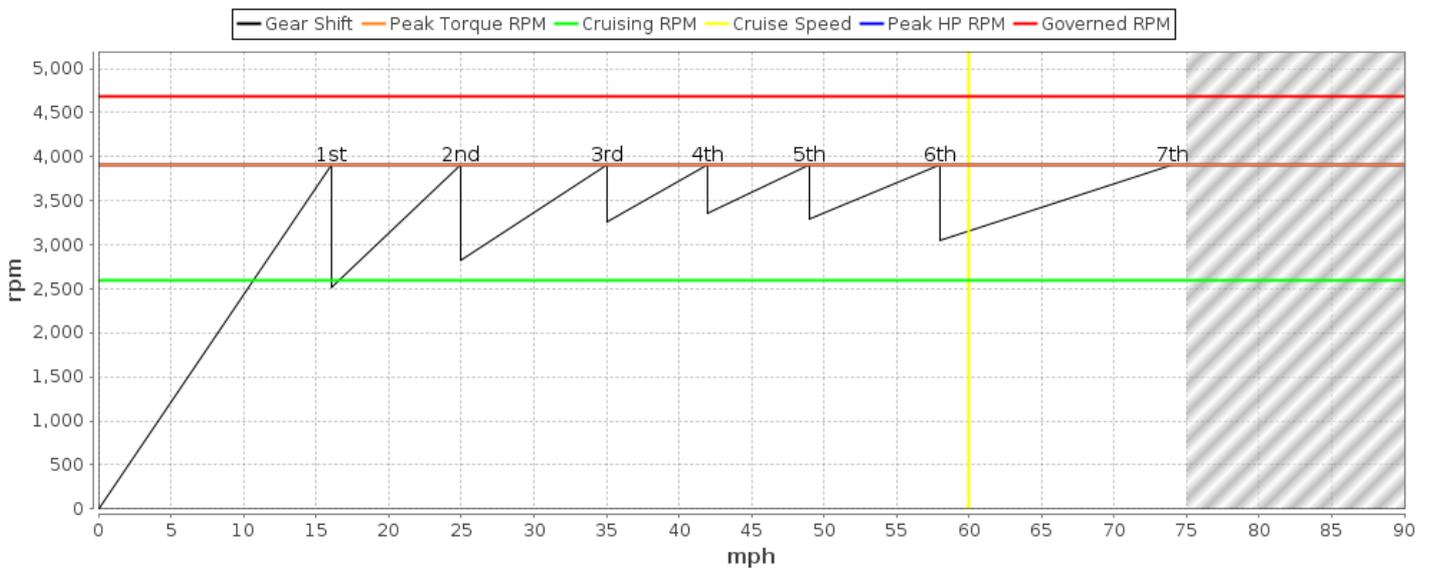
Vehicle Dimension and Performance Summary (cont'd)

Shift Chart

Shift Chart displays mathematical geared speed.

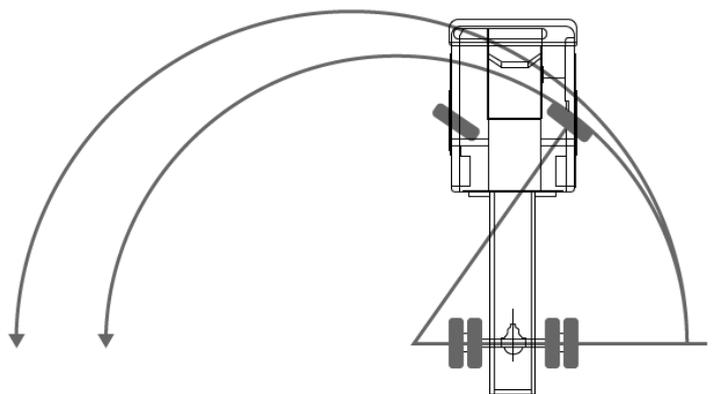
Diesel engines use Governed RPM for shift points.

Gas engines use Peak Torque RPM for shift points.



Turning Radius

Turning Radius 24.05 ft



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Pricing Summary - Single Vehicle

	MSRP
<i>Vehicle Pricing</i>	
Base Vehicle Price	\$43,185.00
Options	\$2,965.00
Colors	\$0.00
Upfitting	\$0.00
Fleet Discount	\$0.00
Destination Charge	\$1,695.00
Total	\$47,845.00

Customer Signature

Acceptance Date