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WHAT'S NEW

2007 Ford LCF

This page is about:

- Overview
- Interior Changes
- Exterior Change
- Option Changes
- Key Competitors

What's New

Overview

FORD LCF



- Trademark "Built Ford Tough" attributes such as capability, power, quality, reliability, and range and depth of product choices solidly address tilt cab users
- The Ford LCF is built in and for North America, allowing quicker turnaround for VSO orders (compared to some competitor's products which are designed for other markets and may require extensive lead time for vehicle orders)

Interior Changes

- Cloth seats now standard
- Center seatback has an integral headrest
- Power windows and door locks are standard (also an available Delete Option)

Exterior Change

- Combined stop lights, turn signals and taillights

Option Changes

- Optional Michelin traction tire is offered (225/70R19.5F XDE M/S)
- Rear shock absorbers optional
- Interior Upgrade Package no longer available



Key Competitors

- **Isuzu/GM** — sales leader in low cab forward trucks, offers a wide variety of powertrains and wheelbases
- **Mitsubishi Fuso** — marketed as the most economical, easiest-to-drive trucks

Product Highlights

HERE ARE THE MOST IMPORTANT FORD LCF FEATURES TO MENTION TO YOUR CUSTOMERS:

Fast-Forward Body Program
provides ready-to-drive Ford LCFs
(pg. 10)

Designed and built for
North America
(pg. 8)

Reliable 4.5L
Power Stroke® V-6
turbo diesel engine
(pg. 6)

More torque and
horsepower than
most competitors
(pg. 6)

Industry-standard
frame rail width with
easy body mounting
(pgs. 10, 11)

Best-in-class
maneuverability
(pg. 11)



Key Features

Performance/Handling

- Reliable 4.5L Power Stroke® V-6 turbo diesel engine
 - 200 horsepower @ 2650 rpm
 - 440 lb.-ft. of torque @ 1850 rpm
- More torque and horsepower than most competitors
- TorqShift™ 5-speed automatic overdrive transmission with Tow/Haul mode and optional power takeoff (PTO) provision
- Front and rear leaf-spring suspensions with front stabilizer bar

Quality/Reliability/Durability

- Designed and built for North America
- Many service parts common with F-Series Super Duty trucks

Flexibility

- Four-wheel disc brakes with Anti-lock Braking System (ABS)
- Huck-bolted, ladder-type frame, the segment's strongest
- High-strength 50,000 psi steel
- Best-in-class maneuverability
- Tilt/telescoping steering wheel standard for driver comfort
- 40-gallon fuel tank aft of axle between the frame rails is standard; single and dual 35-gallon side-mounted tank options available
- Fast-Forward Body Program provides ready-to-drive Ford LCFs

Capability

- A choice of GVWRs and GAWRs to handle a variety of jobs:
 - L45 with standard 16,000-lb. GVWR (Class 4)
 - Optional 15,000-lb. GVWR
 - Standard 6000-lb. front GAWR
 - Standard 11,000-lb. rear GAWR
 - Optional 7000-lb. front GAWR
 - L55 with standard 19,500-lb. GVWR (Class 5)
 - Optional 17,999-lb. GVWR
 - Standard 7000-lb. front GAWR
 - Standard 13,500-lb. rear GAWR
- Choice of five wheelbases and five cab-to-axle (CA) dimensions
- Short, 73.2-inch effective bumper-to-back-of-cab (BBC) dimension
- Industry-standard 34-inch frame rail width with easy body mounting

MODEL LINEUP

This page is about:

- Standard Equipment
- Optional Equipment

2007 Ford LCF

Model Lineup

Standard Equipment

Performance/Handling

- Brakes — Hydraulic Split System
3 Channel ABS
- Engine — Power Stroke® Diesel
- Shock Absorbers — Front
- Stabilizer Bar, Front
- Steering, Power — Ross TAS37
- Tires — Goodyear G647 225/70R19.5 Load range F
- Transmission — TorqShift™ 5-Speed Automatic O/D Less power takeoff (PTO) provision with Tow/Haul feature

Quality/Reliability/Durability

- Air Cleaner — With FilterMinder indicator
- Alternator — 135-amp, Visteon Pad Mounted
- Battery (2) Group 31 Motorcraft
- Emissions — 50 state
- Frame — High strength, low alloy
- Fuel Tank — Steel, includes fuel filler assembly and vent hosing — 40-gallon
- Tow Hooks — Two front

Flexibility

- Bumper, Front — Molded argent
- Cab Steps — Integrated into wheelie lip
- Cup Holders — (2) Located in instrument panel, pull out, (2) Located in center fold-down seat
- Dome Lamp — LH/RH door operated or manual overhead switch
- Door Trim — With LH/RH map pocket
- Doors — With drop window
- Floor Covering — Vinyl floor cover
- Glass, Tinted
- Grab Handles — Driver and passenger A pillar grab handles
- Grille — Dark Shadow Grey
- Handles, Door — Black
- Headlights — Jeweled appearance
- Headliner — Color-coordinated cloth trim
- Horn — Electric
- Instrument Panel — Color-coordinated with triple glove boxes, 2 storage bins, 4 frontal air registers, LH/RH window registers, LH and center ashtray and cigar lighter

- Instrumentation — Tachometer, trip odometer, fuel gauge, coolant temperature gauge and indicator lights (battery light, check electrical system, check transmission, brake fluid, wait to start lights)
- License Plate Bracket — Molded into bumper fascia
- Lights — Roof clearance/marker lights (5)
- Mirror — Rearview
- Mirrors — (2) Rectangular, 6"x11", brackets breakaway type with 102" wide spacing with rectangular 8"x6" convex both sides
- Overhead Bin — Full-length storage
- Power Point — (1) Located below instrument panel right side
- Power Windows (driver one-touch down)
- Power Door Locks
- Radio — AM/FM electronically tuned stereo and clock
- Safety Belts — Driver and passenger 3-point, center lap only
- Scuff Plates — Color-coordinated with interior

- Seat, Driver — High tilt-back with integral headrest, cloth covered
 - Seats, 2-person Passenger — Cloth covered, high-back passenger with integral head restraint, center seatback with head restraint. Folding backs include notebook tray
 - Speed Control
 - Steering Column — Tilting and telescoping
 - Steering Wheel — Spoke, 16" dia., grey
 - Sunvisors — Vinyl (driver with strap)
 - Trans Shift Control — Floor mounted with button for Tow/Haul activation
 - Wheels — Six, 19.5" x 6.00" hub piloted - Ten Lug; painted white steel
 - Wiper Control — Fixed and interval with wet arm washer fluid delivery
- #### Capability
- Auxiliary Springs — Rear — Rubber 1500 lbs. Rating
 - Axle, Front — I-beam type, Dana Spicer
 - Axle, Rear — Single Reduction, Dana Spicer (S110)
 - Springs, Front — Taper leaf
 - Springs, Rear — Single variable-rate with 1,500 lbs. auxiliary

NOTE: The above information is an excerpt from pages 2 and 3 of the 3/12/06 Ford LCF Dealer Ordering Guide. Latest Dealer Ordering Guide: fmcdealer.com

Optional Equipment

	L45	L55
Performance/Handling		
4.5L V-6 Power Stroke TorqShift 5-Speed Automatic O/D (with PTO provision)	O	O
Tires/Wheels:		
Michelin 225/70R19.5 XZE	O	O
Michelin 225/70R19.5F XDE M/S (Drive Wheels)	O	O
Quality/Reliability/Durability		
Fuel Tank, Rectangular Steel, 35 Gal., Mounted Left Side, Replaces 40 Gal. Aft Of Axle	O	O
Fuel Tank, Rectangular Steel, (2) 35 Gal., 70 Gal. Total, Mounted Left and Right Sides, Replaces 40 Gal.	O	O
Tire, Spare	O	O
Flexibility		
Air Conditioning, with Integral Heater and Defroster	O	O
Audio:		
Electronic AM/FM Stereo/Single CD Player/Clock	O	O
Radio Prep Package	O	O
Back-Up Alarm, Electric	O	O
Block Heater, Engine, 120 Volt/1,000 Watt	O	O
Daytime Running Lamps (2)	O	O
Grille, Chrome	O	O
Remote Keyless Entry	O	O
Taillights Delete	O	O
Wheels, Polished Aluminum, 19.5"	O	O
Capability		
Axle, Front I-Beam Type, 7000 Lbs. Capacity	O	S
Axle, Rear, 13,500 Lbs. Capacity	—	S
GVWR 15,000 Lbs.	O	—
GVWR 17,950 Lbs.	—	O
Rear shock absorbers	O	O
Suspension, Front Spring, 7000 Lbs. Capacity	O	S

S = Standard O = Optional — = Not available

NOTE: The above information is an excerpt from page 4 of the 3/12/06 Ford LCF Dealer Ordering Guide. Restriction information and the most recent Dealer Ordering Guide: fmcdealer.com

2007 Ford LCF

Model Lineup

MODEL LINEUP

This page is about:

Major Product Summary

Major Product Summary

The chart below highlights the key model features that you may want to share with your customers.

L45



Performance/Handling

- Engine
 - 4.5L V-6 Power Stroke® Diesel, 200 hp @ 2650 rpm, 440 lb.-ft. torque @ 1850 rpm
- Transmission
 - Standard TorqShift™ automatic 5-speed, rear-wheel drive, overdrive without power takeoff (PTO) provision
 - Optional TorqShift automatic 5-speed, rear-wheel drive, overdrive with PTO gear provision on left side
- Cab Forward — Tilting front cab to allow ease of powertrain servicing
- Exceptional maneuverability with tight turning radius
- Cloth Covered Driver and Two-person Passenger Seat, High-back with Integral Head Restraint, and individual Folding Back
- One-touch-down Power Driver Window, Power Passenger Window
- Power Door Locks
- Short bumper-to-back-of-cab (BBC) dimension

Quality/Reliability/Durability

- Standard 34-inch frame rail spacing for ease of body upfits

Flexibility

- Cab-to-axle (CA) and axle-to-end-of-frame (AF) offerings that match F-Super Duty® and most common van body offerings

Capability

- Body Type L45
 - Standard GVWR – 16,000 lbs.
 - Optional GVWR – 15,000 lbs.
- Clean cab-to-axle (CA) on top of frame to maximize body adaptability
- GCWRs to 22,000 lbs.
- Payloads up to 13,000 lbs.

L55



Performance/Handling

- Engine
 - 4.5L V-6 Power Stroke® Diesel, 200 hp @ 2650 rpm, 440 lb.-ft. torque @ 1850 rpm
- Transmission
 - Standard TorqShift™ automatic 5-speed, rear-wheel drive, overdrive without PTO
 - Optional TorqShift automatic 5-speed, rear-wheel drive, overdrive with PTO gear provision on left side
- Exceptional maneuverability with tight turning radius
- Cloth Covered Driver and Two-Person Passenger Seat, High-back with Integral Head Restraint, and individual Folding Back
- One-touch-down Power Driver Window, Power Passenger Window
- Power Door Locks
- Short bumper-to-back-of-cab (BBC) dimension

Quality/Reliability/Durability

- Standard 34-inch frame rail spacing for ease of body upfits

Flexibility

- Cab-to-axle (CA) and axle-to-end-of-frame (AF) offerings that match F-Super Duty and most common van body offerings
- Cab Forward — Tilting front cab to allow ease of powertrain servicing

Capability

- Body Type L55
 - Standard GVWR = 19,500 lbs.
 - Optional GVWR = 17,999 lbs.
- Clean cab-to-axle (CA) on top of frame to maximize body adaptability
- GCWRs to 26,000 lbs.
- Payloads over 13,000 lbs.

Ford LCF

NOTE: The above information is an excerpt from page 1 of the 3/12/06 Ford LCF Dealer Ordering Guide. Latest Dealer Ordering Guide: fmcdealer.com

- Key Features
- Engine

2007 Ford LCF

Performance/Handling

Key Features

Performance/Handling

FORD LCF



- The Ford LCF models provide the power your customers are looking for with the segment-exclusive V-6 diesel engine
- The TorqShift™ transmission is also an important part of the overall power, reliability and efficiency of this robust powertrain

Engine — the standard reliable 4.5L Power Stroke® V-6 turbo diesel engine produces 200 horsepower @ 2650 rpm and 440 lb.-ft. of torque @ 1850 rpm — more horsepower and torque than most competitors

Transmission — TorqShift™ 5-speed automatic transmission standard on all models

Front axles — a 6000-lb. axle is standard on the L45 model; a 7000-lb. axle is standard on the L55 model and optional on L45

Rear axles — the standard rear axle on the L45 model is rated at 11,000 lbs. and the standard rear axle on the L55 model is rated at 13,500 lbs.

Steering — integral power steering is standard on all Ford LCF models

Engine Specifics

4.5L Power Stroke® V-6 Turbo Diesel Engine

Standard on all models, delivers 200 horsepower @ 2650 rpm and 440 lb.-ft. of torque @ 1850 rpm. The 4.5L is the only V-6 offered in the segment in Classes 4 and 5. The engine also has best-in-class horsepower and torque (Class 4).

- **Engine design** — direct-injection 4-valves-per-cylinder design with cast iron block and heads. The engine is an overhead valve (OHV) design with hydraulic valve lifters for valve actuation
- **Fuel delivery** — the hydraulic rail fuel injection system uses generation-2 electrohydraulic injectors to reduce engine noise, vibration and harshness (NVH)
- **Dual-stage Turbo Design** — uses two-stage exhaust-driven turbine to increase incoming air density and thus power. The first stage of the turbocharger provides good low-speed response since it is able to “spool-up” quickly at relatively low engine speed, while the second stage provides increased power at highway speeds
- **Cooled Exhaust Gas Recirculation (EGR)** — helps to lower emissions by reintroducing cooled exhaust gas into the cylinders and thus lowering combustion temperatures
- **Ease of service** — the engine design helps provide improved serviceability of certain scheduled maintenance items like the fuel and oil filters, which are mounted on top of the engine. Both filters are a cartridge design to further help in reducing disposal costs
- **Quietness** — the engine is quieter due to the electrohydraulic injectors, the robust construction of the block and lower bedplate and the location of the timing gears at the rear of the engine



TorqShift™ 5-speed Automatic Overdrive Transmission with Tow/Haul Mode

Standard on all Ford LCF models without a power takeoff (PTO) provision. The PTO provision is available when order code 44B is selected. The TorqShift is specifically designed to handle the high torque outputs of the Power Stroke turbo diesel engines.

- **Torque Converter** — designed to maximize low-speed torque capability
- **Large pump design** — allows for increased transmission lubrication and better cooling
- **Pure electronic shift controls** — provide optimized shifts for more responsiveness
- **Externally mounted spin-on transmission oil filter** — for easier serviceability
- **Gearing and precision clutch material** — designed to enhance durability
- **Selectable Tow/Haul mode** — helps eliminate unwanted gear search on steep grades and helps provide enhanced engine braking when descending steep grades, almost eliminating the need for an exhaust brake
- **Common design with other Ford trucks** — increases parts and service availability
- **TorqShift is standard** — all models
- **Available with power takeoff (PTO) provision** — available on all models, PTO and stationary elevated idle control (SEIC) logic and programming is integral with the powertrain control module (PCM); order code 44B provides access on the left side of the transmission. The TorqShift transmission permits PTO operation in all gears, allowing it to power auxiliary equipment over a wide range of operating conditions

2007 Ford LCF

Performance/Handling

PERFORMANCE/HANDLING

This page is about:

- Power Takeoff (PTO) Provision
- Stationary Elevated Idle Control (SEIC)
- Suspension

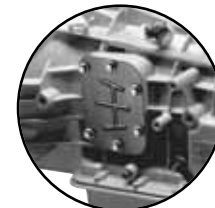
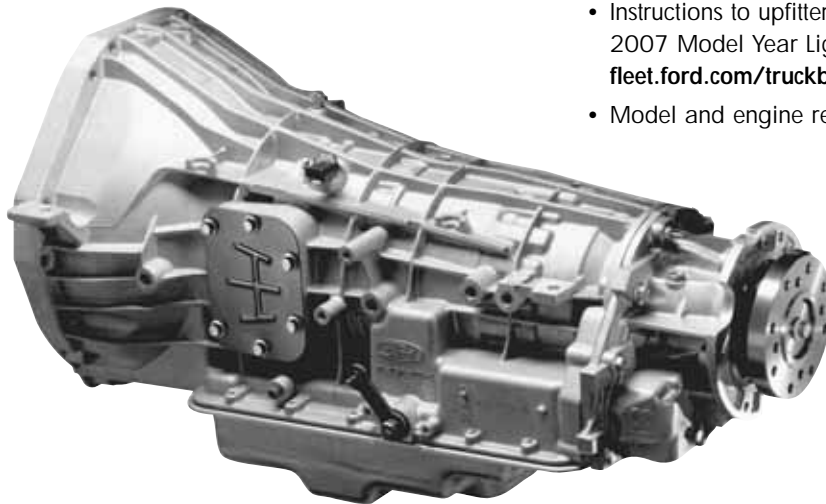
Auxiliary Power Features

Transmission Power Takeoff (PTO) Provision

- A power takeoff (PTO) provision is an added benefit for customers with specific power needs
- It enables upfitters to supply power to hydraulically driven accessories such as dump bodies, sprayers, pumps, generators, etc.
- This is option code 44B and must be ordered to get a PTO gear and port with the TorqShift™ 5-speed automatic transmission

Stationary Elevated Idle Control (SEIC)

- Acts as the “throttle kicker,” when increased engine speed is needed
- Consists of strategy embedded in the powertrain control module (PCM) and a set of blunt-cut wires to command it
- Selling dealer must obtain the customer interface (PTO controller or switch) from the aftermarket
- Engine speed — 1200 to 2400 rpm (6.0L diesel engine)
- Automatically locks the torque converter
 - This gives power to the PTO gear for the TorqShift automatic transmission when the operator turns on the PTO switch
- Instructions to upfitters for completing the SEIC/PTO circuitry: 2007 Model Year Light Truck Body Builders Layout Book at fleet.ford.com/truckbbas
- Model and engine restrictions: Latest Dealer Ordering Guide



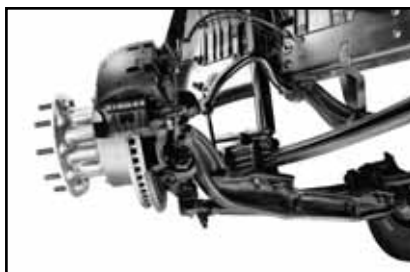
PTO Port

Ford LCF

Suspension Specifics

I-Beam Type Monobeam Front Axle

- 6000-lb. rating standard on L45 models
- 7000-lb. rating standard on L55 models, optional on L45 models
- Long tapered-leaf springs for outstanding ride and handling
- Shock absorbers
- Stabilizer bar



Full-floating Rear Axle

- 11,000-lb. rating standard on L45 models
- 13,500-lb. rating standard on L55 models
- Long tapered-leaf springs for outstanding ride and handling
- Standard auxiliary AEON springs provide additional stiffness without the need for higher-rated springs



2007 Ford LCF

Quality/Reliability/Durability

This page is about:

- Full-tilt Cab
- Maintenance-free Battery
- Designed and Built for North America
- Additional Features

Key Features

Quality/Reliability/Durability

FORD LCF



- The Ford LCF is built in the “Built Ford Tough” tradition with Super Duty®-proven equipment and easily accessed maintenance items
- A key product highlight of the Ford LCF is that it is designed and built for North America, to fit a wide range of uses and to meet the needs of your most demanding customers

Ford trucks have a well-earned reputation for quality and durability, a reputation your customers have come to rely on. The 2007 Ford LCF models will live up to this reputation and your customers’ expectations because Ford puts these trucks through rigorous durability tests that simulate 150,000 miles of typical use.

Full-tilt cab — the tilt-forward cab design allows for easy behind-the-cab access for routine fluid and maintenance checks

Maintenance-free battery — reduces long-term maintenance costs

Designed and built for North America — allows for a quicker turnaround of Vehicle Special Orders (VSO), compared to other competitors that may require extensive lead time for VSO

Additional Features

Feature	Benefit
Yellow-coded Service Points	These enable Service Technicians to readily identify key components during routine maintenance; service can be performed quickly and efficiently
Availability of Common Super Duty® Parts	Many service parts are shared with other Super Duty trucks, reducing inventories and stocking costs

2007 Ford LCF

Quality/Reliability/Durability

QUALITY/RELIABILITY/DURABILITY

This page is about:

A Smart Commercial Investment

A Smart Commercial Investment

Your commercial customers can rest assured that they are making a smart purchase because of the following features:

- Ford Extended Service Plan (Ford ESP) and Fleet Service Plan (FSP) coverage is available for almost every customer need and budget. If your customer's business requires extensive and widespread travel, they can be reassured knowing the 50-state network of dealers is there to serve them
- When commercial customers choose a Ford LCF, they also get thousands of qualified Service Technicians who can be reached beyond the standard 9-to-5 business day
- The Ford Motor Company Business Preferred Network (BPN) is a cohesive and comprehensive approach to the commercial/fleet sales, parts and service and financial services business
 - BPN integrates existing commercial/fleet business activities such as Quality Fleet Care, QualityCare Maintenance Protection Plan (QCMPP), Ford Extended Service Plan (ESP) including the CommercialLeasePlus, etc.
- The Uptime-Critical Parts Program allows dealers to order selected uptime-critical parts for delivery 365 days a year
 - The Uptime-Critical Parts Program can ONLY be used to support critical commercial truck needs outside of "normal" FCSD order-processing business hours as follows:
 - Monday through Sunday — from the customer's facing depot's local emergency cutoff time until midnight ET. The only exception to this is heavyweight parts (150+ lbs.) where the order cutoff time will be 11:00 p.m. ET and delivery is second day by 4:30 p.m. local time. This is to allow extra handling time required for such parts
 - Vehicle Down orders will ONLY be taken beyond normal Ford Customer Service Division (FCSD) emergency order processing hours. Customers will still be required to submit their normal daily and emergency requirements through the normal FCSD channels
 - Parts under 150 lbs. are delivered between 8:00 a.m. and 10:30 a.m. (including Saturday and Sunday) if ordered between 3:00 p.m. and midnight ET
 - Parts over 150 lbs. are delivered the second day between 10:30 a.m. and 4:30 p.m. when ordered between 3:00 p.m. and 11:00 p.m. ET
 - Included are critical parts that cause downtime or make a vehicle inoperable, including Vehicle Down parts, safety issue parts, lights, exterior mirrors and DSO parts
 - Parts not available include hazardous materials, body and trim, glass, yard storage parts and parts for vehicle models before 1990
- Orders may be placed by calling the Customer Service Commercial Truck Center at 800-782-5050



FLEXIBILITY

This page is about:

- GVWRs
- Wheelbases/Cab-to-Axle Lengths
- Ladder-type Frame
- Fuel Tanks
- Braking System
- Fast Forward Body Program

2007 Ford LCF

Flexibility

Key Features

Flexibility

FORD LCF



- The Ford LCF is designed to accommodate a wide range of uses, from pickup and delivery to towing and recovery, landscape and other urban service applications
- With industry-standard 34-inch-wide frame rails and the multiple wheelbase and cab-to-axle (CA) lengths available, your customer will be able to select the right combination for the work to be done

GVWRs

- Four GVWRs available: 15,000 lbs., 16,000 lbs., 17,999 lbs. and 19,500 lbs., to cover a wide range of demands

Wheelbases (WB)/Cab-to-axle (CA) lengths

Ford LCF is available in five different wheelbases/cab-to-axle dimensions including:

- 113-inch WB/84-inch CA
 - Available with either 47.5-inch or 63-inch AF (axle-to-end-of-frame) dimension
- 137-inch WB/108-inch CA
 - Available with either 47.5-inch or 63-inch AF dimension
- 149-inch SB/120-inch CA
 - Available with either 47.5-inch or 75-inch AF dimension
- 167-inch WB/138-inch CA (75-inch AF)
- 185-inch WB/156-inch CA (96-inch AF) (L55 only — not available with L45)
- CA dimensions are measured from a useable part on the frame (not from the back of the cab) and the AF choices are compatible with the industry-leading Super Duty® F-350 to F-550 Chassis Cab, allowing ease of upfitting
- The LCF chassis can be upfitted with a wide range of body types and equipment for use in urban applications such as pickup and delivery (dry or refrigerated), beverage, utility, recovery and landscaping

Ladder-type frame

With the following features:

- Made of high-strength, low-alloy steel
- U.S. industry-standard 34-inch frame rail spacing
- Strongest standard frame in the segment (461,000 in.-lbs. RBM [resisting bending moment])
- Segment-exclusive Huck-bolted crossmembers for the highest assembly integrity and longevity (compared to riveted design of leading competitor)
- Flat frame rails provide a clean CA, with no projections above the top of the frame
- Design helps body builders make modifications and add bodies more efficiently

Fuel tanks

Include:

- Standard 40-gallon fuel tank mounted between the frame rails and behind the rear axle for improved weight distribution
- Optional 35-gallon left-side-mounted fuel tank (outside the frame rails)
- Optional dual tank choice which provides two 35-gallon tanks (70 gallons total) mounted on left and right side (outside the frame rails) for extended driving range

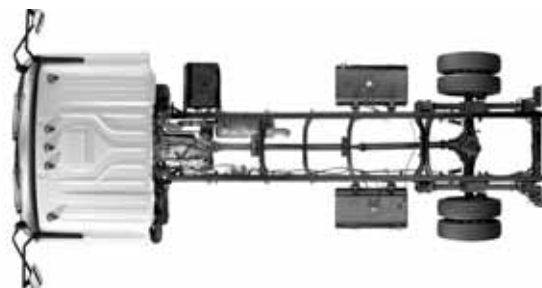
Braking system

- Standard four-wheel disc brakes with Anti-lock Braking System (ABS)
- Full hydraulic system

Fast Forward Body Program

Ford LCF has a Fast Forward Body Program with the following features:

- Provides ready-to-drive Ford LCFs, ordered through the Ford Modification Center
- Offers special pricing on Supreme or Morgan van and stake bodies in several available body lengths
- Ship-Thru transportation is provided at no extra cost
- See e-manning.com or call 1-800-876-8768 for detailed program body specifications



Ford LCF/Full-tilt Cab Design

The primary customer benefits of the Ford LCF/Full-tilt Cab Design are its superior visibility and maneuverability, ideally suited to urban applications.

The Ford LCF provides best-in-class maneuverability with the segment's tightest turning diameters (both curb-to-curb and wall-to-wall), even though the shortest Ford LCF wheelbase is 4 inches longer than the leading competitor's. Other Ford LCF benefits include:

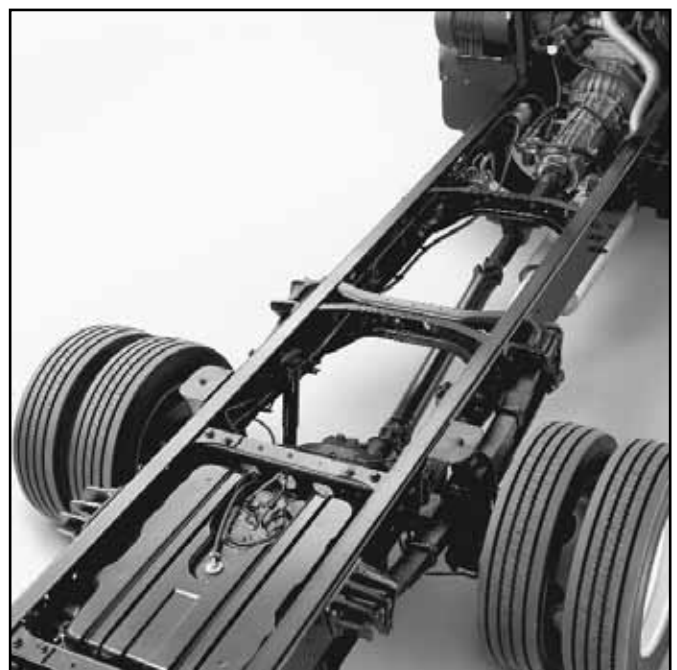
- Easy access to service points for ease of serviceability
- A shorter bumper-to-back-of-cab (BBC) dimension than a traditional chassis cab

**Ford LCF**

Frame Specifics

The Ford LCF's ladder-type frame is designed to help body builders make modifications and add bodies more efficiently.

- Frame rail spacing is 34 inches, the U.S. industry standard
- The strongest standard frame in the segment with 461,000 in.-lbs. resisting bending moment (RBM)
- Segment-exclusive Huck-bolted crossmembers for excellent assembly integrity and longevity when compared to the riveted design of a leading competitor
- Flat frame rails provide a clean cab-to-axle (CA), with no projections above the top of the frame for ease in upfitting



FLEXIBILITY

This page is about:

- Interior
- Exterior
- Mirror

2007 Ford LCF

Flexibility

Interior Specifics

Seats — the standard Ford LCF seating configuration includes:

- Non-suspension cloth driver's seat with Hi-back and integral head restraint
- Non-suspension cloth 2-person split bench seat with Hi-back and integral head restraint
- Center passenger seat with head restraint
- Center passenger seatback folds down and functions as a notebook tray



Floor covering — vinyl floor covering with floor mats standard.



Instrument panel — full-width with triple glove compartments, two storage bins, four air registers and center ashtray/cigar lighter.

Gauges — speedometer, tachometer, trip odometer, fuel and coolant temperature gauges and indicator lights.

Audio equipment — standard stereo provides music and weather reports.

- AM/FM stereo with digital clock and Weatherband (WX) feature standard (2 speakers)
- AM/FM stereo, single-disc CD player with digital clock and Weatherband (WX) feature available (2 speakers)
- Radio Prep Package deletes standard radio but includes antenna, wiring and speakers

Steering column — tilting and telescoping wheel provides driver with comfort and convenience.

Overhead storage bin — provides convenient storage for small items such as sunglasses or cell phones.

Power door locks — all models.

Power windows — one-touch-down power driver window and power passenger window on all models.

Optional equipment — on both Ford LCF models:

- Air Conditioning with integral heater/defroster
- Remote Keyless Entry System with panic alarm and horn beep lock confirmation
- Vinyl-covered Hi-back driver and passenger seats with integral head restraints

Exterior Specifics

Front bumper — aerodynamic, molded bumper, argent.

Grille — easily recognized, signature Super Duty® grille, standard with Dark Shadow Grey finish, available with chrome finish.

Headlamps — jeweled-appearance headlamps emit a bright, white light for enhanced nighttime visibility.

Tinted glass — expansive windshield tinted to help reduce glare from the sun and to help keep the interior cool.

Side door glass — “drop window” design gives unrestricted forward and side visibility.



Cab steps — integrated into the wheelip moldings for a smooth design flow and assist cab entry for both driver and passenger.

Mirrors — dual flat and convex rearview mirrors provide excellent rearward visibility.

Roof lights — five clearance/marker lights are mounted on the roof.

Nine no-charge color options — all regular production option (RPO) color choices are available at no charge, unlike some Ford LCF competitors.

Wheels — standard on all models, 19.5-inch wheels and a wide track provide a stable foundation for the vehicle. Some competitors use 16-inch wheels and a narrower track on Class 4 vehicles.

Mirror Specifics

All Ford LCF models come with dual outside rearview mirrors mounted on breakaway brackets attached to the cab structure itself, not to the doors where excessive vibration can make the mirrors shake and ultimately loosen. There are two mirrors attached to each bracket:

- The upper mirror with flat glass measures 6 inches wide by 11 inches high
- The lower mirror with convex glass measures 8 inches wide by 6 inches high and provides an excellent wide-angle view
- The spacing between the mirrors is 102 inches

2007 Ford LCF

Capability


CAPABILITY

This page is about:

Key Features

Wheelbase/Cab-to-Axle/Axle-to-end-of-Frame Specifics

Key Features

Capability	
 <p>FORD LCF</p>	<ul style="list-style-type: none"> Commercial truck capability is all about getting the job done. Whatever the job may be, Ford LCF models have the capability Your customer can select from five different wheelbase lengths and a number of cab-to-axle dimensions to suit his/her particular needs

Wheelbases — five different wheelbase lengths are offered, allowing multiple options for upfitting the vehicle (185.0-inch wheelbase available on L55 model only)

Gross Vehicle Weight Rating (GVWR) — four GVWRs available to suit the load-carrying needs of your customers

Payload — high GVWRs mean higher payloads

Cab-to-axle (CA) dimensions — together with the available wheelbase options, a number of CA dimensions are also available to meet your customers' needs. It's important to note that these are "effective" dimensions and allow for any drivetrain intrusion beyond the rear cab wall (156-inch CA available on L55 model only)

Towing — Ford LCF models have a substantial towing capability with a 26,000-lb. maximum Gross Combination Weight Rating (GCWR) on L55 models. L45 models provide a maximum GCWR of up to 22,000 lbs.

Wheelbase/Cab-to-Axle (CA)/Axle-to-end-of-Frame (AF) Specifics

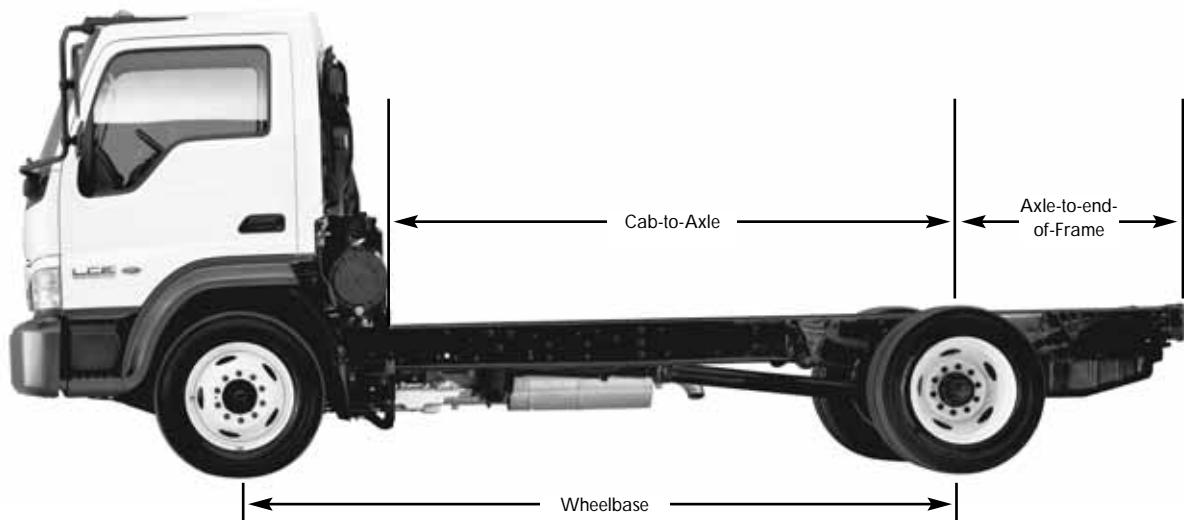
"Effective" cab-to-axle (CA) dimensions are measured from a usable part on the frame, not from the back of the cab.

All Ford LCF trucks also feature a short 73.2-inch effective bumper-to-back-of-cab dimension for maneuvering ease.

The Ford LCF chassis can be upfitted with a wide range of body types and equipment for use in urban applications such as:

- Pickup and delivery (dry or refrigerated)
- Beverage
- Utility
- Recovery
- Landscaping

Wheelbase (inches)	CA (inches)	AF (inches)
113.0	84.0	47.5
113.0	84.0	63.0
137.0	108.0	47.5
137.0	108.0	63.0
149.0	120.0	47.5
149.0	120.0	75.0
167.0	138.0	75.0
185.0 (L55 only)	156.0	96.0



AUDIO

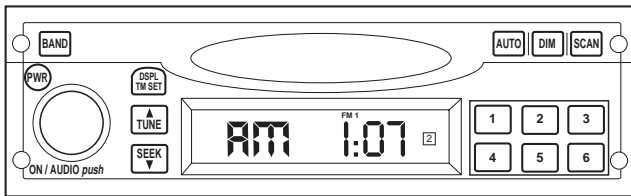
This page is about:

- AM/FM Stereo
- AM/FM Stereo/Single-disc CD Player

2007 Ford LCF

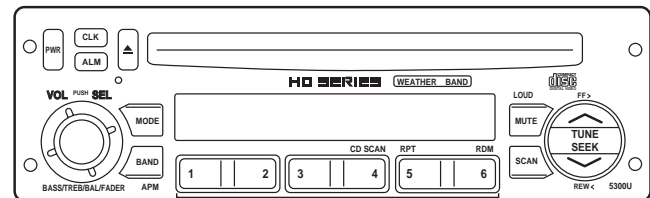
Audio⁽¹⁾

AM/FM Stereo



- 17 watts per channel @ 4 ohms
- User selectable 2-4 speaker operation
- 6 AM plus 12 FM presets
- Weatherband (WX) feature
- Electronically tuned with Seek up/down feature
- Scan feature
- Individual bass, treble, balance and fade controls
- Digital clock

AM/FM Stereo/Single-disc CD Player



- 18 watts per channel @ 4 ohms
- User selectable 2-4 speaker operation
- 6 AM plus 12 FM presets
- Weatherband (WX) feature
- Scan feature
- Electronically tuned with Seek up/down feature
- CD player with Search, Repeat, Random and Scan functions
- Individual bass, treble, balance and fade controls
- Digital clock

For More Audio Information

- Audio availability: Latest Dealer Ordering Guide
- Operating information: Vehicle Owner's Guide

2007 Ford LCF



Wheels/Seats

WHEELS/SEATS

This page is about:

- 19.5" 10-Lug Steel Painted White
- 19.5" 10-Lug Polished Aluminum with Ornamentation
- Cloth Driver Seat, Folding Back
- Cloth Two-Person Passenger Seat, Folding Back
- Vinyl-covered Driver Seat
- Vinyl-covered Two-person Passenger Seat

Wheels

Wheel	Ordering Code	Model L45	Model L55
19.5" 10-Lug Steel Painted White (19.5" x 6") 	641 (front)	Standard	Standard
	661 (rear)	Standard	Standard
19.5" 10-Lug Polished Aluminum with Ornamentation (19.5" x 6") 	642 (front)	Optional	Optional
	662 (rear)	Optional	Optional

NOTE: Wheel availability: Latest Dealer Ordering Guide.

Ford LCF

Seats

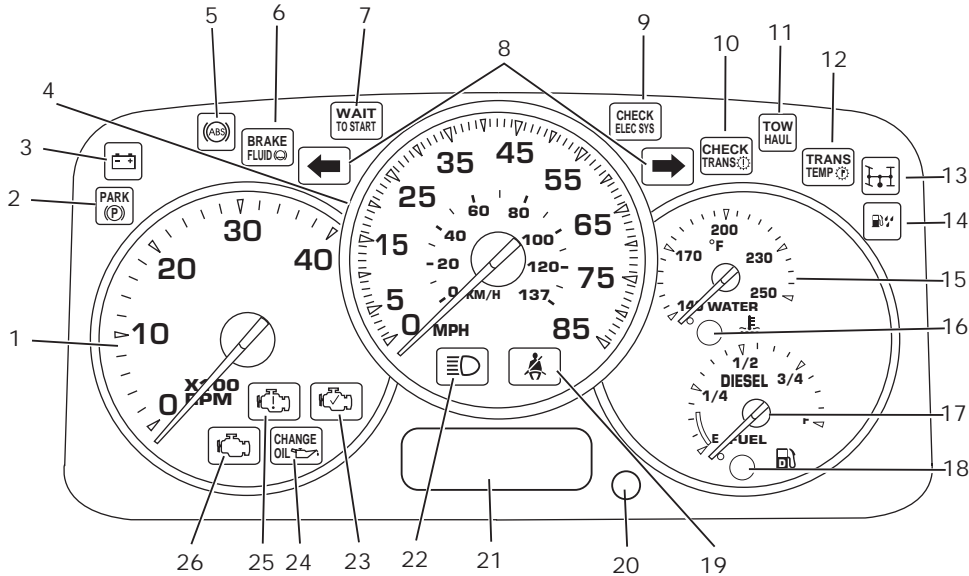
	Interior Trim Colors
Interior Trim Type and Color Selector NOTE: First character denotes type, second character denotes color.	Flint Grey
Standard Trim Cloth Driver Seat, Folding Back, Integral Head Restraints Cloth Two-person Passenger Seat, Folding Back, Integral Head Restraints	BE
Optional Trim Vinyl-covered Driver Seat, Folding Back, Integral Head Restraints Vinyl-covered Two-person Passenger Seat, Folding Back, Integral Head Restraints	AE

NOTE: Illustrations of the available seating choices: 2007 Color and Upholstery Book or the Specifications section of eSourceBook (esourcebook.dealerconnection.com).

2007 Ford LCF

Instrument Cluster

Instrument Cluster



- | | | |
|---|--|--|
| 1. Tachometer | 11. Tow/Haul mode engaged indicator light | 19. Fasten safety belt warning light |
| 2. Parking brake on warning light | 12. Transmission temperature warning light | 20. Trip odometer reset button |
| 3. Charging system warning light | 13. Power takeoff (PTO) in use indicator light | 21. Message center/trip odometer/seasonal odometer |
| 4. Speedometer | 14. Water in fuel warning light | 22. High beam on indicator light |
| 5. Anti-lock Braking System (ABS) warning light | 15. Engine coolant temperature gauge | 23. Malfunction indicator light (MIL) |
| 6. Low brake fluid warning light | 16. Engine coolant temperature warning light | 24. Engine oil change indicator light |
| 7. Wait to start indicator light | 17. Fuel gauge | 25. Stop engine warning light |
| 8. Turn signal indicators | 18. Low fuel level warning light | 26. Engine electronic controls warning light |
| 9. Check electrical system warning light | | |
| 10. Check transmission warning light | | |

Dimensions

me)



2007 Ford LCF

Standard Powertrain/Chassis Equipment Specifications

Ford LCF Chassis Cab (113"-185" WB)

DRIVE:			4x2 L45	4x2 L55
GVWR: (lbs.)			15,000/16,000	17,999/19,500
POWERTRAIN:				
Engine	—	Type	Power Stroke® 4.5L V-8 (200 hp @ 2650 rpm, 440 lb.-ft. Torque @ 1850 rpm, 2800 rpm Governed Speed)	
Transmission	—	Type	Ford TorqShift™	
	—	Speeds	5-speed Automatic Overdrive	
Clutch	—	Type	None	
	—	Diameter	—	
AXLES:				
Front Axle	—	Type	Dana Spicer D600N	D700N
	—	Capacity (Rating @ Ground)	6000 lbs.	7000 lbs.
Rear Axle	—	Type	S110 Single Reduction	
	—	Capacity (Rating @ Ground)	11,000 lbs.	13,500 lbs.
BRAKES:				
System	—	Type	Hydraulic, Split System, with Automatic Adjustment 4-wheel Disc	
Front	—	Type	15.35 x 1.5" Rotors Dual 2.36" Diameter Piston Calipers	
Rear	—	Type	15.35 x 1.5" Rotors Dual 2.36" Diameter Piston Calipers	
Anti-lock System			3-channel TRW 340-8 Anti-lock Braking System (ABS)	
Parking Brake (Rear Brakes)			9.5" Drum-in-hat, Hand Operated	
ELECTRICAL:				
Alternator	—	Rating	135-amp Visteon Pad Mount	
Battery	—	Type	Motorcraft 12-volt Maintenance-free Group 31	
	—	Rating	900 CCA (2) 1800 Total	
	—	Box Location	Outside Frame Rail, Right-side, Behind Cab	
EXHAUST:	—	Type	Stainless Steel - Right Hand Side	
FUEL TANK	—	Capacity	40.0-gal., Single, Between the Frame Rails	
STEERING:	—	Type	Integral Power, Ross TAS-37	
	—	Ratio	20.4:1	
SUSPENSION:				
Frame	—	Type	Ladder Type Single Channel - Straight "C" 50,000 psi steel	
	—	Section Modulus	9.22	
Shock Absorbers, Front	—	Type	1.38" Dia. Double-acting	
Springs, Front	—	Type	Parabolic Taper-leaf	
	—	Rating @ Ground (min.)	6000 lbs.	7000 lbs.
Springs, Rear	—	Type	Vari-rate (includes 1500-lb. AEON Auxiliary Rubber Spring)	
	—	Rating @ Ground (min.)	11,000 lbs.	13,500 lbs.
Stabilizer Bar			Front	
WHEEL SEALS:	—	Type	Front, Grease; Rear, Oil	
TIRES:				
Front	—	Type	Goodyear G647 Radial	
	—	Size	245/70R19.5 G (14-ply Rated)	
Rear	—	Type	Goodyear G647 Radial	
	—	Size	245/70R19.5 G (14-ply Rated)	
WHEELS:				
Front	—	Type	10-hole Steel Disc, Hub-piloted, Painted White	
	—	Size	19.5" x 6.0"	
Rear	—	Type	10-hole Steel Disc, Hub-piloted, Painted White	
	—	Size	19.5" x 6.0"	

2007 Ford LCF

Technical Specifications

FORD LCF

Ford LCF

Axles

FRONT AXLE SPECIFICATIONS

Model	L45	L55
Manufacturer	Spicer	Spicer
Max. Rating @ Ground (lbs.)	6000	7000
Axle	I-Beam with King Pin Spindles	
	— Type	
	— Material	
	— Spring Centers	
King Pins	Steel	
Spindle	Steel	
Wheel Bearings	Tapered Roller	

REAR AXLE SPECIFICATIONS

Model	L45	L55
Make	Dana Spicer	
Max. Rating @ Ground	11,000 lbs.	13,500 lbs.
Type	S 110	
Drive	Single	Single
Housing	Stamped	
	— Type	
	— Material	
	— Cover Attachment	
Lubricant Capacity	16.0 pts.	
Wheel Bearings	Tapered	
Gears	Hypoid	
Ring Gear	11.8"	
Pinion	Overhung	
Differential	2-pinion	
	— Type	
	— Bearings	
Axle Shaft	1.72"	
	— Minimum Diam.	
	— Diam. Over Splines	
	— No. of Splines (Hub End)	

Brakes

HYDRAULIC BRAKE EQUIPMENT SPECIFICATIONS — FRONT/REAR DISC

Type	Axle (lbs.)	Rotor Dia. (in.)		Lining Thickness (in.)	Caliper Piston No./Dia. (in.)	Lining Area Per Axle (sq. in.)	Total Swept Area Per Axle (sq. in.)
		OD	Thickness				
Front	6000	15.35	1.5	0.47	Dual/2.36	55.6	361.9
	7000	15.35	1.5	0.47	Dual/2.36	55.6	361.9
Rear	11,000	15.35	1.5	0.47	Dual/2.36	55.6	361.9
	13,500	15.35	1.5	0.47	Dual/2.36	55.6	361.9

HYDRAULIC BRAKE MASTER CYLINDER SPECIFICATIONS

Model/Series	Piston Diameter (in.)
All	1.5

Brakes cont'd

HYDRAULIC BRAKE BOOSTER SPECIFICATIONS

Type	Model/Series
Bendix/Hydromax	All

Bumpers

BUMPER SPECIFICATIONS

	Size	Material	Finish
All	Full-width	Steel	Painted, Argent

Cooling Systems

COOLING SYSTEM SPECIFICATIONS

Engine	Trans.	Radiator Area (sq. in.)	Core Thickness	Tube Rows Total	Fins/In.	System Capacity Qts. (litres)	Fan Blades	Blade Diam. (in.)	Clutch Type
Power Stroke® 4.5L All	Auto	618	2.20	62	16	21.5 (20.3)	9	22	Viscous

Fuel System

FUEL SYSTEM DATA

Engine	Injection Method	Fuel Pump/Location	Fuel Filter/Location	Air Cleaner
Power Stroke 4.5L	Digital Direct, Electrical and High-pressure Oil	Electric/Driver Side Frame Rail	Canister/Top of Engine	Dry Type

Steering

STEERING SPECIFICATIONS

Cab Style	Wheelbase (in.)	Type	Gear Ratio	Turning Radius	
				Curb-to-Curb	Wall-to-Wall
Regular Cab	113	Integral	20.4:1	16' 7"	18' 4"
	137			19' 3"	21' 0"
	149			20' 8"	22' 5"
	167			22' 5"	24' 2"
	185			24' 6"	26' 3"

Suspension

FRAME SPECIFICATIONS

Type	Dimensions D x W x Thickness (in.)	Yield Strength (psi)	Material	Section Modulus (cu. in.)	Resisting Bending Mom. (in.-lbs.)
Straight frame rail	9.0x3.0x0.25	50,000	High Strength Steel	9.23	461,000

SHOCK ABSORBER SPECIFICATIONS – FRONT ONLY

Model	Wheelbase	Usage	Number	Piston Diameter (in.)	Type
All	All	Std.	2	1.375	Double Acting

SHOCK ABSORBER SPECIFICATIONS – REAR ONLY (OPTIONAL)

Model	Wheelbase	Usage	Number	Piston Diameter (in.)	Type
All	All	Std.	2	1.375	Double Acting

Technical Specifications cont'd

Suspension (cont'd)

SPRING SPECIFICATIONS — FRONT LEAF

Model	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Pad Thickness (in.)	Active Length (in.) x Width (in.)	Deflection Rate (installed) (lb./in.)
All	6000	2	2.28	57.0 x 3.0	7.50
	7000	2	2.28	57.0 x 3.0	8.75

SPRING SPECIFICATIONS — REAR LEAF

Model	Combined Rating @ Ground (lbs.)	Number of Leaves	Total Pad Thickness (in.)	Length (in.) x Width (in.)	Deflection Rate (installed) (lb./in.)
All	11,000	9	5.72	58.6 x 3.0	1100
	13,500	9	4.81	58.6 x 3.0	1440

Tires and Wheels

TIRE SPECIFICATIONS

Size	Wheel Position	Rim Width (in.)	Maximum Inflation Pressure (psi)	Maximum Load Capacity by Axle (lbs.) (front/rear)	Static Loaded Radius (in.)	Revolutions Per Mile @ 45 mph	
225/70R19.5F	Goodyear G647	All Wheel	6.00	95	7280/13,660	15.0	640
	Michelin XZE		6.00	95	7280/13,660	14.9	646
	XDE	M/S Rear	6.00	95	—/13,660	15.0	639

WHEEL SPECIFICATIONS

Wheel Type	Position	Size	Nominal Offset mm (in.)	No. of Studs	Bolt Circle mm (in.)	Max. Wheel Capacity Load (lbs. @ ground)
Steel, Painted White	Front	19.5 x 6.00	136 (5.35)	10	225 (8.86)	3750
Steel, Painted White	Rear	19.5 x 6.00	136 (5.35)	10	225 (8.86)	3750
Aluminum, Polished	Front	19.5 x 6.00	136 (5.35)	10	225 (8.86)	3750
Aluminum, Polished	Rear	19.5 x 6.00	136 (5.35)	10	225 (8.86)	3750

Transmissions

AUTOMATIC TRANSMISSION SPECIFICATIONS

Make/Type	TorqShift™ 5-speed
Torque Capacity (lb.-ft.) Gross	570
Gear Ratios (to 1)	
1st	3.114
2nd	2.218
3rd	1.545
4th	1.00
5th	0.712
Reverse	2.880
Gearing	Constant Mesh, Helical, Planetary
Fluid Capacity (pts.)	38.0
Oil System	Sump
Filter	Integral (Spin-on Type)
Optional Power Takeoff Data:	Converter Driven
Opening	Non-standard 6-bolt Pattern, LH-side

TBD — Information not available at time of printing.

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