2027 Ford F-150® Pickup

TECHNICAL SPECIFICATIONS

09/15/26 V1.0

BODY INFORMATION

Body style	Body on frame, Regular Cab, SuperCab, SuperCrew®
Frame construction	Fully boxed, high-strength steel
Trim levels	XL, STX®, XLT, Lariat®, Tremor®, King Ranch®, Platinum®, Raptor®
Final assembly location	Dearborn Truck Plant, Kansas City Assembly Plant

DRIVETRAIN

Standard	Front engine, rear-wheel drive (4x2)
	Front engine, electronically-controlled 4x4 transfer case with open differential rear axle
Optional	Front engine, full hybrid, rear wheel drive
	Front engine, full hybrid, electronically-controlled 4x4 transfer case with electronic-locking rear differential
Transfer Case (4x4 models)	Electronic shift-on-the-fly (XL, STX, XLT)
	Torque On Demand 2-speed automatic four-wheel drive (Lariat, King Ranch, Platinum)
	2-speed automatic AWD with mechanical-locking 4WD and Hi-Lock transfer case (Lobo, Tremor, Raptor)

ENGINE SPECS AND KEY FEATURES

		3.0L EcoBoost® V6	5.0L PFDI V8	3.5L EcoBoost V6	3.5L PowerBoost™ Full Hybrid V6	3.5L EcoBoost V6 High-Output	5.2L Supercharged V8
Horsepower[1] (@ rpm)		325 @ 5,500	400 @ 6,250	400 @ 5,250	430 @ 5,250[2]	450 @ 5,250[3]	720 @ 6,650[3]
Torque[1] (lb.-ft. @ rpm)		400 @ 2,250	410 @ 4,250	500 @ 3,500	570 @ 3,500[2]	510 @ 3,500[3]	640 @ 4,300[3]
Available Maximum Conventional Towing[1][4] (lbs.)	4x2	8,400	12,800[5]	13,300[5]	12,400[5]	—	—
	4x4	8,200	12,800[5]	13,500[5]	11,600[5]	8,200	8,700
Available Maximum Payload[1][6] (lbs.)	4x2	1,755	2,235	2,440	2,045	—	—
	4x4	1,700	2,080	2,175	1,740	1,405[5]	1,410[7]
Configuration		60-degree V6, dual overhead cam	90-degree V8, dual overhead cam	60-degree V6, dual overhead cam	60-degree V6, dual overhead cam	60-degree V6, dual overhead cam	90-degree V8, dual overhead cam
Induction		Twin turbocharged/ intercooled	Naturally aspirated	Twin turbocharged/ intercooled	Twin turbocharged/ intercooled	Twin turbocharged/ intercooled	Supercharged/ intercooled
Engine Block Material		Compacted graphite iron	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Cylinder Head Material		Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Displacement (liters/cubic inches)		3.0/183	5.0/307	3.5/213	3.5/213	3.5/213	5.2/315
Main Bearings		4	5	4	4	4	5
Bore x Stroke (inches)		3.36 x 3.38	3.66 x 3.65	3.64 x 3.41	3.64 x 3.41	3.64 x 3.41	3.70 x 3.66
Compression Ratio (:1)		10.5	12.1	10.5	10.5	10.5	9.5
Valvetrain		Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower	Roller finger follower
Ignition system		Coil-on-plug	Coil-on-plug	Coil-on-plug	Coil-on-plug	Coil-on-plug	Coil-on-plug
Fuel Delivery		Direct injection (DI)	PFDI	PFDI	PFDI	PFDI	Sequential multiport (PFI)
Recommended Unleaded Fuel (minimum)		Regular 87 octane	Regular 87 octane	Regular 87 octane	Regular 87 octane	Premium 91+ octane	Premium 91+ octane
Oil Capacity (quarts/liters)		6.0/5.7	7.75/7.33	6.0/5.7	6.0/5.7	6.0/5.7	11.5/10.9
Coolant Capacity (quarts/liters)		15.2/14.4	14.3/13.5	13.8/13.1	15.5/14.7 (high temp loop) 6.7/6.3 (low temp loop)	13.4/12.7	14.1/13.3 (engine) 5.4/5.1 (supercharger)

(1) When properly equipped. Maximum horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously.

(2) Calculated via combined performance of the engine and electric motor with peak battery power. The calculations utilize SAE J1439® engine results and Ford electric motor dyno testing. Your results may vary.

(3) Horsepower and torque ratings are based on premium fuel per SAE J1349® standard. Your results may vary.

(4) When properly equipped. Maximum towing varies based on cargo, vehicle configuration, accessories, and number of passengers.

(5) F-150 SuperCrew®. Requires the Max Tow/Haul Package (53T) and optional Max Tow Axle upgrade.

(6) When properly equipped. Maximum payload varies based on accessories and vehicle configuration. See label on doorjamb for carrying capacity of a specific vehicle. Always properly secure cargo.

(7) 37" tire application.

TRANSMISSION

Standard 10-Speed SelectShift® electronically controlled automatic

Optional 10-Speed Modular Hybrid electronically-controlled automatic

Gear Ratios (:1)	10-speed SelectShift automatic	10-speed Modular Hybrid
First	4.70	4.70
Second	2.99	2.99
Third	2.15	2.15
Fourth	1.77	1.77
Fifth	1.52	1.52
Sixth	1.26	1.26
Seventh	1.00	1.00
Eighth	0.85	0.85
Ninth	0.69	0.69
Tenth	0.64	0.64
Reverse	4.87	4.87

SUSPENSION

Front Configuration	Independent double-wishbone with coil-over shock and stamped lower control arm; cast aluminum lower control arm on Raptor
Front Shock Absorbers	Heavy-duty gas-pressurized standard; monotube on Tremor; Position-sensitive, electronically controlled compression; gas-pressurized monotube FOX™ on Raptor
Rear Configuration	Leaf spring with solid axle; 5-link coil with Panhard rod and solid axle on Raptor
Rear Shock Absorbers	Heavy-duty gas-pressurized standard; monotube on Tremor; Position-sensitive, electronically controlled compression/gas-pressurized monotube FOX™, 3.1" damper, 0.875" rod diameter (standard) and 1.0" front rod diameter with optional 37" tires on Raptor

STEERING

Type Electronic power-assisted

Cab	Wheelbase (inches)	Steering Ratio (:1)	Turning Diameter (feet, curb-to-curb)
Regular	122.8	20.4	41.2
	141.5	20.4	46.4
SuperCab	145.4	17.4	47.8
	164.1	17.4	52.5
SuperCrew	145.4/145.6	17.4	47.8
	145.4 (Raptor with 35" tire)	16.1	47.9
	145.4 (Raptor with 37" tire)	16.0	50.2
	157.2	17.4	51.1

BRAKES

	Standard	Heavy-Duty (including Raptor)	Tow/Haul Package
System Type	Electronically controlled power brake boost with anti-lock vented discs	Electronically controlled power brake boost with anti-lock vented discs	Electronically controlled power brake boost with anti-lock vented discs
Front Specifications			
Rotor Material	Nitro Tough Iron	Nitro Tough Iron	Nitro Tough Iron
Rotor Size (diameter x thickness; mm)	350 x 34	350 x 34	350 x 34
Swept Area (sq. mm)	51,547	51,547	51,547
Pad Material	FER9213	FER9213	FER9213
Caliper Type	Sliding-caliper, dual-piston	Sliding-caliper, dual-piston	Sliding-caliper, dual-piston
Piston Diameter (mm)	51	51	51
Rear Specifications			
Rotor Material	Nitro Tough Iron	Nitro Tough Iron	Nitro Tough Iron
Rotor Size (diameter x thickness; mm)	336 x 20	336 x 20	336 x 20
Swept Area (sq. mm)	40,998	40,998	40,998
Pad Material	GA9105	GA9105	GA9105
Caliper Type (includes electric integrated parking/emergency brake)	Sliding-caliper, single-piston	Sliding-caliper, single-piston	Sliding-caliper, single-piston
Piston Diameter (mm)	54	54	54
Electric Parking Brake Rating (kN)	18.5	25.5	25.5

FUEL TANK CAPACITY

Engine	**Fuel Tank Capacity** (gallon, dependent on cab and box configuration)
3.0L EcoBoost V6	23.0 (122.5" WB) 36 (all others)
5.0L PFDI V8	23.0 (122.5" WB) 36 (all others)
3.5L EcoBoost V6	36.0
3.5L PowerBoost Full Hybrid V6	30.6
3.5L EcoBoost V6 H.O.	36.0
5.2L Supercharged V8	36.0

EXTERIOR DIMENSIONS (inches unless otherwise noted)

Regular Cab	6.5-ft. Box		8-ft. Box	
	4x2	4x4	4x2	4x4
Wheelbase	122.8	122.8	141.5	141.5
Overall Length	209.4	209.4	228.1	228.1
Cab Height (empty)	75.4	76.9	75.0	76.7
Width (excluding mirrors)	79.9	79.9	79.9	79.9
Width (including mirrors)	95.7	95.7	95.7	95.7
Width (mirrors folded)	83.6	83.6	83.6	83.6
Width (including trailer tow mirrors)	105.9	105.9	105.9	105.9
Width (trailer tow mirrors folded)	85.3	85.3	85.3	85.3
Track Width – Front	67.9	67.9	67.9	67.9
Track Width – Rear	68.3	68.3	68.3	68.3
Overhang – Front	37.4	37.4	37.4	37.4
Overhang – Rear	49.2	49.2	49.2	49.2
Angle of Approach	20.7°	23.7°	20.8°	23.9°
Angle of Departure	23.9°	26.0°	23.5°	26.1°
Ramp Breakover Angle	20.1°	23.3°	17.9°	20.7°
Ground Clearance	8.3	9.8	8.2	9.8
Open Tailgate to Ground (empty)	33.9	35.6	33.5	35.5
Front Bumper to Back of Cab	121.2	121.2	121.2	121.2

EXTERIOR DIMENSIONS (inches unless otherwise noted)

SuperCab	6.5-ft. Box	
	4x2	4x4
Wheelbase	145.4	145.4
Overall Length	232.0	232.0
Cab Height (empty)	75.3	77.1
Width (excluding mirrors)	79.9	79.9
Width (including mirrors)	95.7	95.7
Width (mirrors folded)	83.6	83.6
Width (including trailer tow mirrors)	105.9	105.9
Width (trailer tow mirrors folded)	85.3	85.3
Track Width – Front	67.9	67.9
Track Width – Rear	68.3	68.3
Overhang – Front	37.4	37.4
Overhang – Rear	49.2	49.2
Angle of Approach	22.5°	25.2°
Angle of Departure	24.4°	26.9°
Ramp Breakover Angle	17.3°	20.0°
Ground Clearance	8.2	9.8
Open Tailgate to Ground (empty)	33.1	35.0
Front Bumper to Back of Cab	143.8	143.8

EXTERIOR DIMENSIONS (inches unless otherwise noted)

SuperCrew	5.5-ft. Box		6.5-ft. Box		Tremor 5.5-ft. Box	Raptor 5.5-ft. Box (35"/37" tire)
	4x2	4x4	4x2	4x4	4x4	4x4
Wheelbase	145.4	145.4	157.2	157.2	145.6	145.4
Overall Length	232.0	232.0	243.8	243.9	231.5	232.3
Cab Height (empty)	75.4	77.1	78.5	77.5	79.2	79.5/80.7
Width (excluding mirrors)	79.9	79.9	79.7	79.9	79.9	79.8/86.6
Width (including mirrors)	95.7	95.7	95.7	95.7	95.7	96.0
Width (mirrors folded)	83.6	83.6	83.6	83.6	83.6	86.6
Width (including trailer tow mirrors)	105.9	105.9	105.9	105.9	—	—
Width (trailer tow mirrors folded)	85.3	85.3	85.3	85.3	—	—
Track Width – Front	67.9	67.9	68.1	67.9	68.5	74.0/74.3
Track Width – Rear	68.3	68.3	68.3	68.3	69.1	73.6/73.9
Overhang – Front	37.4	37.4	37.4	37.4	37.4	36.7
Overhang – Rear	49.2	49.2	49.2	49.2	48.5	50.2
Angle of Approach	23.3°	25.9°	22.3°	25.9°	27.6°	30.7/33.1
Angle of Departure	24.3°	24.9°	24.3°	24.9°	24.1°	23.5/24.9
Ramp Breakover Angle	17.1°	19.8°	17.1°	19.8°	21.1°	22.3/24.4
Ground Clearance	8.2	9.8	8.5	8.8	10.7	11.9/13.1
Open Tailgate to Ground (empty)	32.7	34.1	37.1	35.8	37.2	36.7/37.8
Front Bumper to Back of Cab	155.6	155.6	155.9	155.6	155.6	155.5

INTERIOR DIMENSIONS (inches unless otherwise noted)

	Regular Cab	SuperCab	SuperCrew
Seating	3	5, 6	5, 6
Front Head Room (SAE max.)	40.8	40.8	40.8
Front Leg Room (SAE max.)	43.9	43.9	43.9
Front Shoulder Room	66.7	66.7	66.7/66.6 (Raptor)
Front Hip Room	62.5	62.5	62.5
Rear Head Room	—	40.3	40.4
Rear Leg Room	—	33.5	43.6
Rear Shoulder Room	—	66.1	66.0/65.8 (Raptor)
Rear Hip Room	—	62.6	62.6

CARGO CAPACITIES (inches unless otherwise noted)

	5.5-ft. Box	6.5-ft. Box	8-ft. Box
Inside Length (at floor)	67.1/67.2 (Raptor)	78.9	97.6
Width Between Wheelhouses	50.6	50.6	50.6
Inside Height (at molding)	21.4	21.4	21.4
Cargo Box Volume (cu. ft.)	52.8	62.3	77.4

WHEELS

Standard	Optional
17" silver-painted steel (XL)	17" bead-lock capable aluminum (Raptor)
17" silver-painted aluminum (XL High/XLT 4x2)	17" bead-lock capable forged aluminum (Raptor R™)
17" black-painted aluminum (Raptor)	18" black-painted aluminum (STX)
18" Dark Matte-painted aluminum (Tremor)	18" gloss black-painted aluminum (STX/Lariat Black Package)
18" silver-painted aluminum (XLT 4x4, Lariat)	20" gloss black painted aluminum (XLT/Lariat Black Package)
20" chrome-like PVD aluminum (King Ranch)	22" aluminum (STX Lobo Package)
20" dark gray-painted with machined aluminum (STX)	22" chrome aluminum without inserts (Lariat)
20" gloss Ebony black-painted aluminum (Platinum)	22" gloss black-painted aluminum without inserts (Lariat)
	22" gloss black-painted aluminum with inserts (Platinum)
	22" premium-painted aluminum with inserts (Platinum Plus)

TIRES

Standard	Optional
245/70R17 all-season (XL, XLT 4x2)	265/70R17C all-terrain (XL Fleet, FX4 Package)
265/70R17 all-terrain (XL 4x4)	265/60R18 all-season (XLT 4x2)
265/60R18 all-season (STX, Lariat 4x2)	265/70R18C all-terrain (XLT 4x4)
275/65R18 all-terrain (STX, XLT, Lariat 4x4)	275/60R20 all-season (STX, Lariat 4x2)
275/70R18 all-terrain (Tremor)	275/60R20 all-terrain (STX, Lariat 4x4)
275/60R20 all-season (King Ranch, Platinum 4x2)	275/50R22 all-season (STX Lobo Package, King Ranch, Platinum)
275/60R20 all-terrain (King Ranch, Platinum 4x4)	37x12.5R17 all-terrain (Raptor 37 Package)
LT315/70R17 all-terrain (Raptor)	

WARRANTY

Bumper-to-bumper	3 years/36,000 miles
Powertrain	5 years/60,000 miles
Hybrid/Electric Unique Components	8 years/100,000 miles
Aluminum body panels	5 years/unlimited miles
Corrosion – sheet metal (perforation only excludes aluminum)	5 years/unlimited miles
Paint adhesion	5 years/unlimited miles
Roadside assistance	5 years/60,000 miles