



Engine

Configuration	Longitudinally mounted, single overhead cam, 90-degree Triton™ V8, supercharged/intercooled, cast iron block, aluminum-alloy heads, forged steel crankshaft
Bore x Stroke	90mm x 105.6mm
Displacement	5,410cc (330cid)
Compression ratio	8.4:1
Horsepower	380 hp @ 4,750 rpm
Torque	450 lb.-ft. @ 3,250 rpm
Specific output	70.2 horsepower per liter
Redline	5,250 rpm (fuel shut-off occurs at 5,400 rpm)
Valvetrain	Single overhead camshafts, chain drive, roller finger followers with hydraulic lash adjustment, beehive valve springs, two valves per cylinder
Intake valves	1 per cylinder, 44.5mm head diameter
Exhaust valves	1 per cylinder, 36mm head diameter
Fuel system	Sequential electronic fuel injection, Premium calibration
Induction system	Pressure-charged, Eaton™ Corporation Generation IV Roots-type supercharger, water-to-air intercooler in vee
Supercharger	8.0 psi pressure
Throttle body	Dual-bore 57mm
Mass-air sensor	90mm diameter
Exhaust manifolds	Cast-iron tuned header-style manifold
Exhaust system	Tuned dual exhaust, ceramic-coated dual exhaust tips

Drivetrain

Transmission	Four-speed automatic (4R100)	
Drive shaft	4.5-in. aluminum	
Final drive	3.73:1	
Rear axle	9.75-inch ring gear with limited-slip differential	
Gear	Ratio	Maximum Speed in Gear
1st	2.71	43 mph (68 km/h)
2nd	1.53	76 mph (123 km/h)
3rd	1.00	119 mph (191 km/h)
4th	0.71	142 mph (228 km/h)
Reverse	2.176	

Suspension

Front	Short- and long-arm type, coil springs, tubular gas-charged Bilstein shock absorbers, 31mm solid stabilizer bar
Rear	Solid axle, staggered gas-charged Bilstein shock absorbers, five-leaf springs, 23mm solid stabilizer bar

Steering

Type	Recirculating ball, power assist
Gear ratio	14.0:1
Turns, lock to lock	3.3
Turning diameter	44.3 ft.

Brakes

Front	12.1-in. (308mm) vented disc, twin-piston caliper
Rear	13.1-in. (334mm) vented disc, single-piston caliper
ABS	Four-wheel, three-sensor system



Wheels & Tires

Wheels	18 x 9.5-in., five-spoke cast aluminum-alloy, painted surface with locking lug nuts
Tires	Goodyear™ Eagle F1-GS™, 295/45ZR-18, unidirectional tread; 235/70R-16 spare tire

Color & Trim

Exterior	Bright Red Clearcoat, Black Clearcoat, True Blue Clearcoat Metallic, Silver Clearcoat Metallic
Interior	Medium Graphite cloth with textured leather Ebony accents, leather door trim

Dimensions & Capacities

Wheelbase	119.8 in. (3,043mm)
Length	208 in. (5,283mm)
Height	70.9 in. (1,801mm)
Width	79.1 in. (2,009mm)
Track, f/r	65.3 in./65.3 in. (1,661mm/1,661mm)
Head room	40.8 in. (1,036mm)
Leg room	40.9 in. (1,039mm)
Shoulder room	63.8 in. (1,621mm)
Hip room	61.0 in. (1,549mm)
Curb weight	4,690 lb. (2,130 kg)
Fuel capacity	25 gal. (94.62 liters)
Weight dist., f/r	57%/43%
Payload	800 lb. (363kg)
Towing capacity	5,000 lb. (2,270kg)
Fuel economy	(estimated) 13 mpg city, 17 mpg highway

F-150 Lightning Includes:

- Supplemental restraint system: Driver and passenger airbags with passenger-side deactivation switch. *Always wear your safety belt and deactivate passenger airbag when using a rear-facing child safety seat.*
- SecuriLock™ passive anti-theft system
- Anti-lock brake system (ABS)
- SVT suspension tuning, with lowered ride height
- 40/60 bench seating, Six-way power for driver's seat, with cloth/leather trim and specially designed lateral bolstering
- Premium electronic AM/FM stereo cassette; remote 6-disc CD changer
- Power Equipment Group: Dual electric remote control mirrors, power side windows, power door locks
- Leather-wrapped four-spoke tilt steering wheel
- Super Engine Cooling and Auxiliary Transmission Cooler packages
- Engine oil cooler
- Air conditioning (manual control)
- Electroluminescent SVT white-faced gauge pack, including supercharger boost gauge
- Dark tint sliding rear window
- Speed control
- Floor mats
- SVT and Lightning badging
- Remote keyless illuminated entry with touch key pad
- Towing Group, Class III
- SVT-unique headlight, taillight, side marker, and fog lights with clear, crystalline lenses

Available Option

- Tonneau cover (soft)

Ownership Experience

We've gone to great lengths to make the experience of driving a new Ford SVT F-150 Lightning enjoyable. We've done the same for the ownership experience, too. We stand behind your truck with our New Vehicle Limited Warranty, and we look after your security with our Roadside Assistance Program. SVT owners also receive Premium Service at their dealer, which includes a loaner vehicle and complimentary wash and vacuum. Expect nothing less from a "customer-driven" company.

Roadside Assistance Program

Every new Ford includes the assurance of an emergency Roadside Assistance Program provided by Ford Auto Club, Inc., during the 3-year/36,000-mile limited warranty period.

Help is just a toll-free phone call away, 24 hours a day, anywhere in the 50 United States, should you need any towing assistance, fuel delivery, a tire change, a jump start, or even help when you're locked out of your vehicle. Ask your Ford Dealer for complete details on the Ford Roadside Assistance Program and also for a copy of the New Vehicle Limited Warranty.

Bumper-to-Bumper Coverage

The 3-year/36,000-mile bumper-to-bumper coverage of the Ford New Vehicle Limited Warranty covers all vehicle parts including tires (except certain items as described in the Vehicle Warranty Guide) against defects in factory-supplied materials or workmanship. For complete information, see your dealer.



Ford Credit

Ford Credit is a full-service company that makes a wide variety of financing and leasing programs available to qualified buyers through the Ford Dealer of your choice. Through Ford Credit's financing or Red Carpet leasing, arrangements suited to your special needs can be made quickly and conveniently right at the dealership.



Ford Extended Service Plan

Optional Ford Extended Service Plans can cover major components on new Ford cars and light trucks after your bumper-to-bumper warranty coverage expires. Your dealer has the full details.

Dealer-Installed Accessories

The enjoyment of owning a new vehicle begins before you take delivery, when you're selecting colors and features.

Along with the items listed elsewhere in this technical data card, there are Ford brand accessories available at your dealer. They meet or exceed our strict specifications, and they are custom designed and manufactured to complement the style and quality of your Ford-built vehicle.

Following publication of this technical data card, changes in standard equipment, options, prices, and the like, or product delays, may have occurred, which would not be included here. Your Ford Dealer is the best source for up-to-date information. Ford Division reserves the right to change product specifications at any time without incurring obligation.

1-800-FORD-SVT Hearing Impaired (TDD): 1-800-439-4007
http://www.svt.ford.com French Customer Service: 1-800-563-3673

