



SPECIAL VEHICLE TEAM

SVT™



1999 SVT F-150 Lightning

SVT™

ENGINE

CONFIGURATION

Longitudinally mounted, single overhead cam, 90-degree Triton™ V8, intercooled/supercharged, 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	360 hp @ 4,750 rpm
Torque	440 lb/ft @ 3,000 rpm
Redline	5,250 rpm (fuel shut-off occurs at 5,400 rpm)
Specific output	66.7 hp per liter

VALVE TRAIN

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
Ignition System	Distributorless coil-on-plug
Fuel system	Sequential electronic fuel injection, Premium calibration
Induction system	Pressure-charged, Eaton™ Gen IV Roots-type supercharger.
Supercharger	In-ve water-to-air intercooler
Throttle body	8.0 psi pressure
Mass-air sensor	Dual-bore 57mm
Exhaust manifolds	Cast iron tuned headers
Exhaust system	Tuned dual exhaust, ceramic-coated dual exhaust tips

DRIVETRAIN

Transmission	Four-speed automatic (4R100)
Final drive	3.55:1
Rear axle	9.75 in. ring gear with limited-slip differential

Gear	Ratio	Maximum Speed
1st	2.71	45 mph (72 kph)
2nd	1.53	80 mph (129)
3rd	1.00	125 mph (201)
4th	0.71	140 mph (225)
Reverse	2.176	

SUSPENSION

FRONT

Twin short- and long-arm type suspension, coil springs, tubular gas-charged shock absorbers, 31mm stabilizer bar

REAR

Solid axle, staggered gas-charged 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 AND TIRES

WHEELS

18 x 9.5 in., five-spoke cast aluminum-alloy, painted surface, locking lug nuts

TIRES

Goodyear™ Eagle F-16S, 295/45ZR 18, unidirectional tread

LIGHTING INCLUDES

- Supplemental restraint system: Driver and passenger airbags. Always wear your safety belt and deactivate passenger airbag when using a rear-facing infant safety seat
- SecuLock™ 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

- Power Equipment Package: Dual electric remote control mirrors, power side windows, power door locks
- Super Engine Cooling and Auxiliary Transmission Cooling packages
- Engine oil cooler
- Trailer tow package
- Air-conditioning (manual control)
- Electro-luminescent SVT white-faced gauge pack, including supercharger boost gauge
- Leather-wrapped four-spoke tilt steering wheel, thicker section-width rim
- Sliding rear window
- Speed control
- Front floor mats
- SVT and Lighting badging
- Remote keyless illuminated entry

AVAILABLE OPTIONS

- Six-disc compact disc player
- Tonneau cover (soft)
- Towling Group, Class III

COLOR AND TRIM

EXTERIOR
Bright Red Clearcoat, Black Clearcoat, Oxford White Clearcoat

INTERIOR

Medium Graphite cloth with Ebony textured leather accents, leather door trim

DIMENSIONS, CAPACITIES

Wheelbase	119.8 in./3,043mm
Length	208 in./5,283mm
Height	70.9 in./1,801mm

Width Track, F/R	79.1 in./2,009mm 65.3 in./1,663mm
Head room, F/R	40.8 in./1,036mm
Leg room, F/R	40.9 in./1,039mm
Shoulder room	63.8 in./1,621mm
Hip room	61.0 in./1,549mm
Curt weight	4,670 lbs./2,120 kg
Fuel tank	25 gal./94.62 liters
Weight dist., f/r	57%/43%
Payload	800 lbs./363kg
Towing capacity	5,000/2,270kg

PERFORMANCE

0-60 mph	6.2 seconds
0-100 mph	6.3 seconds
0-100-0 mph	22.5 seconds
Quarter mile	14.6 seconds @ 97 mph
Top speed	140 mph/225 kph
Braking, 60-0 mph	137 ft.
Braking, 100-0 mph	238 ft.
80 ft. slalom	63.6 mph
100 ft. skipad	0.85g
EPA estimated fuel economy	14 City 21 Highway

All performance numbers were generated under closed-course conditions on a test track.

All photographs were produced under closed-road/closed-course conditions with a professional driver.

1999 F-150 Lightning



Ownership Experience

We've gone to great lengths to make the experience of driving a new SVT Lightning enjoyable. The experience of ownership, too.

We stand behind your truck with our 3-year/36,000-mile New Vehicle Limited Warranty. And we look after your security with our Roadside Assistance Program. Except nothing less than 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 new vehicle 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, tire change, a jump start, or even help when you're locked out of your truck.

Ask your Ford Dealer for complete details on the Ford Roadside Assistance Program, and also for a copy of the 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 (except tires, and certain other 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 Rent Car/Leasing arrangements suited to your special needs can be made quickly and conveniently right at the dealership.

Ask your Ford Dealer for the facts on any of Ford Credit's financing or lease plans.

Extended Service Plan

Optional Ford Extended Service Plans can cover major components on new Ford cars and light trucks for longer than the vehicle's basic warranty. Your dealer has full details.

Dealer-Installed Accessories

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

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 card, certain changes in standard equipment, options, prices, and the like, or product delays, may have occurred which would not be included in these pages. Your Ford Dealer is your best source for up-to-date information. Ford Division reserves the right to change product specifications at any time without incurring obligations.



Printed in U.S.A., 12/98

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