2006 Harley-Davidson F-150 Technical Specifications

BODY		
Construction	2006 F-150 Harley-Davidson SuperCab 6.5-ft. box	
POWERTRAIN AND CHASSIS		
Powertrain	5.4 liter 3V Triton V-8	
Type	Single-overhead-cam (SOHC) three-valve, 90 degree V-8	
Manufacturing location	Windsor (Ontario) Engine Plant	
Configuration	Naturally Aspirated Cast iron block and aluminum heads	
Intake manifold	Composite Intake Air-Fuel Module with Charge-Motion control Valves	
Exhaust manifold	Cast Iron swept runner design	
Crankshaft	Steel	
Redline	5400 rpm	
Throttle body	75 mm electronically controlled	
Valvetrain	SOHC, 3 valves per cylinder, variable camshaft timing	
Valve diameter	Intake: Head Diameter 33.8 mm Exhaust: Head Diameter 37.5 mm	
Pistons	Type - Strutless Modified Barrel Skirt; Finish - Hypereutectic Aluminum Alloy, Graphite Skirt Coating	
Connecting rods	Material - Cracked Powdered Metal	
Ignition	12 Volt Coil-On-Plug Ignition System	
Bore x stroke	3.55 x 4.17 (90.2mm x 105.8mm)	
Displacement	330 cu in, 5409 cc	
Compression ratio	9.8:1	
Maximum piston speed	5400 rpm, 19.04 meters/second	
Horsepower	300 hp @ 5,000 rpm	
Torque	365 lb.-ft. @ 3,750 rpm	
Recommended fuel	87 octane	
Fuel injection	Sequential multi-port electronic	
Fuel capacity	35.7 gallons (135 liters)	
Oil capacity	7.0 quarts	
Recommended oil	SAE 5W20	
Coolant capacity	20.7 quarts	
DRIVETRAIN		
Layout	4x2 or Torque On Demand All-Wheel Drive (4x4)	
TRANSMISSION		
Standard (Type)	Four-speed automatic overdrive	
Gear ratios		
1st	2.84:1	
2nd	1.55:1	
3rd	1.00:1	
4th	0.70:1	
5th	--	
Reverse	2.32:1	
Available axle ratio	3.73:1 Limited Slip	
SUSPENSION		
Front		
4x2	Coil-over-shock, long-spindle double wishbone independent, cast aluminum lower control arm, Sport-tuned shock absorbers, stabilizer bar	
4x4	Coil-over-shock, long-spindle double wishbone independent, cast aluminum lower control arm, Sport-tuned shock absorbers, stabilizer bar	
Rear		
4x2	Hotchkiss-type non-independent live, leaf springs and Sport-tuned outboard shock absorbers	
4x4	Hotchkiss-type non-independent live, leaf springs and Sport-tuned outboard shock absorbers	
STEERING		
Type	Power rack-and-pinion	
Steering column	Tilt column	
Ratio	17.2:1	
Turning diameter curb-to-curb (ft.)	4x2 and AWD - 46.4	
BRAKES		
Type	4-wheel ABS with Electronic Brake Force Distribution	
Front	13.0-in vented disc	
Swept area	297.5 sq. in.	
Rear	13.7-in vented disc	
Swept area	255.7 sq. in.	
Power assist	Vacuum Booster	
TIRES AND WHEELS (BRAND, TYPE, SIZE)		
Base wheel and tire	22-inch polished forged aluminum wheels P275/45R22 all-season BSW tires	
Recommended tire pressure (front/rear)	35/35 psi	
DIMENSIONS (inches unless otherwise noted)		
	4X2	AWD
EXTERIOR		
Wheelbase	144.5	144.5
Overall length	229.8	229.8
Overall width	78.9	78.9

Overall height	74.5	75.6
Tread width, front/rear	67.0	67.0
INTERIOR		
Seating capacity	5	5
Front headroom	40.9	40.9
Front legroom	41.3	41.3
Front shoulder room	66.5	66.5
Front hip room	65.8	65.8
Rear headroom	39.6	39.6
Rear legroom	32.7	32.7
Rear shoulder room	66.7	66.7
Rear hip room	66.5	66.5
Cargo box volume	65.5	65.5
Cargo box maximum Inside width	65.2	65.2
Cargo box length @ floor	78.8	78.8
Cargo box height	22.3	22.3
BASE CURB WEIGHT	5426 lbs.	5693 lbs.
Weight distribution (f/r)	3081/2345	3295/2398
Power-to-weight ratio	5418\300 = 18.06	5681\300 = 18.94
Payload capacity	1570	1460
GVWR	7,050	7,200
MAX TOWING CAPACITY, properly equipped (lbs.)		
5.4L, 3.73:1 axle	8800	8600
5.4L, 3.73:1 axle Max GCWR	14,500	14,500
SAFETY		
Anti-lock Braking System (ABS)		
Four-wheel disc brakes		
All-Wheel Drive		
All-speed Traction Control		
AdvanceTrac®		
Safety Canopy™ System		
Side-Impact Air bags		
CHILD SAFETY		
Power window lockouts		
Lower Anchors and Tethers for Children (LATCH)		
Rear door child safety locks		
SECURITY		
Perimeter anti-theft alarm		
Remote Keyless Entry System		
Securilock® passive anti-theft system		
MAJOR STANDARD EQUIPMENT		
Chrome, billet-style grille with body color surround and unique lower front fascia		
Unique Ground Effects		
Black leather-trimmed captain's chairs with embossed Harley-Davidson™ bar and shield logo		
Flow-through console and floor shifter with leather wrapped shifter knob		
Black leather wrapped steering wheel		
Unique high gloss instrument panel and center console with leather lid		
Unique stainless with raised rubber memory and power adjustable pedals		
Unique tape stripe featuring "Harley-Davidson" script		
"Harley-Davidson F-150" tailgate and fender badges		
22-in. polished forged-aluminum wheels with the Bar & Shield logo on center caps.		
Rubber bed mat with Harley-Davidson Bar & Shield logo		
Unique Owner's Guide portfolio embossed with the leather truck badge logo		
Vanity license plate featuring the Alliance logo		
Unique logo windshield with Bar & Shield logo dot pattern and Alliance logo		
Unique turned metal face instrument cluster with "Harley-Davidson" script and unique gauge pointers		
Unique door panels featuring the Bar & Shield logo		
Unique center finish panel featuring the Bar & Shield logo		
Laser engraved serialization plate featuring the truck badge logo		
Chrome tip dual outlet exhaust		
Chrome Tie-Down Hooks		
Blacked-out Headlamps and Taillamps		
Throw in wheel lock kit		
OPTIONAL EQUIPMENT		
Heated, power driver and passenger seats		
Memory driver seat		
Moonroof		
All wheel drive		
Reverse sensing system		
Overhead rail system		
Power slider backlight		

These are preliminary specifications subject to change.