

2019 F-150 Fleet Specifications | fleet.ford.com



Engine Specifications

Engine type	3.3L Ti-VCT V6	2.7L EcoBoost [®] V6	5.0L Ti-VCT V8	3.5L EcoBoost [®] V6	3.0L Power Stroke [®] V6	H.O. 3.5L EcoBoost [®] V6
Engine Control System	Multicore PCM	Electronic	Electronic	Electronic	Multicore PCM	Electronic
Horsepower (SAE net@rpm)	290 @ 6500	325 @ 5000	395 @ 5750	375 @ 5000	250 @ 3250	450 @ 5000
Torque (lb.-ft. @rpm)	265 @ 4000	400 @ 2750	400 @ 4500	470 @ 3500	440 @ 1750	510 @ 3500
Compression ratio	12:1	10.3:1	12:1	10.5:1	16:1	10.0:1
Bore (in.)	3.56	3.267	3.66	3.64	3.31	3.64
Stroke (in.)	3.41	3.267	3.65	3.41	3.54	3.41
Displacement (cu. in.)	204	164	307	213	182.5	213
Main bearings	4	4	5	4	4	4
Valve operation	Direct Acting Mechanical Bucket	Roller Finger Follower	Roller Finger Follower	Roller Finger Follower	Roller Finger Follower	Roller Finger Follower
Fuel delivery	PFI + DI	PFI + DI	PFI + DI	PFI + DI	Common Rail	PFI + DI
Recommended fuel	Regular Unleaded or E85	Regular Unleaded	Regular Unleaded or E85	Regular Unleaded	Ultra Low Sulfur Diesel or	Premium Unleaded

					up to B20 compatible	
Oil Capacity (qt.)	6	6	8.85	6	6.5	6
Coolant Capacity (L)	12.86	14.3	13.2	14.35	13	14.35
Fuel Economy - 4x2 (city/highway/combined)	19/25/22	20/26/22	17/23/19	18/25/21	22/30/25	-
Fuel Economy - 4x2 Payload Package (city/highway/combined)	-	19/25/21	16/20/17	17/21/19	-	-
Fuel Economy - 4x4 (city/highway/combined)	18/23/20	19/24/21	16/22/18	17/23/19	20/25/22	15/18/16
Fuel Economy - 4x4 Payload Package (city/highway/combined)	-	18/24/21	15/19/17	16/21/18	-	-
Transmission type	Electronic 6-speed automatic	Electronic 10-speed automatic	Electronic 10-speed automatic	Electronic 10-speed automatic	Electronic 10-speed automatic	Electronic 10-speed automatic
Transmission - Tow Haul Mode	Standard	Standard	Standard	Standard	Standard	Standard
Engine block material	Aluminum	Compacted Graphite Iron	Aluminum	Aluminum	Compacted Graphite Iron	Aluminum
Cylinder head material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum