

# Refill Capacities, Motorcraft Parts, and Lubricant Specifications

## Refill Capacities

**NOTE:** Refer to the Diesel Engine Owner's Guide Supplement for refill capacities on diesel engines.

Component	Capacities	
	U.S. Measure	Liters
<b>Engine Crankcase ③</b>	(Quarts)	
4.9L EFI (300 CID)	5.0	4.7
5.0L EFI (302 CID)	5.0	4.7
5.8L EFI (351 CID)	5.0	4.7
7.5L EFI (460 CID)	5.0	4.7
<b>Transmission and Transfer Case</b>		
5-Speed Overdrive (Mazda R2)	3.8	3.6
5-Speed Overdrive ② (ZF S5-47)	3.4	3.2
C-6 Automatic (4x2) ①	12.0	11.4
C-6 Automatic (4x4) ①	13.5	12.8
Automatic Overdrive (4R70W)	13.9	13.1
Elect. 4-Speed Automatic (E4OD) (4x2) ①	15.7	14.9
Elect. 4-Speed Automatic (E4OD) (4x4) ①	16.2	15.3
Transfer Case – Borg Warner 1356 ④	2.0	1.9
Parking Brake Assembly (Super Duty only)	(Ounces) 3.8	–
① Always use automatic transmission fluid dipstick to determine exact fluid quantity requirement. ② Transmission fluid must be replaced every 60,000 miles (100,000 km). Refer to the maintenance schedule. ③ Add 1 quart (or equivalent in or liters) for filter replacement. ④ Add an additional 4.1 quarts (3.9 liters) if a transfer case mounted PTO is used (F-350 only).		

Component		Capacities	
		U.S. Measure	Liters
<b>Axle (Rear)</b> Ford 8.8" Ring Gear ① ④	<b>Truck Type</b> F-150	(Pints) 5.5	2.6
Ford Conventional and Traction-Lok Differential, Semi and Full Float, both with 10-1/4" Ring Gear ②	F-250, 350	7.5	3.5
Dana 80 ③ 11.25" Ring Gear	F-Super Duty & Stripped Chassis	8.3	3.9
<b>Axle (Front) 4x4 Only</b> Front (Dana) 44-IFS	F-150/250 L.D.	3.6	1.7
Front Dana 50IFS	F-250 Heavy Duty	3.8	1.8
Front Dana 60 Monobeam	F-350 4x4	5.8	2.7
<p>① Service refill capacities are determined by filling the rear axle 1/4" to 9/16" below the bottom of the filler hole.</p> <p>② Service refill capacities are determined by filling the rear axle to the bottom of filler hole.</p> <p>③ Fill Dana rear axle to 1/4"-3/4" below bottom of fill hole.</p> <p>④ Caution: F-150 Truck with 4.10:1 Rear Axle Ratio is equipped with <b>Synthetic Rear Axle Lubricant and 5 ounces</b> of additive friction modifier.</p> <p><b>NOTE:</b> All rear axle lube quantities must be replaced every 100,000 miles (160,000 km) or if the axle has been submerged in water. <b>Otherwise, the lube should not be checked or changed unless a leak is suspected or repair required.</b> Refer to the maintenance schedule at the back of this guide.</p>			

Model	Wheelbase In./mm	Mounting Front/ Rear	Capacity	
			U.S. Gal.	Liters
F-150 Regular Cab				
4x2 (SWB)	116.8/2967	F R	16.5 18.2	62 69
4x2 (LWB)	133/3378	F R	19.0 18.2	72 69
4x4 (SWB) ①	116.8/2967	R	18.2	69
4x4 (LWB)	133/3378	F R	19.0 ③ 18.2	72 69
F-150 Super Cab				
4x2 (SWB)	138.8/3526	F R	16.5 18.2	62 69
4x4 (SWB)	138.8/3526	F R	16.5 18.2	62 69
4x2 (LWB)	155/3937	F R	19.0 18.2	72 69
4x4 (LWB)	155/3937	F R	19.0 18.2	72 69

Footnotes located at end of Fuel Tank Refill Capacities Charts.

Model	Wheelbase In./mm	Mounting Front/ Rear	Capacity	
			U.S. Gal.	Liters
F-250 Regular Cab				
4x2	133/3378	F	19.0 ②	72
		R	18.2	69
4x4	133/3378	F	19.0 ③	72
		R	18.2	69
F-250 SuperCab and F-250 Crew Cab				
4x2 (SWB)	138.8/3526 and 152/3860	F	16.5	62
		R	18.2	69
4x4 (SWB)	138.8/3526 and 152/3860	F	16.5	62
		R	18.2	69
F-250 SuperCab and F-350 Crew Cab				
4x2 (LWB)	155/3937 and 168/4278	F	19.0	72
		R	18.2	69
4x4 (LWB)	155/3937 and 168/4278	F	19.0	72
		R	18.2	69
F-350 SuperCab				
4x2 (LWB)	155/3937	F	19.0	72
		R	18.2	69

Footnotes located at end of Fuel Tank Refill Capacities Charts.

Model		Wheelbase In./mm	Mounting Front/ Rear	Capacity	
				U.S. Gal.	Liters
F-350 Pickup/ Chassis Cab	4 x 2	133/3378	F R	19.0 ② 18.2	72 69
	4 x 4	133/3378	F R	19.0 ③ 18.2	72 69
F-350 SRW Chassis Cab	4 x 2	136.8/3475	F R	19.0 19.0	72 72
	4 x 2	160.8/4085	F R	19.0 ② 19.0	72 72
F-350 DRW Chassis Cab	4 x 4	136.8/3474.7	F R	19.0 ② 19.0	72 72
	4 x 2	160.8/4085	F R	19.0 ② 19.0 ②	72 72

Footnotes located at end of Fuel Tank Refill Capacities Charts.

Model		Wheelbase In./mm	Mounting Front/ Rear	Capacity	
				U.S. Gal.	Liters
F-Super Duty Chassis Cab	4 x 2	136.8/3475	F	19.0 ②	72
			R	19.0	72
	4 x 2	160.8/4085	F	19.0 ②	72
			R	19.0	72
	4 x 2	184.8/4694	F	19.0 ②	72
			R	19.0	72
① Dual tanks are standard except on Regular Cab (4x4) (SWB). ② With Diesel Engine 20.0 gallons (76 liters). ③ With E4OD transmission Diesel Engine 22.0 gallons (18.3 imp. gals., 83 liters) and all other EFI Engines 16.5 gallons (62 liters).					