

SECTION 204-00: Suspension System — General Information
SPECIFICATIONS

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Material

Item	Specification	Fill Capacity
Motorcraft® Wheel and Tire Cleaner ZC-37-A	—	—

Alignment Specifications

Item	LH	RH	Total/Split
Rear Wheel Drive (RWD)			
Camber	$-0.2^{\circ} \pm 0.75^{\circ}$	$-0.4^{\circ} \pm 0.75^{\circ}$	$0.2^{\circ} \pm 0.75^{\circ}$
Caster	$3.9^{\circ} \pm 1.0^{\circ}$	$4.3^{\circ} \pm 1.0^{\circ}$	$-0.4^{\circ} \pm 0.75^{\circ}$
Total toe (front)	—	—	$0.20^{\circ} \pm 0.20^{\circ}$
Thrust angle (rear)	—	—	$0.0^{\circ} \pm 0.50^{\circ}$
Four-Wheel Drive (4WD) (all except SVT Raptor)			
Camber	$-0.2^{\circ} \pm 0.75^{\circ}$	$-0.4^{\circ} \pm 0.75^{\circ}$	$0.2^{\circ} \pm 0.75^{\circ}$
Caster	$3.8^{\circ} \pm 1.0^{\circ}$	$4.2^{\circ} \pm 1.0^{\circ}$	$-0.4^{\circ} \pm 0.75^{\circ}$
Total toe (front)	—	—	$0.20^{\circ} \pm 0.20^{\circ}$
Thrust angle (rear)	—	—	$0.0^{\circ} \pm 0.50^{\circ}$
Four-Wheel Drive (4WD) (SVT Raptor)			
Camber	$-0.45^{\circ} \pm 0.75^{\circ}$	$-0.45^{\circ} \pm 0.75^{\circ}$	$0.2^{\circ} \pm 0.75^{\circ}$
Caster	$3.7^{\circ} \pm 1.0^{\circ}$	$4.1^{\circ} \pm 1.0^{\circ}$	$0.0^{\circ} \pm 0.75^{\circ}$
Total toe (front)	—	—	$0.20^{\circ} \pm 0.20^{\circ}$
Thrust angle (rear)	—	—	$0.0^{\circ} \pm 0.50^{\circ}$

General Specifications

Item	Specification
Ball Joint Deflection, All Vehicles	
Lower	0-0.8 mm (0-0.032 in)
Upper	0-0.2 mm (0-0.008 in)
Ride Height — Four-Wheel Drive (4WD) Crew Cab	
145-in wheelbase, 3.5L GTDI	
Front	114 mm (4.488 in)
	± 12 mm (0.472 in)
Rear	163 mm (6.417 in)