

Specifications

General Specifications

Item	Specification	
Ranger - (All Vehicles)		
Ball Joint Deflection		
Upper Arm Ball Joint	0-0.2 mm	
Lower Arm Ball Joint	0-0.8 mm	
Ride Height		
Front Ride Height	107 mm ± 12 mm	
Rear Ride Height	322 mm ± 12 mm	
Raptor - 4WD		
Front Ride Height	116 mm ± 12 mm	
Rear Ride Height	LH	RH
	276 mm ± 12 mm	137 mm ± 12 mm
Vehicle Lean (side-to-side height differences), All Vehicles		
Front - maximum	0 mm ± 8 mm	
Rear - maximum	0 mm ± 8 mm	

Wheel Alignment Specifications (at curb weight)

NOTE: All alignment specifications are with the vehicle fuel tank full.

Item		Left	Right	Total/Split
Caster	Front	3.00° ± 0.60°	3.00° ± 0.60°	0.00° ± 0.70°
	Rear	-	-	-
Camber	Front	0.00° ± 0.50°	0.00° ± 0.50°	0.00° ± 0.70°
	Rear	-	-	-
Toe	Front	0.00° ± 0.15°	0° ± 0.15°	0.00° ± 0.20°
	Rear	-	-	-
Thrust Angle	Rear	-	-	-
Raptor - 4WD				
Caster	Front	3.45° ± 0.60°	3.45° ± 0.60°	0.00° ± 0.70°
	Rear	-	-	-
Camber	Front	-0.10° ± 0.50°	-0.10° ± 0.50°	0.00° ± 0.70°
	Rear	-	-	-

Item		Left	Right	Total/Split
Toe	Front	$0.10^\circ \pm 0.15^\circ$	$0.10^\circ \pm 0.15^\circ$	$0.20^\circ \pm 0.20^\circ$
	Rear	-	-	-
Thrust Angle	Rear	-	-	-

© Copyright 2025, Ford Motor Company.