

204-00 Suspension System - General Information
Specifications

2019 Ranger
Procedure revision date: 12/7/2018

Specifications

General Specifications (at curb weight)

NOTE: Measurements listed at curb load. Curb load is defined as "full service fluids, full fuel tank(s), no passengers and no cargo".

Item	Specification
Ball Joint Deflection	
Upper	0-0.2 mm (0-0.008 in)
Lower	0-0.8 mm (0-0.032 in)
Front Ride Height (All Vehicles)	
<u>4WD</u>	111 mm ± 12 mm
<u>RWD</u>)	93.5 mm ± 12 mm
Rear Ride Height (All Vehicles)	
<u>4WD</u> / <u>RWD</u>	319 mm ± 12 mm
Side-to-Side Variation (All Vehicles)	
Front	± 8 mm
Rear	± 8 mm

Alignment Specifications (at curb weight)4WD - vehicles Super Cab/ Crew Cab

Item		Left	Right	Tolerance (Side to side)
Camber	Front	0.03° ± 0.75°	0.03° ± 0.75°	0.00° ± 0.75°
	Rear	-	-	-
Caster	Front	2.72° ± 0.75°	2.72° ± 0.75°	0.00° ± 0.75°
	Front - Bridgestone 255/70R16 and 265/60R18	2.47° ± 0.75°	2.97° ± 0.75°	-0.50° ± 0.75°
	Rear	-	-	-
Toe @ curb ride height (positive value is toe in, negative value is toe out)	Front	0.00° ± 0.10°	0.00° ± 0.10°	0.00° ± 0.20°
	Rear	-	-	-
Thrust Angle	Rear	-	-	0.00° ± 0.50°

Alignment Specifications (at curb weight)RWD - vehicles Super Cab/ Crew Cab

Item		Left	Right	Tolerance (Side to side)
Camber	Front	$-0.44^{\circ} \pm 0.75^{\circ}$	$-0.44^{\circ} \pm 0.75^{\circ}$	$0.00^{\circ} \pm 0.75^{\circ}$
	Rear	-	-	-
Caster	Front	$2.90^{\circ} \pm 0.75^{\circ}$	$2.90^{\circ} \pm 0.75^{\circ}$	$0.00^{\circ} \pm 0.75^{\circ}$
	Front - Bridgestone 255/70R16 and 265/60R18	$2.65^{\circ} \pm 0.75^{\circ}$	$3.15^{\circ} \pm 0.75^{\circ}$	$-0.50^{\circ} \pm 0.75^{\circ}$
	Rear	-	-	-
Toe @ curb ride height (positive value is toe in, negative value is toe out)	Front	$0.00^{\circ} \pm 0.10^{\circ}$	$0.00^{\circ} \pm 0.10^{\circ}$	$0.00^{\circ} \pm 0.20^{\circ}$
	Rear	-	-	-
Thrust Angle	Rear	-	-	$0.00^{\circ} \pm 0.50^{\circ}$

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