

2018 SUSPENSION**Wheel Alignment - Equinox & Terrain****SPECIFICATIONS****WHEEL ALIGNMENT SPECIFICATIONS**

Suspension	Camber		Cross Camber (L-R)	Caster		Cross Caster (L-R)	Total Toe	Steering Wheel Angle	Thrust Angle / 2
	Left	Right		Left	Right				
Front FWD	-0.50° ± 0.70°	-0.50° ± 0.70°	0.0° ± 0.80°	4.50° ± 0.80°	4.50° ± 0.80°	0.0° ± 0.80°	+0.20° ± 0.20°	0.0° ± 3.50°	-
Front AWD	-0.35° ± 0.70°	-0.35° ± 0.70°	0.0° ± 0.80°	4.50° ± 0.80°	4.50° ± 0.80°	0.0° ± 0.80°	+0.20° ± 0.20°	0.0° ± 3.50°	-
Rear	-0.50° ± 0.80°	-0.50° ± 0.80°	-	-	-	-	0.10° ± 0.20°	-	0.0° ± 0.30°

Alignment Condition: Full tank of fuel, no passengers and placed on flat level surface.

FASTENER SPECIFICATIONS**Reusable Threaded Fastener Tightening Specifications**

NOTE: <i>All fasteners listed in this table can be reused after removal.</i>	
Application	Specification
	Metric (English)
Tie Rod Jam Nut	75 N.m (55 lb ft)

REPAIR INSTRUCTIONS**WHEEL ALIGNMENT MEASUREMENT**

Steering and vibration complaints are not always the result of improper alignment. One possible cause is wheel and tire imbalance. Another possibility is tire lead due to worn or improperly manufactured tires. Lead/pull is defined as follows: At a constant highway speed on a typical straight road, lead/pull is the amount of effort required at the steering wheel to maintain the vehicle straight path. Lead is the vehicle deviation from a straight path on a level road without pressure on the steering wheel.

Before performing any adjustment affecting wheel alignment, perform the following inspections and adjustments in order to ensure correct alignment readings:

- Inspect the tires for the proper inflation and adjust as necessary.
- Inspect the tires for irregular tire wear. Refer to [Tire Diagnosis - Irregular or Premature Wear](#)
- Inspect the runout of the wheels and the tires.
- Inspect the wheel bearings for backlash and excessive play.
- Inspect the ball joints and tie rod ends for looseness or wear.
- Inspect the control arms and stabilizer shaft for looseness or wear.
- Inspect the steering gear for looseness at the frame. Refer to [Fastener Specifications](#)
- Inspect the struts/shock absorbers for wear, leaks, and any noticeable noises. Refer to [Suspension Strut and Shock Absorber Testing - On Vehicle](#)