

Classification:

FA19-001

Reference:

ITB19-015

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## 2019 QX50; WHEEL ALIGNMENT SERVICE INFORMATION

**APPLIED VEHICLE:** 2019 QX50 (J55)

### SERVICE INFORMATION

Some wheel alignment specifications listed in the **Front Suspension** section of the Electronic Service Manual (ESM) have been revised.

Until the updated ESMs are made available, use the revised specifications listed in this bulletin.

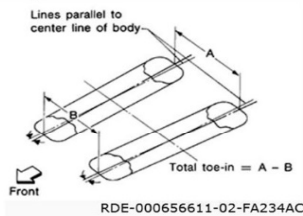
Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

# Wheel Alignment (Unladen\*1)

## UNITED STATES

### FWD

Item		Standard
Camber	Minimum	-1° 10' 00" (-1.166°)
	Nominal	-0° 20' 00" (-0.333°)
	Maximum	0° 30' 00" (0.5°)
	(LH) and (RH) difference*2	0° 30' 00" (0.500°) MAX
Caster	Minimum	5° 25' 00" (5.416°)
	Nominal	6° 20' 00" (6.333°)
	Maximum	7° 15' 00" (7.25°)
	(LH) and (RH) difference*2	0° 30' 00" (0.500°) MAX
Kingpin inclination	Minimum	10° 00' 00" (10.000°)
	Nominal	10° 45' 00" (10.750°)
	Maximum	11° 30' 00" (11.500°)



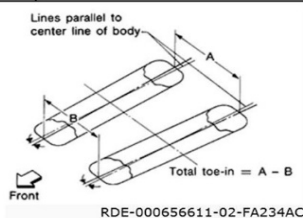
Total toe-in	Distance (A - B)	Minimum	Out 0.4 mm (0.016 in)
		Nominal	In 2.1 mm (0.083 in)
		Maximum	In 4.6 mm (0.181 in)
	Angle (LH) and (RH) Degree minute (Decimal degree)	Minimum	Out 0° 01' 00" (0.017°)
		Nominal	In 0° 10' 00" (0.167°)
		Maximum	In 0° 21' 00" (0.350°)

\*1 Fuel, engine coolant, and lubricants are full. Spare tire, jack, hand tools, and mats are in designated positions.

\*2: The difference when assuming the (LH) side is the standard.

### AWD

Item		Standard
Camber	Minimum	-1° 10' 00" (-1.166°)
	Nominal	-0° 20' 00" (-0.333°)
	Maximum	0° 30' 00" (0.5°)
	(LH) and (RH) difference*2	0° 30' 00" (0.500°) MAX
Caster	Minimum	5° 25' 00" (5.416°)
	Nominal	6° 20' 00" (6.333°)
	Maximum	7° 15' 00" (7.25°)
	(LH) and (RH) difference*2	0° 30' 00" (0.500°) MAX
Kingpin inclination	Minimum	10° 00' 00" (10.000°)
	Nominal	10° 45' 00" (10.750°)
	Maximum	11° 30' 00" (11.500°)



Total toe-in	Distance (A - B)	Minimum	Out 0.4 mm (0.016 in)
		Nominal	In 2.1 mm (0.083 in)
		Maximum	In 4.6 mm (0.181 in)
	Angle (LH) and (RH) Degree minute (Decimal degree)	Minimum	Out 0° 01' 00" (0.017°)
		Nominal	In 0° 10' 00" (0.167°)
		Maximum	In 0° 21' 00" (0.350°)

\*1 Fuel, engine coolant, and lubricants are full. Spare tire, jack, hand tools, and mats are in designated positions.

\*2: The difference when assuming the (LH) side is the standard.

Figure 1

**AMENDMENT HISTORY**

PUBLISHED DATE	REFERENCE	DESCRIPTION
July 11, 2019	ITB19-015	Original bulletin published

