

SERVICE BULLETIN

Classification: FA19-001 Reference: ITB19-015 COPYRIGHT© NISSAN NORTH AMERICA, INC. Date:

July 11, 2019

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

Ite	m	Standard
	Minimum	-1° 10' 00'' (-1.166°)
Camber	Nominal	-0° 20' 00'' (-0.333°)
gree minute (Decimal degree)	Maximum	0° 30' 00'' (0.5°)
	(LH) and (RH) difference* ²	0° 30' 00'' (0.500°) MAX
	Minimum	5° 25' 00" (5.416°)
Caster	Nominal	6° 20' 00'' (6.333°)
gree minute (Decimal degree)	Maximum	7° 15' 00'' (7.25°)
begree minute (Decimal degree)	(LH) and (RH) difference* ²	0° 30' 00'' (0.500°) MAX
gpin inclination	Minimum	10° 00' 00" (10.000°)
	Nominal	10° 45' 00" (10.750°)
gree minute (Decimal degree)	Maximum	11° 30' 00" (11.500°)
	Lines parallel to center line of body Total toe-in = A - B RDE-0006556611-02-FA234AC	

Total toe-in Angle Degree	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)
	Degree minute	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
		Minimum	-1° 10' 00'' (-1.166°)
Camber		Nominal	-0° 20' 00'' (-0.333°)
Degree minute (Decimal degree)		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°)
Degree minute (Decimal degree)		Maximum	7° 15' 00'' (7.25°)
		(LH) and (RH) difference* ²	0° 30' 00'' (0.500°) MAX
Kingpin inclination Degree minute (Decimal degree)		Minimum	10° 00' 00'' (10.000°)
		Nominal	10° 45' 00" (10.750°)
		Maximum	11° 30' 00" (11.500°)
		Front RDE-000656611-02-FA234AC	
		Front	Out 0.4 mm (0.016 in)
	Distance (A - B)	Front RDE-000656611-02-FA234AC	Out 0.4 mm (0.016 in) In 2.1 mm (0.083 in)
	Distance (A - B)	Front RDE-000656611-02-FA234AC	
otal toe-in	Distance (A - B) Angle (LH) and (RH)	Front RDE-000656611-02-FA234AC	In 2.1 mm (0.083 in)
otal toe-in		Front RDE-000656611-02-FA234AC	In 2.1 mm (0.083 in) In 4.6 mm (0.181 in)

Figure 1

AMENDMENT HISTORY

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