

Last Modified: 3-27-2012	6.4 F	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000312N05WX
Title: SPECIFICATIONS: ALIGNMENT / HANDLING DIAGNOSIS: SERVICE DATA (2013 FR-S)		

SERVICE DATA

Vehicle Height (Unloaded Vehicle)

FRONT B - A	REAR C	REAR D	REAR E
146 mm (5.75 in.)	225 mm (8.86 in.)	375 mm (14.76 in.)	372 mm (14.65 in.)

Measurement points:

- A: Ground clearance of front lower suspension arm set front bolt center
- B: Ground clearance of front wheel center
- C: Ground clearance of lower control arm set bolt center
- D: Front wheel arch height of front wheel center
- E: Rear wheel arch height of rear wheel center

Camber (Unloaded Vehicle)

-	CAMBER INCLINATION	RIGHT-LEFT DIFFERENCE
Front	0 +/- 45' (0 +/- 0.75°)	30' (0.50°) or less
Rear	-1°12' +/- 45' (-1.20° +/- 0.75°)	45' (0.75°) or less

Caster (Unloaded Vehicle)

-	CASTER INCLINATION (REFERENCE)	RIGHT-LEFT DIFFERENCE
Front	5°54' (5.90°)	30' (0.50°) or less

Wheel Turning Angle (Unloaded Vehicle)

-	INSIDE WHEEL (REFERENCE)	OUTSIDE WHEEL (REFERENCE)
Front	36°54' (43.90°)	31°12' (31.20°)

Toe-in (Unloaded Vehicle)

-	SPECIFIED CONDITION
Front	C + D: 0°00' +/- 0°11' (0.00° +/- 0.19°)
	B - A: 0 +/- 3.0 mm (0 +/- 0.1181 in.)
Rear	C + D: 0°10' +/- 0°15' (0.16° +/- 0.24°)
	B - A: 2.0 +/- 3.0 mm (0.0787 +/- 0.1181 in.)

Wheel Turning Angle (Unloaded Vehicle)

-	INSIDE WHEEL	OUTSIDE WHEEL REFERENCE
Front	41°48' +/- 2° (41.8° +/- 2°)	36°20' (36.33°)

Distance between the centers of the 2 installation bolts of the rear No. 2 suspension arm assembly LH and RH

-	STANDARD DISTANCE
Rear	443.8 to 447.8 mm (17.47 to 17.63 in.)

Distance between the centers of the 2 installation bolts of the rear No. 2 suspension arm assembly

-	STANDARD DISTANCE
Rear	448.9 to 450.9 mm (17.67 to 17.75 in.)