

WHEEL ALIGNMENT SPECIFICATIONS & PROCEDURES

1990 Nissan 240SX

1990 WHEEL ALIGNMENT
Alignment Specifications

240SX, 300ZX

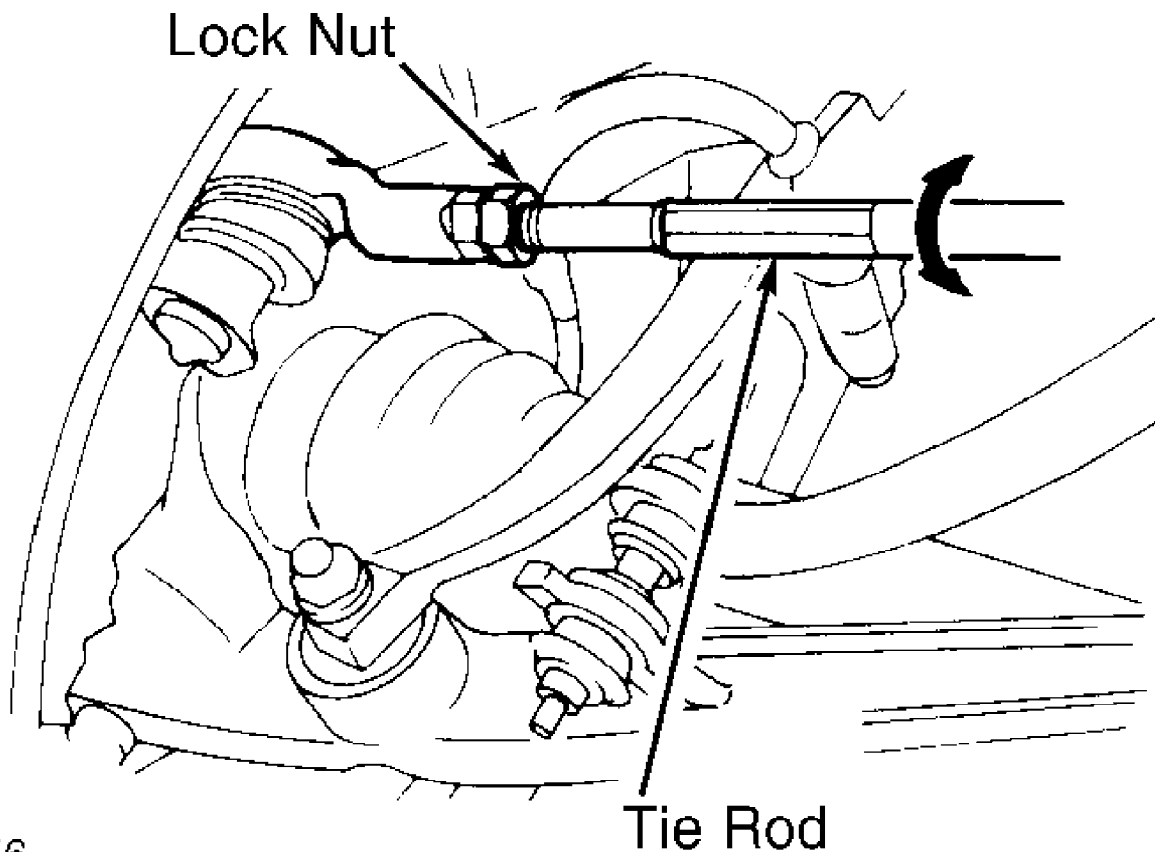
WHEEL ALIGNMENT PROCEDURES

PRELIMINARY ALIGNMENT INSPECTION

Before checking or adjusting alignment, check passenger and luggage compartments for extra heavy items and remove if present. Ensure fuel tank, radiator, engine crankcase, transaxle/transmission, and differential fluids levels are all correct. Spare tire and manufacturer's jack should also be in place before checking or adjusting alignment settings.

Check tires for abnormal wear and improper inflation. Check steering and suspension linkage for looseness. Bounce vehicle to test shock absorbers and struts and check for abnormal vehicle heights from side to side or front to rear when vehicle is at rest.

NOTE: Illustrations given are typical adjustment points.



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Fig. 1: Adjusting Front Toe-In
Courtesy of Nissan Motor Co., U.S.A.

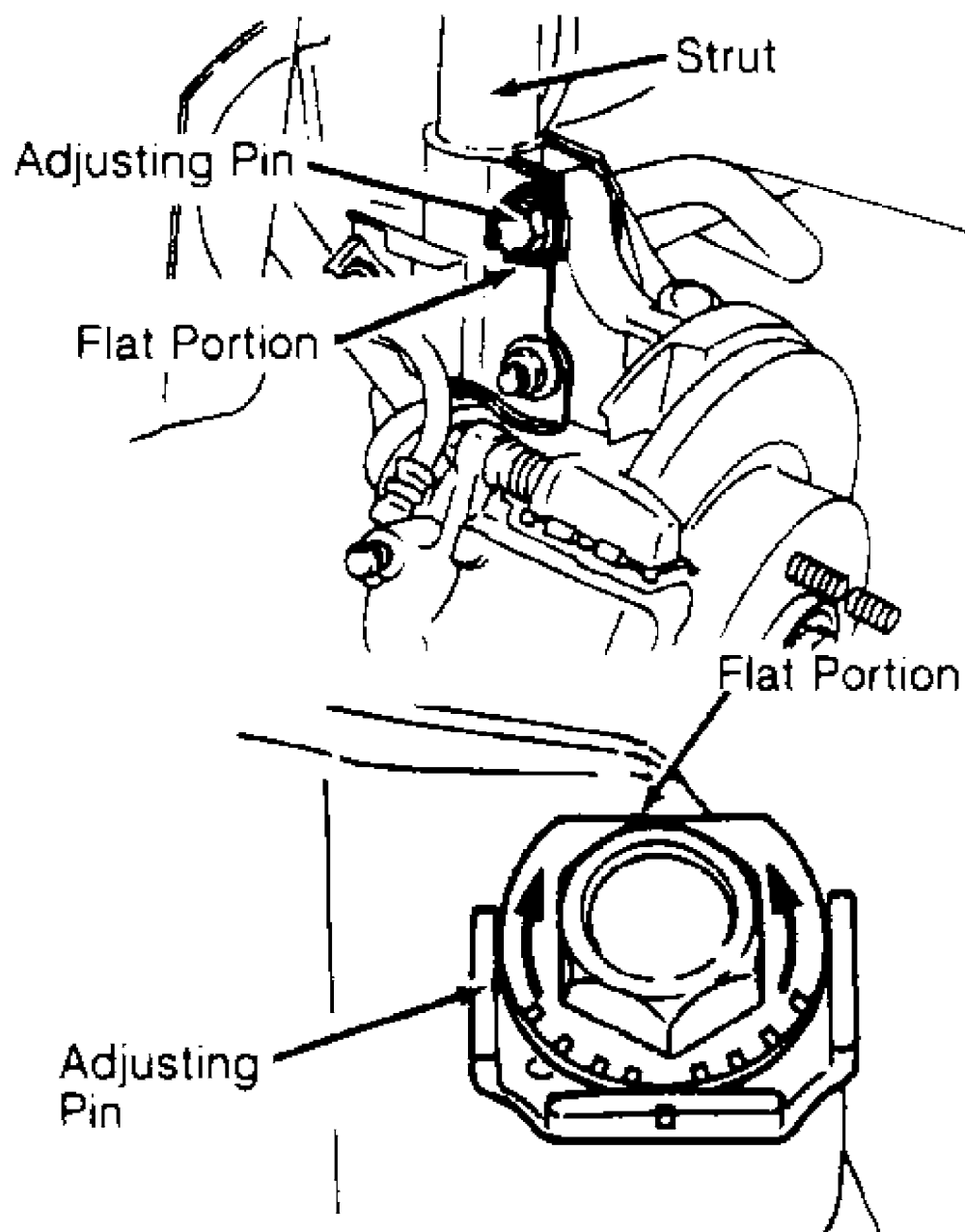
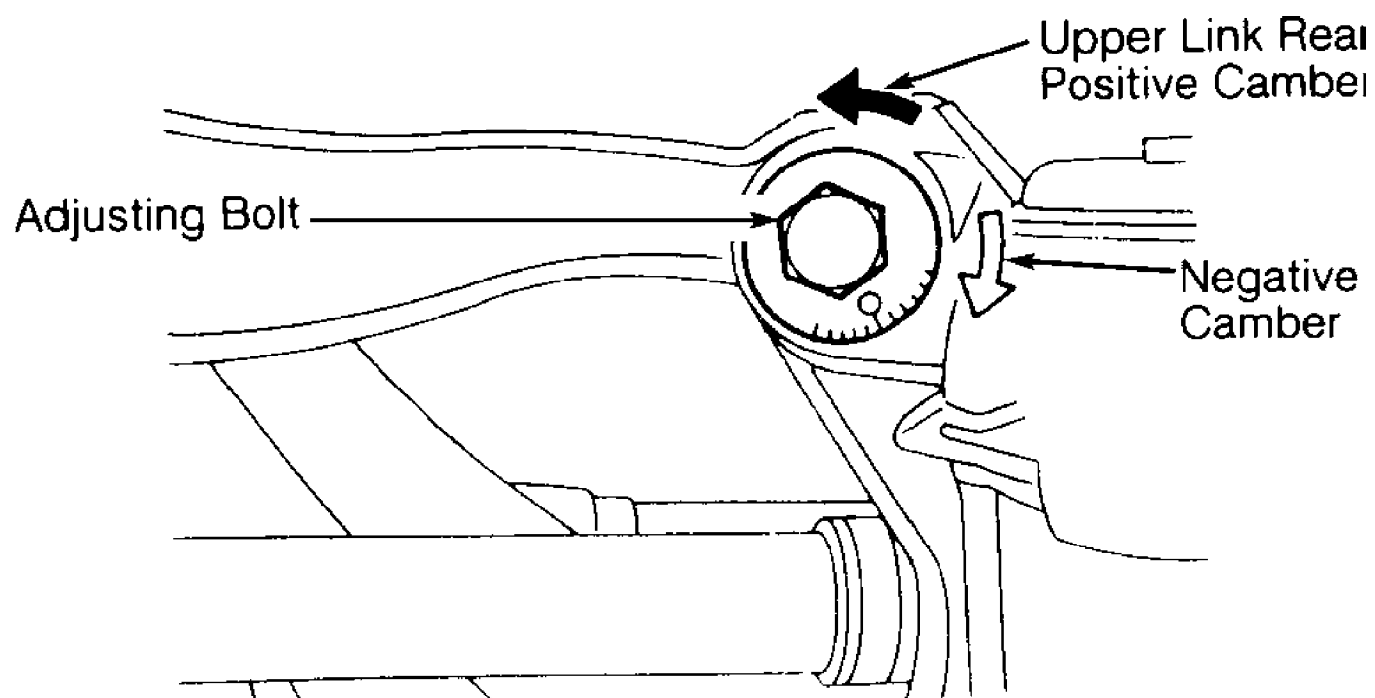


Fig. 2: Adjusting Front Camber (240SX)
Courtesy of Nissan Motor Co., U.S.A.



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Fig. 3: Adjusting Rear Camber (240SX)
Courtesy of Nissan Motor Co., U.S.A.

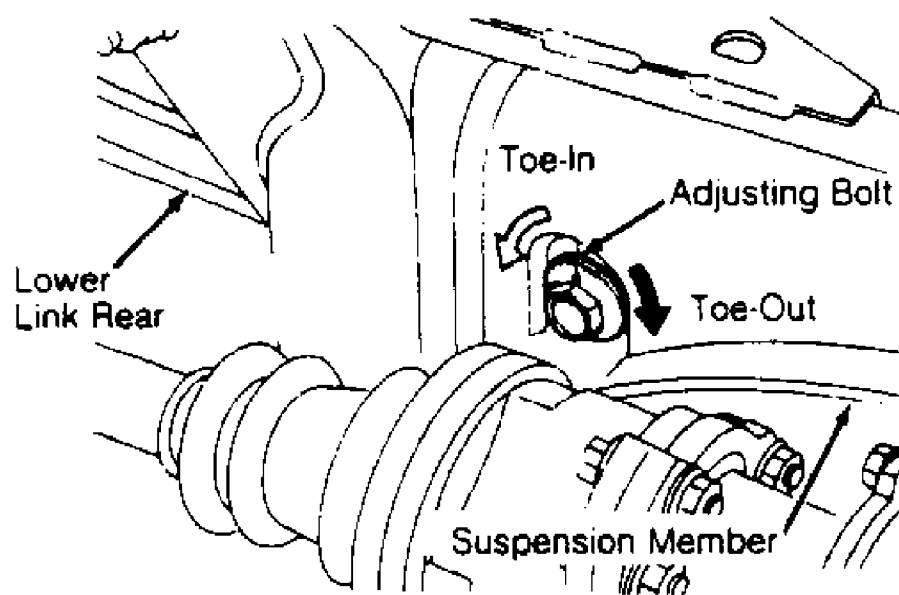


Fig. 4: Adjusting Rear Toe-In (240SX)
Courtesy of Nissan Motor Co., U.S.A.

WHEEL ALIGNMENT SPECIFICATIONS (240SX)

WHEEL ALIGNMENT SPECIFICATIONS

Application	Fraction	Decimal
240SX		
Camber (Degrees)	-1 1/2 - 0	-1.50 - 0
Caster (Degrees)	6 - 7 1/2	6.00 - 7.50
Toe-In (Degrees)	1/64 - 1/16	.03 - .13
Toe-In (Inches)	1/64 - 3/32	.02 - .09
Toe-Out on Turns (Degrees)		
Inner	39 - 43	39.00 - 43.00
Outer	33	33.00
Steering Axis Inclination		
(SAI) (Degrees)	12 1/2 - 14	12.50 - 14.00

WHEEL ALIGNMENT SPECIFICATIONS (300ZX)

WHEEL ALIGNMENT SPECIFICATIONS

Application	Fraction	Decimal
300ZX		
Camber (Degrees)	-1 37/64 - 0	-1.58 - 0
Caster (Degrees)	9 - 10 1/2	9.00 - 10.50
Toe-In (Degrees)	0 - 5/64	0 - .08
Toe-In (Inches)	0 - 5/64	0 - .08
Toe-Out on Turns (Degrees)		
Inner	34 1/2 - 38 1/2	34.50 - 38.50
Outer	28 - 32	28.00 - 32.00
Steering Axis Inclination		
(SAI) (Degrees)	12 11/64 - 13 43/64 ...	12.17 - 13.67

TORQUE SPECIFICATIONS

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Application	Ft. Lbs. (N.m)
240SX	
Adjusting Bolt Lock Nut (R)	51-65 (69-88)
Adjusting Pin Lock Nut (F)	91-106 (123-144)
Tie Rod Lock Nut	27-34 (37-46)
Wheel Lug Nut	72-87 (98-118)
300ZX	
Tie Rod Lock Nut	58-72 (79-98)
Wheel Lug Nut	72-87 (98-118)