

Trace: > stock_springs

Stock Spring Information

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SS springs are a rare commodity now, as the Nissan supply of them was depleted in March 2000. A trickle of SS springs are available at various large dealerships as they pop up in Nissan's inventory in Japan. Check Courtesy Nissan if you insist on buying them new (\$112 EACH, \$85 EACH from courtesy. You need 4.) Since they were so popular, they should start popping up in junkyards. All stock springs are color coded for their application. SS springs have white and purple marks on the rear springs while the fronts have orange and pink marks. If you get harder springs you also need firmer shocks to hold the springs.

While the Z31 springs will fit in any Z31, there will be a slight shift in ride height depending on what model you have and what springs you end up using. So, if you use the 84 2 seater GL spring in an 88 2+2 turbo, you might find your car sitting slightly lower than before.

	Front (in lb/in)	Rear (in lb/in)
88 SS	207	224
84AE + 86T	146	188.2
87-89 turbo	196	188.2
All others	136.1	140

Front Spring Breakdown

Stock Front Springs					
Spring Code	color code (top / bottom)	Wire Diamter mm(in)	Coil Diameter mm(in)	Free length mm(in)	Spring constant N/mm (kg/mm, lb/in)
#1	red-1 white-1	13.5(0.531)	170(6.69)	293.5(11.56)	23.83(2.43,136.1)
#2	white-1 white-1	13.5(0.531)	170(6.69)	306.0(12.05)	23.83(2.43,136.1)
#3	yellow-1 white-1	13.5(0.531)	170(6.69)	300.0(11.81)	23.83(2.43,136.1)
#4	white-1 white-1	13.8(0.543)	170(6.69)	306.0(12.05)	23.83(2.43,136.1)
#5	yellow-1 white-1	14.0(0.551)	170(6.69)	300.0(11.81)	23.83(2.43,136.1)
#6	blue-1 white-1	13.8(0.543)	170(6.69)	312.5(12.30)	23.83(2.43,136.1)
#7	yellow-1 white-1	13.8(0.543)	170(6.69)	294.5(11.59)	25.5(2.6,146)
#8	yellow-1 orange-1	14.8(0.583)	170(6.69)	268.5(10.57)	34.3(3.5,196)
#9	blue-1 orange-1	13.9(0.547)	170(6.69)	318.5(12.54)	23.83(2.43,136.1)
#10	orange-1 pink-1	14.5(0.571)	170(6.69)	263(10.35)	36.3(3.7,207)

Spring Code / Applied Model					
Spring Code	Year	Model	Grade	Roof	Engine
#1	84	2 seater	SF/GL	ALL	NA
#1	84	2 seater	ALL	ALL	T
#2	84	4 seater	ALL	ALL	NA
#3	84	2 seater	GLL	ALL	NA
#3	84	4 seater	ALL	ALL	T
#4	85-86	2 seater	GLL	ALL	NA
#4	85	4 seater	ALL	ALL	T
#5	85	2 seater	ALL	ALL	T
#5	85-86	2 seater	SF/GL	ALL	NA
#6	87-89	2 seater	ALL	ALL	NA
#6	85-86	4 seater	ALL	ALL	NA
#7	84	2 seater	50th AE	t-tops	T
#7	86	ALL	ALL	ALL	T
#8	87-89	ALL	ALL	ALL	T
#9	87-89	4 seater	ALL	ALL	NA
#10	88	2 seater	SS	t-tops	T

Rear Spring Breakdown

Stock Rear Springs					
Spring Code	color code (top / bottom)	Wire Diamter mm(in)	Coil Diameter mm(in)	Free length mm(in)	spring constant N/mm (kg/mm, lb/in)
#1	red-1 yellow-2	12.8(0.504)	110(4.33)	364(14.33)	24.5(2.5,140)
#2	yellow-1 yellow-2	13.0(0.512)	110(4.33)	370(14.57)	24.5(2.5,140)

#3	white-1 white-2	13.0(0.512)	110(4.33)	376(14.80)	24.5(2.5,140)
#4	red-1 white-2	13.2(0.520)	110(4.33)	382(15.04)	24.5(2.5,140)
#5	red-1 white-2	13.2(0.520)	111.2(4.38)	382(15.04)	24.5(2.5,140)
#6	white-1 yellow-2	13.0(0.512)	110(4.33)	376(14.80)	24.5(2.5,140)
#7	white-1 yellow-2	13.2(0.520)	110(4.33)	376(14.80)	24.5(2.5,140)
#8	purple-1 yellow-2	13.8(0.543)	110(4.33)	336.5(13.25)	33.0(3.36,188.2)
#9	white-1 yellow-2	13.0(0.512)	111.0(4.37)	376(14.80)	24.5(2.5,140)
#10	purple-1 yellow-2	13.8(0.543)	111.8(4.40)	336.5(13.25)	33.0(3.36,188.2)
#11	green-1 yellow-2	13.3(0.524)	111.3(4.38)	388(15.28)	24.5(2.5,140)
#12	pink-1 white-2	13.8(0.543)	111.8(4.40)	341.0(13.43)	33.0(3.36,188.2)
#13	white-1 purple-1	13.5(0.531)	110.0(4.33)	317.0(12.48)	39.2(4.0,224)

Spring Code / Applied Model					
Spring Code	Year	Model	Grade	Roof	Engine
#1	84	2 seater	GL	hardtop	NA
#1	84	ALL	GL	ALL	T
#2	84	2 seater	GL	t-top	NA
#2	84	4 seater	GL	ALL	NA
#2	84	all	GLL	ALL	T
#2	85	all	GL	ALL	T
#3	84	4 seater	GLL	t-top	NA
#4	85	4 seater	GLL	t-top	NA
#4	85-86	2 seater	GLL	t-top	NA
#5	87-89	all	GL	t-top	NA
#6	85	all	GLL	ALL	T
#6	85-86	all	GL	t-top	NA
#6	86	2 seater	GL	hardtop	NA
#7	86	4 seater	GLL	t-top	NA
#8	84	2 seater	50th AE	t-tops	T
#8	86	all	ALL	ALL	T
#9	87-89	2 seater	GL	hardtop	NA
#10	87-89	all	GL	ALL	T
#11	87-89	all	GLL	t-top	NA
#12	87-89	all	GLL	ALL	T
#13	88	2 seater	SS	t-top	T

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