

OEM Springs & Options up to July 1973 for S30Z

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Name	Partnumber FL	Partnumber FR	Partnumber Rear	Data Left front	Data Right front	Color code Front	Data rear	Color code rear	Source	Notes
OEM USA, M/T JDM S30, HS30 M/T	54010-E4102	54010-E4104	55020-E4102 (Spring ratio 1)	Spring constant: 1.49 Spring wire diameter: 10.6mm Coil diameter: 110.6mm Inside diameter: 100mm Coil Turns: 10 Coil effective turns: 8.5 Free length: 373(,5)mm Loaded length: 201mm	Spring constant: 1.49 kg/mm Spring wire diameter: 10.6mm Coil diameter: 110.6mm Inside diameter: 100mm Coil Turns: 10 Coil effective turns: 8.5 Free length: 386mm Loaded length: 201mm	Left: Blue + Red stains Right: Blue + White stains	Spring constant: 1.85kg/mm (1.80) Spring wire diameter: 11.4mm Inside diameter: 100mm Number of coils: 10,65 Free length: 369mm Loaded length: 215mm Typical loading: 288kg	Single White stain	USDM Manual, E-FAST JDM Parts catalogue Microfiches Heiko JDM Service Manual UK-market Nissan 'R-Drive' parts manual	
Optional USA Front springs Optional JDM S30/HS30 Front springs for A/C and A/T equipped cars	54010-E4103	54010-E4105		Spring constant: 1.49kg/mm Inside diameter: 100mm Free length: 380mm Loaded length: 201mm Typical Loading: 264kg	Spring constant: 1.49kg/mm Inside diameter: 100mm Free length: 392mm Loaded length: 201mm Typical Loading: 282kg	Left: Blue + Yellow Stains Right: Blue + Blue stains			E-FAST JDM Parts catalogue JDM Service Manual UK-market Nissan 'R-Drive' parts manual	
US Option "Stage 1 Euro Spec" (Never used in European cars?)	54010-E4106	54010-E4107	55020-E4201 (Spring ratio 2)	Spring constant: 1.80kg/mm Inside diameter: 100mm Free length: 319mm Loaded length: 178mm Typical loading: 254kg	Spring constant: 1.80kg/mm Inside diameter: 100mm Free length: 331mm Loaded length: 178mm Typical loading: 274kg	Right: blue & green Stains Left: Orange & Blue Stains	Spring constant: 2.07kg/mm Inside diameter: 100mm Free length: 356mm Loaded length: 225mm Typical loading: 296kg	2x Yellow stains	E-FAST USDM options / Competition Catalogue, Microfiches Heiko Zhome pictures & Text UK-market Nissan 'R-Drive' parts manual	Actually these were never installed in European cars and will not fit on European cars! "European cars have 10 to 15% more spring rate than springs delivered on US. Cars and just a slightly lower ride height (approx 1/2 to 1"). They are an excellent addition for the enthusiast who does not want to use more exotic suspension systems" * The Euro Spec 1 springs are a direct replacement for the stock springs They will lower the car
US Option "Stage 2 Euro Spec" European (LHD and RHD) 240Z Standard (these were installed on my cars)	54010-E8100	54010-E8101	55020-E8100	Spring constant: 2.18 kg/mm Data by me: Inside diameter: 89mm Center diameter: 100mm Coil Turns: 7,25 Spring wire diameter: 10,8mm Free length (used): 290 / 284mm	Spring constant: 2.18 kg/mm Data by me: Inside diameter: 89mm Center diameter: 100mm Coil Turns: 7,25 Spring wire diameter: 10,8mm Free length (used): 280 / 290mm	Right: Single Yellow stain Left: Single red stain	Spring constant: 2.5 kg/mm Data by me: Inside diameter: 88mm Center diameter: 100mm Coil Turns: 9,65 Spring wire diameter: 12mm Free length (used): 340/345 mm	Yellow & White stains Data by me: Yellow & White stains	Microfiches Heiko USDM options / competition Catalogues Zhome pictures & Text UK-market Nissan 'R-Drive' parts manual	"For US Cars: Only work with optional Struts: The Euro Spec. Stage II springs require a different spring perch height on the front struts, than that which is standard on the US Spec Cars. In other words to use the Stage II springs on the US Spec. cars the spring perch height has to be raised 1" to maintain full shock travel; or new optional struts were required. 54302-E8127 240Z OPT Strut /RF 54303-E8127 240Z OPT Strut/ LF"
JDM PS30 (PZ), 2432 JDM HS30 Optional?	54010-E4202	54010-E4203	55020-E4201	Spring constant: 1.80kg/mm Inside diameter: 100mm Free length: 319mm Loaded length: 178mm Typical Loading: 254kg	Spring constant: 1.80kg/mm Inside diameter: 100mm Free length: 331mm Loaded length: 178mm Typical Loading: 274kg	Left: 2x white, 1x red stains Left: 2x white, 1x yellow stains	249mm??? length: 221mm???		JDM Parts catalogue JDM Service Manual	
JDM PS30-SB (PZ-R), 2432-R	54010-E7200	54010-E4202 (same as LH for non-R models)	55020-E7200						JDM Parts catalogue	

*Typical loading means with two drivers weighting 68 kgs each

Racing Springs

Name	Partnumber FL	Partnumber FR	Partnumber Rear	Data Left front	Data Right front	Color code Front	Data rear	Color code rear	Source	Notes
Factory Rallye Springs (USA, JP) JDM S30, HS30, RS30 "Racing kit B"	54010-E7220	54010-E7220 (Same as FL)	55020-E7220	Free length: 266mm	Free length: 266mm		Free length: 306mm		USDM Datsun Competition catalogue & Sports option catalogue, 1971 JDM HS30 Sports option catalogue 1979 JDM Sports option catalogue	"The rallye suspension kit increases ground clearance by 1-1,5". This is the factory setup used in the east african, Monte carlo and press on regardless rallies. The components in this system must be used as a set." *Suspension parts B - Rallye"
Factory Competition Springs (USA) "racing suspension kit"	54010-E7210	54010-E7210 (Same as FL)	55020-E7210						Old Datsun competition bulletin	"The complete factory racing suspension kit lowers the car approx. 1-3/4" and provides excellent handling, while maintaining fair street ride. Recommended for all those racing a2-Car in SCCA Events."
Springs for USDM Adjustable Factory Racing Coilovers (USA) JDM S30, HS30, RS30 "Racing kit A" Same as above! (but not adjustable!?)	54010-E4621	54010-E4621 (Same as FL)	55020-E4621	Free length: 171,5mm	Free length: 171,5mm		Free length: 205(,5)mm		USDM Datsun Competition catalogue & Sports option catalogue 1979 JDM Sports option catalogue	"Please use this parts for FIA Group 3 (Zseater) racing. Please check the rules, some rules make you update with these parts. Please do not use on street. Suspension parts A - Closed circuit"
JDM HS30 Sports option USDM 240Z Sports option "factory racing suspension kit"	54010-E7211	54010-E7211 (Same as FL)	55020-E7211	198mm	198mm		236mm		1971 JDM HS30 Sports option catalogue USDM Sports option catalogue	