

Coil Spring Specs

Part Number	Front/Rear	Application	Free length (inches)	Number of coils	Wire diam. (mm)	Deflection per 1000 N load	Blue / Red paint stripe	New/Used
124-321-35-04	Front	500E	15	10.75	15.9	N/A	Red (short)	New
124-321-42-04	Front	400E Sportline	15.125	10.6	15.7	N/A	Red (short)	New
124-321-30-04	Front	300E Sportline (tallest of 4 avail.)	15.25	10.7	15.6	N/A	Red (short)	New
124-321-29-04	Front	300E Sportline (second tallest of 4)	N/A	N/A	N/A	N/A	N/A	N/A
124-321-28-04	Front	300E Sportline (second shortest of 4)	N/A	N/A	N/A	N/A	N/A	N/A
124-321-27-04	Front	300E Sportline (shortest of 4 avail.)	N/A	N/A	N/A	N/A	N/A	N/A
124-321-26-04	Front	4Matic (allows axle pass-through)	N/A	N/A	15.85	18.8	N/A	N/A
124-321-25-04	Front	4Matic (allows axle pass-through)	N/A	N/A	16.25	17.2	N/A	N/A
124-321-24-04	Front	4Matic (allows axle pass-through)	N/A	N/A	16.6	15.7	N/A	N/A
124-321-23-04	Front	USA 1987 300D, stock	N/A	N/A	15.7	18.2	N/A	N/A
124-321-22-04	Front	USA 124.128, 124.131, stock	17	11.9	15.3	19.6	Blue (long)	Used
124-321-22-04	Front	USA 124.128, 124.131, stock	17.125	11.8	15.3	19.6	Red (short)	Used
124-321-21-04	Front	USA 1986 300E, stock	N/A	12	14.7	21.2	N/A	Used
124-321-20-04	Front	Lightweight 124's (6-cyl, stripped)	N/A	N/A	14.3	22.8	N/A	N/A
124-321-19-04	Front	Featherweight 124's (4-cyl, stripped)	N/A	N/A	14.0	24.8	N/A	N/A
EW-2518001-VA	Front	Carat by Duchatalet (124.030)	15	10	15.1	N/A	N/A	Used
124-324-36-04	Rear	400E Sportline (tall)	N/A	N/A	N/A	N/A	N/A	N/A
124-324-28-04	Rear	400E Sportline (short)	12.5	10	14.35	N/A	Blue (long)	New
124-324-28-04	Rear	300E Sportline (tall)	12.5	10	14.35	N/A	Blue (long)	New
124-324-23-04	Rear	300E Sportline (short)	12.25	9.7	14.35	N/A	Blue (long)	New
124-324-11-04	Rear	1986 300E & 1987 300D, stock	13.5	11	13.75	17.2	Blue (long)	Used
124-324-12-04	Rear	H.D. suspension	N/A	N/A	14.0	15.6	N/A	N/A
124-324-13-04	Rear	various	N/A	N/A	12.7	21.9	N/A	N/A
124-324-14-04	Rear	various	N/A	N/A	13.2	18.5	N/A	N/A
124-324-16-04	Rear	various	N/A	N/A	13.8	17.2	N/A	N/A
124-324-17-04	Rear	various	N/A	N/A	14.0	15.6	N/A	N/A
124-324-18-04	Rear	various	N/A	N/A	14.6	17.2	N/A	N/A
124-324-20-04	Rear	various	N/A	N/A	12.85	21.9	N/A	N/A
124-324-21-04	Rear	various	N/A	N/A	14.2	15.6	N/A	N/A
124-324-22-04	Rear	various	N/A	N/A	12.6	21.9	N/A	N/A
EW-2504002-VA	Rear	Carat by Duchatalet (124.030)	12.125	10.75	13.65	N/A	N/A	Used
NOTES:								
All rear spring "applications" are for standard suspension without SLS (self-leveling suspension)								

1986 300E			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
15.5	15.0	15.25	Used	Stock springs, stock pads (#21 front, 4pt pad; #11 rear, 3pt pad)
1987 300D (Stock)			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
?	?	?	Used	Stock springs, stock pads (#23 front, 2pt pad; #xx rear, Xpt rear) - Harris
?	?	?	Used	Stock springs, stock pads (Xpt front, Xpt rear) - Dad
15	15	15.5	Used	Stock springs, stock pads (?pt front, ?pt rear) - Blue
15.25	15	15.5	?	Stock springs, stock pads (1pt front-red/short, 2pt rear-blue/long) - White
1987 300D (White)			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
15.25	14.875	15.5	25kmi	Stock springs, stock pads (1pt front-red/short, 2pt rear-blue/long)
13.25	13.25	13.5	31kmi	Neuspeed springs, front cut 1/2 coil with 2pt pad, rears uncut with 3pt pad (was 13.5 F+R when new)
14.5	14	14.5	40kmi	500E #35 red/short front with 1pt pad, #28 red/short rear with 1pt pad - NEW springs
14	14	14.5	40kmi	500E #35 red/short front <u>cut 1/2 coil</u> , with 2pt pad, #28 red/short rear with 1pt pad - NEW springs
1987 300D (Blue)			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
15	15	15.5	Used	Stock springs, stock pads (?pt front, ?pt rear)
14.25	14.25	14.5	NEW	Carat springs with 4pt front and 3pt rear - when NEW
13.25	13.875	14.25	47kmi	Carat springs with 4pt front and 3pt rear - after 6 years & 47k miles
14.25	14.5	14.875	47kmi	Sportline: #30 red/short front with 3pt pad, #28 blue/long rear with 1pt pad - when NEW (old Carat dampers)
14	14.5	14.75	51kmi	Sportline: #30 red/short front with 3pt pad, #28 blue/long rear with 1pt pad - after 4,000 miles (old Carat dampers)
14.5	14.5	14.75	NEW	Sportline: #30 red/short front with 3pt pad, #28 blue/long rear with 1pt pad - when NEW (w/ new dampers)
14.375	14.125	14.375	2kmi	Sportline: #30 red/short front with 3pt pad, #28 blue/long rear with 1pt pad - after 2,000 miles (& alignment)
14.25	14.25	14.5	2kmi	Sportline: #42 red/short front with 1pt pad, #28 blue/long rear with 2pt pad - when NEW (2kmi on dampers)
			4kmi	Sportline: #42 red/short front with 1pt pad, #28 blue/long rear with 2pt pad - after 2,000 miles (4kmi on dampers)
1993 300D			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
15	14.75	15.25	Used	Stock springs, stock pads (#22 blue front, 2pt pad; #11 rear, 2pt pad). Struts still had decent gas pressure.
1995 E320			Shocks/ Struts	Setup
Front	Rear full	Rear empty		
14.25	14.5	15	Used	Stock springs, stock pads (#22 front, 2pt pad; #11 blue/long rear, 2pt pad) - Harris

	Part number	Height	I.D.	Color	New/Used	Firmness	Applications
	124-323-06-44	70mm	16.5mm	Tan	New	Hard	500E
	124-323-07-44	80mm ?	?	Reddish	Shot	Soft (?)	Stock 124.128, most late W124's
	129-323-05-44						
	129-323-06-44	74mm	18.5mm	Red	Used	Medium	? (Installed on '93 2.5T now)
	129-323-07-44						Current 124.133, also Sportline. Replaced by 124-07 for some applications (i.e., 124.128)
	201-323-20-44						Original buffer for stock struts used on early 124's