

General information about springs

Manufactured springs are subject to tolerances. To provide uniform installation conditions on vehicle, the tolerances showing up during production of the springs are compensated with regard to spring length or installation height. To identify the various spring lengths, the springs are marked with paint at the final, lower end of coil. (Color marks in center of spring are inspection marks of manufacturer, they are of no significance with regard to length of spring). The part number and the DB company symbol are punched into each spring at end of final coil.

a) Front springs

On front springs the different spring lengths (installation heights) are identified by the following colors:

Model 107 114 115 red = short spring blue = long spring

The various installation heights of the springs and the different axle loads resulting for the individual vehicle models and versions are compensated by the installation of rubber mounts of varying height (refer to tables „Adjustment of front springs”).

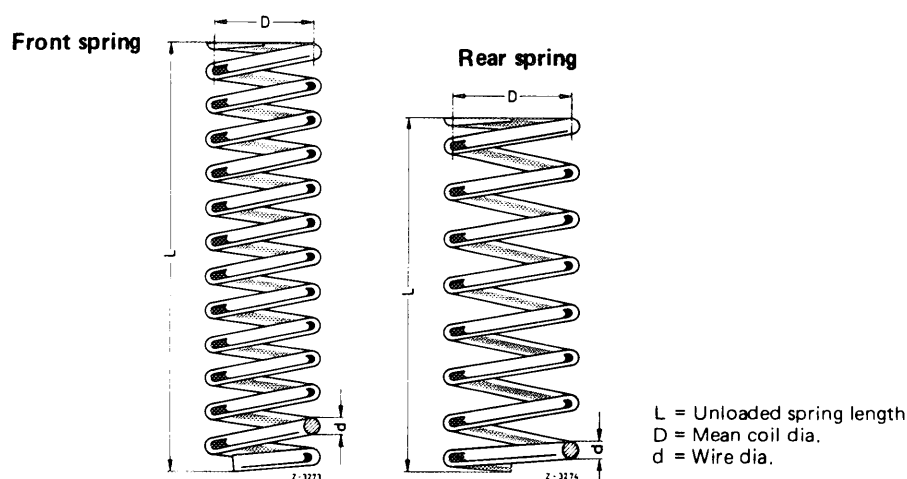
b) Rear springs

Model 107 114 115

The color code on rear springs is the same as on front springs, therefore

red = short spring blue = long spring

The various installation heights and rear axle loads are compensated by rubber mounts of varying height for the rear springs (refer to table „Adjustment of rear springs”).



Part no.	Spring travel per 1000 N load	Wire dia. „d”	Unloaded spring length „L”
Front springs			
114 321 05 04	21.2	15.3	445.5
114 321 06 04	16.4	16.1	424.5
114 321 07 04	16.4	16.3	437.5
114 321 09 04	21.2	15.4	459.5
115 321 29 04	21.2	15.3	431.5
115 321 30 04	16.4	16.1	411.5
115 321 32 04	18.55	15.9	453.8

Rear springs

107 324 03 04	19.5	15.9	369
114 324 02 04	23.3	15.1	355
114 324 05 04	19.5	16	365
115 324 21 04	19.5	15.9	361
115 324 22 04	15.9	16.9	350
115 324 27 04	19.5	15.9	353
115 324 29 04	12.35	17.8	344
115 324 34 04	18.8	15.2	369
115 324 36 04	15.5	16	357
115 324 37 04	22.2	14.25	366
115 324 38 04	18.7	15.1	361