

Springs

Job No.
32-0

A. General

Tolerances are unavoidable in the manufacture of springs. However, in order to obtain properly balanced springing, the manufacturer can allow for the tolerances by varying the spring length (trim dimension). To indicate the various lengths, springs are supplied with a color code marking on the bottom coil. Color marks in the middle of the spring are check marks and do not refer to their length.

The part numbers of the springs are stamped on the bottom coil.

B. Front Springs

The different lengths of the front springs (trim dimensions) are indicated by the following colors:

white = short springs
red = medium springs
blue = long springs

Since differences in the trim dimensions of the two springs on the front axle are not compensated, only springs with the same color coding should be installed on both sides.

C. Rear Springs

In contrast to the color coding system used on the front springs the color coding of the rear springs is further subdivided by lines which provides the following system:

white 1 line	red 1 line	blue 1 line
white 2 lines	red 2 lines	blue 2 lines
white 3 lines		blue 3 lines

In this coding system white 1 line represents the shortest spring and blue 3 lines represents the longest spring. The maximum difference between the shortest and the longest springs is 16 mm, the difference between the individual grades is 2 mm. The left and right rear springs differ in the case of cars with single-jointed rear axle. Left and right springs are identified by the Part No. which is stamped on the bottom coil as follows:

L = left spring
R = right spring