

# SERVICE BULLETIN

CHRYSLER CORPORATION

PLYMOUTH DIVISION

DETROIT



Feb. 28, 1934

No. 17

FRONT COIL  
SPRINGS

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PLYMOUTH

PE - PF

TO ALL CHRYSLER MOTORS DISTRIBUTORS, DIRECT DEALERS, DEALERS AND ASSOCIATE DEALERS:

The front coil spring used with individual wheel springing is calibrated to a definite free length of not less than 12-1/8". After the spring has been in service there may be some decrease in the free length - although the total pressure exerted when the spring is compressed may be within the limits we specify.

If there is any tendency of the spring to sag, there will be a definite change in caster and camber angles, so that it becomes necessary to hold the loaded height of the spring within certain limits.

The distance from the upper side of the lower control arm to the under side of the frame should be from 3-1/4" to 3-1/2". This may be easily measured with a scale held against - but not on - the jack pad.

If the distance is less than 3-1/4" the springs may bottom on extremely rough roads or some instability in the steering mechanism may develop.

The right and the left front coil springs have the same part number and may be obtained through the Chrysler Parts Corporation under part number 624809.

There is more weight on the left side of the car than on the right, because of the generator, steering gear, starter, battery and driver, and to compensate for this additional weight, a special washer 1/8" thick is placed between the lower bumper stop assembly and the spring cup attached to the lower control arm.

If there is one spacing washer on the left side, then none will be used on the right side. If, however, there are two on the left, there should be one on the right.

An additional washer may be used successfully to correct spring height where the dimensions between the lower control arm and the frame is slightly less than 3-1/4".

There should be no one in the car when these checks are being made.

Enter this bulletin subject and number in PLYMOUTH MAINTENANCE MANUAL.

GROUP 2- INDIVIDUAL FRONT WHEEL SPRINGING

Director of Service

6216

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