



Packard

SERVICE

TECHNICAL

Bulletin

50T-1

January 16, 1950

To: ZONES

Subject: FRONT END HEIGHT AND SPRING MARKINGS

Occasionally the front end of a new car may be slightly lower on one side than on the opposite side.

The weight of the battery, steering mechanism, etc., is compensated for by using a spring of higher load capacity on the left side. Each spring is identified as to load by one, two, or no grind marks on the outer edge and near the end of the top, flat coil. A high limit spring carries two grind marks; a low limit spring, one mark; and a normal or intermediate limit spring, no grind marks.

Before a spring is condemned and replaced to correct unequal height, the affected side should be checked for excessive friction at the knuckle support upper pivot pin. Neutralizing the front stabilizer also may be a correction.

The friction lag on a new vehicle is much higher than on one which has been driven a few thousand miles and sometimes this condition will correct itself as the car mileage increases and the new car stiffness wears off.

Also, before installing new springs, interchanging the springs from left to right may equalize the height.

Any one of the following selections is considered standard in production.

Front Spring Selections for Cars not equipped with Electromatic Clutch and Overdrive.

Preference No. 1.

Left side two grind marks (high limit)
Right side no grind marks (normal)

or

Left side no grind marks (normal)
Right side one grind mark (low limit)

Preference No. 2

Left side two grind marks (high limit)
Right side one grind mark (low limit)

Preference No. 3

Select both left and right front springs with the same grind marks.

Front Spring Selections for Cars Equipped with Electromatic Clutch and Overdrive.

Preference No. 1

Left side two grind marks (high limit)
Right side one grind mark (low limit)

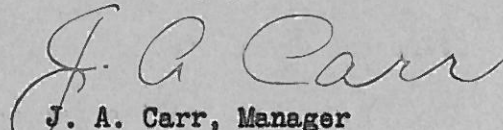
Preference No. 2

Left side two grind marks (high limit)
Right side no grind marks (normal)

OR

Left side no grind marks (normal)
Right side one grind mark (low limit)

Very truly yours,


J. A. Carr, Manager
Parts and Service Department