

## Suspension

### Model 107

#### Springs

The springs on model 107 have a new spring rate tuned to the vehicle. In addition, the spring-rubber mount combination is determined according to a point system. Refer to tables for testing and adjusting values.

#### Shock absorbers – front axle

The shock absorbers, color code: one green stripe, are shorter and harder compared with the former version. An additional polyurethane (PU) bottoming spring, similar to that of model 126, has a length of 95 mm.

Do not install the previous shock absorbers (color code: four green stripes) on the new front axle.

#### Torsion stabilizer bar – front axle

The new torsion bar has a diameter of 26 mm (formerly 25 mm). Accordingly, the bore of the torsion bar mounts has been enlarged from 23.5 mm to 24.5 mm.

The frame floor mounting and the connection to lower control arm have not been changed.

## Testing and adjusting values

### Model 107

#### Cross-reference, springs – shock absorbers

Model	Front spring Part No.	Front shock absorber Part No.	Rear spring Part No.	Rear shock absorber Part No.
107.048	114 321 07 04	107 323 06 00	116 324 10 04	126 323 06 00 126 323 09 00

#### Spring adjustment

A point system, based on various optional equipment, is used to determine several weight groups. Additional points for each option must be added to the base points for the standard vehicle. The total points are then used to determine the proper front or rear spring/rubber mount combination. For some vehicles no additional points are added due to the small number of options not already included in the base vehicle.

#### Front springs – number of points

Model	Base points (standard vehicle)*
107.048	40

\* The base points include: Automatic Transmission, ABS, Supplemental Restraint System, Automatic Climate Control, Power windows etc.

#### Cross reference, front springs – rubber mounts

Total points	Front spring Part No.	Height of rubber mounts (mm), depending on total points and spring color code	
		blue	red
38-43	114 321 07 04	8	13

#### Rear springs – number of points

Model	Base points (standard vehicle)
107.048	27

#### Cross reference, rear springs – rubber mounts

Model	Total points	Rear spring Part No.	Height of rubber mounts (mm), depending on total points and spring color code	
			blue	red
107.048	23-28	116 324 10 04	14	19