SUSPENSION SPRINGS WITH INCONSTANT WIRE DIAMETER

TECHNICAL INFO NO. 1121

VEHICLE MANUFACTURER / MODELS:

Mercedes Benz	Vito, Viano
Opel	Astra G, Astra F, Kadett E
BMW	3er (E46)
VW	Passat 35i, Transporter
Renault	Clio II

APPLIES TO PART NO.:

MANUFACTURER / MODELS:	RUVILLE-No.	OE-No.
Mercedes Benz	**894101**	639 324 05 04
Opel Astra G	**894302**	90576166
BMW E46	**895037**	33 53 1 095 709
Opel Astra F	**894310**	424319
VW T4 Transporter	**895464**	701 511 105 K
VW T4 Transporter	**895472**	701 511 105 M
VW T4 Transporter	**895475**	701 511 105 A
VW Passat 351	**895480**	333 511 105
Renault Clio II	**895534**	77 00 839 337

IMPORTANT NOTE!
When replacing the springs, also check the joints / bushings of the wheel suspension system and the steering. Springs always need to be replaced in pairs.

Observe all information provided by the manufacturer! Please refer to the known standard media, e.g. TECDOC, Online Catalogue etc. for the precise vehicle allocation.

RUVILLE now supplies mini-block springs with inconstant wire. These springs, which are only used on the rear axle, have a compact form similar to a barrel which is why they are called „barrel springs“.

From a technical point of view, axle springs with inconstant wire have a progressive spring rate. This means that the wire diameter increases. The mini-block spring stands out because the coils can lie within each other during compression without touching. This reduces the number of active coils. Thanks to the smaller wire diameter at the ends of the spring, the axle spring offers a high level of driving comfort when the vehicle has a light load. At the same time, the increasing wire diameter guarantees assured handling even when the vehicle is heavily loaded.

Picture 1: Suspension springs with inconstant wire

Picture 2: Fahrwerksfeder mit inkonstantem Draht

INFORMATION
Corresponding spare parts can be found in our online catalogue at www.ruville.de. Where reference is made to the spare parts numbers of the vehicle manufacturers, this is only for the purposes of comparison.

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1130/0.1/02.2014/PDF-GB

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