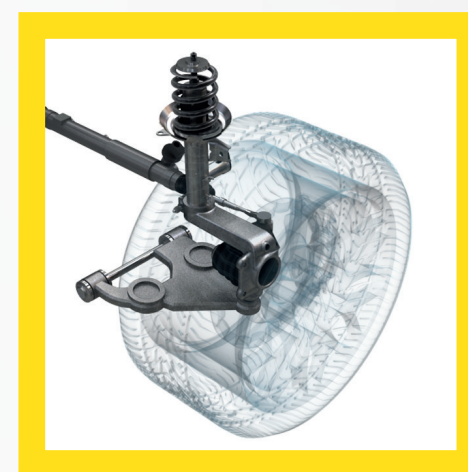


## REASONS TO USE THE RIGHT STEERING AND SUSPENSION TOOLING



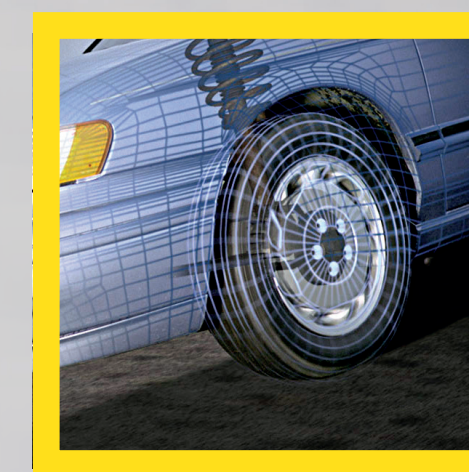
**1** The mounting of shock absorbers, easy in the past, has undergone a major evolution. Using the correct tooling enables the experts to do the job in an easier and more effective way.



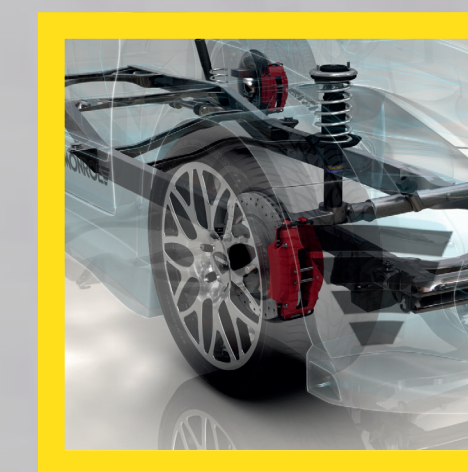
**2** Significant time savings in the assembly process (up to 70% in some cars)



**3** Avoid breakage caused by an improper mounting process, which generally leads to rejected warranty claims resulting in time and money losses.



**4** Avoid cabin noise caused by a faulty fitting process, reducing end user warranty claims.



**5** A correct fitting process extends the life of the elements mounted on the vehicle and increases the performance of the whole steering and suspension system.



**6** Increased safety, performance and comfort of the vehicle, increasing customer satisfaction.

## ADVANCED RANGE FOR STEERING AND SUSPENSION EXPERTS

### ADVANCED RANGE

Apart from the normal set of garage equipment (jack, axle stands, socket set, flat spanners, clamps, pliers, screwdrivers, torque wrench, pneumatic gun with a set of socket wrenches, etc..) Monroe® recommends the following tool kits which have been specifically designed for use in processes that involve replacement of steering and suspension components. This toolset includes all the tools from the basic range plus other key tools. This advanced toolset is intended for all installers who are regularly replacing regularly shock absorbers and who want to do an even more efficient job.



## TOOL DETAILS

**7.** K70 is a set of universal spanners to tighten and remove the top central nut of MacPherson struts without damaging the piston rod. Can be used with torque wrench.

**8.** K101, safety tested spring compressor for removing MacPherson struts. Compatible with an air impact wrench (max. load capacity: 25000N). Spring clamps K101-FH2 and K101-FH3 included.

K101-FH1: 70-120 mm.  
K101-FH2: 100-155 mm; included in the K101.  
K101-FH3: 145-185 mm; included in the K101.  
K101-FH4: 170-235 mm.  
K101-FH5: Citroën C15, Peugeot.  
K101-W168: Mercedes A-klasse (W168)

**9.** K110, Strut clamping device: holds strut firmly without damaging it. To be used with optional K110 HW (bracket to mount K110 on workbench) and K110 HP (bracket to hold K110 in a vice)

**10.** K120 and K121: the support cables K120 and K121 are needed to compress the spring at the strut before taking it out and replacing it with a new unit.

**Applications:**  
K120: Peugeot 205, 305, 309 and 405.  
K121: Peugeot 306

**11.** Monroe® portable suspension tester. Some of the main advantages of this small but powerful tool are:

- It is a fast, reliable and cheap way to test the suspension of any light vehicle.
- It can be used plugged into electric network as well as with batteries.
- It is very easy to transport (transportation case included in the package).
- It is very simple to use, being designed to be extremely user friendly.
- Includes results printout option.

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**12.** K40 tool kit for easy, quick and reliable replacement of MacPherson strut cartridges. K40 tool set is composed of the following tools:

- 10 locking rings K18
- 1 socket wrench K19
- 2 x top nut sockets K20
- 1 x spring compressor K21
- 1 x locking ring K23

**13.** K81, special tooling for VW and Audi: this adjustment tool is derived from the K80 and is needed to adjust the struts of the front and rear axle of Audi and VW applications into the right position. Correct position cannot be estimated by sight.

**14.** K39, safety tested spring compressor for replacing the front and rear shock absorbers of a Ford Mondeo, with time saving of up to 2.5h on the front, and 1.5h on the rear.

**15.** K22-1, safety tested spring compressor for the following Mercedes Benz applications: W123 front, W124/129/201/202/210 front and rear. K22-1 optionally available for W123 front, W126/140 front and rear.

**16.** Monroe® Expert Suspension Tester, make the job of diagnosing and selling the suspension parts easier. Some of the main advantages of this professional tool are:

- It is the only tester that focuses directly on shock absorber performance, thanks to the use of the exclusive CAP methodology.
- Low-profile adjustable measurement bench.
- Fast, accurate and easy to use.
- Results not influenced by tyre pressure or vehicle load.
- Shocks tested in three minutes with easy to understand printout of results.
- Analyses shock absorber response to resonance frequency (most critical frequency in terms of roadholding).
- 100% mobile version also available

### BASIC RANGE

Apart from the normal set of garage equipment (jack, axle stands, socket set, flat spanners, clamps, pliers, screwdrivers, torque wrench, pneumatic gun with a set of socket wrenches, etc..) Monroe® recommends the following tool kits which have been specifically designed for use in processes that involve replacement of steering and suspension components.

