

## McPherson Strut Lifter - 08480000

### Instruction Guide

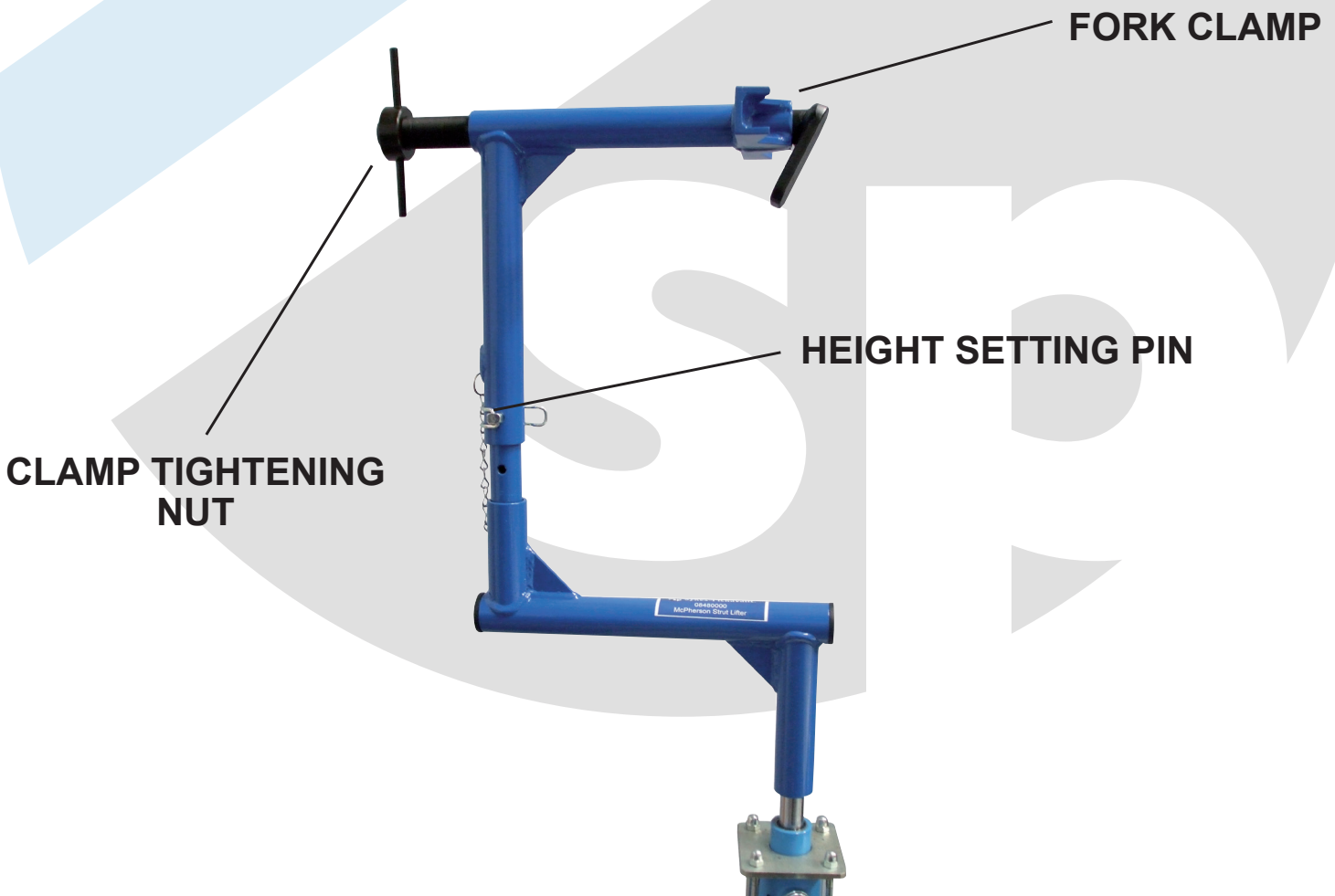
Designed for Peugeot 206, Citroen C3 and new Mini front suspensions, the purpose of this tool is to make suspension work quicker and easier when cars are raised on 2 post ramps or wheel-free lifts.

Vehicle suspension disassembly and reassembly requires technical skill and should only be undertaken by a trained mechanic aware of the safety warnings given by manufacturer's instructions.

Please ensure that safe working practices are adhered to at all times.

1. Park the vehicle in position on a suitable ramp.
2. Remove the wheel.
3. Remove any component that could obstruct removal of the strut ( e.g. lugs, stabilizer bar and brake pipes).
4. Insert a clamp separator tool.
5. Bring the 08480000 tool to the transmission jack and strut.
6. Slide the fork over the strut, if necessary under a strong point e.g. stabilizer bar.
7. Insert the height setting pin and tighten fork clamp.
8. Operate your clamp separator tool to release the strut from the lower fittings.
9. Lift strut with transmission jack and move the hub to the side to clear the strut.
10. Refit in reverse.

At all times ensure the security of vehicle on the ramp; DO NOT apply excessive lifting force through the strut lifter as this may then have a detrimental effect upon the vehicle stability and safety.



# IMPORTANT

## PLEASE READ BEFORE USE

### 08480000

## User Overload Warning

The Sykes-Pickavant 08480000 Strut-Lifter is designed to part compress the coil spring of a McPherson strut in situ on a vehicle that is wheels free on either a one or two posted ramp; or a scissor lift.

The tool is to be used by mounting onto a suitable transmission jack and applying a lifting force of around 100 kilos. The suspension is sufficiently raised clear to ease removal of the McPherson strut from the lower components of the vehicles suspension.

The Sykes-Pickavant 08480000 Strut Lifter is **NOT** designed to support the weight of the entire front half of a vehicle but to part compress the strut in order to facilitate easier suspension work.

To ease the release of the McPherson struts from a hub, Sykes-Pickavant recommend using the 08485000 - Hub Clamp Spreading Tool and a good quality fluid. Using these in combination with a twisting action on the 08480000 strut lifter will make removal of McPherson strut an easier task.

If a load greater than the design rating is applied to the Sykes-Pickavant Strut Lifter, then accidents are liable to occur – This sort of overload will also result in deformation of the tool; which is designed to “give” and indicate critical conditions to a technician when the possibility of pushing a vehicle off a ramp is imminent.

Sykes-Pickavant have engineered and tested the 08480000 Strut Lifter design to exceed the rating required for its intended use; but also to yield and indicate dangerous overload to help prevent serious accidents. Therefore, Sykes-Pickavant will not accept any returned 08480000 Strut Lifters back under warranty that show deformation of the main frame sections – as this indicates mis-use of the tool.