

## Need a lifter?

Familiar with the irritations of McPherson strut removal? Sykes-Pickavant may have found a terrific new solution to help eliminate some of the more time-consuming elements.

**S**ykes-Pickavant prides itself on listening to the independent mechanic and creating solutions to make their life easier when it comes to tackling tricky and time-consuming jobs. There is no better example of the company's eagerness to support end-users than the recently launched McPherson strut lifter. As many hardened technicians will testify, this is a notoriously laborious procedure, so it makes sense to introduce something that can make a difference to the ease of this job.

The purpose of this tool is to make suspension work quicker and easier for cars raised on two-post ramps or a lift where the wheels hang freely. Many tasks on compact/medium car front suspension (e.g. wheel bearing, drive shaft, hub, suspension arm...) require the disassembly of components. This can be very difficult to do without firstly raising the McPherson strut.

### Ball joint and drive shaft removal avoided

The tool works to quickly and safely lift or raise bridge-type McPherson struts (where the hub can be separated from the strut) without the removal of the ball joint and drive shaft. The tool mounts onto the top of a standard 30mm sized hydraulic transmission jack (sleeve available for fitting 24mm transmission jack sizes) and the top of the frame adjusts to fix securely onto the strut to be lifted.

### Improved access

The tool works by exerting an upward force controlled by the hydraulic transmission jack through the strut, thereby constricting the



#### How to operate the McPherson strut tool

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 McPherson strut 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 the 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.

spring. As the strut is forced upwards, the hub and the rest of the suspension can be separated for improved access. The separation of the suspension occurs at the joint of the hub and the strut.

### Adjustments in size

The tool is left and right handed allowing easy mounting and adjustments in size to fit different sized vehicle requirements.

This product will make a nice addition to the workshop and could mean you have a far better chance of completing this job in a quicker time.

#### MORE INFORMATION

**To request a brochure or leaflet from Sykes-Pickavant offering more details about the McPherson strut lifter circle 118**