

This tool is particularly useful when working with struts that are equipped with strong internal springs (tension stop springs) that pull the strut shaft partly into the strut.

The tension stop spring fitted in some shock absorbers (strut) ensures that the strut cannot be damaged when "topping out" in use.

The spring is located directly inside the shock absorber and is not active when the vehicle is sitting still with load on the wheels. It only comes into effect as the strut reaches full extension during the rebound stroke.

If replacing the strut we recommend the use of the Laser Part No. 5790 Shock Absorber Installation Kit

This is an ideal tool where only the road spring is being replaced.

Developed to lock a Macpherson strut quickly and easily in its fully extended position before the road spring is removed and hold it in that extended position until the road spring is replaced.

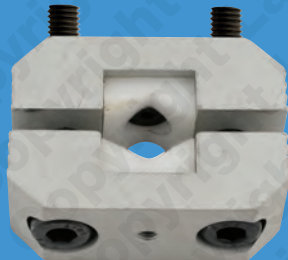
Clamp for Strut Insert Pistons

6270

LASER®

Clamp for Strut Insert Pistons

Instructions



The use of a tension stop spring has no effect on the normal operation of the strut, however, there is a significant disadvantage during the dismantling and assembly of the strut as the load piston rod will retract into the strut as the load of the spring is removed. This makes fitting a new spring difficult as the strut will not stay at full extension.

The kit includes 2 x strut clamps (A) complete with 60mm bolts and nuts (B).



Guarantee

This item contains consumable elements that are NOT covered by the Tool Connection Guarantee. For spares contact our service department direct on: +44 (0) 1926 818186.



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Instructions for Use

Strut shown, without spring, fully extended.



When changing the road spring only:

Fit the clamp at the base of the strut shaft through the road spring. If possible ensure the clamp is underneath any bump stop rubbers and strut protection boots. Once fitted tighten and proceed to remove the road spring. The clamp will hold the strut fully extended.

When changing Strut:

Ensure strut is fully extended before fitting locking clamp 5791. To do this it will be necessary to pull the strut shaft up out of the strut as far as it will go against the internal tension stop spring.

The Laser Part No. 5790 is designed for this operation.