

# APS - Additional Progressive Spring set

The APS - Additional Progressive Spring set is designed for the use in the Awesomatix A800R touring car.

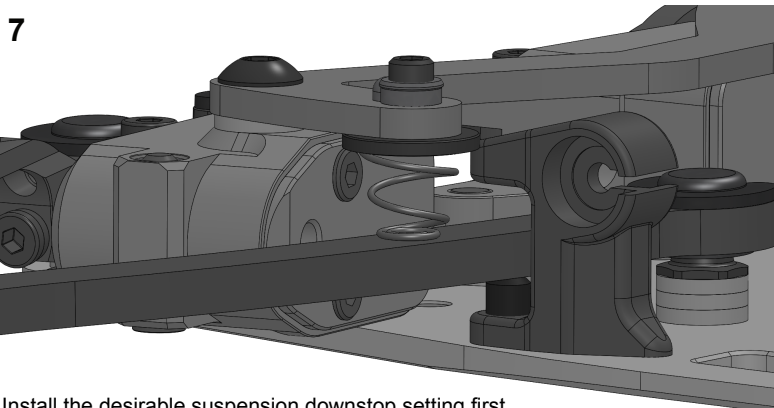
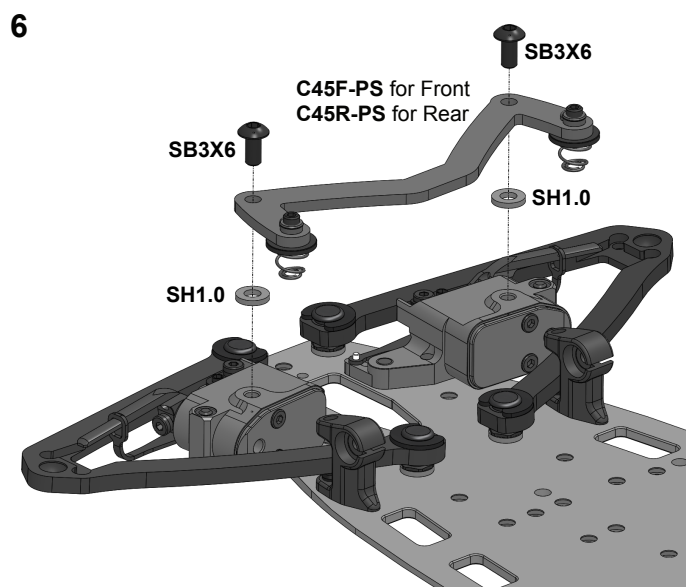
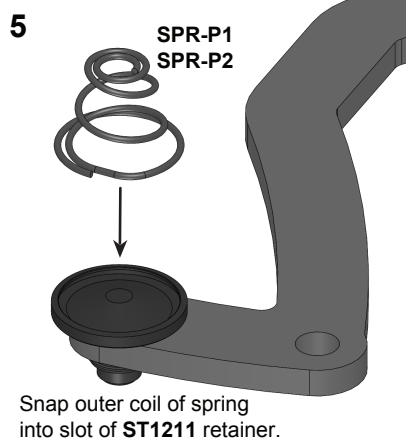
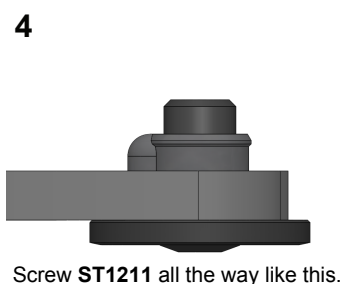
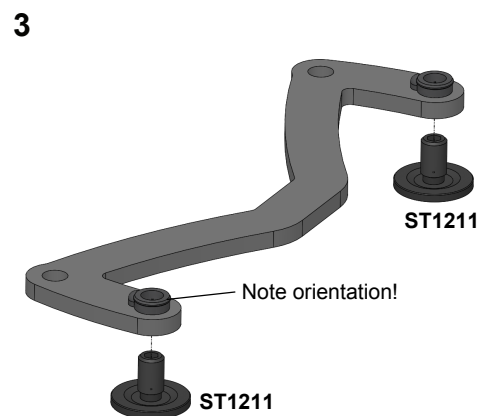
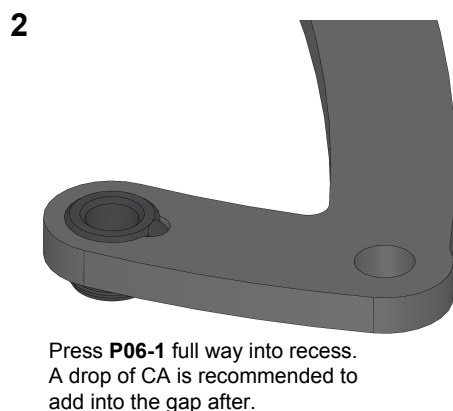
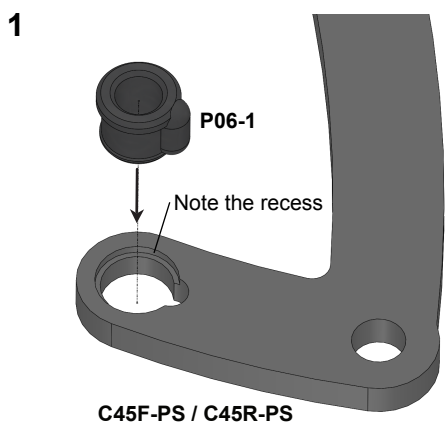
Progressive conical tapered springs of the APS press on the lower suspension arms and add a progression into the suspension spring rate.

Two types of springs are available now for APS set:

SPR-P1 spring, adding ~13 gf/mm average suspension rate on the wheel and a slight progression

SPR-P2 spring, adding ~20 gf/mm average suspension rate on the wheel and increased progression

If you want to add only a progression into suspension rate without increasing of the total average suspension rate you should soften the main leaf springs on 13 gf/mm at SPR-P1 and on 20gf/mm at SPR P2 using.



Initial recommendations:

Try **SPR-P2** springs on front of the car first.  
Next add **SPR-P1** springs on rear of the car.  
Thickness of the shims under **C45F-PS** and **C45R-PS** can be increased to 1,5 ...1,75 mm in case of the extra high roll center and downstop settings.

Install the desirable suspension downstop setting first.  
Next adjust vertical position of the tapered spring via screwing of **ST1211** retainer.  
Tip of the spring should just touch the lower arm when the lower arm is in the lowest position.