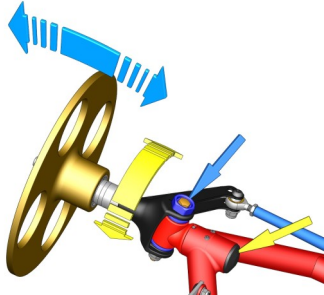


How to

# register the caster/camber angle



Tools needed

- 22mm box wrench
- 3mm allen wrench
- Thickness gauge
- 13mm box wrench
- 17mm wrench
- 25mm wrench
- Torque wrench
- Alignment disc

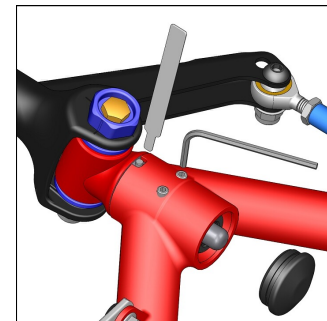
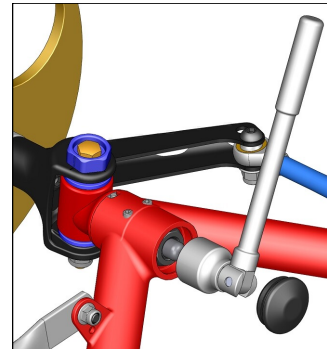
## Caster angle

1. Remove the rubber cap.
2. Loosen the M14 nut using a 22mm box wrench.
3. Continue turn the nut counterclock-wise until the caster-regulator break an engagement.
4. Loosen one of two M6 set screws. If you want to increase the caster angle, loosen the front side set screw. If you want to decrease the caster angle, loosen the rear side set screw.
5. Turn clock-wise another set screw. Then the caster-regulator begin to move.
6. Measure distance knock-pin to edge of the caster regulator housing with thickness gauge.

Distance	2.0mm	1.5mm	1.0mm	0.5mm	0mm
Decrease	18°	16.5°	15°	13.5°	12°
Increase	18°	19.5°	21°	22.5°	24°

The angle is variable depending on the F & R axle height and also depending on the tyres that you are using.

7. Turn clock-wise the set screw which is loosen before until the screw has contacted the caster-regulator surface.
8. Tighten the M14 nut to 55N•m
9. Tighten the two set screws to 2.5N•m
10. Install the rubber cap.
11. Check toe angle.



## Camber angle

1. Set the alignment discs.
2. Measure distance of two discs at top and bottom of the disc.
3. Loosen the king-pin with a 13mm box wrench and a 17mm wrench.
4. Turn the eccentric cam with a 25mm wrench.

Turn symbol "I" to outside	Negative camber
Turn symbol "I" to inside	Positive camber

5. Tighten the king-pin to 35N•m
6. Repeat step 2.

