



PART NUMBER

**PFA100-(10\*17)**

DESCRIPTION

**POWERALIGN CAMBER BOLTS**

INSTALLATION GUIDE

**PowerAlign** camber bolts allow up to +/- 1 degree of adjustment. They replace the original upper bolt on struts with 2 bolt fixings, one above the other, between the strut and knuckle.

**Available in 7 sizes-**

- PFA100-10 = M10 x 70mm long, torque settings 31 lb-ft / 42 Nm
- PFA100-12 = M12 x 60mm long, torque settings 62 lb-ft / 84 Nm
- PFA100-12-70 = M12 x 70mm long, torque settings 46 lb-ft / 63 Nm
- PFA100-14 = M14 x 70mm long, torque settings 85 lb-ft / 115 Nm
- PFA100-15 = M15 x 71.5mm long, torque settings 113 lb-ft / 153 Nm
- PFA100-16 = M16 x 75mm long, torque settings 147 lb-ft / 199 Nm
- PFA100-17 = M17 x 75mm long, torque settings 186 lb-ft / 252 Nm

MAXIMUM TORQUE SETTINGS, DO NOT EXCEED.

**Contents (parts per pack):**

- 2 x PowerAlign camber bolts
- 2 x Special Tab Washers
- 2 x Lock Nuts

*Please read the complete fitting instructions and check package components before fitment. These fitting instructions are to be used as a guide and in conjunction with workshop manual.*

*It is recommended that:*

- all work to be carried out by a licensed technician;*
- all safety precautions adhered to;*
- wheel alignment to be checked and adjusted as required after any suspension work.*
- All fasteners must be tensioned to manufacturer's torque settings.*

**Fitting Instructions:**

1. Check wheel alignment and note settings.
2. Gain access to the front strut to knuckle bolts, remove upper bolt and loosen lower bolt. Clean any dirt/rust from hole and both end faces.
3. The tab washer needs to be lined up so the small inner tab lines up with the lobe on the bolt. Fit the bolt with the large tab and lobe face towards the centre of the car this will give maximum camber adjustment. Fit the nut onto the camber bolt and tighten to the recommended torque (see above).
4. Tighten the lower bolt to the manufacturers torque setting.
5. Carry out a short road test to settle the suspension, re-check the wheel alignment.
6. To adjust the camber loosen the camber bolt and the lower standard bolt, adjust as necessary by turning the bolt and tab washer together.

*Tip. The large tab on the washer pointing towards the centre of the car will give and indicates maximum negative camber adjustment, pointing out from the car will give maximum positive camber adjustment.*

7. Tighten the PowerAlign camber bolts to the above recommended torque settings. Tighten the standard lower bolt to the manufacturers torque setting.

