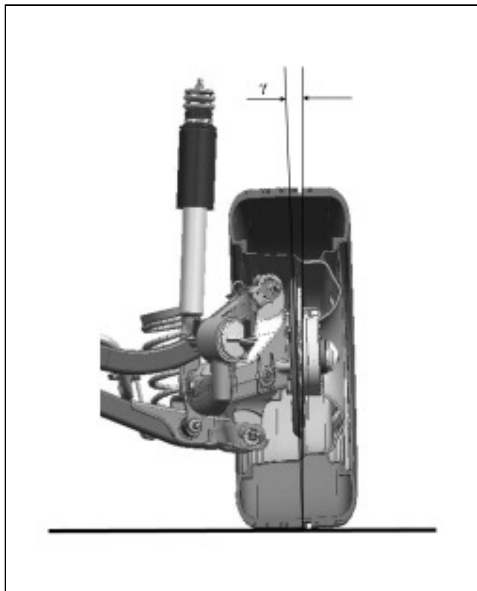




- This check procedure must be carried out after each operation on the mechanical components of the rear suspension since its purpose is to define the position of the wheels in relation to the body (e.g.: track control arms, struts, shock absorbers, springs etc.).

OPERATING CYCLE

Introduction

The wheel geometry/angle checks must be carried out using appropriate optical equipment after checking and adjusting tyre inflation pressure to the prescribed values and ensuring that the car complies with one of the following load conditions:

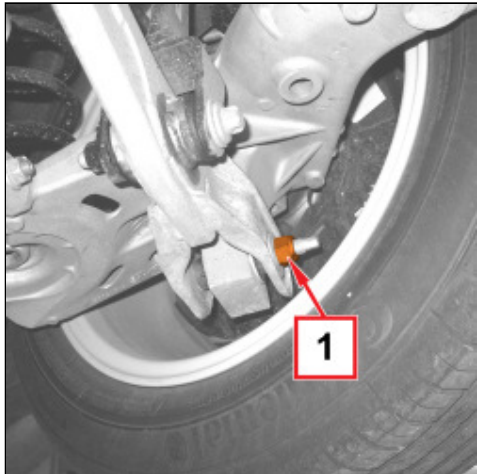
- Standard 0 - vehicle unladen including spare wheel, tools, accessories and consumables with 5 litres of fuel
- Standard A - vehicle unladen including spare wheel, tools, accessories and consumables (full tank of fuel).

WHEEL CAMBER ANGLE A CHECK (CAMBER)

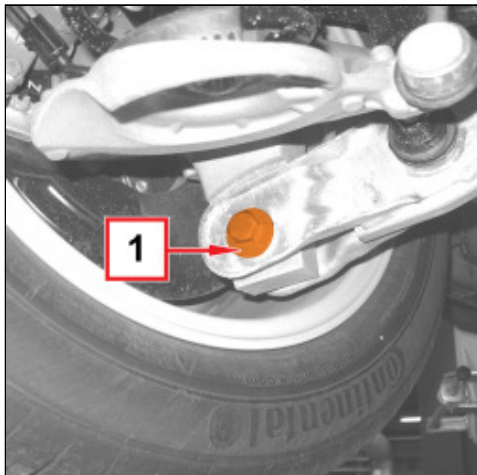
- Check that the rear wheel camber is within required limits.

Size	Value	Validity
Rear wheel camber (degrees)	-1° ± 20' (Standard 0)	
Size	Value	Validity
Rear wheel camber (degrees)	-1°20' ± 20' (Standard A)	

1. To adjust the rear wheel camber, loosen the bolts fixing the rear wishbones to the stub axles.



1. Working on the cams of the screws fixing the rear wishbone to the stub axles, adjust the camber according to the information in the table above.



- Tighten the lower bolts fixing the stub axle to the rear wishbones to the prescribed torque.

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Component	Fastening	Ø	Value (daNm)	Validity
Stub axle to rear wishbone (camber screw)	Nut	M12 x 1.75	10.8 ÷ 13.2	

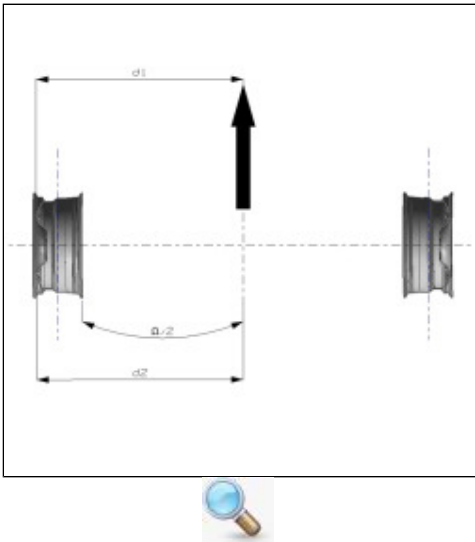
TOE-IN CHECK

- Check that the rear wheel toe in (d1-d2) is within the prescribed limits.

 Check that the tolerance for the total toe in ranges within: ± x' (± x mm)

Omega- (diverges)

Omega+ (converges)



Size	Value	Validity
Rear wheel toe in (Omega /2: degrees)	+12’± 4’ (Standard 0)	
Size	Value	Validity
Rear wheel toe in (Omega /2: degrees)	+13’± 4’ (Standard A)	

16" wheel rims

Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.4 ± 0.5 (Standard 0)	
Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.5 ± 0.5 (Standard A)	

17" wheel rims

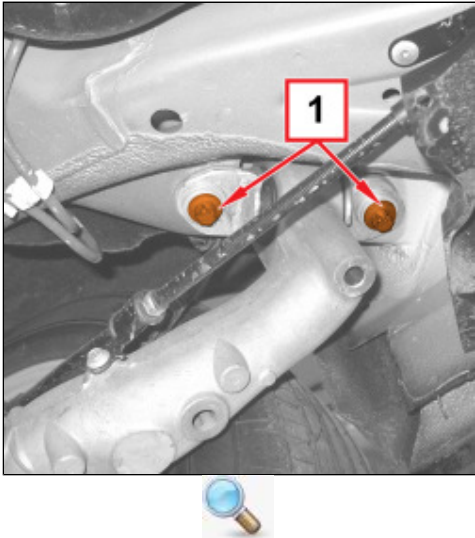
Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.5 ± 0.5 (Standard 0)	
Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.6 ± 0.5 (Standard A)	

18" wheel rims

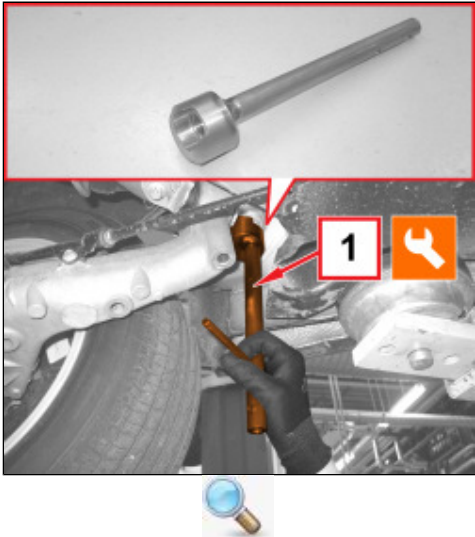
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Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.6 ± 0.5 (Standard 0)	
Size	Value	Validity
Rear wheel toe in (d2-d1: mm)	1.7 ± 0.5 (Standard A)	

1. To adjust the rear wheel toe in, loosen the screws fixing the stub axles to the body.



1. Working with a suitable tool on the stub axle fixing screws, adjust the toe in according to the data shown in the table above.



Tool	Description	Function	Validity
2000031701	Key	Rear wheel toe in	

- Tighten the screws fixing the stub axles to the body to the prescribed torque.

Component	Fastening	Ø	Value (daNm)	Validity
Stub axle to body	Screw	M12 x 1.75	16.2 ÷ 19.8	