

CHECK : FRONT BRAKE DISC WEAR - REAR BRAKE DISC - REAR BRAKE DRUM - BRAKE PADS - BRAKE SHOES

1. Foreword

This document describes a brake wear checking method, it can be printed, as can the associated methods, at the request of the customer.

2. Front brake disc check

Follow the operating procedure "removing the wheel", described in the handbook.

Chock the vehicle using an axle stand under the body as close as possible to the jack rest, before detaching the wheel.

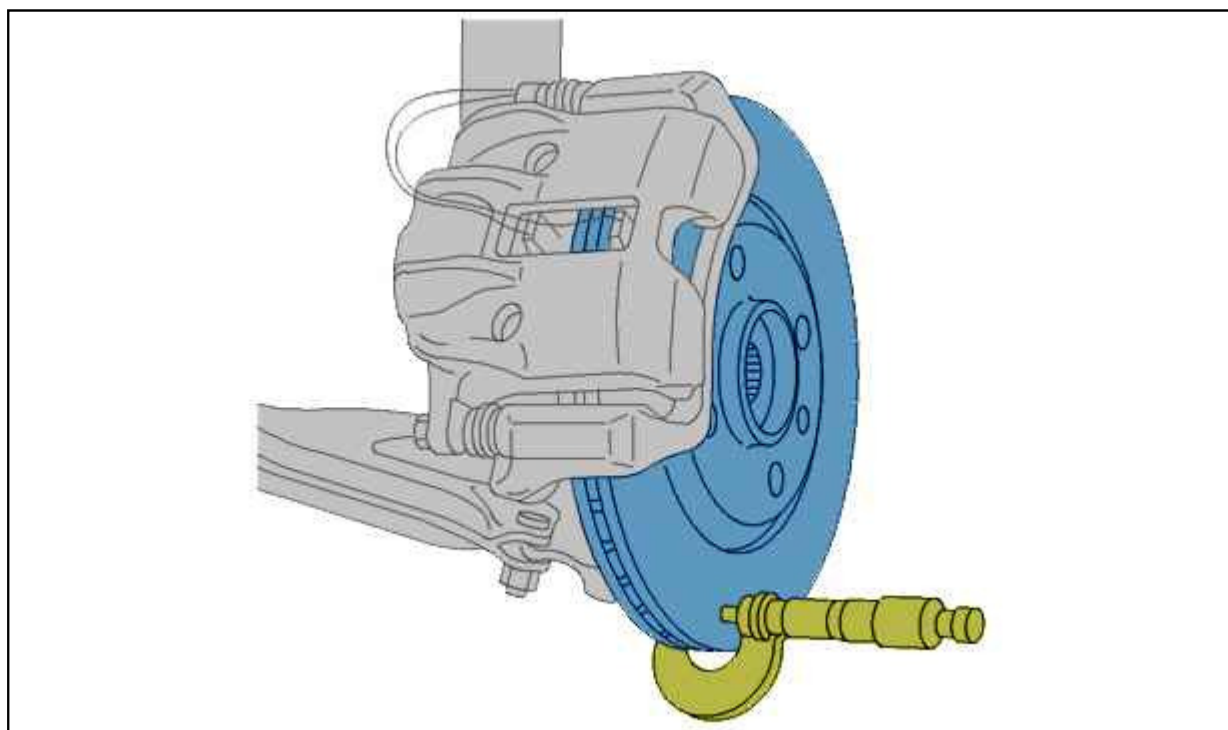


Figure : B3FP7NRD

Measure the thickness of the brake discs on the friction surfaces ; Using a micrometer (Capacity: 0 - 50 mm).
See the table below.

Front discs			
Special feature	Nominal diameter of a new disc (In mm)	Thickness of a new disc (In mm)	Minimum permitted thickness (In mm)
Solid disc	247	10	8
Solid disc	247	13	11
Solid disc	247	20,4	18,4
Solid disc	257	20,4	18,4
Solid disc	266	13	11
Ventilated disc	257	20	18
Ventilated disc (ION - C-Zero)	257	17	15,4

Ventilated disc	266	20,4	18,4
Ventilated disc	266	22	20
Ventilated disc	280	24	22
Ventilated disc	280	28	26
Ventilated disc	281	26	24
Ventilated disc	283	26	24
Ventilated disc	284	22	20,2
Ventilated disc	285	28	26
Ventilated disc	288	28	26
Ventilated disc	294	24	22,4
Ventilated disc	300	24	22
Ventilated disc	300	32	28
Ventilated disc	302	26	24
Ventilated disc	304	28	26
Ventilated disc	309	32	30
Ventilated disc	310	32	30
Ventilated disc	330	30	28
Ventilated disc	340	30	28

Follow the operating procedure "fitting the wheel" described in the handbook.

Disengage the axle stand before removing the jack.

3. Rear brake disc check

Follow the operating procedure "removing the wheel", described in the handbook.

Chock the vehicle using an axle stand under the body as close as possible to the jack rest, before detaching the wheel.

Slacken the parking brake .

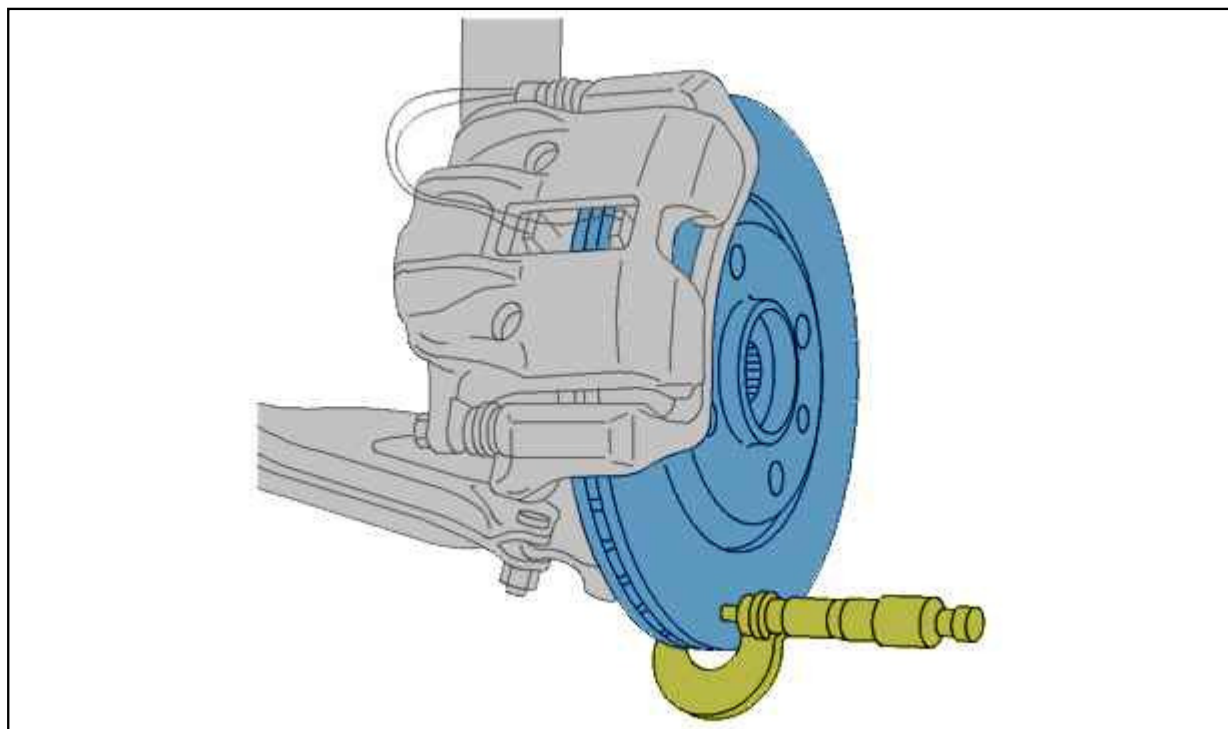


Figure : B3FP7NRD

Measure the thickness of the brake discs on the friction surfaces ; Using a micrometer (Capacity: 0 - 50 mm).

See the table below.

Rear discs			
Special feature	Nominal diameter of a new disc (In mm)	Thickness of a new disc (In mm)	Minimum permitted thickness (In mm)
Solid disc	247	8	6
Solid disc hub	249	9	7
Solid disc hub	268	12	10
Solid disc	272	12	10
Solid disc	274	14	12
Solid disc	280	16	14
Solid disc	290	10	8
Solid disc	290	12	10
Solid disc	290	14	12
Solid disc	300	16	14
Solid disc	302	10	8,4
Ventilated disc	302	22	20

Follow the operating procedure "fitting the wheel" described in the handbook.
Disengage the axle stand before removing the jack.

4. Rear brake drum check

Follow the operating procedure "removing the wheel", described in the handbook.
Chock the vehicle using an axle stand under the body as close as possible to the jack rest, before detaching the wheel.
Slacken the parking brake .
Remove the brake drum (See corresponding method).

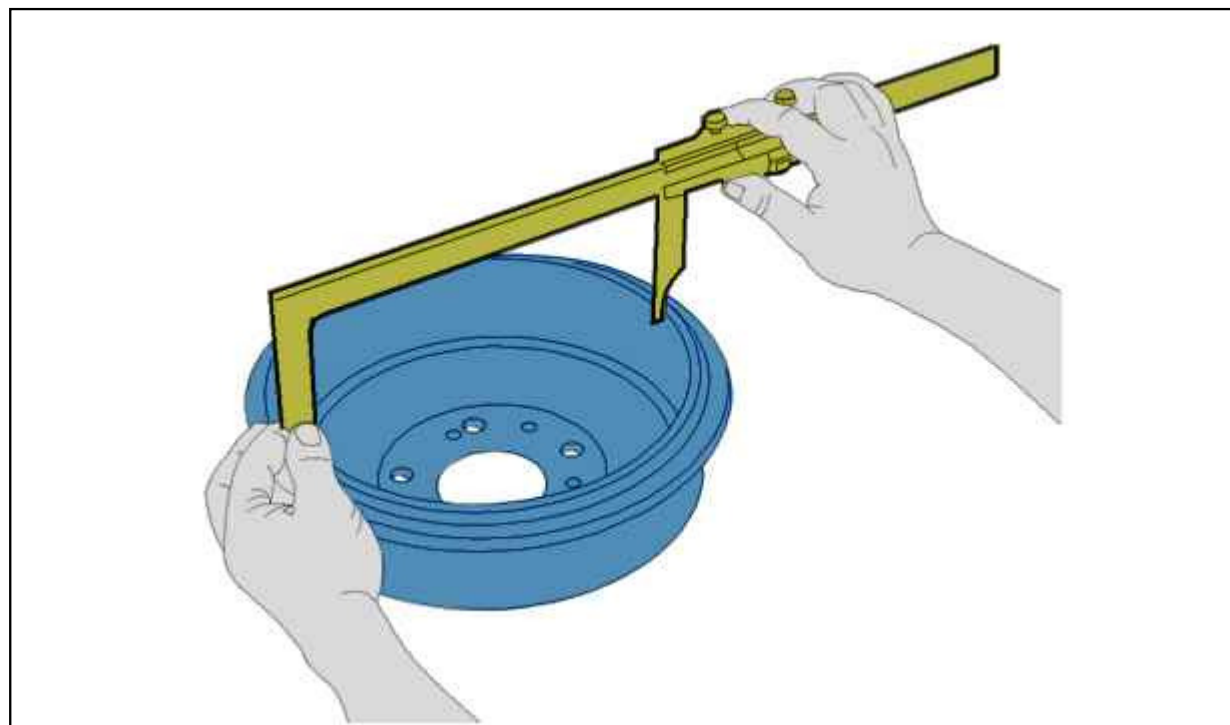


Figure : B3FP7NSD

Measure the internal diameter of the brake drums on the friction surface ; Using sliding calipers .

See the table below.

Rear brake drum		
Drum	Nominal diameter of a new drum (In mm)	Maximum permitted diameter (In mm)
7"	180	182
8"	203	204,4
8" (ION - C-ZERO)	203	205
9"	228,6	229,8
10"	254,15	256

Refit the brake drum (See corresponding method).

Follow the operating procedure "fitting the wheel" described in the handbook.

Disengage the axle stand before removing the jack.

5. Check of the thickness of the brake pad linings and brake shoe linings

vehicles	Minimum thickness of the brake pad linings (front) (In mm)	Minimum thickness of the brake pad linings (rear) (In mm)	Minimum thickness of the brake shoe linings (In mm)
ION	2	-	1
107	1	-	1
106	2	2	1
206			
1007			
206+	2	-	1
207	2	2	1
306			
307	2	2	-
308			
308 China			
RCZ			
406	2	2	1
407	2	2	-
408			
508			
607			
807			
3008			
5008			
4007	2	2	1 (*)
Bipper	2	-	1
Partner (M49)	2	-	1
Partner (M59)	2	2	1
Partner (B9)			
Expert 3			
Expert	2	-	1
BOXER	2	2	1 (*)

(*) : Handbrake linings.