

IDENTIFICATION - DATA : BRAKING SYSTEM

1. Identification

Diagonally split system.

Disc brakes at the front : The front brake discs are ventilated.

Hubs/disc rear brakes : The rear brake hubs/discs are non-ventilated.

Disc brake at the front and drum at the rear.

Parking brake lever controlled by cables acting on the rear wheels.

The emergency braking assistance (EBA) is an electronic system on vehicles fitted with a dynamic stability control ECU.

Vehicles with an ABS ECU have mechanical emergency braking assistance (EBA) included in the brake servo.

ABS (Safety anti-lock) : Electronic safety system that prevents the wheels from locking in emergency braking, the ABS allowing you to retain control of steering.

AFU (EBA) : System that gives you maximum deceleration in an emergency situation through action on the brakes.

2. Data

2.1. Brake fluid

Brake fluid : Type DOT4.

2.2. Brake fluid reservoir

Location of the reservoir on the master-cylinder.

Inlet for the supply of the hydraulic clutch control (manual gearbox).

Low brake fluid level switch.

2.3. Front brakes

Brake discs (depending on engine version)			
Nominal diameter (mm)	266	283	302
Nominal thickness (mm)	22	26	26
Minimum thickness (mm)	20	24	24
Maximum run-out (mm)	0,05	0,05	0,05
Brake calipers			
make	BOSCH	BOSCH	CONTINENTALTEVES
Type	BOSCH ZOH 54.22	BOSCH ZOH 54.26	
Piston diameter (mm)	54	54	57

2.4. assembly : Rear disc brakes

Brake discs	
Nominal diameter (mm)	249
Nominal thickness (mm)	9
Minimum thickness (mm)	7
Maximum run-out (mm)	0,05
Brake caliper	
Type	BOSCH
Piston diameter (mm)	38

2.5. assembly : Rear drum brakes

Brake drum	
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Nominal diameter (mm)	228,6
Maximum diameter (mm)	230
Maximum eccentricity (mm)	0,05
Wheel cylinder	
Diametre (mm)	20,6

2.6. Master cylinder - Brake servo

Master cylinder	ABS	ABS/ESP
Diametre (mm)	22,2	23,8
Brake servo		
Diametre (mm)	240	
AFU system (*)	Incorporated in production	
(*) AFU : Emergency Braking Assistance		

2.7. Hydraulic valve block (ABS/ESP)

hydraulic valve block		
make	CONTINENTAL TEVES	CONTINENTAL TEVES
Braking	ABS	ABS/ESP
Type	MK70	MK60

2.8. Handbrake

The handbrake adjustment is underneath the central console.