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Titolo	Brakes, Brake Control and Driver Assistance Systems : Function, Regulation and Components // edited by Konrad Reif
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Collana	Bosch Professional Automotive Information, , 2570-4559
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Lingua di pubblicazione	Inglese
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Note generali	Includes index.
Nota di contenuto	Motor vehicle safety -- Basic principles of vehicle dynamics -- Car braking systems -- Car braking-system components -- Wheel brakes -- Antilock braking systems -- Traction control system -- Electronic stability program -- Automatic brake functions -- Hydraulic modulator -- Sensors for brake control -- Sensotronic brake control -- Active steering -- Occupant protection systems -- Driver assistance systems -- Adaptive cruise control -- Parking systems -- Instrumentation -- Orientation methods -- Navigation systems -- Workshop technology.
Sommario/riassunto	Braking systems have been continuously developed and improved throughout the last years. Major milestones were the introduction of antilock braking system (ABS) and electronic stability program. This reference book provides a detailed description of braking components and how they interact in electronic braking systems. Contents Motor vehicle safety.- Basic principles of vehicle dynamics.- Car braking systems.- Car braking-system components.- Wheel brakes.- Antilock braking systems.- Traction control system.- Electronic stability program.- Automatic brake functions.- Hydraulic modulator.- Sensors for brake control.- Sensotronic brake control.- Active steering.-

Occupant protection systems.- Driver assistance systems.- Adaptive cruise control.- Parking systems.- Instrumentation.- Orientation methods.- Navigation systems.- Workshop technology. The target groups Motor-vehicle technicians in education and vocational training Master-mechanics and technicians in garage-workshops Teachers and lecturers in vocational schools Students at universities and technical colleges And all those interested in automotive engineering About the Bosch Group Bosch is the world's largest independent supplier of parts and equipment for motor vehicles. Innovations by Bosch have shaped the development of the automobile. Bosch's dominant technological role in many fields is demonstrated by the fact that it has the most patent applications in automotive engineering in Germany, to the European Patent Office and in the USA.
