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Σ

	Compared to the 3rd Edition, we have up- dated the following subjects: Strength of materials, acoustics	530 530 531	
	Electronics: Microhybrids, circuits, pc-board techniques, ensens actuators	533 536	
	Materials science: Basics, materials, lubricants, fuels, brake fluids, antifreeze Joining and bonding techniques:	ies) 538 539	
	Punch riveting Tribology Internal-combustion engines:	541 544	
	Reciprocating-piston engines Reciprocating-piston engines): Engine management (spark-ignition engines): Spark plugs, electric fuel pumps, fuel Spark plugs, electric fuel pumps, fuel	345 351	
	supply (L-Jetronic), Motronic, exhaust emissions, LPG systems Engine management (diesel engines): Axial/radial plunger distributor pumps, unit pump system, unit-lipector system, com- mon-rail, nozzles and nozzle-holders, ex- haust emissions, auxiliary starting devices Electric drives	54 56 59 71 71 73	
0 0555 0	Drivertam: ASR for pass. cars and commercial vehicles Braking systems: Basics, brake-circuit configurations, ABS Basics, brake-circuit configurations, ABS ior passenger cars, ABS and ELB for com- mercial vehicles Lighting Reflectors, PES-PLUS headlamps, Litronic,	õ छ <i>ਯ</i> o o	
	lights and lamps Theft-detent systems Communication/information systems: Car radid, parking systems, navigation sys- tems, mobile radio, Board information Terminal (BIT) Sefety externs:		
	Front and side airbag systems Front and side airbag systems Front and convenience systems: Power surnods and power windows, seat and steering-column adjustment Automotive electrical system: Circuit diagrams, energy supply, CAN Electromagnetic compatibility (EMC) Motor-vehicle specifications Pollowing subjects have been introduced: Vehicle dynamics control (VDC) and the following have been introduced:		

Page

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Foreword to the 4th Edition

This "Automotive Handbook" is a handy, concise, pocket-sized technical reference manual. Its primary purpose is to provide the automotive engineer and mechanic, as well as all twose interested in technical as well as all twose interested in technical that and an insight into present day data and an insight into present day the scope of the theoretical other dealing with this assignment in mind, the scope of the theoretical chapters dealing with passenger cars and dealing with passenger cars and commercial and necessary level. Within the framework of a pocketbook, this impossible to present dealing and the very wide range of readers, we did not want to the other hand, bearing in mind the very wide range of readers, we did not want to dispense with generally applicable topics and data.

and use. We recommend that you leaf through this "Automotive. Handbook" before attempting to use it. This will prove to be a help when you subsequently want to refer to a particular subject. The addition of new technical subjects and the expansion and up-dating of existing material are reflected in the fact than its predecessor. Similar to the 2nd and 3rd Editons, this that his 4th Edition is 40 pages longer than its predecessor. Similar to the 2nd and 3rd Editons, this and up-dated by specialists from the Bosch Group, but also by experts from other companies. At this point we would ighte to express our appreciation to all concerned. concerned

The editors

For your information:

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Rear-wheel steering, venicle-monitoring sys-tem (Check-Control), trip computer, tire-pres-sure monitoring system (RKS) Vehicle d and the fo

Ш

FORD 1

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	Fuel supplyElectric fuel pumps456Fuel management458Carburetors459Single-point fuel-injection systems469K-Jetronic464K-Jetronic466K-Jetronic466L-Jetronic468L-Jetronic471	Other engine-control functionsIdle-speed control473Electronic throttle control (ETC)474Electronic boost-pressure control474Variable-geometry intake manifold475Evaporative-emissions control system477Exhaust-gas recirculation (EGR)477	Integrated engine-management system, Motronic Detection and processing of measured variables Motronic system System configuration Racing applications Engine test technology 484	Exhaust emissions from spark- ignition (SI) engines 486 Combustion products 486 Emissions control 487 Lambda closed-loop control 496 Test cycles and ewiscions 496 Enter cycles and emission 496	Exitaust-gata attaiyzets 500 Internal-combustion (IC) engines for alternative fuels 501 LPG systems 504 Hydrogen operation 505	Engine management (diesel engines) Fuel metering 506 Fuel-injection pumps, in-line 508 Fuel-injection pumps, control sleeve 514 Fuel-injection pumps, distributor type 515 Fuel-injection pumps, solenoid-controlled 518 distributor-type, solenoid-controlled 518 Time-controlled single-pump systems 519 Common-rail system 521 Injection-pump test benches 523 Nozzles and nozzle holders 524
	327 327 346 346 355 356 355 356	n 358 359 364 373 373 373		• •	424 430 434 434	436 445 445 445 445 454 454 454 454
	Motor-vehicle dynamics Road-going vehicle requirements Fuel requirements Dynamics of linear motion Dynamics of linear motion Evaluating operating behavior (as per ISO) Special operating dynamics for commercial vehicles Agricultural-tractor requirements Environmental stresses		E 0			Ignition 11 Basics 113 Components 114 Basics 115 Spark plugs 116 Ignition coils 116 Conventoral coil ignition (CI) 117 Transistorized ignition (CI) 118 Capacitor-discharge ignition (CDI) 1218 Electronic ignition (ESA and DLI) Knock control
	86 52 52 52 52 52 52 52 52 52 52 52 52 52	102 135 135 135 150	156 164 170 170 178	184 184 232 232 250 260 260	271 274 282 288 288 298 302	
4 Contents	Contents Physics, basics Ouantities and units Conversion tables Conversion tables Vibration and oscillation Wechanics Strength of materials Acoustics Heat Electrical engineering Electronics	Sensors Actuators Electric machines Technical optics Mathematics, methods Quality	Engineering statistics, measuring techniques Reliability Data processing in motor vehicles Control engineering Materials Chemical elements Terminology and parameters	Material groups Material groups Lubricants Fuels Chemicals Corrosion and corrosion protection Heat treatment Hardness Mochine elements	Tolerations Tolerations Spring calculations Spring calculations Gears and tooth systems Belt drives Threaded fasteners	Joining and bonding techniques Welding Soldering Adhesives Riveting Pressurized clinching Pressurized clinching Prest-metal processing Tribology, wear

Σ X 4

FORD 1

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Antilock braking systems (ABS)	`		Authors of the 4th Edition ¹)
for commercial vehicles 659	Auxiliary neater installauoris		humilities unite
ed	Communications and information	,	DiplIng. G. Brüggen
Draking system (ELD) Drate stands 666	systems		diplIng. W. Bazlen †
	Automotive sound systems		Vibration and oscillation
cle Dynamics Control (VUC)	R Trip recorders 746		DiplIng. J. Bohrer
lask /abicle handlind 669	Navigation systems		Necratics Dini Jao G Britoren
	Mobile radio		Strendth of materials
tion	Board Information Terminal (BIT)		DrIng. M. Bacher-Höchst
Boad-wehicle systematics	Safety systems		Acoustics
	678 Seatbelt-tightener systems 753		Dr.rer.nat. W. Keiper
tion	Front airbag systems		Heat Divi Jing W. Daniel
Vehicle hodies, passenger car	Side airbag systems		
			Electrical engineering
	Comfort and convenience systems		Dr.rer.nat. W. Draxler.
	~		DiplIng. B. Wörner
	Power sunroot		Electronics
l components	686 Seat and steering-column adjustment 760		Dr.rer.nat. G. Matthäi; Dr.rer.nat.
Safety	Central locking system		P. Egelhaaf; Dr.rer.nat. U. Goebel;
Calculations 6	Automotive hvdraulics		Dr.rer.nat. R. Schmid; DrIng. F. Piwonk
Atiala hadiaa aammercial vehicles	Basics		DrIng. J. Marek; DiplIng. F. Raichle
Velificie Doules, connuctional venicio Commercial Vahiclas	Gear pumps and motors		Sensors
SU	s		DrIng. E. Zabler
trucks	Valves	766	Actuators
	Cylinders	00	DrIng. R. Heinz
	Tractor hydaulics	1/0	Electric machines
assive safety	Hydraulic accumulators,	ę	Dr. Ing. K. marms
Noise reduction in commercial vehicles 699	auxiliary drives	22	reconical optics
liahtina	Hydrostatic tari utives	776	Dirternat. H. Sautter
coal regulations			
ain headlamps	Automotive pneumatics	10	Mathematics
Headlamp range adjustment 714	Door operation (buses)	770	DiolIna. G. Brüggen
od lamos	Radiator jouvers	2	Ouality
ixiliary driving lamps, lights and lamps	16 Electrical system and power		DiolIng. M. Graf
sual signalling devices	supply		Engineering statistics/
Headlamp aiming devices	Symbols	780	measuring techniques
	agrams	784	DiplMath. HP. Bartenschlager
setone and alone are	Conductor-size calculations	792	Reliability
Signaling devices and alarni systems	 Electrical power supply in the vehicle 	794	Driterinat, E. Dilger:
es	Controller Area Network (CAN) 8	80	Dr rer nat. H. Weiler
Thett-deterrent systems	Starter batteries	803	Data processing in motor vehicles
Windshield and headlamp cleaning	Battery chargers	307	Dr.rer.nat. S. Dais
Windshield-winer systems	730 Alternators	308	Control encineering
Rear-window wiper systems	Electromagnetic compatibility (EMC)	816	DiolIng. R. Karrelmever
Headlamp cleaning systems	732 and interference suppression		
Drive motors	Passenger car specifications	822	
Washing systems		852	
Windshield and window glass			
Heating, ventilation,	numbers	862	an a
and air-conditioning (HVAC)		020	¹) Unless otherwise stated, the above are all employees of the Rohert Rosch GmbH
	/30 Index of headings	200	

Contents S

Σ

4

Шк

0-'

DOCKET A L A R M



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