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Comprehensive  
program  
expansion



# All running smoothly: Tire changer and balancing machines from Bosch



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- ▶ TCE 4530/TCE 4510 - Top service for tires of all passenger cars and light commercial vehicles
- ▶ TCE 4465/TCE 4460 - Strong service for wide tires
- ▶ TCE 4425/TCE 4420 - Rational service for low profile tires too
- ▶ TCE 4225/TCE 4220 - Modern service for standard tires
- ▶ WBE 4515/WBE 4510 - Balancing service with tire diagnostics
- ▶ WBE 4425/WBE 4420 - First class wheel balancing service
- ▶ WBE 4225/WBE 4220 - Economical wheel balancing service
- ▶ WBE 4110/WBE 4100 - Entry into wheel balancing service



# Tire changer and wheel balancer:

## Profitable service with top technology from Bosch



All tire experts know it: Time is of the essence in tire service and only efficient and precise work ensures customer satisfaction and safeguards economy.

Tire service for all tires and rims on passenger vehicles, light commercial vehicles and motorcycles is still a lucrative area of business in the workshop. The choice of tire service is an important decision.

The new generation of tire changer and wheel balancer from Bosch have versatility, time saving operation, tire protection and safety in common.

### **Optimal technology for profitable tire service**

Take a closer look at the turnover in accessories and you'll see that wheels and tires are one of the highest performers.

The trend toward individualization of vehicles has remained undeterred. Tire service, in particular, is subject to high profit margin pressure. The solution for the workshop is fast and efficient work and comprehensive fulfillment of customer desires. For both, the right technical equipment is needed. It is precisely the customer segments where the highest spending desire for wheels and tires can be seen who often choose types of tires that are difficult to handle if modern tire service machinery is not available.

### **Simple handling instead of "awkward tires"**

Bosch's focus on tire service technology allows it to offer the workshop a comprehensive range of very modern tire changer and wheel balancer. In accordance with individual positioning in tire service, every company will find optimum technology in this range for higher efficiency combined with easy and convenient operation.

# TCE 4530 and TCE 4510: Top service for tires of all passenger and light commercial vehicles



TCE 4530



TCE 4510

## TCE 4530: Tire changer of the latest generation in line with the market

The top model from Bosch is just right for offering a tire service for any type of passenger and light commercial vehicle wheels. The TCE 4530 combines high working speed, highest possible level of material care and simple, precise controls. A special feature of the technology is its "leverless" technology. As a top model from Bosch it masters removal and assembly of standard and low profile tires, RFT, PAX, BSR and CSR tires up to 30" rim diameter and 22" width. The standard series pneumatic lift, hydraulic removal arms with integrated rollers and auxiliary arms facilitate the assembly of awkward tires. Two speeds<sup>1</sup> in counterclockwise and clockwise rotation offer more flexibility and make higher tire throughput in the workshop possible. The high performance hydraulic unit combines 1.4 t tire removal pressure with fine control. Optimally positioned removal rollers assure trouble-free bead removal even on the toughest run-flat tires.

An additional auxiliary arm guides the tire bead into the deep bed. Without strain for the fitter, the standard pneumatic lift raises all wheels safety up to 80 kg. The standard series tire inflation system runs at the push of a button. The middle centering flange can be removed for simple clamping of closed rims.

## TCE 4510: Quick tire change even with the toughest of pneumatic tires

The TCE 4510 has similar performance data and features to the TCE 4530 but allows tires to be fitted and removed using a tire lever only.

## Equipment supply TCE 4530/TCE 4510

Hydraulic tire changer with two speeds<sup>1</sup>, fast tire inflation, pneumatic bead depressor, auxiliary arm, pneumatic lift, middle centering flange and mounting lever (TCE 4510)

<sup>1</sup> Not with a single-phase device



TCE 4530

Technical data	TCE 4530/TCE 4510
Rim diameter	10" - 30"
Rim width	10" - 22"
Max. wheel diameter	1500 mm
Pneumatic air pressure	8 - 12 bar
Motor output	1.25 kW
Weight	500 kg/480 kg
W x H x D in mm (max.)	1800 x 1900 x 1600
Color	RAL 6018

# New! TCE 4465 and TCE 4460:

## Strong service for wide tires



TCE 4465



TCE 4460

### TCE 4465: Automatic device for wide tire service

For workshops with sports-orientated customers, the TCE 4465 is just the right tire changer. Its technical equipment with pneumatic assembly column, variable removal lever and quadratic clamp plate allow the assembly of wide tires up to 15" in rim width. Rim diameters from 12" to 30" can be clamped externally to the TCE 4465. Even the toughest of tires can be handled comfortably thanks to the optional auxiliary arm and high performance motor. Two rotational speeds<sup>1</sup> in counterclockwise and clockwise rotation and the integrated tire inflation system via clamping claws guarantee flexibility, fast work and safety. The pneumatic rim release prevents damage to the rim during assembly. Trouble-free removal of large tires and additional longitudinal adjustment for off-road wheels are further plus points that will help the tire service business take off.

### TCE 4460: Competent wide tire service

The TCE 4460 has similar performance data and features to the TCE 4465 with the exception of the integrated feature that allows tires to be inflated through the clamping claws. An external tire inflation system can be retrofitted on this model.

<sup>1</sup> Not with a single-phase device

### Equipment supply TCE 4465/TCE 4460

Tilt back post tire changer (two working positions), integrated and adjustable pneumatic bead breaker, clamp plate with 4-claw clamping system and detachable clamping fixture, motor with one or two speeds as desired, tire inflation pedal with pressure gauge, reservoir, mounting lever and plastic inserts for assembly head, bead breaker and assembly claws. With the TCE 4465, additionally integrated tire inflation system in the assembly claws

Technical data	TCE 4465/TCE 4460
External rim tension	12" - 30"
Internal rim tension	14" - 33"
Rim width	3" - 15"
Max. wheel diameter	1200 mm
Pneumatic air pressure	8 - 12 bar
Motor output	1.25 kW
Weight	278 kg/267 kg
W x H x D in mm (max.)	1250 x 1950 x 2000
Color	RAL 6018

# New! TCE 4425 and TCE 4420:

## All-rounders with loads of comfort



TCE 4425



TCE 4420

### TCE 4425: Rational service for standard and low profile tires

Cost-effective tire service – with a high level of convenience. For rim diameters from 10" to 20" (external clamping) and widths from 3" to 11". One to two rotation speeds allow a higher working frequency. The pneumatic tilting assembly column creates space in the working area. The pneumatic rim release prevents damage to the rim during assembly. The pneumatic bead breaker allows the tires to be removed without damage. The integrated tire inflation system in the assembly claws actuated by a pedal is particularly user-friendly. Simple assembly and disassembly of low profile tires thanks to the optional auxiliary arm.

### TCE 4420

Equipment same as TCE 4425 but without integrated tire inflation system in the assembly claws.

### Equipment supply TCE 4425/TCE 4420

Tilt back post tire changer, integrated pneumatic bead breaker, inflating gun with pressure monitor, clamp plate with 4-claw clamping system, motor with one or two speeds as desired, reservoir, mounting lever and plastic inserts for assembly head, tire inflation system integrated in assembly claws (only TCE 4425)

Technical data	TCE 4425/TCE 4420
External rim tension	10" - 20"
Internal rim tension	13" - 23"
Rim width	3" - 11"
Max. wheel diameter	1000 mm
Pneumatic air pressure	8 - 12 bar
Motor output	1.25 kW
Weight	242 kg/229 kg
W x H x D in mm	1000 x 1830 x 1720
Color	RAL 6018

# New! TCE 4225 and TCE 4220:

## Service for standard tires



TCE 4225



TCE 4220

### TCE 4225/TCE 4220:

#### Entry level solution with swing arm

Perfectly suited to small and medium-size companies. For rim diameters from 10" to 20" (external clamping) and widths from 3" to 10". The TCE 4225 model offers the integrated tire inflation system via clamping claws, whereas the TCE 4220 only offers this feature in combination with the IT special accessories. The bead breaker is integrated in the unit at the side to ensure a comfortable working position and short hand movements. The rim is firmly centered automatically without a presetting. Safety in tire assembly and removal is assured by the standard electric forward and reverse movement of the clamping system.

#### Equipment supply TCE 4225/TCE 4220

Tire changer with swing arm, integrated pneumatic bead breaker, inflating gun with pressure monitor, clamp plate with 4-claw clamping system, reservoir, mounting lever and plastic inserts for assembly head, with TCE 4225 additionally integrated pedal-actuated tire inflation system in the assembly claws

Technical data	TCE 4225/TCE 4220
External rim tension	10" - 20"
Internal rim tension	13" - 23"
Rim width	3" - 10"
Max. wheel diameter	1000 mm
Pneumatic air pressure	8 - 12 bar
Motor output	0.55 kW
Weight	213 kg/202 kg
W x H x D in mm	1000 x 1740 x 1300/1150
Color	RAL 6018

# TCE Tire changer:

## Order numbers and special accessories

Device	Voltage supply	Order number
<b>TCE 4530</b>	3 x 400 V, 50/60 Hz	1 694 100 058
	3 x 230 V, 50/60 Hz	1 694 100 059
	1 x 230 V, 50 Hz	1 694 100 060
	1 x 230 V, 60 Hz	1 694 100 061
<b>TCE 4510</b>	3 x 400 V, 50/60 Hz	1 694 100 022
	3 x 230 V, 50/60 Hz	1 694 100 023
	1 x 230 V, 50 Hz	1 694 100 024
	1 x 110 V, 60 Hz	1 694 100 025
<b>TCE 4465</b>	3 x 400 V, 50/60 Hz	1 694 100 082
	3 x 230 V, 50/60 Hz	1 694 100 111
	1 x 230 V, 50 Hz	1 694 100 112
	1 x 230 V, 60 Hz	1 694 100 113
	1 x 110 V, 60 Hz	1 694 100 114
<b>TCE 4460</b>	3 x 400 V, 50/60 Hz	1 694 100 115
	3 x 230 V, 50/60 Hz	1 694 100 116
	1 x 230 V, 50 Hz	1 694 100 117
	1 x 230 V, 60 Hz	1 694 100 118
	1 x 110 V, 60 Hz	1 694 100 119

Device	Voltage supply	Order number
<b>TCE 4425</b>	3 x 400 V, 50/60 Hz	1 694 100 081
	3 x 230 V, 50/60 Hz	1 694 100 108
	1 x 230 V, 50 Hz	1 694 100 109
	1 x 110 V, 60 Hz	1 694 100 110
<b>TCE 4420</b>	3 x 400 V, 50/60 Hz	1 694 100 080
	3 x 230 V, 50/60 Hz	1 694 100 105
	1 x 230 V, 50 Hz	1 694 100 106
	1 x 110 V, 60 Hz	1 694 100 107
<b>TCE 4225</b>	3 x 400 V, 50 Hz	1 694 100 078
	3 x 230 V, 50 Hz	1 694 100 102
	1 x 230 V, 50 Hz	1 694 100 103
	1 x 110 V, 60 Hz	1 694 100 104
<b>TCE 4220</b>	3 x 400 V, 50 Hz	1 694 100 077
	3 x 230 V, 50 Hz	1 694 100 099
	1 x 230 V, 50 Hz	1 694 100 100
	1 x 110 V, 60 Hz	1 694 100 101

Special accessories	Order number	TCE 4220	TCE 4420	TCE 4460	TCE 4510
		TCE 4225	TCE 4425	TCE 4465	TCE 4530
Retrofit kit IT air tank with filler hose (not for TCE 4225, TCE4245, TCE 4425 und TCE 4465)	1 695 103 858	✓	✓	✓	...
Claw inserts for motorcycle rims on 20" clamp plate	1 695 105 438	✓	✓	...	...
Claw inserts for motor scooters on 20" clamp plate	1 695 105 440	✓	✓	...	...
Claw inserts for motorcycles on 30" clamp plate	1 695 105 439	...	...	✓	...
Claw inserts for motor scooters on 30" clamp plate	1 695 105 441	...	...	✓	...
Roller bed	1 695 900 005	✓	✓	✓	...
Tool drawers	1 695 900 003	✓	✓	✓	...
Manual tire inflator Eurodainu Michelin	1 695 042 877	✓	✓	✓	...
Bead depressor plate (flat)	1 695 103 261	✓	✓	✓	✓
System adapter for motorcycle 20" clamp plate (bead breaker)	1 695 103 252	✓	✓	...	...
System adapter for motorcycle 30" clamp plate (bead breaker)	1 695 105 442	...	...	✓	...
Special "plastic" assembly head for motorcycle tires	1 695 103 210	✓	✓	✓	...
Plastic protection for bead breaker (in equipment supply of TCE 446x)	1 695 102 090	✓	✓	✓	...
Plastic protection for assembly claws of the 20" clamp plate (not suitable for the TCE 4245)	1 695 105 083	✓	✓	...	...
Plastic protection for assembly claws of the 30" clamp plate (not for the TCE 422x and TCE 442x but in equipment supply of the TCE 446x)	1 695 105 251	...	...	✓	...
Plastic cap for assembly fingers (5 pieces)	1 695 101 608	✓	✓	✓	...
Clamping kit for light commercial vehicles	1 695 104 054	...	...	...	✓
Centering cone (88 - 132 mm)	1 695 653 449	...	...	...	✓
Swivel pin flange	1 695 104 055	...	...	...	✓
PAX wheel kit	1 695 104 056	...	...	...	✓
Set of removal rollers BSR/CSR	1 695 104 053	...	...	...	✓
Adapter ring, nylon, for raising flange	1 695 104 256	...	...	...	✓
Set of plastic inserts for assembly head (10 pieces)	1 695 104 741	...	...	...	✓
Swivel pin flange, 5-hole, for rims with center hole	1 695 104 562	...	...	...	✓
Swivel pin flange, 6-hole, for rims with center hole	1 695 104 563	...	...	...	✓
Swivel pin flange, 8-hole, for rims with center hole	1 695 104 564	...	...	...	✓
TCE 200 retrofit column with auxiliary arm for TCE 421x and TCE 422x	1 695 900 002	✓	...	...	...
TCE 220 retrofit column with auxiliary arm for TCE 4245	1 695 900 033	...	...	...	...
TCE 300 retrofit column with auxiliary arm for TCE 4410, TCE 445x and TCE 442x	1 695 900 001	...	✓	...	...
TCE 320 retrofit column with auxiliary arm for TCE 446x	1 695 900 032	...	...	✓	...
RFT tire auxiliary arm (for TCE 300)	1 695 102 985	...	✓	...	...
PAX tire auxiliary arm (for TCE 300)	1 695 102 666	...	✓	...	...
Retrofit kit for UHP and run-flat tires (only in conjunction with TCE 300 or TCE 320)	1 695 105 104	...	✓	✓	...
Tire lift	1 695 900 025	✓	✓	✓	...



# New! WBE 4515 and WBE 4510:

## Balancing with laser tire diagnosis



WBE 4515



WBE 4510

### WBE 4515: Top machine in the latest generation – fast, precise, comfortable

The WBE 4515 sets new standards in operator convenience and speediness. Even heavy SUV wheels can be lifted with no problem by the wheel lift – thanks to the clamping option, wheels up to 70 kg can be raised effortlessly and safely. The pneumatic flange then clamps the wheel exactly. After scanning of the wheelbase and pneumatic closing of the wheel cover, the measurement can be started. The laser sensor measures the wheel width, true running and wheel symmetry fully automatically and the balance is also recorded. After the measurement, the wheel is braked in the correct position for installation of the weight. When balancing is complete, the wheel lift is moved over to the wheel, the pneumatic flange is opened and the wheel is lowered safely to the ground. With the WBE 4515, you are equipped for all occasions: for wheels up to 26" rim diameter, 20" width and 70 kg weight. The software offers the usual functions such as static and dynamic balancing, matching of rim and tire as well as the attachment of concealed weights behind the spokes.

### Comfortable work

Balancing with the WBE 4515 saves time and avoids measurement errors. The interactive menu navigation via the TFT monitor makes operation child's play. If necessary, you can even connect a printer (special accessories) to the wheel balancer and print out logs, which can be very practical, for example, during the customer discussion.

### WBE 4510

The attributes of WBE 4510 are similar to those of WBE 4515 but without pneumatic quick clamping. Instead, the WBE 4510 is equipped with a wheel clamping system with a mechanical quick-clamping nut.

### Equipment supply WBE 4515/WBE 4510

Wheel balancer with TFT monitor, foot pedal brake, middle centering flange with mechanical quick-clamping nut (and pneumatic quick clamping with the WBE 4515), electronic feeler arm, wheel lift, laser measuring system, three centering cones, sample weight, tongs, gauge and holder pins for clamping equipment

Technical data	WBE 4515/WBE 4510
Rim diameter	10" - 26"
Rim width	1" - 20"
Max. wheel diameter	1050 mm
Maximum wheel weight	70 kg
Balancing speed	190 rpm
Weight	355 kg
W x H x D in mm	2030 x 1980 x 976
Color	RAL 6018

# New! WBE 4425 and WBE 4420:

## First class wheel balancing service



WBE 4425



WBE 4420

### WBE 4425: Comfortable top model for highest performance

The WBE 4425 is a new development from Bosch that allows particularly comfortable balancing of wheels on passenger cars, motorcycles and transporters. The model has a strikingly slim design and a new weight placement area with movable cover. This means that the placement surface is considerably larger. The control panel with arrow keys makes fast and simple navigation to the desired functions possible.

Exact weight positioning is guaranteed by nine passenger car and two motorcycle programs, including, of course, matching and splitting programs. In the special versions (S10), a light ring illuminates the rim from the inside. A position laser provides a line on which the weight is to be fitted. With the new WBE 4425, wheels with a diameter of up to 1200 mm, a maximum rim width of 21", a maximum weight of 80 kg and a rim diameter of 12" to 30" find their balance.

The electronic scanning arms for quick recording of the rim distance, rim width and rim diameter open up new perspectives in convenience. Thanks to the pneumatic quick clamp, the wheel is immediately secured in the right position. Simple, targeted positioning and attachment of concealed adhesive weights is carried out with the electronic data arm.

### WBE 4420: Easy-to-use technology

The attributes of WBE 4420 are similar to those of WBE 4425 but without pneumatic quick clamping. Instead, wheel clamping is by means of a mechanical quick clamping nut (equipment supply changes accordingly).

### Equipment supply WBE 4425 / WBE 4420

Wheel balancer with movable TFT monitor, membrane keyboard, foot pedal brake, with the WBE 4425 middle centering flange with pneumatic quick-clamping nut (actuated via foot pedal), with the WBE 4420 mechanical quick-clamping nut, electronic feeler arm for rim data acquisition, three centering cones, tapered flange, sample weight, tongs, gauge and holder pins for clamping equipment

Technical data	WBE 4425 / WBE 4420
Rim diameter	12" - 30"
Rim width	1" - 21"
Max. wheel diameter	1200 mm
Maximum wheel weight	80 kg
Balancing speed (60 Hz/50 Hz)	250/210 rpm
Weight	238 kg/225 kg
W x H x D in mm	1194 x 1686 x 1600
Color	RAL 6018

# New! WBE 4225 and WBE 4220:

## Cost-effective balancing



WBE 4225



WBE 4220

### WBE 4225: Electronic wheel balancer with digital display

The electronic wheel balancer WBE 4225 balances wheels from passenger cars, motorcycles and transporters with diameters of up to 1200 mm, maximum rim widths of 21", maximum weight of 80 kg and a rim diameter of 12" to 30".

The newly developed control panel with unique function keys and brilliant digital display guarantees fast and simple operation of the system. Nine passenger car and two motorcycle programs (plus matching and splitting) are available for selection.

The pneumatic quick clamping system brings the wheel quickly and easily into the right working position. Electronic scanning arms pick up the rim data exactly and accelerate the measuring sequence. When the wheel hood is closed, the measuring sequence can be started and after a few seconds the imbalance details are calculated. Simultaneous use of the machine by several users is supported by the program.

### WBE 4220: Scope includes digital display

Equipment similar to WBE 4225 with the exception of the pneumatic quick clamping (mechanical clamping nut in equipment supply)

### Equipment supply WBE 4225 / WBE 4220

Wheel balancer with digital display, membrane keyboard, foot pedal brake, with the WBE 4225 pneumatic middle centering flange, with the WBE 4220 mechanical quick-clamping nut, electronic feeler arm for rim data acquisition, three centering cones, tapered flange, sample weight, tongs, gauge and holder pins for clamping equipment

Technical data	WBE 4225 / WBE 4220
Rim diameter	12" - 30"
Rim width	1" - 21"
Max. wheel diameter	1200 mm
Maximum wheel weight	80 kg
Balancing speed (60 Hz/50 Hz)	250/210 rpm
Weight	230 kg/217 kg
W x H x D in mm	1194 x 1686 x 1600
Color	RAL 6018

# WBE 4110 and WBE 4100:

## Entry into wheel balancing service



WBE 4110



WBE 4100

### Compact technology and high reliability

Economic entry level solution for efficient wheel balancing servicing of passenger cars, motorcycles and light commercial vehicles. A clear double display allows simple and intuitive reading of the measured values. With the WBE 4110, the rim distance and diameter are recorded electronically by the scanning arm. This arm also assists the user in the precise installation of the weights. With the WBE 4100, these activities are carried out manually by the user.

### Programs WBE 4110/WBE 4100

Nine passenger vehicle and two motorcycle programs, data arm for inner positioning of adhesive weights and so-called "invisible weights", optimization program for static imbalance

### Equipment supply WBE 4110/WBE 4100

Wheel balancer with digital display, membrane keyboard, foot pedal brake, middle centering flange with mechanical quick clamp nut, electronic feeler arm (only with WBE 4110), tapered flange, sample weight, tongs, gauge and holder pins for clamping equipment

Technical data	WBE 4110/WBE 4100
Rim diameter	8" - 24"
Rim width	2" - 19"
Max. wheel diameter	820 mm
Maximum wheel weight	60 kg
Balancing speed	167 rpm
Weight	87 kg
W x H x D in mm	1050 x 1300 x 900
Color	RAL 6018

# WBE Wheel balancer:

## Order numbers and special accessories

Device	Voltage supply	Order number
<b>WBE 4515</b>	1 x 230 V, 50/60 Hz	1 694 100 089
	1 x 110 V, 50/60 Hz	1 694 100 127
<b>WBE 4510</b>	1 x 230 V, 50/60 Hz	1 694 100 088
	1 x 110 V, 50/60 Hz	1 694 100 126
<b>WBE 4425</b>	1 x 230 V, 50/60 Hz	1 694 100 086
	1 x 110 V, 50/60 Hz	1 694 100 123
<b>WBE 4425 S10</b>	1 x 230 V, 50/60 Hz	1 694 100 130
	1 x 110 V, 50/60 Hz	1 694 100 131
<b>WBE 4420</b>	1 x 230 V, 50/60 Hz	1 694 100 085
	1 x 110 V, 50/60 Hz	1 694 100 122
<b>WBE 4420 S10</b>	1 x 230 V, 50/60 Hz	1 694 100 128
	1 x 110 V, 50/60 Hz	1 694 100 129
<b>WBE 4225</b>	1 x 230 V, 50/60 Hz	1 694 100 084
	1 x 110 V, 50/60 Hz	1 694 100 121
<b>WBE 4220</b>	1 x 230 V, 50/60 Hz	1 694 100 083
	1 x 110 V, 50/60 Hz	1 694 100 120
<b>WBE 4110</b>	1 x 230 V, 50 Hz	1 694 100 034
	1 x 230 V, 60 Hz	1 694 100 035
	1 x 110 V, 50 Hz	1 694 100 036
	1 x 110 V, 60 Hz	1 694 100 037
<b>WBE 4100</b>	1 x 230 V, 50 Hz	1 694 100 093
	1 x 230 V, 60 Hz	1 694 100 094
	1 x 110 V, 50 Hz	1 694 100 095
	1 x 110 V, 60 Hz	1 694 100 096



Special accessories WBE	Order number
Wheel lift (not for WBE 4510/WBE 4515)	1 695 900 004
Position laser and light ring (only for WBE 4220, WBE 4225, WBE 4420 and WBE 4425)	1 695 654 994
Set of quick clamp cones M10x1.25	1 695 612 100
Centering cone (dia. 88 - 132 mm)	1 695 653 449
Fourth centering cone (dia. 120 - 174 mm)	1 695 606 300
Spacer ring for rims with high wheel offset	1 695 606 200
Three-arm flange for light commercial vehicles	1 695 653 420
Passenger vehicle universal flange, infinitely variable adjustment, incl. centering rings	1 695 654 043
Calibration weight	1 695 654 376
Wire cleaning brush	0 986 625 053
Centering kit for GM/OPEL (without middle centering flange)	1 695 655 323
Centering kit for GM/OPEL Expert (without middle centering flange)	1 695 655 324
Centering kit for BMW (without middle centering flange)	1 695 655 325
Centering kit for Daimler/Smart (without middle centering flange)	1 695 655 326
Set of four centering cones 42 - 111.5 mm	1 695 655 293
Centering system DuoExpert (2 sleeves in carrying case 54-75 mm)	1 695 625 000
Set of variable model-specific clamping plates (QuickPlate) - (4-, 5- and 6-hole rims)	1 695 655 294
Variable model-specific clamping plates (QuickPlate) - (4-hole rims)	1 695 655 295
Variable model-specific clamping plates (QuickPlate) - (5-hole rims)	1 695 655 296
Variable model-specific clamping plates (QuickPlate) - (6-hole rims)	1 695 655 297
Wall chart for QuickPlate	1 695 655 298
FixPlate set (FixPlate No. 1 to 4, 10 centering pins, 25 bolt heads, 1 wall chart)	1 695 655 299
FixPlate No. 1 - 4x98/4x100/4x101.6/4x108/4x114.3/7x150/4x170 (without centering pin and bolt heads)	1 695 655 300

Additional special accessories on the next page

# WBE Wheel balancer:

## Special accessories

Special accessories WBE	Order number
FixPlate No. 2 - 5x98/5x108/5x110/5x115/5x120.65/5x135/5x154.95 (without centering pin and bolt heads)	1 695 655 301
FixPlate No. 3 - 5x100/5x120/5x114.3/5x120/5x127/5x130/5x139.7/5x150/5x165.1 (without centering pin and bolt heads)	1 695 655 302
FixPlate No. 4 - 3x98/3x112/3x114.3/3x115/3x127/3x130/6x135/6x139.7/4x165.1 (without centering pin and bolt heads)	1 695 655 303
Centering pin for FixPlate without bolt heads	1 695 655 304
Wall chart for FixPlate	1 695 655 305
Bolt head/blunt cone/dia. 24.5 mm/length 28 mm/bolt length (incl. head) 80 mm	1 695 655 306
Bolt head/blunt cone/dia. 24.5 mm/length 38 mm/bolt length (incl. head) 90 mm	1 695 655 307
Bolt head/blunt cone/dia. 24.5 mm/length 48 mm/bolt length (incl. head) 100 mm	1 695 655 308
Bolt head/spherical collar/dia. 24.5 mm/length 38 mm/bolt length (incl. head) 90 mm	1 695 655 309
Bolt head/spherical collar/dia. 24.5 mm/length 48 mm/bolt length (incl. head) 100 mm	1 695 655 310
Bolt head/Range Rover/Land Rover/dia. 34 mm/length 28 mm/bolt length (incl. head) 80 mm	1 695 655 311
Bolt head/pointed cone/dia. 22.5 mm/length 48 mm/bolt length (incl. head) 100 mm	1 695 655 312
Bolt head/pointed cone/dia. 22.5 mm/length 58 mm	1 695 655 313
Bolt head/pointed cone/dia. 19 mm/length 55.6 mm	1 695 655 314
Set of model-specific clamping plates (No. 1 to 4), Expert set of five centering pin types, colored, two wall charts and off-road spacer sleeve	1 695 635 100
Off-road set of model-specific clamping plates (2 pieces), colored, two centering pin sets, wall charts and off-road spacer sleeve	1 695 655 327
Model-specific clamping plate (TSP No. 1), colored, without centering pin - 4x95.25/4x98/4x100/4x101.6/4x108/4x114.3/7x150/4x170	1 695 654 628
Model-specific clamping plate (TSP No. 2), colored, without centering pin - 5x98/5x108/5x110/5x115/5x120.65/5x135/5x154.95	1 695 654 629
Model-specific clamping plate (TSP No. 3), colored, without centering pin - 5x100/5x112/5x114.3/5x120/5x127/5x130/5x139.7/5x150/5x165.1	1 695 654 630
Model-specific clamping plate (TSP No. 4), colored, without centering pin - 3x98/3x112/3x114.3/3x115/3x127/3x130/6x135/6x139.7/4x165.1	1 695 655 315
Centering pin "I" 100 mm long, dia. 19 mm	1 696 654 864
Centering pin "II" 80 mm long, blunt cone, dia. 24.5 mm	1 695 654 626
Centering pin "III" 90 mm long, spherical collar, dia. 24.5 mm	1 695 654 862
Centering pin "IV" 80 mm long, Range Rover/Land Rover, dia. 34 mm	1 695 654 860
Centering pin "V" 100 mm long, blunt cone, dia. 22.5 mm	1 695 654 921
Spacer ring with magnets (40 mm)	1 695 655 316
Spacer sleeve for off-road (40 mm)	1 695 654 895
Motorcycle flange (standard)	1 695 654 039
Clamp kit for single suspension arm with shaft (dia. 19 mm)	1 695 654 060
Quick clamping unit Quick-Fix for 14 mm shaft	1 695 654 117
Quick clamping unit Quick-Fix for 19 mm shaft	1 695 655 321
Centering sleeve BMW C-R-K-models for 14 mm shaft	1 695 654 931
Centering set for Ducati, Triumph (19 mm axle)	1 695 653 538
Printer set with mount (only for WBE 4510/WBE 4515)	1 695 654 956
Center shaft (dia. 10 mm) incl. nuts and two spacer sleeves for mopeds. Special accessories for motorcycles (standard). Length 177 mm	1 695 653 430
Center shaft (dia. 14 mm) incl. nuts and two spacer sleeves for mopeds. Special accessories for motorcycles (standard). Length 233 mm	1 695 604 700

# Our **knowledge**, your **success**: Bosch Diagnostics

## Diagnostics – the key to the automotive workshop of the future

Motor vehicle systems are becoming increasingly complex; the demands placed on qualified diagnosis in workshops are rising. For professional service on modern vehicles, Bosch provides everything at one stop, perfectly coordinated: test equipment, software, technical training and hotline, supplemented by parts in initial equipment quality.



### ESI[tronic]: Software for diagnostics and service

- ▶ Simple operation
- ▶ Rapid access
- ▶ Modular structure
- ▶ Comprehensive market coverage
- ▶ Continually updated
- ▶ Universal operation regardless of manufacturer



### Test Equipment: Matched to each workshop type

- ▶ Optimized combination of hardware and software for rapid troubleshooting, qualified repair and high time savings
- ▶ PC-based test equipment of the latest generation with extendable module



### Service Training: Knowledge as a factor of success

- ▶ Comprehensive training programs for automotive workshops
- ▶ Practical training courses
- ▶ Highly qualified trainers with practical experience



### Technical Hotline: Support from the system developer

- ▶ Support in difficult technical situations
- ▶ Skills covering all brands and manufacturers

# Bosch: **Skilled partner** for workshop business

## Developments from Bosch stand for innovative progress in automobile manufacturing

Geared to the growing proportion of electronics in the vehicle, Bosch offers workshops the suitable test equipment for all sizes of company and service concepts. Sturdy, innovative, state-of-the-art automobile technology: Computer-assisted diagnosis systems help in finding any fault more quickly and more reliably. The modular layout – using future-oriented technologies – enables broad networking and efficient use of comprehensive information from the ESI[tronic] software. Mobility and user-friendly user guidance support the workshop in reliable and time-saving diagnostics.



The right to make changes of a technical nature and to alter the range on offer is reserved

AA-DGP/MKT WAW 5100 EN 03.09

Where to find original Bosch Quality:

Robert Bosch GmbH  
Automotive Aftermarket  
Business Unit Diagnostics  
73201 Plochingen  
Germany

[www.bosch-diagnostics.com](http://www.bosch-diagnostics.com)



ECU Diagnostics KTS



Engine System Testing FSA



Emission Analysis BEA



Diesel Component Testing EPS



Battery Service BAT



Air Conditioning Service ACS



Wheel Alignment FWA



Tire Service Equipment TSE



Brake Testing BSA



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