



Brake Lathes and Accessories



BOSCH
Invented for life

Bosch Brake Lathes

Faster. Better. Stronger.



Faster: True one pass machining saves you time!

- ▶ Positive rake tooling to get OEM quality finish on a single pass
- ▶ Multi-speed motor options for optimal performance
- ▶ Quick change cutting assembly for lightning fast changeovers



Better: Precision machine shop quality built to last!

- ▶ Huge dovetail way and adjustable gib design for machine shop accuracy
- ▶ Tapered arbor roller bearings instead of straight bushings that eliminates slop and provides constant pressure to machine slotted rotors and flywheels with ease



Stronger: Solid "Muscle Mass" construction for superior performance!

- ▶ 470 lbs solid metal casting that absorbs vibration for smoother cuts
- ▶ External motor assembly that separates motor vibration from the cutting assembly for smoother cuts

BL 8922L

High Performance Single Speed
Combination Brake Lathe
(F00E900217)



BL 8922L
Combination Single Speed Brake Lathe

BL 8944L

High Performance Multi-Speed
Combination Brake Lathe
(F00E900218)



BL 8944L
Multi-Speed Brake Lathe

Brake Lathe Key Features/Benefits:

- ▶ Positive rake one pass finishing to get the job done right the first time every time
- ▶ Machines drums, flywheels, and all types of rotors including cross drilled and slotted
- ▶ Best in class “Muscle Mass” construction with a solid metal casting that eats up finish damaging vibrations
- ▶ External motor assembly that isolates vibration for smoother cuts
- ▶ Huge machine shop quality dovetail way and gibb construction for a lifetime of smooth cuts
- ▶ Tapered roller bearing arbor supports that eliminates slop in the arbor motion for consistently smooth cuts
- ▶ BL 8944L Includes a multi-speed arbor as well as adjustable rotor and drum feed speeds for ultimate flexibility and control.

Included Standard Tools

433701	Arbor 1" (25mm)
433713	Arbor Nut
433702	Drawbar
436410	Wrench, 1-1/2"
434559	Wrench, 7/8" (22mm)
434558	Wrench, 3/8" (10mm)
433750	Twin Cutter Assembly with Right Hand Tool Holder (433763) and Straight Tool Holder (433286)
433796	Carbide Inserts, 10pk
433764	Left Hand Tool Holder
433782	Drum Silencer
433774	Spacer, Twin Cutter
433172	Boring Bar Assembly with Short Tool Holder (433779)
433715	Washers
433633	T-Bolt
4B4280	Washer (Qty 2)
433617	Nut (Qty 2)

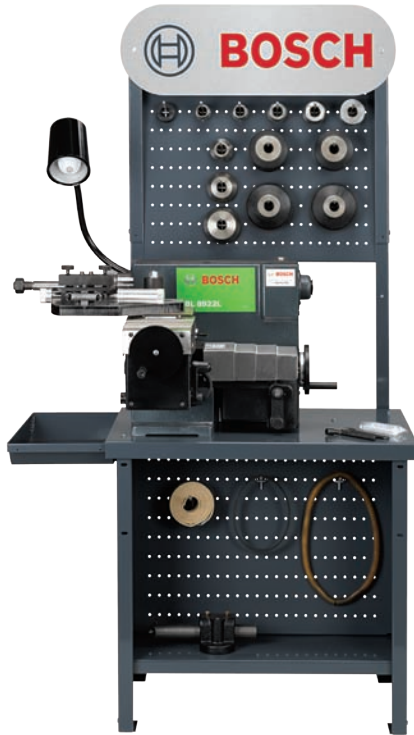


BL 8991 Brake Shop

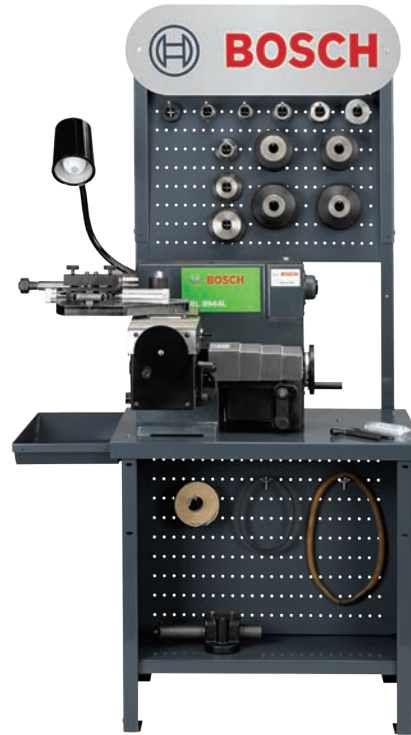
High Performance Single Speed
Combination Machining Center
(F00E900232)

BL 8993 Brake Shop

High Performance Multi-Speed
Combination Machining Center
(F00E900233)



BL 8991 = BL 8922L Lathe + Bench + Accessories



BL 8993 = BL 8944L Lathe + Bench + Accessories

Brake Shop Key Features/Benefits:

- ▶ Positive rake one pass finishing to get the job done right the first time every time
- ▶ Best in class "Muscle Mass" construction with a solid metal casting that eats up finish damaging vibrations
- ▶ External motor assembly that isolates vibration for smoother cuts
- ▶ Huge machine shop quality dovetail way and gibb construction for a lifetime of smooth cuts
- ▶ Tapered roller bearing arbor supports that eliminates slop in the arbor motion for consistently smooth cuts
- ▶ BL 8993 Includes a multi-speed arbor that provides the experienced operator a new level of versatility

Included Brake Shop Accessories

8010 adaptor group
for passenger cars
and light trucks



040100 – Standard accessory package
for domestic and foreign passenger cars
(10 inserts, left tool holder, small drum/
flywheel/ hubless rotor adaptor set,
clip-on silencer, rotor silencer)



436054 – Light/medium truck set for hubless truck
and four-wheel drive drum and rotors through the
350 and 30 series including large bore
hubs with center-holes up to 5.55"

Includes:

436053 - Bell Clamp 6.88"

434141 - Centering Cone 4.00" - 5.063"

436052 - Centering Cone 4.50" - 5.563"



434295 – Double taper radius cone set
for larger hubbed drums and rotors
Includes:

434289 Truck Double Taper Adapter, 2.840" - 3.195"

434290 Truck Double Taper Adapter, 3.190" - 3.560"



Specifications



	BL 8922L	BL 8944L	BL 8991 Shop	BL 8993 Shop
Part Number	F00E900217	F00E900218	F00E900232	F00E900233
Single or Multi-Speed	Single Speed	Multi-Speed	Single Speed	Multi-Speed
Rotor capacity	4"-24" (102 mm – 610 mm)	4"-24" (102 mm – 610 mm)	4"-24" (102 mm – 610 mm)	4"-24" (102 mm – 610 mm)
Rotor max width of surface	4.5" (114 mm)	4.5" (114 mm)	4.5" (114 mm)	4.5" (114 mm)
Rotor max thickness	2.25" (57 mm)	2.25" (57 mm)	2.25" (57 mm)	2.25" (57 mm)
Drum capacity	6"-28" (152 mm – 711 mm)	6"-28" (152 mm – 711 mm)	6"-28" (152 mm – 711 mm)	6"-28" (152 mm – 711 mm)
Drum max depth of cut	6" (152 mm)	6" (152 mm)	6" (152 mm)	6" (152 mm)
Flywheel capacity	6"-24" (152 mm – 610 mm)	6"-24" (152 mm – 610 mm)	6"-24" (152 mm – 610 mm)	6"-24" (152 mm – 610 mm)
Flywheel friction surface capacity	6" (152 mm)	6" (152 mm)	6" (152 mm)	6" (152 mm)
Drum/Rotor/Flywheel Max weight (Standard arbor)	150 lbs (68 kg)	150 lbs (68 kg)	150 lbs (68 kg)	150 lbs (68 kg)
Drum/Rotor/Flywheel Max weight (Optional 1-7/8" Heavy Duty Arbor Set #434055)	300 lbs (136 kg)	300 lbs (136 kg)	300 lbs (136 kg)	300 lbs (136 kg)
Spindle speed	105 RPM	105-150-200 RPM	105 RPM	105-150-200 RPM
Rotor feeds per revolution	0.0030" (0.077 mm)	0.001"-0.010" (0.025 mm – 0.254 mm)	0.0030" (0.077 mm)	0.001"-0.010" (0.025 mm – 0.254 mm)
Drum feeds per revolution	0.0046" (0.117 mm)	0.0015"-0.015" (0.039 mm – 0.381 mm)	0.0046" (0.117 mm)	0.0015"-0.015" (0.039 mm – 0.381 mm)
Motor	1 HP (0.7 kW)	1 HP (0.7 kW)	1 HP (0.7 kW)	1 HP (0.7 kW)
Weight	474 lbs (215 kg)	500 lbs (227 kg)	685 lbs (313 kg)	711 lbs (323 kg)
Includes Bench	No	No	Yes	Yes
Includes #8010 Adaptor Group	No	No	Yes	Yes
Bosch Extended Warranty*	Yes	Yes	Yes	Yes

*The Bosch extended limited warranty is 1 year parts, 6 months labor

BLE Accessories



Bronze Adapter Group #8010 for Passenger Cars, Light Trucks

- 433703 Bell Clamp; 5.56" (Qty 2)
- 433704 Bell Clamp; 4.06" (Qty 2)
- 433707 Centering Cone; 3"-4"
- 433706 Centering Cone; 2.25"-3.25"
- 433705 Centering Cone; 1.5"-2.5"
- 433712 Spacer; 1"
- 433716 Spring
- 433711 Double Taper; 2.44"-2.85"
- 433710 Double Taper; 2.075"-2.45"
- 433709 Double Taper; 1.7"-2.08"
- 433708 Double Taper; 1.31"-1.71"
- 433963 Double Taper; 1.25"-1.65"
- 433785 Silencer, Rotor Vented, Large
- 433789 Silencer, Non-vented, Small



Silver Adapter Group #8020 for Passenger Cars, Light Trucks

- #8011 Automotive Kit Includes:**
- 460572 Flange Plate; 4.80"
 - 460573 Reversible Center Cone; 2.00"-3.98"
 - 460574 Arbor Spacer; 2.00" (Qty 2)
 - 460575 Automotive Composite Flange Plate; 5.43"
 - 460579 Automotive Cone; 1.84"-2.20"
 - 460580 Automotive Cone; 2.12"-2.47"
 - 460581 Automotive Cone; 2.37"-2.75"
 - 460582 Automotive Cone; 2.65"-3.00"
 - 460583 Automotive Cone; 2.92"-3.30"
 - 460592 Arbor Spring; 1.92" x 1.00"

- Silencers Includes:**
- 438190 Spring Silencer Band
 - 438195 Chain Silencer Band
 - 434296 Clip-On Silencer

- Double Taper Adapters Includes:**
- 433711 Double Taper; 2.44"-2.85"
 - 433710 Double Taper; 2.075"-2.45"
 - 433709 Double Taper; 1.7"-2.08"
 - 433708 Double Taper; 1.31"-1.71"
 - 433963 Double Taper; 1.25"-1.65"



Brake Lathe Bench with Background Storage Panel and Chip Tray F00E900987



Dust Containment Unit 438020

Keeps the work area free from chips and dust particles.



Gold Adapter Group #8030 for Passenger Cars, Light through 1/2 Ton Truck

- #8011 Automotive Kit Includes:**
- 460572 Flange Plate; 4.80"
 - 460573 Reversible Center Cone; 2.00"-3.98"
 - 460574 Arbor Spacer; 2.00" (Qty 2)
 - 460575 Automotive Composite Flange Plate; 5.43"
 - 460579 Automotive Cone; 1.84"-2.20"
 - 460580 Automotive Cone; 2.12"-2.47"
 - 460581 Automotive Cone; 2.37"-2.75"
 - 460582 Automotive Cone; 2.65"-3.00"
 - 460583 Automotive Cone; 2.92"-3.30"
 - 460592 Arbor Spring; 1.92" x 1.00"

- #8012 Light Truck Kit Includes:**
- 460578 Light Truck Composite Plate; 7.25"
 - 460584 Light Truck Centering Cone; 3.20"-3.57"
 - 460585 Light Truck Centering Cone; 3.47"-3.85"

- Silencers Includes:**
- 438190 Spring Silencer Band
 - 438195 Chain Silencer Band
 - 434296 Clip-On Silencer

- Double Taper Adapters Includes:**
- 433711 Double Taper; 2.44"-2.85"
 - 433710 Double Taper; 2.075"-2.45"
 - 433709 Double Taper; 1.7"-2.08"
 - 433708 Double Taper; 1.31"-1.71"
 - 433963 Double Taper; 1.25"-1.65"



Platinum Adapter Group #8040 for Passenger Cars, Composite Rotors, and Light Trucks through 1 Ton Trucks

#8011 Automotive Kit Includes:

460572	Flange Plate; 4.80"
460573	Reversible Center Cone; 2.00"-3.98"
460574	Arbor Spacer; 2.00" (Qty 2)
460575	Automotive Composite Flange Plate; 5.43"
460579	Automotive Cone; 1.84"-2.20"
460580	Automotive Cone; 2.12"-2.47"
460581	Automotive Cone; 2.37"-2.75"
460582	Automotive Cone; 2.65"-3.00"
460583	Automotive Cone; 2.92"-3.30"
460592	Arbor Spring; 1.92" x 1.00"

#8012 Light Truck Kit Includes:

460578	Light Truck Composite Plate; 7.25"
460584	Light Truck Centering Cone; 3.20"-3.57"
460585	Light Truck Centering Cone; 3.47"-3.85"

#8013 Larger Light Truck Kit Includes:

460576	Large Light Truck Flange Plate; 7.25"
460577	Large Light Truck Flange Plate; 6.50"
460586	Light Truck Centering Cone; 3.75"-4.12"
460587	Light Truck Centering Cone; 4.03"-4.40"
460588	Light Truck Centering Cone; 4.30"-4.67"
460589	Light Truck Centering Cone; 4.57"-4.95"
460590	Light Truck Centering Cone; 4.85"-5.22"
460591	Light Truck Centering Cone; 5.12"-5.50"

434295 Truck Double Taper Set Includes:

434289	Truck Double Taper; 2.840"-3.195"
434290	Truck Double Taper; 3.190"-3.560"

Silencers Includes:

438190	Spring Silencer Band
438195	Chain Silencer Band
434296	Clip-On Silencer
434650	Heavy Drum Silencer Band (not pictured)

Double Taper Adapters Includes:

433711	Double Taper; 2.44"-2.85"
433710	Double Taper; 2.075"-2.45"
433709	Double Taper; 1.7"-2.08"
433708	Double Taper; 1.31"-1.71"
433963	Double Taper; 1.25"-1.65"

Carbide Inserts

High quality, positive-rake carbide inserts have the capability to cut hard spots on rotors, drums, and flywheels. Each insert has three cutting edges. (Original Accu-turn Inserts)

- 433795 - 5 pack Carbide Inserts with Screws
- 433796 - 10 pack of Carbide Inserts with Screws



433795



Premium Three Jaw Chuck Kit #8050 F00E901139

F00E900846	Dual Lite Chuck Kit (include plates)
F00E900848	Small Backing Plate
F00E900849	Medium Backing Plate
F00E900850	Large Backing Plate
F00E900851	Toyota Backing Plate
F-150 Adapter	(Not available seperately)
433963	Double taper adapters, 1.25"-2.85"
433708	Double Taper Adapter, 1.31" - 1.71"
433709	Double Taper Adapter, 1.7" - 2.08"
433710	Double Taper Adapter, 2.075" - 2.45"
433711	Double Taper Adapter, 2.44" - 2.85"
434289	Double Taper Adapter, 2.84"-3.195"
434290	Double Taper Adapter, 3.19" - 3.56"
433785	Silencer Vented Large
433789	Silencer Non vented Small
434296	Clip on silencer



Three Jaw Dual Lite Chuck Kit F00E900846

Dual sided chuck includes four backing plates and F-150 adapter.

F00E900846	Dual Lite Chuck Kit
F00E900848	Small Backing Plate
F00E900849	Medium Backing Plate
F00E900850	Large Backing Plate
F00E900851	Toyota Backing Plate
F-150 Adapter	(Not available seperately)



Three Jaw Lite Chuck Kit F00E900847

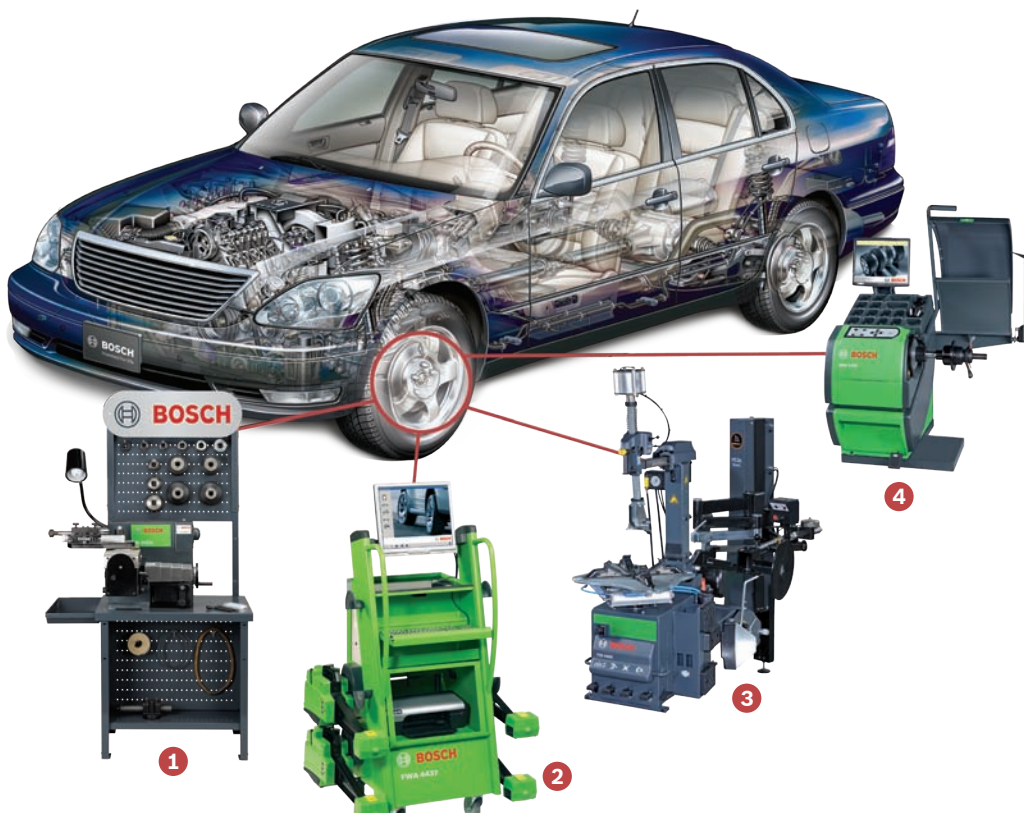
Single sided Lite Chuck with choice of one backing plate.

Options for Lite Chuck Kit:

F00E900848	Small Backing Plate
F00E900849	Medium Backing Plate
F00E900850	Large Backing Plate
F00E900851	Toyota Backing Plate

Bosch Wheel Service Equipment

Bosch offers a complete line of high quality wheel service equipment designed to increase repair shop efficiency, and maximize profitability. Bosch also provides an array of undercar and underhood diagnostic and test equipment and software. To learn more, visit www.boschdiagnostics.com. To place an order, contact customer service at **1-800-551-2228**.



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| <p>1</p> <p>Brake Lathe Equipment</p> <ul style="list-style-type: none"> ▶ BL8922L ▶ BL8944L ▶ BL8991 Shop ▶ BL8993 Shop | <p>2</p> <p>Wheel Alignment Equipment</p> <ul style="list-style-type: none"> ▶ FWA 4630 Easy 3D ▶ FWA 4437 8R CCD ▶ FWA 4432 6R CCD ▶ FWA 4310 6C CCD | <p>3</p> <p>Tire Changing Equipment</p> <ul style="list-style-type: none"> ▶ TC 220S ▶ TCE 4230 ▶ TCE 4335THP ▶ TCE 4465THP ▶ TCE 4465THPL ▶ TCE 4540 | <p>4</p> <p>Wheel Balancing Equipment</p> <ul style="list-style-type: none"> ▶ WBE 4110 ▶ WBE 4140 ▶ WBE 4230 ▶ WBE 4430 ▶ WBE 4510 ▶ WBE 5210 |
|--|---|---|--|



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