



Photo: 9566CVR

Accessories

Accessories	Anti Vibration Grip	Dust Collecting Wheel Guard	Dust Collecting Wheel Guard	Brush Cover for Wire Cup Brush	Rubber Pad	Dust Cover Attachment Set	Head Cover
Part No.							
For Model			* Economy type				
115mm Models	194514-0	192618-2	192968-5	-	794187-5	193903-6	417322-5
125mm Models			* 193794-5	193066-8	743015-1		
150mm Models		-	-	-	743016-9		

Angle Grinder



	9561CR, 9564CR 115mm (4-1/2")	9562CR, 9565CR 125mm (5")	9566CR 150mm (6")
Double insulation	1,200W	1,400W	1,400W
Super joint system (SJS)	115mm (4-1/2")	115mm (4-1/2")	150mm (6")
Electronic speed control	11,000rpm	11,000rpm	9,000rpm
Soft start	289 x 129 x 103 mm	289 x 129 x 103 mm	299 x 169 x 103 mm
	(11-3/8" x 5-1/8" x 4-1/16")	(11-3/4" x 5-1/8" x 4-1/16")	(11-3/4" x 6-5/8" x 4-1/16")
	2.2kg (4.8lbs)	2.2kg (4.8lbs)	2.3kg (5.1lbs)
	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
*EPTA-Procedure 01/2003 (with Wheel cover, Flange, Lock nut and Side Grip)			
Standard Equipment Depressed Center Wheel, Lock Nut Wrench, Side Grip			

	9561CVR, 9564CVR 115mm (4-1/2")	9562CVR, 9565CVR, 9565CLR 125mm (5")	9566CVR 150mm (6")
Double insulation	1,200W	1,400W	1,400W
Super joint system (SJS)	115mm (4-1/2")	115mm (4-1/2")	150mm (6")
Variable speed	2,800 - 11,000rpm	2,800 - 11,000rpm	2,000 - 6,800rpm
Electronic speed control	289 x 129 x 103 mm	289 x 129 x 103 mm	299 x 169 x 103 mm
Soft start	(11-3/8" x 5-1/8" x 4-1/16")	(11-3/4" x 5-1/8" x 4-1/16")	(11-3/4" x 6-5/8" x 4-1/16")
	2.2kg (4.8lbs)	2.2kg (4.8lbs)	1.9kg (4.2lbs)
	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)
*EPTA-Procedure 01/2003 (with Wheel cover, Flange, Lock nut and Side Grip)			
Standard Equipment Depressed Center Wheel, Lock Nut Wrench, Side Grip (9565CLR: Abrasive Disc, Head Cover, Lock Nut Wrench, Side Grip)			

Items of standard equipment and specifications may vary by country or area.

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Angle Grinders

Satisfy Professional's Needs

115mm (4-1/2") : 9561CR /CVR, 9564CR /CVR

125mm (5") : 9562CR /CVR, 9565CR /CVR, 9565CLR 150mm (6") : 9566CR /CVR



Anti-Restart Function minimizes accidental startup

Even if plugged in with the switch "ON", the tool does not start with a blinking red light for visual warning.







# Anti-restart function minimizes accidental startup.

Even if plugged in with the switch "ON", the tool does not start with a blinking red light for visual warning.

## Behavior of LED power light



Single Speed Models



Variable Speed Models

Blinking Red warns that Anti-restart function is activated.



Single Speed Models



Variable Speed Models

Solid Green indicates that current can be applied to the circuit.



LED power light and Speed control dial with Speed control dial:  
9561CVR, 9562CVR, 9564CVR  
9565CVR, 9566CVR, 9565CLR

Photo: 9565CVR

## Angle Grinder

115mm (4-1/2") : 9561CR/ CVR, 9564CR/ CVR

125mm (5") : 9562CR/ CVR, 9565CR/ CVR, 9565CLR

150mm (6") : 9566CR/ CVR

115 mm (4-1/2")	125 mm (5")	150 mm (6")	Input (W)	Super Joint System-SJS	Electronic limiter	Soft start	Constant speed control	Variable speed
9561CR	9562CR		1,200	○	○	○	○	×
9561CVR	9562CVR			○	○	○	○	○
9564CR	9565CR	9566CR	1,400	○	○	○	○	×
9564CVR	9565CVR 9565CLR	9566CVR		○	○	○	○	○

## Heavy-duty motor

The Field with superior wiring technology leads to higher power without motor-size expansion.  
Slim body, zigzag varnish on armature and powder varnish on field



zigzag varnish

powder varnish



## Super Joint System

- When wheel is accidentally locked:
  - Absorbs shock to operator.
  - Protects gears from damage.
- Ensures smooth grinding feeling.



Armature shaft

Coil-spring

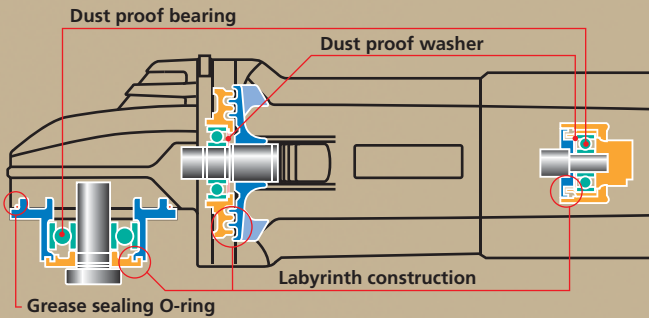
Spiral bevel gear

1. When rotation starts:  
With the rotation of armature shaft, Coil-Spring is extended and its tightening force increases so that armature shaft is fixed firmly and transmitted to spiral bevel gear.

2. When wheel is accidentally locked:  
The Coil-Spring will be in slippery condition against the shock by accidental spindle lock or overload which surpasses the limited torque designed for the tool. This will prevent the damage of gears or armature and ensure longer tool life.

## More durable gears and bearings

- Gears are lubricated by securely sealed grease in gear room.
- Bearings are protected from dust/dirt by Labyrinth construction.



Dust proof bearing

Dust proof washer

Labyrinth construction

Grease sealing O-ring

## Easy-to-grip shape

Internal brush holders enable the machine circumference to be flat without protrusions.



## Auto cut-out carbon brush

Automatically stops the motor to protect commutator when Carbon Brush wears out.



## Speed control dial

for Model  
9561CVR, 9562CVR, 9564CVR  
9565CVR, 9566CVR, 9565CLR  
Rotation speed is selectable to work piece.



## Electronic limiter and Electronic controller

- Stops the current to protect the motor from burning when there is accidental overload on the machine.
- Restarts the motor automatically when the machine is freed from the load again.
- The constant speed control keeps minimizing the speed loss under loaded conditions and enables highly efficient operation.
- The soft starter suppresses the rotation speed for seconds at startups to reduce the starting shock.