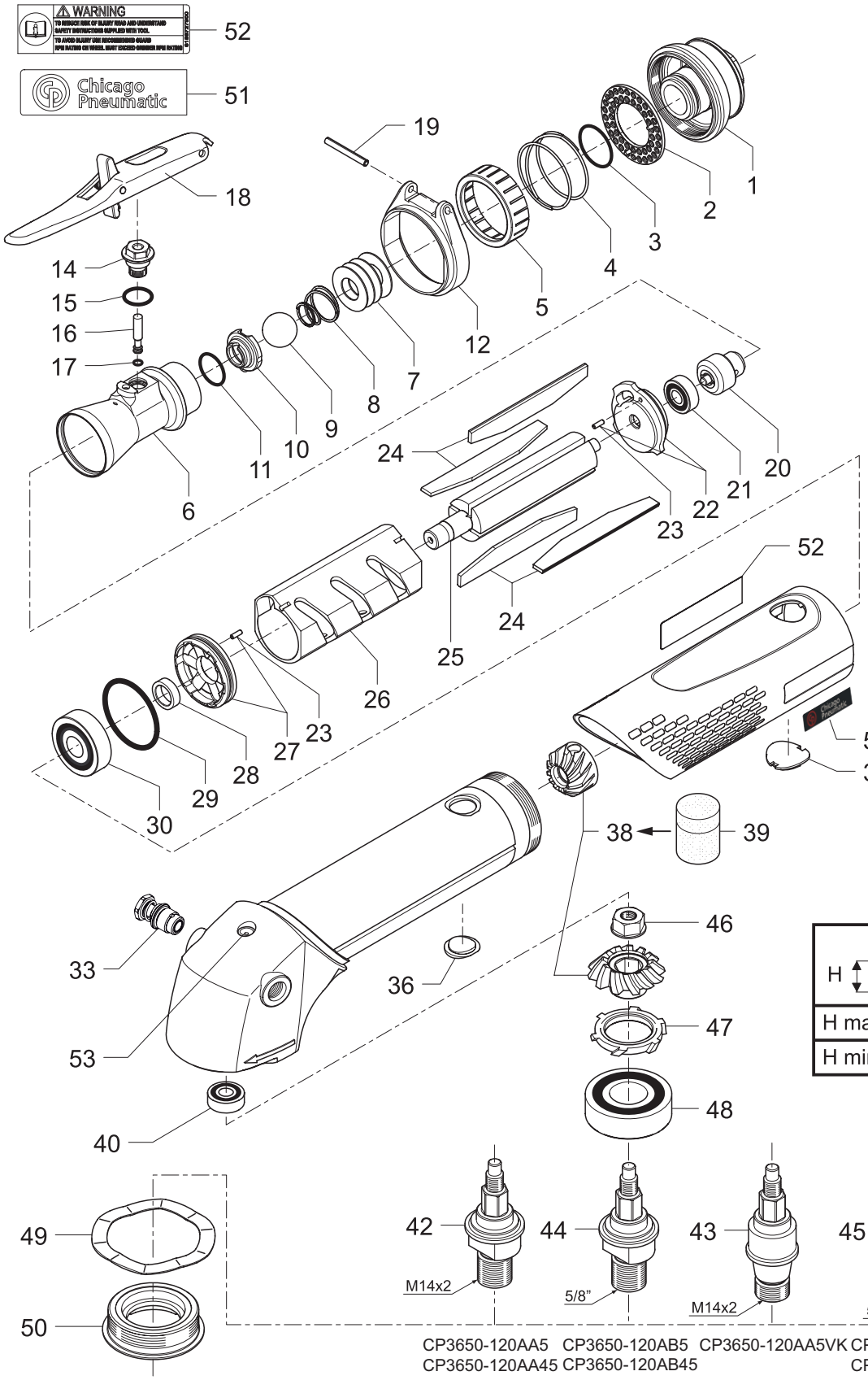
# CP3650 Series

CP3650-120AA5VK / CP3650-120AB5VK / CP3650-120AH5VK / CP3650-120AA5 / CP3650-120AB5 / CP3650-100AB6VK / CP3650-120AA45 / CP3650-120AB45
Angle Grinders




CP3650-120AA5 CP3650-120AB5 CP3650-120AA5VK CP3650-120AB5VK CP3650-120AH5VK
CP3650-120AA45 CP3650-120AB45 CP3650-100B6VK

| * | Tightening direction |
|---|---|
| | Sens de serrage |
| | Sentido de apriete |
| | Anziehrichtung |
| | Senso di serraggio |
| | Sentido de aperto |
| | Kiristyssuunta |
| | Åtdragningsriktning |
| | Tilstrammingsretning |
| | Tilspændingsretning |
| | Schroefrichting |
| | Φορά σύσφιξης |
| | 上紧方向 |
| | Meghúzás iránya |
| | Pievilkšanas virziens |
| | Kierunek dokręcania |
| | Směr utahování |
| | Smer uťahovania |
| | Smer zatesnjevanja |
| | Sukimo kryptis |
| | Направление затяжки |

| | * |
|---|---|
| b) **50** / 32 | 60 Nm |
| b) **33** / 32 | 3 Nm |
| c) **20** / 25 | 2 Nm |
| a) **13** / 6 | 3 Nm |
| d) **1** / 32 | 30 Nm |
| **46** / 42 | 30 Nm |
| **46** / 43 | 30 Nm |
| **46** / 44 | 30 Nm |
| **46** / 45 | 30 Nm |
| **38** / 25 | 30 Nm |

a) : “Loctite 222”
b) : “Loctite 243”
c) : “Loctite 641”
d) : “Loctite 270”

| H (24) | mm |
|---|---|
| H maxi | 10.85 |
| H mini | 9.8 |

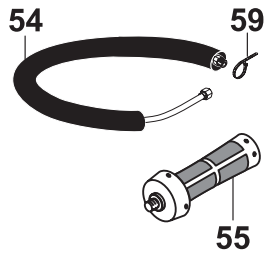
| | rpm | W(hp) |
|---|---|---|
| CP3650-120AA5/CP3650-120AA45/CP3650-120AB5/CP3650-120AB45/ CP3650-120AA5VK/CP3650-120AB5VK/CP3650-100B6VK | 12000 | 1600(2.2) |
| CP3650-100AB6VK | 10000 | 1500(2.1) |

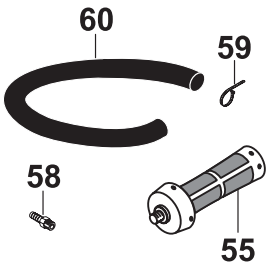
| Index No. | Part No. | Description | Qty. |
|---|---|---|---|
| **A** | **2050556023** | **Silencer Kit** | |
| 2 | | Silencer | 1 |
| 3 | | O-Ring | 1 |
| 5 | | Valve | 1 |
| **B** | **6153967360** | **Bushing Complete** | |
| 14 | | Bushing | 1 |
| 15 | | O-Ring | 1 |
| 16 | | Pin | 1 |
| 17 | | O-Ring | 1 |
| **C** | **2050556033** | **Valve Kit** | |
| 8 | | Spring Conical | 1 |
| 9 | | Ball | 1 |
| 10 | | Valve seat | 1 |
| 11 | | O-Ring | 1 |
| **D** | **2050556043** | **Rear Endplate Kit** | |
| 21 | | Bearing | 1 |
| 22 | | Rear Endplate | 1 |
| **E** | **2050556063** | **Blades Kit** | |
| 24 | | Blade | 4 |
| **F** | **2050556053** | **Front Endplate Kit** | |
| 27 | | Front Endplate | 1 |
| 28 | | Plate Spacer | 1 |
| 29 | | O-Ring | 1 |
| 30 | | Bearing | 1 |
| **G** | **6153933320** | **Housing Complete Kit 12000RPM** | |
| 32 | | Housing | 1 |
| 33 | | Stopfinger Complete | 1 |
| 53 | | Greaser | 1 |
| 31 | | Insulator 12000RPM | 1 |
| 37 | | External cover | 1 |
| 51 | | Left side brand name plate | 1 |
| 52 | | Warning label | 1 |
| 36 | | Cover | 1 |
| 1 | | Adaptater | 1 |
| 39 | 396.001 | Grease Kit - 5g | 1 |
| **H** | **399.480** | **Bevel Gear paired set** | |
| 38 | | Bevel gear | 1 |
| 39 | | Grease Kit - 5g | 1 |
| **I** | **2050556083** | **Output Bearing Kit** | |
| 40 | | Bearing | 1 |
| 46 | | Nut | 1 |
| 47 | | Deflecotr | 1 |
| 48 | | Bearing | 1 |

| Index No. | Part No. | Description | Qty. |
|---|---|---|---|
| **J** | **2050556073** | **Motor Bearing Kit** | |
| 30 | | Bearing | 1 |
| 21 | | Bearing | 1 |
| **K** | **2050556013** | **Small parts kit** | |
| 46 | | Nut | 1 |
| 47 | | Deflector | 1 |
| 23 | | Pin | 1 |
| 22 | | Rear endplate | 1 |
| 19 | | Pin | 1 |
| 4 | | Spring Cylindrical | 1 |
| 1 | 6153967390 | Adapter | 1 |
| 7 | 6156452290 | Disc Spring | 1 |
| 12 | 6155960040 | Lever Bracket | 1 |
| 18 | 6153967350 | Safety lever | 1 |
| 20 | 6154570490 | Governor 19K | 1 |
| 25 | 6154261200 | Rotor | 1 |
| 26 | 6154001480 | Cylinder | 1 |
| 41 | 501.71 | Shaft Hexa | |
| 54 | 6155011330 | Shaft Hexa for autobalancer | |
| 42 | 501.87 | Shaft M14 | 1 |
| 43 | 6155011250 | Shaft M14 for autobalancer | 1 |
| 44 | 501.88 | Shaft 5/8" | 1 |
| 45 | 6155011260 | Shaft 5/8" for autobalancer | 1 |
| 49 | 6156451720 | Washer | 1 |
| 50 | 6156731510 | Plug (CP3650-120AA5VK / CP3650-120AB5VK / CP3650-120AA5 / CP3650-120AB5) | 1 |
| 50 | 6156731500 | Plug (CP3650-120AH5VK) | 1 |
| **L** | **2050556003** | **Tune Up Kit** | |
| | 2050556063 | Blade Kit | 1 |
| 3 | | O-Ring | 1 |
| 11 | | O-Ring | 1 |
| 15 | | O-Ring | 1 |
| 17 | | O-Ring | 1 |
| 29 | | O-Ring | 1 |

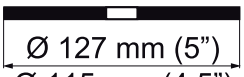
| | | | |
|---|---|---|---|
| | 6159948760 | SAFETY INSTRCUTIONS GRINDERS | 2050554983 REV01 04/2012 |
| | 2050554963 | OPERATOR'S MANUAL | |
| | 2050554983 | EC DECLARATION GRINDER | |

## ACCESSORIES INCLUDED

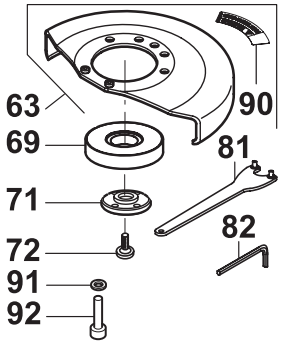
| CP3650-120AA5VK / CP3650-120AB5VK / CP3650-120AH5VK / CP3650-100AB6VK | Item | New part no | Qty | Description |
|---|---|---|---|---|
|   | 54 | 6153961660 | 1 | Silencer kit (59) |
| | 55 | 6155760660 | 1 | Vibration-damping side handle |
| | 59 | 6152630240 | 2 | Hose clamp |

| CP3650-120AA5 / CP3650-120AB5 / CP3650-120AA45 / CP3650-120AB45 | Item | New part no | Qty | Description |
|---|---|---|---|---|
|   | 58 | 6157040270 | 1 | 3/8” air hose nipple for 1/2” (13mm ) ID hose |
| | 59 | 6152630240 | 2 | Hose clamp |
| | 60 | 6158751130 | 1 | Exhaust hose |
| | 55 | 6155760660 | 1 | Vibration-damping side handle |

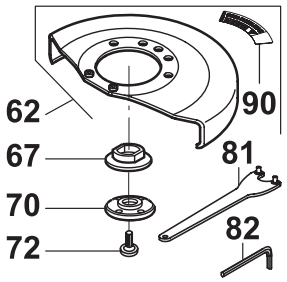
Type 27-42 and 41 wheel




Flap wheels
with depressed centre wheels

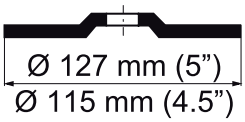



| CP3650-100B6VK | Item | New part no | Qty | Description |
|---|---|---|---|---|
| | 63 | 6155042020 | 1 | Multi-position guard 6” (Ø150mm) Autobalancer (90) |
| | 69 | 6159901810 | 1 | Autobalancer |
| | 71 | 6155020670 | 1 | Front flange |
| | 72 | 6156140760 | 1 | Safety screw |
| | 81 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 82 | 6158020570 | 1 | Hexagon wrench 1/4” A/F (6,35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |
| | 91 | 6156451420 | 2 | Washer |
| | 92 | 6156110320 | 2 | Screw |




| CP3650-120AA5 / CP3650-120AA45 | Item | New part no | Qty | Description |
|---|---|---|---|---|
| | 62 | 6155041970 | 1 | Multi-position guard 5” (Ø127mm) (90) |
| | 67 | 6155031340 | 1 | Rear flange |
| | 70 | 6155020660 | 1 | Front flange |
| | 72 | 6156140760 | 1 | Safety screw |
| | 81 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 82 | 6158020570 | 1 | Hexagon wrench 1/4” A/F (6,35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |

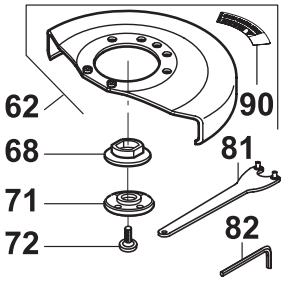
Type 27-42 and 41 wheel



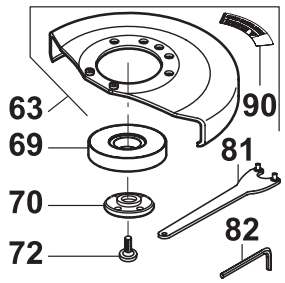
Flap wheels
with depressed centre wheels

FLAT

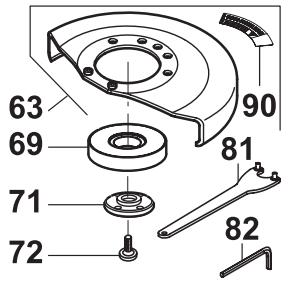
CURVED

| CP3650-120AB5 / CP3650-120AB45 | Item | New part no | Qty | Description |
|---|---|---|---|---|
|  | 62 | 6155041970 | 1 | Multi-position guard 5” (Ø127mm) (90) **CP3650-120AB5** |
| | 62 | 6155041980 | 1 | Multi-position guard 4,5” (Ø115mm) (90) **CP3650-120AB45** |
| | 68 | 6155031410 | 1 | Rear flange |
| | 71 | 6155020670 | 1 | Front flange |
| | 72 | 6156140760 | 1 | Safety screw |
| | 81 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 82 | 6158020570 | 1 | Hexagon wrench 1/4” A/F (6,35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |

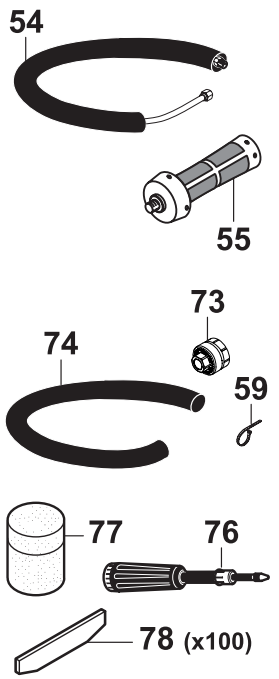


| CP3650-120AA5VK | Item | New part no | Qty | Description |
|---|---|---|---|---|
|  | 63 | 6155041930 | 1 | Multi-position guard 5” (Ø127mm) Autobalancer (90) |
| | 69 | 6159901810 | 1 | Autobalancer |
| | 70 | 6155020660 | 1 | Front flange |
| | 72 | 6156140760 | 1 | Safety screw |
| | 81 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 82 | 6158020570 | 1 | Hexagon wrench 1/4” A/F (6,35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |



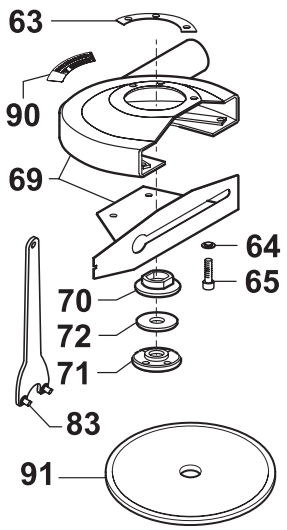
| CP3650-120AB5VK | Item | New part no | Qty | Description |
|---|---|---|---|---|
|  | 63 | 6155041930 | 1 | Multi-position guard 5” (Ø127mm) Autobalancer (90) |
| | 69 | 6159901810 | 1 | Autobalancer |
| | 71 | 6155020670 | 1 | Front flange |
| | 72 | 6156140760 | 1 | Safety screw |
| | 81 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 82 | 6158020570 | 1 | Hexagon wrench 1/4” A/F (6,35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |

## OPTIONAL ACCESSORIES




| Optional | Item | New part no | Qty | Description |
|---|---|---|---|---|
| | 54 | 6153961660 | 1 | Silencer kit |
| | 55 | 6155760660 | 1 | Vibration-damping side handle |
| | 59 | 6152630240 | 1 | Hose clamp |
| | 73 | 6153969570 | 1 | Clippable silencer |
| | 74 | 6158751160 | 1 | Reinforced cloth-lined exhaust hose L=30” (0.75mm) |
| | 76 | 6159901490 | 1 | Grease gun include 24g |
| | 77 | 6159901480 | 1 | Grease for bevel gear (1kg) |
| | 78 | 6154340640 | 1 | Blades kit (x100) |

**Ø127 (5”) : Diamond disc**




| Optional | Item | New part no | Qty | Description |
|---|---|---|---|---|
| | | **396.074** | **1** | **Assembly kit (64-65-69-70-71-72-83-84)** |
| | 63 | 656.157 | 1 | Gasket |
| | 64 | 6156451420 | 2 | Washer |
| | 65 | 616.99 | 2 | Screw |
| | 69 | 6153960760 | 1 | Guard complete (63-90) |
| | 70 | 6155031340 | 1 | Rear flange |
| | 71 | 6155020660 | 1 | Front flange |
| | 72 | 6156430740 | 1 | Washer |
| | 83 | 6158020100 | 1 | Pin wrench 1-3/8” (35mm) |
| | 90 | 6158727910 | 1 | Warning guard Label |
| | 91 | 6158049150 | 1 | Diamond disk Ø127 (5”) |