



Chicago
Pneumatic

Operator's Manual

CP7268

Sander



WARNING

To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions, as well as separately provided safety instructions part number 6159948770, before performing any such task.

Air Diagram:

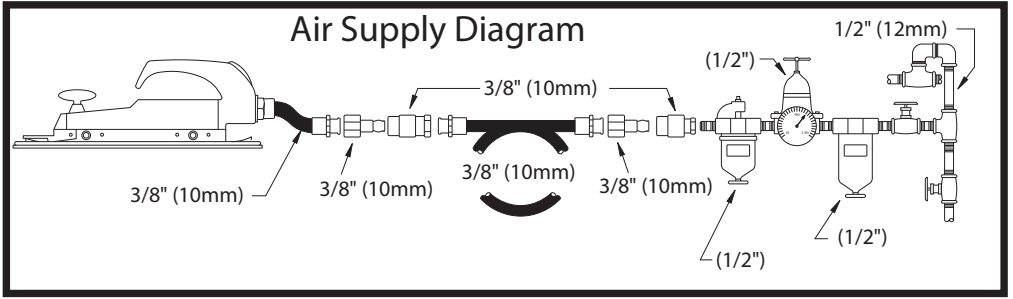


Fig. 01

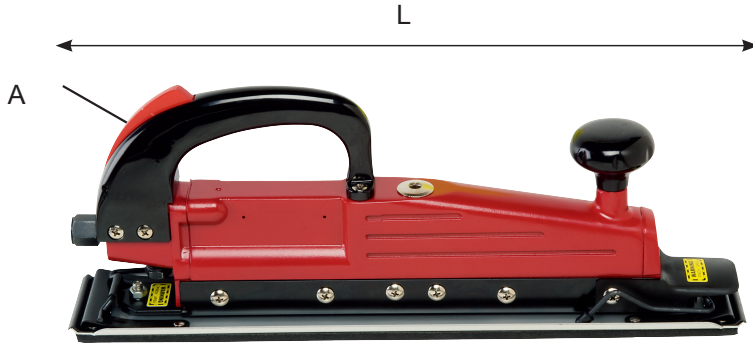


Fig. 02

| Model | Free Speed | Pad Size Lxw | Dimension L | | Weight | | Air Consumption | | Air Inlet | Inner Hose Dia. | | | Sound Pressure LpA | Sound Power LwA | Vibrations | |
|--------|--------------------------|---------------------|----------------|--------|--------|------|-------------------|-------------------|-----------|--------------------|--------|---------|--------------------------|-----------------------|---------------------|-----|
| | | | [mm] | [inch] | [Kg] | [lb] | At load | Average | | [mm] | [inch] | [mm] | | | [inch] | ahd |
| | [Strokes Per Minutes] | [mm] [inch] | [mm] | [inch] | [Kg] | [lb] | [L/min] [SCFM] | [l/min] [SCFM] | [inch] | [mm] | [inch] | [dB(A)] | [dB(A)] | [m/s ²] | [m/s ²] | |
| CP7268 | 2500 | 70x445 2.75x17.5 | 420 | 16.5" | 2.75 | 6.06 | 240 28 | 240 14 | 0.25" | 10 | 3/8" | 93 | 104 | 22 | 13.5 | |

1. Technical Data

| Model | Free speed | Pad size LxW | Dimension L | Weight | Air Consumption | | Air Inlet | | Inner Hose Dia. | | Sound pressure L_{pA} | Sound power L_{wA} | Vibrations | |
|-------|----------------|-----------------|----------------|-------------------|-------------------|---------|----------------|---------|--------------------|---------------------|----------------------------|-------------------------|------------|---|
| | | | | | Average | at load | | | | | | | a_{wv} | K |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | | | | |
| [SPM] | [mm] [inch] | [inch] [mm] | [kg] [lb] | [l/min] [SCFM] | [l/min] [SCFM] | [inch] | [inch] [mm] | [dB(A)] | [dB(A)] | [m/s ²] | [m/s ²] | | | |

max. pressure 6.3bar(90psi)

a_w : Vibration level, k Uncertainty ; L_{pA} Sound pressure dB(A), $K_{pA} = K_{wA} = 3$ dB Uncertainty.

Declaration of noise and vibration statement (ISO 15744 and ISO 28927-2)

All values are current as of the date of this publication.

These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user. We, CHICAGO PNEUMATIC TOOLS, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control. This tool may cause hand-arm vibration syndrome if its use is not adequately managed.

2. Machine type(s)

- This product is designed for removing material using abrasives. No other use permitted. For professional use only.
- Please read the instructions carefully before starting the machine.

3. Operation

- Fix the accessories properly to the tool.
- Connect device as shown in Fig. 01.
- To start the machine, pull the trigger (A). Machine speed is increase by increasing pressure on the trigger. Release the trigger to stop.
- To apply sanding strip, raise each lever on the end of sanding shoe. Place one end of paper under clamp and lock lever. Pull paper firmly over sanding shoe and secure clamp.

4. Lubrication

Use an air line lubricator with SAE #10 oil, adjusted to two drops per minute. If an air line lubricator cannot be SAE, add air motor oil to the inlet once a day.

Recommended lubricant : CP Oil PROTECTO-LUBE

- 4 oz (0.12l) P/N: CA149661
- 20.8 oz (0.591l) P/N: CA000046
- 1gal (3.8l) P/N: P089507

5. Maintenance instruction

Follow local country environmental regulations for safe handling and disposal of all components.

- Maintenance and repair work must be carried out by qualified personnel using only original spare parts. Contact the manufacturer or your nearest authorised dealer for advice on technical service or if you require spare parts.
- Always ensure that the machine is disconnected from energy source to avoid accidental operation.
- Disassemble and inspect the tool every three 3 months if the tool is used every day. Replace damaged or worn parts.
- High wear parts are underlined in the parts list.

6. Disposal

- The disposal of this equipment must follow the legislation of the respective country.
- All damaged, badly worn or improperly functioning devices MUST BE TAKEN OUT OF OPERATION.
- Repair only by technical maintenance staff.**

7. EC Declaration of conformity

Machine type(s): **Air sander**

Declare that the product(s): **CP7268**

Serial Number: **001-999**

Origin of the product : **Taiwan**

is in conformity with the requirements of the council Directives on the approximation of the laws of the Member States relating to "Machinery" **2006/42/EC (17/05/2006)**

applicable harmonised standard(s) : **EN ISO 11448-8:2011**

Name and position of issuer : **Pascal Roussy (R&D Manager)**



Place & Date : Saint-Herblain, **04/06/2016**

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WARNING

To reduce risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near this tool must read and understand these instructions before performing any such task.

SAFETY INSTRUCTIONS

• DO NOT DISCARD - GIVE TO USER

- Our goal is to produce tools that help you work safely and efficiently. The most important safety device for this or any tool is YOU. Your care and good judgement are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones.
- Only qualified and trained operators should install, adjust or use this power tool.
- This tool and its accessories must not be modified in any way.
- Do not use this tool if it has been damaged.
- If the rated speed, operating pressure or hazard warning signs on the tool cease to be legible or become detached, replace without delay.

▲ Air supply and connection hazards

- Air under pressure can cause severe injury.
- Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
- Never direct air at yourself or anyone else.
- Whipping hoses can cause severe injury. Always check for damaged or loose hoses and fittings.
- Do not use quick disconnect couplings at tool. See instructions for correct set up.
- Whenever universal twist couplings are used, lock pins must be installed.
- Do not exceed maximum air pressure of 6.3 bar / 90 psig, or as stated on tool nameplate.

▲ Entanglement hazards

- Keep away from moving sand pad. Note that the abrasive will continue to run after the start valve has closed; for dual action sanders, this can last several seconds.
- Choking, scalping and / or lacerations can occur if loose clothing, gloves, jewellery, neck ware and hair are not kept away from tool and accessories.

▲ Projectile hazards

- Failure of the accessory or abrasive, or of the workpiece, can generate high-velocity projectiles. Even small projectiles can injure eyes and cause blindness.
- Always wear impact-resistant eye and face protection when involved with or near the operation, repair or maintenance of the tool or changing accessories on the tool.
- Be sure all others in the area are wearing impact-resistant eye and face protection
- Daily measure the speed of a rotary sander or polisher with a tachometer to make sure that it is not greater than the RPM marked on the backing pad, drum or abrasive.
- Ensure that the backing pad / abrasive is securely clamped to the sander using the tools provided.

- Ensure that the workpiece is securely fixed.

▲ Accessory hazards

- Always shut off air supply, relieve hose of air pressure and disconnect tool from air supply when changing accessories.
- Use only recommended sizes and types of accessories and consumables.
- Never use a backing pad, drum or abrasive with a permitted speed lower than the air sander speed.
- Never mount a grinding or cutting-off wheel on a sander. A grinding wheel that bursts can cause very serious injury or death when not properly guarded.
- Use only coated abrasive sanding discs or sheets properly secured to the backing pad provided with the air sander. Ensure that self-fixing sanding discs are mounted concentrically.

▲ Operating hazards

- Operators and maintenance personnel must be physically able to handle the bulk, weight and power of the tool.
- Hold the tool correctly: be ready to counteract normal or sudden movements – have both hands available.
- You can be cut, pinched or burned if you come into contact with the sanding pad, abrasive or the work surface. Avoid contact and wear suitable gloves to protect hands.
- Inspect backing pad before each use. Do not use if cracked or broken, or if it has been dropped.
- Never run the tool unless the abrasive is applied to the workpiece.
- There is a risk of electrostatic discharge if used on plastic and other non-conductive materials.
- When using a tool that is designed to have a guard, the guard should be in place to offer protection from grinding swarf and other debris.

▲ Repetitive motion hazards

- When using a power tool to perform work-related activities, the operator might experience discomfort in the hands, arms, shoulders, neck, or other parts of the body.
- Adopt a comfortable posture whilst maintaining secure footing and avoiding awkward or off-balance postures. Changing posture during extended tasks can help avoid discomfort and fatigue.
- Do not ignore symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensation, or stiffness. Stop using the tool, tell your employer and consult a physician.

▲ Noise and vibration hazards

- High sound levels can cause permanent hearing loss and other problems such as tinnitus. Use hearing protection as recommended by your employer or occupational health and safety regulations.
- Exposure to vibration can cause disabling damage to the nerves and blood supply of the hands and arms. Wear warm clothing and keep your hands warm and dry. If numbness, tingling, pain or whitening of the skin occurs, stop using tool, tell your employer and consult a physician.
- Hold the tool in a light but safe grip because the risk from vibration is generally greater when the grip force is higher. Where possible support the weight of the tool with a balancer.
- To prevent unnecessary increases in noise and vibration levels:
 - Operate and maintain the tool, and select, maintain and replace the accessories and consumables, in accordance with this instruction manual;
 - Use damping materials to prevent workpieces from "ringing".

Workplace hazards

- Slip/Trip/Fall is a major cause of serious injury or death. Be aware of excess hose left on the walking or work surface.
- Avoid inhaling dust or fumes or handling debris from the work process which can cause ill health (for example, cancer, birth defects, asthma and/or dermatitis). Use dust extraction and wear respiratory protective equipment when working with materials which produce airborne particles.
- Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Some examples of these chemicals are:
 - Lead from lead based paints
 - Crystalline silica bricks and cement and other masonry products
 - Arsenic and chromium from chemically-treated rubber
- Your risk from these exposures varies, depending on how often you do this type of work.
- To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.
- Proceed with care in unfamiliar surroundings. Hidden hazards may exist, such as electricity or other utility lines.
- Potentially explosive atmospheres can be caused by dust and fumes resulting from sanding or grinding. Always use dust extraction or suppression systems which are suitable for the material being processed.
- This tool is not intended for use in potentially explosive atmospheres and is not insulated from coming into contact with electric power.

(4) declare that the product(s):

PNEUMATIC SANDERS & POLISHERS

(5) Machine type(s) :

| | |
|--|---|
| (6) Origin of the product (Fr) Origine du produit | Chicago Pneumatic Brand |
| Taiwan | CP7268, CP864 CP870, CP7858 CP7859, CP873 |
| Japan | CP858, CP778 |
| (6) Origin of the product (Fr) Origine du produit | RediPower Brand |
| Taiwan | RP9779, RP9777, RP9166 RP3600, RP3601, RP3602, RP3603, RP3604, RP3605, RP3610, RP3611, RP3612, RP3613, RP3614, RP3615, RP3620, RP3621, RP3622, RP3623, RP3624, RP3625 RP3510, RP3511, RP3512, RP3513, RP3514, RP3515 RP9775, RP9776, RP9778, RP9779, RP9780 |

Serial #: See on tool document

(7) is in conformity with the requirements of the council Directives on the approximation of the laws of the Member States relating :

(8) to "**Machinery**" 2006/42/EC (17/05/2006)

(11) applicable harmonised standard(s) : EN ISO 11148-8:2011

(12) NAME and POSITION of issuer :

Bruno BLANCHET
(General Manager)

(13) Place & Date : Saint-Herblain, **29/06/2012**



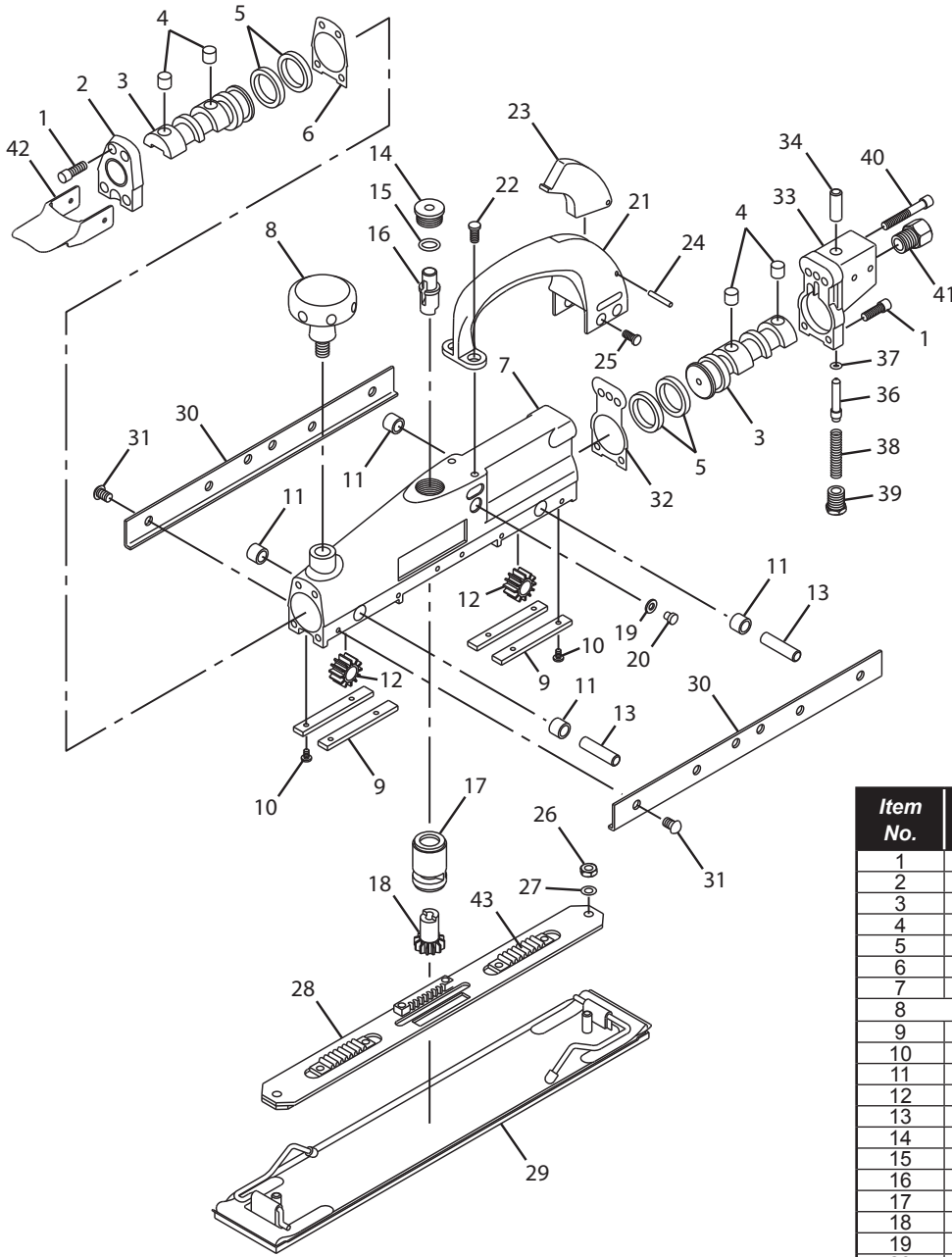
Vibration levels

| SANDER / POLISHER | Part # | ISO 28927-3 (3 axis) | | ISO 8662-8 (1 axis) | ISO 15744 | |
|---|--------------------------|---------------------------|----------------------|------------------------|----------------|----------------|
| | | a_{hd} m/s ² | K m/s ² | a_h m/s ² | L_{pA} dB(A) | L_{WA} dB(A) |
| Models CP7201 RP9777 | 8941072014 6151939777 | <2,5 | | <2,5 | 88 | 99 |
| CP7268 | 8941072680 | 22,0 | 13,5 | 19 | 93 | 104 |
| CP864 | 8941008641 | 4,0 | 3,6 | <2,5 | 86 | 97 |
| RP9779 | 6151939779 | <2,5 | | <2,5 | 90,5 | 101,5 |
| RP9534 | 6151939534 | 2,6 | 1,1 | <2,5 | 83 | 94 |
| RP9674 | 6151939674 | 2,5 | 1,2 | <2,5 | 83 | 94 |
| RP9166 | 6151939166 | <2,5 | | <2,5 | 80 | 91 |
| CP858 | T025179 | <2,5 | | <2,5 | 93 | 104 |
| RP9779 | 6151939779 | <2,5 | | <2,5 | 90,5 | 101,5 |
| CP7858 | 8941078580 | <2,5 | | <2,5 | 90,5 | 101,5 |
| RP9780 | 6151939780 | <2,5 | | <2,5 | 90,5 | 101,5 |
| CP7859 | 8941078590 | <2,5 | | <2,5 | 90 | 101 |
| RP9778 | 6151939778 | <2,5 | | <2,5 | 90 | 101 |
| CP778 | T023048 | <2,5 | | <2,5 | 99,5 | 110,5 |
| CP7202 | 8941072021 | <2,5 | | <2,5 | 85 | 96 |
| RP9776 | 6151939776 | <2,5 | | <2,5 | 85 | 96 |
| CP7200 | 8941072001 | 5,9 | 2 | 7,1 | 86 | 97 |
| RP9775 | 6151939775 | <2,5 | | <2,5 | 86 | 97 |
| CP870 | T023990 | 13,6 | 4,3 | 6,2 | 85 | 96 |
| CP7225, CP7225SV, CP7225CV | | <2,5 | | <2,5 | 81 | 92 |
| CP7225E, CP7225SVE, CP7225CVE | | <2,5 | | <2,5 | 81 | 92 |
| CP7255, CP7255SV, CP7255CV | | 4,1 | 2,4 | <2,5 | 81 | 92 |
| CP7255E, CP7255SVE, CP7255CVE | | 3,3 | 1,6 | <2,5 | 81 | 92 |
| CP7215, CP7215SV, CP7215CV | | 4,9 | 3,4 | <2,5 | 81 | 92 |
| CP7215E, CP7215SVE, CP7215CVE | | 4,9 | 3,4 | <2,5 | 81 | 92 |
| RP3600, RP3601, RP3602, RP3603, RP3604, RP3605 | | 2,7 | 1,3 | <2,5 | 81 | 92 |
| RP3610, RP3611, RP3612, RP3613, RP3614, RP3615 | | 2,4 | 1,1 | <2,5 | 81 | 92 |
| RP3620, RP3621, RP3622, RP3623, RP3624, RP3625 | | 4,1 | 1,4 | <2,5 | 81 | 92 |
| RP3510, RP3511, RP3512, RP3513, RP3514, RP3515 | | 3 | 1,3 | <2,5 | 81 | 92 |
| CP7225-3, CP7225E-3, CP7225CVE-3 | | 2,5 | 1,3 | <2,5 | 76 | 87 |
| CP7255-3, CP7255E-3, CP7255CVE-3 | | 4,4 | 1,5 | <2,5 | 76 | 87 |
| CP7255H | | 5,4 | 2,4 | <2,5 | 81 | 92 |
| CP7255HE, CP7255HCVE | | 3,1 | 5,2 | <2,5 | 81 | 92 |
| CP7215H, CP7215HE, CP7215HCVE | | 4,4 | 2,8 | <2,5 | 81 | 92 |
| CP873 | | 4,9 | 3,8 | <2,5 | 98 | 109 |

a_{hd}, a_h : Vibration levels

L_{pA} : Sound pressure level, Niveau de

$K_{pA} = K_{WA} = 3dB$ Uncertainty, Incertitude



| | | |
|--|------------|---------------------|
| | 8940173861 | Operator's Manual |
| | 6158727980 | Warning label |
| | 6159948700 | Safety Instructions |

Spare parts without part number are not sold separately

| Item No. | Part No. | Description | Q'ty |
|----------|------------|---------------------------|------|
| 1 | 8940163266 | Screw | 6 |
| 2 | 8940163267 | Front Cap | 1 |
| 3 | 8940163268 | Piston | 2 |
| 4 | 8940163269 | Plug | 4 |
| 5 | 8940163270 | Piston Ring | 4 |
| 6 | 8940163271 | Front Gasket | 1 |
| 7 | 8940163272 | Body | 1 |
| 8 | 8940163273 | Knob | 1 |
| 9 | 8940163274 | Wear Plate | 4 |
| 10 | 8940163275 | Screw | 5 |
| 11 | 8940163276 | Bearing | 4 |
| 12 | 8940163277 | Gear | 2 |
| 13 | 8940163278 | Gear Shaft | 2 |
| 14 | 8940163279 | Plunger | 1 |
| 15 | 8940163280 | O-Ring | 1 |
| 16 | 8940163281 | Adj. Shaft | 1 |
| 17 | 8940163282 | Actuator Valve | 1 |
| 18 | 8940163283 | Actuator Gear | 1 |
| 19 | 8940163284 | Washer | 1 |
| 20 | 8940163285 | Screw | 1 |
| 21 | 8940163286 | Handle | 1 |
| 22 | 8940163287 | Screw | 2 |
| 23 | 8940163288 | Trigger | 1 |
| 24 | 8940163289 | Pin | 1 |
| 25 | 8940163290 | Screw | 4 |
| 26 | 8940163291 | Hex. Nut | 2 |
| 27 | 8940163292 | Washer | 2 |
| 28 | 8940163293 | Carrier | 1 |
| 29 | 8940163294 | Pad Assembly | 1 |
| 30 | 8940163295 | Side Strap | 2 |
| 31 | 8940163296 | Screw | 12 |
| 32 | 8940163297 | Rear Gasket | 1 |
| 33 | 8940163298 | Rear Cap | 1 |
| 34 | 8940163299 | Bushing | 1 |
| 36 | 8940163300 | Valve Pin | 1 |
| 37 | 8940163301 | O-Ring | 1 |
| 38 | 8940163302 | Valve Spring | 1 |
| 39 | 8940163303 | Valve Plug | 1 |
| 40 | 8940163304 | Screw | 1 |
| 41 | 8940163305 | Hose Adapter | 1 |
| 42 | 8940163581 | Cover Carrier | 1 |
| 43 | KF127245 | Piston Rack with 2 rivets | 1 |