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If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

7683_Instructions_V2

Guarantee

This item contains consumable elements and are **NOT** covered by the Tool Connection Guarantee. For spares contact our service department direct on: +44 (0) 1926 818186.



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LASER[®]

7683

Pneumatic Spot Repair Sander



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Pneumatic Spot Repair Sander

The Laser Tools spot repair orbital sander and polisher is a compact but powerful air tool that is powered from the workshop compressed air supply (recommended pressure 90psi at the tool). It is supplied as part of a comprehensive kit that includes three different sized sanding pads, two foam polishing heads and two lambswool polishing heads.

The speed of the spot repair sander can be easily adjusted on the instrument.

Additionally an excellent selection of abrasive sanding discs (in the three sizes) is included (120, 180, 320, 600, 1000, 1500 grit). Consumables are available.

Components

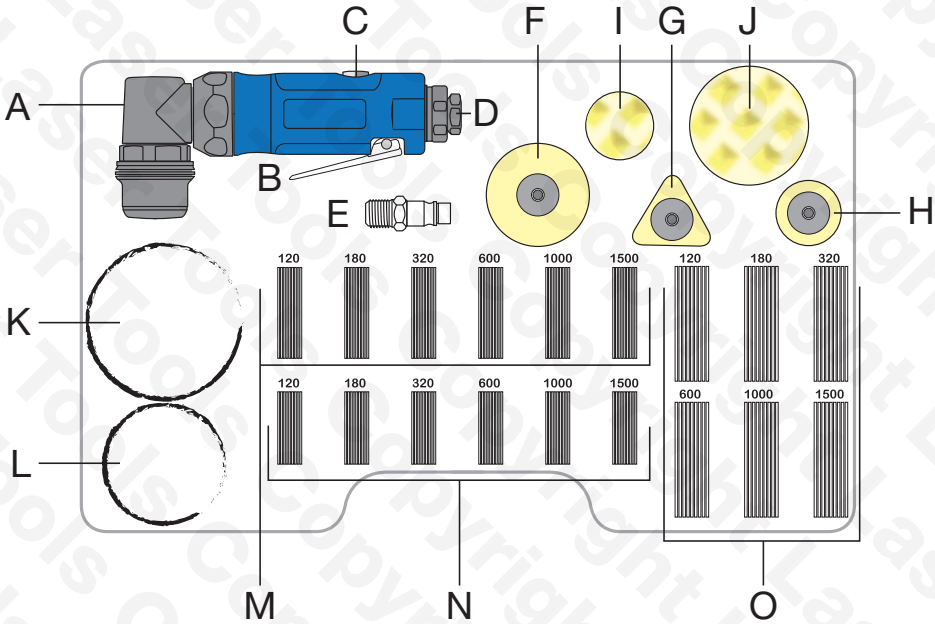


Fig 1

A	Sander	I	Foam polishing pad 30mm (1.2")
B	Trigger	J	Foam Polishing pad 48mm (2")
C	Speed control	K	Lambswool polishing head 48mm (2")
D	Air inlet	L	Lambswool polishing head 30mm (1.2")
E	Air line adaptor (Euro)	M	Triangular pad sanding discs
F	Pad 48mm (2")	N	Sanding discs 30mm (1.2")
G	Triangular detail pad	O	Sanding discs 48mm (2")
H	Pad 30mm (1.2")		

Consumables Available

Part Number	Description
61109	2" Velcro Pad - 1pc
61110	1.2" Velcro Pad - 1pc
61111	Triangle mini Velcro Pad - 1pc
61112	2" Wool Pad - 1pc
61113	1.2" Wool Pad - 1pc
61114	2" Polishing Pad - 1pc
61115	1.2" Polishing Pad - 1pc
61116	2" 120# Sandpapers - 10pc
61117	2" 180# Sandpapers - 10pc
61118	2" 320# Sandpapers - 10pc
61119	2" 600# Sandpapers - 10pc
61120	2" 1000# Sandpapers - 10pc
61121	2" 1500# Sandpapers - 10pc
61122	Triangle mini 120# Sandpapers - 10pc
61123	Triangle mini 180# Sandpapers - 10pc
61124	Triangle mini 320# Sandpapers - 10pc
61125	Triangle mini 600# Sandpapers - 10pc
61126	Triangle mini 1000# Sandpapers - 10pc
61127	Triangle mini 1500# Sandpapers - 10pc
61128	1.2" 120# Sandpaper - 10pc
61129	1.2" 180# Sandpapers - 10pc
61130	1.2" 320# Sandpapers - 10pc
61131	1.2" 600# Sandpapers - 10pc
61132	1.2" 1000# Sandpapers - 10pc
61133	1.2" 1500# Sandpapers - 10pc

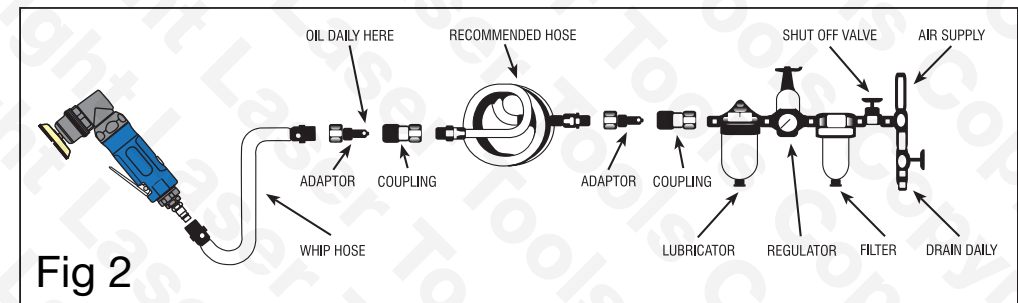
Operation

Compressed air supply:

The tool must be connected to a suitable, clean, dry and lubricated workshop air supply (refer to **Figure 2**, this is the recommended workshop air supply procedure). It is recommended that the air pressure measures 90psi at the tool while running free. Water in the air line will damage the tool. Drain the air tank daily and drain any dryer/filter unit when necessary.

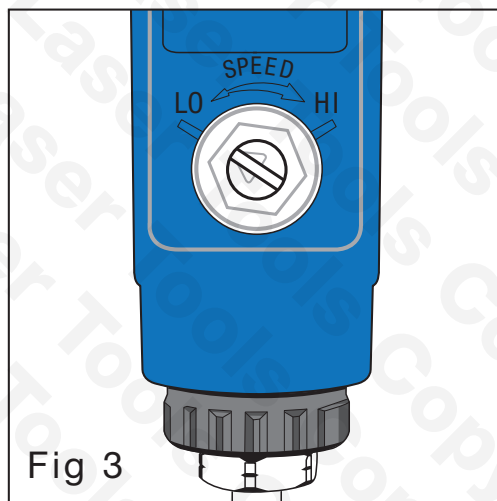
Lubrication: For first use of the tool, add a few drops of light machine oil to the compressed air line connection. In use, if an in-line oiler is not installed, add a few drops of light machine oil daily. Adequate lubrication will help to ensure long tool service life.

When tool is not in use, disconnect from compressed air supply.



Regulating the speed:

Refer to **Figure 3**: using a flat-bladed screwdriver or similar, adjust the air pressure and therefore the speed of the instrument by turning the speed control towards LO or HI. Lower speeds are recommended for detail work using the smaller pads or triangular detail pad.

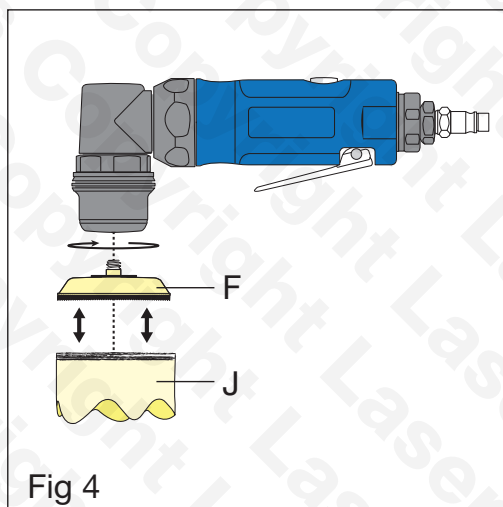


Attachments:

Refer to **Figure 1** and **Figure 4**: the sanding pads (**F**, **G** or **H**) are simply screwed onto the head of the tool.

For sanding, the correctly sized sanding disc is applied directly onto the sanding pad.

For polishing, the foam polishing pad (**I** or **J**), or lambswool polishing head (**K** or **L**), is applied directly onto the appropriate sanding pad.



Specifications

Weight	0.5kg (1.1 lbs)
Length	155mm (6.1")
RPM	13,000
Air inlet	1/4"
Average air consumption	2.6 ft ³ /min

Safety Precautions

- **Eye and face protection plus heavy work gloves and suitable work clothing must be used. Never wear loose clothing or jewellery that could be trapped by moving parts.**
- **Dust hazard:** a suitable-grade dust mask or respirator **must be used** for any dust-generating operations, particularly on glassfibre substrates.
- **Vibration hazard:** exposure to vibration can cause damage to nerves and blood supply of the hands and arms. If you experience numbness, tingling, pain or whitening of the skin in fingers or hands, stop using the tool immediately.
- **Noise hazard:** unprotected exposure to high noise levels can cause hearing loss and tinnitus (ringing or buzzing in the ears). Wear suitable ear protection as required by occupational health and safety regulations.
- Do not attempt to remove or change a sanding pad until the tool has been disconnected from the compressed air supply.
- Never carry an air tool by the hose.
- Keep the instrument clean and well-maintained. Store in case when not in use.

