



Speedglas™
Welding Safety

3M™ Speedglas™ Welding Helmet G5-03 Pro/Pro Air

To increase the effective lifetime of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to help ensure intended degree of protection. Below is a helpful overview; always read and follow User Instructions.



Before use

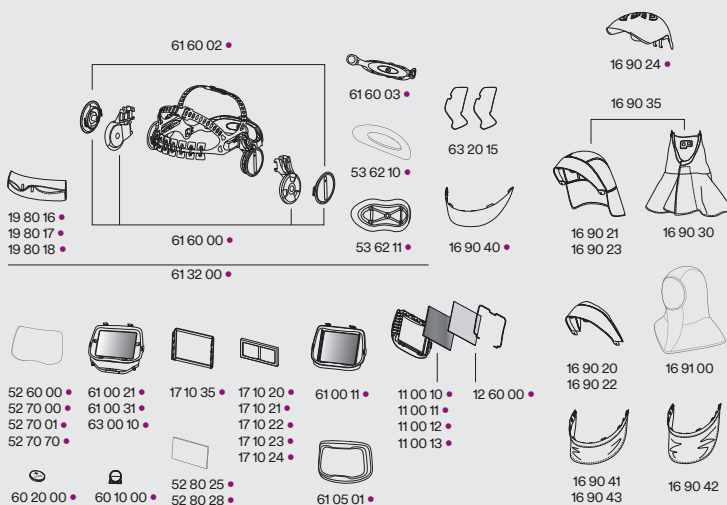
- 1 **Helmet and headband.** Inspect for cracks or any damaged parts. Replace if needed.
- 2 **Protection plates (inner and outer).** To help provide the best possible vision, they should be clean and without scratches.
- 3 **Face seal.** If the face seal is damaged, there is a risk that contaminated air will get inside the helmet. Verify it's in place and free from splits and tears.
- 4 **Welding filter.** Ensure that the low battery indicator is not flashing and check that the sensors are clean and uncovered.
- 5 **Breathing tube.** Confirm that the tube is undamaged and not leaking any air. To extend the life of the breathing tube, use a tube cover or

After use

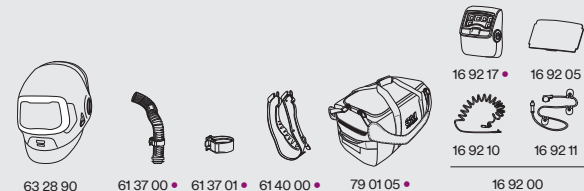
- 1 **Clean the helmet.** Wipe with a moist tissue or cloth, both inside and outside the helmet. DO NOT rinse, immerse in water, or clean with solvents.
- 2 **Face seal and sweatband.** Remove for additional cleaning as needed and replace if they have splits or tears or whenever they become unhygienic.
- 3 **Protection plates (inner and outer).** Clean with a soft cloth and replace if any pits or scratches occur.
- 4 **Breathing tube.** If you suspect that the inside of the breathing tube is dirty, it must be changed. Replace if damaged, deformed or leaking any air.
- 5 **Storage.** Store the helmet in a dry, clean area away from direct sunlight, high temperatures and solvents.

Spare parts, consumables and accessories

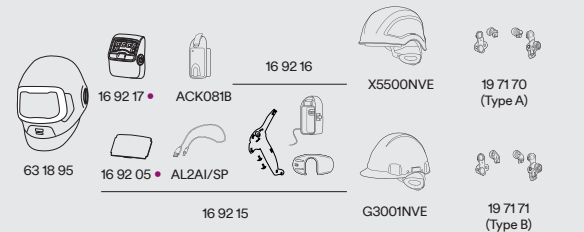
Common for G5-03 Pro and G5-03 Pro Air



G5-03 Pro Air only



G5-03 Pro only



Part No	Description	Part No	Description	Part No	Description	Part No	Description
11 00 10	Passive welding filter lens shade 10 (90×110)	16 92 05	Protection plate for task light, pkg. of 5	19 80 16	Sweatband (towel), pkg. of 3	61 37 00	Air duct breathing tube (short) incl. holder
11 00 11	Passive welding filter lens shade 11 (90×110)	16 92 10	Long power cable for task light	19 80 17	Sweatband (fleece cotton), pkg. of 3	61 37 01	Holder for breathing tube
11 00 12	Passive welding filter lens shade 12 (90×110)	16 92 11	Short power cable for task light	19 80 18	Sweatband (leather)	61 40 00	Face seal
11 00 13	Passive welding filter lens shade 13 (90×110)	16 92 15	Task light kit (light, cable, holder with cable & battery)	52 60 00	Outer protection plate (standard), pkg. of 10	61 60 00	Pivot and sliding mechanism, including pivot knobs
12 60 00	Inner cover plate for passive filter	16 92 16	Welding Helmet Task Light holder for battery with attachment parts	52 70 00	Outer protection plate (scratch), pkg. of 10	61 60 02	Pivot knobs
16 90 20	Head protection in fabric	16 92 17	Task light	52 70 01	Outer protection plate (scratch +), pkg. of 10	61 60 03	Headband back part
16 90 21	Head protection fluorescent yellow	16 92 23	Pouch for Adflo battery, for task light when using supplied air regulator (not shown)	52 70 02	Outer protection plate (heat), pkg. of 10	63 00 10	Speedglas welding filter G5-03NC
16 90 22	Head protection in leather	17 10 20	Magnifying lens 1.0X	52 80 25	Inner cover plate, pkg. of 5	63 18 95	Helmet shell G5-03 Pro, no headband
16 90 23	Head protection in fabric (large)	17 10 21	Magnifying lens 1.5X	53 62 10	Cushion part for headband G5-01/03	63 20 15	Sidewindow cover plates
16 90 24	Scrape guard G5-01/03	17 10 22	Magnifying lens 2.0X	53 62 11	Large head rest	63 28 90	Helmet shell G5-03 Pro Air, no headband
16 90 30	Shroud	17 10 23	Magnifying lens 2.5X	60 10 00	Battery holder	79 01 05	Carry Bag
16 90 35	Extended cover kit (shroud and large head cover in fabric)	17 10 24	Magnifying lens 3.0X	60 20 00	Battery CR2450N	83 40 18	Flame resistant breathing tube cover (recommended when using the task light; not shown)
16 90 40	Neck protection rigid	17 10 35	Magnifying lens holder	61 00 11	Speedglas passive welding filter kit G5-01/03 (shade 11)	ACK081B	Rechargeable Battery
16 90 41	Neck protection in fabric (small)	19 71 70	Safety Helmet Adaptor G5-03 Pro for X5500NVE	61 00 21	Speedglas welding filter G5-01/03TW	AL2AI/S	Battery Charging cable for ACK081
16 90 42	Neck protection in fabric (large)	19 71 71	Safety Helmet Adaptor G5-03 Pro for G3001NVE and H-701T-SF	61 00 31	Speedglas welding filter G5-01/03VC	G3001NVE	3M™ Safety Helmet G3001 (non-vented)
16 91 00	Protective hood black/grey			61 05 01	Front frame G5-01/03	X5500NVE	3M™ Safety Helmet X5500NVE (non-vented)
16 92 00	Task light, incl. mounting parts and cables			61 32 00	Headband with assembly parts		

(•) A purple dot marks common parts with G5-01



Respiratory Protection Products: These respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standards Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Improper use may result in injury, illness or death. For correct use, see supervisor or User Instructions, or call 3M PSD Technical Service in USA at 1-800-243-4630 and in Canada at 1-800-267-4414.

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