



3M™ Speedglas™ Heavy Duty Welding Helmet G5-01

To optimize 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.



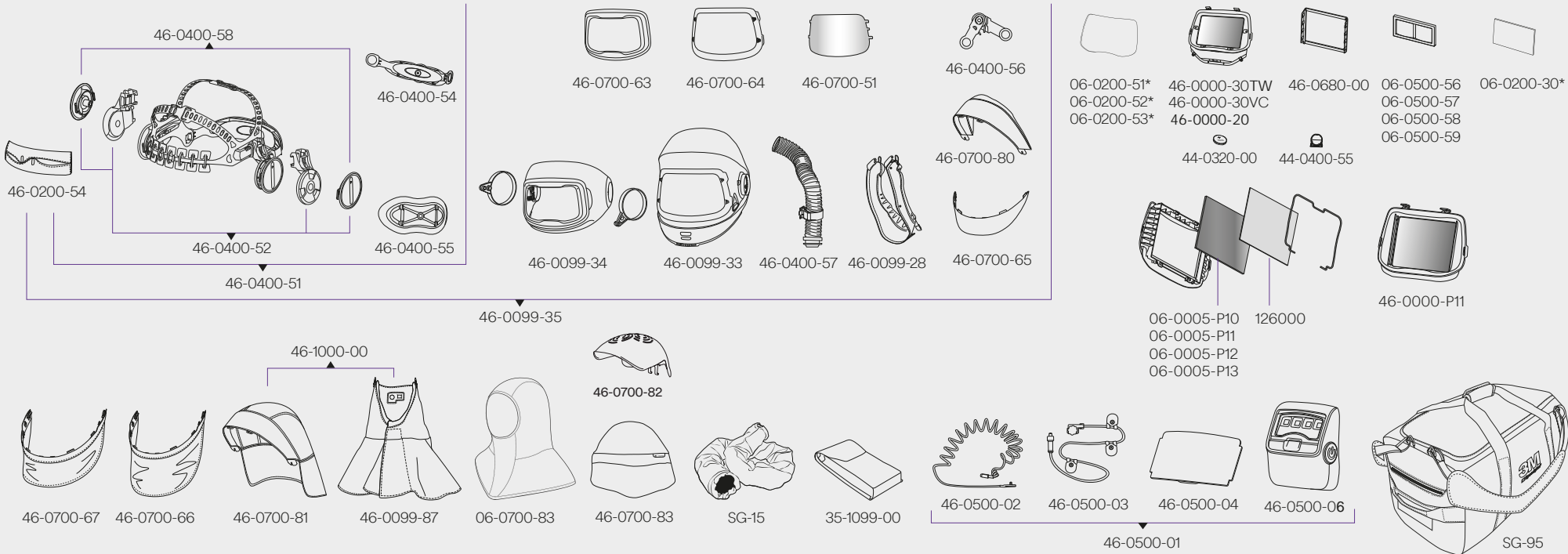
Before use

- ① **Helmet and headband.** Inspect for cracks or any damaged parts. Replace if needed.
- ② **Protection plates.** 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 a heavy-duty breathing tube.
- ⑥ **Headcover.** Verify it's in place and free from splits and tears.

After use

- ① **Clean the helmet.** Wipe with a moist tissue or cloth, both inside and outside the helmet. If you suspect that the inside of the breathing tube is dirty, it must be replaced. 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 and visor plate.** Clean with a soft cloth and replace if any pits or scratches occur.
- ④ **Breathing tube.** 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 and consumables



Part No	Description	Part No	Description	Part No	Description
46-0700-80	Fabric head cover	06-0005-P12	Replacement passive welding lens, shade 12, 2/CS	46-0000-30TW	Speedglas welding filter G5TW
46-0700-67	Leather neck cover	06-0005-P13	Replacement passive welding lens, shade 13, 2/CS	46-0000-30VC	Speedglas welding filter G5VC
46-0700-66	Large fabric neck cover	126000	Inner cover plate for passive filter	46-0000-20	Speedglas welding filter G5NC
46-1000-00	1000 APF kit	46-0000-P11	Passive welding filter assembly, shade 11	46-0099-34	Outer flip-up welding shield with hinge mech, pivot ring, and outer welding visor frame
46-0700-81	Large fabric head cover	46-0700-65	Rigid neck cover	46-0700-63	Outer welding visor frame
46-0099-87	Large neck shroud	06-0500-56	Magnifying lens 1.5X	46-0700-64	Inner grinding visor frame
06-0700-83	Welding full hood	06-0500-57	Magnifying lens 2.0X	46-0099-33	Inner shield with airduct and airflow controls (including visor frame)
46-0700-83	Large high-visibility head cover	06-0500-58	Magnifying lens 2.5X	46-0700-51	Inner grinding visor, anti-fog and hardcoat, 5/CS
SG-15	Flame-resistant breathing tube cover (recommended when using the task light)	06-0500-59	Magnifying lens 3.0X	46-0400-51	Head suspension assembly
35-1099-00	Task light battery pouch for use with supplied air regulator (utilizes Adflo battery which is not included)	46-0680-00	Magnifying lens holder	46-0400-57	Airduct breathing tube, with holder
46-0500-01	Task light, including mounting parts and cables	46-0400-56	Hinge mechanism, 2/CS	46-0099-28	Face seal
46-0500-02	Long power cable for task light	46-0200-54	Sweatband, 3/CS	46-0400-52	Pivot and sliding mechanism, including pivot knobs
46-0500-03	Short power cable for task light	06-0200-51*	Outer protection plate (standard), 10/CS	46-0400-58	Pivot knob, 1/CS
46-0500-04	Protection plate for task light, 5/CS	06-0200-52*	Outer protection plate (scratch), 10/CS	46-0400-54	Head suspension ratchet assembly
46-0500-06	Task light, no cables	06-0200-53*	Outer protection plate (high temp), 10/CS	SG-95	G5-Series carry bag
06-0005-P10	Replacement passive welding lens, shade 10, 2/CS	06-0200-30*	Inside protection plate, 5/CS	46-0099-35	Welding helmet G5-01, without welding filter
06-0005-P11	Replacement passive welding lens, shade 11, 2/CS	46-0400-55	Large comfort head rest	46-0700-82	Scrape Guard G5
		44-0400-55	Battery holder		
		44-0320-00	Battery CR2450		

* Bulk case quantities available



Warning: 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. Follow all local regulations. In the U.S., a written respiratory protection program must be implemented meeting all the requirements of OSHA 29 CFR 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. Misuse may result in sickness or death. For correct use, consult supervisor and User Instructions, or call 3M Personal Safety Division (PSD) Technical Service in the U.S.A. at 1-800-243-4630. In Canada, call 1-800-267-4414.