

BRG-600

Blind Rivet Gun

20v - Lithium ion Battery Operated

















Manual



This battery-operated rivet gun is designed for the collision repair industry and has the pull force of **6200 lbs.** of pull force and work with 1/4 to 5/16 rivets. This rivet gun will be compliant with Ford, GM, Volvo, Mercedes, Tesla, Subaru and many other OE manufactures. The rivet tool is light weight and even balance and is perfect for the collision repair industry. Gun comes with 6 included nose pieces and stores easily sturdy blow molded hard case for easy storage and includes 1 Lithium ion 20V / 2AH battery.

Features

- Includes (3) - 5/16 (7.8mm) nose piece (1) Flat, (1) Extended and (1) Monobolt
- Includes (3) - 1/4 (6.4mm) nose piece (1) Flat, (1) Extended and (1) Monobolt
- Include mandrel collector
- 20V Li-Ion Battery w/ LED Battery life level gauge
- Battery Charger (60-minute recharge time)
- Battery has 2.0Ah
- **6,200 Pull force lbs.**
- 7/8 pin stroke
- Brushless tool for long life
- Rivet gun with battery @ 4.0 lbs
- Includes tool clip and hook
- 1 Year warranty

	GAT-BRG-600-125-EX		Nose Piece Extended 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-125-F		Nose Piece Flat 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-125-MB		Nose Piece Monobolt 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-516-EX		Nose Piece Extended 5/16 - 7.8mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-516-F		Nose Piece Flat 5/16 - 7.8mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-516-MB		Nose Piece Monobolt 5/16 - 7.8mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-B		20V Lithium ion Battery - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-C		20v Battery charger for BRG-600 Blind Rivet Gun

Safety

- Always wear your protective eye gear and gloves while using this tool
- Set Working air pressure between 80-90 psi.
- It is recommended that this tool be repaired by qualified professionals
- Inspect tool prior to each use
- Always disconnect air supply prior to any maintenance or repairs
- Read manual prior to operations and repairs
- Inspect and replace batteries as needed & Dispose of batteries properly

Maintenance

- Inspect prior to each use
- Take out of service if repairs are required
- Check Jaws and grips after 1,000 rivets pulled
- Shut off air prior to inspection
- Empty mandrel collector after each use
- Disassemble nose piece by hand no tools required
- Pull lock back and screw off jaw set to replace and clean jaws
- Clean jaws and grips periodically
- See parts list below for parts if needed

Note: All Blind rivet guns create metal shaving and dust, it is recommended that you to remove and inspect nose piece prior to each use and remove any shavings or dust prior to use. Failure to do this could lead to unwanted service and even void your warranty. Inspection Procedure time is estimated at 2-3 minutes.

Visit gradeatools.com or your local distributor for any parts needed

Lithium Ion battery disposal.

Lithium-Ion Battery Disposal for Consumers

EPA recommendation: Find a location to recycle Li-ion batteries and products that contain Li-ion batteries using one of the suggested links; do not put them in the trash or municipal recycling bins.

Li-ion batteries in electronics: Send electronic devices containing Li-ion batteries to [certified electronics recyclers](#), [participating retailers and recyclers in electronics takeback services](#) or contact your local solid waste or household hazardous waste collection program for more options.

Li-ion batteries that are easily separated from the product (e.g., power tools): [Find a recycling location near you](#) to properly dispose of Li-ion batteries. Send individual batteries to specialized battery recyclers or retailers that are participating in takeback services or contact your local solid waste or household hazardous waste program for more options.

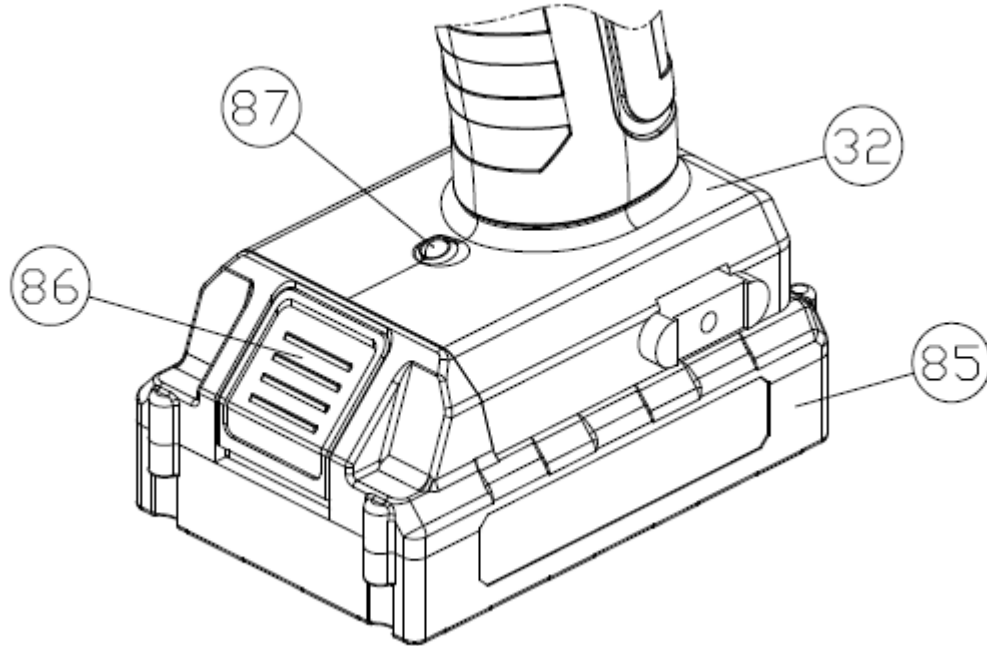
Two resources for finding a recycler are the [Earth 911 database](#) and [Call2Recycle](#).

Handling precautions: Place each battery or device containing a battery in a separate plastic bag. Place non-conductive tape (e.g., electrical tape) over the battery's terminals. If the Li-ion battery becomes damaged, contact the battery or device manufacturer for specific handling information. Even used batteries can have enough energy to injure or start fires. Not all batteries are removable or serviceable by the user. Heed battery and product markings regarding safety and use.

NEVER use a battery other than the one designed for this tool, we will not be responsible for damages caused by non-approved battery or non-observance of this manual.

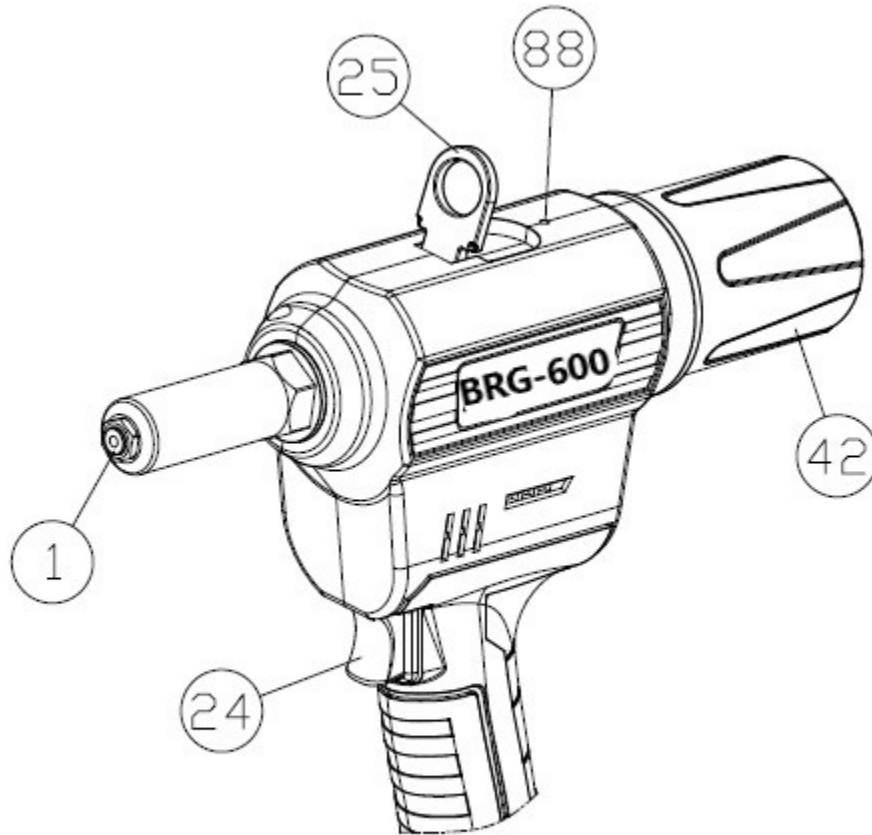
Lithium battery installation

- 1.) Insert the lithium battery# 85 into the Tools housing # 32
- 2.) To remove battery form tool Press release Button # 86 and pull battery out of housing
- 3.) To replace battery, Insert battery into housing and push
- 4.) Light # 87 is engaged when trigger is pull for additional lighting
- 5.) Always use an approved battery only
- 6.) Keep battery clean prior to installing on tool
- 7.) Battery Failure light is Red LED light and will flash when low or battery failure (Flashes)



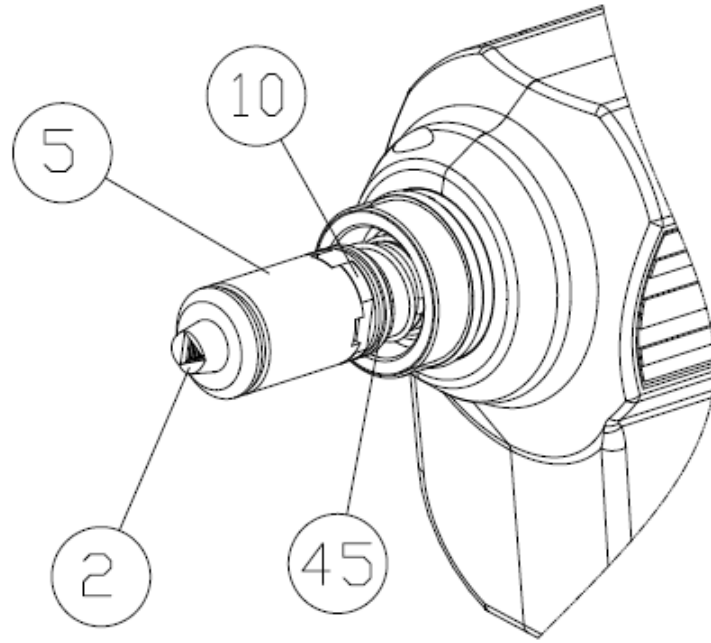
Tool Tips & Faults

Insert the rivet into the nose piece #1 and press and then press the power switch #24 until the rivet stem is pulled off, once rivet has set release the power switch #24 and the tool will reset for the next rivet. The rivet mandrel will enter into the collector bottle #42. Nose piece #1 should be changed to match the desired results that rivet requires. The tool hook can be used to suspend your tool on a cable or to hang tools as you wish. The # 88 is fault indicator light (red) and is activated when motor has been overheated, if this happens the tool will stop running and the light #88 will flash, if this light is flashing allow Remove the battery and all tool to cool down, when battery has cooled and recharged reinstall the battery and pull Trigger #24 to reset the tool. If battery is low the red light # 88 will flash, to reset remove battery charge it and reset the tool.



Manual

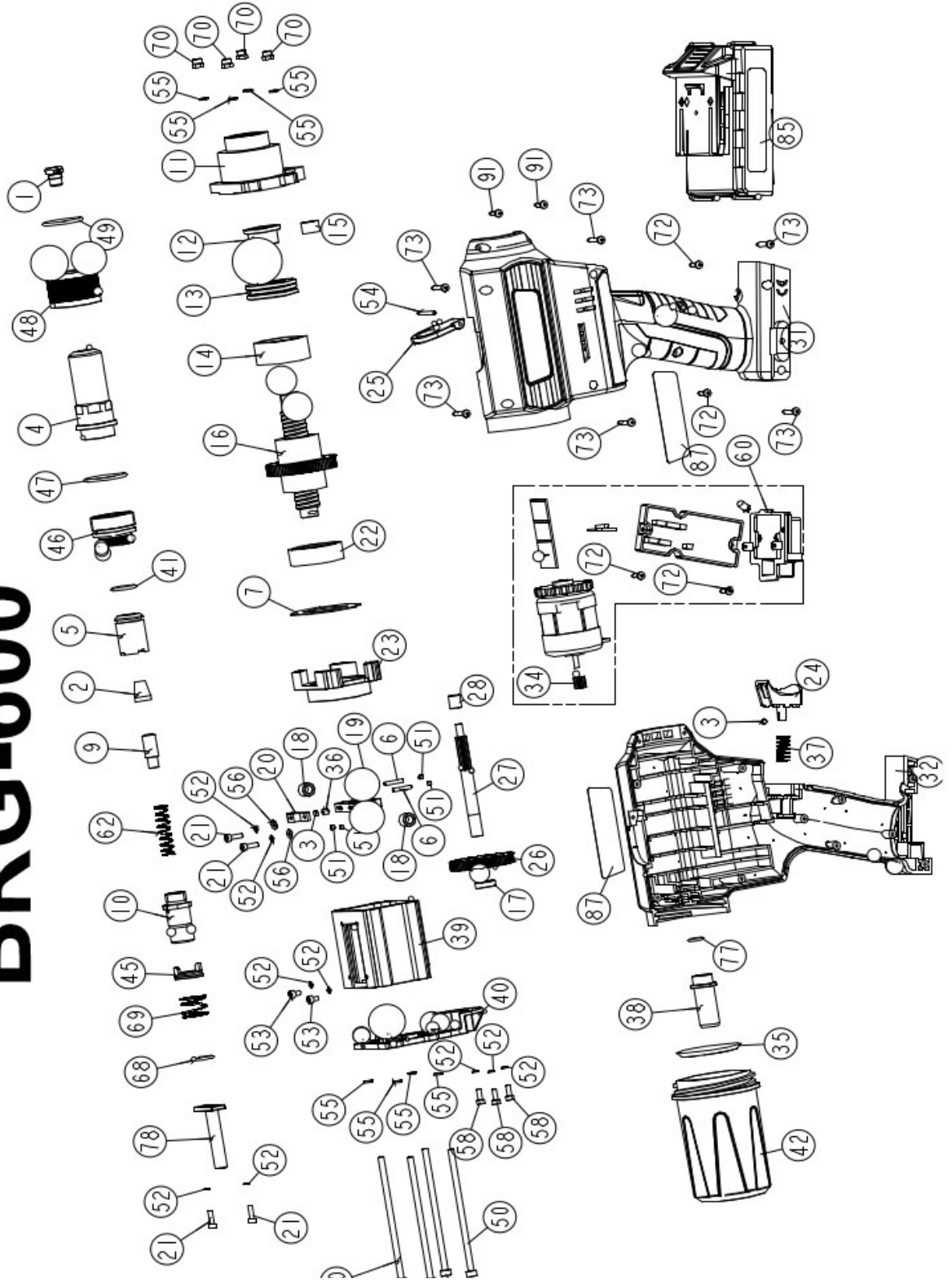
- 1.) The specification of the rivet must match the nose piece, for example, the 1/4 - (6.4mm) rivet Requires a 1/4 - (6.4mm) nose piece
- 2.) Jaws should be inspected and replaced as needed and will need replace after 2000 rivets Have been pulled or set, this can vary due to usage and rivet types. Inspect jaws weekly. If rivet Jaws are worn rivets will not set properly.
- 3.) Never use under sized rivets in the gun as this could cause permeant failure
- 4.) Clean in inspect tool prior to each use
- 5.) Replace jaws by removing nose assembly, no tools should be needed to do this task
- 6.) Jaws are serviceable and is sold in 3-piece kits.
- 7.) When replacing jaws always replace all 3 jaws to insure an even pull
- 8.) do not operate tool if damage or is unsafe
- 9.) Always wear protective safety equipment when operating this tool
- 10.) All new technicians should read and understand instruction prior to operating this tool



GradeAtools.com 800-435-8543



BRG-600








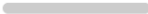

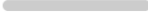



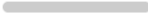







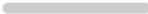




















Part Numbers and Item Codes

Item Code	Product Description	GAT-Part #	Qty Required
1	BRG-E600	GAT-BRG-600	1
1	Noise Piece Flat 5/16 - 7.8mm	GAT-BRG-600-516-F	1
1	Noise Piece Extended 5/16 - 7.8mm	GAT-BRG-600-516-EX	1
1	Noise Piece Monobolt 5/16 - 7.8mm	GAT-BRG-600-516-MB	1
1	Noise Piece Flat 1/4 - 6.4mm	GAT-BRG-600-125-F	1
1	Noise Piece Extended 1/4 - 6.4mm	GAT-BRG-600-125-EX	1
1	Noise Piece Monobolt 1/4 - 6.4mm	GAT-BRG-600-125-MB	1
2	Jaws set of 3	GAT-BRG-6001	1
3	Magnet	GAT-BRG-6002	2
4	Nose Housing	GAT-BRG-6003	1
5	Jaw Guide	GAT-BRG-6004	1
6	Pin	GAT-BRG-6005	2
7	Housing Gasket	GAT-BRG-6006	1
9	Jaw Pusher	GAT-BRG-6007	1
10	Pull Head	GAT-BRG-6008	1
11	Head Cover	GAT-BRG-6009	1
12	Axle Sleeve	GAT-BRG-6010	1
13	Bearing	GAT-BRG-6011	1
14	Bearing	GAT-BRG-6012	1
15	Bearing	GAT-BRG-6013	1
16	Screw Group	GAT-BRG-6014	1
17	Bearing	GAT-BRG-6015	1
18	Pulley	GAT-BRG-6016	2
19	Pulley Mounting	GAT-BRG-6017	1
20	Hoare Mounting	GAT-BRG-6018	1
21	Screw	GAT-BRG-6019	4
22	Bearing	GAT-BRG-6020	1
23	Back Cover	GAT-BRG-6021	1
24	Button	GAT-BRG-6022	1
25	Lifting Hook	GAT-BRG-6023	1
26	Big Gear wheel	GAT-BRG-6024	1
27	Gear Shaft	GAT-BRG-6025	1
28	Spindle Pulley	GAT-BRG-6026	1
31	Right Housing	GAT-BRG-6027	1

Item Code	Product Description	GAT-Part #	Qty Required
32	Left Housing	GAT-BRG-6028	1
34	Big Gear wheel	GAT-BRG-6029	1
35	Cushion	GAT-BRG-6030	1
36	Support Pole	GAT-BRG-6031	1
37	Button on Spring	GAT-BRG-6032	1
38	Fixed Guide Rod	GAT-BRG-6033	1
39	Stents	GAT-BRG-6034	1
40	Dead Plate	GAT-BRG-6035	1
41	O-Ring	GAT-BRG-6036	1
42	Collector Assembly	GAT-BRG-6037	1
45	Tapered End	GAT-BRG-6038	1
46	Housing Adapter	GAT-BRG-6039	1
47	O-Ring	GAT-BRG-6040	1
48	Lock Ring	GAT-BRG-6041	1
49	O-Ring	GAT-BRG-6042	1
50	Screw	GAT-BRG-6043	4
51	Screw	GAT-BRG-6044	4
52	Spring Washer	GAT-BRG-6045	9
53	Screw	GAT-BRG-6046	2
54	Pin	GAT-BRG-6047	1
55	Spring Washer	GAT-BRG-6048	8
56	Flat Gasket	GAT-BRG-6049	2
58	Screw	GAT-BRG-6050	3
60	Motor Assembly	GAT-BRG-6051	1
62	Spring	GAT-BRG-6052	1
68	Retaining Ring	GAT-BRG-6053	1
69	Spring	GAT-BRG-6054	1
70	Lock Nut	GAT-BRG-6055	4
72	Tapping Screw	GAT-BRG-6056	4
73	Tapping Screw	GAT-BRG-6057	6
77	O-ring	GAT-BRG-6058	1
78	Guide Pin	GAT-BRG-6059	1
85	Lithium Battery	GAT-BRG-600-B	1
89	Name Plate	GAT-BRG-6060	2
91	Screw	GAT-BRG-6061	2

Battery Charger part # BRG-600-C

Available Quick Ship Parts

	GAT-BRG-600-1002		Jaws set of 3 - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1004		Nose Housing - for BRG-600 - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1005		Jaw Guide - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1009		Jaw Pusher - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1010		Pull Head - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1024		Button - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1034		Big Gear wheel - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1035		Cushion - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1037		Button on Spring - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1038		Fixed Guide Rod - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1041		O-Ring A-for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1048		Lock Ring for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1049		O-Ring Z for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1060		Motor assy for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1062		Spring -Y for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1068		Retaining Ring for BRG-600 Blind Rivet Gun
	GAT-BRG-600-1069		Spring -Z for BRG-600 Blind Rivet Gun
	GAT-BRG-600-125-EX		Nose Piece Extended 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-125-F		Nose Piece Flat 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun
	GAT-BRG-600-125-MB		Nose Piece Monobolt 1/4 - 6.4mm - for BRG-600 Blind Rivet Gun