



BARRANCA DIAMOND

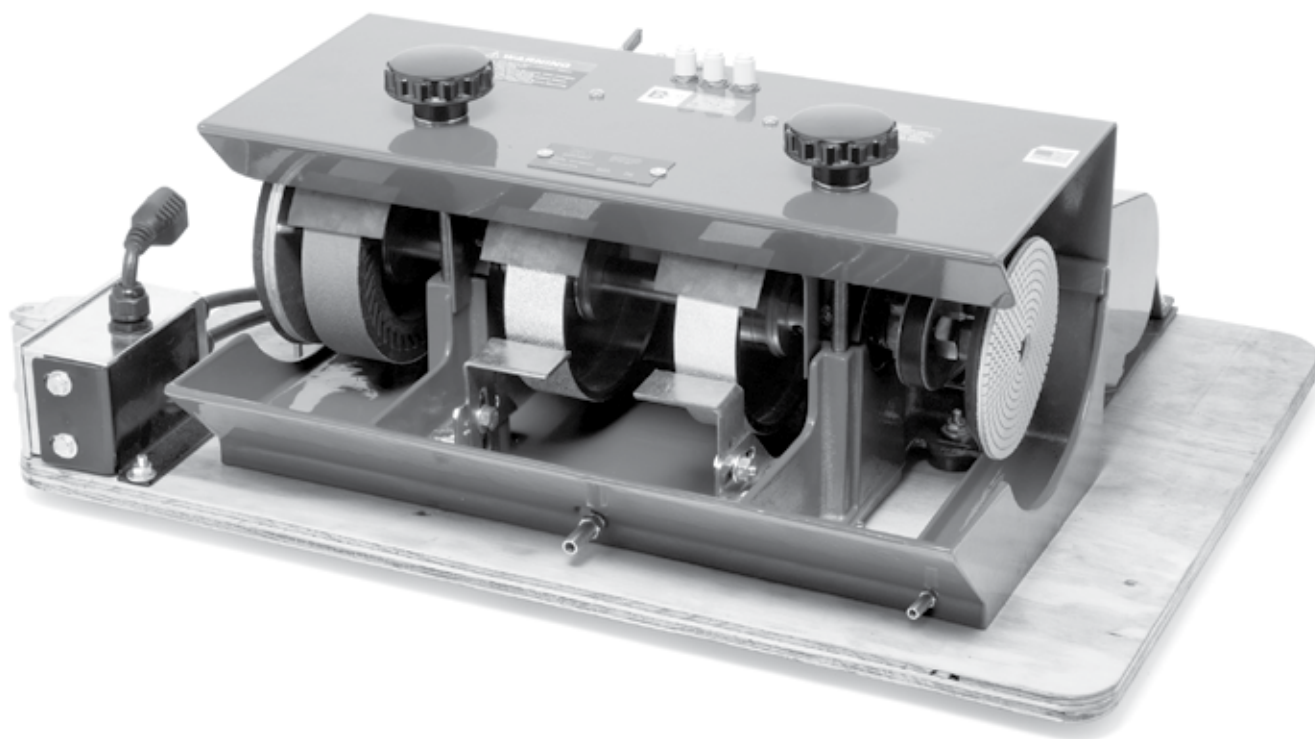
GP-6 Cabmaker

PARTS LIST

Belts Model: Part# 8300048

Diamond Pads Model: Part# 8300052

Carbide Wheel Model: Part# 8300046



Revision 108	01.2022
Manual Part No. 165967	

Caution: Read all safety and operating instructions before using this equipment. This manual **MUST** accompany the equipment at all times.

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GP-6 (BELTS) SHAFT DISASSEMBLY

1. Use a wrench on the jam nut on the right side of the arbor shaft to keep the shaft assembly stationary and with the other hand remove the polishing hub by rotating it counter-clockwise.
2. Hold the expandable drum in one hand to keep the shaft assembly stationary and with an adjustable or box wrench, remove the jam nut on the right end of the unit by turning it counter-clockwise.
3. Lift the shaft assembly out of the bearing seats.
4. Loosen the set screw that secures the right-side bearing collar and slide the bearing off the shaft. If the set screw has scarred the shaft, it may be necessary to file the burr off the shaft with a small, fine, flat file or piece of emery paper.
5. Remove the diamond wheels and spacers from the shaft.

GP-6 (PADS) SHAFT DISASSEMBLY

1. Remove the polishing hub on the left side of the arbor shaft by turning it clockwise.
2. Lift the shaft assembly out of the bearing seats.
3. Loosen the set screw that secures the left-side bearing collar and slide the bearing off the shaft. If the set screw has scarred the shaft, it may be necessary to file the burr off the shaft with a small, fine, flat file or piece of emery paper.
4. Remove the Diamond wheels and spacers from the shaft.

GP-6 (Carbide) SHAFT DISASSEMBLY

1. With an adjustable or box wrench, remove the jam nut on the left end of the arbor shaft by turning it clockwise.
3. Lift the shaft assembly out of the bearing seats.
4. Loosen the set screw that secures the left-side bearing collar and slide the bearing off the shaft. If the set screw has scarred the shaft, it may be necessary to file the burr off the shaft with a small, fine flat file or piece of emery paper.
5. Remove the carbide wheels and spacers from the shaft.

SHAFT REASSEMBLY

Reassembly of the shaft with the new diamond wheels is the reverse of the disassembly instructions. Please keep the following points in mind when reassembling:

1. Install diamond wheels with the inside faces facing each other (Figs 33 & 34). Be sure the diamond wheel bushings are installed.
2. The bearings have a permanently mounted bushing that extends from one side of the center bearing. This extension must face away from the diamond wheels (Fig 35 & 36) on both ends of the arbor shaft.
3. The arbor shaft collars have one recessed side and one flat side (Fig 37 & 38). The recessed side should face the bearing and mate against the extended portion of the bearing bushing.
4. There should be a flange installed on both sides of each diamond wheel and the expandable drum. Make sure the concave side of the flange (Fig 39) faces the wheels and drum.
5. When installing the shaft assembly back in the GP-6 Cabmaker, make sure the rubber mounted bearings are centered in the bearing seat (Fig 40 & 41). If the bearings are not centered in the bearing seats, make sure the aluminum spacers are in the correct order and that the bearings and arbor collars are properly installed.

6. Install the sanding drum with arrow of rotation facing direction of rotation (Fig 42).
7. Make sure grinding wheel and drum bushings are installed.
8. Install drive belt, retension belt (Fig 43) and replace belt guard.

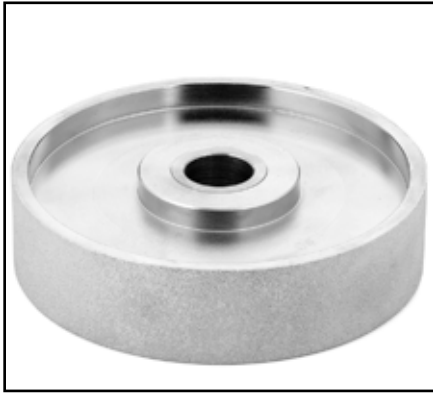


Fig 33 - Outside face of diamond wheel



Fig 34 - Inside face of diamond wheel



Fig 35 - Bearing correctly installed

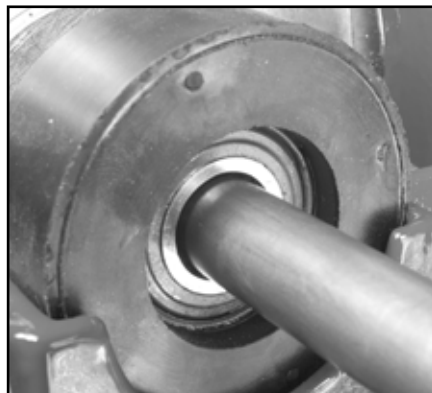


Fig 36 - Bearing incorrectly installed

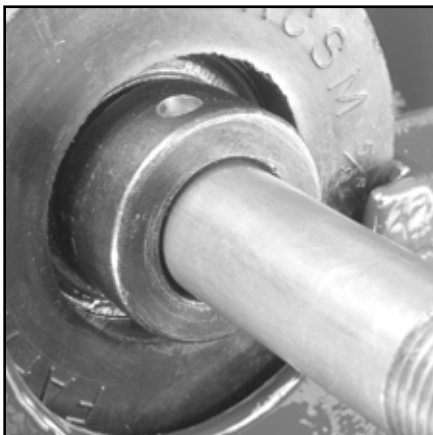


Fig 37 - Bearing collar correctly installed

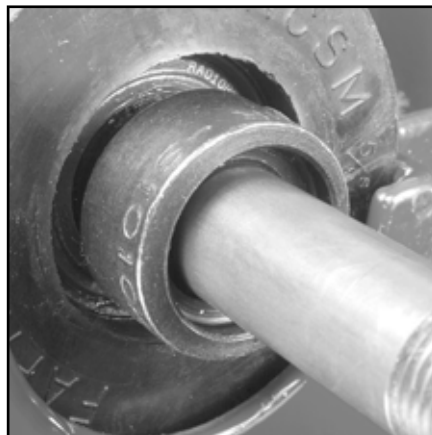


Fig 38 - Bearing collar incorrectly installed

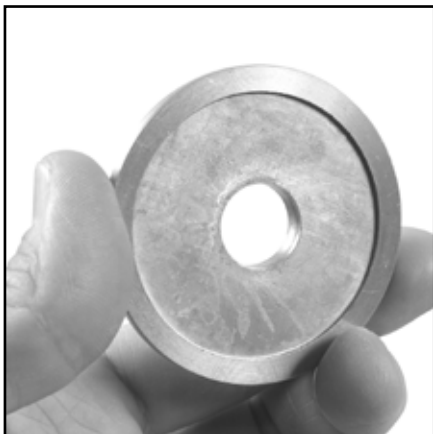


Fig 39 - Concave side of flange

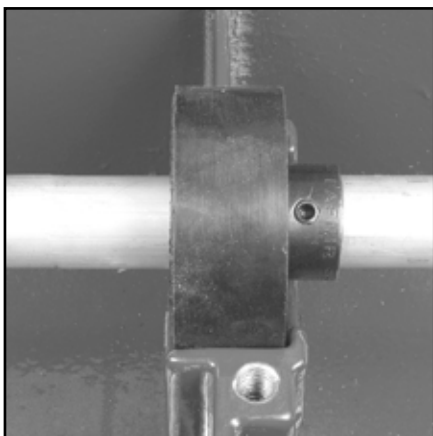


Fig 40 - Bearing correctly seated

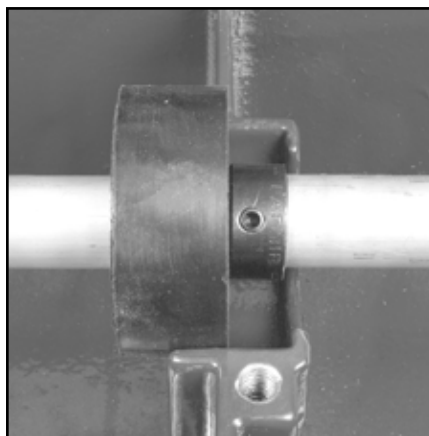


Fig 41 - Bearing incorrectly seated



Fig 42 - Arrow on drum indicates direction of rotation

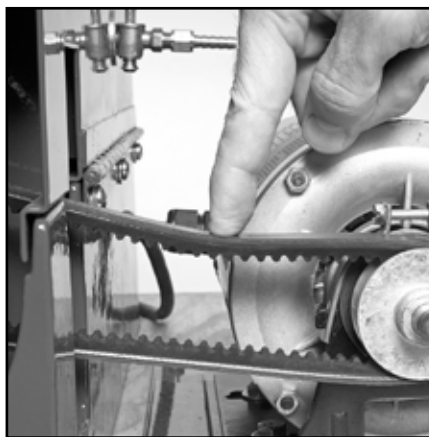
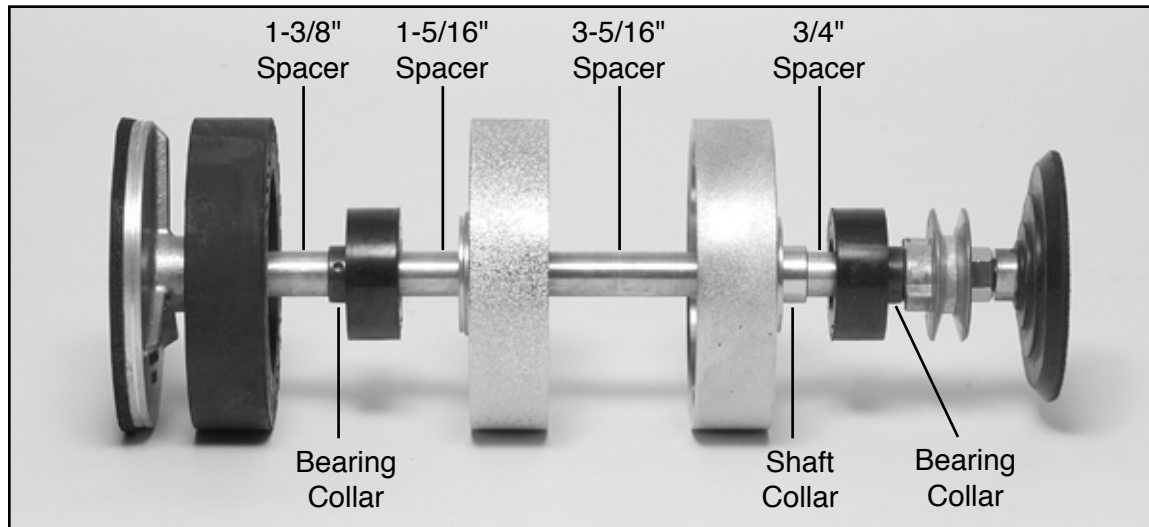
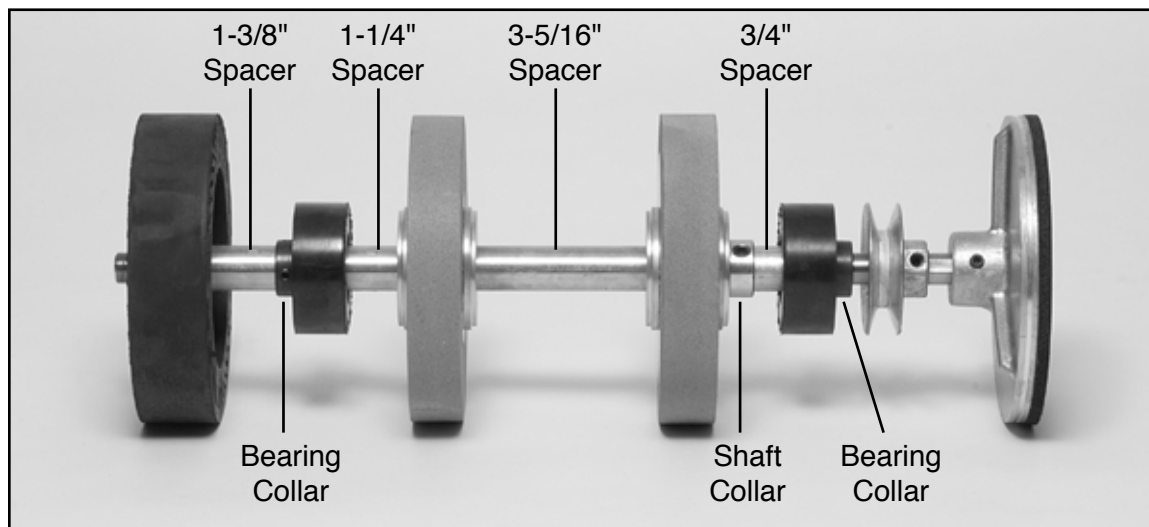


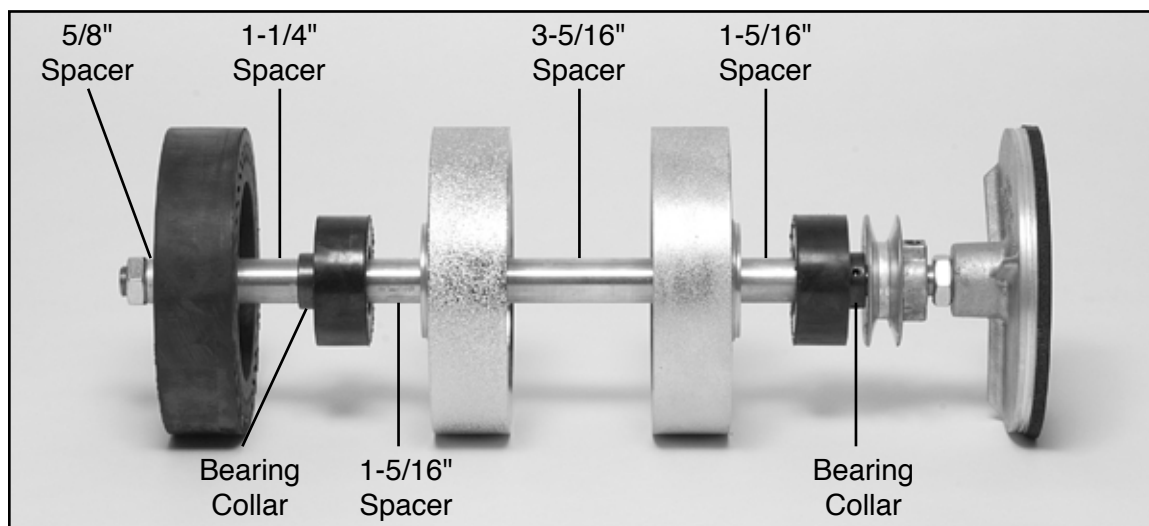
Fig 43 - Check belt deflection



GP-6 diamond wheel (pads) arbor shaft



GP-6 carbide arbor shaft



GP-6 diamond wheel (belts) arbor shaft

BELT

The GP-6 Cabmaker arbor is driven from the electric motor by a AX-24 rubber belt. The belt tension is adjusted at the factory. However, if it is necessary to service this belt, unplug the GP-6 Cabmaker from its power source and remove the fasteners that secure the belt guard housing to the motor. The belt tension should be checked periodically by removing the guard and depressing the belt in the middle between both the motor and blade arbor 2" OD pulleys. There should be 1/2" of deflection when the belt is pushed down (Fig 43). If the belt tension should become loose, poor performance or slipping will result. If the belt is too tight (i.e. no deflection) the belt, electric motor, pulleys and blade arbor bearings may wear out prematurely or the motor may overheat and shut off. Belt tension can be adjusted by loosening the two mounting bolts attached to the base of the motor mount and sliding the motor cradle base forward or backward to increase or decrease belt tension. Be sure to adequately retighten the motor mount nuts and replace and attach the belt guard to the table as well.

ARBOR ASSEMBLY

The GP-6 Cabmaker is equipped with a 5/8" OD arbor shaft, two rubber sealed ball bearings and a 2" OD x 5/8" bore die cast zinc coated pulley. Should the bearings wear out on the arbor shaft, grinding and polishing performance and short diamond wheel/belt life may result. Additionally, premature bearing wear may result in permanent damage to the arbor shaft, bearings, belt and motor. This main stainless steel shaft arbor assembly can be purchased from Barranca Diamond as a complete unit. Periodically check the tightness of the hood attachment knobs (Fig 44) to make sure they are securely tightened to the aluminum body of the GP-6 Cabmaker. Should the 2" OD die cast pulleys on either the motor (Fig 45) or wheel arbor shaft need to be removed or replaced, loosen the setscrew on the hub of each pulley with a US standard Allen type wrench. The setscrews can be secured with liquid thread locker (removable type) to prevent loosening due to vibration.

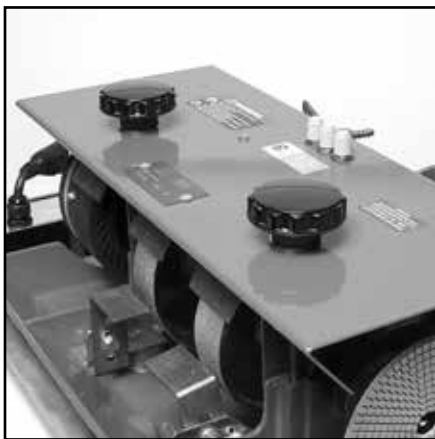


Fig 44 - Hood attachment knobs.

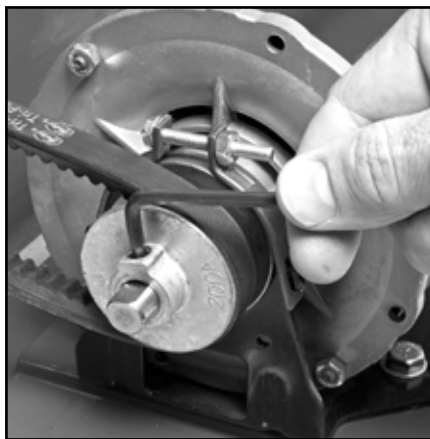


Fig 45 - Motor arbor shaft pulley.



Fig 46 - Motor reset button.

ELECTRIC MOTOR

The GP-6 Cabmaker is equipped with a Baldor 1/3 HP 1725 RPM single-phase 120 volt 60 Hz 8 amp motor. The motor shaft has sealed ball bearings and requires no lubrication. The motor is protected from thermal damage (overheating) with an automatic shut-off switch. If the motor overheats it will automatically shut off and restart once its internal components cool down and the motor is restarted.

manually (red button). Be sure to shut off the main motor by placing the switch lever to the OFF position and disconnecting the power source. After allowing the motor to cool (2 to 3 hours), push the red reset button on the side of the motor (Fig 46) and restart the unit by turning the switch to ON. If the motor does not restart after a cool down period, remove the motor and have an authorized repair service center for Baldor inspect the motor. Barranca Diamond can refer you to an authorized motor repair service center in your area.

Please note: On GP-6 Cabmakers prior to serial number 0000750 (belts) and 001700 (pads), the motors do not have a reset switch. Therefore it is imperative that if the motor should stop during operation that the power to the main motor be shut off by placing the toggle switch in the MIDDLE/OFF position as the motor will restart automatically once cooled down.

SUBMERSIBLE PUMP

Periodically remove the plastic inlet cover on the submersible water pump (Figs 47 & 48). Remove the filter element (Fig 49) and clean any obstructions such as sludge or rock mud that may be found. Clean the filter with warm, soapy water. Replace the filter (Figs 50 & 51) and test the pump to ensure it is functioning properly.



Fig 47 - Water Pump

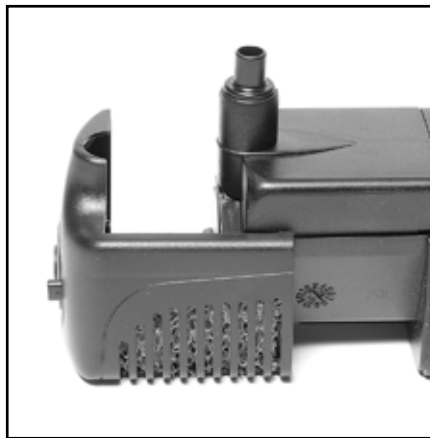


Fig 48 - Slide pump inlet cover off the pump body

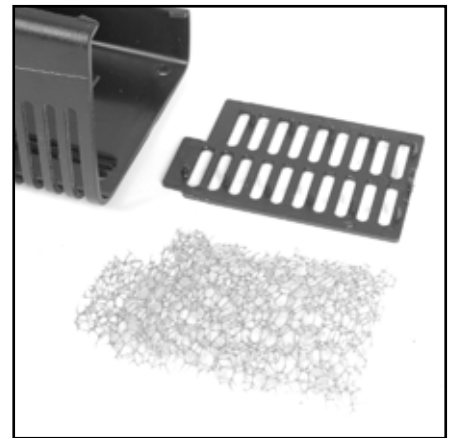


Fig 49 - Slide the filter element out the back of the inlet cover

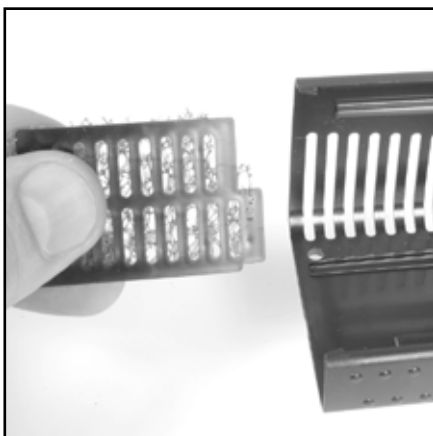


Fig 50 - Replace clean filter

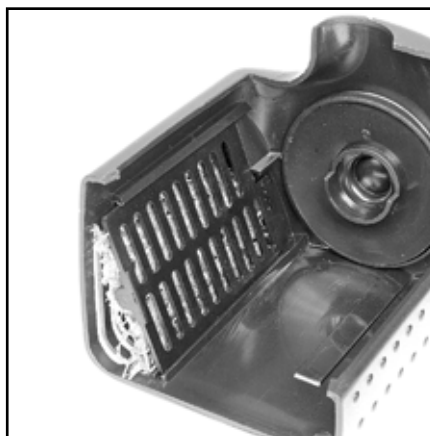


Fig 51 - Filter installed

Bill of Materials (GP-6 Cabmaker, Belts Model: part # 8300048)**Accessories**

Part #	Description	Quantity
161766	Polishing Compound, 1 micron	1
161767	Polishing Compound, 2 micron	1
161768	Polishing, Compound 2-4 micron	1
390401	Belt, 6"x1.5", Diamond, 400 grit	1
390601	Belt, 6"x1.5", Diamond, 600 grit	1
391200	Belt, 6"x1.5", Diamond, 1200 grit	1
393000	Belt, 6"x1.5", Diamond, 3000 grit	1
155987-V P	Pump, Water 115V	1
168261	Fitting, Plastic, 1/4" FNPT x 1/4" BARB	1
132951	Hose, Vinyl, 1/4" ID x 3/8" OD	6'
154394	Clamp, Flow, 1/4"-1/2"	1
14617	Pad, Polishing, 6" Leather	1
14615	Pad, Polishing, 6" Polytex	3
161729	Tool Cool, 8 oz Bottle	1
161323	Adhesive, 3M Disc ON-OFF Cement	1
999997	Dressing Stick, Green 100 grit	1
152610	GFCI, 115V	1
162045	Disc, 6" Sponge Rubber 3/4"	1

Assembly, Base

162221	Reservoir, Tank GP6	1
161991	Adaptor, Brass Pipe 1/8" Barbed	1
168706	Baseboard, Cab Combo/GP6	1
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. neck	3
151915	Washer, Flat SAE 1/4"	3
151893	Nut, Hex 1/4"-20	3
161442	Bracket, Tool Rest (LH) zinc plated	1
166439	Bracket, Tool Rest (RH) zinc plated	1
153527	Screw, Hex 3/8"-16 x 3/4"	4
150923	Washer, Flat 3/8"	4
161974	Tool Rest, Steel (zinc plated)	2
151369	Screw, Hex Hd 5/16"-18 x 3/4"	2
151754	Washer, Flat SAE 5/16"	2
161709	Nut, Hex Flange 5/18"-18	2
162496	Bumper, Recessed 1-1/2"OD x 1/4" ID w/ washer	6
161878	Screw, Pan Hd Phil #10 x 7/8"	6
166801	Cover, Baseboard Cab Combo	1

Assembly, Hood

162159	Hood, Bearing Mount, weldment	1
161557	Guard, Splash, Rubber	3
162154	Bracket, Hose Mount	3
161875	Screw, Pan Hd, 10-32 x 3/8"	4
156269	Nut, Hex 10-32"	4
161877	Screw, Pan Hd, 1/4"-20 x 3/8"	4
151915	Washer, Flat 1/4"	4
161651	Knob, 3/8"-16x2.5" OD	2
161828	Rod, SS Threaded 3/8"-16x6"	2
162017	Washer, Flat USS 7/16"	2
161992	Valve, Water Brass	1

Bill of Materials (GP-6 Cabmaker, Belts Model: part # 8300048)

Part #	Description	Quantity
151754	Washer, Flat SAE 5/16"	2
161652	Knob, Ridged Grey	3
161989	Valve, NV2SV-B, 10/32F	3
161343	Barb, 10-32x1/8" w/washer	6
162505	Tubing, Clear PVC, 1/8 x 1/4	2'
162511	Clip, aluminum, hose retainer	1
162506	Tie, Nylon, 0.10" W x 4.0" L	1
161532	Cross, w/18 B	1

Assembly, Shaft & Wheels

163819	Shaft, 5/8" 303 SS Precision Rod, 1.5 ft. long	1
161789	Pulley, V-belt, 2.25" OD x 5/8" ID, set screw	1
161704	Nut, Hex 5/16"-18, LH	1
135830	Flange, Aluminum 2" OD x 5/8" bore	6
161348	Bearing, 5/8" Arbor RSCM	2
162507	Spacer I, Shaft, Tube, 5/8" ID x 7/8" OD, Alum.	1
496080	Wheel, Diamond, Brazed Bond 80 grit 6"x1.5"	1
162508	Spacer II, Shaft, Tube 5/8"IDx7/8"OD, Alum.	1
496200	Wheel, Diamond, Brazed Bond 200 grit, 6"x1/5"	1
162509	Spacer III, Shaft, Tube, 5/8"IDx7/8"OD, Alum.	1
390006	Drum, 6"x1-1/2" x 5/8" Rubber Expandable	1
161711	Nut, Hex Jam 5/8"-18	1
166065	Polishing Wheel, RH Thread-Comp	1
168121	Adapter, Cup Wheel	1

Assembly, Motor & Belt

Part #	Description	Quantity
161672	Motor, 1/3Hp, 120V, 60 Hz, 1725 RPM	1
161788	Pulley, Motor, 2- 1/2" x 5/8" bore, set screw	1
152473	Screw, Hex HD 5/16"-18 x 1/2"	4
151754	Washer, Flat SAE 5/16"	4
161668-01	Mount, Motor, Upper	1
161669	Mount, Motor, Lower	1
152473	Screw, Hex HD 5/16"-18 x 1/2"	2
151754	Washer, Flat SAE 5/16"	2
162017	Washer, Flat 7/16"	2
150924	Washer, Flat, SAE, 1/2	2
162510	Washer, Flat 17/32"ID x 1-1/2" OD x 0.05"	2
161694	Nut, Pem 5/16"-18	2
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. Neck	4
151915	Washer, Flat SAE 1/4"	4
151893	Nut, Hex 1/4"-20	4
162150	Guard, Belt GP-6	1
162297	Belt, AX-23	1
161504	Cord, Grip 1/2" NPT x 0.24"-0.47"	1
167860	Guard, Inner Belt	1
161509	Cord, Power 14/3 SJOOW 300V	1
172836-18	Assy, Switch Box, 30A, GP8	1

Bill of Materials (GP-6 Cabmaker, Carbide Wheel Model: part # 8300046)**Accessories**

Part #	Description	Quantity
161766	Polishing Compound, 1 micron	1
161767	Polishing Compound, 2 micron	1
161768	Polishing, Compound 2-4 micron	1
390401	Belt, 6"x1.5", Diamond, 400 grit	1
390601	Belt, 6"x1.5", Diamond, 600 grit	1
391200	Belt, 6"x1.5", Diamond, 1200 grit	1
393000	Belt, 6"x1.5", Diamond, 3000 grit	1
155987-VP	Pump, Water 115V	1
168261	Fitting, Plastic, 1/2" MNPT x 1/4" BARB	1
132951	Hose, Vinyl, 1/4" ID x 3/8" OD	6'
154394	Clamp, Flow, 1/4"-1/2"	1
14617	Pad, Polishing, 6" Leather	1
14615	Pad, Polishing, 6" Polytex	3
161729	Tool Cool, 8 oz Bottle	1
161323	Adhesive, 3M Disc ON-OFF Cement	1
999997	Dressing Stick, Green 100 grit	1
152610	GFCI, 115V	1

Assembly, Base

162221	Reservoir, Tank GP6	1
161991	Adaptor, Brass Pipe 1/8" Barbed	1
168706	Baseboard, Cab Combo/GP6	1
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. neck	3
151915	Washer, Flat SAE 1/4"	3
151893	Nut, Hex 1/4"-20	3
161442	Bracket, Tool Rest (LH) zinc plated	1
166439	Bracket, Tool Rest (RH) zinc plated	1
153527	Screw, Hex 3/8"-16 x 3/4"	4
150923	Washer, Flat 3/8"	4
161974	Tool Rest, Steel (zinc plated)	2
151369	Screw, Hex Hd 5/16"-18 x 3/4"	2
151754	Washer, Flat SAE 5/16"	2
161709	Nut, Hex Flange 5/18"-18	2
162496	Bumper, Recessed 1-1/2"OD x 1/4" ID w/ washer	6
161878	Screw, Pan Hd Phil #10 x 7/8"	6
166801	Cover, Baseboard Cab Combo	1

Assembly, Hood

162159	Hood, Bearing Mount, weldment	1
161557	Guard, Splash, Rubber	3
162154	Bracket, Hose Mount	3
161875	Screw, Pan Hd, 10-32 x 3/8"	4
156269	Nut, Hex 10-32"	4
161877	Screw, Pan Hd, 1/4"-20 x 3/8"	4
151915	Washer, Flat 1/4"	4
161651	Knob, 3/8"-16x2.5" OD	2
161828	Rod, SS Threaded 3/8"-16x6"	2
162017	Washer, Flat USS 7/16"	2
161992	Valve, Water Brass	1

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161652	Knob, Ridged Grey	3
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161343	Barb, 10-32x1/8" w/washer	6
162505	Tubing, Clear PVC, 1/8 x 1/4	2'
162511	Clip, aluminum, hose retainer	1
162506	Tie, Nylon, 0.10" W x 4.0" L	1
161532	Cross, w/18 B	1

Assembly, Shaft & Wheels

163819	Shaft, 5/8" 303 SS Precision Rod, 1.5 ft. long	1
161789	Pulley, V-belt, 2.25" OD x 5/8" ID, set screw	1
161704	Nut, Hex 5/16"-18, LH	1
135830	Flange, Aluminum 2" OD x 5/8" bore	6
161348	Bearing, 5/8" Arbor RSCM	2
162507	Spacer I, Shaft, Tube, 5/8" ID x 7/8" OD, Alum.	1
8300000	Wheel, Green Silicon Carbide 100 grit 6"x1"	1
162508	Spacer II, Shaft, Tube 5/8"IDx7/8"OD, Alum.	1
8300001	Wheel, Green Silicon Carbide 200 grit, 6"x1"	1
162509	Spacer III, Shaft, Tube, 5/8"IDx7/8"OD, Alum.	1
390006	Drum, 6"x1-1/2" x 5/8" Rubber Expandable	1
161711	Nut, Hex Jam 5/8"-18	1
167320	Polishing Wheel w/Setscrew	1

Bill of Materials (GP-6 Cabmaker, Carbide Wheel Model: part # 8300046)**Assembly, Motor & Belt**

Part #	Description	Quantity
161672	Motor, 1/3Hp, 120V, 60 Hz, 1725 RPM	1
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161669	Mount, Motor, Lower	1
152473	Screw, Hex HD 5/16"-18 x 1/2"	2
151754	Washer, Flat SAE 5/16"	2
162017	Washer, Flat 7/16"	2
150924	Washer, Flat, SAE, 1/2	2
162510	Washer, Flat 17/32"ID x 1-1/2" OD x 0.05"	2
161694	Nut, Pem 5/16"-18	2
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. Neck	4
151915	Washer, Flat SAE 1/4"	4
151893	Nut, Hex 1/4"-20	4
162150	Guard, Belt GP-6	1
162297	Belt, AX-23	1
161504	Cord, Grip 1/2" NPT x 0.24"-0.47"	1
167860	Guard, Inner Belt	1
161509	Cord, Power 14/3 SJOOW 300V	1
172836-18	Assy, Switch Box, 30A, GP8	1

Bill of Materials (GP-6 Cabmaker, Pads Model: part # 8300052)**Accessories**

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161768	Polishing, Compound 2-4 micron	1
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390601	Belt, 6"x1.5", Diamond, 600 grit	1
391200	Belt, 6"x1.5", Diamond, 1200 grit	1
393000	Belt, 6"x1.5", Diamond, 3000 grit	1
155987-VP	Pump, Water 115V	1
168261	Fitting, Plastic, 1/2" MNPT x 1/4" BARB	1
132951	Hose, Vinyl, 1/4" ID x 3/8" OD	6'
154394	Clamp, Flow, 1/4"-1/2"	1
14617	Pad, Polishing, 6" Leather	1
14615	Pad, Polishing, 6" Polytex	3
161729	Tool Cool, 8 oz Bottle	1
161323	Adhesive, 3M Disc ON-OFF Cement	1
999997	Dressing Stick, Green 100 grit	1
152610	Cord, GFCI 120V 15A	1
370050	Rubber Backer Pad, 5" (5/8-11 thread)	1
370051	Rigid Backer Pad, 5" (5/8-11 thread)	1
375050	Resin Diamond Pad, 5" (50 grit)	1
375120	Resin Diamond Pad, 5" (120 grit)	1
375220	Resin Diamond Pad, 5" (220 grit)	1
375400	Resin Diamond Pad, 5" (400 grit)	1
375800	Resin Diamnd Pad, 5" (800 grit)	1
375180	Resin Diamond Pad, 5" (1800 grit)	1
375350	Resin Diamond Pad, 5" (3500 grit)	1
375850	Resin Diamond Pad, 5" (8500 grit)	1
375130	Resin Diamond Pad, 5" (13,000 grit)	1
161665	Magnetic Mount Loc Line manifold	1
162045	Disc, 6" Sponge Rubber 3/4"	1

Assembly, Base

162221	Reservoir, Tank GP6	1
161991	Adaptor, Brass Pipe 1/8" Barbed	1
168706	Baseboard, Cab Combo/GP6	1
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. neck	3
151915	Washer, Flat SAE 1/4"	3
151893	Nut, Hex 1/4"-20	3
161442	Bracket, Tool Rest (LH) zinc plated	1
166439	Bracket, Tool Rest (RH) zinc plated	1
153527	Screw, Hex 3/8"-16 x 3/4"	4
150923	Washer, Flat 3/8"	4
161974	Tool Rest, Steel (zinc plated)	2
151369	Screw, Hex Hd 5/16"-18 x 3/4"	2
151754	Washer, Flat SAE 5/16"	2
161709	Nut, Hex Flange 5/18"-18	2
162496	Bumper, Recessed 1-1/2"OD x 1/4" ID w/ washer	6
161878	Screw, Pan Hd Phil #10 x 7/8"	6
166801	Cover, Baseboard Cab Combo	1

Bill of Materials (GP-6 Cabmaker, Pads Model: part # 8300052)**Assembly, Hood**

162159	Hood,Bearing Mount, weldment	1
161557	Guard, Splash, Rubber	3
162154	Bracket, Hose Mount	3
161875	Screw, Pan Hd, 10-32 x3/8"	4
156269	Nut, Hex 10-32"	4
161877	Screw, Pan Hd, 1/4"-20 x3/8"	4
151915	Washer, Flat 1/4"	4
161651	Knob, 3/8"-16x2.5" OD	2
161828	Rod, SS Threaded 3/8"-16x6"	2
162017	Washer, Flat USS 7/16"	2
161992	Valve, Water Brass	1

Assembly, Shaft & Wheels

163818	Shaft, 5/8" 303 SS Precision Rod, 1.5 ft. long	1
161789	Pulley, V-belt, 2.25" OD x 5/8" ID, set screw	1
161704	Nut, Hex 5/16"-18, LH	1
135830	Flange, Aluminum 2" OD x 5/8" bore	6
161348	Bearing, 5/8" Arbor RSCSM	2
162507	Spacer I, Shaft, Tube, 5/8" ID x 7/8" OD, Alum.	1
496080	Wheel, Diamond, Brazed Bond 80 grit 6"x1.5"	1
162508	Spacer II, Shaft, Tube 5/8"IDx7/8"OD, Alum.	1
496200	Wheel, Diamond, Brazed Bond 200 grit, 6"x1/5"	1
162509	Spacer III, Shaft, Tube, 5/8"IDx7/8"OD, Alum.	1
390006	Drum, 6"x1-1/2" x 5/8" Rubber Expandable	1
161711	Nut, Hex Jam 5/8"-18	1
167319	Polishing Wheel LH Thread-Comp	1

Assembly, Motor & Belt

Part #	Description	Quantity
161672	Motor, 1/3Hp, 120V, 60 Hz, 1725 RPM	1
161788	Pulley, Motor, 2- 1/2" x 5/8" bore, set screw	1
152473	Screw, Hex HD 5/16"-18 x 1/2"	4
151754	Washer, Flat SAE 5/16"	4
161668-01	Mount, Motor, Upper	1
161669	Mount, Motor, Lower	1
152473	Screw, Hex HD 5/16"-18 x 1/2"	2
151754	Washer, Flat SAE 5/16"	2
162017	Washer, Flat 7/16"	2
150924	Washer, Flat, SAE, 1/2	2
162510	Washer, Flat 17/32"ID x 1-1/2" OD x 0.05"	2
161694	Nut, Pem 5/16"-18	2
161432	Bolt, Carriage 1/4"-20 x 1-1/4" Sq. Neck	4
151915	Washer, Flat SAE 1/4"	4
151893	Nut, Hex 1/4"-20	4
162150	Guard, Belt GP-6	1
162297	Belt, AX-23	1
161504	Cord, Grip 1/2" NPT x 0.24"-0.47"	1
167860	Guard, Inner Belt	1
161509	Cord, Power 14/3 SJ00W 300V	1
172836-18	Assy, Switch Box, 30A, GP8	1

BARRANCA DIAMOND LIMITED WARRANTY

Barranca Diamond warrants to the original retail purchaser for a period of 90 days except as noted, from the date of purchase all products covered by this Warranty to be free of defects in materials and workmanship.

This Warranty shall not apply to any parts that have been subjected to misuse or improper service, that had been damaged in transit or handling, or that have been altered or repaired by unauthorized representatives. This Warranty does not cover defects caused by or resulting from misuse, abuse, neglect or damage caused by accident or the failure to provide reasonable maintenance. This Warranty is void if the product or any of its individual components is altered or modified by the purchaser or if the product is used in a manner or with a blade not recommended by the manufacturer.

Any claim arising under this Warranty must be submitted by the original purchaser within the warranty period specified above, and shall include proof of purchase. During said warranty period Barranca Diamond shall, at its option, either replace or repair, at no charge to the original purchaser, any parts or components that are found to be defective by Barranca Diamond. Barranca Diamond shall not be responsible for or obligated to pay for freight or other transportation related costs or expenses in connection with any defective products or components that are either returned to Barranca Diamond's facility or any authorized repair station and/or any replacement products or components that are shipped from Barranca Diamond pursuant to this Warranty.

Parts and labor needed to maintain products and the replacement of components due to normal wear and tear are the purchaser's responsibility and are not covered by this Warranty. All products or components replaced under warranty become the property of the manufacturer. All replacement parts will be considered to be part of the original product and any warranty on such parts will expire coincidentally with the original Warranty. Barranca Diamond will pay for parts and labor in connection with warranty repairs conducted by Barranca Diamond or its authorized repair centers. Replacement part(s) installed by anyone else will be provided without a charge for such replacement part(s), but this Warranty will not apply to labor charges in connection therewith.

IN NO EVENT SHALL ANY LIABILITY UNDER THIS WARRANTY EXCEED THE REPLACEMENT COST OF ANY DEFECTIVE PRODUCT OR COMPONENT THEREOF, AND BARRANCA DIAMOND SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES OR FOR ANY OTHER DAMAGE OR LOSS NOT EXPRESSLY ASSUMED AS SET FORTH HEREIN.

The foregoing constitutes an expressed warranty on the terms set forth above and is the only warranty or warranties applicable to the products it covers. All other warranties, including, without limitation, the implied warranty of merchantability and/or fitness for a particular purpose or use being denied.

This limited warranty is expressly in lieu of all other warranties, whether expressed or implied.

WARRANTY: For your (1) one year warranty to be effective, complete the online Product Registration as soon as possible. Visit www.mkdiamond.com/registration/

Specifics Applicable to Limited Warranty of Diamond Blades and Core Bits:**Laser Welded Blade and Bit Warranty:**

If the laser weld between the segment and the steel core or barrel fails during normal use, the blade or bit will be replaced free of charge. Blades and bits damaged due to careless or improper use are not covered under this warranty.

Brazed Blade, Bit, and Cup Wheel Warranty:

If the brazed bond between the segment and the core, barrel, or cup fails within the first .050 of segment wear, the blade, bit, or cup will be replaced free of charge. Blades, bits, and cup wheels damaged due to careless or improper use are not covered under this warranty.

Continuous Rim Blade Warranty:

If the bond between the rim and the core fails during normal use, the blade will be replaced free of charge. Blades and bits damaged due to careless or improper use are not covered under this warranty.

Exclusions:

Barranca Diamond does not warrant the following components, which carry their own manufacturer's warranty for the indicated periods:

Electric Motors Manufacturer's Warranty

Baldor: 1 year

Ryobi: 1 Year

Soga: 1 Year

Gas Engines Manufacturer's Warranty

Honda: 2 years

Engine Power Information

Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Barranca Diamond Products makes no claim, representation or Warranty as to the power rating of the engine on this equipment and disclaims any responsibility or liability of any kind whatsoever with respect to the accuracy or the engine power rating. Users are advised to consult the engine manufacturer's owners manual and website for specific information regarding the engine power rating.

REPLACEMENT PARTS

Replacement parts for this tool may be ordered from your Barranca Diamond distributor or directly from Barranca Diamond. Please have the following information ready before calling:

- Model and serial number of the machine
- Date of purchase
- Description of parts being ordered (see parts list)

RETURN MATERIALS PROCEDURE

To expedite the service relative to the return of a product purchased through Barranca Diamond, please have the following information available:

- Model and serial number of the machine
- Date of purchase
- Distributor's name

Then please call Barranca Diamond at (310) 523-5867 or toll free at 800-630-7682 to obtain a Return Goods Authorization number (RGA) authorizing the return.

Please Note:

- Ensure your item(s) are prepaid to the destination
- Return items must have been purchased within the previous twelve (12) months
- Follow the packaging instructions in the following section
- Be sure to include the RGA number, return address and your phone number on or within the return shipping box.

PACKAGING INSTRUCTIONS

Ship the equipment using its original shipping crate if possible. Secure inside the shipping crate. Ensure all parts are secured in the packaging to prevent movement. Do not ship the equipment partially exposed.

GP-6 Cabmaker
OWNER'S MANUAL & PARTS LIST



BARRANCA DIAMOND

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