

GPH75 & GPHC75 Grout Hog® Owner's Manual



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INTRODUCTION

Congratulations on purchasing one of the finest pieces of masonry equipment on the market today! If this is your first EZG Manufacturing product, you will not be disappointed. If you have previously owned an EZG Manufacturing product, you will find the same high quality and dependability that you have come to expect from EZG Manufacturing.

ABOUT THIS MANUAL

The purpose of this manual is to inform the owner/employer/and the operator, how to safely operate this piece of equipment, and make them aware of any hazards. It also contains important information regarding assembly, set up, operation, and maintenance. It is the Owner/Employer's responsibility to make sure that anyone who operates this machine understands all safety warnings. If you do not understand any items in this manual, please contact the dealer where this product was purchased, or the manufacturer at the number listed throughout this manual. If you have any suggestions about how to make this manual easier to understand, contact the manufacturer. Keep this manual available for reference wherever this piece of equipment is being used and make it available to any operators.

GENERAL INFORMATION

Illustrations in this manual may show details or components that may not be the same as your machine. Continuing improvements to the design of this machine may have caused changes that are not included in this manual. The information in this document is subject to change without notice.

SAFETY INFORMATION

The following safety symbols and signal words will be used throughout this manual and on the product, for your safety and the safety of others, please become familiar with their meaning and heed their warnings.

<u></u>	This symbol, either used alone or with a signal word, is used to call your attention to instructions involving your safety and/or the safety of others. Failure to follow these instructions will likely result in personal injury or death.
DANGER	This signal word is used to identify a hazard which, if not avoided, will result in death or serious injury.
WARNING	This signal word is used to identify a hazard which, if not avoided, could result in death or serious injury.
CAUTION	This signal word is used to identify a hazard which, if not avoided, could result in minor or moderate injury.
NOTICE	This signal word is used to identify a hazard which, if not avoided, could result in property or equipment damage. It also may be used for special instructions related to performance, maintenance or general items.

SAFETY PRECAUTIONS



DANGER

Failure to obey the following safety instructions will result in DEATH or SERIOUS INJURY.

Stay clear of auger while machine is in operation. Keep all body parts, clothing, jewelry and solid objects away from all moving parts.

Never run Grout Hog® with end cap removed.



WARNING

Failure to obey the following safety instructions could result in DEATH or SERIOUS INJURY.

Read and understand entire manual before operating the Grout Hog®.

For your safety and the safety of others, replace any missing or damaged warning decals by contacting the manufacturer at 1-800-417-9272.

Make sure anyone operating the Grout Hog® is thoroughly familiar with its operation. Keep all unauthorized and untrained personnel, especially children away from Grout Hog®.

Never operate machine with guards or safety devices removed. Do not alter any safety guards.

Never perform any work on the Grout Hog® while it is running. Before working on or cleaning the Grout Hog®, shut off engine and disconnect hydraulic supply hoses.

Never operate the Grout Hog® under the influence of alcohol, drugs, or medications.

This Grout Hog® has been designed and built as a material delivery station, and should not be used for anything other than its intended purpose.

Consult forklift manufacturers specifications to ensure load capacity is not exceeded.

Model	Empty Weight	Max Gross Weight
GPH75	1436 lbs. (651.4 kg)	4436 lbs. (2012.1 kg)
GPHC75	1525 lbs. (691.7 kg)	4526 lbs. (2052.2 kg)

Do not exceed Maximum Gross Weight

Always use skid pins and linch pins or safety chains whenever Grout Hog® is on lift forks.

Never stand under an elevated Grout Hog®.

Never attempt to ride the Grout Hog®.

SAFETY PRECAUTIONS



WARNINGS (continued)

The Grout Hog® is intended for use with a supervised hold to run control. If used outside of this scope call the EZG Manufacturing for optional grate to cover hopper.

Avoid breathing dust produced while using the Grout Hog®. Dust may contain crystalline silica and may cause serious health problems.

Do not operate near combustible materials.

Always know the location of nearest fire extinguishers, first aid kit, and emergency personnel phone numbers in case of emergency.



CAUTION

Failure to obey the following safety instructions could result in MINOR or MODERATE INJURY.

Inspect all hoses, fasteners, bolts and welds for nicks, cracks, cuts, damage, wear or looseness before each use. Repair as needed.

Always wear approved PPE, including glasses, hearing protection, hard hats, and ventilation masks when operating a Grout Hog®.

Do not use the Grout Hog® as a lifting device or with accessories or attachments not recommended by EZG Manufacturing, as damage to equipment or operator might result.

Avoid contact with hot hydraulic fluid.

Allow system to cool before performing any repairs or service.

NOTICE

Use only factory authorized parts.

Used lubricants such as engine and hydraulic oil, and hazardous waste must be taken to an authorized disposal or recycling center.

California - Proposition 65 Warning

Engine exhaust and some of its constituents, and some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. Some examples of these chemicals are:

Lead from lead based paints - Crystalline silica from bricks -Cement and other masonry products -Arsenic and chromium from chemically treated lumber

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: ALWAYS work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

OPERATING INSTRUCTIONS



WARNING

This equipment is to be operated by trained and qualified personnel over the age of 18. Death or serious injury can result.

Before operating the Grout Hog® it should be properly set up on the jobsite. The Grout Hog® may be lifted by using a forklift. The GPH75 weighs 1436 lbs.(651.4kg) empty and 4436lbs.(2012.1kg) full and the GPHC75 weighs 1525lbs.(691.7kg) empty and 4526lbs.(2052.5kg) full. Check forklift ratings before attempting to move the Grout Hog®.

- 1. Start engine (see Honda owner's manual page 15). Let engine run for 5 minutes and turn off.
- 2. Slide lift forks into lifting channels on Grout Hog®.
- 3. Insert skid pins into lift channels behind lift forks and secure with locking pins or use chain attachment.



WARNING

Pins must be in place whenever Grout Hog® is on lift forks. Death or serious injury can result.

4. Set Grout Hog® securely on ground. Fill to desired capacity.



WARNING

Check forklift or crane manufacturer's specifications to be sure forklift or crane is designed to handle weight of Grout Hog® and material in hopper. Death or serious injury can result.

- 5. Transport Grout Hog® to desired location. Start engine, fully open throttle, and raise above grouting level.
- 6. Hold discharge hose over area to be grouted.
- 7. Discharge grout to desired areas until hopper is empty. (Repeat steps 4-7 as needed)
- 8. To regulate grout flow, squeeze discharge hose; to momentarily stop grout flow, crimp or fold hose.
- 9. To stop flow for extended period, push reverse on pendant switch until valve closes then release button, and hang on hook provided.

NOTICE: In the unlikely event that the auger plugs, momentarily push the reverse button on the pendant switch.

CLEANUP



CAUTION

Before performing any described maintenance items, make sure engine is off. Death or serious injury can result.

- 1. Set Grout Hog® securely on ground. Turn off and remove ignition key. Remove skid pins or chains before backing away.
- 2. Remove end cap from auger tube.
- 3. Grasp auger handle firmly and pull auger straight out of tube.
- 4. Hose out and brush down hopper, then spray out and brush down auger until all excess grout is removed.
- 5. Flush discharge hose until clean.
- 6. Slide auger back in Grout Hog® so that it fits securely in place. Install the end cap back on tube.



DANGER

Never run machine with end cap removed. Death or serious injury will result.

7. Grease the fittings using EPI rated or equivalent grease. There are 4 grease fittings on the Grout Hog®, they are identified on the parts list by #62.

Following each use, it is a good idea to apply a thin layer of lubricant to the inside of the hopper to make cleaning easier.

NOTICE: Do not use so much lubricant that it might stain block work at beginning of next use.

If equipped with crane bail, inspect crane bail, hopper, and base for cracked welds, loose bolts, and wear before each use. Repair or replace if needed.

OBTAINING SPARE PARTS

Spare parts for your Grout Hog® may be obtained by the following procedure:

- 1. Record the information from the serial number tag located on the frame.
- 2. Using the parts reference table in this manual, record the part number or component.
- 3. Contact your local Grout Hog® dealer or EZG Manufacturing at 1-800-417-9272 with the information recorded.

TROUBLESHOOTING

Symptom	Potential Cause	Possible Solution					
	Low hydraulic fluid	Add hydraulic fluid					
	Hard concrete around auger	Clean auger					
Auger will not turn	Ice in hopper	Clean hopper					
Auger will not turn	Discharge hose plugged	Clean hose					
	Pendant or cord damaged	Inspect, replace if needed					
	Blown fuse	Replace fuse					
	Wrong gasket in auger tube	Replace 1 1/4" ID Gasket with 6 5/8" ID Gasket					
	Discharge hose kinked	Lift hopper to higher elevation					
Hopper unloading slowly	Discharge hose damaged	Replace discharge hose					
	Auger turning in reverse	Press other hold to run button on pendant					
	Auger worn	Replace auger					
Concrete leaking from back of machine	Continuous use without grease	Replace rubber seal and power shaft adapter					
Grout continues to flow when auger is stopped	Valve not closing	Hold reverse button momentarily to close valve					
Hopper is difficult to swivel by pulling on discharge	Lack of grease	Grease spindle					
hose	Faulty support rollers	Replace support rollers					

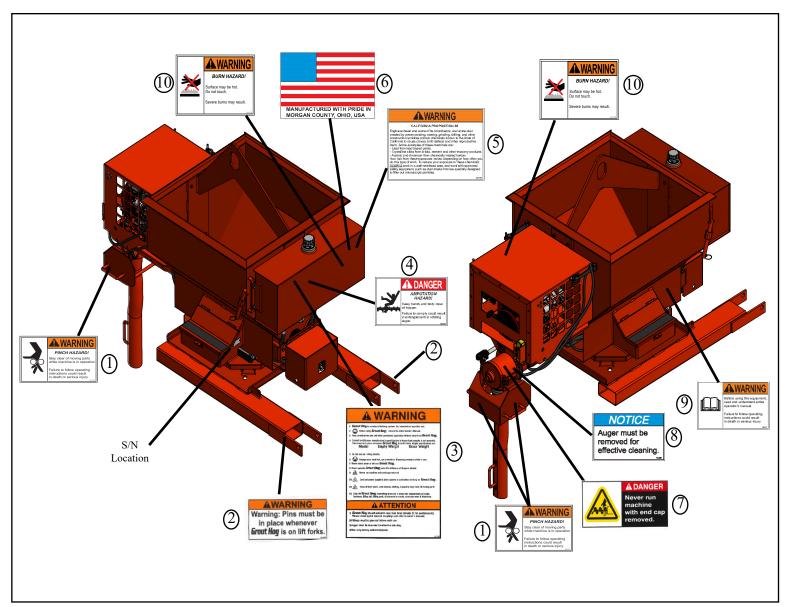
MAINTENANCE CHART

		First 100 Hours	After Use	Before Starting Motor	Every Time After Refueling	Before Starting Work	Monthly	Annually or 300 Hours	In the Event of Malfunction	Damaged	Refer to Honda Owner Manual Supplic with Machine
Complete Machine	Visual Inspection Condition			x	x						
·	Clean		x	х							
Hydraulic Filter	Replace	х						х		х	
Hydraulic Oil (5-10W	Check			х							
energul HPD-HD or equivalent)	Replace	х						х			
Honda Motor	Maintenance Repair & Safety										х
Hydraulic Hoses &	Replace								х	х	
Discharge Hose	Check			х							
Augor	Replace									х	
Auger	Clean		х								
Mamaina Danala	Replace									х	
Warning Decals	Clean		x			Х					
FCt	Functional Test					Х					
Emergency Stop	Replace								х	х	
Pendant Switch	Functional Test					Х					
Pendani Switch	Replace								х	Х	
End Cap & Rear Seal	Grease		X	х	х						
Lifu Cap & Real Seal	Replace								х	х	
Center Spindle	Grease						х				
Battery	Replacement		_						_		х

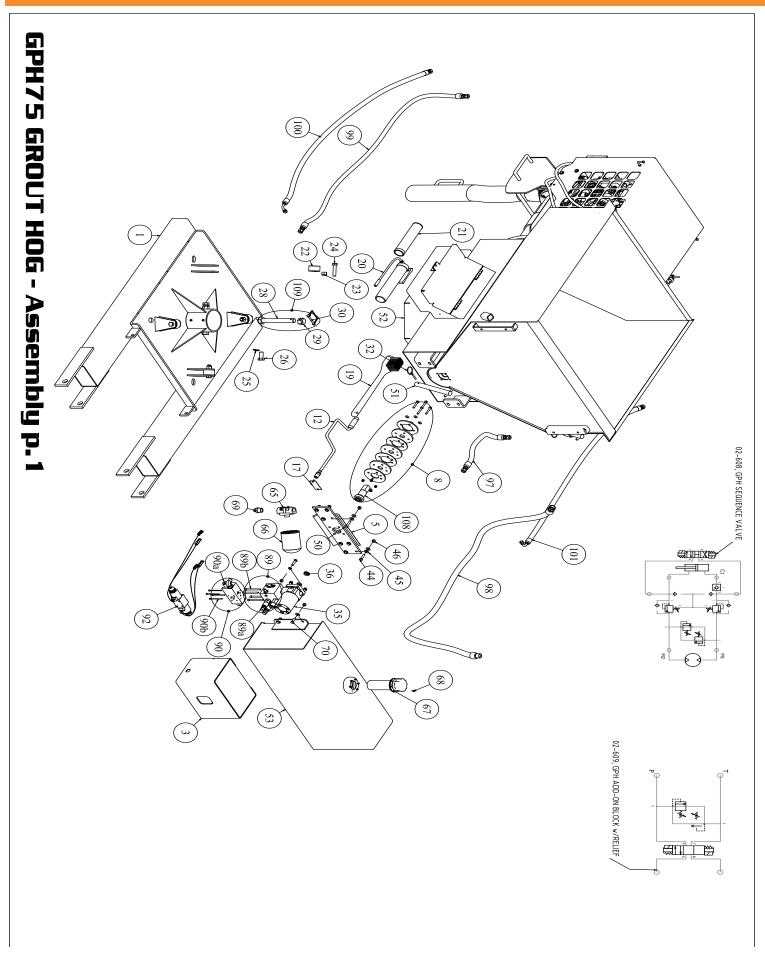
SERVICE RECORDS

SERVICE PERFORMED	DATE	INITIALS

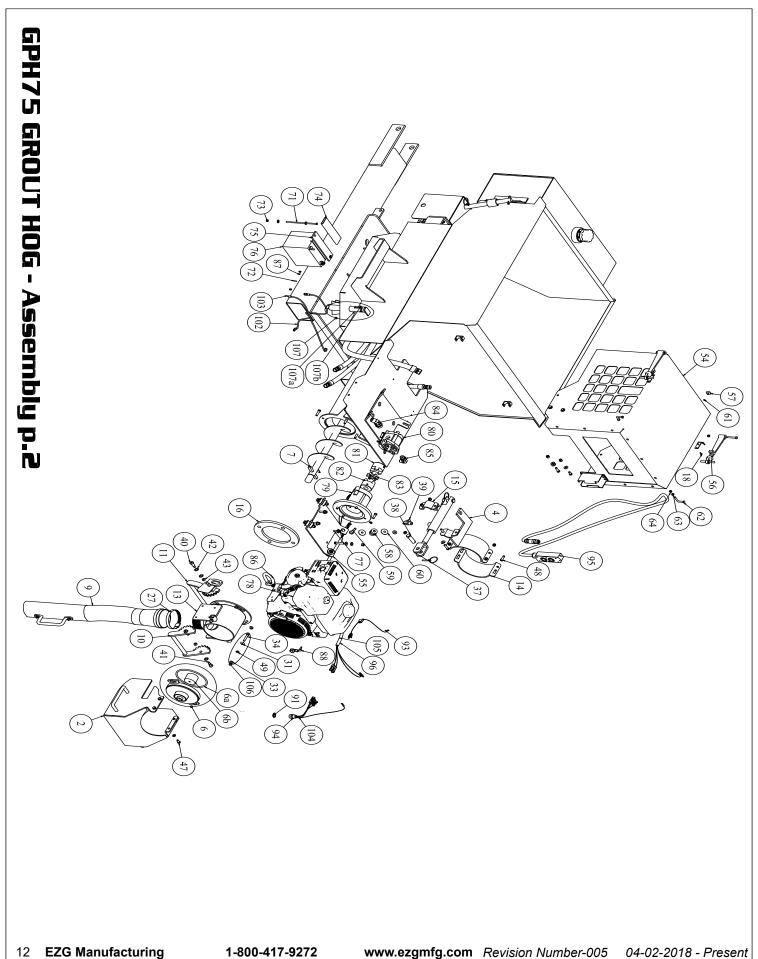
WARNING LABELS AND LOCATIONS



ITEM	PART NUMBER	DESCRIPTION	QUANTITY
1	16-131	Small Pinch Point Decal	3
2	16-133	Pins Must be in Place Decal	2
3	16-195	Grout Hog Weight Decal	1
4	16-104	Danger - Amputation Decal	1
5	16-193	Proposition 65 Decal	1
6	16-106	U.S. Flag Decal	1
7	16-105	Danger - End Cap Decal	1
8	16-200	Remove Auger for Cleaning Decal	1
9	16-177	Read Owners Manual Decal	1
10	16-112	Hot Surface	2



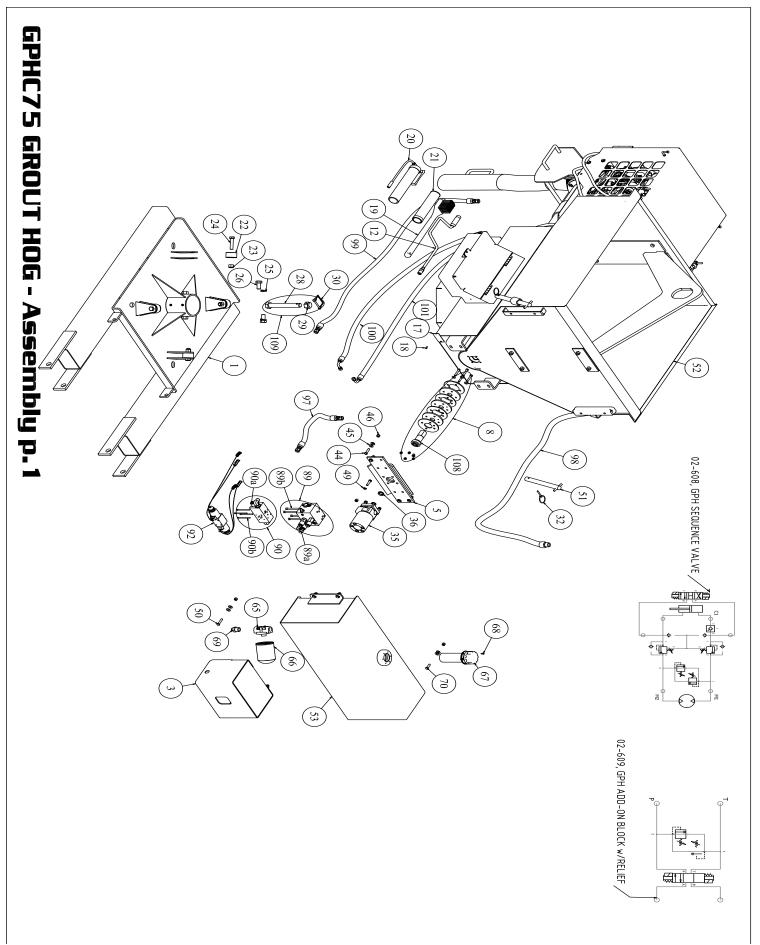
GPH75 ASSEMBLY DRAWING P. 2

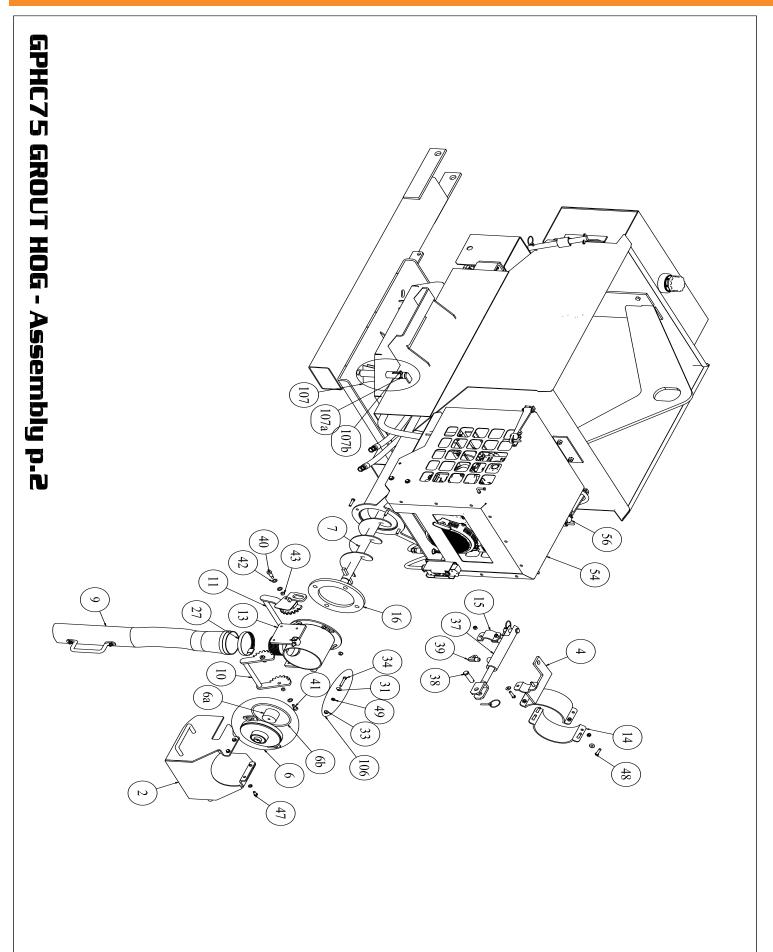


GPH75 PARTS LIST

Series	Grout Hog Motor Seal Kit Parker 1B Series						
	' O II M C I V'.t D TD (02-426	_		1 09-305 5/16"-18 x 2" GR5 Bolt	77 1	37 1 02-703 Grout Hog Cylinder 1 1/2" Bore x 4" Stroke
	GH-Swivel Bolt Kit	GH-A-31	1	109	03-177 Deka Trac 225 Battery	76 1	36 1 13-115 V-Ring, Dust Seal for GH Hydraulic Motor
	GH-Power Shaft Connector	GH-A-25	1	108	MH-61 MH12-20 Battery Hold Down	75 1	35 1 02-415 Grout Hog Parker Hydraulic Motor
	1/4" x 2" Roll Pin	09-410) 1	107b	1 12-115 1 1/2" Blue PVC Layflat Water Discharge Hose	74 1	34 2 09-339 3/8"-16 x 2" Full Thread Bolt
7	GH-Swivel Latch Pin 7/8" CR 8" Long	GH-534	1	107a	4 09-200 1/4'-20 Nylon Nut	73 4	33 6 09-214 3/8"-16 Flange Nut
ıbly	Grout Hog Swivel Locking Pin Assembly	GH-A-40	_	107	5 09-104 1/4" Flat Washer	72 6	32 4 09-400 1/4" Linch Pins
	Grout Hog-Snout Cap Bolt Kit	GH-A-29	-	106	09-384	71 2	2 09-206
	3/8" Polyloom	03-174	-	105	09-310		1 09-407
	1/4" Wire Loom	03-133	_	104	02-204	69 1	29 1 09-213 1"-8 Nylon Nut
	MH12/20 Positive Battery Cable 28"	MH-A-86	_	103	09-352	68 6	1 09-327 1" x 8" GR8 Bolt
	MH12/20 Negative Battery Cable 18"	MH-A-85	_	102	Hydraulic Fill Cap/Breather	67 1	2 12-100
to C	GH-Cylinder Hose Assembly-Right V to C	GH-A-23	-	101	1 02-316 Hydraulic Filter	66 1	26 2 09-329 3/4"-10 X 1 1/2" GR8 Bolt
0 C	GH-Cylinder Hose Assembly-Left V to C	GH-A-23	1	100	1 02-315 Filter Head 3/4" NPT	65 1	25 2 09-113 3/4" Lock Washer
	GPH-P to V Hose	GPH-A-16	_	99	3 09-202 5/16"-18 Nylon Nut	64 3	24 4 09-319 5/8"-11 X 2 3/4" GR5 Bolt
	GPH-T to P Hose	GPH-A-15	1	98	2 09-203 5/16"-18 Nut	63 2	23 4 09-210 5/8"-11 Nylon Nut
	GPH-V to T Hose	GPH-A-17	_	97	2 09-306B 5/16"-18 x 3" GR5 Bolt	62 2	22 4 15-139 RBC Y72L Bearing Support Cam Roller
	GPH-Wire Harness for Argo Valve	GPH-A-25	1	96	2 09-224 #10-24 Hex Nut	61 2	1 20-101 Delvac Xtreme Service Grease (10/pkg)
	Conn.				8 09-114 3/8" x 1 1/2" Fender Washer	8 09	20 1 11-119 Pistol Grease Gun w/Whip Hose 18"
v on	Woodhead Cont w/ Coil Cord & Screw on	GPH-A-22	1	95	4 09-314 3/8"-16 x 2 1/2" GR5 Bolt	59 4	19 1 11-108 Cleaning Brush
ectors	GPH-Female Screw Conn. w/ 3 Connectors	GPH-A-23	1	94	4 02-803 2-Piece Vibration Mount Neoprene	58 4	18 6 20-105 Rivets for Name Plates
	GPH-Fuse Holder Assembly	GPH-A-26	_	93	2 20-139 9541K310-24 Rubber Bumper	57 2	17 1 20-126 Blank Metal Plates
'S	GPH-Argo D03 Valve with Connectors	02-625-A-1	1	92	2 20-103 Hood Hold Down Strap	56 2	16 1 13-101 Grout Hog 10" OD x 6 5/8" ID x 1/2" T Gasket
	1/2" Steel Locknut	03-510	_	91	1 MH12-8 MH12-Mud Hog-Engine Isolation Plate	55 1	1 SS-11-P Snout Shut-off Cylinder Mount Strap
	#10-24 x 3" Socket Head Cap Screw	09-350	4	90b	1 GPH-A-2 GPH-Engine Hood Assembly	54 1	14 SS-15-P Snout Shut-off Tube Strap 7"
	Detrol Bi-Directional Relief	02-634	_	90a	GPH-A-1 GPH-16 Gal. Hydraulic Tank	53 1	13 1 GH-A-9 GH-7" Snout w/4" Discharge
	GPH-Add-on Block w/Relief	02-609	_	90	GPH-A-4 GPH-Hopper Assembly	52 1	12 1 GH-A-6 GH-Speed Wrench Assembly
crew	5/16" -18 x 3 1/2" Socket Head Cap Screw	09-348	4	89Ь	2 GH-521 GH/UGH Gout Hog-Fork Pin Assembly	51 2	11 1 GH-A-43 GH-7" Tube Rear Snout Shut-off Arm
	Hydraforce Sequence Cartridge	02-645	2	89a	4 09-311 3/8"-16 x 1 3/4" GR5 Bolt	50 4	10 1 GH-A-42 GH-7" Tube Front Snout Shut-off Arm
	GPH-Sequence Valve Assembly	02-608	_	89	6 09-102 3/8" Lock Washer	49 16	1 GH-A-27 GH-8" Discharge Hose w/Handle
	EZ Grout CorporationKeychain-Hog	20-152	2	88	7 09-312 3/8"-16 x 2" GR5 Bolt	48 7	1 GH-A-26 GH-Rear Seal Kit
	1/4"-20 x 3/4" GR5 Bolt	09-322	2	87	5 09-355 3/8"-16 x 3/4" GR5 Bolt	47 6	1 GH-A-16 GH-Auger (4 7/8" x 65 7/8"
	Model # HON 1412 Drainzit	20-120	-	86	3 09-204 3/8"-16 Nylon Nut	46 33	6b 1 13-109 Grout Hog End Cap O-Ring
otor	1/2" JICM to 5/8" ORM 90 DEG Adaptor	02-258	-	85	6 09-105 5/16" Flat Washer	45 56	6a 1 15-100 Auger Shaft Bushing 2 1/2" OD x 1.36" ID
otor	3/4" ЛСМ to 3/4" ORM 45 DEG Adaptor	02-259	_	84	4 09-308 3/8"-16 x 2" GR5 Bolt	44 14	1 GH-A-17 GH-7"End Cap w/Bushing
	Elastomeric Coupling Spider	15-118	-	83	4 09-205 3/8"-16 Nut	43 4	1 GH-A-13 GH-Hydraulic Motor Mount Plate Welded
	Maska 1" Bore Coupling	15-102		82	5 09-119 Shim 3/40" Thick x 1/2" ID x 7/8" OD	42 5	1 GH-A-12 GH-7" Tube Shut-off Cylinder Mount Assembly
	Maska 5/8" Bore Coupling	15-101		81	3 09-334 1/2" x 1/2" x 3/8" Thread-Shoulder Screw	41 3	1 GH-A-11 GH-Hydraulic Motor Guard Assembly
1-UGPH	DFC-GP-F20-10-P-C Gear Pump GPH-UGPH	02-515	_	80	1 09-349 1/2" x 1" x 3/8" Thread-Shoulder Screw	40 1	1 GH-A-10 GH-7" Tube-Snout Guard Assembly
	Pump Adaptor- All MH/GPH/UGPH	02-514	<u></u>	79		39 2	GH75 Base
	DESCRIPTION	PART NUMBER	ITEM QTY	ITEM	TY PART DESCRIPTION	ITEM QTY	ITEM QTY NUMBER DESCRIPTION IT
	PARTS LIST				PARTS LIST		PARTS LIST

GPHC75 ASSEMBLY DRAWING P. 1

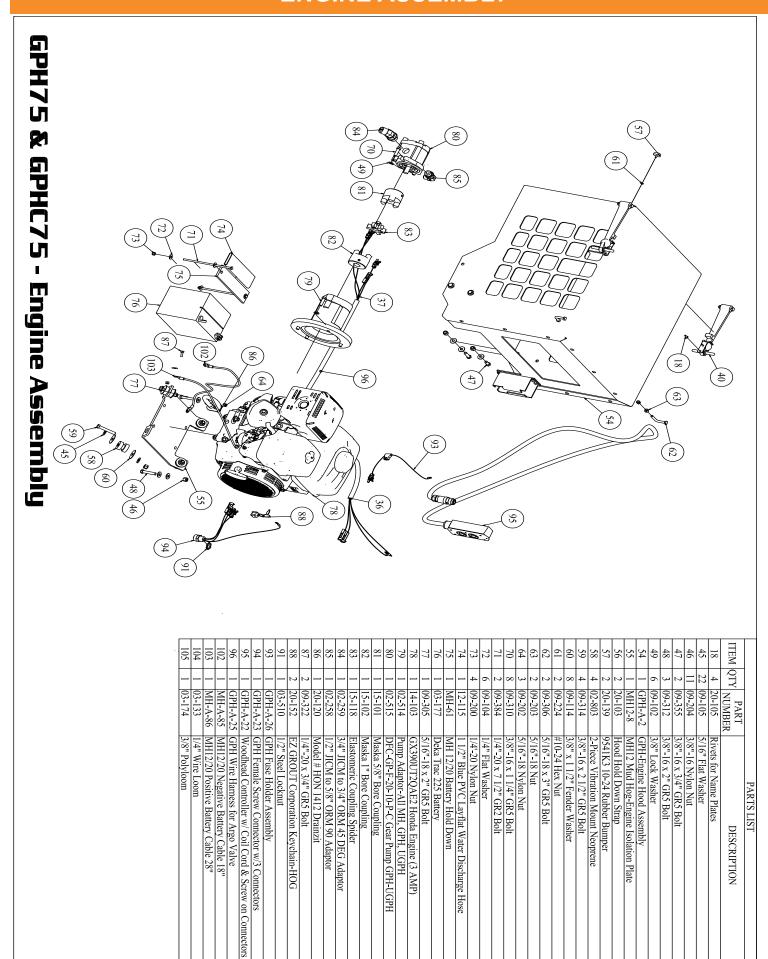




GPHC75 PARTS LIST

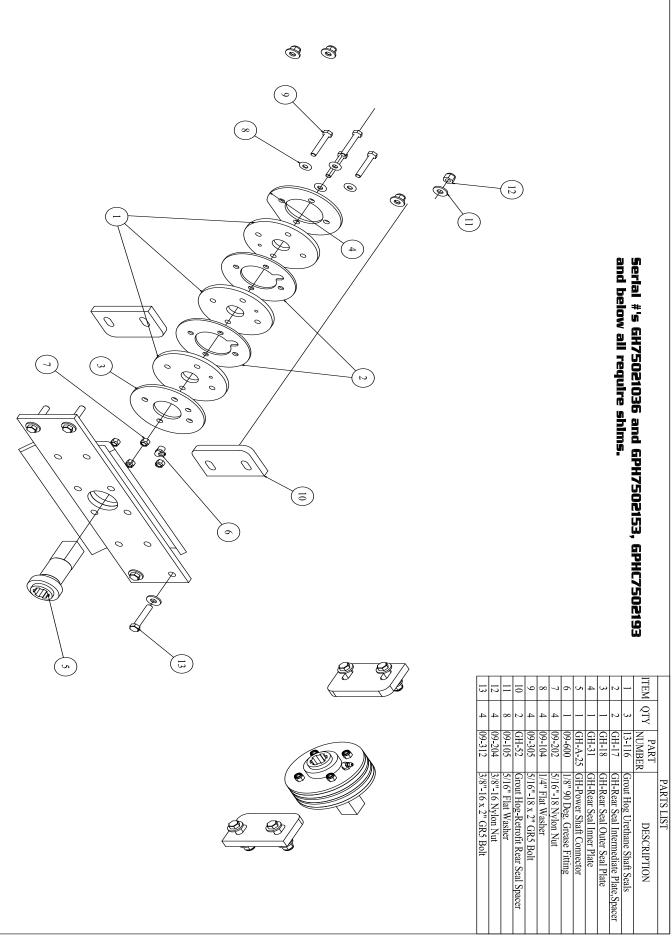
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30	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	∞	7	6ь	6a	6	2	4	ယ	2	-	ITEM		
- د	+	-	1	2	6	4	. 2	-	-	-	2	2	2	4	4	4	-	_	1	6	_	-	_	-	-	-	_	-	-	-	-	_	-	-	-	-	_	-	_	QTY		
00 420	02-703	13-115	02-415	09-339	09-214	09-400	09-206	09-407	09-213	09-327	12-100	09-329	09-113	09-319	09-210	15-139	20-101	11-119	11-108	20-105	20-126	13-101	SS-11-P	SS-15-P	GH-A-9	GH-A-6	GH-A-43	GH-A-42	GH-A-27	GH-A-26	GH-A-16	13-109	15-100	GH-A-17	GH-A-13	GH-A-12	GH-A-11	GH-A-10	GH-A-2	PART NUMBER		
City Bis 2/4" - 2/4" - 2/4"	Grout Hog Cylinder 1 1/2" Bore x 4" Stroke	V-Ring, Dust Seal for GH Hydraulic Motor	Grout Hog Parker Hydraulic Motor	3/8"-16 x 2" Full Thread Bolt	3/8"-16 Flange Nut	1/4" Linch Pins	3/8"-16 x 5/8" Square Nut	5/16" Latch Pin	1"-8 Nylon Nut	1" x 8" GR8 Bolt	Grout Hog 4" x 3/8" Hose Clamp	3/4"-10 X 1 1/2" GR8 Bolt	3/4" Lock Washer	5/8"-11 X 2 3/4" GR5 Bolt	5/8"-11 Nylon Nut	RBC Y72L Bearing Support Cam Roller	Delvac Xtreme Service Grease (10/pkg)	Pistol Grease Gun w/Whip Hose 18"	Cleaning Brush	Rivets for Name Plates	Blank Metal Plates	Grout Hog 10" OD x 6 5/8" ID x 1/2" T Gasket	Snout Shut-off Cylinder Mount Strap	Snout Shut-off Tube Strap 7"	GH-7" Snout w/4" Discharge	GH-Speed Wrench Assembly	GH-7" Tube Rear Snout Shut-off Arm	GH-7" Tube Front Snout Shut-off Arm	GH-8" Discharge Hose w/Handle	GH-Rear Seal Kit	GH-Auger (4 7/8" x 65 7/8"	Grout Hog End Cap O-Ring	Auger Shaft Bushing 2 1/2" OD x 1.36" ID	GH-7"End Cap w/Bushing	GH-Hydraulic Motor Mount Plate Welded	GH-7" Tube Shut-off Cylinder Mount Assembly	GH-Hydraulic Motor Guard Assembly	GH-7" Tube-Snout Guard Assembly	GH75 Base	DESCRIPTION	PARTS LIST	
3 3	77	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59	58	57	56	55	54	53	52	51	50	49	48	47	46	45	44	43	42	41	40	39	ITEM		
	-	-	1	1	4	6	2	12	-	6	1	1	-	သ	2	2	2	∞	4	4	2	2	-	-	1	-	2	4	16	7	6	33	56	14	4	5	ယ	_	2	QTY		G
07-500	09_305	03-177	MH-61	12-115	09-200	09-104	09-384	09-310	02-204	09-352	02-318	02-316	02-315	09-202	09-203	09-306B	09-224	09-114	09-314	02-803	20-139	20-103	MH12-8	GPH-A-2	GPH-A-1	GPHC-A-4	GH-521	09-311	09-102	09-312	09-355	09-204	09-105	09-308	09-205	09-119	09-334	09-349	02-250	PART NUMBER		UPML/
STORE TO A Z GIND DOIL	5/16"-18 v 2" GRS Bolt	Deka Trac 225 Battery	MH12-20 Battery Hold Down	1 1/2" Blue PVC Layflat Water Discharge Hose	1/4-20 Nylon Nut	1/4" Flat Washer	1/4"-20 x 7 1/2" GR2 Bolt	3/8"-16 x 1 1/4" GR5 Bolt	1/2" JICM to 3/4" NPTM Adaptor	#10-32 x 1/2" Thread Cutting Screw Type F	Hydraulic Fill Cap/Breather	Hydraulic Filter	Filter Head 3/4" NPT	5/16"-18 Nylon Nut	5/16"-18 Nut	5/16"-18 x 3" GR5 Bolt	#10-24 Hex Nut	3/8" x 1 1/2" Fender Washer	3/8"-16 x 2 1/2" GR5 Bolt	2-Piece Vibration Mount Neoprene	9541K310-24 Rubber Bumper	Hood Hold Down Strap	MH12-Mud Hog-Engine Isolation Plate	GPH-Engine Hood Assembly	GPH-16 Gal. Hydraulic Tank	GPHC-Hopper Assembly w/ Crane Bale	GH/UGH Gout Hog-Fork Pin Assembly	3/8"-16 x 1 3/4" GR5 Bolt	3/8" Lock Washer	3/8"-16 x 2" GR5 Bolt	3/8"-16 x 3/4" GR5 Bolt	3/8"-16 Nylon Nut	5/16" Flat Washer	3/8"-16 x 2" GR5 Bolt	3/8"-16 Nut	Shim 3/40" Thick x 1/2" ID x 7/8" OD	1/2" x 1/2" x 3/8" Thread-Shoulder Screw	1/2" x 1" x 3/8" Thread-Shoulder Screw	1/2" JICM TO 3/8" NPTM 90 DEG Adaptor	DESCRIPTION	PARTS LIST	/5 - Parts List
			109	108	107b	107a	107	106	105	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90b	90a	90	89b	89a	89	88	87	86	85	84	83	82	81	80	79	ITEM		
			_	_	-	-	1	-	-	-	-	-	-	_	_	_	_	_	_	-	_	-	_	4	_		4	2			2	-	_	-	-	-	-	-	-	QTY		
	02-426	02-426	GH-A-31	GH-A-25	09-410	GH-534	GH-A-40	GH-A-29	03-174	03-133	MH-A-86	MH-A-85	GH-A-23	GH-A-23	GPH-A-16	GPH-A-15	GPH-A-17	GPH-A-25	GPH-A-22	GPH-A-23	GPH-A-26	02-625 A-1	03-510	09-350	02-634	02-609	09-348	02-645	02-608	20-152	09-322	20-120	02-258	02-259	15-118	15-102	15-101	02-515	02-514	PART NUMBER		
	Grout Hog Motor Seat Kit Parker 1B Series	Grout Hog Motor Seal Vit Darker TB Series	GH-Swivel Bolt Kit	GH-Power Shaft Connector	1/4" x 2" Roll Pin	GH-Swivel Latch Pin 7/8" CR 8" Long	Grout Hog Swivel Locking Pin Assembly	Grout Hog-Snout Cap Bolt Kit	3/8" Polyloom	1/4" Wire Loom	MH12/20 Positive Battery Cable 28"	MH12/20 Negative Battery Cable 18"	GH-Cylinder Hose Assembly-Right V to C	GH-Cylinder Hose Assembly-Left V to C	GPH-P to V Hose	GPH-T to P Hose	GPH-V to T Hose	GPH-Wire Harness for Argo Valve	Woodhead Cont w/ Coil Cord & Screw on Conn.	GPH-Female Screw Conn. w/ 3 Connectors	GPH-Fuse Holder Assembly	GPH-Argo D03 Valve with Connectors	1/2" Steel Locknut	#10-24 x 3" Socket Head Cap Screw	Detrol Bi-Directional Relief	GPH-Add-on Block w/Relief	5/16" -18 x 3 1/2" Socket Head Cap Screw	Hydraforce Sequence Cartridge	GPH-Sequence Valve Assembly	EZ Grout CorporationKeychain-Hog	1/4"-20 x 3/4" GR5 Bolt	Model # HON 1412 Drainzit	1/2" JICM to 5/8" ORM 90 DEG Adaptor	3/4" JICM to 3/4" ORM 45 DEG Adaptor	Elastomeric Coupling Spider	Maska 1" Bore Coupling	Maska 5/8" Bore Coupling	DFC-GP-F20-10-P-C Gear Pump GPH-UGPH	Pump Adaptor- All MH/GPH/UGPH	DESCRIPTION	PARTS LIST	

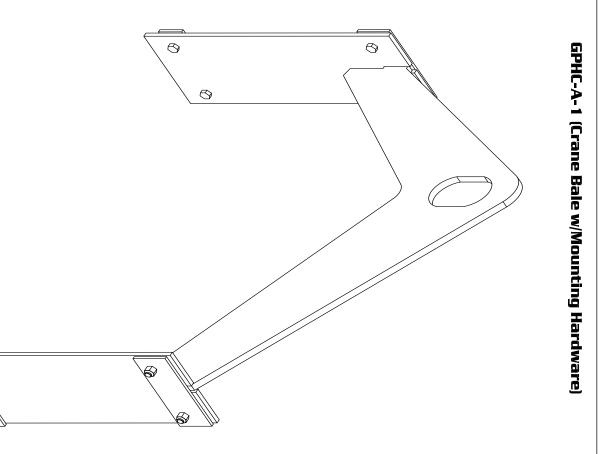
ENGINE ASSEMBLY



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'Revision Number-005





NOTES

WARRANTY

Limited Warranty

The manufacturer warrants that products manufactured shall be free from defects in material and workmanship that develop under normal use for a period of one year on all products from the date of shipment. The foregoing shall be the exclusive remedy of the buyer and the exclusive liability of the manufacturer. Our warranty excludes normal replaceable wear items, i.e. gaskets, wear parts, seals, O-rings, belts, drive chains, clutches, etc. Any equipment, part or product which is furnished by the manufacturer but manufactured by another, bears only the warranty given by such other manufacturer. (Manufacturer agrees to furnish free of charge a written description of problem or cause.) Warranty is voided by product abuse, alterations, use of equipment in applications for which it was not intended, use of non-manufacturer parts, or failure to follow documented service instructions. The foregoing warranty is exclusive of all other warranties whether written or oral, expressed or implied. No warranty of merchantability or fitness for a particular purpose shall apply. The agents, dealers, and employees of Manufacturer are not authorized to make modifications to this warranty, or additional warranties binding on the Manufacturer. Therefore, additional statements, whether oral or written, do not constitute warranty and should not be relied upon.

The Manufacturer's sole responsibility for any breach of the foregoing warranty provisions, with respect to any product or part not conforming to the Warranty or the description herein contained. is at its option (a) to repair, replace, or refund such product or parts upon the prepaid return there of to location designated specifically by the Manufacturer. Product returns not shipped prepaid will be refused (b) as an alternative to the foregoing modes of settlement - the Manufacturer's dealer may repair defective units with reimbursement for expenses. A written description of problem or cause must accompany all warranty claims.

Except as set forth here in above and without limitation of the above, there are no warranties or other affirmation which extend beyond the description of the products on the fact here of, or as to operational efficiency, product reliability, or maintainability or compatibility with products furnished by others. In no event, whether as a result of breach of contract or warranty or alleged negligence, shall the Manufacturer, be liable for special or consequential damages including but not limited to: Loss of profits or revenue, loss of use of the product or any associated product, cost of capital, cost of substitute products, facilities or services or claims of customers. Manufacturer does not assume responsibility for any accident due to equipment modification.

No claim will be allowed for products lost or damaged in transit. Such claims should be filed with the carrier within fifteen days.

Effective July 20, 2005

EZG Manufacturing is the exclusive manufacturer of the patented Grout Hog® Grout Delivery System the Mud Hog® Hydraulic Mixing Station, the Hog Trough® mud pan, the Hog Cart™, the Hog Slopper™, the Booger Hog® Wall Scrubber, the Hog Leg® Wall Brace System, and the Hog Crusher[™] Material Recycling System.

WARRANTY REGISTRATION

Contact:			
Company:			
Address:			
City:		State:	Zip:
Tel:		Fax:	
Cell:			
Email:			
Purchased From	m:		
Direct	Distributor:		
Purchase Date	:		
Serial No.			

Fax Warranty Registration form to 740.962.2037 or submit online at www.ezgmfg.com by clicking on "Products" then "Warranty Cards".

PLEASE COMPLETE THIS WARRANTY CARD, AND RETURN VIA MAIL, FAX, OR E-MAIL, WITHIN 30 DAYS OF PURCHASE TO VALIDATE YOUR MANUFACTURER'S WARRANTY FOR ALL EZG MANUFACTURING PRODUCTS. WARRANTY PROVISIONS OF THIS MACHINE ARE HANDLED DIRECTLY THROUGH THE MANUFACTURER.

EZG MANUFACTURING * 1833 North Riverview Road, Malta, OH 43758 PHONE 1-800-417-9272 * Email: warranty@ezgmfg.com * FAX 740-962-2037

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EZ SURVEY

Please take a minute to fill out the survey below so that we can better serve our customers.

1. Where did you first hear about EZG Manufacturing? (check one)

Masonry Magazine Website Newsletter

Masonry Construction Referral

Other:

2. What influenced you to buy?

Quality Easy to use Other Price

3. Who is your sales representative?

4. Are you satisfied with the customer service you received?

No Yes

Explain:

5. What other EZG Manufacturing products do you own?

6. Would you like to be featured in our newsletter?

Yes No

If yes, where can we reach you and what is the best time?

Comments: