

Hel Back

#10039

4 RSPH $\frac{1}{65}$ " AH-Bin

HYDRAULICS FINISH MATERIALS LIST

BEGINNING DATE
END DATE

PROJECT NO. 033313 HELZBACH

QTY	PART NUMBER	DESCRIPTION
8	2035-H50M121E4	PRIMARY SPROCKETS
6	2035-H45M14RE4X	SECONDARY SPROCKETS
2	2035-H45M10RB5X	CROSS SPROCKETS
3	2035-H45M10E4	LOWER SIDE SPROCKETS
1	2035-H45M10E4X	LOWER SIDE SPROCKET
3	2035-H45M10RE4X	UPPER SIDE SPROCKET
4	2035-H36M12RB5X	BIN FILL/BULK LOADER SPROCKETS
2	2035-H12512B5	STONE SPROCKETS
73	2035-00004	4" CARRY BACK
16	2035-00006	5" CARRY BACK
16	2035-01000	3 1/2" KRYPTANE W/OUT FLANGE
26	2035-01001	3 1/2" KRYPTANE W/ 5" FLANGE
28	2035-01008	3 1/2" STEEL W/OUT FLANGE
57	2035-01009	3 1/2" STEEL W/ 5" FLANGE
8	2035-01010	3 1/2" RUBBER W/OUT FLANGE
28	2035-01011	3 1/2" RUBBER W/ 5" FLANGE
1	2035-01030	3 1/2" STEEL W/ 8" FLANGE
14	2035-03001	R11A41
83	2035-07002	1 1/2" STAND OFF
8	2035-02008	SHAKER
6	2035-07003	2 1/4" STAND OFF
4	2035-06008	3 1/2" NARROW STEEL FLANGE
11	2035-07030	5/8" x 1/2" x 1 1/2" BUSHING
10	2035-07029	5/8" x 1/2" x 1 3/16" BUSHING
8	2035-06010	NOSE CONE ROLLER "SPECIAL"
2	2035-01005	2 1/2" STEEL W/OUT FLANGE
4	2035-01006	2 1/2" STEEL W/ 4" FLANGE
4	2024-0078	ENGINE MOUNT
4	1/2" x 3" DOCK WASHER	
4	3/4" x 4 1/2" HHCS	

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PROJECT NO. 033241

QTY	PART NUMBER	DESCRIPTION
8	1/2-13x 1 1/2 HHCS	
8	1/2 LOCK WASHER	
2	2014-22870	228 BN 70 - O-RING
1	2001-0039	FRB-5-1 FUEL PUMP
2	2024-0114	705-1026 CLAMP
1	30049-019	BY-PASS TUBE
1	2021-06158	SIGHT GAUGE
4	4A488	3/8" BARB x 1/4" MALE NPT
2	2001-0239	WAYTEK DISCONNECT SWITCH
2	2001-0296	WAYTEK COVER PLATE
4	2001-0064	BATTERY
8	2001-0062	BATTERY NUT 728006
1	2024-0098	5/8 BARB
1	2024-0100	3/4 BARB
2	2002-17	SERIAL # PLATES
7 QTS	2023-0208	SYNTHETIC GEAR LUBE
4 QTS	2024-0177	15W40
190 GAL	2036-0001	HYDRAULIC OIL
3	2014-22290	222 BN 90 O-RING
4	7/16-14x 1 1/4 HHCS GR 8	
12	7/16-14x 4" SHCS ALLOY	
12	7/16-4X COLLAR LOCK WASHER	
8	1/2-13x 4 1/2 HHCS	
8	1/2 LOCK WASHER	
16	M14x2x45mm HHCS 10.9	
16	14mm HI COLLAR LOCK WASHER	
16	M10x1.5x40mm HHCS 10.9	
16	10mm HI COLLAR LOCK WASHER	
3	2001-0260	BLACK HEAT SHRINK
3	2001-0259	RED HEAT SHRINK

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QTY	PART NUMBER	DESCRIPTION
1	2002-19	PINCH POINT DECAL
5	2002-06	SMALL Lenco stickers
5	2002-05	LARGE Lenco stickers
1	SW 200 2002-09	OVERHEAD WING sticker
2	2002-04	A/E DECALS
4	2002-14	THROWN OBJECT sticker
2	SW 401 2002-10	ROTATING PART HAZARD
3	SW 201 2002-08	HI PRESS. WARNING
12	2002-16	DAUGHTER DECAL
4	2002-07	MOVING PART HAZARD
1	2024-0019	8" Turbo II PRE-CLEANER
4	705-1013	HOSE CLAMPS 2024-0111
2	2004-36043	ULTRA GOLD CLIPS
7 FT	2024-0154	3/8" FUEL HOSE
18	2001-0263	3/8" EYE
6	2001-0264	1/2" EYE
33 FT	2001-0262	210 BATTERY CABLE
1	2030-02043	B 27084 AZKT CLEVIS
4	2030-02048	BRES2F
1	2021-23258	21 1/2 FT CONTROL CABLE
25 FT	2024-0082	5/8" HEATER HOSE
25 FT	2024-0083	3/4" HEATER HOSE
1	2024-0231	A14149618 J.D. CONDENSER
1	2024-0020	A/C HOSE KIT
1	2024-0134	A/C COMPRESSOR
1	2024-0120	A/C PRESS. SWITCH
1	2024-0133	A/C REC-DRIER
1		75 R 5641 (410) A/C FITTING
1		75 R 5648 (48) A/C FITTING
2	30007-003	CAB LIFT BRACKET

AFE New Equipment Chain Verification Sheet

Chain For Big Iron Equip / Helbach #10039 4SRPH65LAH

AFE Part #	Description	Brand	Location
2003-00653	1/2x33x50mm 2x60 2DNPL-1STPL HT - 109+ Ultra Gold Clips #50M12 REYX	Broekema	Primary (4) ✓
2003-00654	7/16x68x45mm 3x60 STSRT - 68+ (10') Ultra Gold Clips H 15M14 REYX	Broekema	Secondary (2) ✓
2003-00655	5/8x68x180mm 2x60 STSRT - 53+ (31') Ultra Gold Clips H 180 5LE	Broekema	Deviner (2) ✓
2003-00656	7/16x48x45mm 2x60 STSRT - 227+ (33 1/2') Ultra Gold Clips H 45M12 RR85X	Broekema	Rear Cross ✓
2003-00657	7/16x65x45mm 3x60 STSRT - 339+ (50') Ultra Gold Clips H 45M12 REYX-3T FYX	Broekema	Lower Side ✓
2003-00658	7/16x65x45mm 3x60 5DNSRT-1STSRT - 278+ (41') Ultra Gold Clips H 45M12 RR85X	Broekema	Upper Side ✓
2003-00659	7/16x40x36mm 2x60 STSRT - 338+ (40') Ultra Gold Clips 36M12 RR85X	Broekema	Bin Fill Conv ✓
2003-00660	7/16x40x36mm 2x60 STSRT - 229+ (27') Ultra Gold Clips 36M12 RR85X	Broekema	Bulkloader ✓
2005-4414012500	7/16x14x1.25in STPL - 423links (44') H12512B5	Noffsinger	Stone Conv

SHORTEN BIN FILL - 13 LINKS
 SHORTEN BULK LOADER - 4 LINKS
 SHORTEN CROSS - 35 LINKS

Dealer Rep _____ Date _____

Customer _____ Date _____

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PROJECT NO. SERVICE KIT

QTY	PART NUMBER	DESCRIPTION
1	30003-004	RIVET CUTTER
2	40000-004	CHAIN BINDER
2	30020-019	BRAKE BOLTS
3	2015-014	LE-10
2	2015-000	3702123A
4	2015-010	9V210
1	2021-00700	H70K O-RING KIT
1	2021-00900	H90K O-RING KIT
1	2015-003	HP2610
1	2021-10600	600# GAUGE
1	2021-15000	5000# GAUGE
1	2021-10000	10,000# GAUGE
2	GP6504-12-12-4	TEST TEE
1	6564-16-16-4	TEST TEE
1	GP 6504 08-08-04	TEST TEE
1	2403-16	842FS 16
4	GCP 04	DGA 20-1/4 NPT
4	TPO 04	TCM 20-7/16 UNEF
4	2021-16027	60257 SNUBBER
2	304-C-06	
2	304-C-08	
2	304-C-10	
2	304-C-12	
2	304-C-16	
2	2408-06	
2	2408-08	
2	2408-10	
2	2408-12	
2	2408-16	
2	6408-HHP-04	

HEL BACH

Thermo King

Fitting

Hose

Fitting

328" 1.

70R46015

#12 Hose CAB/PUMP

#12 Hose To #10 Fitt
STR-ML Insert

12FT 2.

70R44985

#8 Hose Pump/ TOP COND

70R44085

296" 3.

70R44965

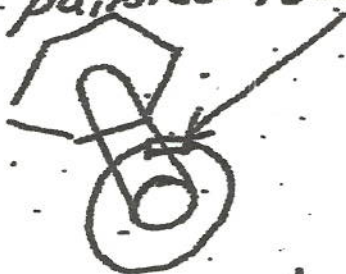
#6 Hose CAB/REC-DRYER 70R45065

13FT 4.

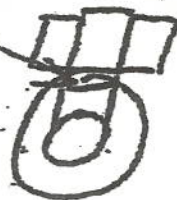
70R44965

#6 Hose Bottom/ REC-DRYER 70R44965

Painted numbers on Hose at 12 O-Clock



11 O-Clock



12 O-Clock

COMPRESSOR SERVICE FITTING

1- 75R5641 (#10)

1- 75R5648 (#8)

From: Paul Cieslewicz [mailto:paul@bigironequipment.com]
Sent: Thursday, December 31, 2009 11:34 AM
To: 'Greg Merrihew'
Subject: Manuf order form 2007.xls

Spe

Standard Equipment:
Full Width Digger Bed
QSx 450 HP Cummins Engine
4 Wheel Drive
Rear Tires: 6600-43 x 25 Terra
Front Tires: 1400-24 x 12 Tires

Front Steps
Strobe Light
Back-Up Beeper

Options

- * 40" Air Head
- * 50" Air Head
- * 65" Air Head

XXXXXXXXXX

Leveling:of AIRHEAD

- * Mechanical
- * Electrical

XXXXXXXXXX

Engine

- * QSM-360 HP Cummins
- * QSM-400 HP Cummins
- * 9 Liter- 350 HP John Deere
- * 13.5 Liter 400 HP John Deere
- * QSX-450 HP Cummins
- * QSX -510HP Cummins
- * 13.5 Liter 500 John Deere
- * 13.5 Liter 450 John Deere

XXXXXXXXXX

Rear Tires

- * 6600-43 x 25 Terra
- * 73x5000_-32

XXXXXXXXXX

Front Tires:

- * 17.5 x 24
- * 1400 x 24 x 12
- * 4800 x 25 x 12

XXXXXXXXXX

Steering:

- * No Rear Steering
- * 37 Degree Rear Steering

XXXXXXXXXX

Front Wheel Motors:

- * MS 18

XXXXXXXXXX

*MS 18 Plus 20%

Rear Wheel Motors:

*MS 50

*MS 83

XXXXXXXXXX

Row Spacing

* 32" with 30" chain

* 34" with 32" chain

* 36" with 33" chain

XXXXXXXXXX

* 36" with 34" chain

* 38" with 36" chain

Digger Blade Bracket

* Standard

* Rock Guard

XXXXXXXXXX

Digger Blades

* Regular Straight

* Extended Straight

* Clod Blades

* Sand Blades

XXXXXXXXXX w/1
nos

* Full Width Solid Blade 3/4" x 12"

* Regular Straight w/ Plastic Under

* Full Width Solid 3/4" X 12 w/ Bevel

* Full Width Solid 3/4" X 12 w/ Rod

Center Blades

* 12"

* 15"

XXXXXXXXXX

Primary Bed

* Full Width Common Lift

* Full Width Side to Side Control

XXXXXXXXXX ma

Primary Drive

* Top Drive

XXXXXXXXXX

* Reverse Drive

Primary Bed Chains

* Single Width Belted

XXXXXXXXXX

* Double Width Belted

Primary Belted Chains

* 45 mm All Straight Belted Chains

* 45 mm 2 Down & 1 Straight Belted Chains

* 50 mm All Straight Belted Chains

* 50 mm 2 Down & 1 Straight Belted Chains

XXXXXXXXXX

* 50 mm 1 Up & 2 Down Belted Chains

* 56 mm All Straight Belted Chains

Lockwood Style Chain, Double Belt Middle

Double Width Single Belt Middle

Secondary Bed Chains

* Single Belted SRT

*Full Belted SRT XXXXXXXX

Secondary Belted Chains

* 45 mm All Straight SRT XXXXXXXX

* 45 mm 2 Down & 1 Straight SRT

* 50 mm All Straight SRT

* 50 mm 2 Down & 1 Straight SRT

2nd Secondary

*No 2nd Secondary XXXXXXXX

*2nd Secondary Belted Chain

2nd Secondary Belted Chain Width

*No Second Secondary XXXXXXXX

*Single Belted Chains

*Full Belted SRT

2nd Secondary Belted Chains

*No 2nd Secondary XXXXXXXX

*45mm All Straight SRT

*45mm 2 Down & 1 Straight SRT

*50mm All Straight SRT

*50mm 2 Down & 1 Straight SRT

2nd Secondary Star Table Options

* No Star Table Option

* 5 Stars with Distributor Stars on Cross

* 6 Stars with 2 Adjustable Smooth Roll XXXXXXXX sam
and Distributing stars on cross, extra roll
star roll on left

Primary Drive Option

* 6,000 Hydraulic Motor w/Chain

* 6,000 Hydraulic Motor w/Gear Box

* VIS Direct Drive Motor XXXXXXXX

Secondary Drive Option

* 6,000 Hydraulic Motor w/Chain

* 6,000 Hydraulic Motor w/Gear Box XXXXXXXX

2nd Secondary Drive Option

*No Secondary XXXXXXXX

*6,000 Hydraulic Motor w/Chain

*6,000 Hydraulic Motor w/Gear Box

Deviner Drive Option

* 6,000 Hydraulic Motor w/ Chain

* 6,000 Hydraulic Motor w/ Gear Box XXXXXXXX

Reversing Valve Option

*No Reversing Valves

*Primary XXXXXXXX

*Secondary-Deviner XXXXXXXX

*2nd Secondary

Vibrator

*No Vibrator	
*Rotating Hydraulic Shaker Primary	
*Rocking Hydraulic Shaker Primary	
*Rotating Hydraulic Shaker Secondary	
*Lift in Shaker	
Override Chain	XXXXXXXX
*150 mm	
*180 mm	
*200 mm	XXXXXXXX
Vine Coulters	
*Double Disk Coulters-Shorter Hub-Spudnik	
*Kickers	XXXXXXXX
Bulk Loader	
*35"	
*40"	
Bulk Loader Chain	XXXXXXXX
*40 mm All Straight SRT	
*45 mm All Straight SRT	XXXXXXXX 36r
Self Leveling System	
*No Leveling System	
*Hydraulic Rear Cross & Side Elevator	XXXXXXXX
Rear Cross	
*40" Cross	
*48" Cross	
Rear Cross Chain	XXXXXXXX
* 45 mm All Straight SRT	
* 50 mm All Straight SRT	XXXXXXXX
Rear Cross Table Option	
*No Star Table Chain Only	
*Star Table	
Vine Belt Option-Top Side Elevator Return Conveyor	XXXXXXXX
*No Vine Belt	
*40" Vine Belt w/Fan and Distributing Stars	
*50" Vine Belt w/Fan and Distributing Stars	
*65" Vine Belt w/Fan and Distributing Stars	
*40" Vine Belt w/Fan and Stars w/Distributing Stars and Steel Roll leading onto Vine Belt	
*50" Vine Belt w/Fan and Stars w/Distributing Stars and Steel Roll leading onto Vine Belt	
*65" Vine Belt w/Fan and Stars w/Distributing Stars and Steel Roll leading onto Vine Belt	XXXXXXXX
Lower Side Elevator Ellis Star Table	
*No AFE Table	
*AFE Table	XXXXXXXX
M-Table	
*No M-Table Option	
*40" with Dist Stars	XXXXXXXX
*50" with Dist Stars	
*65" with Dist Stars	

Sort Table or Bin Fill

*No Sort Table (if ordering Bin)

*35"

xxxxxxxx no

*40"

Sort or Bin Fill Table Belted Chain

*No Belted Chain

*45mm All Straight SRT

xxxxxxxx 36r

*50mm All Straight SRT

Stone Conveyor

*Belted Chain

*Hook Chain

xxxxxxxx

Bin 5 Degree

*No Bin

*Bin with In Tank Fill Conveyor and Sonic Control

xxxxxxxx

*35" Fill Conveyor

xxxxxxxx

*40" Fill Conveyor

* Flights on Belt, "V" shaped every 24"

Hydraulic Gauges

* Electronic

xxxxxxxx

* Mechanical

Camera Systems:

Deflector for AirHead Discharge:

xxxxxxxx hyd

Flow Controls

*Flow Control with Actuator

xxxxxxxx boc

w/s

*Flow Control with Actuator and Gauge

Primary Plates: 4" extensions on outside

xxxxxxxx san

Raise Cab 12":

xxxxxxxx too

par:

Stone Conveyor Flooring:

*Open under Airhead

xxxxxxxx soli

par:

*Solid under Airhead

Comments:

would like same flooring as paramounts floor so dirt can fall threw.

Estimated Delivery Date:

Dat

Customer:

Dat

Dealer:

Dat

Manufacturer:

Dat

Please Indicate Noffsinger or Broekema (N=Noffsinger / B=Broekema)

Here is the items we talked about

- 1.) Door made for checking oil on engine
- 2.) Anti-wrap bars on primaries (1/2x2 on edge - like Heartland's)
- 3.) 13 pt stars (Brokema)
- 4.) Cut out back of tube.(Cut down Bin - like Heartlands only more)
- 5.) Change drive sprocket on rear cross to #60 - 13 tooth.
- 6.) Bottom of secondary rollers adjustable like sides are.(Adj. Noses)
- 7.) Double cut keys on primary shaft 180 degrees apart
- 8.) Double cut keys on secondary add 3 inches of shaft to both ends.(So shaft can be pulled out and turned around)
- 9.) Heartland's Snap roller on vine chain is in different spot.(Top Snap Roller should be just ahead of bottom roller (5-6") Standard
- 10.) Clean up and cover center bearings on Ellis table.(Install Frisbees on insides to clean-up and stop rocks from wedging)
- 11.) Clean up and cover ends of shafts as to prevent small stones from getting caught
- 12.) Install a pressure switch on Ellis table
- 13.) Install a pressure switch on rear cross
- 14.)
- 15.) Thickness of steel rollers in Ellis table(use 1/4" Wall Tube on Snap Rolls and AFE Smooth Rolls)
- 16.) Relocate cross brace underneath Dist rollers so rocks can't get caught(Move 2x2 @ end on cross)
- 17.) 3 inch cylinders on clean outs
- 18.) Straight thru shaft on fan for porcupine belt(Check w/ Greg / Pauly)
- 19.) Flat belt w/c section.(V' Belt on bottom of Bin Belt(STandard)
- 20.) Front roller on tube should be able to just flip over with keys on both sides(Make Bin Drive Shaft long enough to flip over)

- 21.) 14" side on boom
- 22.) Move hydraulic lines where tub dumps onto boom so it doesn't build up with dirt(UHMW did not work for Heartland's Pivot)???
- 23.) Confirm 316 gallon fuel tank
- 24.) All brokema chain w/threaded splice clips
- 25.) Wide grate by door and toolbox for step into Cab(Cab raised 12")
- 26.) Double 3.5" roller on trash chain(on Deviner Chain even up under primary)
- 27.) Primary Nose rollers(Check w/ Pauly)
- 28.) 4" ag roller In primary w/2.25" standoffs-don't remember what the exact length we measured??
- 29.) 1/2x4 Flat welded to replacement nose (same as Heartland's)
- 30.) #80 Chain on Top & Bottom Side Conveyors
- 31.) Painted Red w/ Silver/Gray Rims & Black Shields, Engine, & Pumps(Same as Grass Farms' Harvester)