



DRILL

GP
SHAY

H02-232
SEP

Brothers HDD Inc.
2002 23 Avenue,
Wainwright, Alberta
T9W 0B8
780-214-7711

Field Requisition Form for Tools, Parts, & Consumables

Information

- Pistons and liners for Vermeer apex pump
- Michels SK 2601-001 **UNIT # 116**
- Wednesday, February 25th 2026, 9:29 AM (MST -07:00)

General Information

- Date: February 25, 2026
- Location: Michels East
- Job # 2601.001
- Site Supervisor: Shay Kropf

Item Details - List all items clearly

- Tool/Part/Consumable Description Liners and pistons for Triplex
- Quantity: Number of Items Needed 3x
- Serial/Part Number if applicable: No Response
- Special Instructions (ie. Specific brand, model or usage details)
 No Response

Urgency of Request:

- ☒ High Priority - Required within 1-2 days

Comments or Delivery Instructions:

- To be hotshotted

Signatures

- Worker Submitting the Request Kirk Bauming
- Site Supervisor Shay Kropf

Signatures

Kirk Bauming, *Construction Coordinator - BC*



February 25th 2026, 9:29 AM (MST -07:00)



53.887351, -119.1118488

A handwritten signature in black ink, appearing to be 'KB'.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116



Michels DL 2601-006



Thursday, February 19th 2026, 4:17 PM [MST -07:00]

Unit Information

Date:  February 19, 2026

Select Unit Number:  116

KMs: # 888

Hours: # 2250

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

- DAN SETTING OUT



Heads are leaking - mud pump heads replacement required - Liners are newer and likely still ok - apex pump for 100x140

PISTONS FROM UPSTAIRS

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:



High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:



Field Repaired



FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



Shay Kropf

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Shay Kropf, *Driller*



February 19th 2026, 4:17 PM (MST -07:00)



54.4040328, -118.2922646

Ron Jerome, *Supervisor*



February 19th 2026, 4:43 PM (MST -07:00)



52.8512121, -110.8419979



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 116

 Michels DL 2601-006

 Thursday, February 19th 2026, 4:17 PM [MST -07:00]

Unit Information

Date:  February 19, 2026

Select Unit Number:  116

KMs:  888

Hours:  2250

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos): - DONE

 Heads are leaking - mud pump heads replacement required - Liners are newer and likely still ok - apex pump for 100x140

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

 FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



Shay Kropf

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Shay Kropf, *Driller*



February 19th 2026, 4:17 PM (MST -07:00)



54.4040328, -118.2922646





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116

Michels SK 2601-001

Wednesday, February 18th 2026, 1:02 PM [MST -07:00]

Unit Information

Date: February 15, 2026

Select Unit Number: 116

KMs: # 0

Hours: # 2393

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

Service engine

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Repairs completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

 FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



Colton Wookey

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Colton Wookey, *Mechanic*



February 18th 2026, 1:02 PM [MST -07:00]



55.3093923, -118.7970329



Ron Jerome, *Supervisor*



Approved



February 18th 2026, 3:36 PM [MST -07:00]



52.8512624, -110.8420304





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Field Requisition Form for Tools, Parts, & Consumables

Information

 Rig 116

 BHDD Office

 Friday, January 30th 2026, 12:06 PM (MST -07:00)

General Information

Date:  January 30, 2026

Location:  Michels

Job #  2601006

Site Supervisor:  Shay Kropf

Item Details - List all items clearly

Tool/Part/Consumable Description  6 boxes of DEF, 2 pales of hydraulic oil

Quantity: Number of Items Needed  6, 2

Serial/Part Number if applicable:  No Response

Special Instructions [ie. Specific brand, model or usage details]

 No Response

Urgency of Request:

☒ Critical - Immediate attention needed

Comments or Delivery Instructions:

 Will pick up and bring to workers hotel

Signatures

Worker Submitting the Request

 Rich Bryant

Signatures

Rich Bryant, *Safety Lead*



January 30th 2026, 12:06 PM (MST -07:00)

R.B.



DELL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116



Michels SK 2601-001



Saturday, January 31st 2026, 9:33 AM [MST -07:00]

Unit Information

Date:  January 24, 2026

Select Unit Number:  116

KMs:  0

Hours:  2045

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):



Check over rig, checked mud system and sensor, checked screen calibration

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:



Repair completed

Location of repairs being completed:

Pick the location where the repairs were completed:



Field Repaired

FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



Colton Wookey

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Colton Wookey, *Mechanic*



January 31st 2026, 9:33 AM (MST -07:00)



55.309396, -118.7974705

A handwritten signature in black ink, consisting of a large 'C' followed by a stylized 'W'.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7717

Maintenance Request / Report Form

Information

116

 Michels SK 2601-001

 Saturday, January 31st 2026, 9:36 AM [MST -07:00]

Unit Information

Date:  January 25, 2026

Select Unit Number:  116

KMs:  0

Hours:  2045

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Replaced upper finger grab cylinder

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Repair completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



Colton Wookey

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Colton Wookey, *Mechanic*



January 31st 2026, 9:36 AM (MST -07:00)



55.309396, -118.7974705

A handwritten signature in black ink, appearing to be 'CW'.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116



Carbonex CBB 2511-008



Saturday, November 29th 2025, 1:44 PM [MST -07:00]

Unit Information

Date:



November 29, 2025

Select Unit Number:



116

KMs:



1675

Hours:



1675

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Report - Field completion of maintenance.

SENT

Repairs Required

Description of Repairs Required (attach photos):

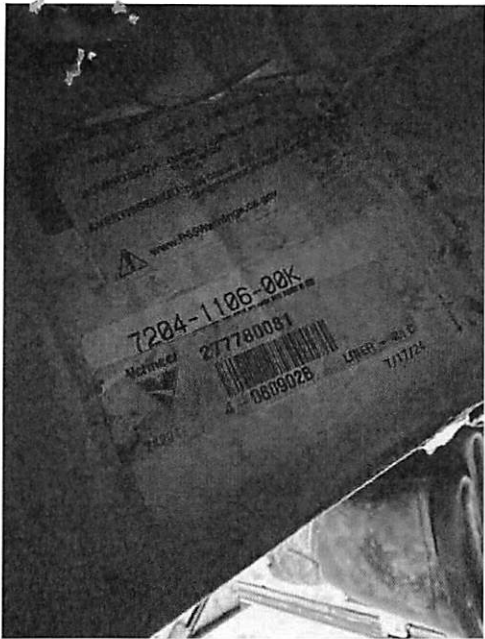


Need 6 heads for the liners I have please, heads and liners are getting wore out, I have 3 liners and a full set of valves and seats,

Serial/Part # if applicable:



No Response



Urgency of Repairs:

Select priority level of repairs:

- ☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

- ☒ Grande Prairie Shop

Requested By:

Worker Requesting Repairs:



Colin Budda-Binder

Signatures

Colin Budda-Binder, *Supervisor*

November 29th 2025, 1:44 PM [MST -07:00]

54.5621851, -118.9987893



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116

Carbonex CBB 2511-008

Wednesday, November 26th 2025, 12:29 PM (MST -07:00)

Unit Information

Date: November 26, 2025

Select Unit Number: 116

KMs: # 0

Hours: # 1648

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

Need bolt / ASSEMBLY / WEAR PADS.

EDM VERMEER TO GP
NOV 26 (2025)

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:

 Byron Nurse

Additional Photos



I need the allen key bolt assembly that goes through the clamp assembly pleasr

Original

Current View

Byron Nurse, *No title*

 November 26th 2025, 12:29 PM [MST -07:00]

 54.5621497, -118.998647



Revised on November 26th 2025, 12:41 PM [MST -07:00]

Byron Nurse, *No title*

 November 26th 2025, 12:41 PM [MST -07:00]

 54.5621497, -118.998647





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116

Benedict JS 2511-004

Saturday, November 15th 2025, 7:17 AM (MST -07:00)

Unit Information

Date: November 15, 2025

Select Unit Number: 116

KMs: # 0

Hours: # 1583

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

Ditch witch power pack batters not changing fully. Batters or charger problems.

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs: Jesse Skorlatowski

GREGG DIST P.U.

Signatures

Jesse Skorlatowski, Driller

November 15th 2025, 7:17 AM (MST -07:00)

54.2244819, -116.8179738



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 116



Strathcona JS 2511-003



Thursday, November 6th 2025, 5:10 PM (MST -07:00)

Unit Information

Date:



November 6, 2025

Select Unit Number:



116

KMs:

#

0

Hours:

#

1525

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



Anchor body bent

/ FRAME REPAIR

COMPLETE.



Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Wainwright Shop

Requested By:

Worker Requesting Repairs:  Jesse Skorlatowski

Signatures

Jesse Skorlatowski, *Driller*

 November 6th 2025, 5:10 PM [MST -07:00]

 52.336575, -109.9369682





Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DIZILL

Maintenance Request / Report Form

Information

116

Strathcona JS 2511-003

Tuesday, November 4th 2025, 7:03 PM (MST -07:00)

Unit Information

Date: November 4, 2025

Select Unit Number: 116

KMs: # 0

Hours: # 1521

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

DEF issue limp mode Vermeer coming out and anchors bent new ones on the way with Vermeer

INSTALLED ANCHORS / REGEN
FORCE BURN
NOV 5/25

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:



Jesse Skorlatowski

Signatures

Jesse Skorlatowski, *Driller*

A handwritten signature in black ink, appearing to read 'J. Skorlatowski'.

November 4th 2025, 7:03 PM (MST -07:00)



52.3367015, -109.9372428



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 116

 Wallys CB 2509-008

 Sunday, October 19th 2025, 9:57 AM [MDT -06:00]

Unit Information

Date:  October 19, 2025

Select Unit Number:  116

KMs: # 0

Hours: # 0

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

-  Need dies for Vermeer 100/140
-  Sleeve of thread tape

Serial/Part # if applicable:  No Response



Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:

 Jesse Skorlatowski

Signatures

Jesse Skorlatowski, *Driller*

 October 19th 2025, 9:57 AM (MDT -06:00)

 52.7890786, -112.4387534





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

116

REF # 60197683444

Wallys CB 2509-008

Saturday, October 4th 2025, 12:09 PM [MDT -06:00]

Unit Information

Date: October 4, 2025

Select Unit Number: 116

KMs: # 0

Hours: # 1406

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

Completing service in the field OIL/FUEL/AIR

ENTERED
Nov 27 2025

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ I'm doing the service in the field

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:



Jesse Skorlatowski

Signatures

Jesse Skorlatowski, *Driller*



October 4th 2025, 12:09 PM (MDT -06:00)



52.8612507, -112.4474295

A handwritten signature in black ink, appearing to read 'Jesse Skorlatowski'.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 116

 FSJ Shop

 Friday, July 25th 2025, 9:40 AM [MDT -06:00]

Unit Information

Date:  July 25, 2025

Select Unit Number:  116

KMs:  001

Hours:  1056

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

-  Adjust shuttle arms.
- Build liner wash/filter system.
- Weld rod guide plate
- Drain pump power side/drive planetarys.
- Replace blow-down water valve/plate.
- Install external speaker.
- Fix shuttle arm safety guide brackets.
- Omni wrap hoses on rub points.

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Low Priority - Repair at earliest convenience

Pick the location where the repairs were completed:



Ft St. John Shop

Requested By:

Worker Requesting Repairs:



Colin Budda-Binder

Signatures

Kirk Bauming, *Construction Coordinator - BC*



July 25th 2025, 9:40 AM (MDT -06:00)



56.2288283, -120.8333592

VERMEER CANADA, INC.
 27025 96 AVE
 ACHESON INDUSTRIAL PARK
 780-484-3600 780-451-5830
 ACHESON AB T7X 6J2

7

Account#	Work Ord	Brc	Sls	B / O R E L E A S E	Date	Time	Order #	Page
		211	529	P I C K I N G L I S T	07-09-25	15:56	362359	1
				Ebo Order# 21121942B				

Sold To: 001
 BROTHERS HDD INC.
 2002 - 23 AVENUE

Ship To:
 BROTHERS HDD INC.
 #2 REINHARD INDUSTRIAL PARK

WAINWRIGHT AB T9W 0B8 LLOYDMINSTER AB L9V 1Y4
 Ship Via CALL

Entered By zgaut230	Customer Purchase Order 12845	Customer Contact RON 306-557-2440	Ord Date 07-07-25
Model	Serial Number	Equip ID	Customer Job # Customer Phone # 780-875-8845

Ord	Ship	B/O	Mfg	Part Number	Description	Bin	Unit Price	UM	Extended
-----	------	-----	-----	-------------	-------------	-----	------------	----	----------

G.S.T. # 86352-8493

PRICES IN CANADIAN FUNDS

PLEASE DO NOT PAY - THIS IS NOT AN INVOICE

1	1	VER 296357267	V07E7	31.68EA	31.68
Ship-->	1	ARM, WATER VALVE W/ DUMP VALVE			
1	1	VER 296367565	V04J2	884.08EA	884.08
Ship-->	1	MAINTENANCE KIT			
		cust supplied #s			
	1	FRT INCOMING FREIGHT CHARGE		95.00	95.00
		GST		5%	50.54

SIGNATURE: _____ DATE: _____
 TERMS & CONDITIONS ARE: _____ Total Amount
 ON THE REVERSE SIDE OF DOCUMENT FOR PRINTED COPIES
 OR
 ATTACHED SEPARATELY FOR ELECTRONIC VERSIONS Total Weight
 0.8

1,061.30



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

ORDERED JULY 6/25

Maintenance Request / Report Form

Information

116



Excel CB 2507-003



Monday, July 7th 2025, 2:15 PM [MDT -06:00]

Unit Information

Date:  July 7, 2025

Select Unit Number:  116

KMs: # 1020

Hours: # 1020

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

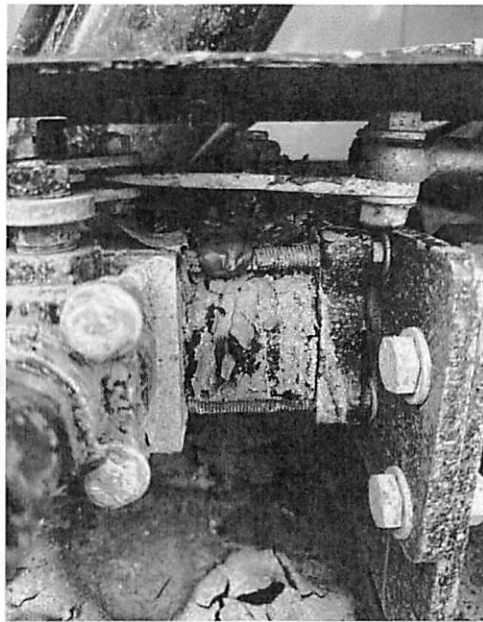
☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

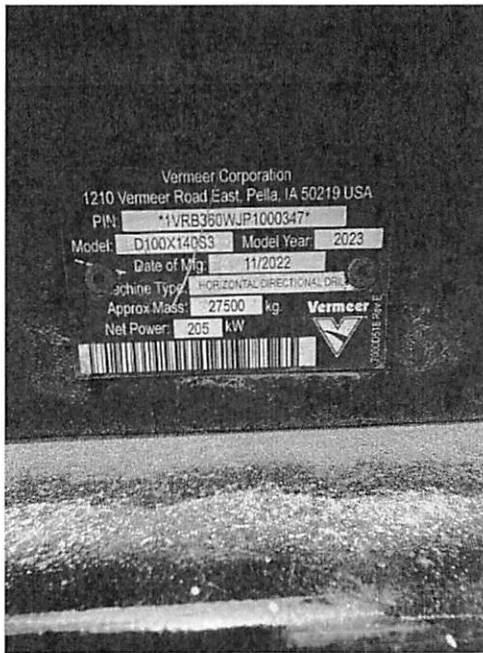


Water shut off valve washed out! Need spare water shut off valve and bracket for shut off valve. The bracket that opens and closes the valve is mucked out



Serial/Part # if applicable:

— No Response



Urgency of Repairs:

Select priority level of repairs:



Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:



Ft. St. John Shop

Requested By:

Additional Photos



Signatures

Colin Budda-Binder, *Supervisor*

 July 7th 2025, 2:15 PM (MDT -06:00)

 55.6591019, -119.768628





Valve - Ball (Fig. # 09-05)

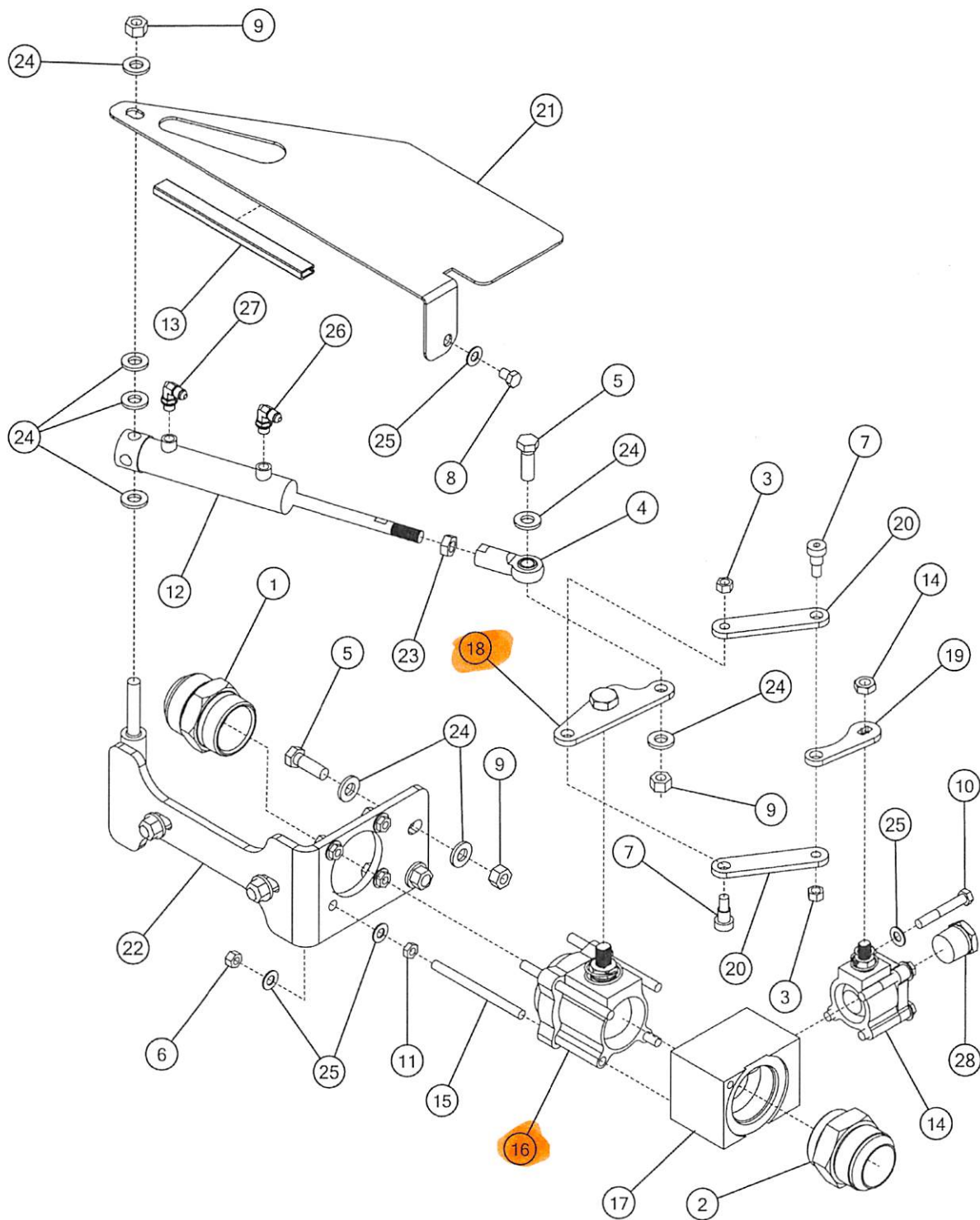
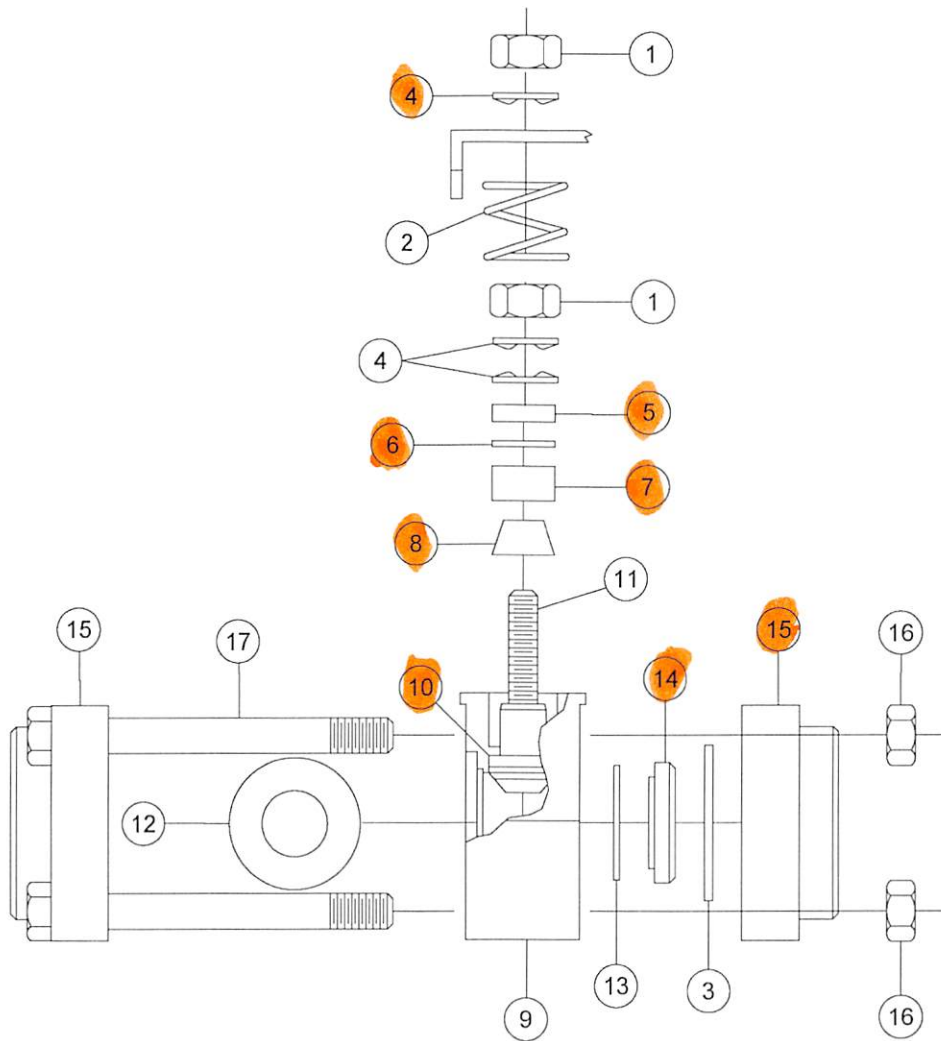


Illustration No. 296357266 - Not For Ordering

Valve - Ball (Fig. # 09-05)

REF NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	158004001	FITTING-STR-32MJ-32MNPT TOMPKINS 2404-32-32	1	
2	163620404	FITTING - STR - 32MJ - 32MORB	1	
3	163621963	NUT-CTRLOCK-.38-16-GR5	2	
4	224291001	BALL JOINT 1/2-20 FEMALE THREADS	1	
5	235721001	SCREW-HCS-.50-13X1.50-GR8	5	
6	235725001	NUT-HEX-.38-16-GR8	4	
7	240056001	SCREW-SHSS-38-16X.60-.50X.50-SHLDR	2	
8	240310001	SCREW-HCS-.38-16X.50-GR8	1	
9	250512001	NUT-TLHEX-.50-13-C	6	
10	250529001	SCREW-HCS-.38-16X2.50-GR8	4	
11	250576001	NUT-HEXJAM-.38-16-GR8	4	
12	296285658	CYLINDER 1 X 3 1/2	1	Breakdown Fig 9-05T02
13	296303709	TRIM LOK	1	
14	296315057	S-65EF12 BALL VALVE CENTER ASY /& ONE END CAP	1	
14	296481909	MAINTENANCE KIT	1	
15	296357256	CLAMPING ROD	4	
16	296357264	VALVE BALL	1	Breakdown Fig 9-05T01
17	296357265	BLOCK, DUMP VALVE MOUNT 2" FLOW, 1" RELIEVE	1	
18	296357267	ARM, WATER VALVE W/ DUMP VALVE ARM	1	2 RUSH 1 1/2 wk \$ 31.68
19	296357268	LEVER - DUMP VALVE	1	
20	296357269	LINK, DUMP VALVE ARM	2	
21	296357271	PLATE - CYLINDERSHIELD	1	
22	296357277	BALL VALVE CYLINDER MOUNT	1	
23	3888001	NUT-HEXJAM-.50-20-GR2	1	
24	485025	WASHER-FLATSAE-.50X1.06-.10-F436	14	
25	510337635	WASHER-FLATSAE-.38X.81-.07-LCS	13	
26	59423001	FITTING-90-4MORBA-4MJ	1	
27	601543001	FITTING-4MORX4MJIC 90 W/.032R	1	
28	73120001	FITTING-1.0-HEX-PLUG	1	

Breakdown-Water Shut-Off Valve (Fig. # 09-05T01)



Breakdown-Water Shut-Off Valve (Fig. # 09-05T01)

REF NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	287053004	NUT - STEM	2	
2	287053003	SPRING - GROUNDING	1	
3	296367562	O-RING	2	
4	287053005	SPRING - STEM	3	
5	287053006	GLAND	1	
6	287053007	SUPPORT - PACKING	1	
7	296367555	PACKING-TOP	1	
8	296367556	PACKING-BOTTOM	1	
9	296367557	BODY-CYLINDER	1	
10	296367558	BEARING-STEM	2	
11	287053012	STEM	1	
12	296367559	BALL	1	
13	296367560	RING SUPPORT	2	
14	296367561	SEAT/SEAT SPRING	2	
15	296367563	FLANGE	2	
16		NUT-BODY	8	
17		CAP-SCREW	4	
	296357264	VALVE BALL	A/R	Includes All Items In Figure
	296367564	HARDWARE KIT	A/R	Inc. Ref. 16 & 17
	296367565	MAINTENANCE KIT	A/R	Inc. Ref. No's 4-8, 10&14-15

\$ 885.08

Valve - Ball (Fig. # 09-05)

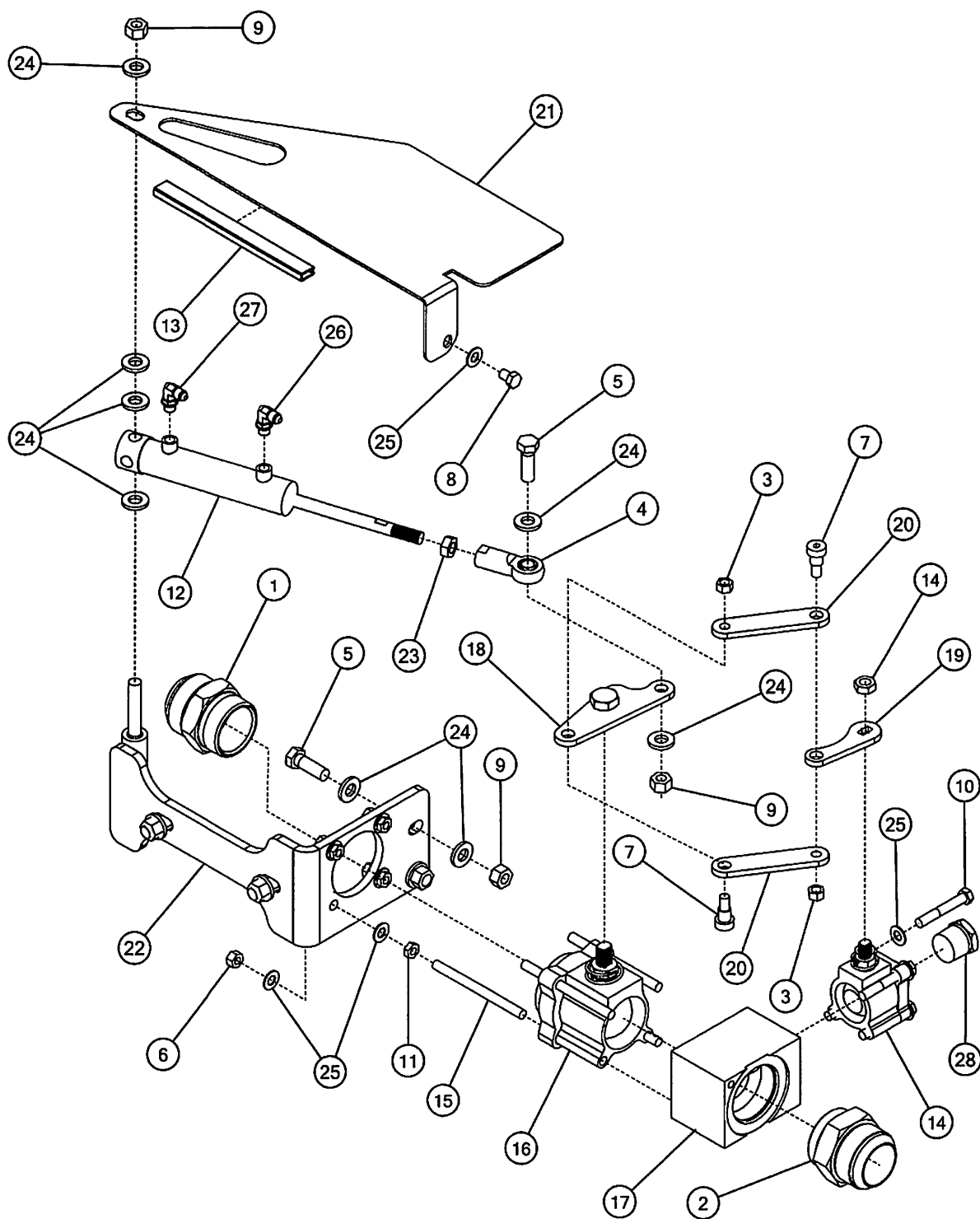


Illustration No. 296357266 - Not For Ordering



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 116

 NewForce MM 2502-006

 Saturday, March 22nd 2025, 2:30 PM [MDT -06:00]

Unit Information

Date:  March 22, 2025

Select Unit Number:  116

KMs:  0

Hours:  907

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 New heads installed in fluid pump of rig liners and valves still in good condition

Serial/Part # if applicable:  Na

Urgency of Repairs:

Select priority level of repairs:

☒ Critical - Immediate attention needed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested by:

Worker Requesting Repairs:



Myles MacMillan

Signatures

Myles MacMillan, *Supervisor*



March 22nd 2025, 2:30 PM [MDT -06:00]



54.438945, -116.922751



Myles MacMillan, *Supervisor*



March 22nd 2025, 2:31 PM [MDT -06:00]



54.438945, -116.922751





DRILL

MAINTENANCE REQUEST FORM

UNIT# **116** HRS/KM

DESCRIPTION OF REPAIRS REQUIRED

- SERVICE

- PUMP (#CHECK OVER)

- HEAT TRACE ON DUMP LINE

"28" CLIPPER SEALS

NO MUD - WATER ONLY

NO ROTATION of PISTONS

REQUESTED BY:

DATE:



MAINTENANCE WORK ORDER

N^o 3261

UNIT #: 116

ENGINE HOURS: 747

MILEAGE: _____

WORK LOCATION: _____

WORK REQUESTED: _____

REPAIRS REQUIRED: full service

ORDER DATE: Feb/24/25

COMPLETED DATE: Feb/24/25

JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

TECH COMMENTS: _____

ENTERED
FEB 27/25

LABOUR DESCRIPTION: _____ HOURS

oil change Hyd filters change fuel filter
change Air filters change

LABOUR TOTAL _____

PARTS & MATERIALS

P.O. #	QUANTITY	PRICE	AMOUNT
	8		
	16.5		

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Ron

WORK COMPLETED BY: Chase

UNIT RETURNED TO SERVICE: yes

OVERALL CONDITION OF UNIT: good

ADDITIONAL COMMENTS: _____

VERMEER CANADA, INC.
 27025 96 AVE
 ACHESON INDUSTRIAL PARK
 780-484-3600 780-451-5830
 ACHESON AB T7X 6J2

Account#	Order #	Brc	Sls
	356859	211	529

P R E V I E W
 I N V O I C E

Date	Invoice #	Page
02-04-25	00000000	1

Sold To: 001
 BROTHERS HDD INC.
 2002 - 23 AVENUE

Ship To: Hour Mtr:617
 BROTHERS HDD INC.
 #2 REINHARD INDUSTRIAL PARK

WAINWRIGHT AB T9W 0B8 LLOYDMINSTER AB L9V 1Y4
 Ship Via CALL WHEN IN

Entered By zgaut230	Customer Purchase Order	Customer Contact RON 306-537-2440	Ord Date 01-21-25
Model D100X140III	Serial Number 1VRB360WJP1000347	Equip ID 347E	Customer Job # Customer Phone # 780-875-8845

Ord	Ship	B/O Part Number	Description	Unit Price	UM	Extended
-----	------	-----------------	-------------	------------	----	----------

G.S.T. # 86352-8493

PRICES IN CANADIAN FUNDS

1	1	296462808	STAKE - 4" X 40	3,495.55EA	3,495.55
---	---	-----------	-----------------	------------	----------

Sub Total 3,495.55

UNIT #116

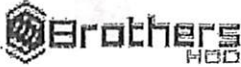
GST 174.78

2x

\$ 3660.00
 # 139.61

THANK YOU FOR YOUR BUSINESS
 TERMS & CONDITIONS ARE:
 ON THE REVERSE SIDE OF DOCUMENT FOR PRINTED COPIES
 OR
 ATTACHED SEPARATELY FOR ELECTRONIC VERSIONS
 QUOTE PRICING IS VALID FOR 30 DAYS

Total Invoice
 Due By: 3,670.33
 / /



DRILL

MAINTENANCE REQUEST FORM

UNIT#

116

HRS/KM

DESCRIPTION OF REPAIRS REQUIRED

1 ANCHOR STAKE

ORDERED FROM VERMEER JAN 21/25

GROUND ORDER 1 1/2 WEEKS

CONFIRMED WITH CREW

TONG PARTS FROM VERMEER SET UP?

2 OLD STYLE POWER PACKS (MILES BRING ONE BACK)

1 NEW STYLE POWER PACK

REQUESTED BY:

DATE:

DISTANCE

118

1. APPROXIMATE STAKE

24/11. LINE STATIONED MOST DISTANT

GROUND POINT 1/2 MILES

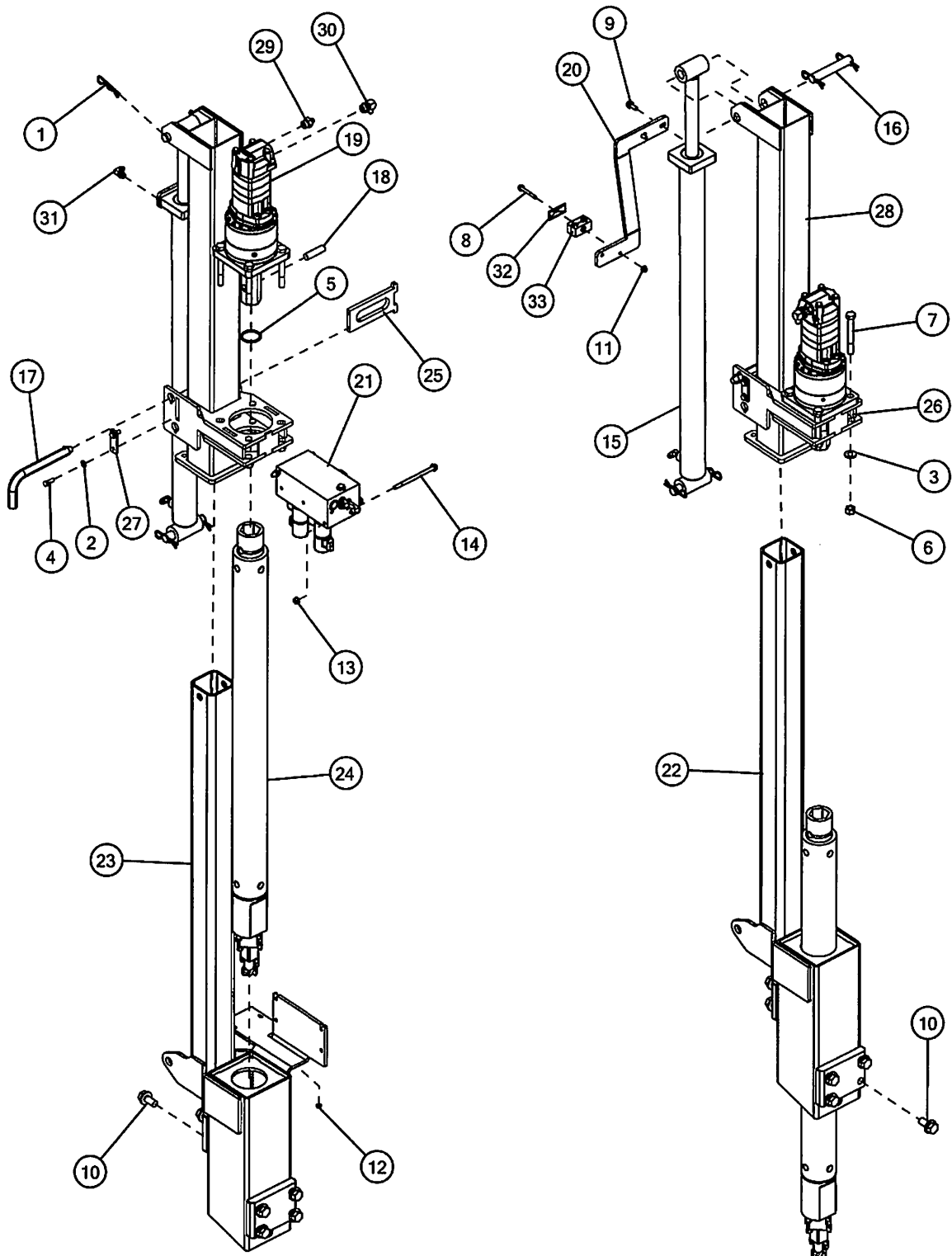
CONTINUED WITH CLIMB

1. NEW STATION LOCATED
& OLD STATION LOCATED (WHERE STATION WAS)
TOWNSHIP FROM ALLEGED STATION

**ROTATING
EQUIPMENT**
HEARING
PROTECTION



Aggressive Stakedown (Fig. # 07-19)



D100X140S3 (SN 101 -)

Vise

Aggressive Stakedown (Fig. # 07-19)

REF NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	20667001	PIN-HAIR-.18X3.78	8	
2	235713001	WASHER-FLATSTL-.38-.41X.81-.06--F436	4	
3	235715001	WASHER-FLATSTRL-.63-.66X1.31-.15-A325	8	
4	235727001	SCREW-HCS-.38-16X1.00-GR8	4	
5	236229001	O-RING - 2-329	2	
6	238221001	NUT-HEX-.63-11-GR8	8	
7	270422001	SCREW-HCS-.63-11X5.00-GR5	8	
8	296300769	SCREW-HFS-.31-18X2.50-GR8	2	
9	296300772	SCREW-HFS-.38-16X1.00-GR8	4	
10	296300815	SCREW-HFS-.75-10X1.50-GR8	16	
11	296300849	NUT-HEXFLGTL-.31-18-G	2	
12	296300891	NUT-HEXFLG-.25-20-GR8	2	
13	296300895	NUT-HEXFLG-.38-16-GR8	2	
14	296300911	SCREW-HFS-.38-16X6.00-GR8	2	
15	296358164	CYLINDER 2 1/2 BORE X 40.0" SROKE 1 1/2 ROD	2	
16	296358165	BAR - CYLINDER PIN	4	
17	296358177	PIN - SLIDE LOCK	2	Breakdown Fig 7-19T01
18	296358181	PIN - STAKE KEEPER	2	
19	296358192	STAKE PLANETARY ASSY. PS-PC1412-11	2	Breakdown Fig.7-19T02 (Planetary) & Fig.7-19T03 (Motor)
20	296389782	LIGHT BAR	2	
21	296389900	VALVE-STAKEDOWN ASSEMBLY	1	Refer To Fig 7-20
22	296462804	WELDMENT - STAKEDOWN SLIDE OLD FOOT D100X140	1	
23	296462806	WELDMENT - STAKEDOWN SLIDE OLD FOOT D100X140	1	
24	296462808	STAKE - 4" X 40"	2	\$3495.55 1 1/2 WEEK 610UND
25	296499118	PLATE STAKE SLIDE	2	
26	296499120	WELDMENT PLANETARY MOUNT	2	
27	296499121	PLATE SLIDE MOUNT	2	
28	296499123	WELDMENT STAKEDOWN SLIDE	2	
29	57946001	FITTING-10MORB X 6MJIC	2	
30	59401001	FITTING-6M JIC 90 DEGS X 10M O-RING	2	
31	59426001	FITTING-90-6MJ-6MORB	4	
32	72062005	PLATE - TOP CLAMP	2	
33	72062007	CLAMP - PAIR 1/2 HYD HOSE	2	



MAINTENANCE WORK ORDER

Nº 3084

UNIT #: 116

ENGINE HOURS: 330 HRS

MILEAGE:

WORK LOCATION: CONKLIN (MID WEST)

WORK REQUESTED:

ORDER DATE: DEC 15/2024

COMPLETED DATE: DEC 15/2024

JOB #: 2411-010

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED:

TECH COMMENTS:

LABOUR DESCRIPTION: HOURS

ENGINE OIL AND FILTER REPLACED

LABOUR TOTAL

PARTS & MATERIALS

ENTERED
FEB 21 2025

P.O. # QUANTITY PRICE AMOUNT

PARTS & MATERIALS TOTAL

WORK AUTHORIZED BY: RON JEROME

WORK COMPLETED BY: RON JEROME FIELD CREW

UNIT RETURNED TO SERVICE: DEC 15/2024

OVERALL CONDITION OF UNIT: GOOD

ADDITIONAL COMMENTS:



MAINTENANCE WORK ORDER

Nº 3085

UNIT #: 116
ENGINE HOURS: 380 HRS
MILEAGE:
WORK LOCATION: CONKLIN (MID WEST)
WORK REQUESTED:

ORDER DATE: DEC 14/2024
COMPLETED DATE: DEC 14/2024
JOB #:

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED:

TECH COMMENTS:

LABOUR DESCRIPTION:	HOURS
MUD PUMP PISTONS AND LINERS REPLACED x 3	

LABOUR TOTAL

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT

PARTS & MATERIALS TOTAL

WORK AUTHORIZED BY: RON J WORK COMPLETED BY: FRED CREW

UNIT RETURNED TO SERVICE: ~~REASON~~ OVERALL CONDITION OF UNIT: GOOD

ADDITIONAL COMMENTS: DEC 14/24



MAINTENANCE WORK ORDER

N^o 3083

UNIT #: 116
ENGINE HOURS: 315 HRS
MILEAGE: -
WORK LOCATION: CONKLIN (MIDWEST)
WORK REQUESTED: _____

ORDER DATE: DEC 13/2024
COMPLETED DATE: DEC 13/2024
JOB #: 2411-010

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
<u>ALL HYDRAULIC OIL FILTERS REPLACED</u>	

LABOUR TOTAL _____

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: RON JEROME WORK COMPLETED BY: FIELD CREW

UNIT RETURNED TO SERVICE: DEC 13/2024 OVERALL CONDITION OF UNIT: GOOD

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 3080

UNIT #: 115

ENGINE HOURS: 1698 HRS

MILEAGE: _____

WORK LOCATION: _____

WORK REQUESTED: _____

ORDER DATE: DECEMBER 13/2024

COMPLETED DATE: DECEMBER 18/2024

JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: CAB HEAT?

LABOUR DESCRIPTION:

	RON HOURS
PERSON INSTALL (HELPING WITH HOOK PORTS FOR SENSORS)	
-ORDER FROM HDD PRO -INSTALL "TEE" FITTINGS (R&R TOP PANEL)	2
RUN WEBASTO	2
CHECKING OUT HYDRAULIC TANK HEATER / BLOCK HEATER	
(ARRANGE FOR BOWTELL TO FABRICATE EXTENSION CORDS	
AND REPLACE/INSTALL PLUG INS/ENDS IN FM500	3
SHACK AND 240AA DRILL)	
REPAIR (CLEAN) REAR MAIN ELECTRICAL PANEL	4
LABOUR TOTAL	11

PARTS & MATERIALS

P.O. # QUANTITY PRICE AMOUNT

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: RON JEROME

WORK COMPLETED BY: RON J

UNIT RETURNED TO SERVICE: DEC 13/2024

OVERALL CONDITION OF UNIT: GOOD

ADDITIONAL COMMENTS: _____



Vermeer
Canada Inc.

VERMEER CANADA, INC.
27025 96 AVE
ACHESON INDUSTRIAL PARK
780-484-3600 780-451-5830
ACHESON

UNIT #116

AB T7X 6J2

Account#	Work Ord	Brc	Sls
		211	529

S A L E S O R D E R
E S T I M A T E

Date	Time	Order #	Page
12-10-24	13:16	355529	1

Sold To:
BROTHERS HDD INC.
2002 - 23 AVENUE

000

Ship To:
BROTHERS HDD INC.
2002 - 23 AVENUE

WAINWRIGHT

AB T9W 0B8

WAINWRIGHT

AB T9W 0B8

Ship Via QUOTE

Entered By zgaut230	Customer Purchase Order	Customer Contact RON	Ord Date 12-10-24
Model D100X140III	Serial Number 1VRB360WJP1000347	Equip ID 347E	Customer Job # Customer Phone # 7802147711

Ord	Ship	B/O	Mfg	Part Number	Description	Bin	Unit Price	UM	Extended
-----	------	-----	-----	-------------	-------------	-----	------------	----	----------

G.S.T. # 86352-8493

PRICES IN CANADIAN FUNDS

PLEASE DO NOT PAY - THIS IS NOT AN INVOICE									
1	1	Y	VER	277780081	D119		4,267.03EA		4,267.03
				LINER - 4in CHROME OXIDE PISTO					
1	1	Y	VER	277780083	D119		1,020.52EA		1,020.52
				PISTON ASSY - BLACK					
1	1	Y	VER	296367654			4,122.68EA		4,122.68
				ABRASION RESISTANT VA (Core Charge 0.00)					
1	1	Y	VER	296367655			3,705.80EA		3,705.80
				ABRASION RESISTANT VA (Core Charge 0.00)					
				GST					
									655.80

SIGNATURE: _____

DATE: _____

TERMS & CONDITIONS ARE:

ON THE REVERSE SIDE OF DOCUMENT FOR PRINTED COPIES
OR

ATTACHED SEPARATELY FOR ELECTRONIC VERSIONS

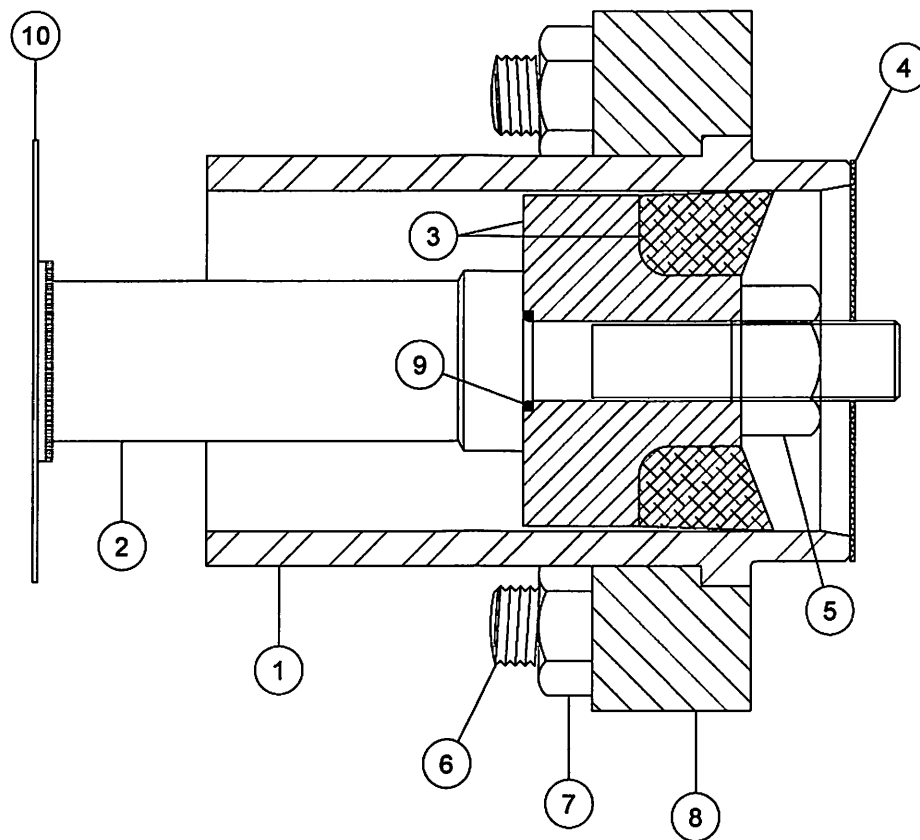
Total Amount

13,771.83

Total Weight

42.7

Breakdown-Piston 4" (Fig. # 09-08T06)



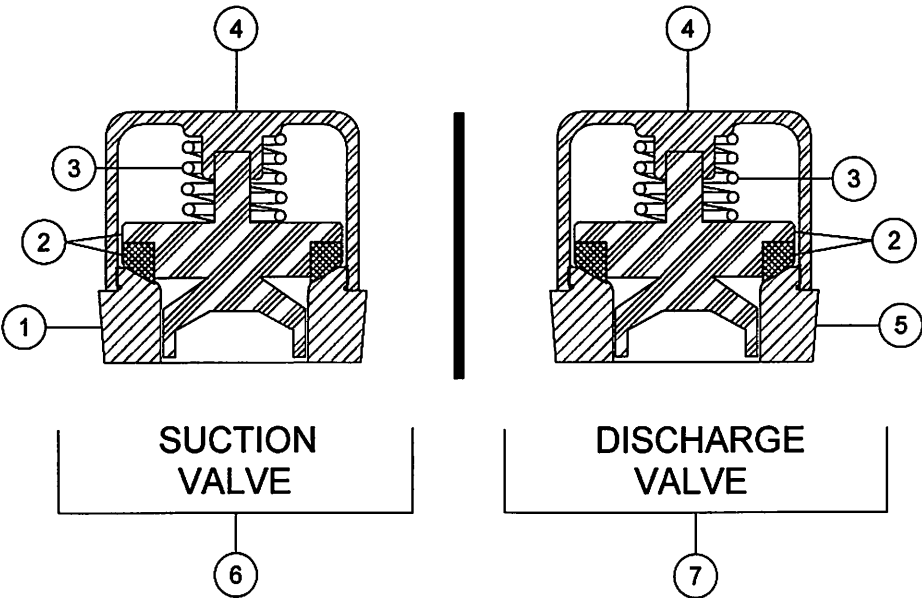
D100X140S3 (SN 101 -)

Water Pump Options

Breakdown-Piston 4" (Fig. # 09-08T06)

REF NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	277780081	LINER - 4in CHROME OXIDE PISTON	1	
2	277780082	ROD - PISTON	1	
3	277780083	PISTON ASSY - BLACK	1	
4	277780084	GASKET LINER	1	
5	296367661	NUT - PISTON ROD SELF LOCKING	1	
6	277780086	STUD	4	
7	277780087	NUT - 1" NC	4	
8	277780088	LINER - PISTON FLANGE	1	
9	296367662	ORING	1	
10	296360671	BAFFLE .	1	

Breakdown- Drilling Fluid Pump - Suction/Discharge (Fig. # 09-08T05)



D100X140S3 (SN 101 -)

Water Pump Options

Breakdown- Drilling Fluid Pump - Suction/Discharge (Fig. # 09-08T05)

REF NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	296367656	VALVE SEAT - SUCTION	1	
2	296367657	VALVE BODY	1	
3	296367659	VALVE SPRING	1	
4	296367658	GUIDE CAGE	1	
5	296367660	VALVE SEAT - DISCHARGE	1	
6	296367654	ABRASION RESISTANT VALVE - SUCTION	3	Includes Ref. 1 Thru 4
7	296367655	ABRASION RESISTANT VALVE - DISCHARGE	3	Includes Ref. 2 Thru 5

MYERS APLEX



PENTAIR

MYERS® APLEX SERIES

SC-170DD

Model

Serial

10753470

Rated Max HP

@ RPM

450

Rated Max Plunger Load Lb.

14,288

Year Built

0922

Flt. End

D IRON

Eng. No.

60187F000

Plunger
Diameter
Inches

Max. Rated
Discharge
Press. (PSI)

1

1100

HDD PRO

PISTONS

\$125.00 ea

LINERS

\$1350.00 ea

SUC VALVES

\$250.00 ea

DIS VALVES

\$250.00 ea

WERS ATLEX

20-1000



MAINTENANCE WORK ORDER

N^o 3082

UNIT #: 116
ENGINE HOURS: 50HRS
MILEAGE: _____
WORK LOCATION: CONKLIN (MID WEST)
WORK REQUESTED: _____

ORDER DATE: DEC 1 / 2024
COMPLETED DATE: DEC 1 / 2024
JOB #: 2411-010

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
<u>PUMP GEAR BOX OIL REPLACED</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

LABOUR TOTAL _____

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: RON J WORK COMPLETED BY: FRED CREW

UNIT RETURNED TO SERVICE: DEC 1 / 2024 OVERALL CONDITION OF UNIT: GOOD

ADDITIONAL COMMENTS: _____



Sales Order

DATE	ORDER #
11/27/2024	8541
TERMS	
Net 30	

HDD Underground Solutions
5410 136 Ave NW
Edmonton, AB
T5A0E4

UNIT # 116
100x140 NEW INVENTORY

BILL TO
BROTHERS HDD INC. 2002 23 AVE WAINWRIGHT, AB T9W 0B8

SHIP TO
BROTHERS HDD INC. 2002 23 AVE WAINWRIGHT, AB T9W 0B8 ahopaluk@brothershdd.ca 780 214 7711

Item	Description	Qty	Rate	Amt	Shpd	Invd	Due Date
29M-82F	3.5" IF PIN - #1000 BOX ADAPTER	4	C\$892.85	C\$3,571.40	4	4	11/27/2024
29M-82M	3.5" IF PIN - #1000 PIN ADAPTER	1	C\$932.85	C\$932.85	1	1	11/27/2024
29F-82F	3.5" IF BOX - #1000 BOX ADAPTER	1	C\$962.85	C\$962.85	1	1	11/27/2024
81F-82F	#802 BOX - #1000 BOX ADAPTER 11" STS	1	C\$825.00	C\$825.00	1	1	
29M-81M	3 1/2" IF PIN - #802 PIN ADAPTER	1	C\$925.00	C\$925.00	1	1	
82F-EYE860	#1000 BOX - 60 TON PULL EYE ASSEMBLY (SWL 3-1)	1	C\$975.00	C\$975.00	1	1	
82M-EYE860	#1000 PIN - 60 TON PULL EYE ASSEMBLY (SWL 3-1)	1	C\$975.00	C\$975.00	1	1	
28M-82F	3 1/2" REG PIN - #1000 BOX ADAPTER (953-0300)	1	C\$938.75	C\$938.75	1	1	
HI296309515	3.5" #1000 SUBSAVER 10.5" OAL	1	C\$595.00	C\$595.00	1	1	

HI296309515- WEEPER	3.5" #1000 WEEPER SUB 10.5" OAL JETTED	0	C\$665.60	C\$0.00	0	0	
28F-29F	3 1/2" REG BOX - 3 1/2" IF BOX	1	C\$845.00	C\$845.00	1	1	
			SUBTOTAL	C\$11,545.85			
			TAX	C\$532.65			
			TOTAL	C\$11,185.65			

DEAN DELIVERED NOV 28 2024
TICKET#4442

Customer Purchase Order: 10827



Sales Order

DATE	ORDER #
11/27/2024	8537
TERMS	
Net 30	

HDD Undergroud Solutions
5410 136 Ave NW
Edmonton, AB
T5A0E4

UNIT# 116
100x140 NEW INVENTORY

BILL TO
BROTHERS HDD INC. 2002 23 AVE WAINWRIGHT, AB T9W 0B8

SHIP TO
BROTHERS HDD INC. 2002 23 AVE WAINWRIGHT, AB T9W 0B8 ahopaluk@brothershdd.ca 780 214 7711

Item	Description	Qty	Rate	Amt	Shpd	Invd	Due Date
5747-HU4	4.75" SIDE LOAD UNIVERSAL HOUSING 3.5" REG BOX - 3.5" IF BOX	1	C\$5,041.40	C\$5,041.40	1	1	11/27/2024
906-5196	3 1/2" REG PIN - TRIHAWK SPLINE ADAPTER 100K RIG SIZE	1	C\$1,693.35	C\$1,693.35	1	1	11/27/2024
950-5000	RADIUS 5000 SERIES ROCK BIT 8" CUT 3.5" REG PIN	1	C\$6,995.00	C\$6,995.00	1	1	
954-0239	5000 S ROCK BIT	6	C\$50.40	C\$302.40	6	6	
954-0392	5000 S ROCK BIT LARGE	6	C\$78.00	C\$468.00	6	6	
SHCS-1/2" X 3/4"	1/2" X 3/4" SOCKET HEAD CAP SCREW GR8	6	C\$1.08	C\$6.48	6	6	
RP-038-225	MB HOUSING ROLL PIN 3/8" X 1" X 2 1/4"	6	C\$4.90	C\$29.40	6	6	
21705	LRG ROLL PIN .625" X 2 1/2"	6	C\$9.95	C\$59.70	6	6	

SUBTOTAL	C\$14,595.73
TAX	C\$729.79

TOTAL	C\$15,325.52
-------	--------------

DEAN DELIVERED NOV 28 2024

TICKET#4436

Customer Purchase Order: 10826



UNIT #: 116

ENGINE HOURS: 19

MILEAGE: _____

WORK LOCATION: _____

WORK REQUESTED: _____

ORDER DATE: Nov/26/24

COMPLETED DATE: Nov/27/24

JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: install radio install fire extinguisher

TECH COMMENTS: _____

LABOUR DESCRIPTION: _____ HOURS

fire extinguisher radio install 2

LABOUR TOTAL _____

PARTS & MATERIALS

	P.O. #	QUANTITY	PRICE	AMOUNT
radio		1		
fire extinguisher		1		
extinguisher bag		1		
bracket		1		

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: ion

WORK COMPLETED BY: Chase

UNIT RETURNED TO SERVICE: yes

OVERALL CONDITION OF UNIT: good

ADDITIONAL COMMENTS: _____