

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

INVOICE

44911

INVOICE

Printed Date: 06/10/2024 Work Completed: 06/10/2024

CHEMCO-OFF ROAD
3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : Odometer In : 0
Unit # : ADT-0325
VIN # : VCE0A35EC 00010325
Engine Hrs In : 12101.0 Engine Hours Out : 12101.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
75W90 SYNTHETIC GEAR OIL-STK 75W90SYN	30.00	11.33	339.90	(1) INSPECTION, GET SITE READY * PERFORM INSPECTION * GET SITE READY	7,442.50
50/50 LONGLIFE ANTIFREEZE-STK PREGD3000	5.00	2.98	14.90	** STRONGCO SERVICE CALL **	1,643.31
R134A A/C FREON/LB-STK R134A	3.00	16.14	48.42	** SERVICE CALL TO NISKU SHOP ** ** SEE ATTACHED SERVICE INVOICE 8000405126 **	
ORING-STK VOE925057	1.00	3.50	3.50		
5AMP STANDARD BLADE FUZE-STK PATC-5	1.00	1.39	1.39		
STARTER MOTOR-ORDER VOE9011423474	1.00	1,773.08	1,773.08		
STARTER MOTOR CORE-RETURNED VOE8011423474	0.00	0.00	n/c		
ORING-ORDER VOE968562	1.00	6.10	6.10		
RETAINING RING-ORDER VOE914484	1.00	17.42	17.42		
FREIGHT SHIPPING CHARGE-ORDER FREIGHT	1.00	3.50	3.50		
HEX NUT-ORDER VOE1522293	1.00	78.94	78.94		
PRESSURE SENSOR-ORDER VOE15047336	2.00	465.14	930.28		
10AMP STANDARD BLADE FUZE-STK PATC-10	1.00	1.68	1.68		
15AMP STANDARD BLADE FUZE-STK PATC-15	1.00	1.40	1.40		
FILTER KIT-ORDER VOE17410281	2.00	628.96	1,257.92		
SLEEVE-RETURNED VOE11715947	0.00	0.00	n/c		
1-3/16" X 3/4" ORS FEMALE SWIVEL HOSE BARB-STK 24211-12-12ZF	1.00	9.86	9.86		
1-3/16" X 3/4" 45 ORS FEMALE SWIVEL HOSE BARB-STK 24241-12-12ZF	1.00	13.42	13.42		
3/4" 2 WIRE SOCKET-STK	2.00	4.57	9.14		

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Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : Odometer In : 0
Unit # : ADT-0325
VIN # : VCE0A35EC **00010325**
Engine Hrs In : 12101.0 Engine Hours Out : 12101.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
03310-12NZF					
3/4 2 WIRE HOSE-STK EC210-12	12.00	4.30	51.60		
5PIN 24V 10/20AMP RELAY-STK H41388501	1.00	12.00	12.00		
SEALING RING-ORDER VOE948642	1.00	96.54	96.54		
SEALING RING-ORDER VOE1523124	1.00	52.58	52.58		
CONTROL WIRE-ORDER VOE15134989	1.00	61.02	61.02		
HEATER CONTROL CABLE ASSEMBLY-ORDER VOE11113561	1.00	61.02	61.02		
3AMP STANDARD BLADE FUZE-STK PATC-3	1.00	1.29	1.29		
FIRST AID KIT-STK DSIFAKALT2BM	1.00	39.75	39.75		
ECU-ORDER VOE21695313	1.00	6,848.49	6,848.49		
SEAT COVER HIGH BACK-STK 350-106CK	1.00	168.00	168.00		
Shop Supplies			100.00		

Org. Estimate 358.31 Revisions 0.00 Current Estimate 358.31

Labor:	7,442.50
Parts:	12,003.14
Sublet:	1,643.31
SubTotal:	21,088.95
Tax:	1,054.45
Total:	22,143.40
Bal Due:	\$22,143.40

[Payments -]

stk-817

Vehicle Received: 4/29/2024

Customer Number : 3904

GST#865376503RT0001

Signature _____ Date _____

WRENCHHEAD MECHANICAL

3135 4 ST

NISKU, ALBERTA. T9E-8L1

Phone: 780-436-9570 Fax: 780- -

REPAIR ORDER #

044911

REPAIR ORDER - RO

Scheduled : 04/29/2024 08:29 AM

Print Date : 4/29/2024

CHEMCO-OFF ROAD

3135-4 ST

NISKU, ALBERTA T9E-8L1

Office 780-436-9570

Cust ID : 3904

Last Service : 1/18/2024

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D

Lic # : - AB

Unit # : ADT-0325

VIN # : VCE0A35EC **00010325**

MFG Date : 8/5/2014

Previous Odom : 95825

Current Odom : 0

Elapsed : 0

<i>Labor Requested / Part SubTotal</i>	Extended
(1) INSPECTION, GET SITE READY	325.00
Shop Supplies	16.25
	Parts Subtotal 0.00

Parts: 0.00

Supplies: 16.25

Tax: 17.06

Total: 358.31

Labor: 325.00

Balance: 358.31

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ____. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

Technician Work Sheet Service Writer : GLAZIER, RUSSELL

Print Date: 4/29/2024

2008 Volvo - A35E ROCK TRUCK UNIT#E074

Hat # :

VIN # : VCE0A35EC 00010325

Color :

Engine : D12D

Location :

Repair Order #
044911

Lic # :

Lic. State : AB

CHEMCO-OFF ROAD

Office 780-436-9570

Schedule :

Promised Date : 4/29/24 5:00 P.M.

Inspection Date : 8/05/14

Status :

Last Service : 1/18/24

Unit # : ADT-0325

Current Odometer : 0

Trans :

Previous Mileage : 95,825

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/05/14

Labor Description

Charged Hours

(1) INSPECTION, GET SITE READY

5.00

Technician : <none>

OUT ODOMETER :

Total Hours Charged :

5.00

Hours out: 0.00

Tech Notes

✓ P = Pass F = Fail R = Repaired N/A = Not Applicable








UNIT #:	ADT-0325	ODOMETER:	n/a	ENGINE HOURS:	12101	DATE:	June 3
---------	----------	-----------	-----	---------------	-------	-------	--------

		P	F	R	N/A			P	F	R	N/A
1	LOCKOUT IN PLACE	✓				28	TRANSMISSION OIL LEVEL / INTERNALS FLUID LEVELS	✓			
2	WHEEL CHOCKS IN PLACE	✓				29	ENGINE COOLANT FLUID LEVEL	✓			
3	OIL SAMPLES				✓	30	ENGINE OIL FLUID LEVEL	✓			
4	OVERALL MACHINE LOOSE OR MISSING NUTS & BOLTS, LOOSE GUARDS, CLEANLINESS	✓				31	RADIATOR DEBRIS, DAMAGE, LEAKS	✓			
5	LIGHTS BROKEN LAMPS, LENSES, OPERATION	✓				32	OVERALL ENGINE COMPARTMENT TRASH OR DIRT BUILDUP, LEAKS	✓			
6	STEERING HYDRAULIC SYSTEM LEAKS, WORN HOSES, DAMAGED LINES	✓				33	ALL HOSES CRACKS, WEAR SPOTS, LEAKS	✓			
7	UNDERNEATH MACHINE LEAKS, DAMAGE, PEOPLE WORKING	✓				34	ALL BELTS TIGHTNESS, WEAR, CRACKS	✓			
8	TIRES, RIMS, HUB, STEM CAPS INFLATION, LEAKS, DAMAGE, WEAR	✓				35	CAB INTERIOR CLEANLINESS	✓			
9	BRAKES, SUSPENSION LEAKS, DAMAGE, WEAR	✓				36	ROLL OVER PROTECTION SYSTEM DAMAGE	✓			
10	GRAB IRONS, STEPS, HANDHOLDS CONDITION AND CLEANLINESS	✓				37	GAUGES, LIGHTS, SWITCHES DAMAGE, OPERATION	✓			
11	BATTERY COMPARTMENT CONNECTIONS, FLUID LEVEL	✓				38	SEAT BELT, BUCKLE & MOUNTING DAMAGE, WEAR, ADJUSTMENT	✓			
12	AIR FILTER CONDITION	✓				39	SEAT ADJUSTMENT AND COVER	✓			
13	WINDSHIELD WIPERS & WASHERS WEAR, DAMAGE, FLUID LEVEL	✓				40	HORN, BACKUP ALARM, LIGHTS PROPER FUNCTION	✓			
14	FIRE EXTINGUISHER CHARGE, DAMAGE	✓				41	WINDOWS AND MIRRORS CONDITION, CLEAN, ADJUST	✓			
15	FUEL TANK, HYDRAULIC TANK LEVEL, LEAKS	✓				42	DROP BOX FLUIDS / INTERNALS	✓			
16	BODY DAMAGE, WEAR, DISTORTION	✓				43	PREHEAT / BLOCK HEATER / ENGINE HEATER OPERATION	✓			
17	WELDS, CASTINGS; MOUNTING BOLTS AND PADS CRACKS; DAMAGED BOLTS OR PADS	✓				44	SPILL KIT PROVIDED	✓			
18	ALL AXLES LEAKS, DAMAGE, WEAR	✓				45	DAILY INSPECTION BOOKLET	✓			
19	FRAME & HOIST CYLINDERS CRACKS, LEAKS, DAMAGE, WEAR	✓				46	FIRE EXTINGUISHER, CONDITION, DATE, TAG, LOCK, MOUNT	✓			
20	SUSPENSION CYLINDERS LEAKS, MEASURE CYLINDER HEIGHT	✓				47	INSPECTION TAG DATE				Feb 29 / 25
21	MASTER SWITCH	✓				48	FIRE EXTINGUISHER NUMBER				38 484
22	MASTER VHF INSTALLED AND TESTED	✓				49	AIR CONDITIONING OPERATION	✓			
23	HEATING OPERATION	✓				50	GPS	✓			
24	SERVICE DECAL	✓				51	FILL FUEL ADD CONDITIONER				✓
25	NEXT SERVICE DUE @				12 261	52	FUEL CAP LANYARD	✓			
26	BOX EMPTY	✓				53	VALVE SET				✓
27	FLOOR MAT CONDITION	✓				54	POSITIVE AIR OPERATION	✓			

✓ P = Pass F = Fail R = Repaired N/A = Not Applicable

TIRE PRESSURE (If not recorded on prescribed Alberta Inspection Record) [] psi [] kPa			
LF: 50	RF: 50	LM: 50	RM: 50
		LR: 50	RR: 50

CHARGING SYSTEM TEST			
VOLTS: 26.4	AMPS:	RPM: 700	

<p>FUEL LEVEL/CLEANING</p> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th colspan="4" style="text-align: center;">CLEANING</th> </tr> <tr> <th></th> <th style="width: 10%;">Date</th> <th style="width: 10%;">Time</th> <th style="width: 10%;">Signature</th> </tr> </thead> <tbody> <tr> <td>Washed (Fine Cleaned)</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Disinfectant Mist (Clubroot)</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> </tbody> </table>	CLEANING					Date	Time	Signature	Washed (Fine Cleaned)	<input type="checkbox"/>			Disinfectant Mist (Clubroot)	<input type="checkbox"/>			<p>TEST / DRIVE</p> <p>TEST [] or TEST DRIVE [<input checked="" type="checkbox"/>]</p> <p>Comments:</p> <div style="border: 1px solid black; height: 100px; margin-top: 5px;"></div> <table border="1" style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 50%; text-align: center;">  Rob Mueller Technician (Print Name) </td> <td style="width: 50%; text-align: center;">  Technician Signature </td> </tr> </table>	 Rob Mueller Technician (Print Name)	 Technician Signature
CLEANING																			
	Date	Time	Signature																
Washed (Fine Cleaned)	<input type="checkbox"/>																		
Disinfectant Mist (Clubroot)	<input type="checkbox"/>																		
 Rob Mueller Technician (Print Name)	 Technician Signature																		

MAINTENANCE REQUIRED/REMARKS

INSPECTION REPORT SIGN-OFF		
 Technician (Print Name)	 Technicians Signature	 Supervisors Signature

UNIT #	ADF-0325	ODOMETER		ENGINE HOURS	12101	DATE	
EQUIPMENT TYPE / DESCRIPTION		Rock truck					

ITEM	REPAIR DESCRIPTION	QUOTED HOURS	ACTUAL HOURS
Done ✓	needs Fast oil, and spill kit tied up		
Done ✓	needs wash		
Done ✓	top off coolant		
Done ✓	unit has calc (4219-3) (se 4219-3) trans main hyd pressure		
Done ✓	washer not spraying		
	Sensor shorted		
	unit has trace oil leak and atf leak needs wash		
Done ✓	replace fire exh		
Done ✓	top off fuel		
Done ✓	hvac control needs new adjuster tab		
Done ✓	LS lift cylinder wet around fitting needs wash and recheck		
Done ✓	#1 Diff input has lots of play (replace nut)		
Done ✓	starter intermitten (cloves brand new) (file down ring gear teeth)		
Done ✓	trans leak dip stick flange (check when mobile)		
Done ✓	hyd leak hose behind oil cooler		
Done ✓	wash off oil and underneath unit		

 Technician (Print Name) _____
 Technicians Signature

chemco

Parts Requisition

MTE-0130

UNIT #:

ADT-0325

UNIT TYPE/DESCRIPTION:

Wd# 44911

ODOMETER:

ENGINE HOURS:

DATE:

May 7

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	1		Samp ate fax	✓	
	✓	901142374	starter		
	1	9011423474	starter 1773.08		✓
		09-08-22			
			410-48216		
			5-3-2023		
			MAY 7-24		
			237pm		

Justin

Technician (Print Name)

[Signature]

Technicians Signature

UNIT #:	ADT-0325	UNIT TYPE/DESCRIPTION:	rock truck		
NO#	44911	ODOMETER:	ENGINE HOURS:	DATE:	May 16 / 24

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
		1119882	↓ filter		
	2	17410281	HVO		
	2	11715947	sleeve		
			MAY 16-24		
			10:00AM		
			DM		

Justin
Technician (Print Name)
Technicians Signature



Invoice Preview 8000405126

STRONGCO LIMITED PARTNERSHIP
1640 ENTERPRISE ROAD
MISSISSAUGA ONTARIO L4W 4L4
TEL: (905) 670-5100 FAX: (905) 670-7869

Date Opened: 31 May, 2024 05:31:20pm

Opened By: Kathy Zaboroski

CUSTOMER #: 144061
CHEMCO ELECTRICAL CONTRACTORS LTD.
3135 - 4TH STREET
NISKU, Alberta, T9E 8L1

REPAIR LOCATION:

Repair Location:
Contact Name: Lisa
Telephone: 780-436-9570

44911-ADT0325

Customer Purchase Order:	Job Code #: Y009-Customer Charge	Terms: NT30
Responsible Group: Multi-Line Field Service		Pay GST: Y
Equipment #: 75350	Customer Unit #:	Pay PST: Y
Make: VOLVO	Model: A35E	Mfg Serial #: A35EC00010325
Engine Model:	Engine Serial #:	
Hour Meter: 12101	Warranty: STD	Machine Down: No

Description
starting problems
May 17/24- Call customer. Travel to site. Check unit for no start. Engine ecu will not communicate with Techtool. Possible ecu. Also E-stop wire archs when connected, ecu shorted internally? Source and order engine ecu. Notify customer. Return travel.
May 23/24- Pretrip inspection, travel to customer site. Connect new engine ecu and program to test. Engine now starts and runs without codes. Install ecu and assemble machine as needed. Inform customer. Travel back to shop.

COPY

Product Id	Description	Qty	Unit Price	Net Value
VOE21695313	CONTROL UNIT	1 EA	6,848.49	6,848.49
	Parts:			6,848.49
	Labour:			932.00
	Travel Labour:			399.00
	Mileage:	79 KM		165.90
	Expenses:			0.00
	Environmental Fees:			39.93
	Consumables Fees:			106.48
	Sub-Total:			8,491.80

GST: 424.59

Total: 8,916.39



STRONGCO LIMITED PARTNERSHIP
1640 ENTERPRISE ROAD
MISSISSAUGA ONTARIO L4W 4L4
TEL: (905) 670-5100 FAX: (905) 670-7869

Invoice Preview 8000405126

Date Opened: 31 May, 2024 05:31:20pm

Opened By: Kathy Zaboroski

WRENCHHEAD MECHANICAL

3135 4 ST
 NISKU, ALBERTA. T9E-8L1
 Phone: 780-436-9570 Fax: 780- -

INVOICE

41327

Org. Est. # 058101

INVOICE

Printed Date: 05/31/2023 Work Completed: 05/31/2023

CHEMCO-OFF ROAD

3135-4 ST
 NISKU, ALBERTA T9E-8L1
 Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
 Lic # : Odometer In : 0
 Unit # : ADT-0325
 VIN # : VCE0A35EC 00010325
 Engine Hrs In : 11690.0 Engine Hours Out : 11690.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
LOCK NUT-ORDER VOE8148488	3.00	10.17	30.51	(1) REMOVE INJECTORS FOR TESTING AND INSPECTION. GET SITE READY ** SEE TECH SHEET	1,885.00
FLANGE SCREW-ORDER VOE21344776	14.00	7.07	98.98	** SERVICE CALL **	2,473.27
O RING-ORDER VOE20536487	6.00	8.47	50.82	** STRONGCO SERVICE CALL ** ** INSTALL INJECTORS ** ** INVOICE 92333927 **	
SLEEVE-ORDER VOE3183368	6.00	93.07	558.42	** TEST 6 INJECTORS **	600.00
BUSHING-ORDER VOE3964604	3.00	15.55	46.65	** BENCH TEST 6 VOLVO INJECTORS ** ** ALL INJECTORS ARE ERRATIC AND HAVE NO SOLENOID REACTION TIME ** ** SUNSET DIESEL INVOICE 30074 **	
SEALING RING-ORDER VOE1677370	2.00	10.02	20.04		
FLANGE SCREW-ORDER VOE21344774	6.00	2.69	16.14		
FREIGHT-ORDER FREIGHT	1.00	10.50	10.50		
INJECTOR UNIT-ORDER VOE9022172535	2.00	1,701.26	3,402.52		
FREIGHT-ORDER FREIGHT	1.00	21.00	21.00		
CORE-RETURNED S-CORE	2.00	0.00	n/c		
VOLVO INJECTOR-ORDER BEBE4D34101-RM	4.00	897.00	3,588.00		
INJECTOR CORE-RETURNED CORE	4.00	0.00	n/c		
7/16" X 1/4" JIC FEMALE SWIVEL HOSE BARB -STK 26711-04-04ZF	1.00	2.19	2.19		
1/4" 2 WIRE SOCKET-STK 03310-04NZF	1.00	2.23	2.23		
SIX POINT SOCKET SCRERW-ORDER VOE997504	1.00	2.39	2.39		
WASHER-ORDER VOE60110304	1.00	1.57	1.57		
STARTER-ORDER 410-48216	1.00	561.00	561.00		
FREIGHT-ORDER FREIGHT	1.00	70.00	70.00		
50/50 LONGLIFE ANTIFREEZE-STK PREGD3000	6.00	2.98	17.88		

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

INVOICE

41327

Org. Est. # 058101

INVOICE

Printed Date: 05/31/2023 Work Completed: 05/31/2023

CHEMCO-OFF ROAD
3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : Odometer In : 0
Unit # : ADT-0325
VIN # : VCE0A35EC 00010325
Engine Hrs In : 11690.0 Engine Hours Out : 11690.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
HYD OIL-STK	15.00	3.91	58.65		
AW-32					
Shop Supplies			100.00		

Org. Estimate 1,016.99 Revisions 0.00 Current Estimate 1,016.99

Labor:	1,885.00
Parts:	8,659.49
Sublet:	3,073.27
SubTotal:	13,617.76
Tax:	680.89
Total:	14,298.65
Bal Due:	\$14,298.65

[Payments -] *STK-181*

Vehicle Received: 5/8/2023

Customer Number : 3904

GST#865376503RT0001

Signature _____ Date _____

Service Advisor : GLAZIER, RUSSELL, Tech : DALEMAN, BRENT; PATTERSON,

Page 2 of 2

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Parts: 0.00
Labor: 130.00

Supplies: 6.50

Tax: 6.83

Total: 143.33
Balance: 143.33

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ____. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

Service Advisor : GLAZIER, RUSSELL

Page 1 of 1

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Technician Work Sheet Service Writer : GLAZIER, RUSSELL

Print Date: 5/03/2023

2008 Volvo - A35E ROCK TRUCK UNIT#E074

Hat # :

Repair Order #

VIN # : VCE0A35EC 00010325

Color :

041327

Engine : D12D

Location :

Lic # :

Lic. State : AB

CHEMCO-OFF ROAD - .

Schedule : 5/03/23 2:45 P.M.

Office 780-436-9570

Promised Date : 5/03/23 5:00 P.M.

Inspection Date : 8/05/14

Status :

Last Service : 1/30/23

Unit # : ADT-0325

Current Odometer : 0

Trans :

Previous Mileage : 95,825

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/05/14

Labor Description

Charged Hours

(1) REMOVE INJECTORS FOR TESTING AND INSPECTION. GET SITE READY 2.00

Technician : DALEMAN

OUT ODOMETER : 11,690

Total Hours Charged : 2.00

Hours out: 0.00

Tech Notes

√ P = Pass F = Fail R = Repaired N/A = Not Applicable

UNIT #:		ODOMETER:				ENGINE HOURS:		DATE:			
ADT 0325						11690		May 24/23			
		P	F	R	N/A			P	F	R	N/A
1	LOCKOUT IN PLACE	✓				21	Transmission Oil level / Internals Fluid levels	✓			
2	WHEEL CHOCKS IN PLACE				✓	22	Engine Coolant & Strength		✓	✓	
3	Oil Samples				✓	22	Engine Oil Fluid Level 0w- 40 Synthetic in Winter	✓			
4	Overall Machine Loose Or Missing Nuts & Bolts, Loose Guards, Cleanliness	✓				23	Radiator Debris, Damage, Leaks	✓			
5	Lights Broken lamps, lenses, operation		✓	✓		24	Overall Engine Compartment Trash Or Dirt Buildup, Leaks	✓			
6	Steering hydraulic system Leaks, worn hoses, damaged lines	✓				25	All Hoses Cracks, Wear Spots, Leaks		✓	✓	
7	Underneath Machine Leaks, Damage, People Working	✓				26	All Belts Tightness, Wear, Cracks	✓			
8	Tires, rims, hub, stem caps Inflation, Leaks, Damage, Wear	✓				27	Overall Cab Interior Cleanliness	✓			
9	Brakes, Suspension Leaks, Damage, Wear	✓				28	Roll Over Protection System Damage	✓			
10	Grab Irons, Steps, Handholds Condition And Cleanliness	✓				29	Gauges, lights, switches Damage, operation		✓	✓	
11	Battery Compartment Connections, Fluid level	✓				30	Seat Belt, Buckle & Mounting Damage, Wear, Adjustment	✓			
12	Air Filter Restriction Indicator	✓				31	Seat Adjustment, Brake Travel	✓			
13	Windshield Wipers & Washers Wear, Damage, Fluid Level	✓				32	Horn, backup alarm, lights Proper Function		✓	✓	
14	Fill Window Washer Fluid with Winter Only	✓				33	Windows and Mirrors Condition, clean, adjust	✓			
15	Fuel tank, hydraulic tank Level, Leaks		✓	✓		34	Drop Box Fluids / Internals	✓			
16	Body Damage, wear, distortion	✓				35	Preheat Style Engine Heater and Test	✓			
17	Welds, castings; mounting bolts and pads Cracks; damaged bolts or pads	✓				36	SPILL KIT PROVIDED	✓			
18	All Axles Leaks, Damage, Wear	✓				37	Daily Inspection Booklet	✓			
19	Frame & Hoist Cylinders Cracks, Leaks, Damage, Wear		✓	✓		38	FIRE EXT. CONDITION, DATE, TAG, LOCK, MOUNT		✓		
20	Suspension Cylinders Leaks, Measure cylinder height	✓				39	INSPECTION TAG DATE				
						40	FIRE EXTINGUISHER #:				

√ P = Pass F = Fail R = Repaired N/A = Not Applicable

		P	F	R	N/A			P	F	R	N/A
41	Grease Gun & Grease	✓	✓	✓		46	Fill Diesel Tank & add Conditioner				
42	Heating Operation	✓				47	Install Fuel Cap Lanyard	✓			
43	Air Conditioning Operation	✓				48	New 2 way radio	✓			
44	GPS	✓				49	Service Decal installed	✓			
45	Positive Air Shutdown & Test	✓				50					

TIRE PRESSURE (If not recorded on prescribed Alberta Inspection Record) [] psi [] kPa

LF:		RF:		LR:		RR:	
-----	--	-----	--	-----	--	-----	--

CHARGING SYSTEM TEST

VOLTS:		AMPS:		RPM:	
--------	--	-------	--	------	--

FUEL LEVEL:	TEST / DRIVE																
	TEST [] or TEST DRIVE []																
	Comments:																
<table border="1"> <thead> <tr> <th colspan="4">CLEANING</th> </tr> <tr> <th></th> <th>Date</th> <th>Time</th> <th>Signature</th> </tr> </thead> <tbody> <tr> <td>Washed (Fine Cleaned) <input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Disinfectant Mist (Clubroot) <input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		CLEANING					Date	Time	Signature	Washed (Fine Cleaned) <input type="checkbox"/>				Disinfectant Mist (Clubroot) <input type="checkbox"/>			
CLEANING																	
	Date	Time	Signature														
Washed (Fine Cleaned) <input type="checkbox"/>																	
Disinfectant Mist (Clubroot) <input type="checkbox"/>																	
	Technician (Print Name)																
	Technician Signature																

MAINTENANCE REQUIRED/REMARKS:
Needs fire ext on demob

INSPECTION REPORT SIGN-OFF

Brent D Technician (Print Name)	 Technicians Signature	 Supervisors Signature
------------------------------------	---	---------------------------

UNIT #:	ADT 0325	UNIT TYPE/DESCRIPTION:	Volvo A35		
	ODOMETER:		ENGINE HOURS:		DATE: may 24/23

ITEM	REPAIR DESCRIPTION	QUOTED HOURS	ACTUAL HOURS
D	✓ RH hoist cyl need grease whip made		
D	✓ RH hoist hose @ cyl leaking		
	✗ Exhaust box heat Flex hose mounting hardware		
D	✓ Next Svc 11890 HR		
D	✓ Need Valve set decal for 11700HR completed		
	✗ No Fire ext		
D	✓ Signal lights not working		
D	✓ No rear lights		
D	✓ Top up coolant + HYD		
D	✓ Intermittent Starter engagement ^{engagement} DIAGNOSE		
D	✓ Broken ground wire @ trailer		
D	✓ Grease unit		
	✗ Seal coming out @ art hitch		
D	✓ missing RH cab panel screw.		

BD

Technician (Print Name)
Technicians Signature

UNIT #:	ADT 0325	UNIT TYPE/DESCRIPTION:	Volvo A35		
Wo#	4327	ODOMETER:	ENGINE HOURS:	DATE:	may 3/23

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
✓	3	396 4604	Bushing v/c		
✓	3	814 8488	lock nut v/c		
✓	6	318 3368	Sleeve		
✓	6	205 36487	O-ring		
✓	2	167 7370	Sealing ring		
✓	6	213 44774	Flange screw		
✓	14	213 44776	Rocker shaft bolts		

PC

BD
Technicians Signature

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 41327-ADT0325

Order Number: 0900654640

Confirmation Number: Q144061-04052023-116515

Order Date: 05-04-2023 09:17 AM PDT

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	3183368	SLEEVE	6	CAD95.94	CAD575.64
VOE	20536487	O-RING	6	CAD8.73	CAD52.38
VOE	3964604	BUSHING	3	CAD16.03	CAD48.09
VOE	8148488	LOCK NUT	3	CAD10.49	CAD31.47
VOE	1677370	SEALING RING	2	CAD10.32	CAD20.64
VOE	21344774	FLANGE SCREW	6	CAD2.77	CAD16.62
VOE	21344776	FLANGE SCREW	14	CAD7.29	CAD102.06

Please keep this page for your records.

Parts Subtotal: CAD846.88

Tax: CAD42.33

Est Total: CAD889.21

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 41327-ADT0325

Order Number: 0900655926

Confirmation Number: Q144061-09052023-116626

Order Date: 05-09-2023 11:18 AM PDT

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	9022172535	UNIT INJECTOR	2	CAD1,753.86	CAD3,507.72
VOE	8022172535	UNIT INJECTOR CORE	2	CAD1,315.40	CAD2,630.80

Please keep this page for your records.

Parts Subtotal: CAD6,138.54

Tax: CAD306.93

Est Total: CAD6,445.47

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

UNIT #:	AD1-0325	UNIT TYPE/DESCRIPTION:			
Work #	41327	ODOMETER:	ENGINE HOURS:	DATE:	

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	4	22172535	INJECTOR	897.00	3588.00
			CORE	200.00	800.00
					4388.00
	2	09022172535	INJECTOR	1753.86	3507.72
	2	8022172535	CORE	1315.40	2630.80
					6138.52
			7095.72		3430.80
			E MAIL - MAY 19-23		
			1058AM		
			ORDERED MAY 19-23		
			12:00PM		

 Technician (Print Name) Technicians Signature

Russell Glazier

From: Rob Senecal <rsenecal@chemco.com>
Sent: Tuesday, May 9, 2023 11:19 AM
To: Russell Glazier; Darryl Matchem
Cc: Ryan Chappell
Subject: RE: ADT0325

Morning

Thanks for the info

Please proceed I will add it to the capital repair sheet

Rob Senecal

Heavy Equipment Manager – Mechanics

D. +1 (780) 306-7567

E. rsenecal@chemco.com

chemco

chemco.com



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From: Russell Glazier <rglazier@chemco.com>
Sent: Tuesday, May 9, 2023 10:59 AM
To: Rob Senecal <rsenecal@chemco.com>; Darryl Matchem <dmatchem@chemco.com>
Cc: Ryan Chappell <rchappell@chemco.com>
Subject: ADT0325

Hello, ADT0325 requires 6 injectors all 6 failed testing. I can get 4 from GCL Diesel cost is 897.00 each and 200.00 core each that's = 4388.00 and 2 from Strongco at 1753.86 each and 1315.40 core each = 6138.52 for a grand total of 10526.52

If we get core credit price will be 7095.72, please advise path forward. Parts can be here in a few days.

Thanks

Russ

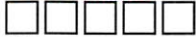
Russell Glazier



HD Parts / Service Writer, Asset Management

Phone: [780-436-9570](tel:780-436-9570) | Email:

www.chemco.com



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Russell Glazier

HD Parts / Service Writer

P. +1 (780) 436-9570

E. rglazier@chemco.com



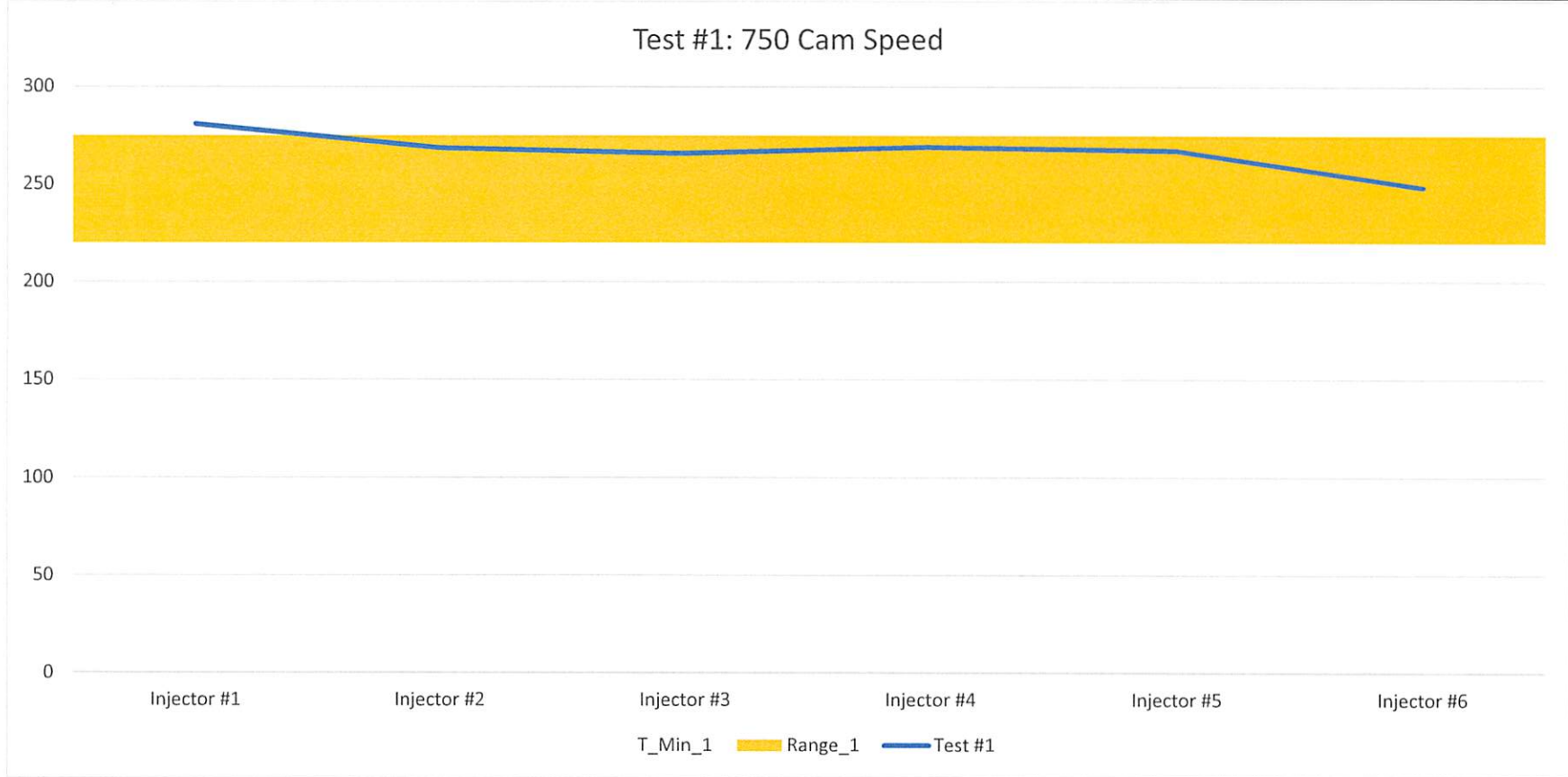
chemco.com



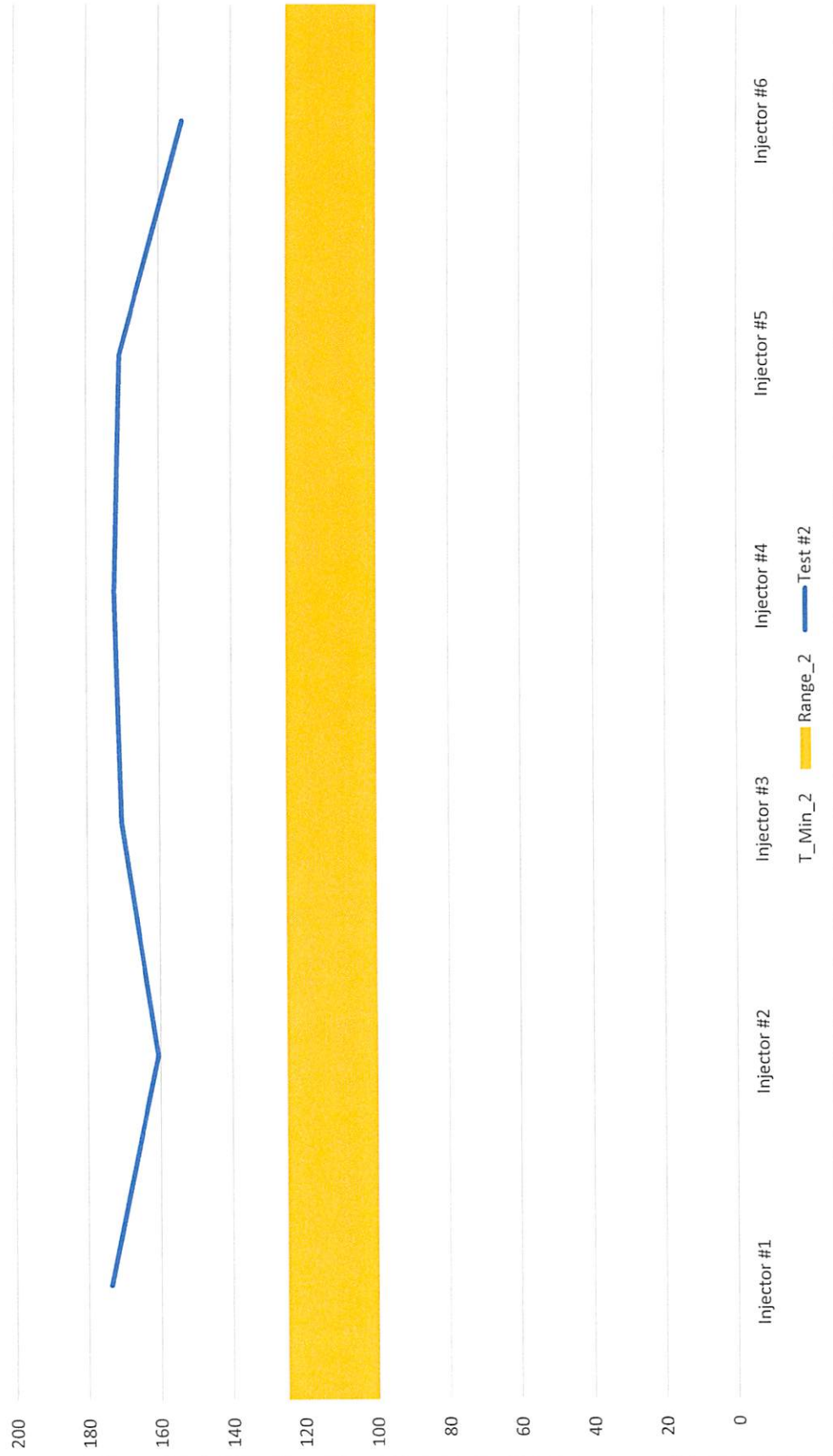
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ADT-0325

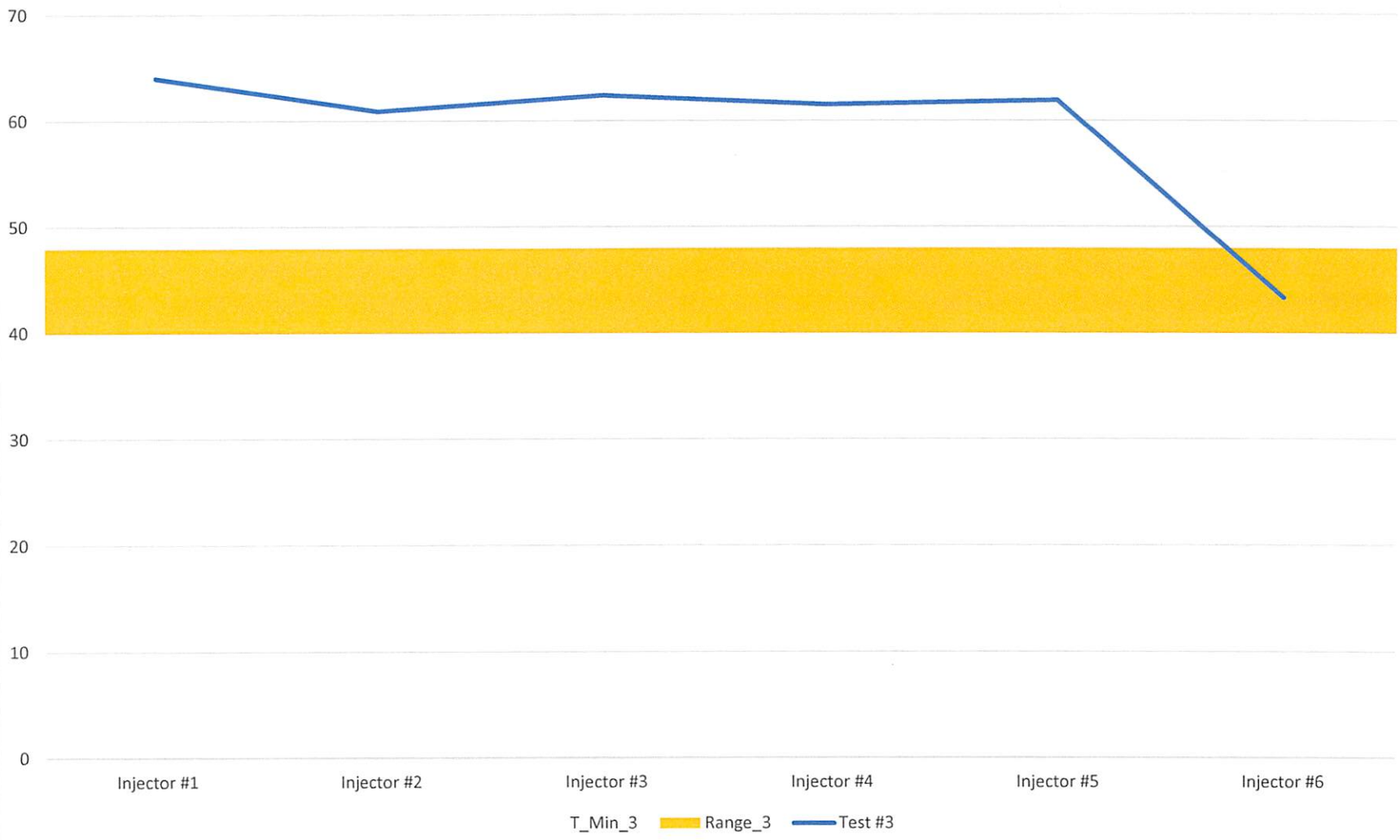
	Test #1	Test #2	Test #3	Comments	SRT
Injector #1	280.8	173.9	64	A bit erratic delivery at max RPM	
Injector #2	268.6	160.7	60.9		
Injector #3	265.9	170.6	62.4		
Injector #4	269	172.5	61.5		
Injector #5	267.3	171	61.9	A bit erratic delivery at max RPM	
Injector #6	248.5	153.6	43.3	Erratic delivery at max RPM	



Test #2: 600 Cam Speed



Test #3: 420 Cam Speed



chemco Parts Requisition MTE-0130

UNIT #: ADT 0325 UNIT TYPE/DESCRIPTION: Volvo A35E
 WO # 41327 ODOMETER: ENGINE HOURS: DATE: May 24/23

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
✓		9011423474	Starter		
			Starter gasket		
✓	1	909587	Screw 919587 997504		
✓	1	60110304	washer		

BD Technician (Print Name) _____ Technicians Signature _____

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 41327-ADT0325

Order Number: 0900660178

Confirmation Number: Q144061-24052023-116960

Order Date: 05-24-2023 15:22 PM PDT

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	997504	SIX POINT SOCKET SCREW	1	CAD2.46	CAD2.46
VOE	60110304	WASHER	1	CAD1.62	CAD1.62

Please keep this page for your records.

Parts Subtotal: CAD4.08

Tax: CAD0.20

Est Total: CAD4.28

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*



INVOICE 92333927

REMIT TO: STRONGCO LIMITED PARTNERSHIP
 1640 ENTERPRISE ROAD
 MISSISSAUGA ONTARIO L4W 4L4
 TEL: (905) 670-5100 FAX (905) 670-7869

Invoice Date	Terms
May 23, 2023	Net 30

PAYER: 144061

SHIP TO: P1050

CHEMCO ELECTRICAL CONTRACTORS LTD.
 3135 - 4TH STREET
 NISKU AB T9E 8L1

Strongco Acheson
 25616 117 AVENUE
 Acheson AB T7X 6C2

Customer PO: ADT-~~1025~~ ⁰³²⁵

Originating Plant: Acheson (780 948-3515)

Strongco Ref #: 8000365444

Ship Via:

Delivery #:

Strongco Equip #: 70514
 Cust Unit #: E074

Make: VOLVO
 Hour Meter: 11685

Model: A35E

Mfg.Serial Number: 10325

Part Number	Description	QTY B/O	QTY Shipped	Price/Unit	Amount
JOB 8000365444 SERVICE WORK:					
CALLED IN BY: Ryan Chappell					
Darrell # 780 686 9646					
Nisku					
<p>May 17/23 - Perform pre-trip. Travel to site. Discuss issue and got parts from customer. Locate machine in yard. Fill out H/A. (Injectors have been already removed) Clean pails and drain coolant. Remove valve cover. Align rockers on rockershaft and set up lifting devices. Lifted rockershaft off. Remove valve bridges. Remove all injector sleeves. Clean out all bores and prepare new sleeves. Install engine turning tools. Install all copper injector sleeves. Note all S/N's and trim codes from all new injectors. Prepare new injectors and install. Torque in sequence. Install valve bridges and lift rockershaft into place. Torque in sequence. Perform complete valve set. Remove engine turning tools. Install new o-rings onto VEB valve and install valve. Hook up injector harness. Clean sealing surfaces. Install valve cover and</p>					

Title of goods shall remain with the company until purchase price has been paid in full. Interest will accrue on overdue items or any portion thereof at the rate of 1.00% per month, 12.69% per year. Parts which are not special ordered can be considered for return by Strongco Limited Partnership at its sole discretion. The parts must be sealed, in original packaging, with the original labels, clear of any marking, unsoiled, without damage, and meet criteria to resell and/or is deemed returnable by the original vendor; with return charges prepaid. Parts accepted for return are subject to a minimum 20% restocking fee. Credit will be issued upon reception of the parts in a Strongco branch. Non-returnable parts include (but not limited to) the following: (i) parts not in new sealed or sellable condition; (ii) parts removed from a machine; (iii) parts kits that have been opened; (iv) parts more than 90 days old from date of purchase; (v) parts which are perishable, unprotected, unidentified, incomplete, discontinued, replaced, rusty, damaged or installed; (vi) electrical component parts; (vii) parts sold as non-returnable or as special ordered.



INVOICE 92333927

REMIT TO: STRONGCO LIMITED PARTNERSHIP
 1640 ENTERPRISE ROAD
 MISSISSAUGA ONTARIO L4W 4L4
 TEL: (905) 670-5100 FAX (905) 670-7869

Invoice Date	Terms
May 23, 2023	Net 30

Part Number	Description	QTY B/O	QTY Shipped	Price/Unit	Amount
	torque. Put coolant back in and prime fuel system. Hook up T/T and program all new injector trim codes. Clear DTC's. Ran engine and check sensor values. Engine running good with no errors. Clean tools and pack up. Return travel. Complete paperwork. RTP.				
	Parts				0.00
	Labour				2,103.78
	Travel Labour				124.39
	Consumables Fees				178.25
	Enviromental fees				66.85

Total Before Tax 2,473.27
 GST (847064128RT0001) 123.66

Invoice Total (CAD) 2,596.93

Title of goods shall remain with the company until purchase price has been paid in full. Interest will accrue on overdue items or any portion thereof at the rate of 1.00% per month, 12.69% per year. Parts which are not special ordered can be considered for return by Strongco Limited Partnership at its sole discretion. The parts must be sealed, in original packaging, with the original labels, clear of any marking, unsoiled, without damage, and meet criteria to resell and/or is deemed returnable by the original vendor, with return charges prepaid. Parts accepted for return are subject to a minimum 20% restocking fee. Credit will be issued upon reception of the parts in a Strongco branch. Non-returnable parts include (but not limited to) the following: (i) parts not in new sealed or sellable condition; (ii) parts removed from a machine; (iii) parts kits that have been opened; (iv) parts more than 90 days old from date of purchase; (v) parts which are perishable, unprotected, unidentified, incomplete, discontinued, replaced, rusty, damaged or installed; (vi) electrical component parts; (vii) parts sold as non-returnable or as special ordered.

WRENCHHEAD MECHANICAL
 3135 4 ST
 NISKU, ALBERTA. T9E-8L1
 Phone: 780-436-9570 Fax: 780- -

INVOICE
40267
 Org. Est. # 057037

INVOICE

Printed Date: 01/30/2023 Work Completed: 01/30/2023

CHEMCO-OFF ROAD
 3135-4 ST
 NISKU, ALBERTA T9E-8L1
 Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
 Lic # : Odometer In : 95825
 Unit # : ADT-0325
 VIN # : VCE0A35EC **00010325**
 Engine Hrs In : 11551.0 Engine Hours Out : 11551.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
LENS -ORDER VOE11039971	1.00	8.22	8.22	(1) GET SITE READY AND INSPECTION ** SEE TECH SHEET	3,965.00
FILTER -ORDER VOE17438618	2.00	118.52	237.04	** RESEAL HOIST CYLINDER ** ** RE-SEAL AND TEST HOIST CYLINDER ** ** DYNAMIC FLUID INVOICE 1008872 **	989.42
RUBBER ELEMENT -ORDER VOE16898678	1.00	1,623.50	1,623.50		
LENS -ORDER VOE4803472	1.00	6.81	6.81		
LENS -ORDER VOE11039558	1.00	17.07	17.07		
ORING -ORDER VOE962500	2.00	27.30	54.60		
GASKET -ORDER VOE16801902	1.00	65.72	65.72		
AIR BREATHER FILTER-STK AF27819	3.00	17.42	52.26		
CHEMCO MASTER VHF RADIO-STK NX3720M	1.00	675.00	675.00		
VHF ANTENNA KIT-STK VHF M	1.00	54.95	54.95		
LIGHT BULB -STK P21W	2.00	1.75	3.50		
RING -STK VOE4965124	1.00	451.62	451.62		
OIL SAMPLE JAR-STK 3202711103-50	4.00	25.44	101.76		
EXHAUST HOSE -ORDER VOE11050994	1.00	2,072.52	2,072.52		
RING -ORDER VOE4881590	2.00	104.97	209.94		
GASKET -ORDER VOE11052381	1.00	81.75	81.75		
EXHAUST PIPE -ORDER VOE11052630	1.00	713.71	713.71		
STUD -ORDER VOE11064911	3.00	60.81	182.43		
COMPRESSION RING -ORDER VOE4940623	3.00	11.65	34.95		
FREIGHT -ORDER FRT	1.00	490.00	490.00		
SLEEVE -ORDER	6.00	28.27	169.62		

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 3135 4 ST
 NISKU, ALBERTA. T9E-8L1
 Phone: 780-436-9570 Fax: 780- -

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CHEMCO-OFF ROAD
 3135-4 ST
 NISKU, ALBERTA T9E-8L1
 Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
 Lic # :
 Unit # : ADT-0325
 VIN # : VCE0A35EC 00010325
 Engine Hrs In : 11551.0
 Odometer In : 95825
 Engine Hours Out : 11551.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
VOE4940622					
TUBE -ORDER	1.00	1,135.23	1,135.23		
VOE11059317					
MUFFLER -ORDER	1.00	2,422.87	2,422.87		
VOE11121775					
EXHAUST PIPE -ORDER	1.00	583.22	583.22		
VOE4965132					
HEX NUT -ORDER	11.00	5.14	56.54		
VOE990970					
HOSE ASSEMBLY -ORDER	1.00	190.31	190.31		
VOE938028					
ORING -ORDER	1.00	6.92	6.92		
VOE993323					
FREIGHT -ORDER	2.00	10.50	21.00		
FRT					
NUT PLATE -ORDER	2.00	77.48	154.96		
VOE11114404					
SPLIT PIN -ORDER	2.00	0.74	1.48		
VOE907816					
TOOL RETAINER -ORDER	2.00	9.13	18.26		
VOE11114815					
WASHER -ORDER	2.00	10.66	21.32		
VOE11114412					
ORING -ORDER	2.00	5.29	10.58		
VOE990742					
SIX POINT SOCKET SCREW -ORDER	6.00	4.36	26.16		
VOE60110113					
BUSHING -ORDER	2.00	13.54	27.08		
VOE11064908					
FLANGE SCREW -ORDER	4.00	3.26	13.04		
VOE984734					
COMPRESSION SPRING -ORDER	1.00	11.28	11.28		
VOE1629092					
CLEVIS PIN -ORDER	2.00	6.81	13.62		
VOE13964833					
DRAIN VALVE -ORDER	1.00	36.01	36.01		
VOE16891310					
BUSHING -ORDER	2.00	12.82	25.64		
VOE11051217					
SPRING RETAINER -ORDER	2.00	12.91	25.82		
VOE1629130					

WRENCHHEAD MECHANICAL

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 Phone: 780-436-9570 Fax: 780- -

INVOICE

40267

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Printed Date: 01/30/2023 Work Completed: 01/30/2023

CHEMCO-OFF ROAD
 3135-4 ST
 NISKU, ALBERTA T9E-8L1
 Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
 Lic # :
 Unit # : ADT-0325
 VIN # : VCE0A35EC 00010325
 Engine Hrs In : 11551.0 Engine Hours Out : 11551.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
1" HEATER HOSE /FT-STK 5526-100	2.00	9.59	19.18		
LIGHT BULB -STK P21W	2.00	1.89	3.78		
GASKET -ORDER VOE1102381	2.00	81.74	163.48		
HYDRAULIC FILTER -ORDER PT9435-MPG	2.00	48.15	96.30		
SEALING KIT -ORDER VOE11707545	2.00	69.26	138.52		
ALLEN HEAD SCREW -ORDER VOE963683	4.00	1.80	7.20		
GASKET -ORDER VOE11119900	1.00	24.83	24.83		
PLATE -ORDER VOE11119901	1.00	25.08	25.08		
GLASS -ORDER VOE11114440	1.00	45.20	45.20		
HOUSING -ORDER VOE11114439	1.00	62.23	62.23		
BULB -ORDER VOE990037	2.00	18.97	37.94		
LAMP -ORDER VOE992521	2.00	9.61	19.22		
5/8" RIBBED SLEEVE -STK 1460-10	1.00	0.28	0.28		
CLAMP -STK VOE1624612	1.00	27.52	27.52		
5AMP STANDARD BLADE FUSE -STK PATC-5	1.00	1.33	1.33		
V CLAMP -ORDER VOE15113226	1.00	59.90	59.90		
CLAMP -ORDER VOE11050442	2.00	95.49	190.98		
FRT -ORDER FRT	1.00	280.00	280.00		
MUFFLER -ORDER VOE15015148	1.00	2,774.96	2,774.96		
BULB -ORDER VOE992519	2.00	6.05	12.10		

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

INVOICE

40267

Org. Est. # 057037

INVOICE

Printed Date: 01/30/2023 Work Completed: 01/30/2023

CHEMCO-OFF ROAD
3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # :
Unit # : ADT-0325
VIN # : VCE0A35EC **00010325**
Engine Hrs In : 11551.0
Odometer In : 95825
Engine Hours Out : 11551.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
50/50 LONGLIFE ANTIFREEZE-STK PREGD3000	10.00	2.98	29.80		
75W90 SYNTHETIC GEAR OIL-STK 75W90SYN	99.00	11.33	1,121.67		
HYD OIL-STK AW-32	36.00	3.91	140.76		
Shop Supplies			100.00		

Org. Estimate 2,689.33 Revisions 0.00 Current Estimate 2,689.33

Labor:	3,965.00
Parts:	17,490.57
Sublet:	989.42
SubTotal:	22,444.99
Tax:	1,122.25
Total:	23,567.24
Bal Due:	\$23,567.24

[Payments -] *stk- 2784*

Vehicle Received: 1/16/2023

Customer Number : 3904

GST#865376503RT0001

Signature _____ Date _____

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

REPAIR ORDER #

040267

Org. Est. # 057037

REPAIR ORDER - RO

Scheduled : 01/04/2023 08:40 AM

Print Date : 1/4/2023

CHEMCO-OFF ROAD

3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570
Cust ID : 3904
Last Service : 11/17/2022

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : - AB
Unit # : ADT-0325
VIN # : VCE0A35EC **00010325**
MFG Date : 8/5/2014
Current Odom : 0

Previous Odom : 86770

Elapsed : 0

<i>Labor Requested / Part SubTotal</i>	Extended
(1) GET SITE READY AND INSPECTION	325.00
Shop Supplies	16.25
Parts Subtotal	0.00

Parts: 0.00
Labor: 325.00

Supplies: 16.25

Tax: 17.06

Total: 358.31
Balance: 358.31

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ____. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

Technician Work Sheet Service Writer : GLAZIER, RUSSELL

Print Date: 1/04/2023

2008 Volvo - A35E ROCK TRUCK UNIT#E074

Hat # :

Repair Order #

VIN # : VCE0A35EC 00010325

Color :

040267

Engine : D12D

Location :

Lic # :

Lic. State : AB

CHEMCO-OFF ROAD

Office 780-436-9570

Schedule : 1/04/23 8:45 A.M.

Promised Date : 1/04/23 5:00 P.M.

Inspection Date : 8/05/14

Status :

Last Service : 11/17/22

Unit # : ADT-0325

Current Odometer : 0

Trans :

Previous Mileage : 86,770

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/05/14

Labor Description	Charged Hours
<input checked="" type="checkbox"/> (1) GET SITE READY AND INSPECTION Technician: <none>	5.00

Notes

Vehicle Memo
** PARTS ON HOLD SHELF **

OUT ODOMETER : 11555
Hours out: 0.00

Total Hours Charged : 5.00

Tech Notes



Heavy Truck

Date: 26 01 23 Unit: ADT 0325 Inspector: Sean Hours: 11555

Is a PM required within the next 100 hrs? (Yes/No) No If yes, perform or arrange PM.

Inspection List:	Pass/Fail	Repaired (initial)	Inspection List:	Pass/Fail	Repaired (initial)
Tires, lug nuts, rims	✓		On the Machine, Outside the cab		
Front Hubs	✓		Fuel tank	✓	
Transmission Oil	✓		Hydraulic oil tank	✓	
Front Differential	✓		Fire Extinguisher	✓	
Rear Differential	✓		Windshield wipers & washers	✓	
Underneath of machine	✓		Batteries & hold downs	✓	
Air system	✓		Mirrors & windows	✓	
Steering Components	✓		Weather fronts	NA	
Breaks & suspension	✓		Inside the Cab		
Overall body, fenders & mud flaps	✓		Seats	✓	
Winch (if equipped)			Seat belts & mounting	✓	
Park Brake	✓		Horn, back up alarm, lights, camera	✓	
U-joints	✓		Gauges, indicator lights, alarms	✓	
Engine Compartment			Codes	✓	
Engine Oil	✓		Heater & AC	✓	
Engine coolant	✓		Overall cab interior	✓	
Exhaust	✓		Spill kit, first aid kit, flare kit	✓	
Air filters(engine, cab), Engine pre-cleaner	✓		Radios (AM/FM, 2-way) GPS & Antennas	✓	
Radioator	✓		Decals & signage	✓	
Fuel water separator	✓		Window Breaker	✓	
Positive air shut off	✓		Belly Tarp	NA	
All hoses & fittings	✓		Other		
All belts	✓				
Alternator output <u>27.5</u>	✓				
Power steering	✓				
Overall engine compartment	✓				

Comments:

Inspector Signature: Print: Sean

√ P = Pass F = Fail R = Repaired N/A = Not Applicable

UNIT #:	ADT0325	ODOMETER:	95825	ENGINE HOURS:	11551	DATE:	04/01/23				
		P	F	R	N/A	P	F	R	N/A		
1	LOCKOUT IN PLACE	✓				21	Transmission Oil level / Internals Fluid levels	✓			
2	WHEEL CHOCKS IN PLACE	✓				22	Engine Coolant & Strength	✓			
3	Oil Samples	✓				22	Engine Oil Fluid Level 0w- 40 Synthetic in Winter	✓			
4	Overall Machine <i>Grill</i> Loose Or Missing Nuts & Bolts, Loose Guards, Cleanliness	✓	X			23	Radiator Debris, Damage, Leaks	✓			
5	Lights Broken lamps, lenses, operation	✓	X			24	Overall Engine Compartment Trash Or Dirt Buildup, Leaks	✓	X		
6	Steering hydraulic system Leaks, worn hoses, damaged lines	✓				25	All Hoses Cracks, Wear Spots, Leaks <i>Need a clean to Verify</i>	✓	X		
7	Underneath Machine Leaks, Damage, People Working	✓	X			26	All Belts Tightness, Wear, Cracks	✓			
8	Tires, rims, hub, stem caps Inflation, Leaks, Damage, Wear	✓				27	Overall Cab Interior Cleanliness	✓	X		
9	Brakes, Suspension Leaks, Damage, Wear	✓				28	Roll Over Protection System Damage	✓			
10	Grab Irons, Steps, Handholds Condition And Cleanliness	✓	X			29	Gauges, lights, switches Damage, operation <i>High Beam</i>	✓	X		
11	Battery Compartment <i>Sedat</i> Connections, Fluid level	✓				30	Seat Belt, Buckle & Mounting Damage, Wear, Adjustment	✓			
12	Air Filter Restriction Indicator	✓				31	Seat Adjustment, Brake Travel	✓			
13	Windshield Wipers & Washers Wear, Damage, Fluid Level	✓				32	Horn, backup alarm, lights Proper Function	✓			
14	Fill Window Washer Fluid with Winter Only	✓				33	Windows and Mirrors Condition, clean, adjust	✓			
15	Fuel tank, hydraulic tank Level, Leaks	✓				34	Drop Box Fluids / Internals <i>Service</i>	✓	✓		
16	Body Damage, wear, distortion	✓				35	Preheat Style Engine Heater and Test	✓			
17	Welds, castings; mounting bolts and pads Cracks; damaged bolts or pads	✓				36	SPILL KIT PROVIDED	✓			
18	All Axles Leaks, Damage, Wear	✓	✓			37	Daily Inspection Booklet	✓			
19	Frame & Hoist Cylinders Cracks, Leaks, Damage, Wear	✓				38	FIRE EXT. CONDITION, DATE, TAG, LOCK, MOUNT	✓			
20	Suspension Cylinders Leaks, Measure cylinder height	✓				39	INSPECTION TAG DATE	<i>NOTAG</i>			
						40	FIRE EXTINGUISHER #:	<i>41939</i>			

V P = Pass F = Fail R = Repaired N/A = Not Applicable

		P	F	R	N/A		P	F	R	N/A
41	Grease Gun & Grease				/	46	Fill Diesel Tank & add Conditioner	✓		
42	Heating Operation	/				47	Install Fuel Cap Lanyard	/		
43	Air Conditioning Operation	/				48	New 2 way radio <i>VHF</i>	✓		
44	GPS	✓				49	Service Decal installed	✓		
45	Positive Air Shutdown & Test	✓				50	<i>Exhaust</i>	✓	x	

TIRE PRESSURE (If not recorded on prescribed Alberta Inspection Record) [] psi [] kPa					
LF:		RF:		LR:	RR:

CHARGING SYSTEM TEST					
VOLTS:	<i>27.6</i>	AMPS:		RPM:	

FUEL LEVEL:	TEST / DRIVE	
	TEST [✓] or TEST DRIVE []	
	Comments:	
CLEANING		
Date	Time	Signature
Washed (Fine Cleaned) <input type="checkbox"/>		
Disinfectant Mist (Clubroot) <input type="checkbox"/>		
<i>Sean</i>		
Technician (Print Name)	Technician Signature	

MAINTENANCE REQUIRED/REMARKS:

**Note metal shavings found in HYD Tank when changing filters and Gasket. Informed by Foreman to carry on and check during operation*

**Intermittent Starting - Ring gear missing teeth in one section, New starter*

INSPECTION REPORT SIGN-OFF		
<i>Sean D</i>		
Technician (Print Name)	Technicians Signature	Supervisors Signature

chemco Parts Requisition MTE-0130

UNIT#: ADT 0325 UNIT TYPE/DESCRIPTION: Volvo 35E
 W# 40267 ODOMETER: 95825 ENGINE HOURS: 11551 DATE: 04/01/23

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
X	1	3981934	Ash tray		
X	2	975380	Six point screw		
✓	2	955892	washer <u>60113297</u>		
✓	1	4803472	lens		
✓	1	11039771	lens		
✓	1	11039558	lens		
	2	990037	Bulb <u>H724V</u>		
✓	1	11121340	<u>16879802</u> Suspension Block <u>16879930</u>		<u>168798678</u>
X	4	4943175	Spacer		
X	4	968297	screw		
X	1	13955416	screw		
✓	3	17438618	H/D oil Filter		
			Drop box service		
			Diff oil service		
✓	3	962500	O ring		
✓	1	16801902	CRANK GASKET		
<u>1005</u>	<u>63</u>				

168798678

1900.00

Jan 6-23
7:27 AM

Sean D
Technician (Print Name)


Technicians Signature

UNIT #:	ADT0325	UNIT TYPE/DESCRIPTION:	UOLVO ASSE		
W#	040267	ODOMETER:	95825	ENGINE HOURS:	11551
				DATE:	16/01/23

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	2	990742	O-ring		
	1	938028	hose		
	3	AF27819	Breather Filter	21-3	
	1	990740	O-ring		
	1	993323	O-ring		
	1		RH Hoist cylinder Send out for reseat Leak @ Red end		

Jan 16 -23
9:10AM

Technician (Print Name) _____
Technicians Signature

Job # 8040-002

8040-002-ER-00014

chemco Heavy Equipment Receiving Inspection Record MTE-0015


√ P = Pass F = Fail R = Repaired N/A = Not Applicable

UNIT #: <u>ADT 0325</u>		Type/Description: <u>Volvo 35 Ton Rock Trucks</u>									
ODOMETER:		ENGINE HOURS: <u>11550</u>	DATE: <u>Nov 22/22</u>								
	P	F	R	N/A		P	F	R	N/A		
1	OVERALL CONDITION OF UNIT	/				17	FIRE EXTINGUISHER & MOUNT	/			
2	EXTERIOR CONDITION/CLEANLINESS		/			18	FIRE EXTINGUISHER ID				<u>41939</u>
3	UNIT #'S, DECALS & WARNING DECALS	/				19	FIRE EXTINGUISHER INSPECTION DATE				<u>JAN 2023</u>
4	WINDSHIELD/GLASS	/				20	DOOR/TAILGATE/ TAILGATE CABLES/ HANDLE	/			
5	BODY & DOORS	/				21	PAINT	/			
6	TIRES, TRACKS, UNDERCARRIAGE	/				22	BACKUP ALARM	/			
7	CHEMCO ID TAGS & NUMBERS	/				23	FUEL LEVEL <u>1/8</u>		/		
8	INTERIOR CONDITION/ CLEANLINESS		/			24	SERVICE STICKER	/			
9	SEAT COVER / BELTS	/				25	PINS & BUSHINGS	/			
10	KEYS	/				26	WEAR PARTS (TEETH,CUTTING EDGES)	/			
11	INSPECTION BOOK		/			27	GREASE JOINTS	/			
12	OPERATOR'S, OWNER'S MANUALS		/			28	ACCESSORIES				/
13	LIGHTS,GAUGES/SWITCHES	/				29	SPILL KIT FOR UNITS HAVING HYDRAULICS	/			
14	MIRRORS	/				30					
15	FLUID LEVELS	/				31					
16	LEAKS	/				32					

MAINTENANCE REQUIRED/REMARKS:

Front Grille missing, Service @ 11329 hr

INSPECTION REPORT SIGN-OFF

<u>Collins</u> Receiver (Print Name)	 Receiver's Signature	 Supervisors Signature
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Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900620955

Confirmation Number: Q144061-05012023-113620

Order Date: 01-05-2023 08:19 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11114404	NUT PLATE	2	CAD77.18	CAD154.36
VOE	60110113	SIX POINT SOCKET SCREW	6	CAD4.36	CAD26.16
VOE	990941	FLANGE NUT	1	CAD5.68	CAD5.68
VOE	13964860	CLEVIS PIN	1	CAD16.89	CAD16.89
VOE	60111981	WASHER	1	CAD2.85	CAD2.85
VOE	907847	SPLIT PIN	1	CAD0.66	CAD0.66
VOE	11118937	SPACER RING	2	CAD17.03	CAD34.06
VOE	11195978 X	PILLAR	1	CAD825.86	CAD825.86
VOE	984756 X	FLANGE SCREW	9	CAD3.37	CAD30.33
VOE	11055613 X	PLAIN WASHER	1	CAD9.68	CAD9.68
VOE	11114940 X	LOCK BOLT	2	CAD66.46	CAD132.92
VOE	984735 X	FLANGE SCREW	4	CAD2.10	CAD8.40
VOE	60113882 X	WASHER	4	CAD4.43	CAD17.72
VOE	990950 X	FLANGE LOCK NUT	4	CAD1.20	CAD4.80
VOE	60113578 X	SPACER SLEEVE	9	CAD11.20	CAD100.80
VOE	11195977 X	PILLAR	1	CAD1,564.49	CAD1,564.49
VOE	994849 X	WASHER	3	CAD0.92	CAD2.76
VOE	11115612 X	TOOL RETAINER	2	CAD10.28	CAD20.56
VOE	11115663 X	BLIND RIVET	8	CAD1.60	CAD12.80
VOE	11114288 X	ANCHORAGE	2	CAD247.62	CAD495.24
VOE	11114492 X	NUT PLATE	2	CAD125.51	CAD251.02
VOE	984815 X	FLANGE SCREW	4	CAD2.90	CAD11.60
VOE	11059149 X	PIN	2	CAD174.31	CAD348.62
VOE	60113068 X	FLANGE SCREW	2	CAD1.64	CAD3.28
VOE	11091424 X	SLIP PROTECTION	4	CAD60.25	CAD241.00
VOE	11192262 X	BRACKET	1	CAD112.46	CAD112.46
VOE	11192263 X	BRACKET	1	CAD108.15	CAD108.15
VOE	11114711 X	RUBBER STOP	2	CAD6.55	CAD13.10
VOE	60113866 X	PLAIN WASHER	1	CAD1.98	CAD1.98

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11064908	BUSHING	2	CAD13.57	CAD27.14
VOE	984729	FLANGE SCREW	2	CAD1.92	CAD3.84
VOE	11112372	WASHER	2	CAD58.25	CAD116.50
VOE	984734	FLANGE SCREW	4	CAD3.27	CAD13.08
VOE	11051217	BUSHING	2	CAD12.86	CAD25.72
VOE	1629092	COMPRESSION SPRING	1	CAD11.20	CAD11.20
VOE	1629130	SPRING RETAINER	2	CAD12.86	CAD25.72
VOE	13964833	CLEVIS PIN	2	CAD7.02	CAD14.04
VOE	907816	SPLIT PIN	2	CAD0.72	CAD1.44
VOE	16891310	DRAIN VALVE	1	CAD35.88	CAD35.88
VOE	11114815	TOOL RETAINER	2	CAD9.83	CAD19.66
VOE	11114412	WASHER	2	CAD10.60	CAD21.20

Please keep this page for your records.

Parts Subtotal: CAD5,038.56

Tax: CAD251.94

Est Total: CAD5,290.50

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order

1872
2210
10102.

Strongco Customer Portal

<http://www.strongco.com>
dmasterdata@strongco.com

Order Number:

Confirmation Number:

Order Date: 01-04-2023 14:23 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

JAN 5-23 9:37 AM
JK

40267 - ADT 0325 Hood \$873.65

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11114404	NUT PLATE	2	CAD77.18	CAD154.36
VOE	60110113	SIX POINT SOCKET SCREW	6	CAD4.36	CAD26.16
VOE	990941	FLANGE NUT	1	CAD5.68	CAD5.68
VOE	13964860	CLEVIS PIN	1	CAD16.89	CAD16.89
VOE	60111981	WASHER	1	CAD2.85	CAD2.85
VOE	907847	SPLIT PIN -	1	CAD0.66	CAD0.66
VOE	11118937	SPACER RING -	2	CAD17.03	CAD34.06
VOE	11195978 X	PILLAR	1	CAD825.86	CAD825.86
VOE	984756 X	FLANGE SCREW	9	CAD3.37	CAD30.33
VOE	11055613 X	PLAIN WASHER	1	CAD9.68	CAD9.68
VOE	11114940 X	LOCK BOLT	2	CAD66.46	CAD132.92
VOE	984735 X	FLANGE SCREW	4	CAD2.10	CAD8.40
VOE	60113882 X	WASHER	4	CAD4.43	CAD17.72
VOE	990950 X	FLANGE LOCK NUT	4	CAD1.20	CAD4.80
VOE	60113578 X	SPACER SLEEVE	9	CAD11.20	CAD100.80
VOE	11195977 X	PILLAR	1	CAD1,564.49	CAD1,564.49
VOE	994849 X	WASHER -	3	CAD0.92	CAD2.76
VOE	11115612 X	TOOL RETAINER	2	CAD10.28	CAD20.56
VOE	11115663 X	BLIND RIVET	8	CAD1.60	CAD12.80
VOE	11114288 X	ANCHORAGE	2	CAD247.62	CAD495.24
VOE	11114492 X	NUT PLATE	2	CAD125.51	CAD251.02

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	984815 X	FLANGE SCREW	4	CAD2.90	CAD11.60
VOE	11059149 X	PIN	2	CAD174.31	CAD348.62
VOE	60113068 X	FLANGE SCREW	2	CAD1.64	CAD3.28
VOE	11091424 X	SLIP PROTECTION	4	CAD60.25	CAD241.00
VOE	11192262 X	BRACKET	1	CAD112.46	CAD112.46
VOE	11192263 X	BRACKET	1	CAD108.15	CAD108.15
VOE	11114711 X	RUBBER STOP	2	CAD6.55	CAD13.10
VOE	60113866 X	PLAIN WASHER	1	CAD1.98	CAD1.98
VOE	11064908	BUSHING	2	CAD13.57	CAD27.14
VOE	984729	FLANGE SCREW	2	CAD1.92	CAD3.84
VOE	11112372	WASHER	2	CAD58.25	CAD116.50
VOE	984734	FLANGE SCREW	4	CAD3.27	CAD13.08
VOE	11051217	BUSHING	2	CAD12.86	CAD25.72
VOE	1629092	COMPRESSION SPRING	1	CAD11.20	CAD11.20
VOE	1629130	SPRING RETAINER	2	CAD12.86	CAD25.72
VOE	13964833	CLEVIS PIN	2	CAD7.02	CAD14.04
VOE	907816	SPLIT PIN	2	CAD0.72	CAD1.44
VOE	16891310	DRAIN VALVE	1	CAD35.88	CAD35.88
VOE	8191345	\${item.description}	1	CAD0.00	CAD0.00
VOE	11114815	TOOL RETAINER	2	CAD9.83	CAD19.66
VOE	11114412	WASHER	2	CAD10.60	CAD21.20

Requested Item 969768 has been replaced by 60110113
 Requested Item 60113141 has been replaced by 990941
 Requested Item 13945444 has been replaced by 984735
 Requested Item 11055612 has been replaced by 60113882
 Requested Item 60113167 has been replaced by 990950
 Requested Item 4943026 has been replaced by 60113578
 Requested Item 976945 has been replaced by 994849
 Requested Item 13965191 has been replaced by 984815
 Requested Item 13965175 has been replaced by 60113068
 Requested Item 60113311 has been replaced by 60113866
 Requested Item 13965176 has been replaced by 984729
 Requested Item 60113080 has been replaced by 984734
 Requested Item 11195163 has been replaced by 16891310

Please keep this page for your records.

4873.65

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

Order Number:

Confirmation Number:

Order Date: 01-04-2023 15:09 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	3981934	ASHTRAY	1	CAD138.35	CAD138.35
VOE	975380	SIX POINT SOCKET SCREW	2	CAD1.80	CAD3.60
VOE	60113297	WASHER	2	CAD2.65	CAD5.30
VOE	4803472	LENS	1	CAD7.04	CAD7.04
VOE	11039771	LENS	1	CAD8.48	CAD8.48
VOE	11039558	LENS	1	CAD17.03	CAD17.03
VOE	990037	BULB	2	CAD18.99	CAD37.98
VOE	60113128	FLANGE SCREW	4	CAD2.66	CAD10.64
VOE	4943175	\$(item.description)}	8	CAD0.00	CAD0.00
VOE	60110030	HEXAGON SCREW	1	CAD39.54	CAD39.54
VOE	962500	O-RING	3	CAD27.18	CAD81.54
VOE	16879930	RUBBER SPRING	1	CAD1,456.15	CAD1,456.15

Requested Item 955892 has been replaced by 60113297
 Requested Item 968297 has been replaced by 60113128
 Requested Item 13955416 has been replaced by 60110030
 Requested Item 11121340 has been replaced by 16879930

Please keep this page for your records.

1805.65

Parts Store Order**Strongco Customer Portal**<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900621224

Confirmation Number: Q144061-06012023-113656

Order Date: 01-06-2023 06:27 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Will Call At:

25616 117 AVE
Acheson, AB T7X 6C2

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	975380	SIX POINT SOCKET SCREW	2	CAD1.80	CAD3.60
VOE	60113297	WASHER	2	CAD2.65	CAD5.30
VOE	4803472	LENS	1	CAD7.04	CAD7.04
VOE	11039771	LENS	1	CAD8.48	CAD8.48
VOE	11039558	LENS	1	CAD17.03	CAD17.03
VOE	17438618	FILTER ELEMENT	3	CAD117.55	CAD352.65
VOE	16898678	RUBBER ELEMENT	1	CAD1,622.77	CAD1,622.77
VOE	962500	O-RING	3	CAD27.18	CAD81.54
VOE	16801902	GASKET	1	CAD65.49	CAD65.49

Please keep this page for your records.

Parts Subtotal: CAD2,231.67

Tax: CAD111.59

Est Total: CAD2,343.26

** Shipping charges will apply. Additional
core and/or environmental charges may
apply to some parts.*

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900623642

Confirmation Number: Q144061-16012023-113859

Order Date: 01-16-2023 08:03 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	938028	HOSE ASSEMBLY	1	CAD196.20	CAD196.20
VOE	990740	O-RING	1	CAD3.71	CAD3.71
VOE	993323	O-RING	1	CAD7.13	CAD7.13
VOE	990742	O-RING	2	CAD5.46	CAD10.92

Please keep this page for your records.

Parts Subtotal: CAD217.95

Tax: CAD10.91

Est Total: CAD228.86

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>
dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900624311

Confirmation Number: Q144061-17012023-113914

Order Date: 01-17-2023 12:56 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11059317	TUBE	1	CAD1,135.23	CAD1,135.23
VOE	11121775	MUFFLER	1	CAD2,497.80	CAD2,497.80
VOE	11050994	EXHAUST HOSE	1	CAD2,136.62	CAD2,136.62
VOE	4881590	RING	2	CAD108.20	CAD216.40
VOE	4965132	EXHAUST PIPE	1	CAD601.26	CAD601.26
VOE	11052381	GASKET	1	CAD84.28	CAD84.28
VOE	11052630	EXHAUST PIPE	1	CAD735.78	CAD735.78
VOE	990970	HEXAGON NUT	11	CAD5.30	CAD58.30
VOE	11064911	STUD	3	CAD62.69	CAD188.07
VOE	4940622	SLEEVE	6	CAD28.26	CAD169.56
VOE	4940623	COMPRESSION SPRING	3	CAD12.00	CAD36.00

Please keep this page for your records.

Parts Subtotal: CAD7,859.36

Tax: CAD392.95

Est Total: CAD8,252.31

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order

Strongco Customer Portal

http://www.strongco.com

dmasterdata@strongco.com

Order Number:

Confirmation Number:

Order Date: 01-04-2023 13:52 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

40267 ADT 0325

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
✓ VOE	11059317	TUBE ✓ STACIL	1	CAD1,101.78	CAD1,101.78
✗ VOE	11121775	MUFFLER ✓ 15015148	1	CAD2,426.46	CAD2,426.46
✓ VOE	17- 11050994	EXHAUST HOSE ✓	1	CAD2,073.63	CAD2,073.63
✓ VOE	16- 4881590	RING ✓	2	CAD104.58	CAD209.16
✓ VOE	5- 4965132	EXHAUST PIPE ✓	1	CAD583.54	CAD583.54
✓ VOE	7- 11052381	GASKET ✓	1	CAD81.45	CAD81.45
✓ VOE	4- 4965124	RING ✓ 24.5B	1	CAD558.66	CAD558.66
✓ VOE	1- 11052630	EXHAUST PIPE ✓	1	CAD711.17	CAD711.17
✓ VOE	990970	HEXAGON NUT ✓	11	CAD5.15	CAD56.65
✓ VOE	8- 11064911	STUD ✓	3	CAD60.60	CAD181.80
✓ VOE	9- 4940622	SLEEVE ✓	6	CAD27.35	CAD164.10
✓ VOE	10- 4940623	COMPRESSION SPRING ✓	3	CAD11.60	CAD34.80

Requested Item 13971072 has been replaced by 990970

Please keep this page for your records.

8183.20



Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900625825

Confirmation Number: Q144061-23012023-114067

Order Date: 01-23-2023 09:03 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11052381	GASKET	2	CAD84.28	CAD168.56

Please keep this page for your records.

Parts Subtotal: CAD168.54

Tax: CAD8.43

Est Total: CAD176.97

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900625873

Confirmation Number: Q144061-23012023-114074

Order Date: 01-23-2023 10:08 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11050442	CLAMP	2	CAD98.45	CAD196.90
VOE	15113226	V-CLAMP	1	CAD61.75	CAD61.75

Please keep this page for your records.

Parts Subtotal: CAD258.64

Tax: CAD12.93

Est Total: CAD271.57

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order**Strongco Customer Portal**<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900625887

Confirmation Number: Q144061-23012023-114077

Order Date: 01-23-2023 10:25 AM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	15015148	MUFFLER	1	CAD2,860.78	CAD2,860.78

Please keep this page for your records.

Parts Subtotal: CAD2,860.78

Tax: CAD143.04

Est Total: CAD3,003.82

** Shipping charges will apply. Additional
 core and/or environmental charges may
 apply to some parts.*

Parts Store Order

Strongco Customer Portal

<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900626884

Confirmation Number: Q144061-25012023-114179

Order Date: 01-25-2023 14:34 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
 3135 - 4TH STREET
 NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	992519	BULB	2	CAD6.24	CAD12.48

Please keep this page for your records.

Parts Subtotal: CAD12.46

Tax: CAD0.62

Est Total: CAD13.08

** Shipping charges will apply. Additional core and/or environmental charges may apply to some parts.*

Parts Store Order**Strongco Customer Portal**<http://www.strongco.com>

dmasterdata@strongco.com

PO Number: 40267-ADT0325

Order Number: 0900626052

Confirmation Number: Q144061-23012023-114101

Order Date: 01-23-2023 15:07 PM PST

Bill To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Ship To:

CHEMCO ELECTRICAL CONTRACTORS
3135 - 4TH STREET
NISKU, AB T9E 8L1

Manufacturer	Part Number	Description	Quantity	Unit Price	Total
VOE	11707545	SEALING KIT	2	CAD71.42	CAD142.84
VOE	963683	ALLEN HEAD SCREW	4	CAD1.85	CAD7.40
VOE	11119900	GASKET	1	CAD25.60	CAD25.60
VOE	11119901	PLATE	1	CAD25.86	CAD25.86
VOE	11114440	GLASS	1	CAD46.60	CAD46.60
VOE	11114439	HOUSING	1	CAD64.15	CAD64.15
VOE	990037	BULB	2	CAD19.56	CAD39.12
VOE	992521	BULB	2	CAD9.90	CAD19.80

Please keep this page for your records.

Parts Subtotal: CAD371.35

Tax: CAD18.57

Est Total: CAD389.92

** Shipping charges will apply. Additional
core and/or environmental charges may
apply to some parts.*

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

AV

INVOICE

39088

Org. Est. # 055854

INVOICE

Ref # : 11186 HOURS

Printed Date: 09/08/2022

Work Completed: 09/08/2022

CHEMCO-OFF ROAD

3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : Odometer In : 0
Unit # : ADT-0325
VIN # : VCE0A35EC **00010325**
Engine Hrs In : 11186.0 Engine Hours Out : 11186.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
HYD OIL FILTER-STK HF6553	2.00	56.25	112.50	(1) REPLACE SEAT - BURNCO	390.00
SEAT-ORDER 59097VRT	1.00	1,786.67	1,786.67	* PICK UP PARTS * REPLACE SEAT * HELP TOW UNIT UP TO LAYDOWN * FOUND FILTER HOUSING THREADS BROKE OFF. ORDER PARTS	
ARM REST-ORDER 57034L	1.00	72.00	72.00		
ARMREST-ORDER 57034R	1.00	72.00	72.00		
STARTER -ORDER VOE11423474	1.00	1,421.71	1,421.71		
Shop Supplies			19.50		

Org. Estimate 476.44 Revisions 0.00 Current Estimate 476.44

Labor:	390.00
Parts:	3,484.38
SubTotal:	3,874.38
Tax:	193.72
Total:	4,068.10
Bal Due:	\$4,068.10

[Payments -]

STK 320

Vehicle Received: 8/29/2022

Customer Number : 3904

GST#865376503RT0001

Signature _____ Date _____

Unit #: AD1-0325 S/N:

Odometer:

Hours: 11186

Hours

Repair Description

Location

Tech Name

Lab#

Date

help tow unit up to lay down
found filter housing threads broke off
order parts

Aug 27 Burnsville

Brennan

3

Mechanic Signature:

Mechanic ID:

Parts

Description

Part #

Description

STK/ORD

Qty.

STK/ORD

Qty.

Part #

Description

Part #

Description

STK/ORD

Unit #: ADT-0325

S/N:

Odometer:

Hours:

Repair Description

Lab#

Date

Location

Tech Name

Hours

- Pick up parts, replace seat

Aug 25

Dunwo

Daly

7

Mechanic ID: _____ Mechanic Signature: _____

Parts

Qty.

Part #

Description

STK/ORD

Qty.

Part #

Description

STK/ORD

WRENCHHEAD MECHANICAL

3135 4 ST
 NISKU, ALBERTA. T9E-8L1
 Phone: 780-436-9570 Fax: 780- - *AE*

INVOICE

34614

Org. Est. # 051362

INVOICE

Ref #: 10553 HOURS

Work Completed : 07/15/2021

Date: 07/16/2021

CHEMCO-OFF ROAD

3135-4 ST
 NISKU, ALBERTA T9E-8L1
 Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D

Lic # : Odometer In : 0

Unit # : ADT-0325

VIN # : VCE0A35EC 00010325

Engine Hrs In : 10553.0 Engine Hours Out : 10553.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
SYNTHETIC 5W40 OIL-STK 5W40SYN	40.00	5.50	220.00	(1) INSPECTION- TRANSMISSION ISSUE	10,172.50
ATF DEX3 TRANS OIL/1L-STK ATF-205	40.00	3.48	139.20	* FIRED UP UNIT, BRING INTO SHOP	
50/50 LONGLIFE ANTIFREEZE-STK PREGD3000	8.00	2.46	19.68	* VACUUM OUT MOUSE NEST	
HYD OIL-STK AW-32	17.00	2.30	39.10	* REMOVE FLOOR LOOK FOR ANY DAMAGE IN HARNESS	
AXLE BREATHER FILTER-STK AF27819	4.00	17.42	69.68	* DISCUSS WITH RYAN.C WHAT STEPS TO TAKE MOVING FORWARD	
O-RING-STK VOE944708	1.00	0.00	n/c	* REMOVE AND INSTALL TRANSMISSION	
O-RING-STK VOE976112	2.00	1.04	2.08	* RESEAL REAR MAIN, PTO HOUSING AND LUBRICATION VALVE TUBE TO ROCKER SHAFT	
FLANGE-ORDER 1P-4582	5.00	25.76	128.80	* REPLACE BRAKE PRESSURE LINE TO FRONT AXLE AND BOTH LS REAR BRAKE COOLING LINES RUBBED THROUGH	
FLANGE-ORDER 1P-4578	5.00	16.11	80.55	* SET VALVES TO SPEC AS PER STRONGCO	
O-RING - ORDER VOE977015	1.00	4.54	4.54	* MADE BOX LOCKING PIN	
O-RING -ORDER VOE993450	1.00	15.74	15.74	* TEST TRANS AND TOP UP FLUIDS	
GASKET -ORDER VOE947620	7.00	0.98	6.86	* MOVE BELLY PANS TO WASH BAY	
SLEEVE -ORDER VOE17460059	1.00	167.82	167.82	* INSTALL BRAKE SENSOR AND TEST UNIT	
FREIGHT CHARGE -ORDER FC	1.00	31.50	31.50	* GRAB BELLY PANS FROM OUTSIDE AND INSTALL ONTO UNIT	
O-RING- ORDER VOE993327	3.00	8.22	24.66	* PARK UNIT OUTSIDE	
O-RING -ORDER VOE993326	1.00	5.93	5.93		
SCREW -ORDER VOE11030241	14.00	15.46	216.44		
O-RING -ORDER VOE982193	4.00	10.65	42.60		
O-RING -ORDER VOE977025	6.00	13.32	79.92		
FLANGE SCREW -ORDER VOE60113479	4.00	5.12	20.48		
FREIGHT CHARGE -ORDER	1.00	10.50	10.50		

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

INVOICE

34614

Org. Est. # 051362

INVOICE

Ref #: 10553 HOURS

Work Completed : 07/15/2021

Date: 07/16/2021

CHEMCO-OFF ROAD
3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : Odometer In : 0
Unit # : ADT-0325
VIN # : VCE0A35EC 00010325
Engine Hrs In : 10553.0 Engine Hours Out : 10553.0

Part Description / Number	Qty	Sale	Ext	Labor Description	Ext
<i>FC</i>					
SEALING RING -ORDER VOE1677370	2.00	8.74	17.48		
SEALING RING -ORDER VOE20526428	1.00	6.70	6.70		
HYD HOSE ASSEMBLY -ORDER GH663-12	1.00	127.38	127.38		
HYD HOSE ASSEMBLY -ORDER HG663-16	1.00	163.21	163.21		
PRESSURE SENSOR -ORDER VOE17216331	1.00	319.14	319.14		
PT2509 TRANSMISSION-ORDER 22401	1.00	29,510.00	29,510.00		
Shop Supplies			100.00		

Org. Estimate 13,298.96 Revisions 0.00 Current Estimate 13,298.96

Labor:	10,172.50
Parts:	31,569.99
SubTotal:	41,742.49
Tax:	2,087.12
Total:	43,829.61
Bal Due:	\$43,829.61

STK-590

[Payments -]

Vehicle Received: 7/15/2021

Customer Number : 3904

GST#865376503RT0001
Signature _____ Date _____

WRENCHHEAD MECHANICAL

3135 4 ST
NISKU, ALBERTA. T9E-8L1
Phone: 780-436-9570 Fax: 780- -

REPAIR ORDER #

034614

Org. Est. # 051362

REPAIR ORDER - RO

Scheduled : 02/16/2021 12:14 PM

Print Date : 2/16/2021

CHEMCO-OFF ROAD

3135-4 ST
NISKU, ALBERTA T9E-8L1
Office 780-436-9570
Cust ID : 3904
Last Service : 10/27/2020

2008 Volvo - A35E ROCK TRUCK UNIT#E074 - D12D
Lic # : - AB
Unit # : ADT-0325
VIN # : VCE0A35EC 00010325
MFG Date : 8/5/2014
Current Odom : 0

Previous Odom : 86770

Elapsed : 0

Labor Requested / Part SubTotal	Extended
(1) INSPECTION	65.00
2 TRANSMISSION ISSUES	Parts Subtotal 0.00
Shop Supplies	3.25

Parts: 0.00 Supplies: 3.25 Tax: 3.41 Total: 71.66
 Labor: 65.00 Balance: 71.66

TEARDOWN ESTIMATE: I understand that my vehicle will be reassembled within ___ days of the date shown above if I choose not to authorize the service recommended. All Parts removed will be discarded unless instructed otherwise: Save all Parts ___. NOT RESPONSIBLE FOR LOSS OR DAMAGE TO MY VEHICLE OR ARTICLES LEFT IN VEHICLES IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE. ALL VEHICLES LEFT MUST HAVE OWN INSURANCE. ANY VEHICLES LEFT OVER 30 DAYS WITHOUT CONSENT WILL BE PROPERTY OF WRENCHHEAD MECHANICAL.

Authorized By _____ Date _____ Time _____

Technician Work Sheet Service Writer : GLAZIER, RUSSELL

Print Date: 2/16/2021

2008 Volvo - A35E ROCK TRUCK UNIT#E074

Hat # :

Repair Order #

VIN # : VCE0A35EC 00010325

Color :

034614

Engine : D12D

Location :

Lic # :

Lic. State : AB

CHEMCO-OFF ROAD

Schedule : 2/16/21 12:15 P.M.

Office 780-436-9570

Promised Date : 2/16/21 5:00 P.M.

Inspection Date : 8/05/14

Status :

Last Service : 10/27/20

Unit # : ADT-0325

Current Odometer : 0

Trans :

Previous Mileage : 86,770

Brakes :

Elapsed Mileage : 0

Manufacture Date : 8/05/14

Labor Description	Charged Hours
<input checked="" type="checkbox"/> (1) INSPECTION	1.00
Technician: <none>	
<i>2 TRANSMISSION ISSUE</i>	
OUT ODOMETER :	Total Hours Charged :
Hours out: 0.00	1.00

Tech Notes

All Intake cam Rollers scoring

Unit #: ADT-0325 S/N:

Odometer:

Hours: 10550

Lab#	Repair Description	Date	Location	Tech Name	Hours
	+ fire up unit bring into shop, try to figure out what other mechanic's worked on 10 work orders in file. obtain work order from Strongco, vacume out mouse nest. Remove floor look for any damage in harness, discuss with RC what steps to take moving forward.	Feb 18	Shop	T Brady	3
	Remove transmission	June 14	Shop	BR	10
	Install transmission	June 15	Shop	BR	10
		June 16	Shop	BR	10
	\ Reseal rear main	June 17	Shop	BR	10
	\ Reseal PTO housing	June 18	Shop	BR	10
	\ Replace Brake pressure line to front axle	June 21	Shop	BR	10
	\ Replace both LS Rear brake cooling lines	June 22	Shop	BR	10
	\ Rubbed through	June 27	Shop	BR	10
	\ Set valves to spec as per strongco	June 24	Shop	BR	10
	\ Resealed Ubercation valve tube to rocker shaft.	June 25	Shop	BR	6
		June 28	Shop	BR	6
	\ Made Box locking pin	June 29	Shop	BR	5
	\ test transmission	June 30	Shop	BR	5
	\ top up fluids	July 5	Shop	BR	10
	Recheck	July 6	Shop	BR	10
		July 7	Shop	BR	10

Parts

Mechanic ID:

Mechanic Signature: _____

Qty.	Part #	Description	STK/ORD	Qty.	Part #	Description	STK/ORD
2	VOE976112	O-ring	STK				
1	VOE944708	O-ring	STK				
4	AF27819	Breather	STK				
40L		Sw-40	STK				
40L		ATF	STK				
1		Extinguisher	STK				
8L		Coolant	STK				
17L		AW32	STK				



100% Disassembly of the Transmission

ALL Frictions and Steels are replaced throughout the entire transmission

P1 Planetary Bearings updated

ALL 3 Thrust Washers are replaced in the range section

ALL 7 of the Wear Bushings are replaced

Planetary Thrust Washers updated

Centranz, heavy duty, replacement K3 backing plate installed

Rebuilt Torque Converter is standard on all rebuilds

New Complete Seal and Gasket Kit installed

We are one of the only In-House Torque Converter Rebuilders in the country

ALL Ball Bearings are replaced

Reinforced weld in common pilot hub converter leak area

ALL Clutch Packs have Quick Connect Volvo style fittings installed into the pressure ports to test that all clutch packs are within factory specifications during the Dynamometer (Dyno) Test

New Higher Volume Charging Pump is installed in every rebuild

Freshly painted, crated and ready for shipment

ALL Speed Sensors are replaced with new OEM

New External Filters installed

Internal Main Pressure PWM Solenoid and Fluid Level Sensors are replaced with genuine OEM

Common Failure Hard Parts are improved and manufactured In-house using the latest in CNC equipment

Including: Main Shafts, Ring Gears, K1, K2 & K3 Backing Plates, Clutch Drums, K1 & K2 Clutch Bodies – Plus Many More

ALL Transmissions are Dyno Tested and undergo a 5 Step Evaluation:

- Check Pressures
- Check to ensure No Leaks
- Check to ensure for No Excessive Noise
- Function of Solenoid Valves are evaluated
- Function of ALL Sensors are tested using the TEMCO Test Box

**Volvo PT Series
A35/40 E, F & G**

2 Year / Unlimited Hour Warranty

√ P = Pass F = Fail R = Repaired N/A = Not Applicable

UNIT #:		ODOMETER:				ENGINE HOURS:		DATE:			
ADT-0325						10550		June 16			
		P	F	R	N/A			P	F	R	N/A
1	LOCKOUT IN PLACE	✓				21	Transmission Oil level / Internals Fluid levels	✓	✓	✓	
2	WHEEL CHOCKS IN PLACE	✓				22	Engine Coolant Fluid Level	✓	✓	✓	
3	Oil Samples	✓				22	Engine Oil Fluid Level	✓			
4	Overall Machine Loose Or Missing Nuts & Bolts, Loose Guards, Cleanliness	✓				23	Radiator Debris, Damage, Leaks	✓			
5	Lights Broken lamps, lenses, operation	✓				24	Overall Engine Compartment Trash Or Dirt Buildup, Leaks	✓			
6	Steering hydraulic system Leaks, worn hoses, damaged lines	✓				25	All Hoses Cracks, Wear Spots, Leaks	✓	✓	✓	
7	Underneath Machine Leaks, Damage, People Working	✓	✓	✓		26	All Belts Tightness, Wear, Cracks	✓			
8	Tires, rims, hub, stem caps Inflation, Leaks, Damage, Wear	✓				27	Overall Cab Interior Cleanliness	✓			
9	Brakes, Suspension Leaks, Damage, Wear	✓	✓	✓		28	Roll Over Protection System Damage	✓			
10	Grab Irons, Steps, Handholds Condition And Cleanliness	✓				29	Gauges, lights, switches Damage, operation	✓			
11	Battery Compartment Connections, Fluid level	✓				30	Seat Belt, Buckle & Mounting Damage, Wear, Adjustment	✓			
12	Air Filter Restriction Indicator	✓				31	Seat Adjustment, Brake Travel	✓			
13	Windshield Wipers & Washers Wear, Damage, Fluid Level	✓				32	Horn, backup alarm, lights Proper Function	✓			
14	Fire Extinguisher Charge, Damage	✓	✓	✓		33	Windows and Mirrors Condition, clean, adjust	✓			
15	Fuel tank, hydraulic tank Level, Leaks	✓				34	Drop Box Fluids / Internals	✓			
16	Body Damage, wear, distortion	✓				35	Preheat / Block Heater	✓			
17	Welds, castings; mounting bolts and pads Cracks; damaged bolts or pads	✓				36	SPILL KIT PROVIDED	✓			
18	All Axles Leaks, Damage, Wear	✓				37	Daily Inspection Booklet	✓			
19	Frame & Hoist Cylinders Cracks, Leaks, Damage, Wear	✓				38	FIRE EXT. CONDITION, DATE, TAG, LOCK, MOUNT	✓	✓	✓	
20	Suspension Cylinders Leaks, Measure cylinder height	✓				39	INSPECTION TAG DATE	July / 22			
						40	FIRE EXTINGUISHER #:	30118			

V P = Pass F = Fail R = Repaired N/A = Not Applicable

	P	F	R	N/A		P	F	R	N/A
41 Grease Gun & Gease				✓	43 Air Conditioning Operation	✓			
42 Heating Operation	✓				44 GPS	✓			

TIRE PRESSURE (If not recorded on prescribed Alberta Inspection Record) <input checked="" type="checkbox"/> psi <input type="checkbox"/> kPa			
LF: 60	RF: 60	LR: 50	RR: 50

CHARGING SYSTEM TEST			
VOLTS: 24.9	AMPS: 72	RPM: 1200	

FUEL LEVEL:	TEST / DRIVE																
	TEST <input checked="" type="checkbox"/> or TEST DRIVE <input type="checkbox"/>																
	Comments:																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">CLEANING</th> </tr> <tr> <th></th> <th>Date</th> <th>Time</th> <th>Signature</th> </tr> <tr> <td>Washed (Fine Cleaned)</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> <tr> <td>Disinfectant Mist (Clubroot)</td> <td><input type="checkbox"/></td> <td></td> <td></td> </tr> </table>	CLEANING					Date	Time	Signature	Washed (Fine Cleaned)	<input type="checkbox"/>			Disinfectant Mist (Clubroot)	<input type="checkbox"/>			
CLEANING																	
	Date	Time	Signature														
Washed (Fine Cleaned)	<input type="checkbox"/>																
Disinfectant Mist (Clubroot)	<input type="checkbox"/>																
	<table style="width:100%;"> <tr> <td style="width:50%; text-align: center;"> <i>Brennan R</i> Technician (Print Name) </td> <td style="width:50%; text-align: center;"> Technician Signature </td> </tr> </table>	<i>Brennan R</i> Technician (Print Name)	 Technician Signature														
<i>Brennan R</i> Technician (Print Name)	 Technician Signature																

MAINTENANCE REQUIRED/REMARKS:

INSPECTION REPORT SIGN-OFF		
<i>Brennan Roy</i> Technician (Print Name)	 Technicians Signature	 Supervisors Signature



Centranz, Inc.
 P.O. Box 497
 27208 E. US Highway 24
 Buckner, MO 64016

Invoice

Date	Invoice #
6/4/2021	20210609

Bill To
Chemco Electrical Contractors, Ltd 3135 4th Street Nisku, AB T9E 8L1

Ship To
Chemco Electrical Contractors, Ltd 3135 4th Street Nisku, AB T9E 8L1

Part Number	Description	Quantity	Price	Backordered	Amount
			44772		
				Prepay via Wire	FOB Origin
22401	Volvo PT2509 Transmission Reman Exchange A35E	1	19,600.00	0	19,600.00T
Core	Core Deposit (not equivalent to an outright sale)	1	9,000.00	0	9,000.00
11033628	Heat Exchanger	1	1,650.00	0	1,650.00T
	Inbound core, Prepay and add	1	725.00	0	725.00
	Outbound, LTL, Prepay and add	1	725.00	0	725.00
	S/N: 2008042011				
	CT#: 6303				
	WO#: 44772				

Phone #	Fax #	Web Site
816-650-3161	816-650-5900	www.centranz.com

Subtotal	\$31,700.00
Sales Tax (0.0%)	\$0.00
Payments/Credits	\$0.00
Balance Due	\$31,700.00

Receipt of invoice does not indicate shipment. Refer to arrangements with your sales representative for delivery timetable.



Volvo Installation Check List

Oil Level and Clutch Calibration

Note: It is VERY DIFFICULT to establish the oil level initially. Before start up - fill the transmission with the required number of gallons of oil specific to your transmission model (see enclosed list).

- 1. Check to make sure that the oil you are using meets the specifications required by the transmission manufacturer (see enclosed list).
- 2. Check the oil level with the transmission in Neutral and at engine idling speed (about 700-800 RPM). The lower mark on the dipstick corresponds to "Cold temperature" (under 40°C / 104°F).
- 3. Operate the machine to establish operating temperature (80° C / 176°F), then check the oil level and add any additional oil as needed. The upper mark on the dipstick corresponds to operating temperature in Neutral with engine idling.
- 4. When the engine is not running, the oil will climb far above the upper mark on the dipstick. This does not mean that the transmission is over its oil capacity. Start the engine and follow the guidelines laid out in items 1-3 above.
- 5. The oil filters must be changed at every oil change interval. An oil sample should also be taken and evaluated at each oil change.
- 6. It is required that D, E, F, G, H Model PT transmissions be calibrated by an authorized Volvo dealer. However, the customer may choose to calibrate themselves but is required to provide pictures or a report. **(Check below).**
 - Customer has engaged a Volvo dealer and will include a report or invoice from the transaction with the Warranty Registration.**
 - Customer has calibrated transmission themselves and will include pictures or a report with the Warranty Registration.**
- 7. After the Initial installation operate the vehicle for (40) hours under normal circumstances and take an oil sample. These results must be returned to Centranz Inc. in order to comply with warranty stipulations. Please send results to warranty@centranz.com.



Transmission Heat Exchanger (Cooler)

- Replace transmission heat exchanger(s). (Check below if applicable.)
 - If Customer has purchased transmission heat exchanger(s) from a third party, a copy of the receipt of purchase will need to be included with the Warranty Registration.

Mechanical Connections

- 1. Before removing torque converter retaining straps, check to ensure the torque converter is no greater than 3.07in / 78mm from the transmission converter housing mounting surface.
- 2. Once the transmission has been properly bolted onto the engine flywheel housing and prior to installation of flex plate bolts, ensure proper converter to flex plate alignment and crank shaft by rotating crank shaft (converter and flex plate assembly should rotate independently). If this does not happen, contact Centranz immediately - **Do Not Proceed With Installation** (800-457-5400).
- 3. Replace all worn U-Joints on all drivelines and make sure they are in phase. Also make sure slip joint splines are not worn.
- 4. Check tightening torque on all mounting locations of the transmission.
- 5. Make sure that all hoses, wiring, and tubes are free from moving parts and clear of "rubbing" interference.

Electrical Connections

- 1. Centranz recommends that each remanufactured transmission be equipped with a new chassis harness supplied by the original equipment manufacturer.
- 2. If anything other than a "NEW" wiring harness is used, each termination point must be checked for continuity, or short to ground, back to the ECU main plug.
- 3. All termination points must be free of defects – Sheathing should be flexible and without cracks, plugs should not be deformed, there should not be any exposed conductors.
- 4. The ECU must be un-plugged whenever ANY vehicle electrical repairs are being made.



- 5. The ECU must be un-plugged whenever ANY welding operations are being made to the vehicle.
- 6. Keep from damaging sensors during installation.

Hydraulic Connections

- 1. Make sure all hydraulic connecting points are free of dirt and contamination.
- 2. Flush all hydraulic lines to and from the transmission with a mineral based solvent.
- 3. All hoses must be inspected to ensure the inner liner of the hose is intact and not hardened or flaking.
- 4. Remove all shipping plugs from connection points on the transmission.
- 5. Make sure each hydraulic hose is installed to the proper hydraulic port.
- 6. The transmission heat exchanger(s) must be professionally cleaned and pressure tested or the heat exchanger(s) must be replaced with a new one. The customer must be able to provide proof of this service or the transmission warranty will be void. If Platinum or Premier Warranty is issued – replacement is required.

IF ALL INSTRUCTIONS HAVE NOT BEEN FOLLOWED, FAILURE **WILL** OCCUR

I have read the instructions listed above. I understand that they must be followed to comply with the warranty offered by Centranz, Inc.

Signed  Date July 14/21

Installing Technician

Brennan Roy

Return this signed form along with the Warranty Statement to warranty@centranz.com or PO Box 497, Buckner, MO 64016 or fax 816-650-5900. Feel free to call us at 800-457-5400 with any questions.

OIL SPEC SHEET

Allison

Model	Gallons	Oil Grade
TT 2/3000	8.5	SAE
CLT 3461-1	8	0W-30
CLT 5/6000 (straight through)	18.5	0W-40 30
DP/M 8000	21	5W-40 10W-40
CLT 5000 (Drop Box)	13	15-W40 40

Anything that meets an Allison C4 spec is acceptable

ZF

Model	Gallons	Oil Grade
5HP500	7	SAE
3WG-120, 4WG-120, 5WG-120		20W-20
3WG-130, 4WG-130, 5WG-130		20W-30
3WG-150, 4WG-150, 5WG-150		10W-30
3WG-160, 4WG-160, 5WG-160		10W-40
3WG-180, 4WG-180, 5WG-180	8	15W-30
3WG-190, 4WG-190, 5WG-190		15W-40
3WG-200, 4WG-200, 5WG-200		20W-40
3WG-210, 4WG-210, 5WG-210		or Automatic Transmission Fluid (ATF)
6WG-120, 6WG-130, 6WG-150, 6WG-160	10	- Dextron II
6WG-180, 6WG-190, 6WG-200, 6WG-210		- Dextron III
4WG-250, 4WG-260, 4WG-310	12	- Mercon M
6WG-250, 6WG-260, 6WG-310		

Volvo

Model	Gallons	Oil Grade
All Articulated Truck Models (excluding A25/A25C - see above 5HP500)	11	Automatic Transmission Fluid (ATF) - Dextron II - Dextron III
All Loader Models	see owner's manual	Automatic Transmission Fluid (ATF) - Dextron II - Dextron III
All Articulated Truck Drop Boxes	see owner's manual	SAE 75W-80 (Part #15188174) change at 4,000 Hrs or SAE 80W-90 (Part #60201344) change at 1,000 Hrs



CENTRANZ
OFF HIGHWAY

	Labour Requisition		MTE-0131
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UNIT #:	ADT-032S	ODOMETER:		ENGINE HOURS:	10550	DATE:	June 16
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ITEM	REPAIR DESCRIPTION	QUOTED HOURS	ACTUAL HOURS
	1 Inspection		
✓	2 Replace transmission		
✓	3 top up coolant		
✓	4 leaking brake line on rear LS		
✓	5 Replace all breathers		
✓	6 Pto housing leaking		
✓	7 Replace extinguisher		
X	8 Box Exhaust broken		
✓	9 Missing box up lock pin		
✓	10 Set valves		
✓	11 Brake line to front Axle rubbed through		
✓	12 tighten exhaust stack		

Technician (Print Name)	Technicians Signature
-------------------------	-----------------------

chemco

Parts Requisition

MTE-0130

UNIT #:	ADT-0325	UNIT TYPE/DESCRIPTION:	
WO# 34614	ODOMETER:	ENGINE HOURS:	DATE: July 6

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	1	98820003	IEGR Valve Set Tool for D12 Engine		
✓	2	1677370	oil distribution tube (O-ring)		
✓	1	20526428	20556016 is the Valve O-ring		

98820016

Brennan R

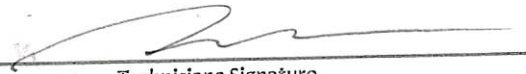
Technician (Print Name)

Technicians Signature

UNIT #:	ADT-0325	UNIT TYPE/DESCRIPTION:	A35E SER# 010325		
WO#	34614	ODOMETER:	ENGINE HOURS:	DATE:	June 17

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	14	11030241	Cap screw		
✓	1	1543896	Seal rear hub		
✓	1	993450	O-ring rear hub		
✓	1	977015	O-ring Next to tire wheel		
✓	7	947620	Gasket		
Po# 34614 - ADT0325					

Brennan Roy
 Technician (Print Name)


 Technicians Signature

chemco

Parts Requisition

MTE-0130

UNIT #:

A0T0325

UNIT TYPE/DESCRIPTION:

ASSE SER# 010325

WO# 34614

ODOMETER:

ENGINE HOURS:

DATE:

ITEM	QTY	PART#	DESCRIPTION	IN STOCK	ORDER
	8	924081	Studs		
	1	4770525	Pin		
	1	191171	Pin		
✓	4	11445263	Cooler O-ring		
✓	NO 2	976112	Cooler O-ring		
✓	4	982193	Cooler O-ring		
✓	3	993327	Pump O-ring		
✓	1	993326	Pump O-ring		
✓	NO 1	944708	Pump O-ring		
✓	6	977025	Pump O-ring		
✓	4	973200	Flange screw		
	1	11197357	Pin		
			PO# 34614 - A0T0325		

Technician (Print Name)

Technicians Signature

Confirmation of Sale

File
ADT-0325

Centranz, Inc.



PO Box 497
27208 E US Highway 24
Buckner, MO 64016
816-650-3161
FAX 816-650-5900

Date	Contact	WO #	SN #	CT #
6/4/2021	Ryan Chappell - 780.722.4096 rchappell@chemco.com	44772	2008042011	6303

Bill To:	Ship To:
Chemco Electrical Contractors, Ltd. 3135 4th Street Nisku, AB T9E 8L1	Chemco Electrical Contractors, Ltd. 3135 4th Street Nisku, AB T9E 8L1

P.O. Number	Terms	Rep	Via	F.O.B.
	Wire Transfer	David Crowther	LTL Carrier	Origin

Part Number	Description	Qty	Price Each	Amount
22401	Volvo PT2509 Transmission Reman Exchange*	1	\$19,600.00	\$19,600.00
CORE	Core Deposit (not equivalent to an outright sale)	1	\$9,000.00	\$9,000.00
11033628	Heat Exchanger	1	\$1,650.00	\$1,650.00
FREIGHT	Freight - Round Trip	1	\$1,450.00	\$1,450.00
*for A35E / 10325		Subtotal		\$31,700.00
		Sales Tax (6.75%)		\$0.00

Total

\$31,700.00

Customer's Agreement and Acknowledgements:

Customer has read the [GENERAL TERMS AND CONDITIONS FOR THE SALE OF GOODS AND SERVICES](http://www.centranz.com) in its entirety, available at www.centranz.com, the terms of which are incorporated herein by reference, and Customer understands and agrees to all such terms and conditions including without limitation, the core return policy set forth therein and the terms granting Centranz a security interest in goods covered by this Confirmation of Sale. OEM part numbers are for reference purposes only. These parts are not OEM parts or advertised as such. Subject to the terms of sale, freight is the customer's responsibility and the amount quoted above may include outbound freight to your location, F.O.B Buckner, Missouri, and inbound freight for your core return.

~ Applicable Warranty ~

Customer acknowledges that the single Warranty applicable to this Sale is indicated below by checked box:

Transmission Drop Box Differential Torque Converter NONE

Customer acknowledges that the selected Warranty shall have the Warranty Period indicated by checked box (refer to [Section 2.6](#) of the respective Warranty).

Platinum Premier Standard Six-Month 90 Day 60 Day 30 Day NONE

Customer acknowledges it has read the selected and applicable [WARRANTY](#), in its entirety, available at www.centranz.com, the terms of which are incorporated herein by reference, and Customer understands and agrees to all such terms and conditions.

~ For Payment ~

Customer has read the [PAYMENT POLICY](#) in its entirety, available at www.centranz.com, and Customer hereby expressly waives Credit/Debit Card Chargeback as a remedy for receiving defective part and/or transmissions. Customer further understands and agrees that Centranz's invoice, bill(s) of lading, this Confirmation of Sale, and Centranz's delivery of goods or performance of services shall constitute compelling evidence of a genuine sales transaction between Customer and Centranz.

SIGNOR REPRESENTS AND WARRANTS THAT, ON THE EFFECTIVE DATE, SIGNOR IS AUTHORIZED TO CONSENT TO THE TERMS OF THIS CONFIRMATION OF SALE IN ITS ENTIRETY ON BEHALF OF CUSTOMER AND DULY BINDS CUSTOMER'S PRINCIPALS BY SIGNOR'S SIGNATURE BELOW.

CHEMCO ELECTRICAL CONTRACTORS, LTD.

By: ryan Date: june 4/21

Title: supervisor



Centranz, Inc.
P.O. Box 497
27208 E. US Highway 24
Buckner, MO 64016

Invoice

Date	Invoice #
6/4/2021	20210609

Bill To
Chemco Electrical Contractors, Ltd 3135 4th Street Nisku, AB T9E 8L1

Ship To
Chemco Electrical Contractors, Ltd 3135 4th Street Nisku, AB T9E 8L1

W.O. Number	P.O. Number	Terms	FOB
44772		Prepay via Wire	FOB Origin

Part Number	Description	Quantity	Price	Backordered	Amount
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	Inbound core, Prepay and add	1	725.00	0	725.00
	Outbound, LTL, Prepay and add	1	725.00	0	725.00
	S/N: 2008042011				
	CT#: 6303				
	WO#: 44772				

Phone #	Fax #	Web Site
816-650-3161	816-650-5900	www.centranz.com

Subtotal	\$31,700.00
Sales Tax (0.0%)	\$0.00
Payments/Credits	\$0.00
Balance Due	\$31,700.00

Receipt of invoice does not indicate shipment. Refer to arrangements with your sales representative for delivery timetable.

Electronic Record of Contracts

This document was generated as a record of certain contracts created, accepted and stored electronically.



Summary of Contracts

This document contains the following contracts.

Title	Revision	ID
Chemco Electrical Contractors - COS 44772 - PT2509 Reman Exchange - 6.4.2021	1	60ba578ac064172c2135e957

Contract signed by:

Ryan Chappell	Signer ID:	rchappell@chemco.com
	Email:	rchappell@chemco.com
Date / Time:	Jun 4, 2021 at 2:23 PM EDT	
IP Address:	204.191.63.50	
User Agent:	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/70.0.3538.102 Safari/537.36 Edge/18.19041	

Completed by all parties on:
Jun 4, 2021 at 2:23 PM EDT