

**CUMBERLAND TRUCK SERVICE**  
LUBE • REPAIRS • TIRES

**HARRISBURG**  
7833 LINGLESTOWN RD  
HARRISBURG, PA 17112  
(717) 540-3850 | 855-265-4160

**HAGERSTOWN**  
14563 INDUSTRY DR  
HAGERSTOWN, MD 21742  
(240) 513-2050 | 800-864-8164

**OTHER REPAIR SHOPS**

**CARLISLE**  
25 ROADWAY DR  
CARLISLE, PA 17015  
800-828-6878

**EPHRATA**  
889 EAST MAIN ST  
EPHRATA, PA 17522  
800-732-0019

[www.CumberlandTruck.com](http://www.CumberlandTruck.com)

REPRINT

CUSTOMER INVOICE

Repair Order #: **8R4569** \*8R4569\*

Repair Shop: **HAGERSTOWN**

Service Writer: **RXH\*RXH**

Open Date: **01-31-19**

Open Time: **02:56PM**

Closed Date: **03-22-19**

Assist Case #:

MVP Authorization:

Customer Information		Vehicle Information				
<b>Sold To:</b> CASH-TAXABLE MAYURAC INC  7816 xxxxx GLENDALE GREENS, NY 11385 929 257xxxx	<b>Year:</b>	<b>Make / Model:</b>	<b>Inservice Date:</b>	<b>Inservice Mileage:</b>	<b>VIN:</b>	
	2012	VOLVO /			4V4NC9EH9	
	<b>Unit #:</b>	<b>Mileage:</b>	<b>Engine Model / Serial #:</b>	<b>Engine Hours:</b>	<b>License:</b>	
	149	592205	D13 / 971456			
	<b>Trans:</b>	VOLVO AUTO / ATO2612D				
	<b>Rear Axle:</b>	SHNO3767846 DST40141 SHNO3767847			<b>Ratio:</b>	3.25
<b>Customer #:</b>	1520	<b>PO #:</b>		<b>Memo:</b>		

1 R&R FLEX PIPE AT SCR & DPF removed and replaced flex pipe. cleaned off all old gasket material and installed new gaskets  
 TOTAL LABOR 210.00  
 TOTAL PARTS 786.82

Qty	Part Number	Desc	Unit	Extended
2	21095726	GASKET	13.20	26.40
		B/O RELEASE 1-8Y5456S	CONFIRM # 1636	
1	21533396	PIPE	648.10	648.10
		B/O RELEASE 1-8Y5998S	CONFIRM # 2657	
1	20557917	RELAY	112.32	112.32

2 R&R THERMOSTAT removed upper rad hose. removed housing. removed and replaced thermostat with new and new gasket after cleaning mating surface. cleaned all old gasket off housing and reinstalled. reinstalled upper rad hose.  
 TOTAL LABOR 105.00

3 PARTS IF NEEDED  
 TOTAL PARTS 78.48

Qty	Part Number	Desc	Unit	Extended
1	TDA-R109994P	NEW ADSP	17.30	17.30
1	VPO-120549	OIL/GAL	61.18	61.18

4 \*\* OIL & FILTER SPECIAL SERVICE SPECIAL \*\*

Customer Information		Vehicle Information				
Sold To:	CASH-TAXABLE MAYURAC INC 7816 74 GLENDALE GREENS, NY 11385 929 25	Year:	Make / Model:	Inservice Date:	Inservice Mileage:	VIN:
		2012	VOLVO /			4V4NC9EH9
		Unit #:	Mileage:	Engine Model / Serial #:	Engine Hours:	License:
		149	592205	D13 / 971456		
		<b>8R4569</b> *8R4569*				
*** ENGINE OIL AND OIL FILTER SPECIAL ***						

DRAIN AND REPLACE ENGINE OIL, REPLACE FUEL AND OIL FILTERS.  
 UPDATE SERVICE STICKER. SERVICE SPECIAL INCLUDES PRIMARY OIL FILTER(S)  
 FUEL FILTER(S) AND CHOICE OF BULK OIL UP TO 42 QUARTS. ADDITIONAL  
 FLUIDS AND FILTERS ARE AN ADDITIONAL CHARGE. SALES TAX, SUPPLY AND  
 ENVIRONMENTAL FEES ARE NOT INCLUDED

\_\_\_\_ ROTELLA      \_\_\_\_ DELVAC      \_\_\_\_ DELO  
 START QUARTS: \_\_\_\_\_ END QUARTS: \_\_\_\_\_ TOTAL: \_\_\_\_\_

CHANGED FILTERS AND OIL

SERVICE SPECIAL 244.99

Trans: VOLVO AUTO / ATO2612D  
 Rear Axle: SHNO3767846 DST40141 SHNO3767847

Ratio: 3.25

Customer #: 1520      PO #:      Memo:

Qty	Part Number	Desc
2	BWN-B76	Full-Flow
1	BWN-B7685	By-Pass L
35	SEQ-500010048	15W40.QT
4	SEQ-500010048	15W40.QT

5 CHECK-22 IS A COMPLIMENTARY VISUAL VEHICLE INSPECTION PROVIDED AS A SERVICE TO OUR CUSTOMERS. IT DOES NOT CONSTITUTE A WARRANTY OF ANY KIND. THE TECHNICIAN'S INSPECTION IS LIMITED ONLY TO THE DESCRIPTIONS AND COMPONENTS IDENTIFIED ON OUR CHECK SHEET. OUR INTENTION IS TO ASSIST THE VEHICLE OPERATOR TO IDENTIFY OBVIOUS MECHANICAL CONDITIONS PRIOR TO A FAILURE DURING OPERATION. THIS BASIC VISUAL INSPECTION IS NOT A SUBSTITUTE FOR A COMPREHENSIVE FULL MECHANICAL EVALUATION OR PREVENTIVE MAINTENANCE PROGRAM.

PERFORMED CHECK 22  
 TRANSMISSION WILL NEED SERVICED SOON  
 TOTAL LABOR 39.75  
 TOTAL SERVICE DISCNT -39.75

Qty	Part Number	Desc	Unit	Extended
-1	CHECK-22	SAF CHECK	39.75	-39.75

6 REMOVE TRANSMISSION. CHECK AND ADVISE WRONG THROWOUT BEARING, IMPROPER PRESSURE ON CRANK  
 removed battery cables & disconnected air line. disconnected all wiring. removed drive shaft. removed bell housing bolts. once transmission was removed, found clutch cylinder leaking. removed clutch cylinder and module. installed new clutch cylinder and module with new air line. reinstalled transmission. had to get new air line and fitting. reconnected wiring. reinstalled driveshaft. found oil

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	2012	VOLVO /			4V4NC9EH9	
	Unit #:	Mileage:	Engine Model / Serial #:	Engine Hours:	License:	
	149	592205	D13 / 971456			
<b>8R4569 *8R4569*</b>						

lines leaking due to orings. removed and replaced orings. Transmission will need serviced soon.

TOTAL LABOR 1,260.00  
TOTAL PARTS 1,522.96

B/O RELEASE 1-8Y5798S CONFIRM # 2292

Qty	Part Number	Desc	Unit	Extended
1	22809232	CLTCH CYL	1,065.40	1,065.40
1	20992763	AIR HOSE	52.75	52.75
1	22327069	SOL VALVE	352.01	352.01
B/O RELEASE 8Y5898S CONFIRM # 2476				
1	CAT-SOS1MT	TEST KIT	19.93	19.93
1	967343	O-RING	20.57	20.57
1	COR-962-8	DOT-PTC-1	9.50	9.50
2	SNV-451032	1/2 NYLON	1.40	2.80

Trans: VOLVO AUTO / ATO2612D  
Rear Axle: SHNO3767846 DST40141 SHNO3767847

Ratio: 3.25

Customer #: 1520 PO #: Memo:

7 INFRAME REBUILD OF THE ENGINE

drained coolant. removed air cleaner and cac hoses. removed intake manifold & grid heater. disconnected all wiring on drivers side to head. removed intake manifold. removed fuel line and coolant line on drivers side head. removed air compressor intake and egr cross over. removed venturi pipe and bracket. removed from engine lift bracket and thermostat. removed top rad hose. removed coolant housing on pass side of head. remove valve cover and dog box. removed upper rear cover and turbo after disconnecting all wiring and coolant lines. removed egr valve from manifold. removed rocker arm shaft and injectors. removed cam damper and gear after marking postion. removed cam shaft. removed timing gear plate bolts from back of head. removed bolts for idler gear. drained oil and removed filters. removed oil pick up & cross overtube. removed dipstick and fill tube. removed engine strengthing plate and oil pump. removed old head from truck and removed exhaust manifold. disconnected piston connecting rod from crankshaft and removed all pistons. removed cylinder liners and cleaned bores and removed old orings. removed and replaced all crankshaft main cap bearing and thrust washer. cleaned fire deck and installed new cylinder liners with new orings. removed and replaced 1-5 piston heads and wrist pins with new. checked cylinder liner protrusion. installed pistons in engine. ensured all main caps were properly torqued before installing liners. torqued all connecting rod bolts to proper spec. reinstalled oil pump and stiffening plate. installed oil pick up and crossover tube. torqued all bolts for stiffening plate to spec. reinstalled oil pan and oil dipstick and fill tube. filled engine with 40 qts of oil. ensured fire deck was clean and free of oil. installed new head gasket and installed exhaust mainfold on head.

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	2012	VOLVO /			4V4NC9EH9	
	Unit #:	Mileage:	Engine Model / Serial #:	Engine Hours:	License:	
	149	592205	D13 / 971456			
<b>8R4569 *8R4569*</b>						

installed head on engine and torqued head bolts to proper spec.  
 installed all cam bearing bridges and installed new camshaft bearings.  
 installed cam shaft and injectors in head. installed rocker arm shaft  
 and torqued all to spec. ensured engine was at top dead center and  
 reinstalled cam gear and damper. reinstalled timing gear plate bolts  
 and idler gear bolts and torqued all to spec. cleaned and reinstalled  
 intake manifold with new seal and torqued bolts. reconnected all  
 wiring to head. reinstalled turbo and egr valve. reinstalled  
 thermostat, coolant housing, lift bracket, venturi pipe and bracket.  
 reconnected all coolant and oil lines for turbo and reconnected  
 wiring. reinstalled top rad hose and filled with coolant. reinstalled  
 upper rear cover with new gasket and installed valve cover with new  
 gasket. reinstalled cac pipes and egr crossover with new orings.  
 reinstalled dog box and air cleaner. programmed acm and ecm. performed  
 cylinder balance test. test passed. performed regen with no issues.  
 pulled truck back in shop and checked over for leak. no leaks found.  
 all bolts tight. all fluids full. cleared codes.

TOTAL LABOR 2,835.00  
 TOTAL PARTS 212.74

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 Qty Part Number Desc Unit Extended

Trans: VOLVO AUTO / ATO2612D  
 Rear Axle: SHNO3767846 DST40141 SHNO3767847

Ratio: 3.25

Customer #: 1520 PO #: Memo:

100	SPF-DB-75	PAD/EACH	0.67	67.00
2	PER-81950	PERMATEX	4.81	9.62
1	1677354	3.25MM	10.40	10.40
	B/O RELEASE 1-8Y5523S CONFIR			
1	21054149	BALL SOCK	13.44	13.44
1	PER-80697	PERMATEX	8.32	8.32
1	20566175	FITTING	18.61	18.61
2	20855371	GASKET	12.80	25.60
3	3M-7525	DISC/EA	8.61	25.83
	B/O RELEASE 1-8y5972s CONFIRM # 2606			
1	20592787	V-BAND CL	33.92	33.92

8 R&R OIL DIPSTICK TUBE  
 found dipstick tube broken once oil pan was removed. ordered new  
 dipstick and installed once oil pan was reinstalled on truck.  
 checked for leaks. no leaks.

TOTAL LABOR 105.00  
 TOTAL PARTS 135.35

B/O RELEASE 1-8Y5806S CONFIR

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 Qty Part Number Desc Unit Extended

1	21363816	DIPSTICK	90.65	90.65
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		2012	VOLVO /			4V4NC9EH9
		Unit #:	Mileage:	Engine Model / Serial #:	Engine Hours:	License:
		149	592205	D13 / 971456		
		<b>8R4569</b> *8R4569*				
B/O RELEASE 1-8Y5816S		CONFIR				

1 21523327 PIPE 44.70 44.70

9 R&R BLOWBY TUBE NUT SERTS  
 had to drill out broken bolt in valve cover and remove old nutsert.  
 installed two new nutserts in valve cover for blow by tube  
 TOTAL LABOR 157.50  
 TOTAL PARTS 1.55

Qty	Part Number	Desc	Unit	Extended
1	CCT-XL28-1/8	3FL.BIT	1.55	1.55

10 REGEN  
 pulled truck out side and performed parked regen  
 TOTAL LABOR 157.50

11 TRANSMISSION CONTROL UNIT FIRMWARE UPDATE  
 hooked laptop up to truck and reprogrammed tecm with new software  
 TOTAL LABOR 105.00

12 ENGINE CONTROL UNIT FIRMWARE UPDATE  
 hooked laptop up to truck and reprogrammed ecm with new software  
 TOTAL LABOR 105.00

Trans: VOLVO AUTO / ATO2612D  
 Rear Axle: SHNO3767846 DST40141 SHNO3767847

Ratio: 3.25

Customer #: 1520 PO #: Memo:

13 VEHICLE CONTROL UNIT FIRMWARE UPDATE  
 hooked laptop up to truck and reprogrammed vecu with new software  
 TOTAL LABOR 105.00

14 \*\* I-SHIFT SERVICE SERVICE SPECIAL \*\*  
 \*\*I-SHIFT SERVICE SPECIAL\*\*  
 DRAIN AND SERVICE I-SHIFT TRANSMISSION WITH GENUINE VOLVO BRAND FLUID  
 \*UP TO 20 QUARTS\* AND GENUINE VOLVO FILTER.  
 INSPECT AND NOTIFY CUSTOMER OF ANY DISCREPANCIES FOUND DURING SERVICE.  
 FILTER: 20779040  
 TRANS LUBE: VPO-120549  
 drained oil. removed and relaced filter. refilled transmisson with i  
 shift oil  
 SERVICE SPECIAL 439.99

Qty	Part Number	Desc
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		2012	VOLVO /			4V4NC9EH9
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		149	592205	D13 / 971456		
		<b>8R4569</b> *8R4569*				

5 VPO-120549 OIL/GAL  
 B/O RELEASE 1-8Y5974S CONFIRM # 2613  
 1 20779040 KIT

15 REPAIR CAC LEAK  
 had to cut two band clamps off and install two new band clamps to keep  
 cac tube from leaking and put a new heilcoil in bolt hole that holds  
 valve in cac tube old one came out put valve back on no more leaks at  
 valve or at hoses in cac tube tested drove truck no more noise.

TOTAL LABOR 105.00  
 TOTAL PARTS 15.86

Qty	Part Number	Desc	Unit	Extended
1	BRZ-B9224-0356	B9224-035	6.98	6.98
1	BRZ-B9224-0356	B9224-035	6.98	6.98
1	HR	HCOIL	1.90	1.90
SUPPLIES & MATERIALS				50.00
ENVIRONMENTAL FEE				2.20

SALES CUST SERV LBR 540.8 5,442.99  
 SUPPLIES AND MATERAL 542.8 52.20  
 SALES CUST SERV PART 551.8 3,245.75  
 SALES TAX 221.1 192.36  
 PLEASE PAY THIS TOTAL 112.8 8,933.30

CCCCCC 00000 DDDDDDD  
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<b>Sold</b>	<b>To:</b> CASH-TAXABLE MAYURAC INC 7816 GLENDALE GREENS, NY 11385 929			<b>Year:</b>	<b>Make / Model:</b>	<b>Inservice Date:</b>	<b>Inservice Mileage:</b>	<b>VIN:</b>
				2012	VOLVO /			4V4NC9EH9
				<b>Unit #:</b>	<b>Mileage:</b>	<b>Engine Model / Serial #:</b>	<b>Engine Hours:</b>	<b>License:</b>
				149	592205	D13 / 971456		
				<b>Trans:</b>	VOLVO AUTO / ATO2612D			
<b>Rear Axle:</b>			SHNO3767846 DST40141 SHNO3767847				<b>Ratio:</b>	3.25

Customer #: 1520

PO #:

Memo:

CCC            000    000    DDD    DDD  
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**Disclaimer of Warranties:**

The factory warranty constitutes all of the warranties with respect to the sale of this item/items. Cumberland Truck hereby expressly disclaims all warranties, either express or implied including any implied warranty of merchantability or fitness for particular purpose, and Cumberland Truck neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

Customer: X \_\_\_\_\_

Date:

**CUSTOMER INVOICE**