

You have changed from the Evans Trucking Ltd. (ET) shop to the Evans HD Ltd (EV) shop.

Invoice: EV-101229

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### Evans HD Ltd

1104 12 Ave  
Coaldale, AB T1M 0G3, CA  
terry@evanshd.ca  
403-388-3616



Invoice:

EV-101229

Date:

11/24/2021

#### Bill To

EVANS TRUCKING  
1104 12ave  
Coaldale, AB T1M 0G3, CA  
P: 403-345-3558

#### Remit Payment To

Evans HD Ltd.  
1104 12 Ave  
Coaldale, AB T1M 0G3, CA

| Service Order | Terms  | Due Date   | Authorizer     | Customer PO | Service Writer | Unit # |
|---------------|--------|------------|----------------|-------------|----------------|--------|
| EV-2723       | Net 30 | 12/24/2021 | NETTIE FRIESEN |             | Unruh, Carlos  | 21     |

#### Item Description

**Complaint:** CHECK AND REPAIR FOR CRUISE INOP

**Cause:** Customer request

#### Labor Correction:

Chassis / Chassis /

- ENGINE MISS IN #4 PROBABLY CAUSED THIS CONDITION, DID NOT CHECK ANY BRAKE OR CLUTCH SWITCHES

0.10000 \$125.00 \$12.50

**Subtotal** \$12.50

**Complaint:** CHECK AND REPAIR FOR ROUGH IDLE AND LOTS OF SMOKE WHEN COLD

**Cause:** Customer request

(Inspection)

#### Labor Correction:

Chassis / Chassis /

- TRUCK STARTED UP AND STALLED OUT FOR A SECOND AND IDLED BACK UP BUT IT WAS ROUGH  
- LOTS OF SMOKE ON START UP AND WHEN IDLING  
- PERFORMED A RELATIVE COMPRESSION TEST, #1: 100% #2: 88% #3: 79% #4: 0% #5: 88% #6: 74%  
- LAST VALVE SET WAS 38,000 KM AGO, POSSIBLE INTAKE VALVE SEATS HAMMERED OUT, WILL CHECK ADJUSTMENT  
- REMOVED INTAKE CLEANER AND PIPING  
- REMOVED VALVE COVER  
- CHECKED ADJUSTMENT  
- #4 REAR INTAKE HAS ZERO LASH, TOOK 1/4 BACK TO GET LASH, THE REST OF THE VALVES HAVE LASH AND ARE NOT TIGHT  
- SET VALVES, INTAKE: .016", EXHAUST: .024", JAKES: 4.6MM  
- PUT VALVE COVER ON AND DID ANOTHER COMPRESSION TEST, #4: 50 % AND #6: 87%  
- CYLINDER HEAD NEEDS REPLACEMENT  
DIAG 1.8 HOURS

26.88000 \$125.00 \$3,360.00

- DRAINED COOLANT  
- REMOVED BUMPER  
- REMOVED WIRING HARNESS  
- REMOVED COOLANT HOSES  
- REMOVED CHARGE AIR PIPES  
- REMOVED RAD SUPPORT BRACKETS  
- REMOVED EXHAUST AND EGR PIPING  
- REMOVED TURBO  
- REMOVED HIGH PRESSURE FUEL LINES, MADE NOTE OF ORIENTATION FOR RE-USE AND CAPPED OFF FITTINGS  
- REMOVED VALVE COVER  
- REMOVED INJECTOR HARNESS  
- REMOVED FUEL INJECTORS  
- REMOVED CAM FRAME  
- REMOVED HEAD BOLTS AND HEAD  
  
- FOUND #4 INTAKE VALVE IS BROKEN  
- #4 PISTON IS SLIGHTLY DENTED BUT LINER SEEMS TO BE OKAY, CLEANED OFF CARBON AND CHECKED FOR CRACKING  
- #4 FUEL INJECTOR TIP IS NOT DAMAGED  
- TURBO HAS NO VISIBLE DAMAGE ON THE VANES AND IT ROTATES FREELY  
  
- CLEANED BLOCK DECK, HEAD AND OTHER GASKET SURFACES  
- CHECKED LINER PROTRUSION: AVG .008"  
- USING A KNOW GOOD HEAD FROM A DIFFERENT JOB INSTEAD OF USING NEW, BUT WILL BE REPLACING VALVE STEM SEALS  
- REMOVED VALVE SPRINGS, KEEPERS AND SEALS  
- CLEANED ROUGH SPOTS ON VALVES STEMS SO NEW SEALS WONT GET CUT  
- INSTALLED 24 NEW VALVE STEM SEALS

| Item  | Description                                                                                   | Quantity | Rate         | Amount             |
|-------|-----------------------------------------------------------------------------------------------|----------|--------------|--------------------|
|       | - INSTALLED INTAKE, EXHAUST AND WATER MANIFOLDS ON HEAD                                       |          |              |                    |
|       | - INSTALLED LIFTING BRACKETS AND FUEL FITTINGS ON HEAD                                        |          |              |                    |
|       | - CLEANED AND MEASURED HEAD BOLTS FOR RE-USE                                                  |          |              |                    |
|       | - INSTALLED CYLINDER HEAD WITH A PAI GASKET                                                   |          |              |                    |
|       | - CHECKED CAM IDLER BACK LASH: .000" (SPEC: .0016" - .0065"), WILL NEED TO ADJUSTED BACK LASH |          |              |                    |
|       | - REMOVED SHIFTER TO GET ACCESS TO ADJUSTABLE GEAR COVER                                      |          |              |                    |
|       | - SET BACK LASH TO .002"                                                                      |          |              |                    |
|       | - INSTALLED SHIFTER AND GEAR COVER WITH NEW GASKETS                                           |          |              |                    |
|       | - INSTALLED CAM HOUSING AND ROCKER SHAFTS                                                     |          |              |                    |
|       | - ADJUSTED VALVES                                                                             |          |              |                    |
|       | - INSTALLED INJECTORS WITH PAI HOLD DOWN BOLTS AND SEALS                                      |          |              |                    |
|       | - INSTALLED OLD HIGH PRESSURE FUEL LINES, USED DETROIT PASS THROUGH SEALS                     |          |              |                    |
|       | - PRIMED FUEL SYSTEM AND CHECKED FOR LEAKS                                                    |          |              |                    |
|       | - INSTALLED INJECTOR HARNESS                                                                  |          |              |                    |
|       | - INSTALLED VALVE COVER WITH A NEW GASKET                                                     |          |              |                    |
|       | - INSTALLED COOLANT LINES, REPLACED SOME CLAMPS AND SEALS                                     |          |              |                    |
|       | - INSTALLED EGR PIPING                                                                        |          |              |                    |
|       | - INSTALLED RAD SUPPORT BRACKET                                                               |          |              |                    |
|       | - INSTALLED TURBO, REPLACED CLAMP AND RESEALED DRAIN LINE                                     |          |              |                    |
|       | - INSTALLED CHARGE AIR AND INTAKE PIPING                                                      |          |              |                    |
|       | - INSTALLED WIRING HARNESS AND SECURED                                                        |          |              |                    |
|       | - INSTALLED BUMPER                                                                            |          |              |                    |
|       | - VACUUM FILLED COOLANT AND TOPPED OFF LEVEL                                                  |          |              |                    |
|       | - TOPPED OFF OIL LEVEL                                                                        |          |              |                    |
|       | - STARTED ENGINE AND VERIFIED OIL PRESSURE                                                    |          |              |                    |
|       | - DID A RELATIVE COMPRESSION TEST AND ALL CYLINDERS ARE ABOVE 95%                             |          |              |                    |
|       | - WASHED ENGINE BAY OFF                                                                       |          |              |                    |
|       | - RAN UNIT UP TO TEMP AND CHECKED FOR LEAKS                                                   |          |              |                    |
| Parts | DD16 CYLINDER HEAD - DDE/RA4730103520                                                         | 1.00000  | \$5,895.0725 | \$5,895.07         |
| Parts | Dirty Core for DD16 CYLINDER HEAD - Dirty Core for DDE/RA4730103520                           | -1.00000 | \$1,963.50   | -\$1,963.50        |
| Parts | Inherent Core for DD16 CYLINDER HEAD - Inherent Core for DDE/RA4730103520                     | 1.00000  | \$1,963.50   | \$1,963.50         |
| Parts | VALVE COLLAR - DDE/A4720530026                                                                | 8.00000  | \$0.558      | \$4.46             |
| Parts | VALVE STEM SEAL - DDE/A4700530158                                                             | 24.00000 | \$6.42906    | \$154.30           |
| Parts | DD15 HEAD GASKET KIT - 631395                                                                 | 1.00000  | \$1,045.935  | \$1,045.94         |
| Parts | INJ SEAL - DDE/A4720780180                                                                    | 6.00000  | \$16.25666   | \$97.54            |
| Parts | O-RING - DDE/A4729970845                                                                      | 1.00000  | \$9.52       | \$9.52             |
| Parts | DD15 WATER MANIFOLD GASKET - 631389                                                           | 1.00000  | \$48.8475    | \$48.85            |
| Parts | DD15 WATER MANIFOLD GASKET - 631390                                                           | 1.00000  | \$41.418     | \$41.42            |
| Parts | METRIC HEX PLUG - 9030M-16X1.5                                                                | 1.00000  | \$8.55       | \$8.55             |
| Parts | 3/4" STEEL PLUG - 2222-122                                                                    | 1.00000  | \$1.818      | \$1.82             |
| Parts | CONNECTOR PIPE - DDE/A4722000154                                                              | 2.00000  | \$21.906     | \$43.81            |
| Parts | CLAMP-V BAND 4" - TCX/T130130349AC2                                                           | 1.00000  | \$31.338     | \$31.34            |
| Parts | GASKET-4INCH W/TABS - TCX/AMS012                                                              | 1.00000  | \$16.65      | \$16.65            |
| Parts | SHIFT TOWER GASKET - GKG-6452-008                                                             | 1.00000  | \$18.52176   | \$18.52            |
| Parts | SEAL - DDE/A0002361880                                                                        | 1.00000  | \$13.104     | \$13.10            |
| Parts | DD15 VALVE COVER GASKET - 631366                                                              | 1.00000  | \$64.4826    | \$64.48            |
| Parts | O-RING - DDE/A0299975945                                                                      | 1.00000  | \$22.41      | \$22.41            |
| Parts | O-RING - DDE/A0309974645                                                                      | 1.00000  | \$35.334     | \$35.33            |
| Parts | BLOCK DRAIN PLUG - DDE/A6019970430                                                            | 1.00000  | \$14.409     | \$14.41            |
| Parts | HOSE CLAMP - BRZ/9210H                                                                        | 2.00000  | \$1.12487    | \$2.25             |
| Parts | HOSE CLAMP - BRZ/9208H                                                                        | 2.00000  | \$2.04183    | \$4.08             |
| Parts | EXTENDED LIFE ANTI-FREEZE - OWI-AMAC53                                                        | 2.00000  | \$15.57      | \$31.14            |
| Parts | METAL SEAL - DDE/A4710960380                                                                  | 1.00000  | \$82.335     | \$82.34            |
| Parts | SHELL 5-40 BULK OIL - SH500010133                                                             | 2.00000  | \$7.05       | \$14.10            |
|       | <b>Subtotal</b>                                                                               |          |              | <b>\$11,061.43</b> |

Unit: 21 VIN: 3AKJHHR5KSKJ6865  
 2019 FREIGHTLINER CASCADIA 126  
 Chassis: 678,977 Kilometers

|                              |             |
|------------------------------|-------------|
| Labor                        | \$3,372.50  |
| Parts                        | \$7,701.43  |
| Shop Supplies                | \$500.00    |
| Pre Tax Total                | \$11,573.93 |
| GST (5.0000% of \$11,573.93) | \$578.70    |
| Total                        | \$12,152.63 |
| Payments & Credits           | \$12,152.63 |
| Balance Due                  | \$0.00      |

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## Payment Information

| Date Created | Date Applied | Payment #                                                                        | Method | Reference # | Disbursement ID                                         | Amount      |
|--------------|--------------|----------------------------------------------------------------------------------|--------|-------------|---------------------------------------------------------|-------------|
| 1/13/2022    | 1/13/2022    | 2439476<br>(/office/customer/viewCustomerPayment.html?customerPaymentId=2439476) | Cash   | EVHD220114  | (/office/configuration/viewBankDeposit.html?depositId=) | \$12,152.63 |

## Invoice Information

| Service Order EV-2723<br>(/office/workorder/viewRepairOrder.html?<br>repairOrderId=5618918) |                                                                                                                                                                                         | Unit Information |                                                                                | Invoice Information |                        |
|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------|---------------------|------------------------|
| PO #:                                                                                       | <div>Save</div>                                                                                                                                                                         | VIN:             | 3AKJHHDR5KSKJ6865                                                              | Other Costs         | \$ 0.00                |
|                                                                                             |                                                                                                                                                                                         | Year:            | 2019                                                                           | Parts               | \$7,701.43             |
|                                                                                             |                                                                                                                                                                                         | Make:            | FREIGHTLINER                                                                   | Labor               | 26.98 hours \$3,372.50 |
| Promise to pay:                                                                             | <div>Save</div>                                                                                                                                                                         | Model:           | CASCADIA 126                                                                   | Shop Supplies       | \$ 500.00              |
|                                                                                             |                                                                                                                                                                                         | Unit:            | Unit 21<br>(/office/customer/viewCustomerUnit.html?<br>customerUnitId=1767155) | Subtotal            | \$ 11,573.93           |
|                                                                                             |                                                                                                                                                                                         | Current Usage:   | 1,308,170 Kilometers                                                           | Tax                 | \$ 578.70              |
| Customer:                                                                                   | EVANS TRUCKING<br>(/office/customer/viewCustomer.html?<br>customerId=759832)<br>NETTIE FRIESEN<br>nettief@evanstrucking.ca<br>1104 12ave, Coaldale, AB T1M 0G3,<br>CA                   |                  |                                                                                | Total               | \$ 12,152.63           |
| Shop:                                                                                       | Evans HD Ltd (EV)<br>terry@evanshd.ca<br>1104 12 AveCoaldale, AB T1M 0G3,<br>CA                                                                                                         |                  |                                                                                | Balance             | \$ 0.00                |
| Created:                                                                                    | Brad Westerhoud<br>1:29PM 11/24/2021                                                                                                                                                    |                  |                                                                                |                     |                        |
| Email/Text Log:                                                                             | The following contacts were sent the invoice: NETTIE FRIESEN<br>nettief@evanstrucking.ca, DERECK BRAUN<br>dereckbraun@evanstrucking.ca<br>Sent by: Brad Westerhoud at 1:29PM 11/24/2021 |                  |                                                                                |                     |                        |



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Brennan LeBlanc  
Divisional Operations Manager  
Western Canada Agriculture