

# Willy Heavy Duty & Auto Repair

Unit 110 - 7350 108 Ave SE Unit  
Calgary, Alberta, T2C 5C8  
(403) 218 - 9308



Invoice: INV-S-191

Invoice Date: Jan 27, 2026

Due date: Feb 26, 2026

X33-14  
SEP

## Bill To

ATLAS LAND SERVICES  
90 Tuscany Summit Green Northwest  
Calgary, Alberta, T3L 0B8

## Remit payment to

Willy Heavy Duty & Auto Repair  
Unit 110 - 7350 108 Ave SE Unit  
Calgary, Alberta, T2C 5C8  
(403) 218 - 9308

| Unit | VIN/Serial #      | Asset                    | Mileage | Eng Hrs |
|------|-------------------|--------------------------|---------|---------|
| T-05 | 2WKRDDXH31K968464 | 2001 WESTERNSTAR<br>5900 | 64,645  | 25,097  |

| Service Order | Terms  | Due date     | Customer PO | Authorizer |
|---------------|--------|--------------|-------------|------------|
| S-191         | Net 30 | Feb 26, 2026 |             |            |

| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Quantity | Rate              | Amount            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------|-------------------|
| <b>Diagnose unit for hard shifting</b><br>Trans not shifting smoothly<br>Diagnosed the unit after it was towed for hard shifting issues. The problem was pinpointed to a faulty transmission, which will need to be replaced. Job complete.                                                                                                                                                                                                                                                                                                                        | 2        | \$120.00          | \$240.00          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          | <b>Line Total</b> | <b>\$240.00</b>   |
| <b>Replace transmission</b><br>Remove and replace transmission assembly.<br>Disconnected the driveline, removed the PTO/pump, and drained fluid to prepare for transmission removal. Upon inspection, damaged rear gears were found, necessitating a new transmission. After transferring required components to the new unit, replace crossshafts and bushings, replace clutch brake, transmission was assembled back onto the truck, with all bolts tightened to specifications. The unit was filled with new oil and tested, operating correctly. Job complete. | 10       | \$120.00          | \$1,200.00        |
| Parts CROSS SHAFT CLUTCH RELEASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        | \$83.06           | \$83.06           |
| Parts Transmission fluid (PAIL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1        | \$295.80          | \$295.80          |
| Parts Transmission assembly 10 SPEED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1        | \$4,883.75        | \$4,883.75        |
| Parts 2 PIECE CLUTCH BRAKE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1        | \$96.18           | \$96.18           |
| Parts CROSS SHAFT CLUTCH RELEASE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        | \$38.69           | \$38.69           |
| Parts CROSS SHAFT BUSHINGS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4        | \$16.53           | \$66.12           |
| Parts 5/32 SHIFTER AIR FITTINGS KIT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1        | \$37.40           | \$37.40           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          | <b>Line Total</b> | <b>\$6,701.00</b> |
| <b>Replace clutch assembly</b><br>Remove and replace clutch assembly.<br>A new heavy-duty clutch was sourced and installed. All mounting bolts were tightened, and the clutch assembly and linkages were adjusted to specifications. The operation was tested and confirmed to be functioning properly. Job complete.                                                                                                                                                                                                                                              | 4        | \$120.00          | \$480.00          |
| Parts EASY PEDAL CLUTCH ASSEMBLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1        | \$1,533.37        | \$1,533.37        |

|       | Description               | Quantity | Rate              | Amount            |
|-------|---------------------------|----------|-------------------|-------------------|
| Parts | Pilot bearing             | 1        | \$21.39           | \$21.39           |
| Parts | CLUTCH LINKAGE ENDS LH    | 1        | \$50.70           | \$50.70           |
| Parts | CLUTCH LINKAGE ROD END RH | 1        | \$154.46          | \$154.46          |
| Parts | HARDWARE KIT              | 1        | \$11.25           | \$11.25           |
|       |                           |          | <b>Line Total</b> | <b>\$2,251.17</b> |

#### Replace all 3 driveline U-joints

Remove and replace all three driveline U-joints.

During the driveline removal, all three U-joint end caps were found broken and required replacement. The U-joints were removed and replaced with new ones, and the mounting bolts were torqued to specifications. The driveline was reinstalled, all mounting hardware was torqued, and the driveline and chassis were greased as needed. Job

|       |                     |   |                   |                 |
|-------|---------------------|---|-------------------|-----------------|
| Labor | complete.           | 4 | \$120.00          | \$480.00        |
| Parts | U-joint 1760 SERIES | 3 | \$89.91           | \$269.73        |
| Parts | Safety Chains       | 2 | \$47.72           | \$95.44         |
|       |                     |   | <b>Line Total</b> | <b>\$845.17</b> |

#### Replace engine rear main seal

Remove and replace engine rear main seal.

While the transmission was removed, a leak was detected at the rear main seal. The old seal was replaced, the crankshaft was cleaned, and the new rear main seal was installed. The unit was then run and checked for leaks, which are now resolved. Job complete.

|       |                                                  |   |                   |                 |
|-------|--------------------------------------------------|---|-------------------|-----------------|
| Labor | for leaks, which are now resolved. Job complete. | 2 | \$120.00          | \$240.00        |
| Parts | Rear main seal                                   | 1 | \$123.60          | \$123.60        |
|       |                                                  |   | <b>Line Total</b> | <b>\$363.60</b> |

#### Replace rear engine mounts

Remove and replace rear engine mounts.

Removed and replaced worn rear engine mounts with new ones. Torque mounting bolts to specifications. Job complete.

|       |                                                 |     |                   |                 |
|-------|-------------------------------------------------|-----|-------------------|-----------------|
| Labor | mounting bolts to specifications. Job complete. | 2.5 | \$120.00          | \$300.00        |
| Parts | Transmission mount, LOWER                       | 4   | \$20.49           | \$81.96         |
| Parts | ENGINE MOUNT UPPER                              | 2   | \$39.15           | \$78.30         |
|       |                                                 |     | <b>Line Total</b> | <b>\$460.26</b> |

#### Replace front differential

Clunking noise while shifting

After a test drive, the front differential was found to be making excessive clunking noises. A good used differential was sourced and installed after removing the old one and cleaning all mounting surfaces. All bolts were tightened, oil was filled to specifications, and the axles were installed.

Operation was tested and confirmed satisfactory, with the oil level

|       |                                               |    |                   |                   |
|-------|-----------------------------------------------|----|-------------------|-------------------|
| Labor | rechecked and topped as needed. Job complete. | 10 | \$120.00          | \$1,200.00        |
| Parts | 75W90 DIFF OIL (PAIL)                         | 1  | \$285.33          | \$285.33          |
| Parts | Differential gasket maker                     | 1  | \$22.73           | \$22.73           |
| Parts | Front differential assembly                   | 1  | \$1,894.73        | \$1,894.73        |
| Parts | M42X1.5 METRIC FLANGE NUT                     | 1  | \$35.05           | \$35.05           |
|       |                                               |    | <b>Line Total</b> | <b>\$3,437.84</b> |

#### Replace front diff rear pinion bearings and seal

Excessive play at the bearing

During the front differential removal, excessive play was found in the rear pinion bearings. The pinion and shaft were removed, along with the snap ring and bearings. New bearings and races were installed, and the

|       |                                                                        |   |          |          |
|-------|------------------------------------------------------------------------|---|----------|----------|
| Labor | snap ring and bearings. New bearings and races were installed, and the | 4 | \$120.00 | \$480.00 |
|-------|------------------------------------------------------------------------|---|----------|----------|

|       | Description                                                                                          | Quantity | Rate              | Amount          |
|-------|------------------------------------------------------------------------------------------------------|----------|-------------------|-----------------|
|       | pinion shaft and yoke were reassembled, with the yoke nut tightened to specifications. Job complete. |          |                   |                 |
| Parts | Pinion bearing                                                                                       | 2        | \$24.55           | \$49.10         |
| Parts | Pinion seal                                                                                          | 1        | \$158.47          | \$158.47        |
| Parts | PINION BEARING RACE                                                                                  | 2        | \$32.68           | \$65.36         |
| Parts | M39X1.5 METRIC FLANGE NUT                                                                            | 1        | \$30.61           | \$30.61         |
|       |                                                                                                      |          | <b>Line Total</b> | <b>\$783.54</b> |

#### Reseal rear differential

##### Housing leaking

While repairing the front differential, the rear differential housing was observed to be leaking significantly. Resealing was recommended. The differential oil was drained, the unit resealed, and reassembled with all mounting bolts tightened. After filling with oil, the driveline was installed, and the mounting hardware was torqued to specification. Axles were tilted to fill the hubs, and oils were rechecked and topped up as needed.

|       |                           |   |                   |                 |
|-------|---------------------------|---|-------------------|-----------------|
| Labor | Job complete.             | 4 | \$120.00          | \$480.00        |
| Parts | 75W90 DIFF OIL (PAIL)     | 1 | \$285.33          | \$285.33        |
| Parts | Differential gasket maker | 1 | \$22.73           | \$22.73         |
|       |                           |   | <b>Line Total</b> | <b>\$788.06</b> |

#### Remove and re-install flywheel

##### Prep for machining

Remove the flywheel for resurfacing and then reinstall it, ensuring that the mounting bolts are torqued to specifications. Job complete.

|       |                                                                 |     |                   |                 |
|-------|-----------------------------------------------------------------|-----|-------------------|-----------------|
| Labor | the mounting bolts are torqued to specifications. Job complete. | 2.5 | \$120.00          | \$300.00        |
| Parts | THIRD PARTY FLYWHEEL MACHINING                                  | 1   | \$128.50          | \$128.50        |
|       |                                                                 |     | <b>Line Total</b> | <b>\$428.50</b> |

#### Replace passenger seat

##### Missing

Unit arrived with a missing passenger seat. A new seat was assembled and the mounting bolts were tightened. Job complete.

|       |                                                      |   |                   |                 |
|-------|------------------------------------------------------|---|-------------------|-----------------|
| Labor | and the mounting bolts were tightened. Job complete. | 2 | \$120.00          | \$240.00        |
| Parts | Passenger seat assembly WESTERN STAR                 | 1 | \$385.90          | \$385.90        |
|       |                                                      |   | <b>Line Total</b> | <b>\$625.90</b> |

#### Replace power steering hoses

##### Leaking

Replaced leaking power steering hoses with newly manufactured ones. Assembled and tightened all fittings to ensure proper operation. Job complete.

|       |                     |     |                   |                 |
|-------|---------------------|-----|-------------------|-----------------|
| Labor | complete.           | 2.5 | \$120.00          | \$300.00        |
| Parts | PZL ATF 5L          | 4   | \$57.63           | \$230.52        |
| Parts | Power steering hose | 2   | \$150.00          | \$300.00        |
|       |                     |     | <b>Line Total</b> | <b>\$830.52</b> |

#### Repair exhaust pipe leaks, weld crack on exhaust Y-pipe

##### Leaks under cab

The exhaust system was inspected, revealing a cracked Y-pipe. The Y-pipe was removed, the crack welded, and reassembled with all step clamps tightened. Additionally, leaking flex pipes were replaced, and all clamps were tightened. The unit was started and rechecked for leaks, which were resolved. Job complete.

|       |                                    |   |          |          |
|-------|------------------------------------|---|----------|----------|
| Labor | which were resolved. Job complete. | 3 | \$120.00 | \$360.00 |
| Parts | Exhaust Flex Pipe                  | 2 | \$46.17  | \$92.34  |
| Parts | 5" EXHAUST BAND CLAMP              | 4 | \$28.40  | \$113.60 |

| Description                                                                                                                                                                                                          |                                                                        | Quantity | Rate              | Amount          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------|-------------------|-----------------|
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$565.94</b> |
| <b>Diagnose PTO pump, Fill up hydraulic oil</b>                                                                                                                                                                      |                                                                        |          |                   |                 |
| Not working                                                                                                                                                                                                          |                                                                        |          |                   |                 |
| After assembly, the truck box would not raise. Diagnosis revealed a possibly blocked airline, which was cleared using shop air. The air lines were reassembled, and operation was tested successfully. Hydraulic oil |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | was topped up to specifications. Job complete.                         | 2.5      | \$120.00          | \$300.00        |
| Parts                                                                                                                                                                                                                | FLEETSAVER HYDRAULIC OIL                                               | 1        | \$112.44          | \$112.44        |
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$412.44</b> |
| <b>Replace wiper blade</b>                                                                                                                                                                                           |                                                                        |          |                   |                 |
| Both blades                                                                                                                                                                                                          |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | Replaced worn-out wiper blades. Job complete.                          | 0.5      | \$120.00          | \$60.00         |
| Parts                                                                                                                                                                                                                | Wiper blade                                                            | 2        | \$24.49           | \$48.98         |
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$108.98</b> |
| <b>Repair oil at oil pan</b>                                                                                                                                                                                         |                                                                        |          |                   |                 |
| Oil present                                                                                                                                                                                                          |                                                                        |          |                   |                 |
| Drained engine oil and removed the oil pan, discovering a crack at the bottom. Attempted to reseal the pan with JB Weld, but a small leak persists. Replacement will be necessary during the next service if the     |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | leak continues. Job complete.                                          | 3        | \$120.00          | \$360.00        |
| Parts                                                                                                                                                                                                                | Oil pan gasket                                                         | 1        | \$130.21          | \$130.21        |
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$490.21</b> |
| <b>Complete oil change service</b>                                                                                                                                                                                   |                                                                        |          |                   |                 |
| And grease unit                                                                                                                                                                                                      |                                                                        |          |                   |                 |
| Completed oil change service, replaced fuel filter and oil filter, and                                                                                                                                               |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | ensured all components were tightened to specifications. Job complete. | 1.5      | \$120.00          | \$180.00        |
| Parts                                                                                                                                                                                                                | SHELL ROTELLA 15W40 18.9L OIL                                          | 2        | \$129.29          | \$258.58        |
| Parts                                                                                                                                                                                                                | CHASSIE GREASE                                                         | 2        | \$10.93           | \$21.86         |
| Parts                                                                                                                                                                                                                | Oil filter                                                             | 2        | \$36.66           | \$73.32         |
| Parts                                                                                                                                                                                                                | FUEL FILTER PRIMARY                                                    | 1        | \$20.39           | \$20.39         |
| Parts                                                                                                                                                                                                                | AIR ELEMENT WITH LID                                                   | 1        | \$109.71          | \$109.71        |
| Parts                                                                                                                                                                                                                | SECONDARY FUEL FILTER                                                  | 1        | \$38.23           | \$38.23         |
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$702.09</b> |
| <b>Diagnose heater blower motor</b>                                                                                                                                                                                  |                                                                        |          |                   |                 |
| Not working                                                                                                                                                                                                          |                                                                        |          |                   |                 |
| Diagnosed the heater blower motor issue. Found the heater resistor faulty and replaced it. Additionally, a blown fuse was identified and replaced. After completing the repairs, tested the system, and confirmed    |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | proper operation. Job complete.                                        | 2        | \$120.00          | \$240.00        |
| Parts                                                                                                                                                                                                                | Heater blower motor                                                    | 1        | \$58.68           | \$58.68         |
|                                                                                                                                                                                                                      |                                                                        |          | <b>Line Total</b> | <b>\$298.68</b> |
| <b>Replace clutch pedal</b>                                                                                                                                                                                          |                                                                        |          |                   |                 |
| Broken                                                                                                                                                                                                               |                                                                        |          |                   |                 |
| The clutch pedal was found to be broken, causing difficulty in shifting the transmission. The pedal was removed and replaced, installed with anti-                                                                   |                                                                        |          |                   |                 |
| Labor                                                                                                                                                                                                                | seize, and tested for proper operation. Job complete.                  | 1.5      | \$120.00          | \$180.00        |
| Parts                                                                                                                                                                                                                | Clutch pedal assembly                                                  | 1        | \$135.68          | \$135.68        |

| Description                                                                                                                                                                                                                                                                      |                             | Quantity | Rate       | Amount   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------|------------|----------|
|                                                                                                                                                                                                                                                                                  |                             |          | Line Total | \$315.68 |
| <b>Replace ignition switch with key</b>                                                                                                                                                                                                                                          |                             |          |            |          |
| The unit was towed in with a broken ignition key. The ignition switch was replaced with a new key, and both door locks were also replaced as needed. Operation was tested and is now functioning correctly. Job                                                                  |                             |          |            |          |
| Labor                                                                                                                                                                                                                                                                            | complete.                   | 1.5      | \$120.00   | \$180.00 |
| Parts                                                                                                                                                                                                                                                                            | Ignition switch with key    | 1        | \$127.82   | \$127.82 |
|                                                                                                                                                                                                                                                                                  |                             |          | Line Total | \$307.82 |
| <b>Repair roof marker lights &amp; D/S rear corner marker light</b>                                                                                                                                                                                                              |                             |          |            |          |
| Non-operative                                                                                                                                                                                                                                                                    |                             |          |            |          |
| Diagnosed non-operative marker lights and found several roof marker light bulbs burnt out; replaced the bulbs, and operation is now satisfactory. Inspected the driver's side corner marker light and discovered a broken pigtail; installed a new pigtail, and operation is now |                             |          |            |          |
| Labor                                                                                                                                                                                                                                                                            | satisfactory. Job complete. | 1        | \$120.00   | \$120.00 |
| Parts                                                                                                                                                                                                                                                                            | Marker light PIGTAIL        | 1        | \$5.13     | \$5.13   |
| Parts                                                                                                                                                                                                                                                                            | Roof marker lamp bulb       | 3        | \$2.77     | \$8.31   |
|                                                                                                                                                                                                                                                                                  |                             |          | Line Total | \$133.44 |

|               |             |
|---------------|-------------|
| Labor         | \$7920.00   |
| Parts         | \$13170.84  |
| Shop supplies | \$100.00    |
| Subtotal      | \$21,190.84 |
| GST (5%)      | \$1,059.59  |
| Total         | \$22,250.43 |
| Payments      |             |
| Balance       | \$22,250.43 |

Any warranties on the parts and accessories sold hereby are made by the manufacturer. You understand and agree that we make no warranties of any kind unless expressed in writing. You hereby authorize us to perform the repair work herein set forth and to purchase the necessary material and parts to perform such repair work. You agree that we are not responsible for loss or damage to your vehicle or articles left in your vehicle in case of fire, theft, or any other cause beyond our control or for any delays caused by unavailability of parts or delays in part shipments by the supplier or transporter. In addition, you agree that we are not responsible for damages to your vehicle from freezing due to lack of antifreeze. You hereby grant our employees permission to operate your vehicle on streets, highways, or elsewhere for the purpose of testing and/or inspection. You acknowledge and agree that an express mechanic's lien on your vehicle is granted to secure payment of this invoice for the repair work detailed in this invoice. All completed units must be paid for and picked within 5 days or will be charge \$20/ day for storage.

Customer signature: \_\_\_\_\_

Printed name: \_\_\_\_\_ Date: \_\_\_\_\_



234185 Wrangler Rd. SE  
Rocky View, AB T1X 0K2  
www.drbmechanical.com  
403-257-6444

Invoice Number: 53036  
Invoice Date: 08/14/2020  
Invoice Time: 1:20 pm  
R/O: 48817  
Customer: ATLAS  
Warehouse: INVDRB

**Billing**

**Customer:** ATLAS LAND SERVICES INC  
90 TUSCANY SUMMIT GREEN NW  
CALGARY, AB T3L0B8

**Owning**

**Customer:** ATLAS LAND SERVICES INC  
90 TUSCANY SUMMIT GREEN NW  
CALGARY, AB T3L0B8

Phone:

Fax:

Customer P/O:

**Unit Number: 5**  
**Meter Reading: 890,431 Kilometers**

**Year: 2001**  
**Manufacturer: WESTERN STAR**  
**Model:**  
**VIN: 2WKRDDXH31K968464**

**Unit Components:**

| <u>Manufacturer</u> | <u>Model</u>         | <u>Description</u> | <u>Serial Number</u> |
|---------------------|----------------------|--------------------|----------------------|
| DETROIT             | 60 SERIES 06R0585801 | ENGINE             | YDDXH12.7EGL         |

**Job: 1**      **Dept: SERVICE**      **INFRAME**      **INFRAME**

Correction: 130 DRAINED ENGINE COOLANT AND OIL. DISPOSED OF FLUIDS. REMOVED CROSS BRACING FROM RADIATOR TO FIREWALL. REMOVED TOP END COMPONENTS FROM ENGINE. COOLANT HOSES, PIPING THERMOSTAT HOUSING ETC. UNBOLTED CAMSHAFT GEAR AND MOVED OUT OF THE WAY. REMOVED REAR CAM COVER AND REMOVED CAMSHAFT. MADE SURE TO KEEP GEAR TIMED. REMOVED INTAKE MANIFOLD, TURBO, EXHAUST MANIFOLD AND FUEL SUPPLY AND RETURN LINES AT REAR OF HEAD. UNBOLTED CYLINDER HEAD AND REMOVED HEAD. SET ON BENCH. REMOVED OIL PAN, OIL PUMP AND PICK UP TUBES. REMOVED PISTON COOLING NOZZLES. REMOVED PISTON AND CONNECTING ROD ASSEMBLIES. PULLED LINERS OUT. CLEANED DECK AND LINER BORES. HAD A LOT OF MELTED RUBBER FROM LINER SEALS IN BORES. FLUSHED AND CLEANED BLOCK. REMOVED MAIN BEARING CAPS AND PERFORMED MAIN BEARING ROLL WHILE CLEANING CRANK JOURNALS AND OIL PASSAGES. INSTALLED MAIN BEARING CAPS AND TORQUED ALL TO SPEC. MADE UP CYLINDER LINER INSTALLER. INSTALLED LINER SEALING RINGS AND INSTALLED IN BLOCK. CHECKED LINER PROTRUSION AND ALL WITHIN SPEC. REMOVED PISTONS FROM CONNECTING RODS. CLEANED RODS AND CHECKED FOR STRAIGHTNESS AND ANY DAMAGE. ALL OK. INSTALLED NEW PISTONS ON RODS AND INSTALLED IN ENGINE. TORQUED ALL CONNECTING ROD NUTS TO SPEC. INSTALLED NEW PISTON COOLING JETS. CHECKED OVER NEW CYLINDER HEAD AND CLEANED UP. CLEANED CAMSHAFT PASS THROUGH PLATE AND REPLACED SEALS. INSTALLED ON BLOCK AND TORQUED ALL CYLINDER HEAD BOLTS TO SPEC IN SPECIFIED ORDER. INSTALLED NEW CAMSHAFT BEARING SHELLS AND INSTALLED CAMSHAFT. MOUNTED CAM GEAR AND SET AND TORQUED DIAMOND SEAL PLATE. TORQUED CAM GEAR TO SPEC. RE-INSTALLED COVER. CLEANED INJECTOR BORES AND INSTALLED NEW INJECTORS. TORQUED HOLD DOWNS TO SPEC. CLEANED AND INSPECTED ROCKER SHAFTS. ALL OK. INSTALLED ROCKER SHAFTS AND PERFORMED VALVE AND INJECTOR SET. CLEANED ENGINE BRAKE HOUSINGS AND INSTALLED ON ENGINE. TORQUED ALL MOUNTING BOLTS AND NUTS TO SPEC. INSTALLED INJECTOR WIRING HARNESS. OILED CAMSHAFT AND ROCKERS. INSTALLED ROCKER BOX AND VALVE COVER. CLEANED OIL PICK UP AND DELIVERY TUBES. INSTALLED NEW OIL PUMP AND ATTACHED AND TORQUED PICK UP AND DELIVERY TUBES. CLEANED OIL PAN AND INSTALLED. WENT THROUGH AND REPLACED ALL DAMAGED OR ROTTEN COOLANT HOSES. SUPPLY AND RETURN AT COOLANT FILTER, OIL COOLER HOSES. SUPPLY FROM TANK TO PUMP AND UPPER RAD HOSE. REMOVED AND REPLACED WATER



234185 Wrangler Rd. SE  
Rocky View, AB T1X0K2  
www.drbmechanical.com  
403-257-6444

Invoice Number: 53036  
Invoice Date: 08/14/2020  
Invoice Time: 1:20 pm  
R/O: 48817  
Customer: ATLAS  
Warehouse: INVDRB

PUMP, AND FUEL PUMP. PAINTED ENGINE. INSTALLED EXHAUST MANIFOLD AND TORQUED TO SPEC WITH NEW BOLTS. HAD TO CHASE ALL THREADS IN HEAD FOR MANIFOLD. REPLACED TURBO MOUNT STUDS, CLEANED TURBO AND INSTALLED. ATTACHED AND SECURED EXHAUST PIPE. CLEANED INTAKE MANIFOLD AND INSTALLED ON ENGINE. TORQUED MOUNTING BOLTS TO SPEC. REMOVED THERMOSTATS FROM HOUSING. CLEANED HOUSING AND INSTALLED NEW SEALS. INSTALLED ON ENGINE. REPLACED COOLANT LINE FROM TANK TO TOP OF T-STAT HOUSING. INSTALLED ALL HOSES AND PIPING BACK ON ENGINE. REPLACED AIR FILTER AND INSTALLED AIR FILTER HOUSING AND PIPING. REMOVED AND REPLACED FUEL, COOLANT, AND OIL FILTERS. FILLED WITH NEW COOLANT. FILLED WITH NEW OIL. CRANKED ENGINE OVER FOR 15 SECONDS AT A TIME UNTIL ENGINE STARTED. RAN AND STOPPED AFTER 5 MIN AND TOPPED UP OIL AND COOLANT. STARTED AGAIN AND BROUGHT OUTSIDE. WASHED OFF ENGINE AND RAN AGAIN AFTER AT 1100 RPM FOR ON HOUR. CHECKED FOR LEAKS AND ALL OK. TOOK ON SHORT TEST DRIVE TO CONFIRM ENGINE BRAKE OPERATION AND ALL OK. LET RUN FOR ANOTHER TWO HOURS AT 1100 RPM WHILE MONITERING TO FINALIZE BREAK IN PROCEDURE. BOXED UP CORES AND CLEANED BAY AFTER REBUILD.

| Part/Labor  | Description/Reference                  | Unit of Measure | Quantity | Price    | Extended Price |
|-------------|----------------------------------------|-----------------|----------|----------|----------------|
| 5515-275    | 2-3/4" SILICONE RAD HOSE (PER INCH)    | EA              | 12.00    | \$5.43   | \$65.16        |
| B495        | FILTER-LUBE/TRIM                       | EA              | 2.00     | \$19.60  | \$39.20        |
| B5134       | COOLANT FILTER/TR4IM                   | EA              | 1.00     | \$11.68  | \$11.68        |
| BF5800      | FILTER-FUEL/TRIM                       | EA              | 1.00     | \$9.74   | \$9.74         |
| BF5815      | FILTER-FUEL/TRIM                       | EA              | 1.00     | \$23.66  | \$23.66        |
| 16-324      | COOLANT - HD FLEET 50/50 PREMIXED (S   | EA              | 52.00    | \$5.91   | \$307.32       |
| 54-6B       | #6 X 1/4" NPT 45 FLARE ADAPT           | EA              | 1.00     | \$4.75   | \$4.75         |
| HR56        | #6 5/16" HYDRAULIC HOSE (5/16" ID) PER | EA              | 8.00     | \$5.32   | \$42.56        |
| PA2705      | FILTER-AIR/F8133528                    | EA              | 1.00     | \$75.80  | \$75.80        |
| 23-44050    | OIL FILLER CAP 1 1/4"/915812           | EA              | 1.00     | \$16.42  | \$16.42        |
| 38-0343     | CLAMP-T-BOLT 2.62 > 2.94"              | EA              | 7.00     | \$14.87  | \$104.09       |
| 4401-6      | #6 SAE FEMALE HOSE FITTING             | EA              | 6.00     | \$21.28  | \$127.68       |
| 5515-250    | 2-1/2" SILICONE RAD HOSE (SOLD P/INCH) | 1"              | 12.00    | \$7.41   | \$88.92        |
| 5526-100    | 1" SILICONE HEATER HOSE (SOLD P/FT)    | EA              | 3.00     | \$11.28  | \$33.84        |
| 57228       | 1-3/4" ID HI-MILER RAD HOSE PER INCH.  | EA              | 6.00     | \$3.64   | \$21.84        |
| 806S-T      | 3/8" SPLIT LOOM PER FT.                | EA              | 3.00     | \$1.54   | \$4.62         |
| HS36        | HOSE CLAMP                             | EA              | 4.00     | \$2.65   | \$10.60        |
| PET-10      | EXT TANG CLAMP-1-1/16                  | EA              | 2.00     | \$3.15   | \$6.30         |
| 15-40       | DURON-HP 15W-40 OIL                    | EA              | 38.00    | \$3.58   | \$136.04       |
| BRK-C       | BRAKE CLEANER                          | EA              | 6.00     | \$6.97   | \$41.82        |
| 08929169    | WASHER/RK8315                          | EA              | 4.00     | \$4.38   | \$17.52        |
| 08929285    | GASKET/RK8315                          | EA              | 1.00     | \$2.10   | \$2.10         |
| 08929357    | BOLT/RK8315                            | EA              | 9.00     | \$20.07  | \$180.63       |
| 08929529    | GASKET/RK8315                          | EA              | 1.00     | \$8.42   | \$8.42         |
| 11506101    | NUT/RK8315                             | EA              | 4.00     | \$1.52   | \$6.08         |
| 23507438    | EXHAUST STUD/RK8315                    | EA              | 4.00     | \$11.27  | \$45.08        |
| 23509744    | STUD BOLT/RK8315                       | EA              | 3.00     | \$31.28  | \$93.84        |
| 23511991    | GASKET/RK8616                          | EA              | 1.00     | \$80.58  | \$80.58        |
| 23519336    | CAP/RK8315                             | EA              | 1.00     | \$34.22  | \$34.22        |
| 23531606    | L/END BRG KIT/RK8315                   | EA              | 1.00     | \$729.35 | \$729.35       |
| 23539103    | GSKET R/C/RK8616                       | EA              | 1.00     | \$113.10 | \$113.10       |
| 23539104    | GASKET/RK8616                          | EA              | 1.00     | \$155.72 | \$155.72       |
| R23505886   | OIL PUMP ASSY/RK8315                   | EA              | 1.00     | \$977.54 | \$977.54       |
| R23505886-C | OIL PUMP ASSY (CORE)/RK8315            | RET EA          | -1.00    | \$208.65 | (\$208.65)     |
| R23505886-C | OIL PUMP ASSY (CORE)/RK8315            | CHG EA          | 1.00     | \$208.65 | \$208.65       |



234185 Wrangler Rd. SE  
Rocky View, AB T1X 0K2  
www.drbmechanical.com  
403-257-6444

Invoice Number: 53036  
Invoice Date: 08/14/2020  
Invoice Time: 1:20 pm  
R/O: 48817  
Customer: ATLAS  
Warehouse: INVDRB

| Part/Labor    | Description/Reference       | Unit of Measure | Quantity | Price      | Extended Price |
|---------------|-----------------------------|-----------------|----------|------------|----------------|
| R23525566     | CYLINDER HEAD/RK8315        | EA              | 1.00     | \$3,805.24 | \$3,805.24     |
| R23525566-C   | CYLINDER HEAD (CORE)/RK8315 | RET EA          | -1.00    | \$2,289.30 | (\$2,289.30)   |
| R23525566-C   | CYLINDER HEAD (CORE)/RK8315 | CHG EA          | 1.00     | \$2,289.30 | \$2,289.30     |
| R23532577     | OVERHAUL KIT/RK8315         | EA              | 1.00     | \$4,593.20 | \$4,593.20     |
| R23532577-C   | OVERHAUL KIT (CORE)/RK8315  | RET EA          | -1.00    | \$468.00   | (\$468.00)     |
| R23532577-C   | OVERHAUL KIT (CORE)/RK8315  | CHG EA          | 1.00     | \$468.00   | \$468.00       |
| R23537686     | F/PUMP/RK8315               | EA              | 1.00     | \$454.15   | \$454.15       |
| R23537686-C   | F/PUMP/RK8315               | RET EA          | -1.00    | \$62.40    | (\$62.40)      |
| R23537686-C   | F/PUMP (CORE)/RK8315        | CHG EA          | 1.00     | \$62.40    | \$62.40        |
| R23539929     | WATER PUMP/RK8315           | EA              | 1.00     | \$785.47   | \$785.47       |
| R23539929-C   | WATER PUMP (CORE)/RK8315    | RET EA          | -1.00    | \$253.50   | (\$253.50)     |
| R23539929-C   | WATER PUMP (CORE)/RK8315    | CHG EA          | 1.00     | \$253.50   | \$253.50       |
| R5237650S     | INJECTOR/RK8315             | EA              | 6.00     | \$611.38   | \$3,668.28     |
| R5237650S-C   | INJECTOR/RK8315             | RET EA          | -6.00    | \$384.15   | (\$2,304.90)   |
| R5237650S-C   | INJECTOR (CORE)/RK8315      | CHG EA          | 6.00     | \$384.15   | \$2,304.90     |
| SP457A-SPRAY  | BLUE S60 PAINT/CP580113     | EA              | 2.00     | \$41.07    | \$82.14        |
| Labor Summary |                             |                 | 60.00    | \$119.50   | \$7,170.00     |

|                |              |
|----------------|--------------|
| Job Subtotals  |              |
| Parts:         | \$17,004.70  |
| Core Charges:  | \$5,586.75   |
| Core Returns:  | (\$5,586.75) |
| Labor:         | \$7,170.00   |
| Miscellaneous: | \$0.00       |
| Shop Supplies: | \$350.00     |
| EPA Charge:    | \$0.00       |
| Job Subtotals  | \$24,524.70  |

Job: 2    Dept: SERVICE    MISC HOSES    R & R FUEL RETURN LINE AT REAR OF CYLINDER HEAD.

Complaint: LEAKING.

Correction: 130 REMOVED FUEL HOSE FROM BACK OF CYLINDER HEAD TO RETURN T BELOW CAB. REMOVED RE-USEABLE ENDS FROM HOSE AND CUT NEW HOSE TO PROPER SIZE. INSTALLED ENDS AND INSTALLED HOSE ON UNIT. RAN AND CHECKED FOR LEAKS AND ALL OK NOW.

| Part/Labor    | Description/Reference                  | Unit of Measure | Quantity | Price    | Extended Price |
|---------------|----------------------------------------|-----------------|----------|----------|----------------|
| HR56          | #6 5/16" HYDRAULIC HOSE (5/16" ID) PER | EA              | 2.00     | \$5.32   | \$10.64        |
| Labor Summary |                                        |                 | 1.00     | \$119.50 | \$119.50       |



234185 Wrangler Rd. SE  
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Invoice Number: 53036  
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Invoice Time: 1:20 pm  
R/O: 48817  
Customer: ATLAS  
Warehouse: INVDRB

|                |          |
|----------------|----------|
| Job Subtotals  |          |
| Parts:         | \$10.64  |
| Core Charges:  | \$0.00   |
| Core Returns:  | \$0.00   |
| Labor:         | \$119.50 |
| Miscellaneous: | \$0.00   |
| Shop Supplies: | \$0.00   |
| EPA Charge:    | \$0.00   |
| Job Subtotals  | \$130.14 |

*Detail Tax Information*

\$1,232.74 GST SALES TAX

Payment Terms: Due Upon Receipt

Sale Type: CASH ACCOUNT

AUTHORIZED BY:

|                             |                    |
|-----------------------------|--------------------|
| Total Parts:                | \$17,015.34        |
| Total Core Charges:         | \$5,586.75         |
| Total Core Returns:         | (\$5,586.75)       |
| Total Labor:                | \$7,289.50         |
| Total Miscellaneous:        | \$0.00             |
| Total Shop Supplies:        | \$350.00           |
| Total Environmental Charge: | \$0.00             |
| Invoice Subtotal:           | \$24,654.84        |
| Total Tax:                  | \$1,232.74         |
| <b>Invoice Total:</b>       | <b>\$25,887.58</b> |

DATE:

SIGNATURE:

\*\*\* ALL CASH ACCOUNTS ARE DUE UPON RECEIPT.\*\*\*

ALL INVOICES ON ACCOUNT ARE TO BE PAID NET 30 DAYS OF SERVICE. INTEREST WILL BE CHARGED AT 24% PER ANNUM ON ALL OVERDUE ACCOUNTS.

GST# 13931 1146 RT0001