

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number | Last Meter |
|------|-------|---------------|---------------------------|------------------|------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        | 14551      |

| Workscope | Extended Price |
|-----------|----------------|
|-----------|----------------|

## Replace - Harness - Machine

### Customer complaint:

the machine had a machine harness failure.

### Resultant damage:

the machine had a failed machine harness.

### Cause of failure:

the coating on the machine harnesses had deteriorated causing the wiring to short out.

### Repair process comments:

The customer brought the machine and the harness to the shop to be repaired. The machine was power washed and brought into the shop. I removed shields to access the machine harness and began to remove the machine harness and mark the harness plugs. I removed the failed harness in pieces and began to install the new harness into the machine. I found the engine ecm plug would not fit through the frame rail. I identified the machine harness wires and removed them from the plug to allow the harness to route through the frame rail. I installed the wires back into the plug and connected the machine harness to the engine ecm. I routed the harness through the frame rail to the valve body. I installed the plugs into the hydraulic valve body and found that the new harness did not have all of the required plugs. I checked the supplied harness part number to the machine serial number and found the harness did not fall under the serial number break. I ordered the correct harness and removed the incorrect harness from the machine and packaged for return. I installed the correct harness and secured into place. I identified multiple harnesses that required replacing do to damaged harness coating. I ordered and replaced the hydraulic pump controller harness, the boom harness and the swing brake harness. I operated the machine and found that all functions operated properly and I returned the machine back into service.

### Parts

|    |         |            |
|----|---------|------------|
| 50 | 7K1181  | TIE        |
| 1  | 2418332 | HARNESS AS |
| 50 | 7K1181  | TIE        |
| 1  | 1864617 | HARNESS AS |
| 1  | 1933494 | HARNESS A  |
| 1  | 2040008 | HARNESS AS |

### Labor

Flat Rate Labor

### Miscellaneous

|   |     |
|---|-----|
| 1 | FRT |
| 1 | FRT |
| 1 | FRT |
| 1 | FRT |
| 1 | FRT |

-----  
Total Segment Parts  
Total Segment Labor  
Total Segment Miscellaneous

**Segment Total 6,255.19**  
-----

Continued on back

Invoice Date

11/23/2020

Page 2 of 2

Workscope

Extended Price

### Replace - Hydraulic Hoses/Lines

**Customer complaint:**

the customer requested hydraulic hoses be replaced.

**Resultant damage:**

maintenance

**Cause of failure:**

maintenance

**Repair process comments:**

I inspected the machine and identified the hoses that needed replaced. Customer had the 4 hoses. When I received the new hoses, I removed the damaged hoses and installed the new hoses. I operated the machine and verified the hydraulic oil level and returned the machine back into service.

**Labor**

Flat Rate Labor

.....  
Total Segment Parts

Total Segment Labor

Total Segment Miscellaneous

**Segment Total**  
.....

.....  
Total Invoice Parts

Total Invoice Labor

Total Invoice Miscellaneous

Total Tax  
.....

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description          | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|----------------------|------------|------------|----------|----------------|
| 1   | PC   | 2331034     | HARNESS AS           | No         |            |          |                |
|     |      | FTI_AUTO    | Freight In/Emerg Chg |            |            |          |                |
|     |      | FTO         | Freight Out          |            |            |          |                |

Total Misc. Charges:

\*\* Items not shown are backordered \*\*

|             |          |
|-------------|----------|
| Total Sale: | 2,365.04 |
| Sales Tax:  |          |

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description          | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|----------------------|------------|------------|----------|----------------|
| 1   | PC   | 3237898     | VALVE GP-PRI         | Yes        | 885.40     | 0%       |                |
|     |      | FTI_AUTO    | Freight In/Emerg Chg |            |            |          |                |

Total Misc. Charges: 166.09

\*\* Items not shown are backordered \*\*

Total Sale: 1,007.49

Sales Tax:

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | D5M   | 6GN01849      |                           | EQN046511        |

| Qty | Unit | Part Number | Description     | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|-----------------|------------|------------|----------|----------------|
| 1   | PC   | 0R7670      | PUMP GP         | Yes        | 1,494.87   | 0%       |                |
| 1   | PC   | 0R7670CC    | PUMP GP-CoreChg | Yes        | 804.92     | 0%       |                |

\*\* Items not shown are backordered \*\*

|             |          |
|-------------|----------|
| Total Sale: | 2,299.79 |
| Sales Tax:  |          |

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|-------------|------------|------------|----------|----------------|
| 4   | PC   | 1P3703      | SEAL        | No         |            |          |                |
| 1   | PC   | 1875959     | HOSE AS     | No         |            |          |                |
| 1   | PC   | 1875955     | HOSE A      | No         |            |          |                |

\*\* Items not shown are backordered \*\*

Notes:  
Forward via ASAP !!!!!!!

Total Sale: 556.58  
Sales Tax:

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description  | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|--------------|------------|------------|----------|----------------|
| 1   | PC   | 1764179     | GAGE-O LEVEL | Yes        |            |          |                |

\*\* Items not shown are backordered \*\*

|             |       |
|-------------|-------|
| Total Sale: | 54.84 |
| Sales Tax:  |       |

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|-------------|------------|------------|----------|----------------|
| 1   | PC   | 518670      | FILTER A    | Yes        |            |          |                |
| 1   | PC   | 0937521     | ELEMENT     | Yes        |            |          |                |
|     |      | FTO_AUTO    | Freight Out |            |            |          |                |

Total Misc. Charges:

\*\* Items not shown are backordered \*\*

|             |       |
|-------------|-------|
| Total Sale: | 92.76 |
| Sales Tax:  | 0.00  |



| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description          | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|----------------------|------------|------------|----------|----------------|
| 1   | PC   | 8T6404      | SEAL-O-RING          | No         |            |          |                |
| 5   | PC   | 3K0360      | SEAL                 | No         |            |          |                |
| 2   | PC   | 6V8398      | SEAL O RING          | No         |            |          |                |
| 2   | PC   | 1P3702      | SEAL                 | No         |            |          |                |
| 2   | PC   | 5H5672      | RING                 | No         |            |          |                |
|     |      | FTI_AUTO    | Freight In/Emerg Chg |            |            |          |                |

\*\* Items not shown are backordered \*\*

Total Misc. Charges:

|             |        |
|-------------|--------|
| Total Sale: | 134.81 |
| Sales Tax:  |        |

| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
|------|-------|---------------|---------------------------|------------------|
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description          | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|----------------------|------------|------------|----------|----------------|
| 1   | PC   | 518670      | FILTER A             | Yes        |            |          |                |
| 1   | PC   | 0937521     | ELEMENT              | Yes        |            |          |                |
| 1   | PC   | 1799806     | ELEMENT              | Yes        |            |          |                |
| 1   | PC   | 0951681     | O-RING               | No         |            |          |                |
|     |      | FTI_AUTO    | Freight In/Emerg Chg |            |            |          |                |

Total Misc. Charges:

\*\* Items not shown are backordered \*\*

Total Sale:  
Sales Tax:

481.44

|      |       |               |                           |                  |
|------|-------|---------------|---------------------------|------------------|
| Make | Model | Serial Number | Customer Equipment Number | Equipment Number |
| AA   | 325CL | CRB01125      |                           | EQN017237        |

| Qty | Unit | Part Number | Description          | Returnable | Unit Price | Discount | Extended Price |
|-----|------|-------------|----------------------|------------|------------|----------|----------------|
| 1   | PC   | 10R2510     | MOTOR GP HYD         | No         |            |          |                |
| 1   | PC   | 10R2510CC   | MOTOR GP HYD-CoreChg | No         |            |          |                |

\*\* Items not shown are backordered \*\*

|             |          |
|-------------|----------|
| Total Sale: | 8,449.99 |
| Sales Tax:  |          |