NC MACHINERY CAT

NC Machinery
PO Box 58201
Tukwila, WA 98138-1201
WA - (425) 251-5800 | AK - (907) 786-7500

# SERVICE INVOICE

| Invoice Number | Invoice Date | Customer Number |
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| MVWO0070618 | 05/31/2022 | 0106090 |
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| Use this Enrollment Code: | | SDM KGR RMH |

**SOLD TO**

| Document Number | Doc Date | Customer Number | Model | Customer Equipment No. |
|---|---|---|---|---|
| MV47448 | 03/22/2022 | 0106090 | C-15 | |
| Make | Machine ID | Serial Number | Meter Reading | Ship Via |
| AA | | 0MXS93564 | 815781.0 | |

| Quantity | Item | N/R | Description | Stocked | Unit Price | Extended Price |
|---|---|---|---|---|---|---|

C15 RECONDITION
RECONDITION ENGINE

**CUSTOMER CONCERN**
5/13/22 TECH:3997RECONDITION ENGINE.

**CAUSE OF FAILURE**
5/13/22 TECH:3997 NO MAJOR FAILURE, HIGH MILES/HOURS.

**RESULTANT DAMAGE**
5/13/22 TECH:3997BROKEN #1 COMPRESSION RING ON 1 AND 6

**REPAIR COMMENTS**
5/13/22 TECH:3997WASHED ENGINE OFF AND BROUGHT TRUCK INTO THE SHOP. DISASSEMBLED ENGINE DOWN TO THE BOCK. REMOVED THE WATER PUMP AND OIL COOLER. DISSEMBLED THE LINES AND TUBES FROM THE BRAKE SAVER. REMOVED THE OIL PAN AND CLEANED PARTS. CLEANED AND PREPPED BLOCK. REMOVED ALL GASKETS AND RE SEALED COVERS ON THE EXTERIOR OF THE BLOCK. REMOVED BLOCK PLUGS AND CLEANED BORES. WIRE WHEELED THE SIDE OF THE BLOCK, PRIMED AND PAINTED. FLAT FILED THE DECK AND WIRE WHEELED THE DECK. EPOXIED THE LOWER RECEIVING BORES, AND REPAIRED THE SEALING SURFACES OF THE WATER GROMMETS. CLEANED AND PREPPED BLOCK AFTER EPOXY. ROLLED MAIN BEARINGS OUT AND POLISHED CRANK. ROLLED NEW MAIN BEARINGS IN AND TORQUED TO SPEC. INSTALLED BARE LINERS. INSTALLED SHIM GASKET. GLASS BEAD BLASTED SPACER PLATE AND INSTALLED ON ENGINE. CHECKED LINER PROJECTION. REMOVED BARE LINERS AND INSTALLED O RINGS AND SEALS, SET LINERS. INSTALLED PISTONS AND CONNECTING ROD BEARINGS. TORQUED TO SPEC. INSTALLED PISTON COOLING JETS, TORQUED TO SPEC. CLEANED NEW CYLINDER HEAD OF GREASE. PREPPED SURFACES. INSTALLED WATER GROMMETS AND ORINGS. POLISHED CAMSHAFT. INSTALLED IN HEAD AND SWAPPED OVER SENSORS. INSTALLED CYLINDER HEAD AND TORQUED TO SPEC. INSTALLED WATER PUMP. INSTALLED OIL COOLER. INSTALLED BRACKETS AND EXHAUST MANIFOLD. INSTALLED TURBOS, LINES AND PIPPING. FINISHED INSTALLING TURBO COMPONENTS. INSTALLED WIRING

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| HARNESS. CLEANED ROCKER ASSEMBLIES AND INSTALLED, CLEANED VVA'S AND TORQUED EVERYTHING TO SPEC, INSTLALED INJECTORS, RAN OVERHEAD AND ADJUSTED TO SPEC. INSTALLED CAM GEAR AND SET BACK LASH. INSTALLED OIL PICK UP AND BRAKE SAVER PARTS. INSTALLED OIL PAN AND FINISHED LINES. FILLED WITH OIL. CHANGED FILTERS AND PRIMMED. FILLED ENGINE WITH COOLANT AND REPLACED WIRE LOOM. TIDIED UP WIRING AND ZIP TIED IN PLACE. FINISHED ASSEMBLY. UPDATED INJECTOR TRIM FILES AND STARTED TRUCK. RUNS GOOD. CHECKED FOR LEAKS, NO LEAKS. RAN FOR A BIT, SHUT DOWN AND CHECKED FLUIDS, TOPPED FLUIDS OFF AND RAN AGIAN. PULLED TRUCK OUT AND TEST DROVE, GETTING IT HOT AND LOADING IT DOWN. ENGINE REACHED TEMP OF 165 BUT COULD NOT GET ANY WARMER IN YARD. PERFORMED THIS TWICE AND PARKED TRUCK, CHECKED OVER EVERYTHING.AFTER RUNNING TRUCK AND LOADING IF DOWN AND GETTING TO FULL OPERATION TEMP, FLUIDS NEED TO BE CHECKED AND TOPPED OFF. | | | | | | |
| 1 | 0R-3344 | | CORE GP OIL | N | 1,893.73 | 1,893.73 |
| 1 | | | CORE CHARGE | N | 859.44 | 859.44 |
| -1 | | | CORE RETURN | N | 859.44 | -859.44 |
| 1 | | | CORE CHARGE | S | 1,145.82 | 1,145.82 |
| -1 | | | CORE RETURN | S | 1,145.82 | -1,145.82 |
| 1 | 0U-0000 | | U/C BUY BACK | N | 0.02 | 0.02 |
| -1 | 0U-0000 | | U/C BUY BACK | N | 4,372.04 | -4,372.04 |
| 1 | 1R-0749 | | FILTER AS FU | S | 22.17 | 22.17 |
| 1 | 1R-1808 | | FILTER AS-LU | S | 35.33 | 35.33 |
| 17 | 2N-2766 | | LOCK NUT | S | 6.06 | 103.02 |
| 8 | 2N-9288 | | STUD | S | 15.66 | 125.28 |
| 1 | 3D-2824 | | SEAL O RING | S | 1.66 | 1.66 |
| 24 | 3E-6772 | | SEAL | S | 3.30 | 79.20 |
| 7 | 3K-0360 | | SEAL | S | 1.21 | 8.47 |
| 1 | 3K-7346 | | SPRING | N | 15.22 | 15.22 |
| 2 | 3S-9643 | | SEAL | S | 13.32 | 26.64 |
| 1 | 4F-7390 | | RING | S | 4.25 | 4.25 |
| 1 | 4L-9564 | | SEAL O RIN | S | 5.18 | 5.18 |
| 1 | 4N-1156 | | GASKET | S | 1.91 | 1.91 |
| 1 | 5E-8771 | | O RING | S | 20.16 | 20.16 |
| 2 | 5P-0840 | | SEAL-O-RING | S | 5.12 | 10.24 |
| 3 | 5P-5678 | | M SEAL STK | S | 15.35 | 46.05 |
| 1 | 5P-7814 | | SEAL | S | 3.71 | 3.71 |
| 1 | 6V-0218 | | GASKET KIT | N | 137.22 | 137.22 |
| 1 | 6V-1197 | | SEAL | N | 20.95 | 20.95 |
| 1 | 6V-3251 | | SEAL O RING | S | 1.24 | 1.24 |
| 3 | 6V-3348 | | SEAL | N | 8.17 | 24.51 |
| 1 | 6V-3831 | | SEAL O RING | S | 18.45 | 18.45 |
| 5 | 6V-5048 | | SEAL-O-RING | S | 3.58 | 17.90 |
| 3 | 6V-5759 | | SEAL-O-RING | N | 4.79 | 14.37 |
| 3 | 6V-6353 | | SEAL O RING | S | 21.15 | 63.45 |
| 3 | 6V-6609 | | SEAL | S | 1.18 | 3.54 |
| 3 | 6V-9027 | | SEAL-O-RING | S | 0.93 | 2.79 |
| 2 | 7W-7071 | | GASKET | S | 5.19 | 10.38 |
| 2 | 8C-5230 | | SEAL O RING | S | 15.67 | 31.34 |

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| 2 | 8J-4351 | | SEAL-O-RING | S | 11.32 | 22.64 |
| 12 | 8L-2777 | | O RING | S | 4.29 | 51.48 |
| 5 | 8L-2786 | | O RING | S | 4.95 | 24.75 |
| 6 | 8S-9191 | | BOLT | S | 1.50 | 9.00 |
| 1 | 8T-5917 | | SEAL-O-RING | S | 1.81 | 1.81 |
| 1 | 9L-1658 | | STUD | S | 11.21 | 11.21 |
| 2 | 9L-6910 | | GASKET | S | 3.18 | 6.36 |
| 1 | 9M-0853 | | PLUNGER | N | 22.70 | 22.70 |
| 6 | 9X-7430 | | SEAL O RING | S | 4.71 | 28.26 |
| 2 | 9X-7432 | | SEAL O RING | N | 8.85 | 17.70 |
| 2 | 9Y-1375 | | RING | S | 7.95 | 15.90 |
| 1 | 10R-0428 | | PUMP GP OIL | N | 824.99 | 824.99 |
| 1 | | | CORE CHARGE | N | 1,375.01 | 1,375.01 |
| -1 | | | CORE RETURN | N | 1,375.01 | -1,375.01 |
| 1 | 10R-1888 | | TURBO GP | N | 3,114.72 | 3,114.72 |
| 1 | | | CORE CHARGE | N | 1,628.61 | 1,628.61 |
| -1 | | | CORE RETURN | N | 1,628.61 | -1,628.61 |
| 1 | 10R-2407 | | TURBO GP BAS | S | 2,220.72 | 2,220.72 |
| 1 | | | CORE CHARGE | S | 1,161.12 | 1,161.12 |
| -1 | | | CORE RETURN | S | 1,161.12 | -1,161.12 |
| 6 | 10R-3304 | | CYL PACK | N | 681.50 | 4,089.00 |
| 6 | | | CORE CHARGE | N | 321.51 | 1,929.06 |
| -6 | | | CORE RETURN | N | 321.51 | -1,929.06 |
| 1 | 10R-8660 | | PUMP WATER | N | 800.43 | 800.43 |
| 1 | | | CORE CHARGE | N | 727.67 | 727.67 |
| -1 | | | CORE RETURN | N | 727.67 | -727.67 |
| 1 | 101-3125 | | GASKET | S | 6.34 | 6.34 |
| 11 | 106-1792 | | STUD TAPER | S | 12.56 | 138.16 |
| 1 | 106-1793 | | STUD | S | 11.01 | 11.01 |
| 6 | 109-0072 | | SEAL O RING | S | 7.02 | 42.12 |
| 4 | 109-0076 | | SEAL O RING | S | 8.39 | 33.56 |
| 8 | 109-0078 | | SEAL O RING | S | 6.29 | 50.32 |
| 2 | 112-1102 | | SEAL O RING | N | 9.91 | 19.82 |
| 12 | 112-3102 | | SEAL O RING | N | 5.22 | 62.64 |
| 3 | 114-2687 | | SEAL-O-RING | S | 4.59 | 13.77 |
| 1 | 117-8801 | | SEAL O RING | S | 21.72 | 21.72 |
| 7 | 118-5068 | | SEAL O RING | S | 2.33 | 16.31 |
| 10 | 124-1854 | | BOLT 12PT | S | 19.81 | 198.10 |
| 16 | 124-1855 | | BOLT 12PT | S | 18.00 | 288.00 |
| 2 | 126-4935 | | SEAL | N | 11.09 | 22.18 |
| 1 | 139-3550 | | GASKET-REGUL | S | 4.81 | 4.81 |
| 1 | 142-2329 | | SEAL-DRAINBA | S | 16.33 | 16.33 |
| 18 | 149-7378 | | GROMMET | S | 5.67 | 102.06 |
| 1 | 160-7037 | | SEAL-INTEGRA | S | 10.40 | 10.40 |
| 1 | 160-7271 | | SEAL-PRESS I | S | 42.99 | 42.99 |
| 2 | 163-4565 | | SEAL-O-RING | S | 3.19 | 6.38 |
| 6 | 165-6170 | | PLUG | S | 7.72 | 46.32 |
| 12 | 166-2904 | | SEAL-O-RING- | S | 12.60 | 151.20 |
| 4 | 197-8418 | | GASKET | S | 2.77 | 11.08 |
| 4 | 197-8419 | | GASKET | S | 2.95 | 11.80 |
| 1 | 20R-2647 | | HEAD GP CYL | N | 4,304.89 | 4,304.89 |
| 1 | | | CORE CHARGE | N | 4,241.69 | 4,241.69 |
| -1 | | | CORE RETURN | N | 4,241.69 | -4,241.69 |
| 2 | 203-3940 | | SEAL-O-RING | S | 2.22 | 4.44 |
| 1 | 210-9246 | | SEAL-O-RING | S | 8.60 | 8.60 |
| 2 | 214-7566 | | SEAL-O-RING | S | 3.75 | 7.50 |

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| 16 | 214-7568 | | SEAL-O RING | S | 4.20 | 67.20 |
| 1 | 223-5665 | | JOINT-EXPANS | S | 285.30 | 285.30 |
| 1 | 223-9257 | | HOSE | N | 10.92 | 10.92 |
| 3 | 224-5126 | | BOLT-12 POIN | N | 19.09 | 57.27 |
| 2 | 225-3102 | | GASKET | N | 37.83 | 75.66 |
| 1 | 227-1204 | | GASKET | S | 62.10 | 62.10 |
| 2 | 233-8014 | | SEAL | S | 15.16 | 30.32 |
| 1 | 233-8015 | | RING-BACKUP | S | 6.45 | 6.45 |
| 6 | 238-5079 | | SEAL-O-RING | S | 3.55 | 21.30 |
| 4 | 238-5081 | | SEAL-O-RING | S | 5.57 | 22.28 |
| 11 | 238-8648 | | CAT ELC | S | 14.60 | 160.60 |
| 3 | 242-9537 | | SEAL | S | 49.19 | 147.57 |
| 1 | 243-6718 | | BEARING KIT- | N | 452.37 | 452.37 |
| 2 | 246-6036 | | HOSE | S | 20.62 | 41.24 |
| 2 | 247-7133 | | REGULATOR-TE | S | 51.11 | 102.22 |
| 6 | 248-1394 | | KIT-GASKET-S | S | 19.36 | 116.16 |
| 6 | 249-0709 | | INJECTOR GP- | N | 893.77 | 5,362.62 |
| 1 | 256-8753 | | FILTER AS SE | S | 25.86 | 25.86 |
| 6 | 261-3450 | | BEARING-ROD | S | 37.22 | 223.32 |
| 1 | 272-0390 | | SEAL | S | 101.49 | 101.49 |
| 1 | 272-2583 | | SEAL-O-RING | S | 11.04 | 11.04 |
| 2 | 274-6851 | | GASKET-TURBO | N | 25.30 | 50.60 |
| 6 | 281-8261 | | SLEEVE AS.-E | S | 25.40 | 152.40 |
| 6 | 282-3731 | | SPACER AS | N | 12.48 | 74.88 |
| 4 | 284-3502 | | CLAMP-BAND | S | 4.60 | 18.40 |
| 12 | 297-1813 | | SCREW-HEAD | N | 3.12 | 37.44 |
| 9 | 304-9553 | | STUD-6 PT HD | S | 63.63 | 572.67 |
| 4 | 313-9550 | | STUD-TAPERLO | N | 23.19 | 92.76 |
| 1 | 317-8766 | | BEARING - MA | S | 58.78 | 58.78 |
| 1 | 356-1385 | | KIT GASKET | N | 426.81 | 426.81 |
| 20 | 391-2167 | | LOCKNUT-FLAN | S | 7.78 | 155.60 |
| 1 | 458-9582 | | PRIMER YELLOW AERO | S | 11.09 | 11.09 |
| 1 | 571-9902 | | GASKET AS KT | S | 206.99 | 206.99 |
| 2 | 5153975 | | CAT DEO-ULS 15W-40 | S | 89.98 | 179.96 |
| | | | | TOTAL PARTS | SEG. 0 | 24,712.53 |
| | | | | | F/R | 10,320.00 |
| 1 | | | INC-UPS-RED | | | 40.00 |
| 1 | | | INC-UPS-RED | | | 40.00 |
| 1 | | | INC-SPK | | | 40.00 |
| 1 | | | INC-SPK | | | 25.00 |
| 1 | | | INC-UPS-RED | | | 40.00 |
| | | | | TOTAL MISC CHGS | SEG. 0 | 185.00 |
| | | | | | **SEGMENT 01 TOTAL** | 35,217.53 |

ADDITIONAL CHARGES EXTENDED WARRANTY PROGRAM
48 MONTH UNLIMITED MILES @ $0 DEDUCTIBLE

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| 1 | | | OPT COVERAGE FEE | | | 5,710.00 |
| | | | | | TOTAL MISC CHGS SEG. 0 | 5,710.00 |
| | | | | | **SEGMENT 02 TOTAL** | 5,710.00 |
| LABOR EXCEEDING TRG | | | | | | |
| | | | | | TOTAL LABOR SEG. 0 | 1,214.10 |
| -1 | | | INVOICE ADJUST | | | -1,214.10 |
| | | | | | TOTAL MISC CHGS SEG. 0 | -1,214.10 |
| | | | | | **SEGMENT 03 TOTAL** | 0.00 |
| | | | | | CONSUMABLES | 600.00 |
| | | | | | ENVIROMENTAL FEE | 346.02 |
| | | | | | MOUNT VERNON TAX | 3,684.87 |
| | | | | | USD | 45,558.42 |

This Service is subject to all terms and conditions set forth in the NC Machinery Co. Work Authorization, including LIMITED WARRANTY AND RELEASE and EXCLUSION OF LIABILITY set forth on the authorization.

**TERMS: ALL PARTS AND SERVICE INVOICES ARE DUE THE 10TH OF THE MONTH FOLLOWING THE DATE OF PURCHASE.**

Each payment or sum past due shall bear a late payment of 1.5% per month (APR 18%) or an amount not to exceed the highest rate permitted by law.

CAT

| | |
|---|---|
| **Pay this Amount** | **$45,558.42** |
| **Amount Credit** | |

*Please send remittance to PO Box 58201 Tukwila, WA 98138-1201.*

Merchandise cannot be returned for credit without our prior approval and only in accordance with our Parts Return Policy. A copy of the policy is available upon request.