

INVOICE DATE 02-03-17

REPAIR ORDER NUMBER  
>>>> HR21837 <<<<

OPEN 01-09-17  
SVC WTR JM \*GP

SERIAL NO. 1XKDD09X56J149615  
YEAR/MAKE/MODEL - 2006 KENWORTH  
ENGINE/MODEL/SERL ISM 35141513  
TRNS/MODEL/SERL -  
RXLS MODEL/SERL -  
SELL DLR

UNIT NO. 22

MILEAGE 594575  
LICENSE  
CPL/ARRG  
R RATIO  
TAG #  
DEL MILE

DEL DATE

1 COOLANT LEAK WHITE SMOKES

CAUSE: COOLANT LEAK WHITE SMOKES

CORRECTION: DRAINED COOLANT. REMOVED EGR PLUMBING AND WIRING, EGR COOLER. TESTED EGR COOLER-OK. REMOVED TURBO, EXHAUST, EXHAUST MANIFOLD. FOUND NUMBER 1,2,AND 3 CYLINDERS WET. REMOVED VALVE COVERS, KNOCKER ARM ASSNS, INJECTORS, WIRING, COOLANT LINES, INTAKE BREATHER ASSN, AIR BREATHER. DISCONNECTED FUEL LINES. REMOVED HEAD, #3 AND #4 CYLINDER LINES GOT ALOT OF WARE. HEAD IS CRACKED AT #2 AND #3. ENGINE NEEDS REBUILT. CUSTOMER OK IT. DRAINED OIL. REMOVED ALL PISTONS, RODS, LINES, AND MAIN BEARINGS. CLEANED UP ENGINE BLOCK. ROLLED IN NEW MAIN BEARINGS. PUT ALL PISTONS AND RODS TOGETHER. INSTALLED RINGS ON PISTONS. INSTALLED ALL NEW LINES, PISTON AND RODS WITH NEW BEARINGS, NEW HEAD. SWAPPED FUEL AND COOLANT FILTERS FROM OLD TO NEW HEAD. INSTALLED 5 NEW INJECTORS EXCEPT #3 CYLINDER-IT WAS JUST INSTALLED. REPLACED O-RINGS ON IT AND REINSTALLED #3 CYLINDER. INSTALLED KNOCKER ARM ASSN. RAN OVER HEAD. INSTALLED VALVE COVER. HOOKED UP WIRING, COOLANT, AND FUEL LINES. PUT WHAT WAS REMOVED TOGETHER WITH NEW GASKETS, O-RINGS, ALL TORQUED TO SPECS. REMOVED AND REPLACED THERMOSTAT AND SEAL WITH NEW. CHANGED OIL, FUEL, AND COOLANT FILTER WITH NEW. FILLED WITH NEW OIL AND COOLANT. STARTED UNIT. ALL SHOWED GOOD. CHECKED FOR LEAKS-NONE. SHUT OFF. CHECKED OIL AND COOLANT-OK. TEST DROVE. BROUGHT BACK TO SHOP. CHECKED OVER-NO LEAKS AND COOLANT. OIL LEVEL-OK.

CONTINUED

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_

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|      |    |                |           |
|------|----|----------------|-----------|
| SHOP | 1  | 4918787        | KIT,OVERH |
|      | 1  | 2864028RX      | HEAD      |
| SHOP | 6  | 3899450RX      | ROD,CONN  |
|      | 5  | 4902921PX      | INJ, CELE |
|      | 1  | 3883220        | GSK,COV   |
|      | 5  | 4923187        | SCREW,CYL |
|      | 1  | 3070136        | SAL,RNG   |
|      | 1  | 3070137        | SAL,RNG   |
|      | 1  | 3070138        | SAL,RNG   |
|      | 9  | 4965698        | HEX CAP   |
|      | 3  | 3103086        | SCR,CAP   |
|      | 4  | 3049221        | SAL,RNG   |
|      | 1  | 3102392        | GSK,VLV   |
|      | 1  | 3104230        | GASK EGR  |
|      | 1  | 3033915        | SAL,RNG   |
|      | 1  | 186780         | SAL,THM   |
|      | 1  | 4318947        | THERMO    |
|      | 2  | 3058653        | SAL,RNG   |
|      | 10 | 3682826        | SAL,GRM   |
|      | 1  | 3032787        | SAL,RNG   |
|      | 1  | 2191-P554071   | CLNT FLTR |
|      | 1  | 2191-P558000   | FF/WS SPI |
|      | 1  | 82194          | SILICONE  |
|      | 1  | 5839-LF14000NN | LUBE FILT |
|      | 11 | 5839-CC2825    | ES COMPLE |
|      | 1  | 3679-24116     | NO. 24 WO |
|      | 1  | 62032RSJEM     | BEARING   |
|      | 10 | 15W-40         | 15W-40    |

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SALES-CUSTOMER LABOR  
SALES-PARTS-SHOP  
SALES-FUEL/OIL/GRSE  
SALES TAX  
PLEASE PAY THIS TOTAL

\$15,635.47

Customer Signature \_\_\_\_\_ Date \_\_\_\_\_