

CUSTOMER #: Z7370C  
UNIT# 830  
ZIGI /ROYAL FREIGHT INC  
ROYAL 3 FREIGHT  
6850 WEST 63RD ST  
CHICAGO, IL 60638  
HOME:872-800-8639 CONT:973-653-6781  
BUS: 973-653-6781 CELL:973-653-6781

98313CS

INVOICE

PAGE 1



M&K Truck Centers | Chicago Mack  
7900 Bulldog Drive | Summit, IL 60501  
p: 708.594.5151 | f: 708.594.1616  
mktruckcenters.com

REMIT TO ADDRESS  
P.O. BOX 268 - BYRON CENTER, MI 49315

SERVICE ADVISOR: 1023 MIKE SMARSH

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
	22	MACK AN64T	1M1AN4GY5NM023461		428681/428681	T830

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
20APR21	DD18FEB21		11:48 11DEC24		225.00	CHG	11DEC24

R.O. OPENED READY OPTIONS: DLR:5181D

11:49 01OCT24 11:39 11DEC24

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

A 22 point inspection. M&K does not participate in altering/eliminating emission syst/components, reserves the right to refuse to service any vehicle where we deem the emissions syst may have been altered, assumes no responsibility nor warrants repair

C12 22 point inspection. M&K does not participate in altering/eliminating emission syst/components, reserves the right to refuse to service any vehicle where we deem the emissions syst may have been altered, assumes no responsibility nor warrants repair.

9999 IID (N/C)  
PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE A: 0.00  
428681

\*\*\*\*\*

B YELLOW ENGINE SYMBOL LEFT SIDE OF DASH ON CONSTANTLY.  
CAUSE: EGR VALVE FAILED. E-SVC: 1-18409675521.

2931030201 EGR VALVE, REPLACEMENT

1620WMACK (N/C)  
1 24654055 EGR VALVE KIT (N/C)  
CORE CHARGE W (N/C)  
1 FREIGHT 3007835939 (N/C)

CASE# 243788016

1700160301 DIAGNOSTIC TIME

1620WMACK (N/C)

1100010301 SEIZED FASTENER, REMOVE

1620WMACK (N/C)

FC: PART#: 24654055 COUNT: 1

CLAIM TYPE: 1

AUTH CODE:

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE B: 0.00

428681 FREIGHT VOR 1008856139.

CBR: D-293572

ON BEHALF OF SERVICING DEALER, I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREON IS ACCURATE UNLESS OTHERWISE SHOWN. SERVICES DESCRIBED WERE PERFORMED AT NO CHARGE TO OWNER. THERE WAS NO INDICATION FROM THE APPEARANCE OF THE VEHICLE OR OTHERWISE, THAT ANY PART REPAIRED OR REPLACED UNDER THIS CLAIM HAD BEEN CONNECTED IN ANY WAY WITH ANY ACCIDENT, NEGLIGENCE OR MISUSE. RECORDS SUPPORTING THIS CLAIM ARE AVAILABLE FOR (1) YEAR FROM THE DATE OF PAYMENT NOTIFICATION AT THE SERVICING DEALER FOR INSPECTION BY MANUFACTURER'S REPRESENTATIVE.

STATEMENT OF DISCLAIMER

The factory warranty constitutes all of the warranties with respect to the sale of this item/items. The Seller hereby expressly disclaims all warranties either express or implied, including any implied warranty of merchantability or fitness for a particular purpose. Seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

(SIGNED) DEALER, GENERAL MANAGER OR AUTHORIZED PERSON (DATE)

CUSTOMER SIGNATURE

ALL PARTS NEW UNLESS SPECIFIED OTHERWISE.

CUSTOMER COPY

CUSTOMER #: Z7370C  
UNIT# 830  
ZIGI /ROYAL FREIGHT INC  
ROYAL 3 FREIGHT  
6850 WEST 63RD ST  
CHICAGO, IL 60638  
HOME:872-800-8639 CONT:973-653-6781  
BUS: 973-653-6781 CELL:973-653-6781

98313CS

INVOICE

PAGE 2



M&K Truck Centers | Chicago Mack  
7900 Bulldog Drive | Summit, IL 60501  
p: 708.594.5151 | f: 708.594.1616  
mktruckcenters.com

REMIT TO ADDRESS  
P.O. BOX 268 - BYRON CENTER, MI 49315

SERVICE ADVISOR: 1023 MIKE SMARSH

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
	22	MACK AN64T	1M1AN4GY5NM023461		428681/428681	T830

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
20APR21 DD	18FEB21		11:48 11DEC24		225.00	CHG	11DEC24

R.O. OPENED      READY      OPTIONS: DLR:5181D

11:49 01OCT24      11:39 11DEC24

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

1620 CHECK FOR MAL LIGHT. CHECK CBR. TRACE P040100: EGR 1 VALVE  
POSITION FLOW INSUFFICIENT DETECTED. PERFORMED EGR ANALYSIS TEST -  
FAILED FOR EGR VALVE. STARTED E-SERVICE AND REPLACED EGR COOLER AS PER  
REQUEST. PERFORMED EGR TEST AGAIN AFTER EGR COOLER REPLACEMENT - FAILED  
FOR EGR VALVE. UPDATED E-SERVICE. REMOVE EGR DIFF PRESSURE SENSOR. BLOW  
OUT PORTS AND CLEAN SENSOR. REINSTALL SENSOR. REMOVE TURBO. DRAIN  
COOLANT. REMOVE EGR VALVE. HAD TO WORK SEIZED BOLTS BACK AND FORTH TO  
PREVENT BREAKING. INSTALL NEW EGR VALVE AS NEEDED. REASSEMBLE AND FILL  
COOLANT. GET UP TO TEMP. RUN EGR TEST AGAIN - TEST PASSED.  
1087 ROAD TESTED - OK FOR WORK PERFORMED AT THIS TIME.

\*\*\*\*\*

C ROAD TEST WHEN COMPLETE

C45 ROAD TEST WHEN COMPLETE

9999 CP      0.00      0.00      0.00      0.00      0.00  
PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE C: 0.00  
428681

\*\*\*\*\*

D\*\* YELLOW ENGINE SYMBOL LEFT SIDE OF DASH ON CONSTANTLY.

CAUSE: EGR COOLER FAILED. E-SVC: 1-18409675521.

2932030201 EGR COOLER, REPLACEMENT

1620WMACK (N/C)

1087 COSTENARO,GREGORY LIC#: XU89003

WMACK (N/C)

1 21944868 EGR COOLER (N/C)

CORE CHARGE W (N/C)

1 21434720 CONNECTION PIPE (N/C)

2 21844960 SEALING RING (N/C)

1 21693026 V-CLAMP (N/C)

2 967343 O-RING (N/C)

2 1547253 SEALING RING (N/C)

1 21944175 GASKET (N/C)

1 11994 GASKET (N/C)

3 20504408 V-CLAMP (N/C)

1 23491449 GASKET (N/C)

ON BEHALF OF SERVICING DEALER, I HEREBY CERTIFY THAT THE  
INFORMATION CONTAINED HEREON IS ACCURATE UNLESS OTHERWISE  
SHOWN. SERVICES DESCRIBED WERE PERFORMED AT NO CHARGE TO  
OWNER. THERE WAS NO INDICATION FROM THE APPEARANCE OF THE  
VEHICLE OR OTHERWISE, THAT ANY PART REPAIRED OR REPLACED  
UNDER THIS CLAIM HAD BEEN CONNECTED IN ANY WAY WITH ANY  
ACCIDENT, NEGLIGENCE OR MISUSE. RECORDS SUPPORTING THIS  
CLAIM ARE AVAILABLE FOR (1) YEAR FROM THE DATE OF PAYMENT  
NOTIFICATION AT THE SERVICING DEALER FOR INSPECTION BY  
MANUFACTURER'S REPRESENTATIVE.

STATEMENT OF DISCLAIMER

The factory warranty constitutes all  
of the warranties with respect to  
the sale of this item/items. The  
Seller hereby expressly disclaims all  
warranties either express or  
implied, including any implied  
warranty of merchantability or  
fitness for a particular purpose.  
Seller neither assumes nor  
authorizes any other person to  
assume for it any liability in  
connection with the sale of this  
item/items.

DESCRIPTION

TOTALS

LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	

(SIGNED) DEALER, GENERAL MANAGER OR AUTHORIZED PERSON (DATE)

CUSTOMER SIGNATURE

PLEASE PAY  
THIS AMOUNT

ALL PARTS NEW UNLESS SPECIFIED OTHERWISE.

CUSTOMER COPY

CUSTOMER #: Z7370C  
UNIT# 830  
ZIGI /ROYAL FREIGHT INC  
ROYAL 3 FREIGHT  
6850 WEST 63RD ST  
CHICAGO, IL 60638  
HOME:872-800-8639 CONT:973-653-6781  
BUS: 973-653-6781 CELL:973-653-6781

98313CS

INVOICE

PAGE 3



M&K Truck Centers | Chicago Mack  
7900 Bulldog Drive | Summit, IL 60501  
p: 708.594.5151 | f: 708.594.1616  
mktruckcenters.com

SERVICE ADVISOR: 1023 MIKE SMARSH

REMIT TO ADDRESS  
P.O. BOX 268 - BYRON CENTER, MI 49315

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
	22	MACK AN64T	1M1AN4GY5NM023461		428681/428681	T830

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
20APR21	DD18FEB21		11:48 11DEC24		225.00	CHG	11DEC24

R.O. OPENED      READY      OPTIONS:      DLR:5181D

11:49 01OCT24      11:39 11DEC24

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
1	960629	PLUG					(N/C)
1	85152135	INSTALLATION KIT					(N/C)
1	22562951	OIL RETURN PIPE					(N/C)
1	21940615	SEALING RING					(N/C)
1	20707685	PLANE GASKET					(N/C)
10	25164660	CABLE TIE					(N/C)
1	21940615	SEALING RING					(N/C)
2	980881	CABLE TIE					(N/C)
10	25164660	CABLE TIE					(N/C)
1700160301	DIAGNOSTIC TIME						(N/C)
	1620WMACK						(N/C)
FC: PART#: 21944868 COUNT: 1							
CLAIM TYPE: 1							
AUTH CODE:							

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE D: 0.00

428681 EGR VLV FREIGHT VOR 1008856139.

CBR: D-293572

1620 CHECK FOR MAL LIGHT. FOLLOW CBR. TRACE P040100: EGR 1 VALVE  
POSITION FLOW INSUFFICIENT DETECTED. PERFORMED EGR ANALYSIS TEST -  
FAILED FOR EGR VALVE. START E-SERVICE. ADVISED TO REPLACE EGR COOLER.  
REMOVE EGR COOLER. CLEAN ALL SURFACES. INSTALLLL NEW EGR COOLER. TURBO  
DRAIN PIPE HAD TO BE REPLACED - BENT UPON REMOVAL. REASSEMBLE ALL  
COMPONENTS. FILL COOLANT. RESET DATA AND CODES. PULLED TRUCK OUTSIDE.  
PERFORM EGR TEST - FAILED FOR EGR VALVE.

\*\*\*\*\*

E\*\* REMOVE DPF FOR INSPECTION, CHECK FOR PASSING SOOT

99-000-0001 REMOVE DPF FOR INSPECTION, CHECK FOR

PASSING SOOT

1620 CP

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE E: 0.00

428681 TASK DECLINED BY CUSTOMER.

\*\*\*\*\*

F\*\* YELLOW ENGINE SYMBOL LEFT SIDE OF DASH ON CONSTANTLY.

ON BEHALF OF SERVICING DEALER, I HEREBY CERTIFY THAT THE  
INFORMATION CONTAINED HEREON IS ACCURATE UNLESS OTHERWISE  
SHOWN. SERVICES DESCRIBED WERE PERFORMED AT NO CHARGE TO  
OWNER. THERE WAS NO INDICATION FROM THE APPEARANCE OF THE  
VEHICLE OR OTHERWISE, THAT ANY PART REPAIRED OR REPLACED  
UNDER THIS CLAIM HAD BEEN CONNECTED IN ANY WAY WITH ANY  
ACCIDENT, NEGLIGENCE OR MISUSE. RECORDS SUPPORTING THIS  
CLAIM ARE AVAILABLE FOR (1) YEAR FROM THE DATE OF PAYMENT  
NOTIFICATION AT THE SERVICING DEALER FOR INSPECTION BY  
MANUFACTURER'S REPRESENTATIVE.

STATEMENT OF DISCLAIMER

The factory warranty constitutes all  
of the warranties with respect to  
the sale of this item/items. The  
Seller hereby expressly disclaims all  
warranties, either express or  
implied, including any implied  
warranty of merchantability or  
fitness for a particular purpose.  
Seller neither assumes nor  
authorizes any other person to  
assume for it any liability in  
connection with the sale of this  
item/items.

DESCRIPTION	TOTALS
LABOR AMOUNT	
PARTS AMOUNT	
GAS, OIL, LUBE	
SUBLET AMOUNT	
MISC. CHARGES	
TOTAL CHARGES	
LESS INSURANCE	
SALES TAX	
PLEASE PAY THIS AMOUNT	

(SIGNED) DEALER, GENERAL MANAGER OR AUTHORIZED PERSON (DATE)

CUSTOMER SIGNATURE

ALL PARTS NEW UNLESS SPECIFIED OTHERWISE.

CUSTOMER COPY

CUSTOMER #: Z7370C  
UNIT# 830  
ZIGI /ROYAL FREIGHT INC  
ROYAL 3 FREIGHT  
6850 WEST 63RD ST  
CHICAGO, IL 60638  
HOME:872-800-8639 CONT:973-653-6781  
BUS: 973-653-6781 CELL:973-653-6781

98313CS

INVOICE

PAGE 4



M&K Truck Centers | Chicago Mack  
7900 Bulldog Drive | Summit, IL 60501  
p: 708.594.5151 | f: 708.594.1616  
mktruckcenters.com

REMIT TO ADDRESS  
P.O. BOX 268 - BYRON CENTER, MI 49315

SERVICE ADVISOR: 1023 MIKE SMARSH

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
	22	MACK AN64T	1M1AN4GY5NM023461		428681/428681	T830

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
20APR21	DD18FEB21		11:48 11DEC24		225.00	CHG	11DEC24

R.O. OPENED      READY      OPTIONS: DLR:5181D

11:49 01OCT24      11:39 11DEC24

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

CAUSE: BRAKE PRESSURE SENSORS FAILED.

5929030205 PRESSURE SENSOR, REPLACEMENT

1620WMACK

(N/C)

2 22443498 SENSOR

(N/C)

1700160301 DIAGNOSTIC TIME

1620WMACK

(N/C)

FC: PART#: 22443498 COUNT: 2

CLAIM TYPE: 1

AUTH CODE:

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE F: 0.00

428681

1620 10/2/24 CHECK FOR MAL LIGHT. HAS MULTIPLE CODES. TRACE CODES FOR SPN 1067 AND SPN 1049 FOR BRAKE SENSOR 1 AND FOR BRAKE PRESSURE SENSING AXLE 1. FOUND BRAKE PRESSURE SENSORS FAILED. 1620 12/5/24 REMOVED AND REPLACED BOTH BRAKE PRESSURE SENSORS AS NEEDED. CALIBRATE SENSORS AS NEEDED.

\*\*\*\*\*

G\*\* YELLOW ENGINE SYMBOL LEFT SIDE OF DASH ON CONSTANTLY.

CAUSE: 7TH INJECTOR FAILED.

2584030203 AFTERTREATMENT HYDROCARBON DOSER, REPLACEMENT

1620WMACK

(N/C)

1 23937771 INJECTOR

(N/C)

1700160301 DIAGNOSTIC TIME

1620WMACK

(N/C)

1100010301 SEIZED FASTENER, REMOVE

1620WMACK

(N/C)

FC: PART#: 23937771 COUNT: 1

CLAIM TYPE: 1

AUTH CODE:

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE G: 0.00

428681

ON BEHALF OF SERVICING DEALER, I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREON IS ACCURATE UNLESS OTHERWISE SHOWN. SERVICES DESCRIBED WERE PERFORMED AT NO CHARGE TO OWNER. THERE WAS NO INDICATION FROM THE APPEARANCE OF THE VEHICLE OR OTHERWISE, THAT ANY PART REPAIRED OR REPLACED UNDER THIS CLAIM HAD BEEN CONNECTED IN ANY WAY WITH ANY ACCIDENT, NEGLIGENCE OR MISUSE. RECORDS SUPPORTING THIS CLAIM ARE AVAILABLE FOR (1) YEAR FROM THE DATE OF PAYMENT NOTIFICATION AT THE SERVICING DEALER FOR INSPECTION BY MANUFACTURER'S REPRESENTATIVE.

STATEMENT OF DISCLAIMER

The factory warranty constitutes all of the warranties with respect to the sale of this item/items. The Seller hereby expressly disclaims all warranties either express or implied, including any implied warranty of merchantability or fitness for a particular purpose. Seller neither assumes nor authorizes any other person to assume for it any liability in connection with the sale of this item/items.

DESCRIPTION

TOTALS

LABOR AMOUNT

PARTS AMOUNT

GAS, OIL, LUBE

SUBLET AMOUNT

MISC. CHARGES

TOTAL CHARGES

LESS INSURANCE

SALES TAX

PLEASE PAY  
THIS AMOUNT

(SIGNED) DEALER, GENERAL MANAGER OR AUTHORIZED PERSON (DATE)

CUSTOMER SIGNATURE

ALL PARTS NEW UNLESS SPECIFIED OTHERWISE.

CUSTOMER COPY

CUSTOMER #: Z7370C  
UNIT# 830  
ZIGI /ROYAL FREIGHT INC  
ROYAL 3 FREIGHT  
6850 WEST 63RD ST  
CHICAGO, IL 60638  
HOME:872-800-8639 CONT:973-653-6781  
BUS: 973-653-6781 CELL:973-653-6781

98313CS

INVOICE

PAGE 5



M&K Truck Centers | Chicago Mack  
7900 Bulldog Drive | Summit, IL 60501  
p: 708.594.5151 | f: 708.594.1616  
mktruckcenters.com

REMIT TO ADDRESS  
P.O. BOX 268 - BYRON CENTER, MI 49315

SERVICE ADVISOR: 1023 MIKE SMARSH

COLOR	YEAR	MAKE/MODEL	VIN	LICENSE	MILEAGE IN/ OUT	TAG
	22	MACK AN64T	1M1AN4GY5NM023461		428681/428681	T830

DEL DATE	PROD. DATE	WARR. EXP.	PROMISED	PO NO.	RATE	PAYMENT	INV. DATE
20APR21	DD18FEB21		11:48 11DEC24		225.00	CHG	11DEC24

R.O. OPENED      READY      OPTIONS:      DLR:5181D

11:49 01OCT24      11:39 11DEC24

LINE	OPCODE	TECH	TYPE	HOURS	LIST	NET	TOTAL
------	--------	------	------	-------	------	-----	-------

CBR: D-293572

1620 CHECK FOR MAL LIGHT. FOLLOW CBR. TRACE P200200: DPF EFFICIENCY  
BELOW THRESHOLD. T/S AND FOUND 7TH INJECTOR PLUGGED. REPLACE 7TH  
INJECTOR AS NEEDED. HAD TO WORK BOLTS BACK AND FORTH TO PREVENT  
BREAKING. CLEAR CODES. RECHECK - OK.

\*\*\*\*\*

H\*\* SC0472 - Bendix ABS ECU.

CAUSE: C0400.

1700220311 CAMPAIGN, PROGRAMMING  
1859WMACK

(N/C)

FC: PART#: 23103632 COUNT: 0

CLAIM TYPE: 3

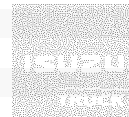
AUTH CODE: C0400

PARTS: 0.00 LABOR: 0.00 OTHER: 0.00 TOTAL LINE H: 0.00

428681 1859 PERFORMED BENDIX UPDATE PER CAMPAIGN AND PRINTED  
CONFIRMATION. CONNECTED WITH TECH TOOL TO CLEAR OUT CODES FROM UPDATE.

\*\*\*\*\*

Thank you for choosing M&K Truck Centers as  
your maintenance provider. We would  
appreciate your feedback regarding how we  
were able to meet your needs. You may  
receive a short emailed survey. Please take  
a moment to respond.



ON BEHALF OF SERVICING DEALER, I HEREBY CERTIFY THAT THE  
INFORMATION CONTAINED HEREON IS ACCURATE UNLESS OTHERWISE  
SHOWN. SERVICES DESCRIBED WERE PERFORMED AT NO CHARGE TO  
OWNER. THERE WAS NO INDICATION FROM THE APPEARANCE OF THE  
VEHICLE OR OTHERWISE, THAT ANY PART REPAIRED OR REPLACED  
UNDER THIS CLAIM HAD BEEN CONNECTED IN ANY WAY WITH ANY  
ACCIDENT, NEGLIGENCE OR MISUSE. RECORDS SUPPORTING THIS  
CLAIM ARE AVAILABLE FOR (1) YEAR FROM THE DATE OF PAYMENT  
NOTIFICATION AT THE SERVICING DEALER FOR INSPECTION BY  
MANUFACTURER'S REPRESENTATIVE.

STATEMENT OF DISCLAIMER

The factory warranty constitutes all  
of the warranties with respect to  
the sale of this item/items. The  
Seller hereby expressly disclaims all  
warranties either express or  
implied, including any implied  
warranty of merchantability or  
fitness for a particular purpose.  
Seller neither assumes nor  
authorizes any other person to  
assume for it any liability in  
connection with the sale of this  
item/items.

DESCRIPTION	TOTALS
LABOR AMOUNT	0.00
PARTS AMOUNT	0.00
GAS, OIL, LUBE	0.00
SUBLET AMOUNT	0.00
MISC. CHARGES	0.00
TOTAL CHARGES	0.00
LESS INSURANCE	0.00
SALES TAX	0.00
PLEASE PAY THIS AMOUNT	0.00

(SIGNED) DEALER, GENERAL MANAGER OR AUTHORIZED PERSON (DATE)

CUSTOMER SIGNATURE

ALL PARTS NEW UNLESS SPECIFIED OTHERWISE.

CUSTOMER COPY