



Computerized

Tire Dealer Information System

703 S. Glover Ave.
Urbana, IL 61802

email jmk@jmktdis.com

Daytime Phone (217) 384-8891

After Hours: (217) 390-8891

FAX (815) 301-8327

Integrated

Document Imaging Service

Section I.....Retail, Commercial, and
Wholesale sales receipts and
related documents

Section II.Tracking Goodyear K-Docs
downloaded electronically from
Tire-HQ website

Section III.Automated Inventory Load,
directly from a scan of the
packing list/invoice

The Problem:

Too much paper to track and find again when needed:

Section I

Front Office

- Retail
 - Alignment Machine Printout
 - Handwritten Work Orders
 - Safety Inspection Form
 - Parts Warranty Cards
 - Part Supplier Invoices
- Commercial
 - Handwritten and Signed Service Repair Tickets
 - Part Supplier Invoice(s)
- Wholesale.
 - Signed Proof of Delivery Receipt
 - Returned Product Authorization Form

Back Office

- Accounts Payable Invoices
 - Parts Vendors Delivery Receipts and Invoices for authorization, proof of delivery, and warranty claims
 - ♦ Credit memo's received from Goodyear and other National Accounts/Purchase Resale/Government Support deliveries.

Section II

Tracking Goodyear K-Docs As Downloaded

Electronically From Tire-HQ Website

Section III

Automated Inventory Receipts Entry

From

Scan of 'Packing List/Invoice'
.PDF file of Packing List/Invoice
.CSV file of Packing List/Invoice

Of

Vendor ID
Vendor Invoice Date
Item ID
Quantity
Cost

Scan and load a vendor's delivery receipt item data, directly into the JMK point of sale system inventory module.

"This feature option turns that multi-hour job into seconds, along with enhanced accuracy and auto create of new item ID setups," said Jim Krakower, director of system development at JMK.

Reduces entry errors in item identification, quantity, purchase cost, and eliminates the tedious but crucial manual data entry process.

Integrates to;

1. Auto create new item ID and/or track to your internal item ID
 - a. J-Library – near 100,000 tire item info database
 - b. J-Alias – suppliers item ID cross referenced to your system
2. Create A/P Back Office Accounting to auto record the vendor debit and G/L entries

The Solution:

JMK Document Imaging Service

Easy three step process

Section I Manual Entry

Step 1:

Storage

For Manual Tickets

- **Scan** original invoice and/or work order with special JMK Bar Code.
Follow original document with supporting documents (as many as desired like hand written service tickets, parts receipts, etc).
System will **automatically** store and index document groups for later recall using embedded **bar code** and **OCR** technologies

For NA / PR / GV

- **Automated** transfer of document image **directly** into the JMK system without printing the original document.

For Receive Stock Vendor Packing list

- **Scan** vendor 'Packing List/Invoice' for automated receipt of inventory **directly** into the JMK system, by software interpretation of the scanned document.

Step 2:

Recall

- From customer invoice listing, simply click on the ticket of interest to display that and all associated documents
- Print, email, rotate, etc and even add additional text messages as needed.

Load Data

- From Vendor 'Packing' list

Step 3:

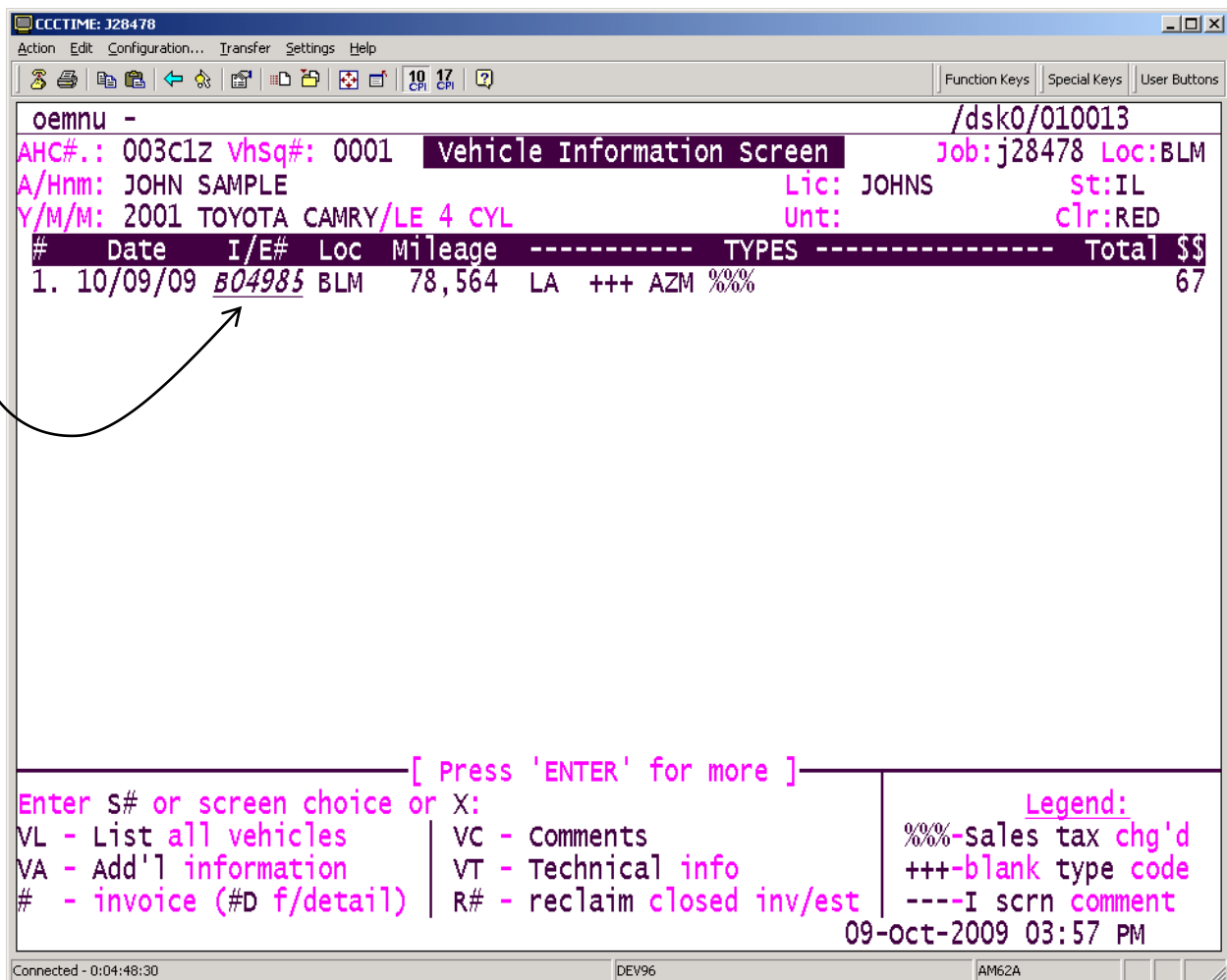
Relax, realizing that you have:

- **Immediate Document Recall**
 - Help to make the next sale by building on detailed information from previous sales
 - Minimal response time to accounting support questions
 - Images accessible from **any** work station at **any** store location on the system
- **Elimination of**
 - Storage of boxes of paper
 - Staff time to file documents and go hunting for the original copy.
 - Staff time to load received stock 'Packing' list into system.
- **Data stored off location**
 - On multiple JMK servers for redundancy
 - No data backup or extra components needed except for the scanner and related software.

I Operation for recalling manually scanned Invoices or Received Stock images

A. On screen tracking

A link to each customers scanned documents is available from various screens within the application, this sample shows a link from the **Vehicle Information Screen** in Order Entry.



oemnu - /dsk0/010013

AHC#.: 003c1Z Vhsq#: 0001 Vehicle Information Screen Job:j28478 Loc:BLM

A/Hnm: JOHN SAMPLE Lic: JOHNS St:IL

Y/M/M: 2001 TOYOTA CAMRY/LE 4 CYL Unt: clr:RED

#	Date	I/E#	Loc	Mileage	-----	TYPES	-----	Total	\$\$
1.	10/09/09	<u>B04983</u>	BLM	78,564	LA	+++	AZM %%%		67

[Press 'ENTER' for more]

Enter S# or screen choice or X:

VL - List all vehicles	VC - Comments	Legend: %%-sales tax chg'd +++-blank type code ---I scrn comment
VA - Add'l information	VT - Technical info	
# - invoice (#D f/detail)	R# - reclaim closed inv/est	

09-Oct-2009 03:57 PM

Connected - 0:04:48:30 DEV96 AM62A

Clicking on this link will bring up the JMK Document Imaging System web page with the scanned documents listed in table format.

B. View list of scanned documents

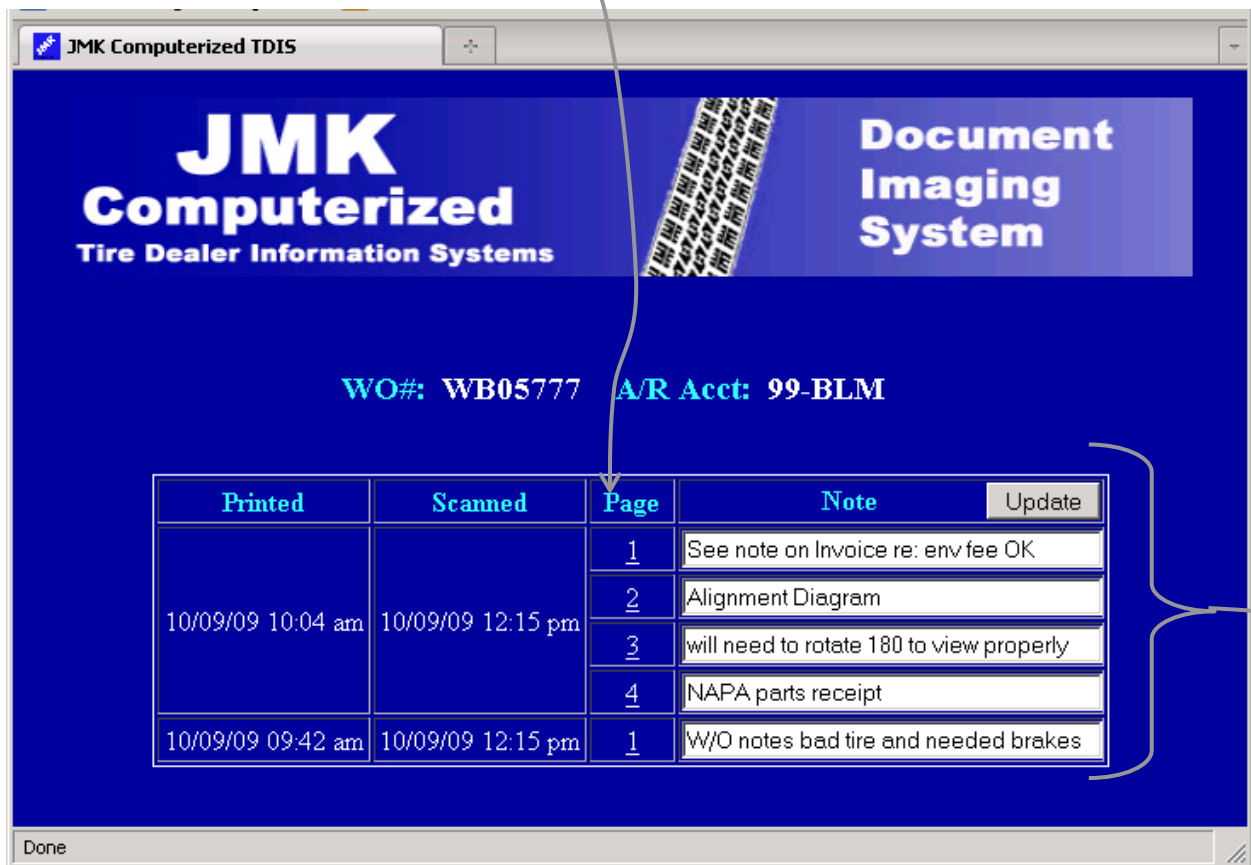
Sample of JMK Document Imaging System Page

In this sample there are two documents:

The first sample document consists of pages 1 through 4

The second sample document has just one page.

Clicking on the page number link will enable the document viewer and load that page for viewing.



Ability to add comments/notes to any scanned image

C. Display scanned documents

Sample **Signed Invoice** as seen in viewer

JMKWB05777A99-BLM0910091004-09100912151.tif - Imaging Preview

File View Page Zoom Help

TIRE WAREHOUSE KAUAI
 3028 AUKELE STREET
 LIHUE, KAUAI, HAWAII 96766
 TELEPHONE:(808) 245-6754
 FAX.....:(808) 245-7838

Store Location J.M.K. TIRE - BLM WOH WB05777 Store Fax (217) 384-8891 Date 10/09/09 Time 10:04 AM
 703 S GLOVER AVE URBANA, IL 61802 Most major brands at low \$\$\$ Page 1
 Manager - John Smith

Inv: B04985 Your P/O # A/R Acct# Terms Ship Via
 Sold-To: JOHN SAMPLE 99-BLM PAY ON RECEIPT Type - Payment
 123 EASY ST. Ship-To: \$ \$ \$
 CHAMPAIGN, IL 61820 Total \$ 0.00

THIS IS TEST LINE 1
 THIS IS TEST LINE 2
 THIS IS TEST LINE 3

217-555-1212 H

Qty	Ship	S/O	Item Number	Description	S/W	PWT	Price	Amount	Unit's
1			SAEY	ALIGN- P/R CAMBER/TOR FOMES/CAS			\$4.95	\$4.95	NRK, KB
4			MO./4,000 MI LIMITED ALIGN MARK UNLESS OTHERWISE NOTED						
Total Service-----								\$4.95	
ENV/SHOP FEE								4.40	
SERVICE MATERIALS								4.40	
TESTING FD RECORD #0								2.75	
Sub-Total								\$66.50	
ILL/BLM, 7.000%								\$0.50	
Total:								\$67.00	
NewPymt:								\$0.00	
Tot DUE:								\$67.00	
PrdPymt:								\$67.00	
Net DUE:								\$0.00	

V/Info: 2004 TOYOTA CAMRY RED
 Lic# JOHNS IL Mil: 78564

NOTE: FEE OK

Received By: *John Sample* SP: MARK SPYDER

Kodak For Help, press F1

Note: Controls on the viewer allow quick and easy display of document details with options to:

- Print
- E-Mail
- Rotate
- Save copies locally

User can **zoom** in on any portion of the image for best visual detail

Sample Work Order as seen in viewer

JMKWB05777D99-BLM0910090942-09100912151-1.tif - Imaging Preview

File View Page Zoom Help

J.M.K. TIRE - BLM

WORK ORDER

Print: 10/09/09 FRI 09:42 AM

W/O #:WB05777 P/O #.: Acct #.:99-BLM Terms.:PAY ON RECEIP

Sld To: JOHN SAMPLE Home: 217-555-1212
123 EASY ST.
CHAMPAIGN, IL 61820

Bin Location	Qty Ord	Qty-To Ship	Part Number	QTY Ship	Description	S-W
	1	1	SAEJ		ALIGN- F/R CAMBER/TOE POSS/CAS	
			(jmk-1/SAEJ) Tech: _____	S-per: _____		

=====

MOUNTING INSTRUCTIONS ==> R- RECYCLE ; T- PUT TIRE IN PLASTIC BAG IN TRUNK
JMK- SAVE FOR JMK; ADJ- SAVE FOR JMK ADJ

*** **

LF * * * R *BAD*

*** **

TIRE - TOLD CUSTOMER.

*** **

LR * * * RR

*** **

Cust Waiting: Y N Time Prom: _____ P

=====

WW / RWL (IN / OUT) WEIGHTS (CLIP / HIDE)

WHEEL/COVER LOCK/KEY: SEAT / GLOVE BOX / TRUNK

=====

REC PERSON: DH (BD) MW CHM

Kodak For Help, press F1 37.10% Page 1 of 1

Note: Partial display to fit onto this page.

Sample of Alignment Sheets as seen in viewer

JKWB05777A99-BLM0910091004-09100912153.tif - Imaging Preview

File View Page Zoom Help

Name
Address
Telephone
Vehicle (VIN)
License
Technician
Mileage
Time Printed 9/28/09 8:35 AM

Toyota : Camry : 2000-01 : 4 cyl.

Front : Left

Actual	Before	Specified Range
-0.7°	-0.7°	-1.4° 0.2°
2.3°	2.3°	1.4° 2.9°
-0.01in	-0.09in	-0.05in 0.05in
13.3°	13.3°	12.3° 13.8°
12.8°	12.6°	11.0° 14.0°

Front : Right

Actual	Before	Specified Range
-0.9°	-0.9°	-1.4° 0.2°
2.2°	2.2°	1.4° 2.9°
0.01in	0.43in	-0.05in 0.05in
13.4°	13.4°	12.3° 13.8°
12.5°	12.5°	11.0° 14.0°

Front

Actual	Before	Specified Range
0.2°	0.2°	-0.8° 0.8°
0.1°	0.1°	-0.8° 0.8°
0.00in	0.35in	-0.10in 0.10in

Rear : Left

Actual	Before	Specified Range
-0.9°	-0.9°	-1.8° 0.1°
0.11in	0.11in	0.05in 0.15in

Rear : Right

Actual	Before	Specified Range
-0.9°	-0.9°	-1.8° 0.1°
0.10in	0.10in	0.05in 0.15in

Rear

Actual	Before	Specified Range

Kodak For Help, press F1 37% Page 1 of 1

Note:
User can **zoom**
in on any
portion of the
image for best
visual detail

Use the scroll
bar on your
browser to see
the whole
document

Sample of Parts Supplier Invoice Receipt as seen in viewer

JKWB05777A99-BLM0910091004-09100912154.tif - Imaging Preview

File View Page Zoom Help

CTL 3315450 ALL GOODS RETURNED MUST BE ACCOMPANIED BY THIS INVOICE

NAPA AUTO PARTS

2201 DISCOWAY DR.
SAVANNAH GA 31406
912-354-9621

THIS LOCATION OWNED AND OPERATED BY BROOKS AUTO PARTS

RECEIVED BY

DATE 9/25/09 INVOICE NO. 259791 STORE NO. 072690 CM 304454

TIME 17:42 PURCHASE ORDER NO. 162710 ATTENTION

INVOICE TYPE: CHARGE SALE

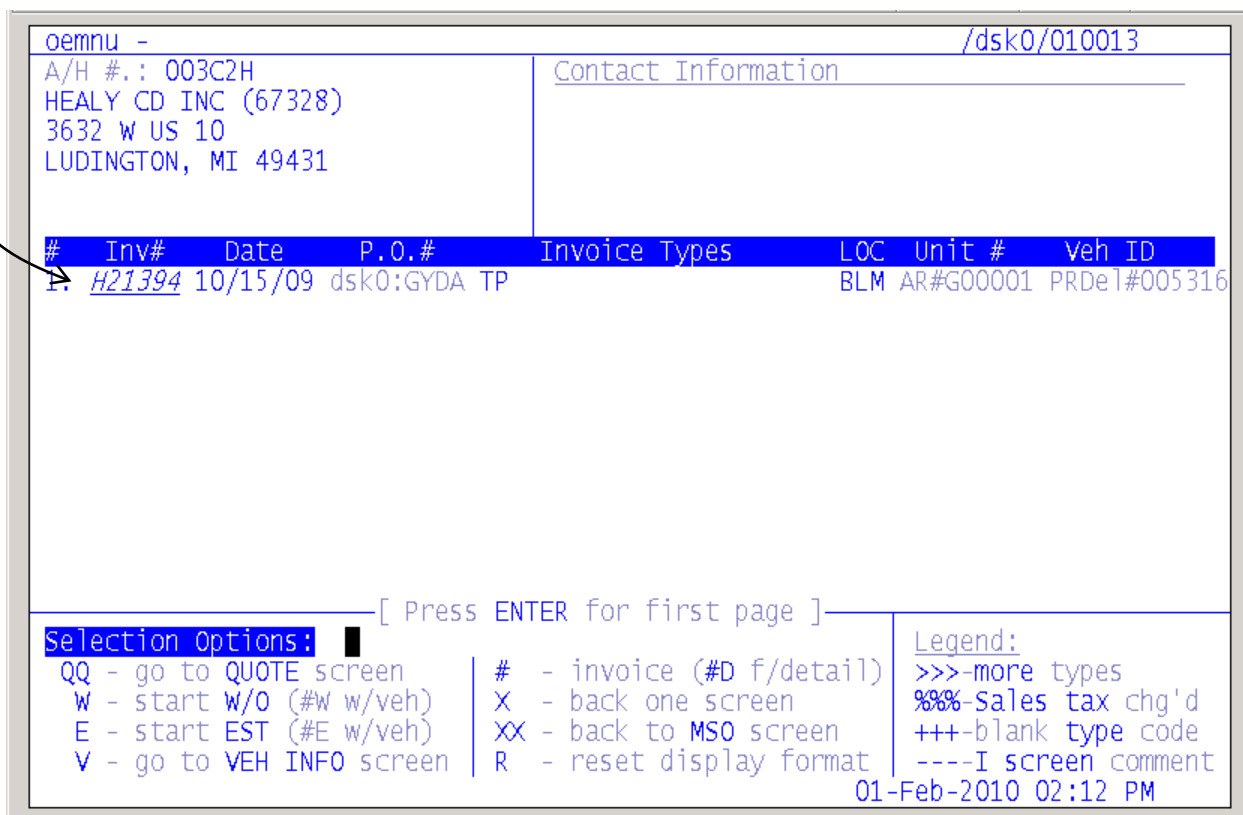
QUANTITY	PART NUMBER	LINE	DESCRIPTION	PRICE	NET	TOTAL	CODE
1.00	244-6716	RAY	ALTERNATOR	214.400	107.200	107.20	P
1.00	244-6716	RAY	CORE DEPT		27.500	27.50	D
2001	Hyundai Elantra 2.0 L	1975 CC L4 DOHC 16					
SUB TOTAL				134.70	0.00	134.70	
TAX				0.00	0.00	0.00	
TOTAL						134.70	

POSTED 9/25/09 MONTGOMERY XPRS

Section II Tracking Goodyear K-Docs downloaded electronically from Tire-HQ website

A. Track on screen

A link to each customer's documents is available from various screens within the application; this sample shows a link from the **customer history transactions** screen in Order Entry.



oemnu - /dsk0/010013

A/H #: 003C2H
HEALY CD INC (67328)
3632 W US 10
LUDINGTON, MI 49431

Contact Information

#	Inv#	Date	P.O.#	Invoice Types	LOC	Unit #	Veh ID
P.	H21394	10/15/09	dsk0:GYDA TP		BLM	AR#G00001	PRDel#005316

[Press ENTER for first page]

Selection Options:

QQ - go to QUOTE screen	# - invoice (#D f/detail)
W - start W/O (#W w/veh)	X - back one screen
E - start EST (#E w/veh)	XX - back to MSO screen
V - go to VEH INFO screen	R - reset display format

Legend:

- >>>-more types
- %%-Sales tax chg'd
- +++blank type code
- I screen comment

01-Feb-2010 02:12 PM

Clicking on the displayed link will connect you to the JMK Document service to display any saved credit memos

B. Display K-Doc as received from Tire-HQ

Bookmarks Tools Help

http://75.149.207.65/scans/JMK/images/JMKBLM01-200910190936004501.pdf

936004501.p...

1 / 1 75% Find

THE GOODYEAR TIRE & RUBBER COMPANY

GOODYEAR CREDIT MEMO 0091165664 INVOICE DATE: 10/16/09 REFER TO CREDIT NUMBER ON ALL CORRESPONDENCE Page No. 1

SHIP TO:
JMK TDIS
703 S. GLOVER AVE.
URBANA, IL 61802

BILL TO:
JMK TDIS
703 S. GLOVER AVE.
URBANA, IL 61802

*****CREDIT*****

NONSIG NO.	STK-CTL	TYPE	SOURCE	DOC	FROM	SHIP-DT	DOC-ID	T/C	COB	COWN	OSD-REF	ST	SF	DIST	MICRO
000130591	3208	DAP-DT	105316	0095	10/15/09	391	11	178	5240	03252	21	21	31	517290	
QUANTITY	PRODUCT CODE	B	EXCISE	TAX	PARTS	LABOR	DISCOUNT	NET EACH	EXTENDED						
	DESCRIPTION	C			PRICE	CHARGE	KEY - AMT	AMOUNT	NET AMOUNT						
PURCHASE ORDER # 03252															
DEL TO HEALY CD INC (67328) NE# 0150417-9971															
LUDINGTON, MI 49431 231-845-3900															
4	183212418	5			165.45		43.45	122.00	488.00						
	P265/70R16 111S S2 WRL SR-A OWL TL						2345								
16.00 SERVICE ALLOWANCE - DOLLAR PER UNIT															
CREDIT BASED ON INVOICE # 0011307056 DTD 04/23/09 N/S 000130591,															
# 0011316247 DTD 04/27/09 N/S 000130591															
4	183857418	5			154.35		39.39	114.96	459.84						
	P265/75R16 114S S2 WRL SR-A OWL TL						645								
16.00 SERVICE ALLOWANCE - DOLLAR PER UNIT															
CREDIT BASED ON INVOICE # 0010919691 DTD 12/17/08 N/S 000130591															
8 TOTAL TIRE UNITS															
2 - 2.00% ANNUAL VOL BONUS - ON INV															
3 - 1.00% POS INCENTIVE															
4 - 5.00% ADDITIONAL ALLOWANCE-CHAINSDAPTER P															
5 - 20.00% VOLUME ALLOWANCE															
6 - 2.00% ON INVOICE GROWTH															
TOTAL DELIVERY COMMISSION 128.00															

INVOICE TERMS:

DATE DUE	AMOUNT DUE	DISCOUNTABLE	AMT OF CASH DISC	NET AMT DUE	MERCHANDISE TOTAL
2.0% 2009-11-10	1075.84	947.84	18.96	1056.88	1075.84

REMIT TO: REF. NO. 00130591
THE GOODYEAR TIRE AND RUBBER COMPANY
P.O. BOX 277349
ATLANTA, GA 30384-7349

LESS CASH DISCOUNT 18.96
NET CREDIT DUE 1056.88

Section III

Automated Inventory Receipts Entry

From

Scan of Packing List/Invoice
.PDF file of Packing List/Invoice
.CSV file of Packing List/Invoice

Of

Vendor ID
Vendor Invoice Date
Item ID
Quantity
Cost

Current Supported Vendors

Ben Tire	K&M
Bridgestone	Pirelli
Cooper	Reliable Tire
Finkelstein	NTW (TCI)
Goodyear	Yokohama

additional vendors being added – ask for details

Scan and load a vendor's delivery item data, directly into the **JMK** point of sale system inventory module.

*“This optional feature turns that **multi-hour** job into **seconds**, along with enhanced accuracy and auto creation of new item ID setups.”*

- Jim Krakower, Director of System Development at JMK

Reduces entry errors in item identification, quantity, and purchase cost.

Eliminates the tedious—but crucial—manual data entry process.

Integrates to:

1. Inventory System – Auto-create new item ID
 - a. **J-Library** – near 100,000 tire items info database
 - b. **J-Alias** – supplier's item ID cross-referenced to your system
2. A/P Back Office Accounting – Create auto-record the vendor debit and G/L entries

Sample of Invoice received with delivery

15332

K & M TIRE - CHICAGO

INVOICE #: 421234482

470 W CROSSROADS PARKWAY
BOLINGBROOK, IL
60440
800/375-1121

PAGE: 1

CUSTOMER: ABC Tire Company
22005 12345 Main Street
Hoemtown, USA 12345

OFFICE PHONE: 815/625-1800

PO NUMBER: STOCK
SALESMAN: BECKY LE VAN
TERMS: 60 NET 10TH

ROUTE: CC 180

INVOICE DATE: 05/16/16

ORD QTY	SHIP QTY	B/O QTY	PRODUCT	PRICE/FET	EXTENSION
1	1	0	MA 285/50R20/XL COURSR HTR+ 116T C90000005666 MFG: 90000005666	119.00	119.00
2	2	0	MA 225/75R16/E COURSER LTR 115R C90000005673 MFG: 90000005673	88.00	176.00
4	4	0	MA 235/85R16/E COURSER LTR 120R C90000005679 MFG: 90000005679	101.00	404.00
8	8	0	MA 245/75R16/E COURSER LTR 120R C90000005674 MFG: 90000005674	99.00	792.00

15 Total Units Shipped

INVOICE TOTAL: 1491.00

CHARGE ON ACCOUNT

1491.00

ORDER ON K&M WEBLINK-SAVES TIME
OUR SALES OFFICE HOURS ARE 7:30AM-5:30PM MON-FRI 8:00-12:00 SAT

TIME DELIV

POSTED
4/14/2825/17/16
JPI

Customer Signature : _____

Printed Name: _____

Appendix

Original Document Samples

Invoice



TIRE WAREHOUSE KAUAI

3028 AUKELE STREET
LIHUE, KAUAI, HAWAII 96766

TELEPHONE:(808) 245-6754
FAX.....(808) 245-7838

Store Location J.M.K. TIRE - BLM WO# WB05777 Store Phn (217) 384-8891 Date 10/09/09 Time 10:04 AM
703 S GLOVER AVE Most major brands at low \$\$\$ Page 1
URBANA, IL 61802 Manager - John Smith

Inv: **B04985** Your P/O # A/R Acct# Terms Ship Via
Sold-To: 99-BLM PAY ON RECEIP
JOHN SAMPLE Ship-To: Type - Payment
123 EASY ST. \$
CHAMPAIGN, IL 61820 \$
=====

Total \$ 0.00

THIS IS TEST LINE 1
THIS IS TEST LINE 2
THIS IS TEST LINE 3

217-555-1212 H



Qty	Shp	B/O	Item Number	Description	S/W	FET	Price	Amount	Init's
1	1		SAEJ	ALIGN- F/R CAMBER/TOE POSS/CAS			54.95	54.95	MRK, KB
				4 MO./4,000 MI LIMITED ALIGN WARR UNLESS OTHERWISE NOTED					

Total Service-----> 54.95

ENV/SHOP FEE 4.40
SERVICE MATERIALS 4.40
TESTING FD RECORD #0 2.75

V/Info: 2001 TOYOTA CAMRY RED
Lic# JOHNS IL Mil: 78564

Sub-Total
\$66.50

ILL/BLM, 7.000%
\$0.50

Total: \$67.00
NewPymt: \$0.00
Tot DUE: **\$67.00**
PrePymt: \$67.00

Net DUE: **\$0.00**
=====

Received By:

John Sample

SP:MARK SNYDER

Alignment Sheet

Name _____
Address _____
Telephone _____
Vehicle (VIN) _____
License _____
Technician _____
Mileage _____
Time Printed 9/26/09 8:35 AM

Toyota : Camry : 2000-01 : 4 cyl.

Front : Left

Actual	Before	Specified Range
-0.7°	-0.7°	-1.4° 0.2°
2.3°	2.3°	1.4° 2.9°
-0.01in	-0.09in*	-0.05in 0.05in
13.3°	13.3°	12.3° 13.8°
12.6°	12.6°	11.0° 14.0°

Camber
Caster
Toe
SAI
Included Angle
Turning Angle Diff.

Front : Right

Actual	Before	Specified Range
-0.9°	-0.9°	-1.4° 0.2°
2.2°	2.2°	1.4° 2.9°
0.01in	0.43in*	-0.05in 0.05in
13.4°	13.4°	12.3° 13.8°
12.5°	12.5°	11.0° 14.0°

Front

Cross Camber
Cross Caster
Total Toe

Actual	Before	Specified Range
0.2°	0.2°	-0.8° 0.8°
0.1°	0.1°	-0.8° 0.8°
0.00in	0.35in*	-0.10in 0.10in

Rear : Left

Actual	Before	Specified Range
-0.9°	-0.9°	-1.5° 0.1°
0.11in	0.11in	0.05in 0.15in

Camber
Toe

Rear : Right

Actual	Before	Specified Range
-0.9°	-0.9°	-1.5° 0.1°
0.10in	0.10in	0.05in 0.15in

Rear

Total Toe
Thrust Angle

Actual	Before	Specified Range
0.22in	0.21in	0.10in 0.30in
0.01°	0.02°	

* This value is not within specification. Tire wear, handling and safety problems may result

Parts Supplier Invoice Receipt

CTL 3315450

ALL GOODS RETURNED MUST BE ACCOMPANIED BY THIS INVOICE

NAPA AUTO PARTS

THIS LOCATION OWNED AND OPERATED BY BROOKS AUTO PARTS

LEE C. SCHMIDTKE, GP.
SAVANNAH GA 31400
912 354 9621

RECEIVED BY

DATE 01/25/00 **INVOICE NO.** 050701 **STORE NO.** 072606 **CM** 004454 **SLS**

TIME 12:42 **PURCHASE ORDER NO.** M62710 **ATTENTION**

INVOICE TYPE CHARGE SALE

ACCT. NO. 15072 000 SAVANNAH TIME MONT YP
SOLD TO P O BOX 7020
085 0101
0040 31410

QUANTITY **PART NUMBER** **LINE** **DESCRIPTION** **PRICE** **NET** **TOTAL** **CODE**

1.00	244-6716	RAY	ALTERNATOR	214.400	107.200	107.20	P	
1.00	244-6716	RAY	CORE DEPO		27.500	27.50	D	
2001	Hyundai Elantra 2.0 L	1975 CC L4 DOHC 16 Val						
SUB TOTAL	134.70	MISC.	0.00	7.000	% TAX	0.00	TOTAL	134.70

POSTED BY 515
MONTGOMERY XRD

15332

K & M TIRE - CHICAGO

INVOICE #: 421234482

470 W CROSSROADS PARKWAY
BOLINGBROOK, IL
60440
800/375-1121

PAGE: 1

CUSTOMER: ABC Tire Company
22005 12345 Main Street
Hoemtown, USA 12345

OFFICE PHONE: 815/625-1800

PO NUMBER: STOCK
SALESMAN: BECKY LE VAN
TERMS: 60 NET 10TH

ROUTE: CC 180

INVOICE DATE: 05/16/16

ORD QTY	SHIP QTY	B/O QTY	PRODUCT	PRICE/FET	EXTENSION
1	1	0	MA 285/50R20/XL COURSR HTR+ 116T C90000005666 MFG: 90000005666	119.00	119.00
2	2	0	MA 225/75R16/E COURSER LTR 115R C90000005673 MFG: 90000005673	88.00	176.00
4	4	0	MA 235/85R16/E COURSER LTR 120R C90000005679 MFG: 90000005679	101.00	404.00
8	8	0	MA 245/75R16/E COURSER LTR 120R C90000005674 MFG: 90000005674	99.00	792.00

15 Total Units Shipped

INVOICE TOTAL: 1491.00

CHARGE ON ACCOUNT

1491.00

ORDER ON K&M WEBLINK-SAVES TIME

TIME DELIV 1234

OUR SALES OFFICE HOURS ARE 7:30AM-5:30PM MON-FRI 8:00-12:00 SAT

POSTED
4142825/17/16
JRI

Customer Signature : _____

Printed Name: _____