



# Computerized Tire Dealer Information Systems

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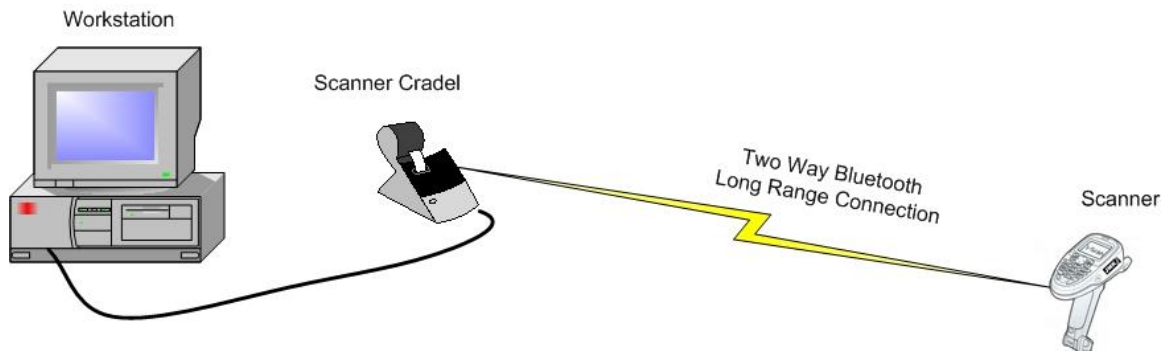
## J-Scan 2 Way Communications

# J-Scan Features

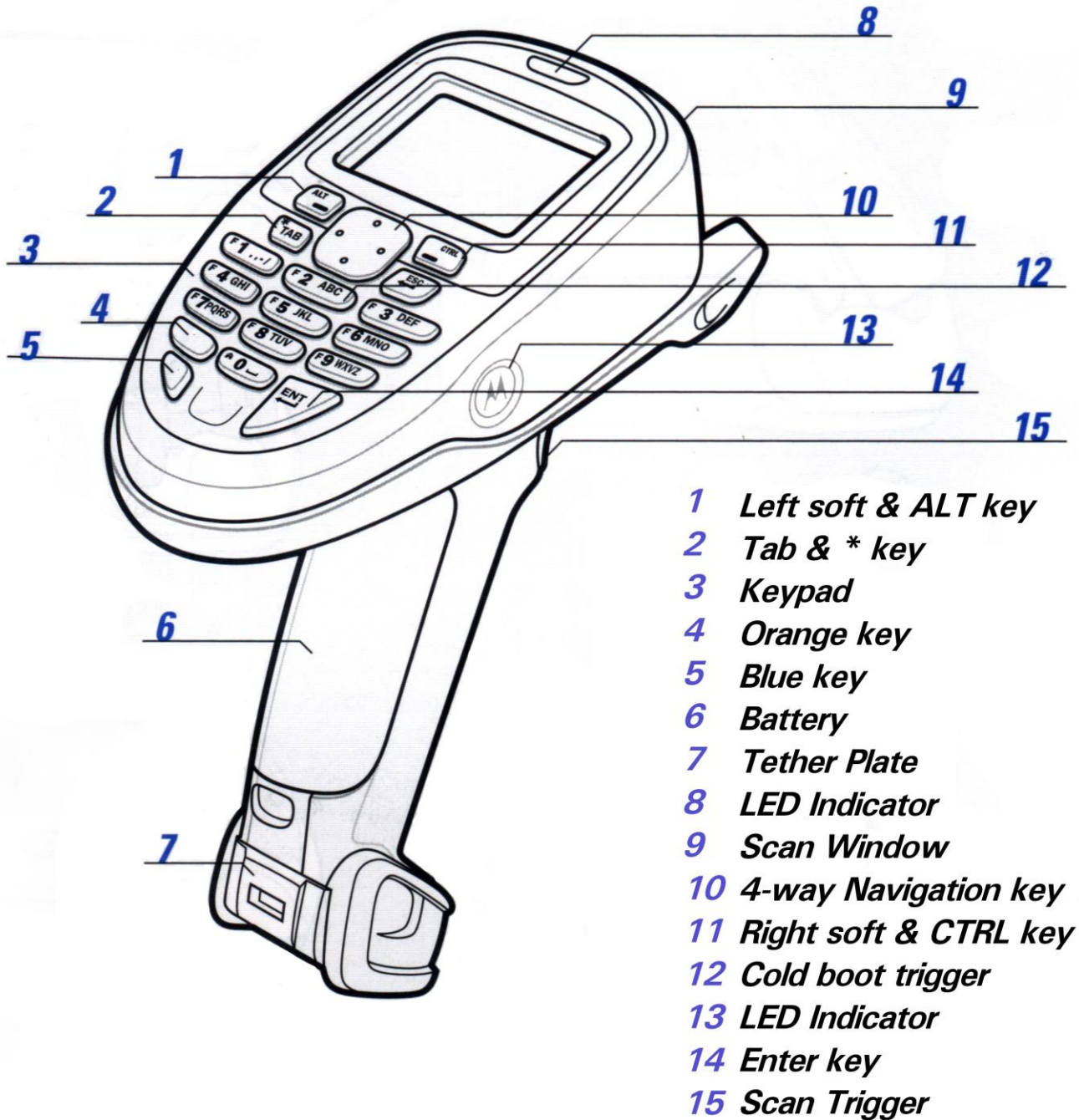
## Two Way Communications Send and Receive Data Wirelessly

- I. Harvest or display data wirelessly from (shop floor or parking lot).
  - A. For an existing work order
    1. VIN
    2. License
    3. Mileage
    4. Employee assignments
  - B. Unit allows user(s) to see customer history support info.
- II. Start new work order wirelessly from reading:
  - A. VIN
  - B. License
  - C. 2D bar code sticker
- III. Perform inventory control wirelessly to:
  - A. Verify stock quantities.
  - B. Correct stock quantities.
  - C. Receive stock

J-Scan communicates via a two way wireless long range Bluetooth connection to its base station/cradle.



## J-Scan Controls



# J-Scan Screens

Inventory Screen

The Inventory Screen (Inv Adjustment) displays the following information:

- Item ID: GY100008277
- Description: 225/40ZR18 99W GY EAGLE GT
- Last Purch: 10/02/11
- Quantity: 10
- Current: Cur
- New: 11
- Adjustment: 1
- Bin: New
- Current: SOUTH A1

Buttons: Cancel, Save

Item number

Work Order Screen

The Work Order Screen displays the following information:

- WO #: B06564
- Estimate: 99-BLM
- Location: BLM
- Technician: JOHN SMITH
- Vehicle: 2000 DODGE CARAVAN SE
- VIN: 2A8HR44H08R624648
- Lic#: 12345678901234567
- Miles: 83245
- Tech: JMK

Buttons: Cancel, Save

Work order

Vehicle Screen

The Vehicle Screen displays the following information:

- Vehicle: 2000 DODGE CARAVAN SE
- Owner: JOHN SMITH ( 5 )
- Last Svc: 7/25/11
- Inv: B04970
- Miles: 81234
- Loc: BLM
- VIN: 2A8HR44H08R624648
- Lic#: TLM 825

Buttons: Cancel, Options

VIN or License

The JMK BarCode Screen displays the following information:

- Entry: [Input Field]
- Last: [Input Field]
- Instructions: Scan a barcode or enter Item #, Licence #, WO / Est #, or VIN
- Loc.: [Input Field]

Buttons: Version

# J-Scan Applications


- I. Inventory bar code label
  - A. After scanning an inventory item number
    1. Displays to the user the following
      - a. Item number
      - b. Description
      - c. Quantity on hand
      - d. Bin location
      - e. Last purchase date
    2. Edit options:
      - a. Quantity on hand
      - b. Bin location
    3. Functions:
      - a. Save the changes made
      - b. Open an Inventory Adjustment invoice by location
        - 1) If multiple invoices are already open will present a list to select from.
        - 2) Apply adjustment of inventory
      - d. Cancel

Following selection of these option user returns to main entry screen

205/55R16 91V GY EAGLE GT

GY : 100907277

Itm: GY100907277



## II. Manual Operation

- A. Main entry screen allows manual text entry or barcode scan
- B. The entry contents are sent back to the JMK server which performs lookups on the entry for
  - 1. VIN
  - 2. License number
  - 3. Work order number
  - 4. Inventory item number
- C. If multiple hits are found the scanner will display a list for user selection

### III. JMK Work Orders:

#### A. If scanning a work order number

1. Displays to the user the following:
  - a. Customer name
  - b. Work order number
  - c. Location
  - d. Salesperson
  - e. Vehicle, mileage, VIN and License numbers
2. Edit options:
  - a. Salesperson
  - b. Mileage
  - c. Vehicle VIN or manual entry of vehicle license number
3. Functions:
  - a. Save the changes made
  - b. Cancel changes

Following selection of these option user returns to main entry screen

4. Assign a work order number to a QR bar code sticker to allow customer smart phone lookup of service history.

#### B. Scanning Employee bar code badge

1. Assign specific employee to a labor item on specific work order, with start and finish times.

Work Order Number

J.M.K. Tire - BLM  
WORK ORDER  
=====



Print: 04/08/11 FRI 02:57 PM

W/O #: B06252 P/O #.:

Acct #:ROBTST Terms.:1st 10th

Sld To: ROB'S TEST ACCOUNT  
123 EASY ST  
SAN ANTONIO, TX 78238

ShipTo: ROB'S FIRST ARSHIP RECORD  
506 SANDERLING  
SAN ANTONIO, TX 78245

C 606-776-1645 P 210-427-1114 100 P 210-316-8953

Bin Location	Qty	Qty-To	Part Number	QTY	Description	S-W
Ord	Ship	Ship	Ship	Ship		

1	1	AG-9006			SEALED BEAM LAMP	
		(ags-/9006)	S-per: _____			

1	1	SHLL			SERVICE LIGHT BULB-	
		(jmk-1/SHLL)				

Tech: \_\_\_\_\_ S-per: \_\_\_\_\_

1	1	DAY95265			TIMING BELT DAY-95265	
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S-per: \_\_\_\_\_

1	1	NBH25040355			SERP BLT NBH-25040355	
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S-per: \_\_\_\_\_

1	1	SAN			ALIGN - 4WD TRK - TOE ONLY	
		(jmk-1/SAN)				

Tech: \_\_\_\_\_ S-per: \_\_\_\_\_

4	4	SM16			MT-CUSTOM STL WHL W/MAG BAL/A	
		(jmk-1/SM16)				

Tech: \_\_\_\_\_ S-per: \_\_\_\_\_

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=====
MOUNTING INSTRUCTIONS ==> R- RECYCLE ; T- PUT TIRE IN PLASTIC BAG IN TRUNK
=====
***      ***
LF * * * * RF      SPECIAL INSTRUCTIONS:
***      ***

***      ***
LR * * * * RR      Cust Waiting: Y N      Time Prom: _____ A P
***      ***

***
* * SP
***
REC PERSON: DH BD MW CHM
=====
SHOP PERSON...: DH BD MW CM KS KB TS DM JS
=====
DOT#          QTY:          | TIRE PRESSURE=>LF____ RF____ RR____ LR____
=====

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Assign line item bar codes to a specific employee



#### IV. Vehicle bar codes

##### A. VIN, QR sticker or manual entry of vehicle license number

1. Displays to the user the following:
  - a. Customer name
  - b. Vehicle: year, make, model and sub-model
  - c. Vehicle VIN and License number
2. Edit options:
  - a. VIN number
  - b. Vehicle License number
3. Functions:
  - a. Update the vehicle records on server
  - b. Start a new work order on the server

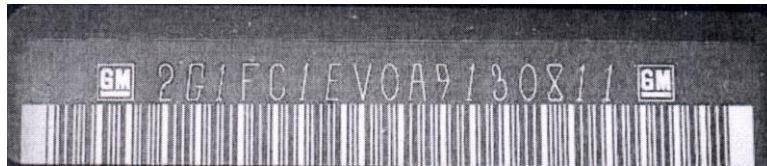
Following selection of these options user returns back to main entry screen

- B. QR code sticker, assigned and attached to customer vehicle windshield can be read from scanner or from a smart phone with a bar code application, for access to service history

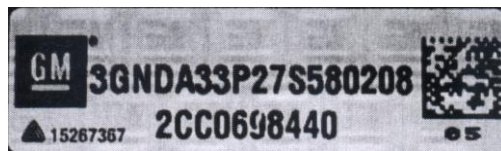
Try this out with your smart phone bar code reader  
Scan/Read this 2D QR bar code windshield sticker



- C. VIN bar codes



1 D bar code



2 D bar code