

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

**INCREASE SERVICE SPEED, ACCURACY,
AND CUSTOMER SAFETY / SATISFACTION!**



Document exactly what torque was put on which lug nut on which vehicle, by which technician, and when



PROGRAMMABLE FROM
CAR MANUFACTURER
TORQUE DATABASE



SMART WIRELESS
PROGRAMMABLE
TORQUE WRENCH

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

Current Process

- Variability . tools, equipment, technician, vehicle specs.
- Correct torque applied? Not verifiable, provable, or documentable.
- Technician tools in spec? Unknown.

Controlled Process

- Dramatic reduction in variability . tools, equipment, technician, vehicle specs.
- Correct torque applied? Verifiable, provable, and documentable.
- Technician tools in spec? Known.
- Higher productivity. Allows shop to remove torque re-check step, if required.

The result?

- ✓ Improved service level.
- ✓ Improved safety and reduced liability.
- ✓ More satisfied customers.

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

SYSTEM DEVELOPED SPECIFICALLY FOR TIRE SHOPS

- **SPEED AND ACCURACY – LIMIT NUMBER OF TOOLS USED**
- **TIGHTEN WHEEL NUTS TO MANUFACTURER’S TORQUE SPECIFICATIONS**
- **REDUCE THE POSSIBILITY OF MIS-TIGHTENING WHEEL NUTS AND OIL DRAIN PLUGS**
- **WIRELESS OPERATION**
 - **EASILY PROGRAMMED BASED ON VEHICLE DATA FROM INSTALLED TORQUE DATABASE**
 - **WIRELESS TRANSMISSION OF TORQUE SETTING TO WRENCH**
 - **ACTUAL TORQUE VALUES RECORDED FOR EACH WHEEL NUT**
 - **RECORDED TORQUE VALUES TRANSMITTED BACK TO POINT OF SALE FOR CUSTOMER RECORD AND/OR SALES RECEIPT**
- **POTENTIALLY REDUCES LIABILITY TO WHEEL NUT FAILURE / WHEEL OFF**

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

SIMPLE ORDER ENTRY SCREEN AND OPEN WORK ORDER SCREENS

Edit Order

Customer Info
 Customer Name: JIMMY DIXON State: AR
 Address: 6775 FAIRWAY ST Zip Code: 91235
 City: RIVERSIDE Phone: 6781234567

Order Info
 Order ID: 1000 Status: Open
 Start Date: 07/01/08 End Date:

Car Info
 Year: 2009 Make: Acura Model: RL

Year	Make	Model	Option	Wheel Size	Torque	Nut#
2009	Acura	RL	Technology	P245/50R17	94.0	5
2009	Acura	RL	Standard	P245/45R18	94.0	5

Wheels: LF RF All
 LR RR Torque: 94.0
 Lug Nut: 5

OVERIDE OK Cancel

Company Info

COMPANY
NAME

ID	Date	Status	Make	Model	Year	Torque	# Nut	Wheels
1000	07/01/08	Open	Acura	RL	2009	94.0	5	LF RF RR LR

Work Order Detail

JIMMY DIXON
6775 FAIRWAY ST
RIVERSIDE, AZ 91235
Tel: (678) 123-4567

NEW ORDER EDIT DELETE PRINT CLEAR HISTORY RESTORE

**ORDER ENTRY CAN BE A STAND ALONE SYSTEM OR
ADDED TO SHOP/COMPANY OPERATING SYSTEM**

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

WIRELESS SMART WRENCH CONNECTED TO A SMART SYSTEM

TECHNICIAN EASILY FINDS THE CORRECT WORK ORDER



TECHNICIAN CAN EASILY
SCROLL UP AND DOWN TO
SELECT DESIRED WORK
ORDER

PUSH BUTTON TO ENTER
SELECTED WORK ORDER TO
UPLOAD OEM REQUIRED
TORQUE VALUES

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

WIRELESS SMART WRENCH CONNECTED TO A SMART SYSTEM

WRENCH DISPLAYS TO TECHNICIAN:

- " THE PROGRAMMED TORQUE SETTING
- " SELECTED WHEEL LOCATION
- " NUMBER OF WHEEL NUTS REQUIRED TO BE TIGHTENED



SMART WRENCH WILL NOT LET THE TECHNICIAN PROCEED:

- " UNLESS ALL NUTS ARE TIGHTENED TO SPECIFICATION
- " IF TRYING TO TIGHTEN THE SAME WHEEL NUT TWICE
- " IF MISSING OR FORGETTING TO TIGHTEN A WHEEL NUT

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM

WIRELESS SMART WRENCH CONNECTED TO A SMART SYSTEM

WHEEL NUT INSTALLATION INFORMATION EASILY TRANSMITTED BACK FOR:

- ✓ PRINTING OF WHEEL AND INDIVIDUAL WHEEL NUT TORQUE VALUES ON CUSTOMER DOCUMENTATION
- ✓ ARCHIVING OF CUSTOMER RECORDS SHOWING WORK HAS BEEN COMPLETED CORRECTLY
- ✓ POSITIVE DATA TRANSMISSION VERIFICATION

WHEN ALL TORQUE REQUIREMENTS HAVE BEEN COMPLETED, USER EASILY SENDS RESULTS BACK TO DATABASE WITH THE SINGLE PUSH OF A BUTTON



WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM



BENEFITS OF A DOCUMENTED TORQUE SYSTEM

SIMPLIFY WHEEL SERVICE OPERATIONS

- **REDUCE THE NUMBER AND COMPLEXITY OF TOOLS**
- **INTEGRATED SYSTEM FOR WHEEL REMOVAL AND INSTALLATION**
 - **Torque Limited Impact Wrench – Full Torque Off / Limited Torque On**
 - **Wireless Torque Wrench**
- **STANDARDIZE SYSTEM PLATFORM FOR THE SERVICE BAY AND P.O.S. SYSTEM**
- **INCREASE SPEED AND ACCURACY OF INSTALLATION PROCESS**

REDUCE POSSIBILITY FOR TECHNICIAN ERROR

- **TIGHTEN WHEEL NUTS TO OEM TORQUE REQUIREMENTS**
- **SIMPLE TO USE WITHOUT SPECIAL TRAINING**
- **CONFIRMATION OF COMPLETION WHEEL / DRAIN PLUG INSTALLATION PROCESS STEPS**
- **PROTECT THE CUSTOMER'S VEHICLE FROM DAMAGE**

WHEEL SERVICE WIRELESS TORQUE DOCUMENTATION SYSTEM



CONTACT US FOR MORE INFORMATION:

STRATEGIC TOOLS & EQUIPMENT COMPANY

- TEL: +1.847.356.3220
- FAX: +1.213.402.6687
- E-MAIL: info@StrategicTQ.com
- WEB: www.StrategicTQ.com
- MAIL: P.O. BOX 6177, LINDENHURST, ILLINOIS, USA 60046