

Digital Wrench Setup and Installation

Dealer

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**Overview**

Welcome to AriensCo Digital Wrench Setup and Installation.

Digital Wrench is used by Dealers to diagnose and repair JSV units. This training is to provide instruction to setup and install Digital Wrench on a PC/laptop.

**Current Vehicle Software License**

**Prerequisites**

- You will need to have Windows 7 or greater installed on the laptop you will be using.
- Have the Digital Wrench Diagnostic Kit available
  - **Dealers** -Will receive this kit when they sign up to become a JVS dealer. Existing JSV dealers should already have this. IF you do not, you can order it from AriensCo. The part number is in the chart below (part# 21900617).

All Current Vehicles		
Part Number	Description	Notes
<b>21900617</b>	<b>Digital Wrench Diagnostic Kit</b>	<b>Software License (21900607), USB-Serial Adapter Cable (21900606), SmartLink Kit (21900590)</b>
21900607*	Software Registration Card	Serial number needed to register the software
21900606*	USB to Serial Adapter Cable	Must use this model, other USB to serial converters may not work
21900590*	SmartLink Module Kit	SmartLink Module, CAN Interface Cable and Serial Cable

\*Included in Digital Wrench Diagnostic Kit

**Software Registration Card**

- Software registration card is provided in the in Digital Wrench Diagnostic Kit dealers receive when they sign up for JSVs.

**Serial Numbers**

- Each dealer will get one Serial Number. This is good for installing 3 copies of the PC/laptop Digital Wrench software.

**Step 1: Download the Digital Wrench Software**

- This is located on the Extranet. Login to the Dealer Extranet using your dealer number and password.
- Locate the JSV icon on the home screen.
  - Click the JSV icon to continue to the next page.



- Click on “Download Software Digital Wrench”.



- Install the software by clicking “Run”.



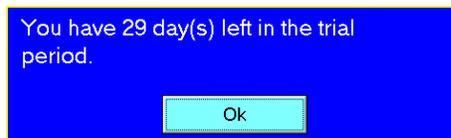
- Select “Yes” to the prompt “Do you want to allow this app to make changes to your device”
- Select “Next” on the Gravely Digital Wrench prompt
- Select “I Accept” to the license Agreement and Select NEXT
- Select “Install”
- Select “Finish” for completing the Digital Wrench program install.
  - A Gravely Digital Wrench icon will display on the desktop



- The first time opening the software you will be asked for the 10-digit Product Key from the software registration card.
  - Reference the software registration card that is provided in the in Digital Wrench Diagnostic Kit.
- Click OK once you type in your 10-digit serial number.



- You will have 30 days to register your software.
  - The program will tell you that “You have 29 days(s) left in the trial period”. That means you have 29 days left to fill out your registration for the software license you entered. If you do not fill out the registration, you will have to register again with a new serial number.
  - Click “OK”.
    - **Note:** If you do not register your software license or the software license number is lost, a replacement license must be purchased at the dealer’s expense.



- The next step for registering would be to click the “Click Here to Register via the Internet” link at the bottom of the page.
  - You do not need to copy the license ID or add a Feature/Registration Code.



- On the next screen, fill in all required information for registering that is marked with a red asterisk.
  - The Software License ID will automatically be filled in.

Please supply the requested information to register your copy of the Digital Wrench software. Click the **Register** button after all the required information has been entered. DSA respects your [privacy](#).

Name: \*

Company: \*

Dealer Number:

Address: \*

Address:

City: \*

State/Province: \*  Country: \*

Zip/Postal Code: \*

Phone Number:

E-Mail Address:

Software License ID: \*

\* Indicates Required Fieldno">

- Click “Register” when you are done.
- To complete the registration, click on the “Click Here” link on the next screen.

**IMPORTANT**

You are not done yet. You MUST either:

[Click Here](#) to complete the registration process automatically

OR

- Write down your Registration Code: **B4E-4E9DE-27BEC-88612\***
- Enter the Registration Code into the Digital Wrench Software to enable continued usage.

If you are having any problems, refer to the [Registration Video](#).

\*Make note that the registration code only contains the digits 0-9 and the letters A-F.

**Step 2: Connect the Smart Link Module to the computer**

- Connect the Smart Link to your computer using the USB to Serial Converter. Plug the USB into your computer port (also called a com port).
  - This is located with the Digital Wrench Diagnostic Kit.

- Make sure to always use the same computer port. Part of the setup/install process is to select the computer port you will be using. If you do not plug into the same port, the program will not be able to detect that you are connected.



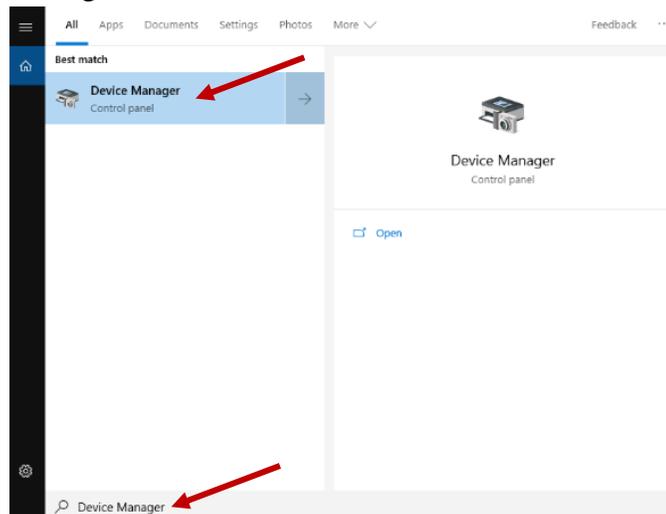
- The device connection will automatically be recognized and install the necessary drivers.
  - You will not see anything happening on the computer while this is taking place.
  - Continue to the Com Port Configuration.

**Step 3: Com Port Configuration**

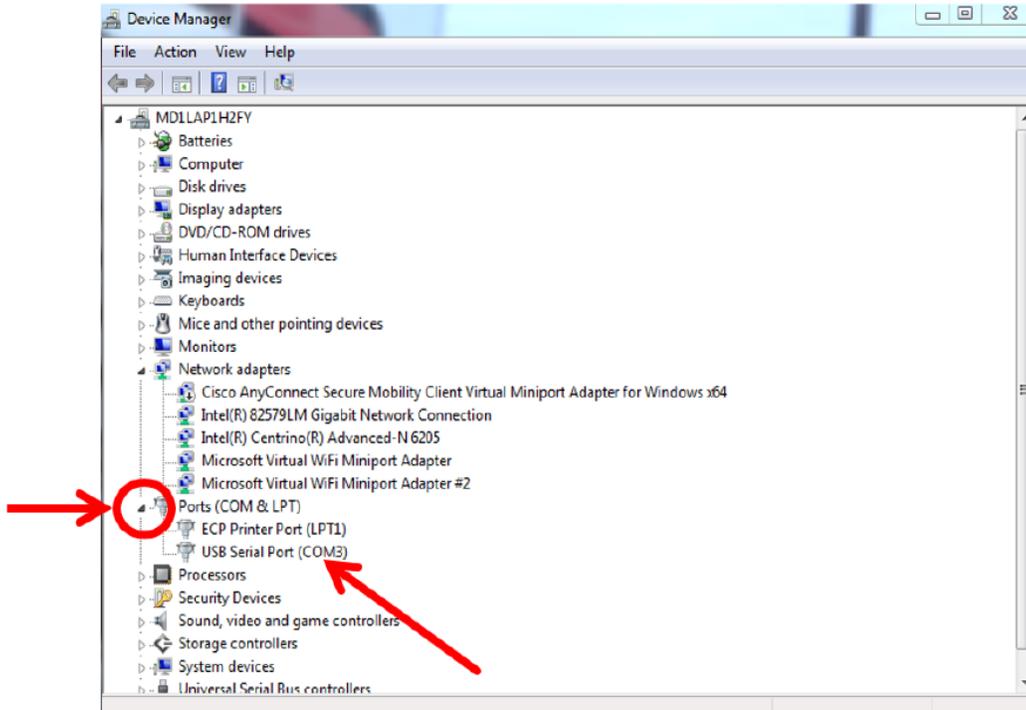
- Exit Digital Wrench by clicking the open door icon on the bottom right of the screen.



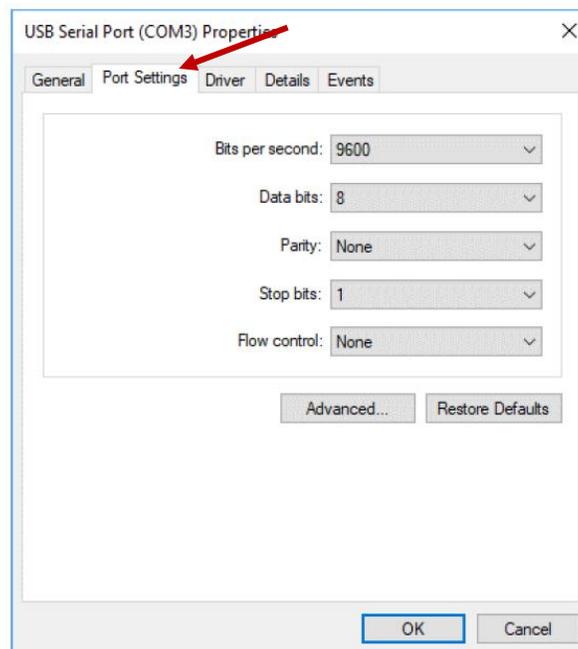
- Go to the Start Menu from your computer desktop.
- Click in the search bar and type “Device Manager”.
- Click on “Device Manager” in the search results.



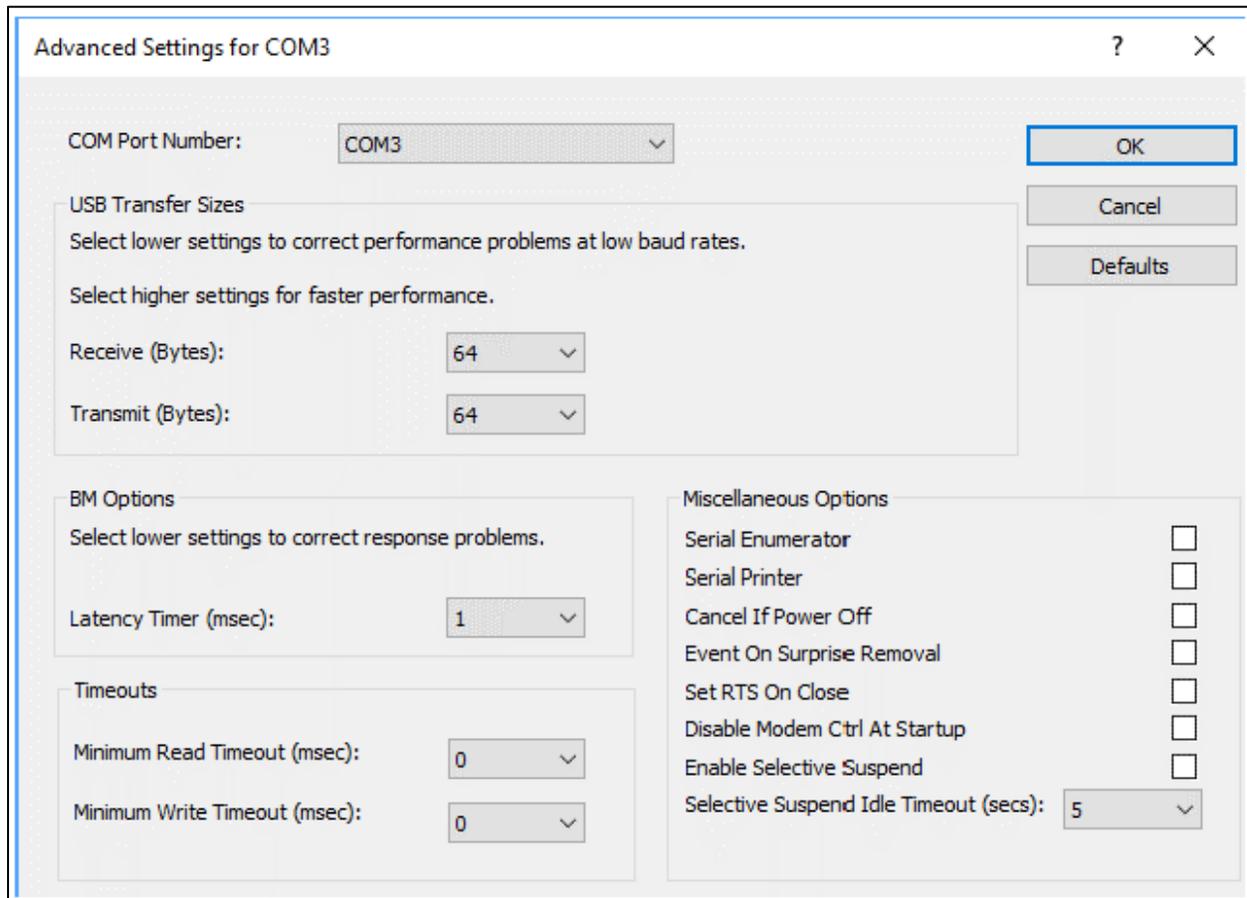
- Click on the triangle next to “Ports (Com & LPT)” to open the sub menu.
- Double click on the “USB Serial Port (COM#)”.



- Record the Com Port Number to be used in a later step.
  - For this example it is “COM3”.
- Click on the “Port Settings” tab and Match the parameters to the following screenshot:



- Click the “Advanced” button.
- Match the settings to the following screenshot.
  - Note: Any COM port #1-6 may be used. Using a COM port number above 6 may cause connectivity issues.



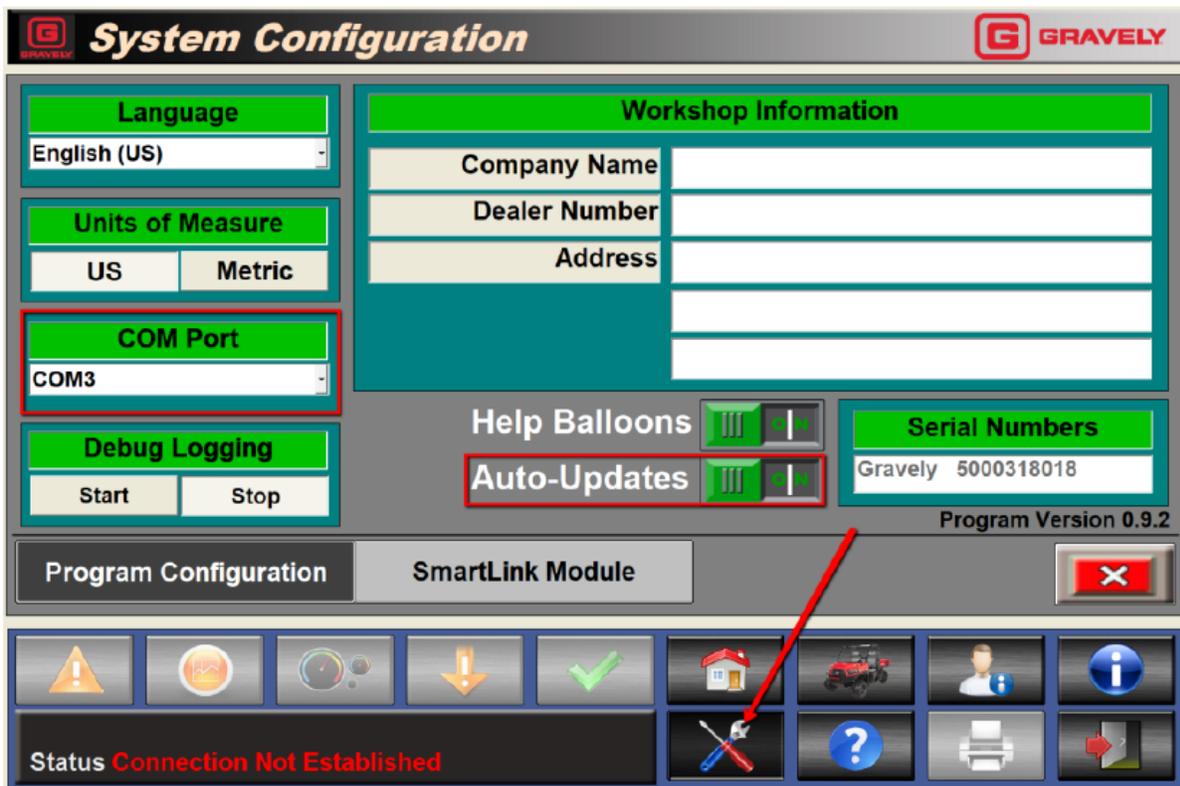
- Click “OK” on the Advanced Settings screen.
- Click “OK” on the USB Serial Port Properties screen.

#### **Step 4: Open the Digital Wrench Program**

- Double click on the Digital Wrench icon on your desktop to open the program.
- Click on the Wrench & Screwdriver icon to open the settings menu to access the System Configuration page.

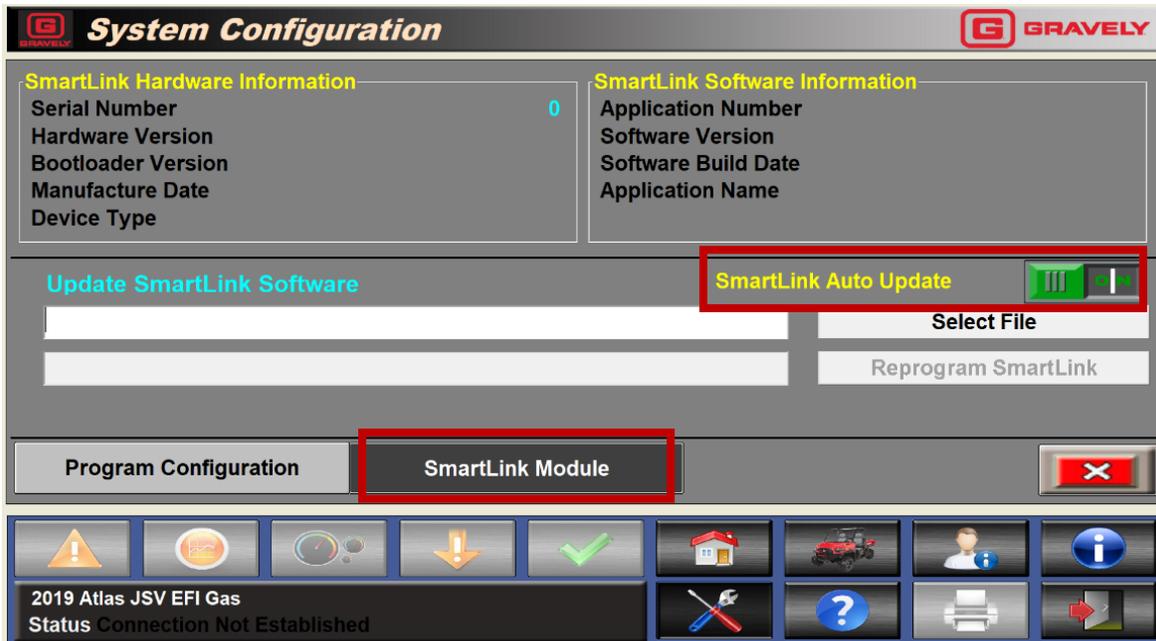


- Set the appropriate COM Port from the drop-down menu to match the COM port that was set above.
  - For this example we select COM3.
- Make sure Auto-Updates is turned on by clicking on the Auto-Update button. Turning this feature on will keep the program information up to date (i.e. wiring diagrams, error codes etc.).



- Select the “Smart Link Module” button to see the Smart Link Module screen.

- From that screen, turn Smart Link Auto Update on (it will turn green). Turning this feature on will keep the Smart Link device up to date.



The setup is now complete.

- Connect to a vehicle to verify proper operation.

**Change Record**

Date	Author	Version	Change Details
3/6/2020	Lynnette Farvour	2	Update to Original