# Getting Started with the Navigator DVL

**Step 1**

## Verify all parts are present

The standard DVL includes:

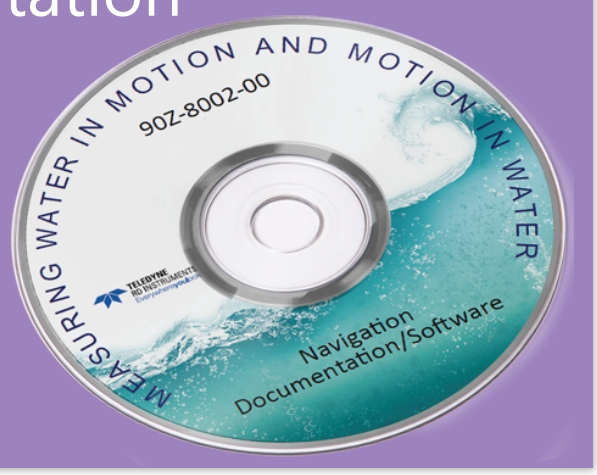
- Navigator DVL
- I/O cable and Pigtail I/O Cable
- Shipping case
- Spare Parts Kit
- Navigation CD
- Printed copy of Getting Started and Integration Guide
- Check packing slip for additional options

**Step 2**

## Install the Software and Documentation

The Navigation CD includes:

- TRDI Toolz software
- Navigator DVL Guide PDF
- Navigator Getting Started PDF
- Navigator Integration Guide PDF




**Step 3**

## Communication and Power Setup

See the reverse side of this guide for detailed instructions.

**Step 4**

## Read the Integration Guide

Included with the system is a printed copy of the Integration Guide.


The Navigator DVL offers the following benefits:

- Patented BroadBand processing technology, providing users with both short and long-term high-precision velocity data
- Reliable and accurate high-rate navigation and positioning data
- Proven bottom detection algorithms, and single ping bottom location, for robust and reliable bottom tracking over indeterminate terrain
- Superior low-altitude bottom tracking capability
- Real-time current profiling data

Navigator DVL options:

- Current profiling firmware upgrade
- Integrated pressure sensor (±0.25% full scale)
- 25m serial/DC/computer cable
- 5m serial/DC/computer cable
- Internal memory cards (2GB max)
- Enhanced low altitude bottom tracking for 1200 kHz model

TELEDYNE RD INSTRUMENTS
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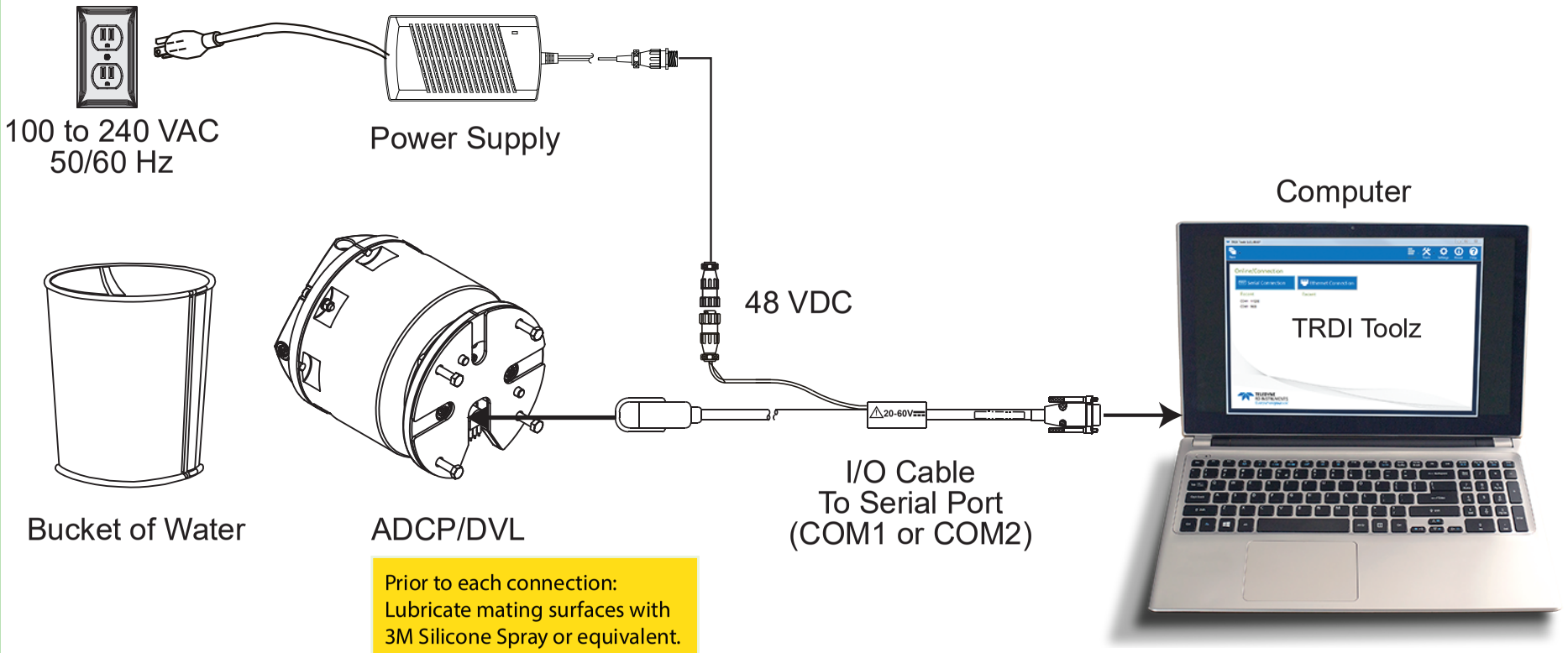
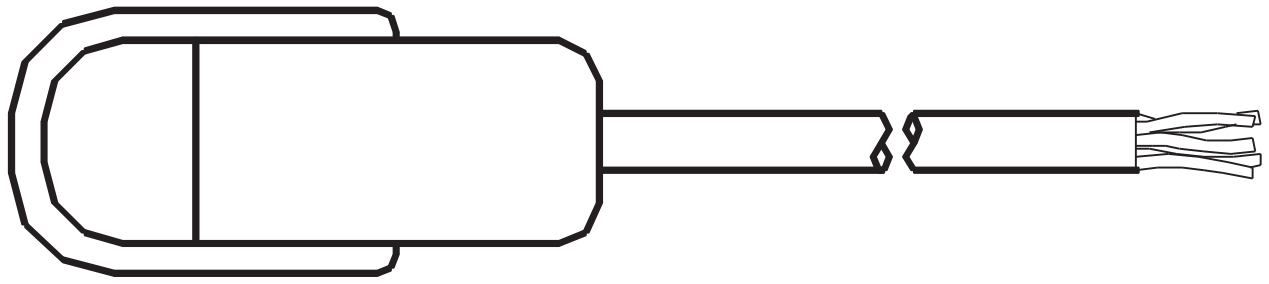
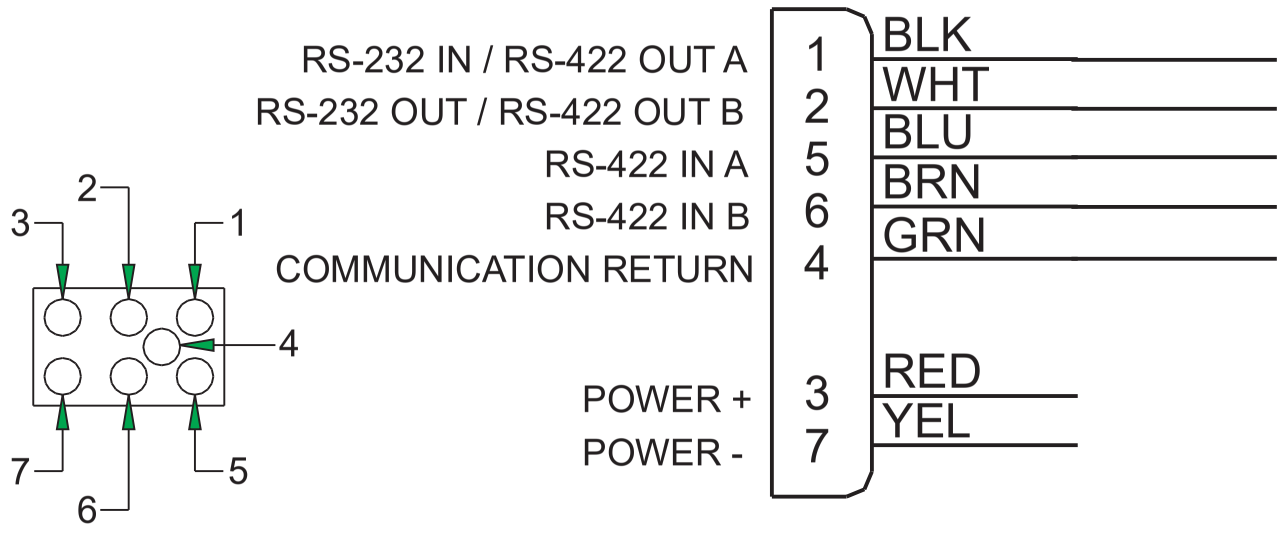
# Step 3 Communication and Power Setup - Detailed Instructions





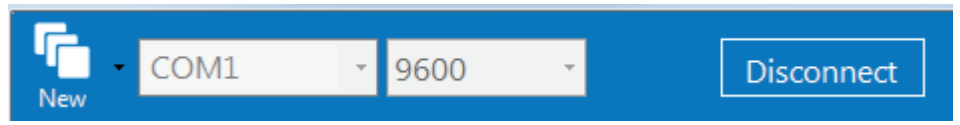

## **Step 3 A** Connecting the I/O Cable

1. Remove the Dummy Plug and lubricate the connector.
2. Connect the I/O cable to the Navigator. Do so by pushing straight in against the connector. Roll the retaining strap over the connector.
3. Attach the I/O cable to the computer's communication port.
4. Connect the AC Power Adapter or DC power supply to the power connectors.

## **Step 3 B** Setting Up the Communications

To connect to the Navigator:

1. Connect and power the system as shown in Steps 3A.
2. Start TRDI Toolz software.
3. Enter the Navigator communication settings.




Serial Communications:

Select the COM Port and Baud Rate from the drop down lists.

If you are unsure of the Baud rate, use the default 9600 baud and try to connect. If you have trouble connecting, click the **Find** button. This will try different baud rates until it can connect, but not different COM ports.

5. Click the **Connect** button. Once connected, the button will change to Disconnect and the tab will show the com port used and baud rate.

Refer to the Integration Guide for further information.