

# QUICK START GUIDE

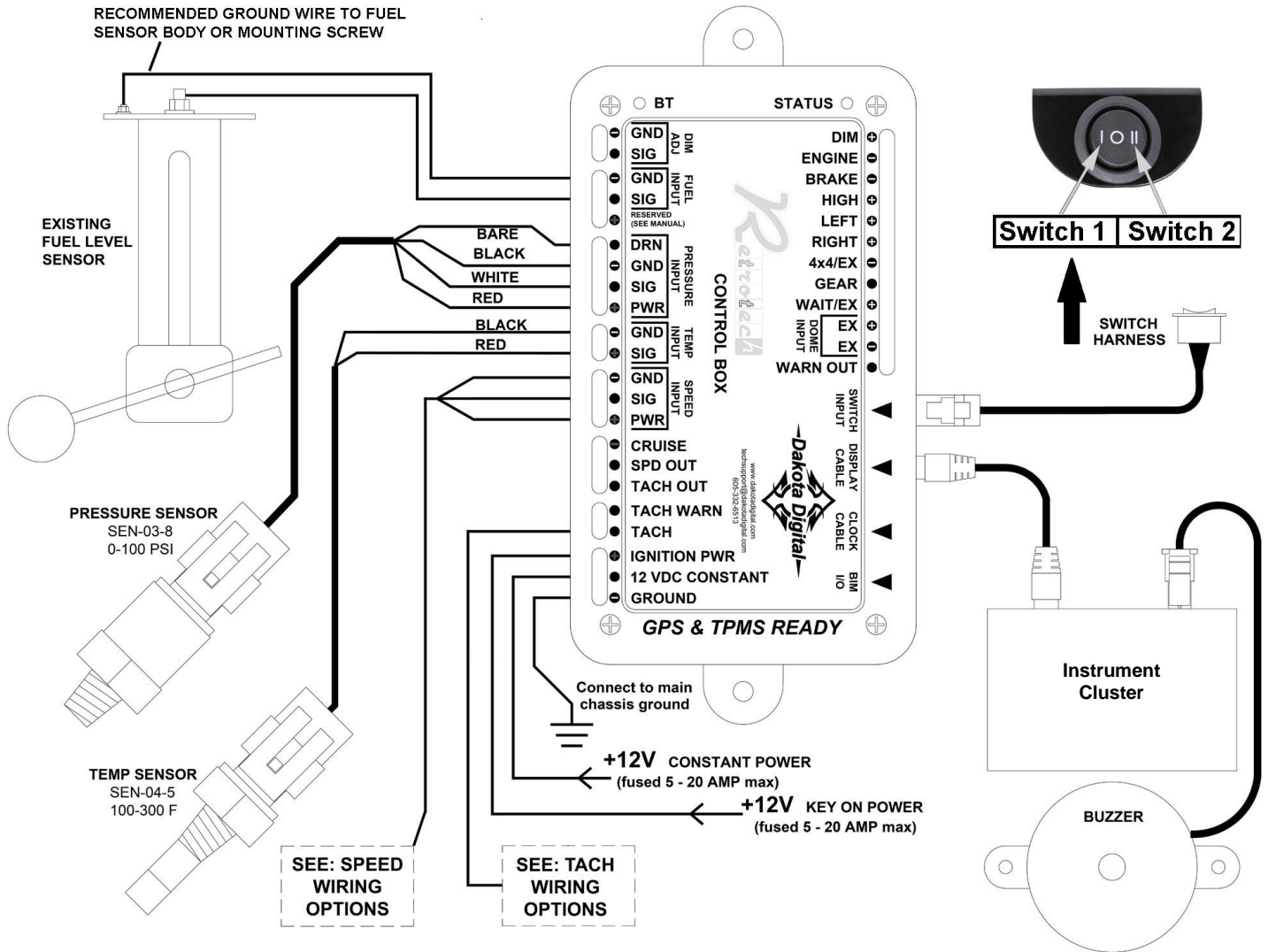
## DAKOTA DIGITAL RTX-62T-FJ INSTRUMENT SYSTEM

This guide is designed to get you up and running quickly with a minimal amount of options installed. It shows a typical and abbreviated wiring diagram as well as how to set up your speedometer, tachometer, and fuel sensor. A detailed description of all the wiring and connections can be found in the full instruction manual.

### \*\*\*\*\* IMPORTANT NOTE! \*\*\*\*\*

This control box has an odometer preset option that is only available within the first 100 miles of driving. See "ODOMETER PRESET MENU" in main instruction manual for details.

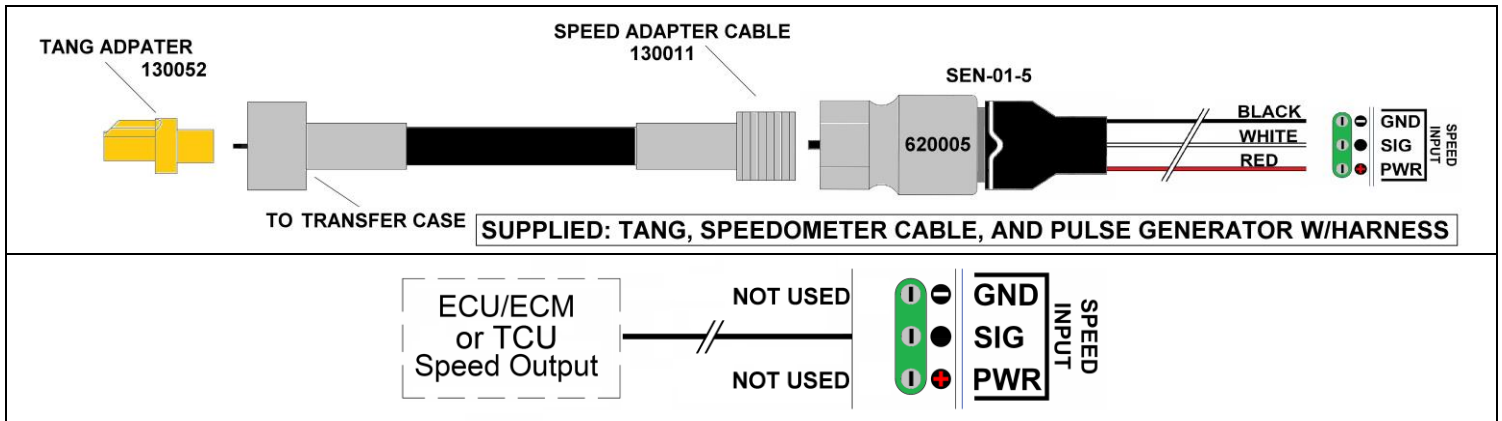
- Install the supplied senders. (see sensor pack manual)
- Mount and wire the control box. (see diagram on this sheet or see manual for more detailed descriptions)
- Mount the instrument cluster into your dash. (see mounting instructions or manual)
- Setup the control box by selecting fuel sensor and programming speedometer.



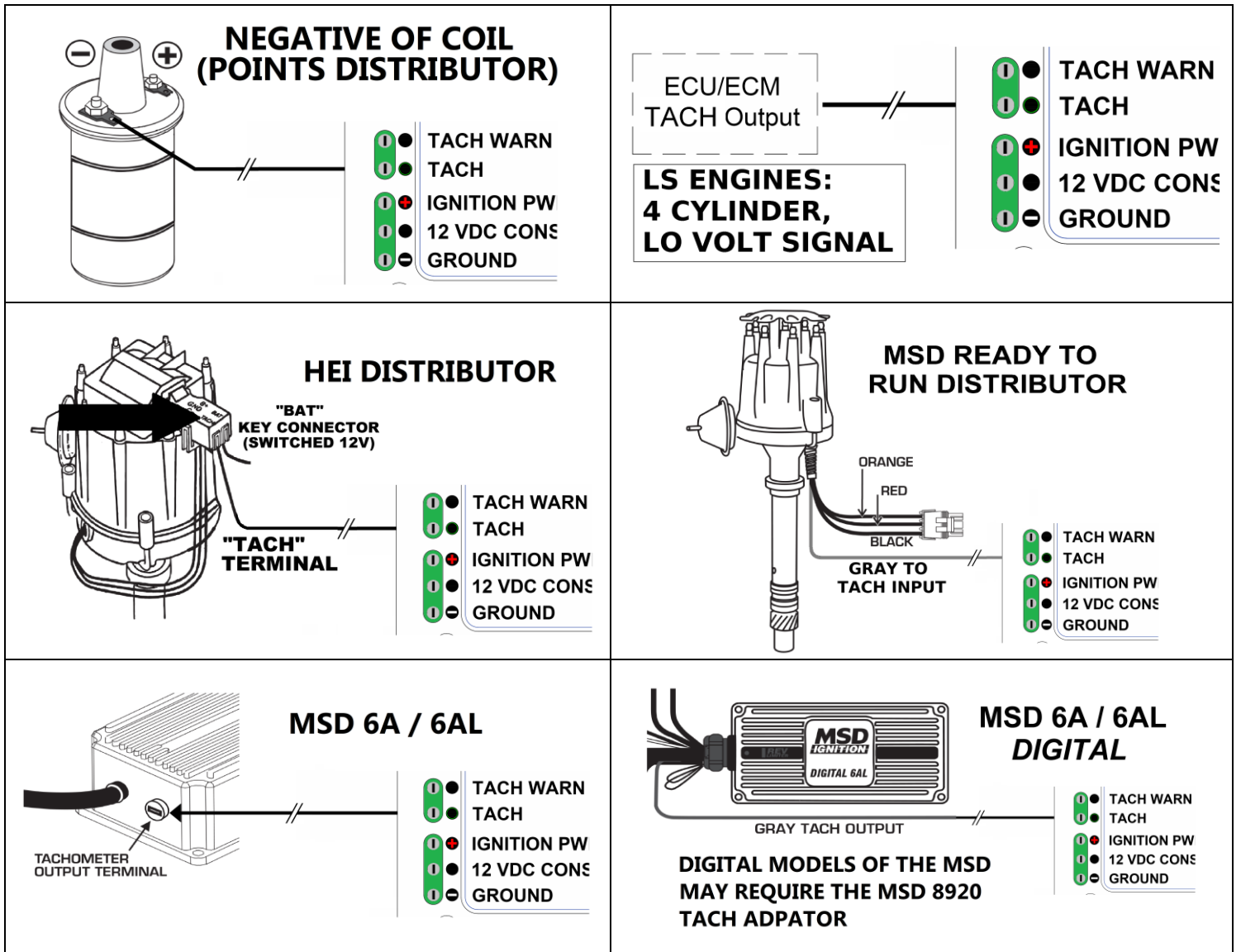
### • Sender Installation

- Oil
  - Chevy small block engines will require a short pipe to clear the manifold. A brass 1/8" NPT pipe nipple with a 45 or 90-degree elbow from a hardware store will work.
  - LS engines have a location above the oil filter that may have a 1/8" NPT port, or one can be tapped.
- Water
  - We recommend mounting our temp sender in the water flow exiting the engine near the thermostat.
  - Cylinder head mounting locations tend to read higher.
  - LS engines provide a 12mm x 1.5 port in the passenger side cylinder head.
    - The supplied metric adapter and crush washer must be used.

• **SPEED SENSOR WIRING OPTIONS**



• **TACH WIRING OPTIONS**



• Diesel engines will require the SGI-100BT to obtain a valid tachometer signal



• **Fuel Setup**

- To enter speed setup hold Switch 2 (II)
- Turn ignition on –> Release switch when display shows **SETUP**
- Tap left Switch 2 (II) to highlight **FUEL**
- Hold Switch 2 (II) to enter fuel setup –> Release when prompted
- The display will show **INPUT**
- Hold Switch 2 (II) to enter fuel sender choices –> Release when prompted
- Use the switches to scroll up or down to highlight your sender from the list below
- Select **ASIA 112-4** for your FJ
  - As each sender is highlighted, the fuel needle will respond to that choice

Fuel Sender type	Menu	Empty R	Full R
Chrysler – typically Ford 73-10 ohm	<b>FORD 73-10</b>	73 ohms	10 ohms
GM 0-30 ohm (mid 60's-earlier)	<b>GM 0-30</b>	0 ohms	30 ohms
GM 0-90 ohm (mid 60's-late 90's)	<b>GM 0-90</b>	0 ohms	90 ohms
GM 40-250 ohm (late 90's-later)	<b>GM 40-250</b>	40 ohms	249 ohms
GM 250-40 ohm	<b>GM 250-40</b>	249 ohms	40 ohms
GM 90-0 ohm (63-67 Corvette)	<b>63 VETTE</b>	90 ohms	0 ohms
FORD 73-10 ohm (earlier -late 80's)	<b>FORD 73-10</b>	73 ohms	10 ohms
FORD 20-150 ohm (late 80's-later)	<b>FORD 20-150</b>	20 ohms	150 ohms
VDO 10-180 ohm	<b>VDO 10-180</b>	10 ohms	180 ohms
SW/SUN 33-240	<b>SW 240-33</b>	240 ohms	33 ohms
ASIA 112-4 ohm (various imports)	<b>ASIA 112-4</b>	112 ohms	4 ohms
User programmed (Use if 112-4 does not work)	<b>MANUAL ADJ</b>	User settable	User settable

- Hold Switch 2 (II) to save, release when instructed on screen
- Tap Switch 2 (II) to highlight **BACK** –> Hold switch to save –> Release when prompted
- Tap Switch 1 (I) until you have **EXIT MENU** highlighted
- Hold switch to save –> Release when prompted

**See full installation manual for custom fuel sender calibration in the MANUAL ADJ mode**

• **Clock Setup**

- The clock is not on the main speed LCD screen, and must be added to a Group Screen
  - Small screens will only have two locations to display, Screen 1 and Screen 2
- Tapping Switch 2 (II) will change Group screens
- When the LCD is showing a clock, tap the Switch (I) to move a small arrow next to the clock
- Hold Switch 1 (I) –> Release when prompted –> The hours will begin flashing
- Tapping Switch 1 (I) will decrease hours, while the Switch 2 (II) will increase hours
- When the correct hour is displayed –> Hold either switch to save –> Release when prompted
- The minutes will be flashing –> Tap (I) to decrease minutes –> Tap (II) to increase minutes
- Hold either switch to save –> Release when prompted

• **Dakota Digital Automotive Bluetooth App**

- The free app for Apple and Android devices can be used to setup all the features
- The RTX system **MUST** be in Setup mode before changing settings
  - Only Androids **must** pair to RTX **before** opening the app

**⚠WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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