



## DriveRight 600

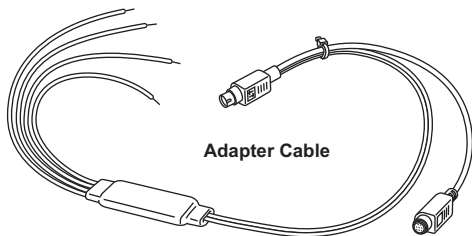
### INSTALLATION ADDENDUM

This Addendum provides additional instructions necessary to install the DriveRight 600 and is intended to be used with one of the DriveRight installation manuals listed below:

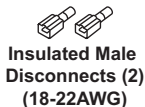
- If you are installing DriveRight 600 model number 8156GD or 8156HD, refer to the “DriveRight Installation Manual” (7395.043).
- If you are installing the DriveRight 600 model 8156VSS or 8156VE, refer to the “DriveRight VSS Installation Guide” (7395.062).

### Additional Components

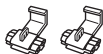
The following additional components are included with the DriveRight 600.



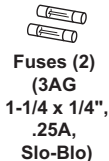
Adapter Cable



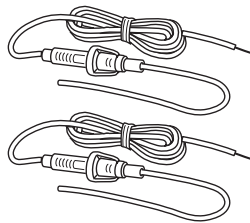
Insulated Male Disconnects (2)  
(18-22AWG)



In-Line Splice (2)



Fuses (2)  
(3AG  
1-1/4 x 1/4",  
.25A,  
Slo-Blo)



Blue Wire (2)  
with Fuseholder (22 AWG)



Butt Splices (3)  
(26-22AWG or  
24-20AWG)



T-Tap Disconnects (2)  
Red (18-22AWG)

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## Additional Installation Steps

In addition to connecting the DriveRight 600 to the DriveRight harness cable, two digital inputs are provided to monitor the on/off state of electrically powered devices. Use the wiring diagram on the next page to install your DriveRight 600.

### Wiring the Adapter Cable Digital Inputs

Two optional digital inputs can be used to monitor the on/off state of lights, brakes or 12 VDC electrical accessories.

1. Tap the red 12+ VDC wire from the Adapter Cable into the red wire in the Harness Cable. Be sure the Tap is protected by the Harness Cable fuse.
2. Connect the black ground wire from the Adapter Cable to the vehicle chassis.
3. Use the inline butt splices to connect the blue wires with fuses to the Green and Yellow digital input cables.
4. Connect digital input 1 to the desired circuit, typically the brakelight circuit.
5. Connect digital input 2 to the desired circuit, typically the headlight circuit.

### Connecting the Adapter Cable

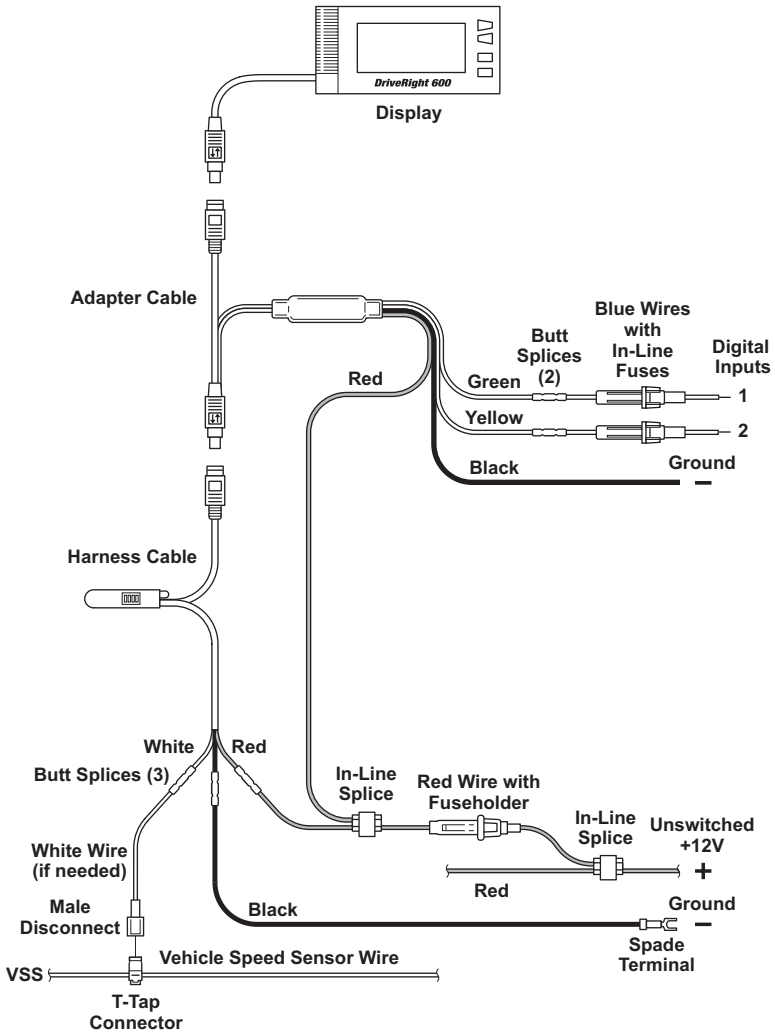
1. Connect the male end of the Adapter Cable to the Harness Cable
2. Connect the female connector of the Adapter Cable to the DriveRight 600 display or to the DriveRight GPS unit.

## Digital Input Specifications

Number of digital inputs: . . . . . 2  
Input 1 wire color: . . . . . Green  
Input 2 wire color: . . . . . Yellow  
Input Impedance: . . . . . > 1 Megaohm  
High input range: . . . . . 3 VDC min, system voltage max  
Low input range: . . . . . -0.5 min to 1.0 VDC max  
Input 1 Sampling: . . . . . Start and stop of trip, GPS record, Accident Log  
Input 2 Sampling: . . . . . Start and stop of trip, GPS record  
Input power requirements: . . . . . 12 VDC nominal  
Fuses (3): . . . . . 3AG, .25A, Slo-Blo (1.25 x .25", 6.4 x 31.8mm)

## Wiring Diagram for VSS and VF Installations

Refer to this wiring diagram to connect the DriveRight 600 digital inputs and to connect the Adapter Cable to the Harness Cable and DriveRight 600 display.



**Note:** If your DriveRight connects to a reed switch instead of the VSS wire, please refer to the Installation Manual included with your DriveRight to connect the Harness Cable to your vehicle. Otherwise the installation will be the same as shown in the VSS wiring diagram.

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## Contacting Davis Technical Support

If you have questions about your DriveRight 600, or encounter problems with it's use or installation, please contact Davis Technical Support.

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**Note:** *Please do not return items to the factory for repair without prior authorization.*

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**(510) 732-7814** – Call Technical Support, Monday through Friday, 7:00 a.m. to 5:30 p.m. Pacific Time.

**(510) 670-0589** – Fax to Technical Support.

**support@davisnet.com** – E-mail to Technical Support.

**info@davisnet.com** – General e-mail to Davis Instruments.

**www.davisnet.com** – Copies of User Manuals are available on the “Support” page. Watch for FAQs and other updates.

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Product Number: 8156

Davis Instruments Part Number: 7395.193

DriveRight 600 Installation Addendum  
Rev B Manual (December 20, 2002)

This product complies with the essential protection requirements of the EC EMC Directive 89/336/EC.

The term "IC:" before the radio certification number only signifies that Industry of Canada technical specifications were met.

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