

DriveRight® 600E

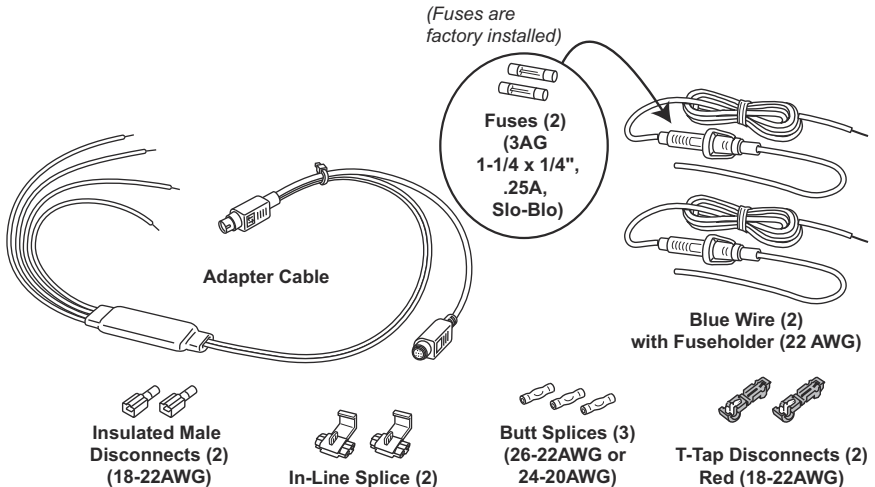
ADAPTER CABLE

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

- If you are installing DriveRight 600E model number 8126GD or 8126HD, refer to the “DriveRight Installation Manual” (7395.043).
- If you are installing the DriveRight 600E model 8126VSS, refer to the “DriveRight VSS Installation Guide” (7395.062).
- If you are installing the DriveRight 600E model 8126OBD, refer to the “DriveRight OBD Installation Guide” (7395.198).

Additional Components

The following additional components are included with the DriveRight 600E.



Additional Installation Steps

In addition to connecting the DriveRight 600E 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 600E.

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

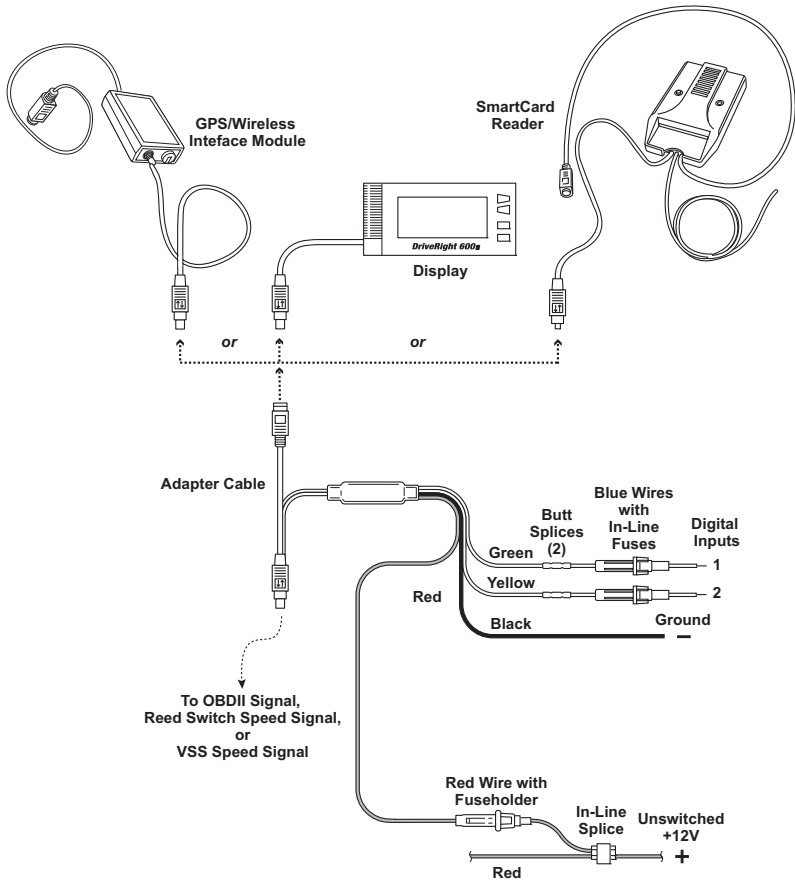
1. Connect the male end of the Adapter Cable to the Harness Cable
2. Connect the female connector of the Adapter Cable to the DriveRight 600E display, the DriveRight SmartCard Reader (if used), or the DriveRight GPS/Wireless Interface Module (if used).

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, 0.25A, Slo-Blo (1.25 x 0.25", 6.4 x 31.8mm)

Wiring Diagram

Refer to this wiring diagram to connect the DriveRight 600E digital inputs and to connect the Adapter Cable to a DriveRight 600E display, GPS/Wireless Interface Module, or SmartCard Reader.



Note: Refer to the manual that came with your product for further wiring instructions. Manuals are available online at www.davisnet.com/support.

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.

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

(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.

Product Number: 8161
DirveRight 600E Adapter
Rev C (December 2, 2009)

Davis Instruments Part Number: 7395.193

DriveRight is a registered trademark of Davis Instruments.

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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3465 Diablo Avenue, Hayward, CA 94545-2778 U.S.A.

510-732-9229 • Fax: 510-732-9188

E-mail: info@davisnet.com • www.davisnet.com