An ISO 9001:2008 Registered Company

CVC571-A CAN Vehicle Controller
2011 Ford F250-550 - All Engines

Contact InterMotive for additional vehicle applications.

System Operation

The CVC571-A is designed to provide a discrete wire vehicle speed signal (Vss 2.2Hz/mph output) for Ford's 2011 Super Duty trucks. This information is acquired using the OEM CAN communication from the OBDII connector and a 0-12V square wave is output for connection to 3rd party equipment.

Installation Instructions

Remove the lower dash panel below the steering column area and find a suitable location to mount the CAN Vehicle Controller module. Do not mount the module until all wire harnesses are routed and secure (last step of the installation is to mount the module).

Data Link Harness

- Locate the vehicle OBDII Data Link Connector. It will be located below the lower left dash panel.
- Remove the mounting screws for the OBDII connector. Plug the red connector from the CVC571-A Data Link T-Harness into the vehicle OBDII connector. Ensure the connection is fully seated and secured with the supplied wire tie.
- Mount the black connector from the CVC571-A Data Link Harness in the former location of the vehicle OBD II connector.

- Secure the CVC571-A harness so that it does not hang below the lower dash panel.
- Plug the 4-pin connector from the Data Link Harness into the 4-Pin connector on the module.

Vehicle Speed Output

The CVC571-A will provide a vehicle speed signal (Vss 2.2Hz/mph output) on the 8-pin connector Pin #7 Orange wire. Note that using this signal to determine precise distance traveled by 3rd party equipment can introduce errors due to differing sample rates of the CVC571-A and attached equipment, especially during acceleration/deceleration.

Post Installation Test - Testing is a two person operation, one to drive, another to observe the CVC571-A output. For safety purposes, reinstall the driver's under dash panel and secure all wiring.

- Using a test meter or light, verify the pin 7 orange wire output changes between 0-12V about twice per second when driving 1mph. At 10 mph, this output should change 22 times/second and so on.

The CVC571-A is properly installed only if it passes the above test.
If any irregular operational issues persist,
contact InterMotive at 530-346-1801 for technical assistance.

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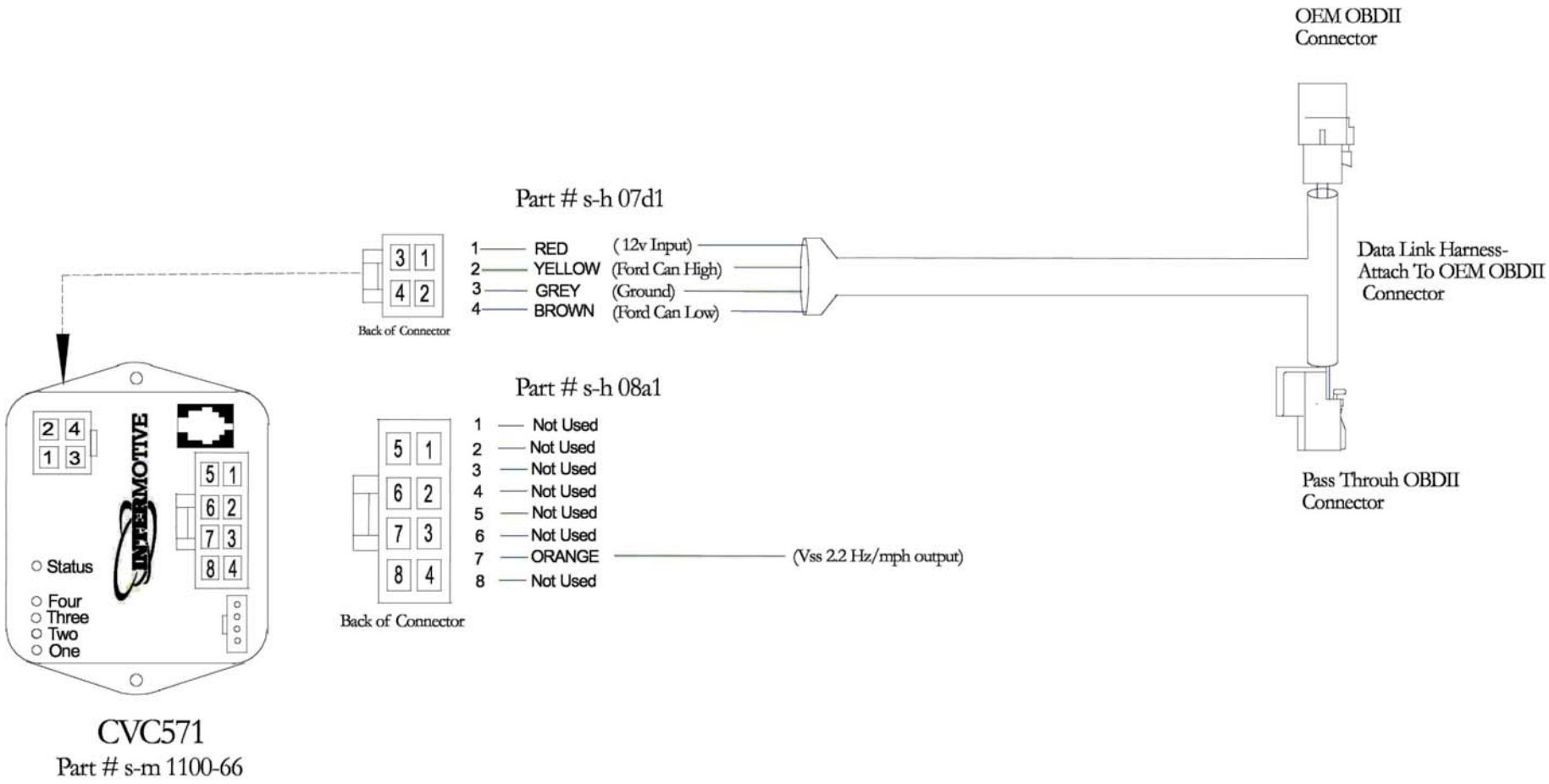

Submit product registration at www.intermotive.net

If the CVC571-A fails any step in the Post Installation Check List, review the installation instructions and check all connections. If necessary, call

InterMotive Technical Support @ (530) 823-1048.

CVC571-A-01-CAD