

Racepak Technical Bulletin

V300SD Trans-Brake Event Monitoring



DATA ACQUISITION SYSTEMS AN MSD BRAND IGNITION

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Applicable with V300SD data recorder only

Required parts:

3-pin Molex mating connector Racepak part number 800-CN-MOL3 (**Sold separately**)

Typically when using an automatic transmission, the yellow cable in the main harness is not used. After performing the following instructions, the data system will be able to monitor the trans-brake signal (on/off). This is used as an event marker which allows the user to “zero” the data graph consistently as well as collect vehicle reaction data when compared to other recorded data.

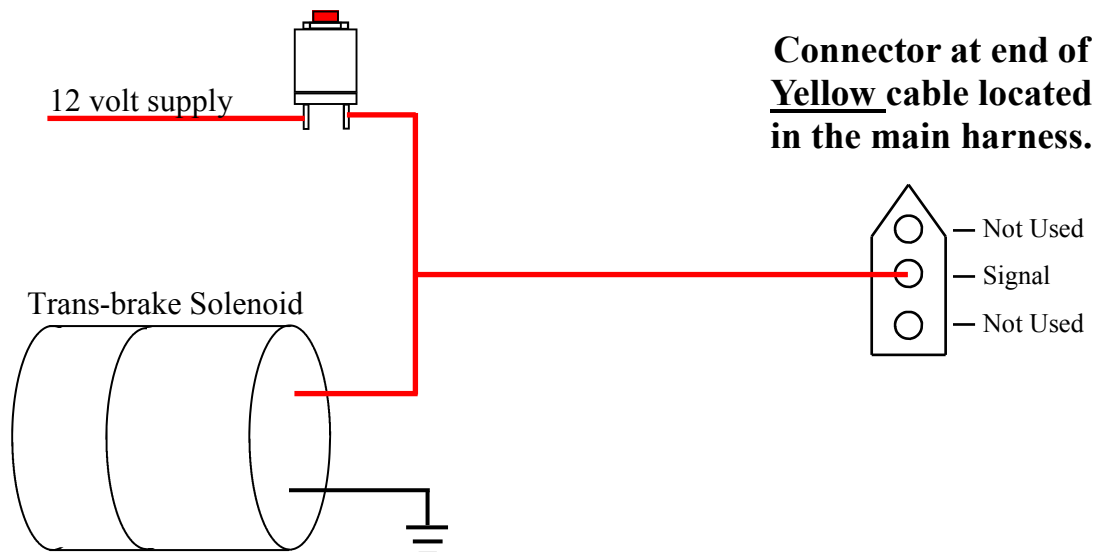
In order to utilize this feature, Digital Input #3 sensor must be set to **Ground Trigger Event** in the software. At this point, the data system will be looking for a ground signal. When connected to the normally open 12 volt wire on the trans-brake solenoid, the system will receive a ground signal (sensed through the un-energized coil of the trans-brake). When the solenoid is energized, therefore removing the ground signal from the wire, the graph will display the event.

In most cases the yellow cable on the main harness will have been factory terminated with a 3-pin Molex type connector on the end of the yellow cable.

Using the purchased 3-pin Molex mating connector, terminate a wire and insert the wire in the center pin of the mating connector.

Plug the mating connector into the connector on the yellow cable and secure the cable and connector assembly.

Wire as shown below;



Any questions regarding this procedure, please contact our Technical Sales staff for help.