



APEXS, INC.

Applied Expert Systems, Inc.

DriveRight[®] Precision Pulse Reference (DPR)



USERS GUIDE

Davis DriveRight® DPR users guide

- 1) Purpose of the DriveRight® Precision Pulse Reference (DPR)
Davis pn # 8191
 - a. Troubleshooting all models of DriveRight to identify defective units.
 - b. Use as a "Desk top" data simulator for training drivers (log-in, log-out, driver ID and vehicle location entry) in the use of the DriveRight.
 - c. Can be used to confirm/verify correct Pulse Per Mile (PPM) calibration of VSS DriveRight units.
- 2) Using the DPR for troubleshooting
 - a. Connect the DPR to any model DriveRight and select Log-Out. The DPR Red Activity light will come on and the DriveRight should have a normal display, but NO speed indication.
 - b. Select any of the PPM positions on the DPR (the red activity light will start flashing) and the DriveRight should display a simulated speed that will change in proportion to the PPM selected.
 - c. For the VSS model DriveRight, when the PPM to which the DriveRight is calibrated is selected on the DPR, 40 Kph or 25 Mph is displayed. This is the calibration confirmation mode for the DPR
- 3) Using the DPR to calibrate the VSS model DriveRight.
 - a. Connect the DriveRight to the download inter-face and PC. Use the FMS software to select the correct PPM for the vehicle(s) scheduled for DriveRight installation.
 - b. The DPR is used to generate the correct PPM (2000, 4000, 5000 or 8000).
 - c. Calibration is accomplished as per indicated in the DriveRight users guide.

Illustrations below differentiate DriveRight Pulse Reference (DPR) connection between DriveRight 600 and all other DriveRight models.

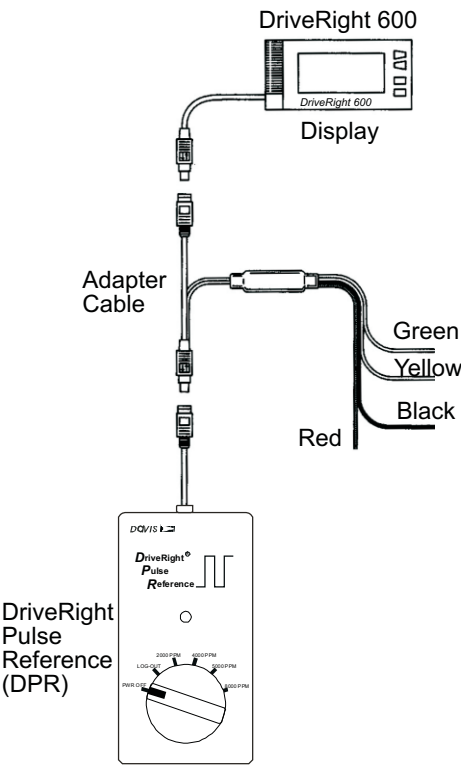


Figure 1.
Connection between DPR and
DriveRifgt 600

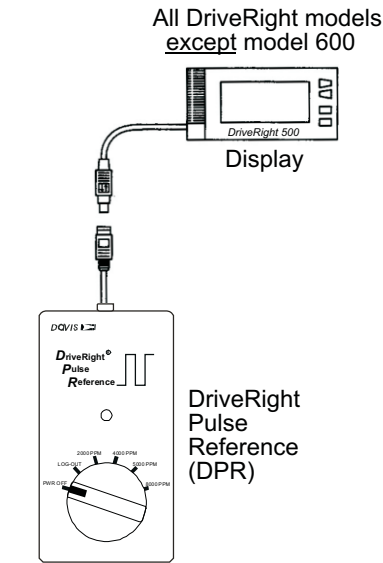


Figure 2.
Connection between DPR and
all DriveRight models except
DriveRight 600.



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