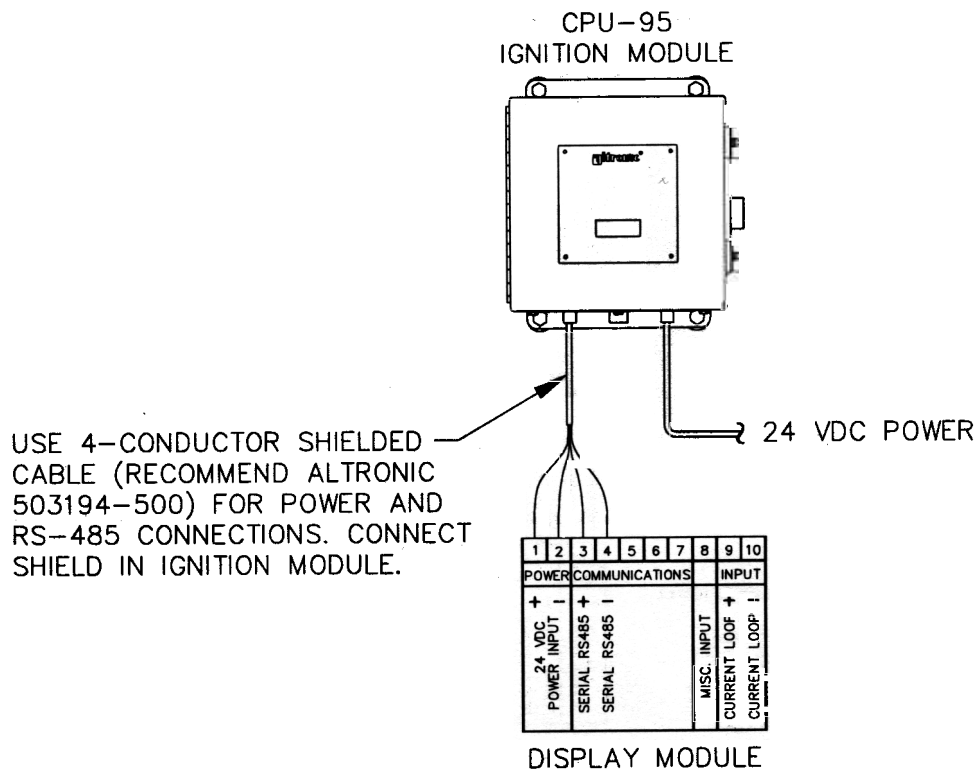


NUMBER: 25 DATE: February 8, 1999 x APPLICATION x SERVICE

SUBJECT: CPU-95 Display Module Wiring

The CPU-95 Display Module requires that the wiring be routed according to the attached sketches to operate correctly. Incorrect wire routing can result in improper operation of the Display Module as well as damage to the RS-485 communication circuitry. Altronic CPU-95 Installation Instructions, FORM CPU-95 II 1-99, contain revised and clarified wiring diagrams of the Ignition Module (DWG 709 966), and Display Module (DWG 709 967). These instructions note the proper routing of the 24VDC power to the Ignition Module first, which is then routed to the Display Module via a four conductor shielded cable. This arrangement assures that the Display Module's power ground is at the same potential as that of the Ignition Module, thus eliminating communications errors and preventing damage to the communications chips. Adherence to this wiring detail is essential for proper operation of this system. The display module must receive its 24VDC power from the ignition module, not directly from the 24VDC supply.



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