NOTE: This sheet is meant for system orientation and contains detailed wiring instructions. Refer to following sheets for detailed wiring instructions.

NOTE: D10A is a stand-alone backup.
Title: WIRING DIAGRAM TYPICAL HDX DUAL DISPLAY

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DYNON
EMS WIRING - THERMOCOUPLES

TO EGT SENSORS

NOTE: FOR ENGINES WITH LESS THAN 6 CYLINDERS DISCONNECT UNUSED PROBES.

TO CHT SENSORS

NOTES:
- Prefabricated harness for 4 and 6 cylinder engines are available from Dynon and their vendors.
- Notes here colors shown match prefabricated harness.
EMS WIRING - FUEL, OIL, VOLTS, MAP

**Note:** Consult Skyview System Installation Guide for advice regarding the use of common sensor technologies with Skyview EMS.

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**EMS**

**SU-EMS-220**

- **P201 1 (8-30 VDC)**
- **P201 2 (8-30 VDC)**
- **P201 3 (Ground)**
- **P201 4 (Orange/Brown, Splice)**
- **P201 5 (Yellow, Splice)**
- **P201 6 (Black, Splice)**
- **P201 7 (Orange/Blue, Splice)**
- **P201 8 (White/Yellow, Splice)**
- **P201 9 (Orange/Brown, Splice)**
- **P201 10 (Ground)**

**General Purpose Input 9 (0-5 VDC)**

**Enhanced General Purpose Input 13 (0-5 VDC)**

**AUX Power Out (SU, Max 300mA)**

**Ground**

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**Note:** Dynon EMS supports many common oil pressure and oil temperature sensors. Consult installation guide for details.

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**OIL PRESSURE**

- **Green/Red, Signal Out**
- **Red, Power IN**
- **Black, Power Ground**

**FUEL PRESSURE**

- **Green/Red, Signal Out**
- **Red, Power IN**
- **Black, Power Ground**

**MANIFOLD PRESSURE**

- **Green/Red, Signal Out**
- **Red, Power IN**
- **Black, Power Ground**

**Notation:** Pre-fabricated harness available from Dynon Avionics and their vendors. Note: Wire colors shown match pre-fabricated harness.
NOTE: When using SkyView to control brightness of external devices, connect the device to only one display. Redundant dimming control is not supported.