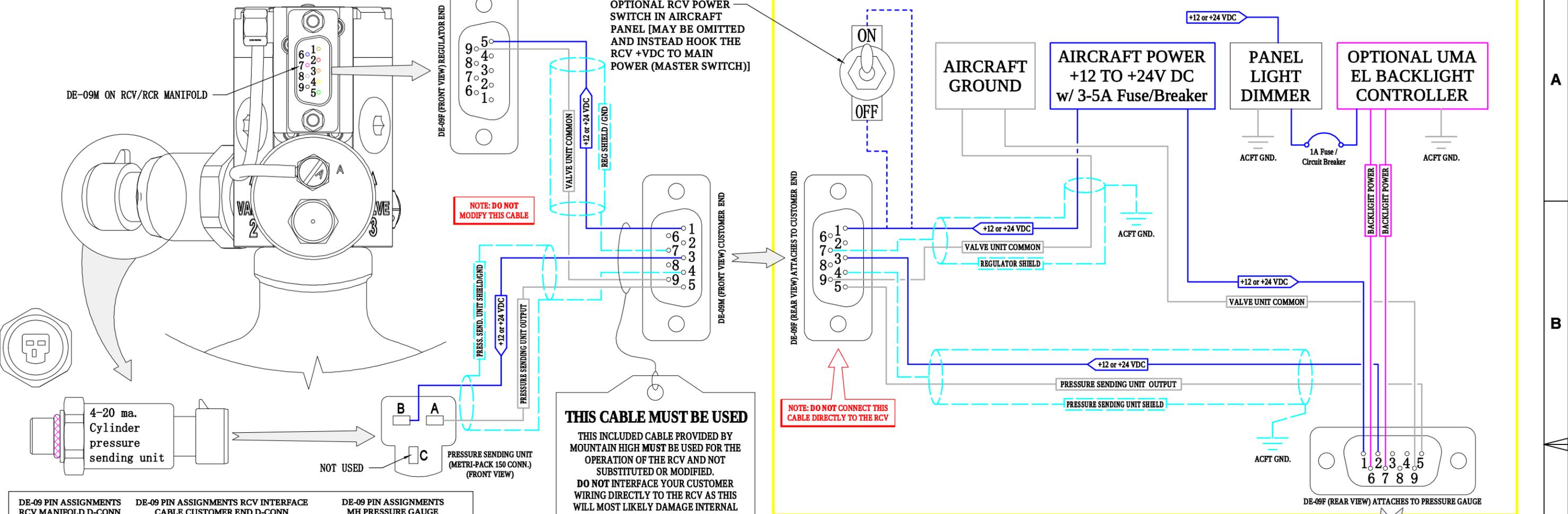


RCV-2D STANDARD WIRING CONFIGURATION:

CUSTOMER PROVIDED WIRING & ELECTRONICS



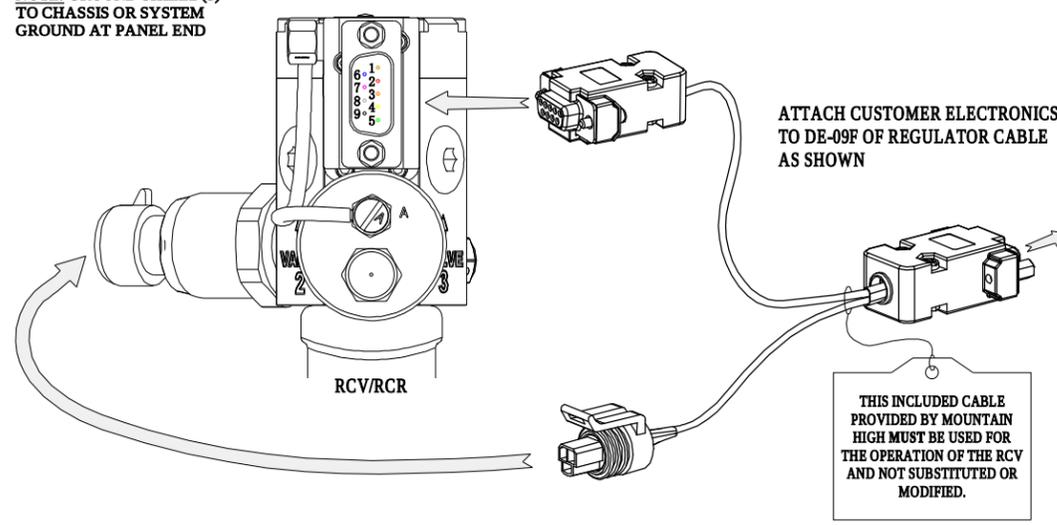
NOTE: DO NOT MODIFY THIS CABLE

NOTE: DO NOT CONNECT THIS CABLE DIRECTLY TO THE RCV

THIS CABLE MUST BE USED
 THIS INCLUDED CABLE PROVIDED BY MOUNTAIN HIGH MUST BE USED FOR THE OPERATION OF THE RCV AND NOT SUBSTITUTED OR MODIFIED. DO NOT INTERFACE YOUR CUSTOMER WIRING DIRECTLY TO THE RCV AS THIS WILL MOST LIKELY DAMAGE INTERNAL ELECTRONICS. SOME PINS ON THE RCV DE-09 CONNECTOR ARE USED FOR INTERNAL PRODUCTION TESTING / DIAGNOSTICS.

DE-09 PIN ASSIGNMENTS RCV MANIFOLD D-CONN	DE-09 PIN ASSIGNMENTS RCV INTERFACE CABLE CUSTOMER END D-CONN	DE-09 PIN ASSIGNMENTS MH PRESSURE GAUGE
1 N/C	1 VALVE UNIT (+Vdc)	1 +12 to +24Vdc
2 N/C	2 N/C	2 INTERNALLY CONNECTED TO PIN 1
3 N/C	3 +12 TO +24 Vdc (TO PRESSURE SENDING UNIT)	3 N/C (LEGACY USE NOW OBSOLETE)
4 N/C	4 PRESSURE SENDING UNIT SHIELD GROUND	4 N/C
5 VALVE UNIT (+Vdc)	5 PRESSURE SENDING UNIT SHIELD GROUND	5 PRESSURE SENDING UNIT OUTPUT
6 N/C	6 PRESSURE (TANK) SENDING UNIT OUTPUT	6 +V (AC) BACKLIGHT POWER
7 N/C	7 N/C	7 +V (AC) BACKLIGHT POWER
8 N/C	8 VALVE UNIT SHIELD GROUND	8 INTERNALLY CONNECTED TO PIN 9
9 VALVE UNIT (COMMON)	9 VALVE UNIT (COMMON)	9 GROUND (COMMON)

NOTE: GROUND SHIELD(S) TO CHASSIS OR SYSTEM GROUND AT PANEL END



SIMPLE LAYOUT SCHEMATIC

REVISION HISTORY			
REV	ECO NO. YYYY-MM-DD	NAME	NOTES
-	2024-051 2024-10-08	KQM	INITIAL RELEASE
-1	2026-006 2026-02-18	KQM	RCV-2D version only

MOUNTAIN HIGH E&S CO. REDMOND, OR. USA

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RCV-2D Standard Wiring Configuration & Schematic

DOC NUMBER: **5RCVR-081-000**

DWG REV: **-1**

MODEL: **RCV-2D**

DWG SHEET: **1 OF 1**

DWG SIZE: **17x11**

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWN: KQM 2024-10-08

CHECKED: EAM 2024-10-11

ENGINEER: JB 2024-10-11

APPROVED: HBS 2024-10-11

DOC TITLE: RCV-2D Standard Wiring Configuration & Schematic

DOC NUMBER: 5RCVR-081-000

DWG REV: -1

MODEL: RCV-2D

DWG SHEET: 1 OF 1

DWG SIZE: 17x11

SRDFILE: 5RCVR-081-000-1

INV. PART NUMBER: N/A

DWG FORMAT: ESR-002 Rev H [27]

DWG SCALE: NTS