Field Wiring Reference Table

55 x 2V sectioned as 14+14+14+13

Wire	Color	CB#1	\checkmark	CB#2	1	CB#3	√	CB#4	1	CB#5	√	CB#6	\checkmark
#1	BROWN	RM+	BUS+	B6+		B11+		B16+		B21+		B26+	
#2	RED	RM+	возт	B6-		B11-		B16-		B21-		B26-	
#3	ORANGE	B1+		B7+		B12+		B17+		B22+		B27+	
#4	YELLOW	B1-		B7-		B12-		B17-		B22-		B27-	
#5	GREEN	B2+		B8+		B13+		B18+		B23+		B28+	
#6	BLUE	B2-		B8-		B13-		B18-		B23-		B28-	
#7	VIOLET	B3+		B9+		B14+		B19+		B24+		B29+	
#8	SLATE	В3-		В9-		B14-		B19-		B24-		B29-	
#9	WHITE	B4+		B10+		B15+		B20+		B25+		B30+	
#10	BLACK	B4-		B10-		B15-		B20-		B25-		B30-	
#11	TAN	B5+		T1+		RM1	14-	T2+		NC		RM2	28-
#12	PINK	B5-		T1-		RM1		T2-		NC		RM2	
Wire	Color	CB#7	√	CB#8	1	CB#9	٧	CB#10	1	CB#11	1	CB#12	1
Wire #1	Color BROWN	CB#7	V	CB#8 B36+	√	CB#9 B41+	√	CB#10 B46+	√	CB#11 B51+	√	CB#12 B57+	٧
			٧		√		√		√		√		V
#1	BROWN	B31+	V	B36+	1	B41+	√	B46+	1	B51+	√	B57+	V
#1 #2	BROWN RED	B31+ B31-	√	B36+ B36-	√	B41+ B41-	√	B46+ B46-	√	B51+ B51-	1	B57+ B57-	√
#1 #2 #3	BROWN RED ORANGE	B31+ B31- B32+	V	B36+ B36- B37+	√ 	B41+ B41- B42+	√ 	B46+ B46- B47+	√ 	B51+ B51- B52+	√ 	B57+ B57- B58+	1
#1 #2 #3 #4	BROWN RED ORANGE YELLOW	B31+ B31- B32+ B32-	1	B36+ B36- B37+ B37-	√ 	B41+ B41- B42+ B42-	V	B46+ B46- B47+ B47-	√ 	B51+ B51- B52+ B52-	√ 	B57+ B57- B58+ B58-	V
#1 #2 #3 #4 #5	BROWN RED ORANGE YELLOW GREEN	B31+ B31- B32+ B32- B33+	V	B36+ B36- B37+ B37- B38+	√ 	B41+ B41- B42+ B42- B43+	1	B46+ B46- B47+ B47- B48+	√ 	B51+ B51- B52+ B52- B53+	√ 	B57+ B57- B58+ B58- B59+	√
#1 #2 #3 #4 #5 #6	BROWN RED ORANGE YELLOW GREEN BLUE	B31+ B31- B32+ B32- B33+ B33-	V	B36+ B36- B37+ B37- B38+ B38-	√ 	B41+ B41- B42+ B42- B43+ B43-	1	B46+ B46- B47+ B47- B48+ B48-	√ 	B51+ B51- B52+ B52- B53+ B53-	√	B57+ B57- B58+ B58- B59+ B59-	V
#1 #2 #3 #4 #5 #6 #7	BROWN RED ORANGE YELLOW GREEN BLUE VIOLET	B31+ B31- B32+ B32- B33+ B33- B34+	V	B36+ B36- B37+ B37- B38+ B38- B39+	√ 	B41+ B41- B42+ B42- B43+ B43- B44+	V	B46+ B46- B47+ B47- B48+ B48- B49+	√ 	B51+ B51- B52+ B52- B53+ B53- B54+	√ 	B57+ B57- B58+ B58- B59+ B59- B60+	√
#1 #2 #3 #4 #5 #6 #7 #8	BROWN RED ORANGE YELLOW GREEN BLUE VIOLET SLATE	B31+ B31- B32+ B32- B33+ B33- B34+ B34-	V	B36+ B36- B37+ B37- B38+ B38- B39+ B39-	\ 	B41+ B41- B42+ B42- B43+ B43- B44+ B44-	V	B46+ B46- B47+ B47- B48+ B48- B49+ B49-	\ 	B51+ B51- B52+ B52- B53+ B53- B54+ B54-	\ 	B57+ B57- B58+ B58- B59+ B59- B60+ B60-	V
#1 #2 #3 #4 #5 #6 #7 #8	BROWN RED ORANGE YELLOW GREEN BLUE VIOLET SLATE WHITE	B31+ B31- B32+ B32- B33+ B33- B34+ B34- B35+	V	B36+ B36- B37+ B37- B38+ B38- B39+ B39- B40+	\ 	B41+ B41- B42+ B42- B43+ B43- B44+ B44- B45+	42-	B46+ B46- B47+ B47- B48+ B48- B49- B50+	\ 	B51+ B51- B52+ B52- B53+ B53- B54+ B54- B55+	\ 	B57+ B57- B58+ B58- B59+ B59- B60+ B60- NS1	√ BUS-

T1: Ambient Temperature, mount to battery rack to sense the air temperature.

T2: Pilot, mount to BAT#20 cleaned surface with 3M VHB tape. T3: Pilot, mount to BAT#50.

All voltage sensing leads to battery posts are using 500mA fuses. 5 IR leads are using 10A fuses. Do NOT cut excess cables, keep and secure as service loops.

RM+ (2-wire merged) on top of BAT#1+ post. RM- (2-wire) on top of BAT#55- post. 10A fuses.

RM1 (2-wire merged) on BT#14-. RM2 (2-wire) on BT#28-. RM3 (2-wire) on BT#42- post. 10A fuses.

CT+12V, CT-12V, CTIS, CTGD to Current Transducer 4-wire (Red/White/Green/Black).

NC is not connected. (Spare wire, replace broken wire.) NS1 and NS2 are not connected.