

CAUTION

**PLEASE CONTACT CURRY
SUPPLY COMPANY BEFORE
ATTEMPTING ANY CHANGES TO
THE ELECTRICAL SYSTEMS.
DOING SO MAY CAUSE
EQUIPMENT DAMAGE OR VOID
WARRANTY.**

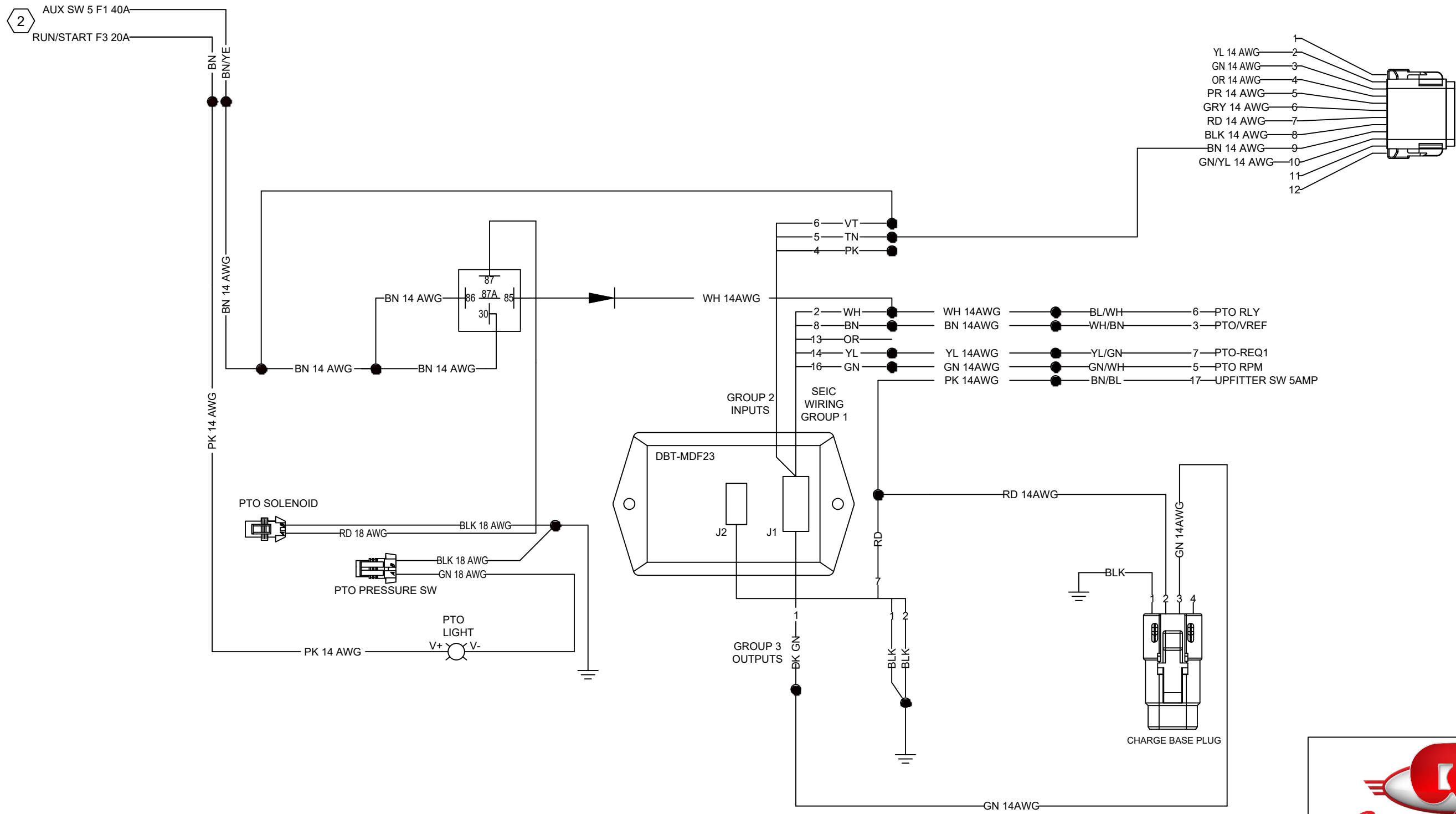
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- NOTES:
- 1 LOCATION OF SEIC WIRES ARE PASSENGERSIDE KICK PANEL
 - 2 LOCATION OF UPFITTER SWITCH WIRES AND RUN/START IGNITION IS LOCATED PASSENGER SIDE ENGINE COMPARTMENT
 - 3 START STOP WIRES ARE LOCATED PASSENGERSIDE KICK PANEL REMOVE J6 CONNECTOR AND LOCATE PIN 3 (STOP) AND BREAK THE CONNECTION AND TIE EACH SIDE TO THE RLY SHOWN RLY SHALL BE LOCATED PASSENGERSIDE KICK PANEL
 - 4 REMOVE J6 CONNECTOR AND LOCATE PIN 4 (START) SPLICE PR 14AWG SPLICE PR 14AWG DIRECTLY TO PIN 4 (START)
 - 5 USE BREAKER THAT COMES WITH COMPRESSOR

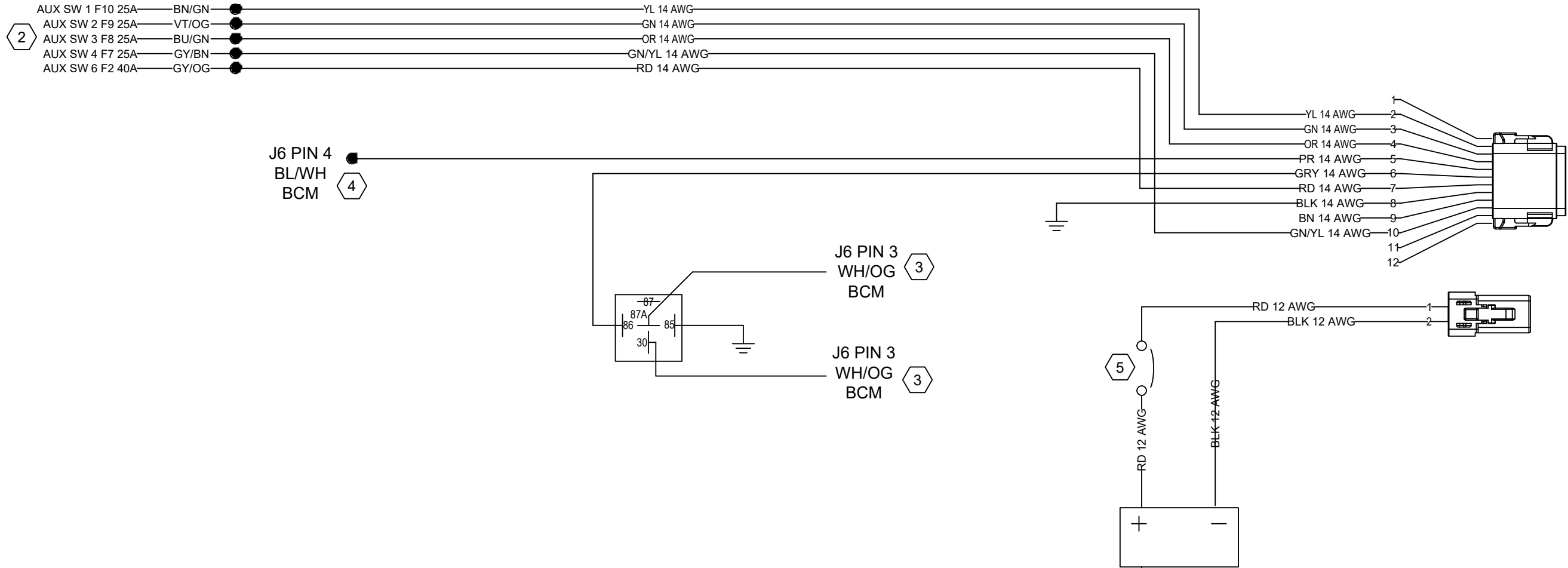


TITLE: STELLAR CRANE/COMP 2023+ FORD WILCOX		DATE 11/07/24
SIZE	DRAWING NO. 2187-1033	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 4

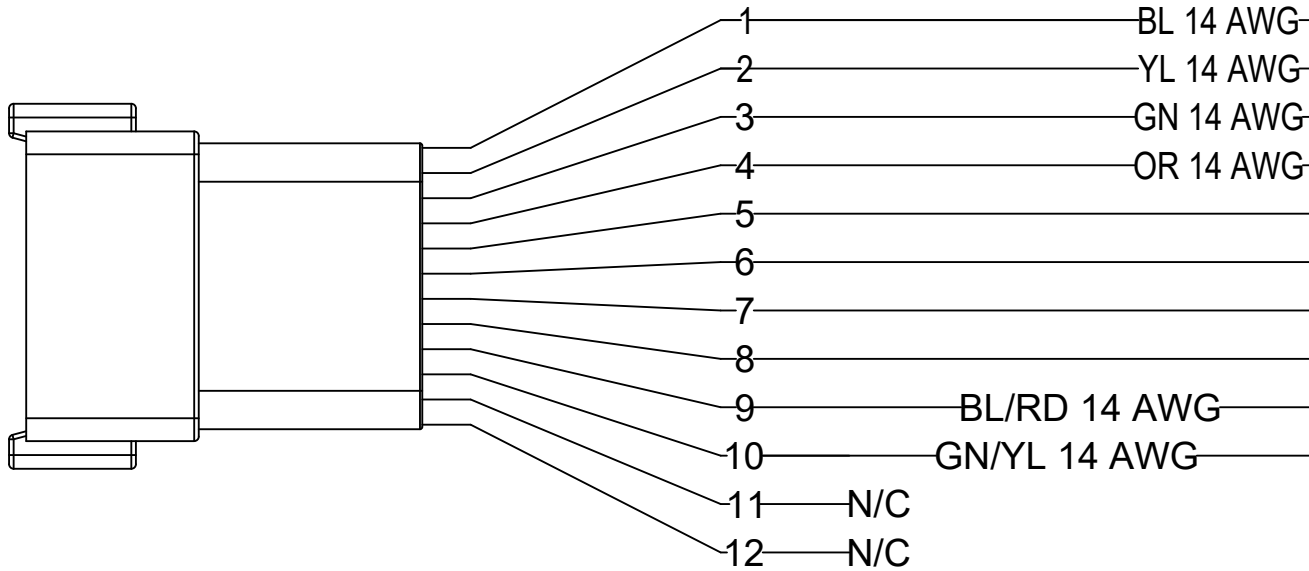




TITLE: STELLAR CRANE/COMP 2023+ FORD WILCOX		DATE 11/07/24
SIZE	DRAWING NO. 2187-1033	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 4



BED WIRING

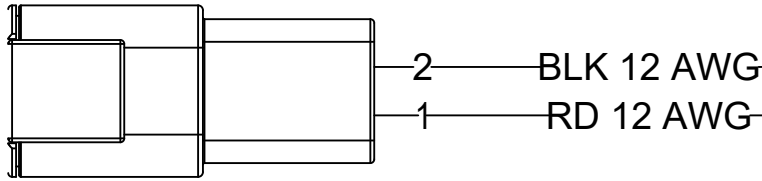


LIGHTS

BL- STROBE LIGHT
YL - LEFT WORK LIGHT
GN RIGHT WORK LIGHT
OR COMPARTMENT LIGHT

CRANE

START/STOP - PURPLE
RD - CRANE POWER
BLK - CRANE GROUND
GN/YL - COMPRESSOR RLY
BL/RD - SPEED CONTROL
GY - STOP



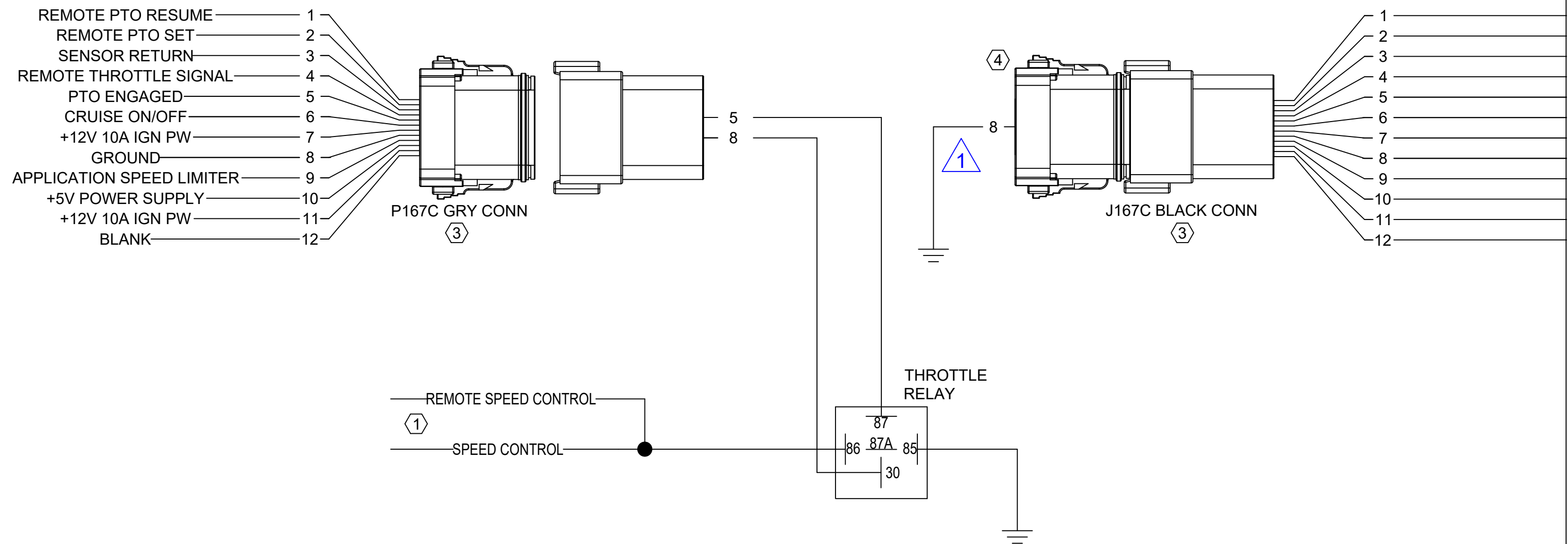
COMPRESSOR

BL/RD - SPEED CNTRL
BLK - COMPRESSOR GND
RD - COMPRESSOR BAT POWER
GN/YL - COMPRESSOR RLY

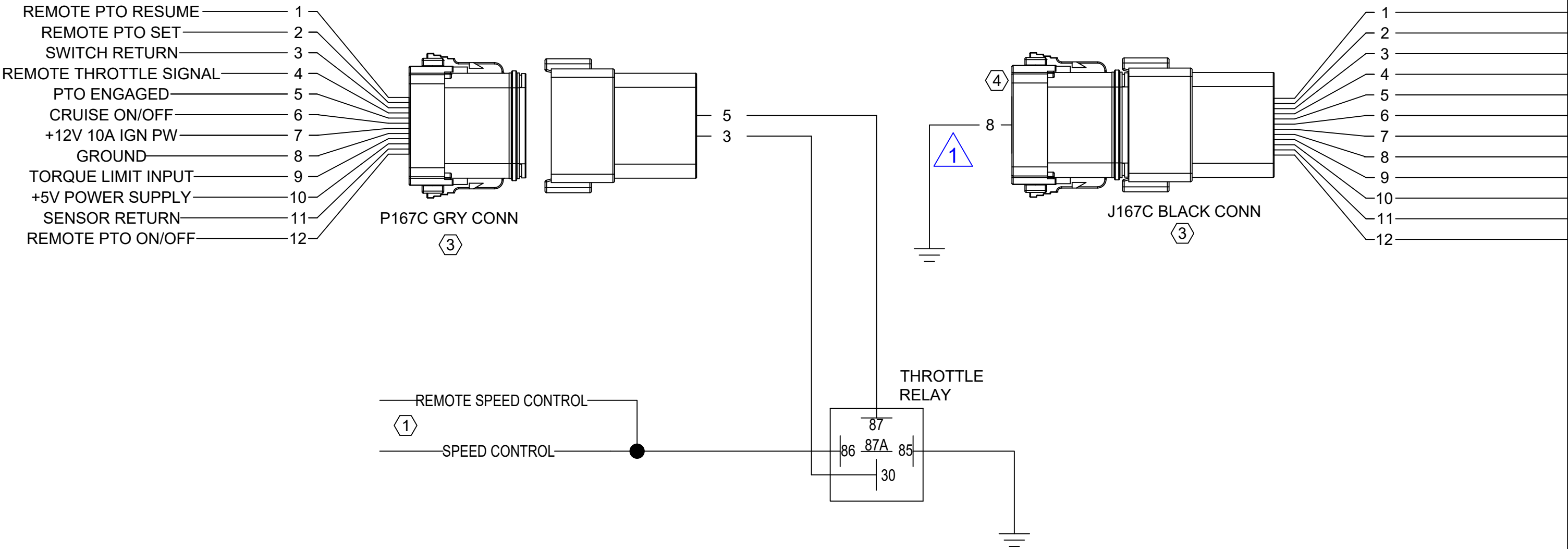


TITLE: STELLAR CRANE/COMP 2023+ FORD WILCOX		DATE 11/07/24
SIZE	DRAWING NO. 2187-1033	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 4 OF 4

REVISION TABLE				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	ADDED GROUND WIRE	02/20/2024	JS



- NOTE:
- 1 THIS IS ASSUMING THIS IS A STELLAR BUILD WITH PDM INSTALLED
IF THERE IS NO PDM ADD DIODE TO SPEED CONTROL
 - 2. THIS SCHEMATIC IS FOR A MX MOTOR ONLY
 - 3 DISSCONNECT FACTORY HARNESS LOCATED DRIVER SIDE IN THE ENGINE BAY
 - 4 ADD 12PIN MALE WITH PLUGS



NOTE:

- 1) THIS IS ASSUMING THIS IS A STELLAR BUILD WITH PDM INSTALLED
IF THERE IS NO PDM ADD DIODE TO SPEED CONTROL WIRE
- 2. THIS SCHEMATIC IS FOR A CUMMINS MOTOR ONLY
- 3) DISCONNECT FACTORY HARNESS LOCATED DRIVER SIDE IN THE ENGINE BAY
- 4) ADD 12PIN MALE WITH PLUGS



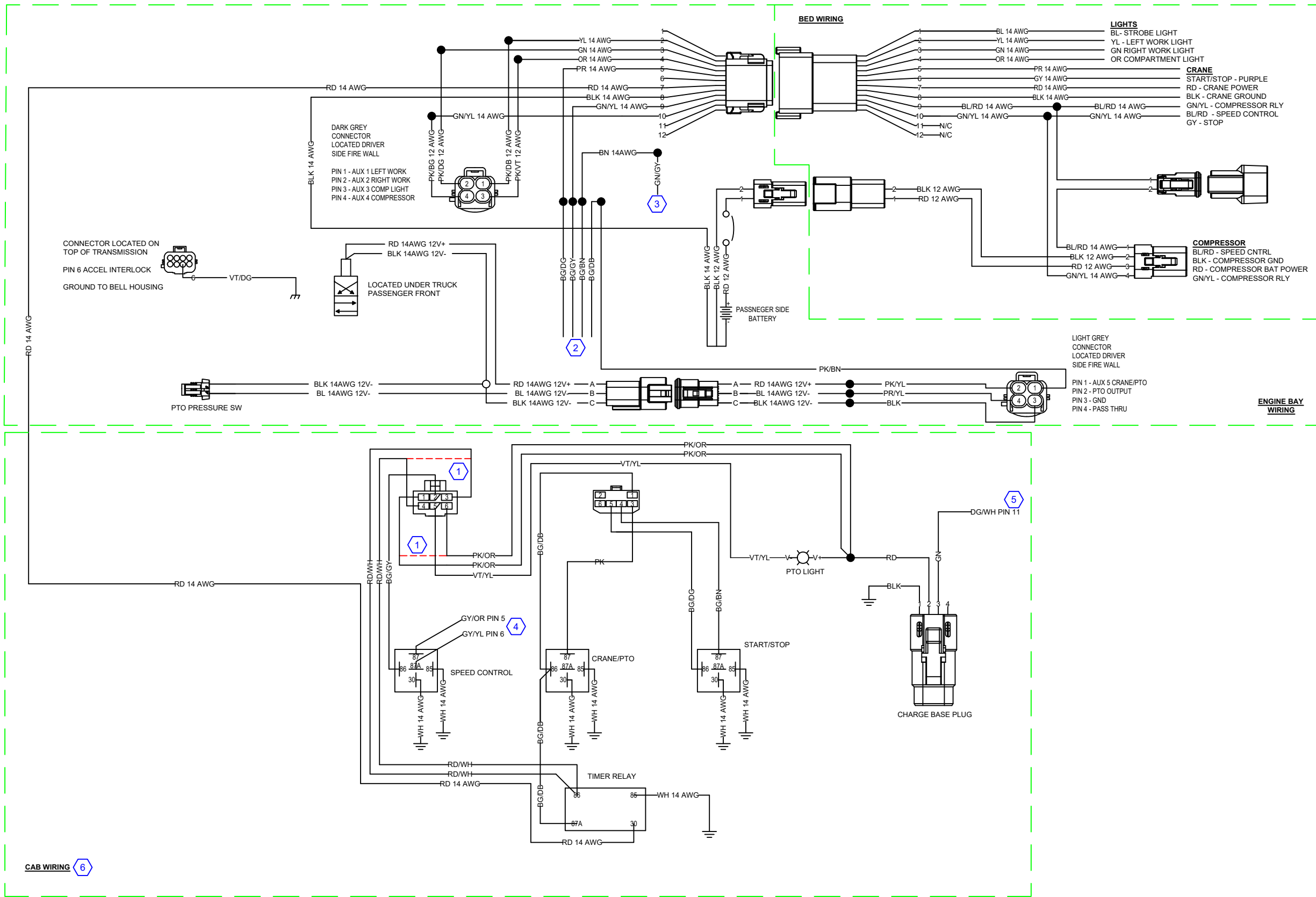
TITLE: PETERBILT PTO SCHEMATIC 2023		DATE 12/5/23
SIZE A3	DRAWING NO. 2187-1034	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2

ARROW IS
POINTING TO P111
CONNECTOR
LOCATED DRIVER
SIDE ENGINE BAY





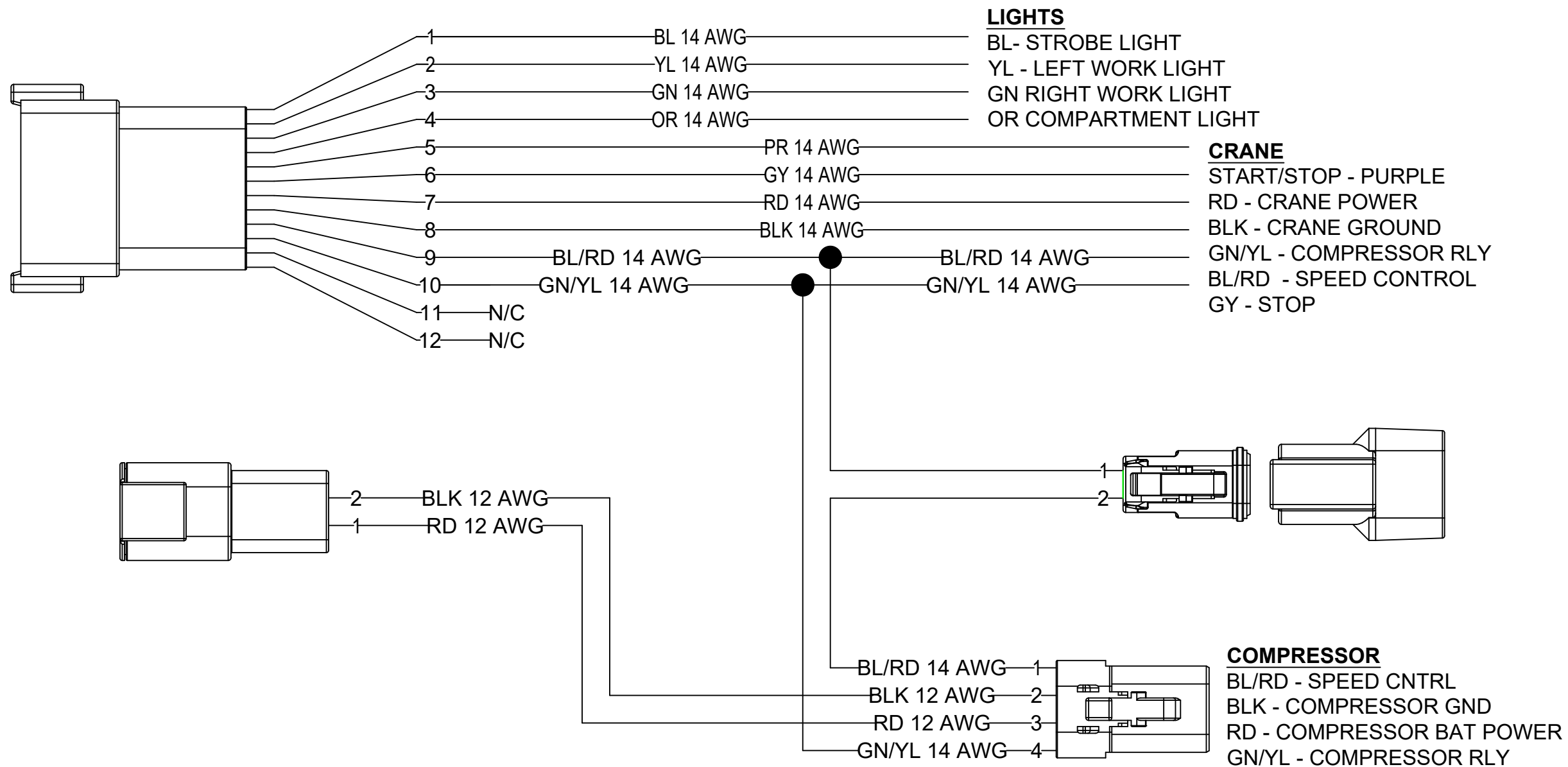
TITLE: PETERBILT PTO SCHEMATIC 2023		DATE 12/5/23
SIZE A3	DRAWING NO. 2187-1034	REV 2
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2



- NOTES:
- IF ASSISTANCE IS NEEDED PLEASE CONTACT
CURRY SUPPLY ENGINEERING
- 1 CUT EACH LOOP IN HALF AND ROUTE THEM TO THE DESTINATION SHOWN IN THE SCHEMATIC. RED DASH LINE REPRESENTS THAT IT WAS ONCE A LOOP
 - 2 THESE WIRES ARE GIVEN BY RAM TO USE AS PASS THROUGHS. THEY ARE LOCATED ON THE TOP CORNER OF THE ENGINE BAY DRIVER SIDE
 - 3 THIS IS THE START/STOP WIRE GIVEN TO US BY RAM. IT IS LOCATED UNDER THE FUSE PANEL WRAPPED IN YELLOW TAPE
 - 4 THESE WIRES ARE LOCATED ON THE GREEN CONNECTOR/CABLE THAT PLUGS INTO THE VISIM MODULE
 - 5 THIS WIRE IS LOCATED ON THE BROWN CONNECTOR/CABLE THAT TIES INTO THE VISIM MODULE
 - 6 ALL GROUNDS IN CAB WIRING ARE TO BE GROUNDED TO THE GROUND STUD LOCATED ON DRIVER SIDE LOWER PANEL
 - 7 ALL CAB WIRING SHALL BE CENTRALLY LOCATED ON THE DRIVERS SIDE.

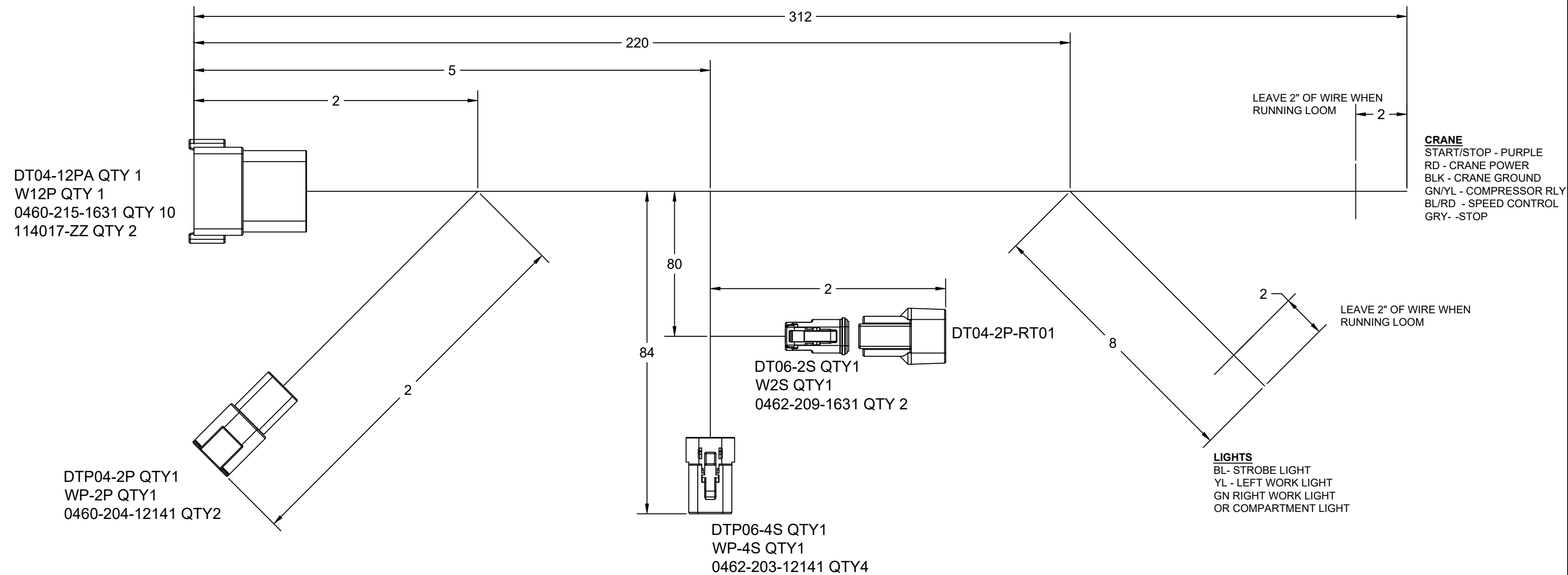


TITLE: RAM 2023 MECH SCHEMATIC STELLAR CRANE/COMP&WILCOX		DATE 2/20/24
SIZE	DRAWING NO. 2187-1036	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 1



TITLE: WILCOX BODY HARNESS		DATE 2/20/24
SIZE	DRAWING NO. 2187-1037	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 2

HARNESS IS TO BE
LOOMED



DTP04-2P QTY1
WP-2P QTY1
0460-204-12141 QTY2

DTP06-4S QTY1
WP-4S QTY1
0462-203-12141 QTY4



TITLE: WILCOX BODY HARNESS		DATE 2/20/24
SIZE	DRAWING NO. 2187-1037	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2

NOTES:

- 1

LOCATION OF THE BODY BUILDER CONNECTOR AND IGN SIGNAL IS DRIVERSIDE KICK PANEL
- 2

LOCATE PIN 5 ON THE ECM CONNECTOR. CUT THE WIRE AND RUN ONE SIDE TO 30 AND THE OTHER SIDE TO 87A AS SHOWN IN THE DIAGRAM
- 3

IF THE WIRE IS POPULATED SIMPLY SPLICE INTO THE WIRE DO NOT REMOVE!
- 4

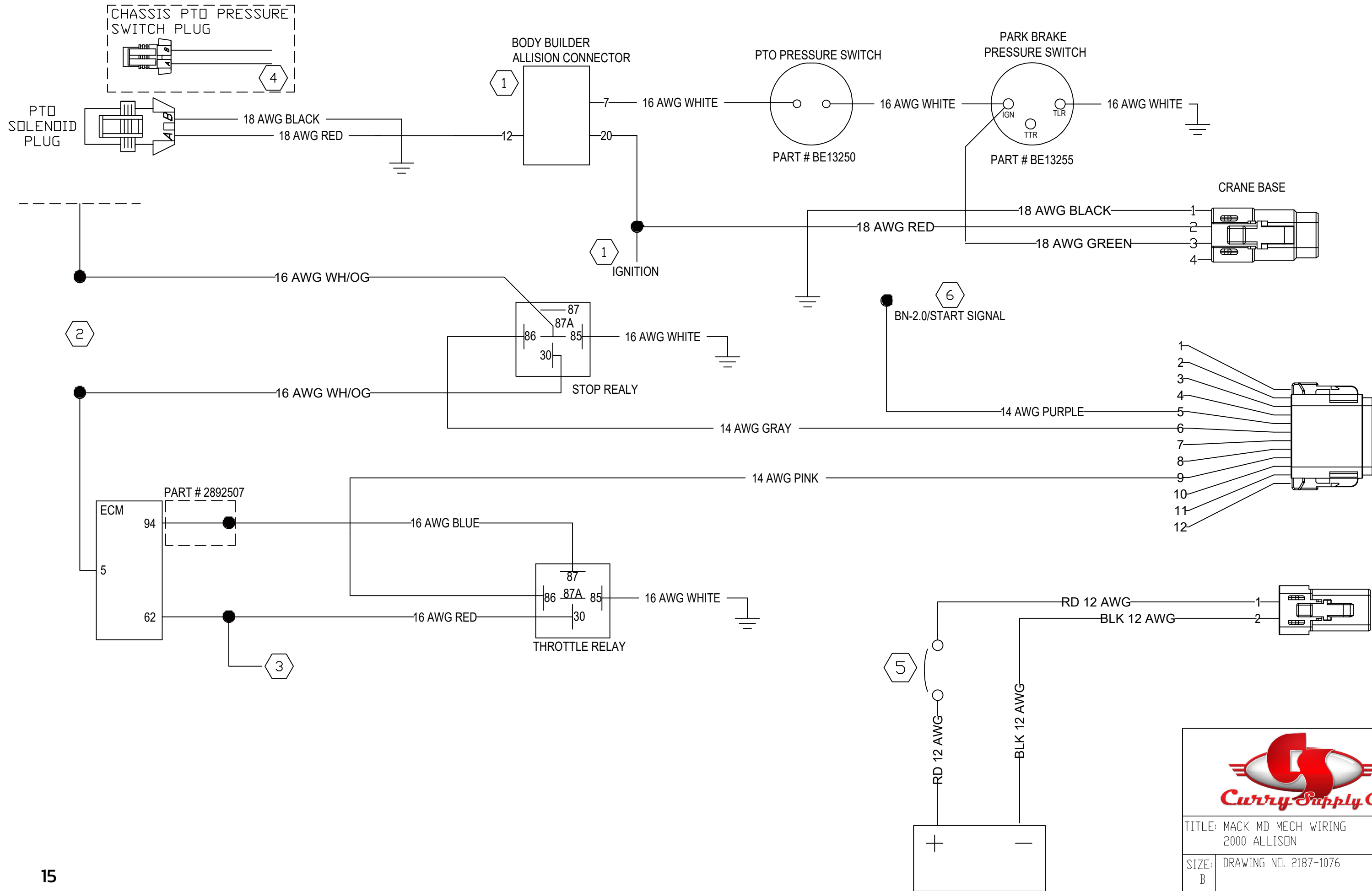
YOU WILL NEED TO SWAP THE PTO PLUG ON THE TRUCK HARNESS TO MATE CORRECTLY WITH PTO
- 5

USE BREAKER THAT COMES WITH COMPRESSOR
- 6

LOCATE BROWN WIRE ON THE BACK OF THE KEY SWITCH. THIS IS THE START WIRE FOR THE CHASSIS



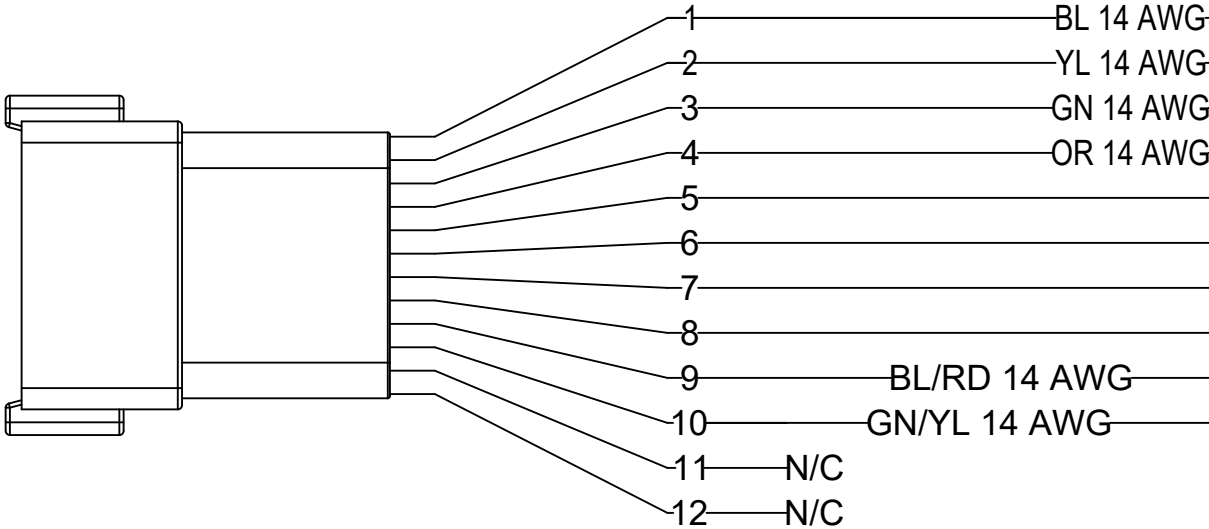
TITLE: MACK MD MECH WIRING 2000 ALLISON		DATE 3/12/2025
SIZE: B	DRAWING NO. 2187-1076	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 3





TITLE: MACK MD MECH WIRING 2000 ALLISON		DATE 3/12/2025
SIZE: B	DRAWING NO. 2187-1076	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 3

BED WIRING

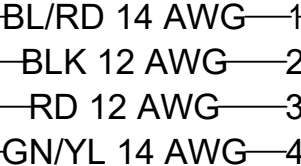
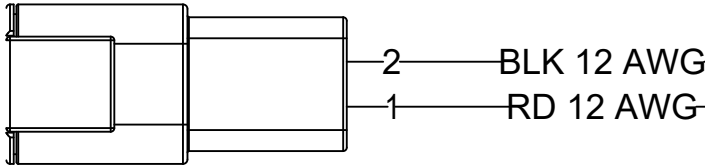


LIGHTS

BL- STROBE LIGHT
YL - LEFT WORK LIGHT
GN RIGHT WORK LIGHT
OR COMPARTMENT LIGHT

CRANE

START/STOP - PURPLE
RD - CRANE POWER
BLK - CRANE GROUND
GN/YL - COMPRESSOR RLY
BL/RD - SPEED CONTROL
GY - STOP

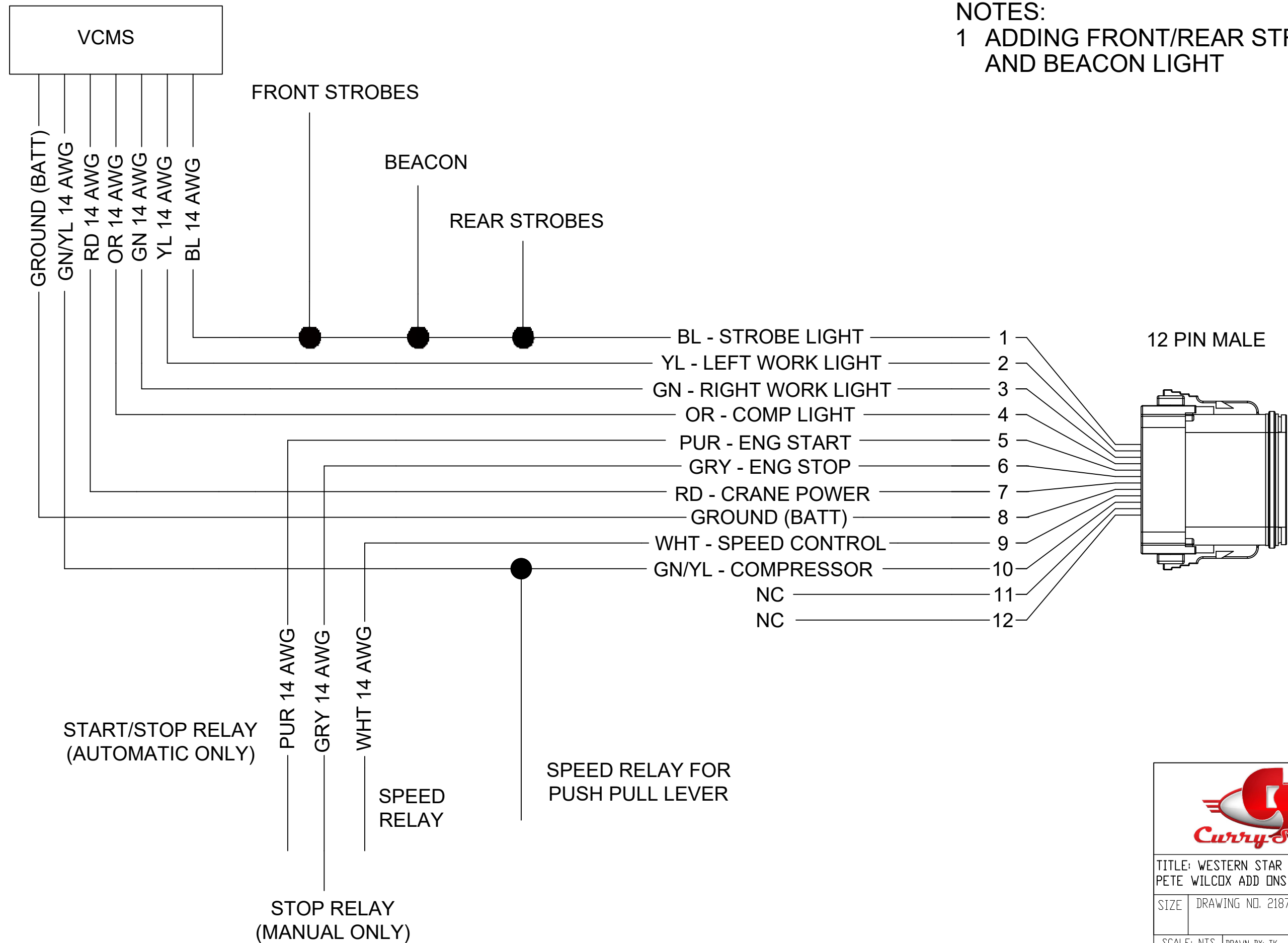


COMPRESSOR

BL/RD - SPEED CNTRL
BLK - COMPRESSOR GND
RD - COMPRESSOR BAT POWER
GN/YL - COMPRESSOR RLY



TITLE: MACK MD MECH WIRING 2000 ALLISON		DATE 3/12/2025
SIZE: B	DRAWING NO. 2187-1076	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 3 OF 3

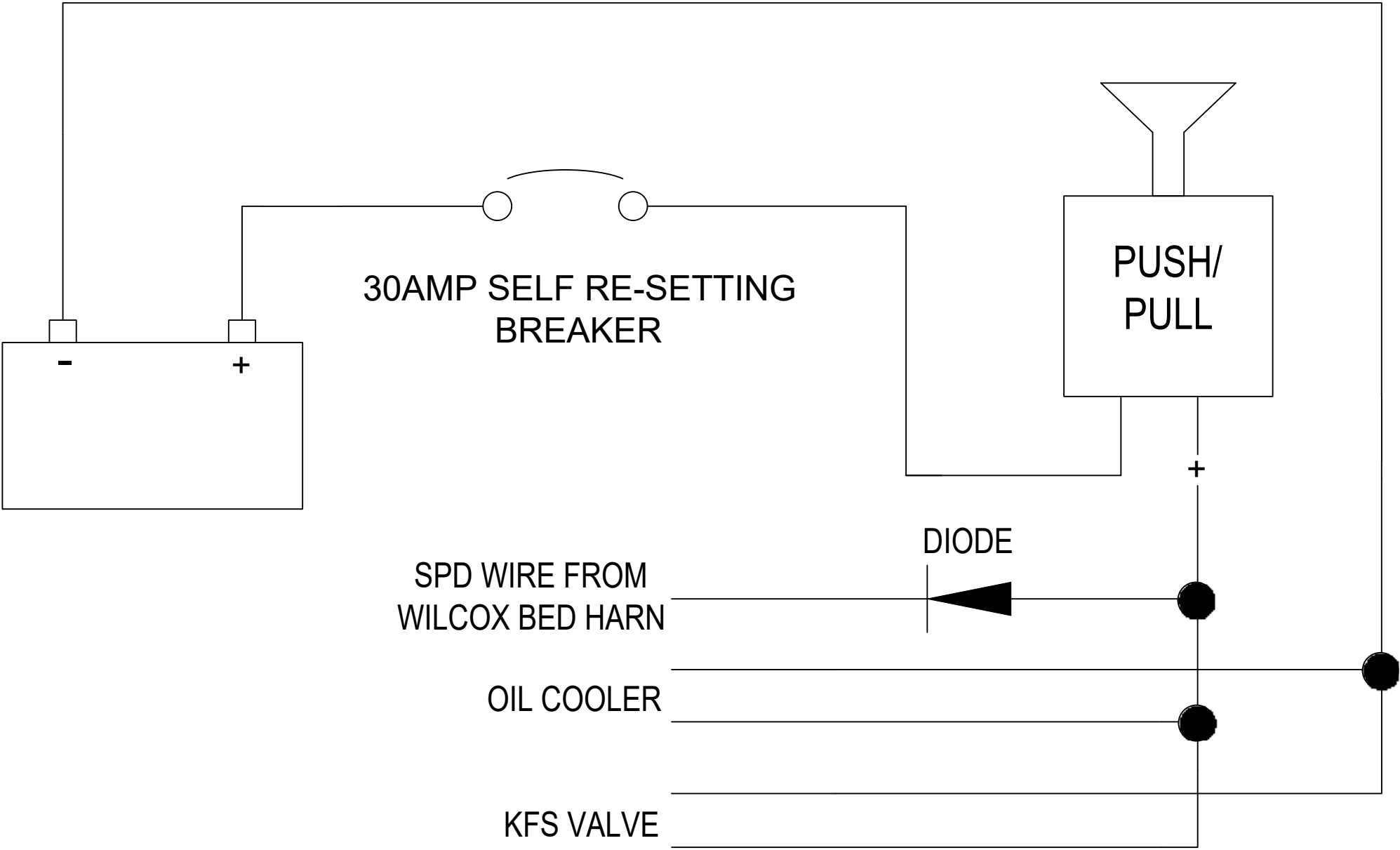


NOTES:
1 ADDING FRONT/REAR STROBES AND BEACON LIGHT



TITLE: WESTERN STAR 14' AND 11' PETE WILCOX ADD ONS SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1106	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 1 OF 4

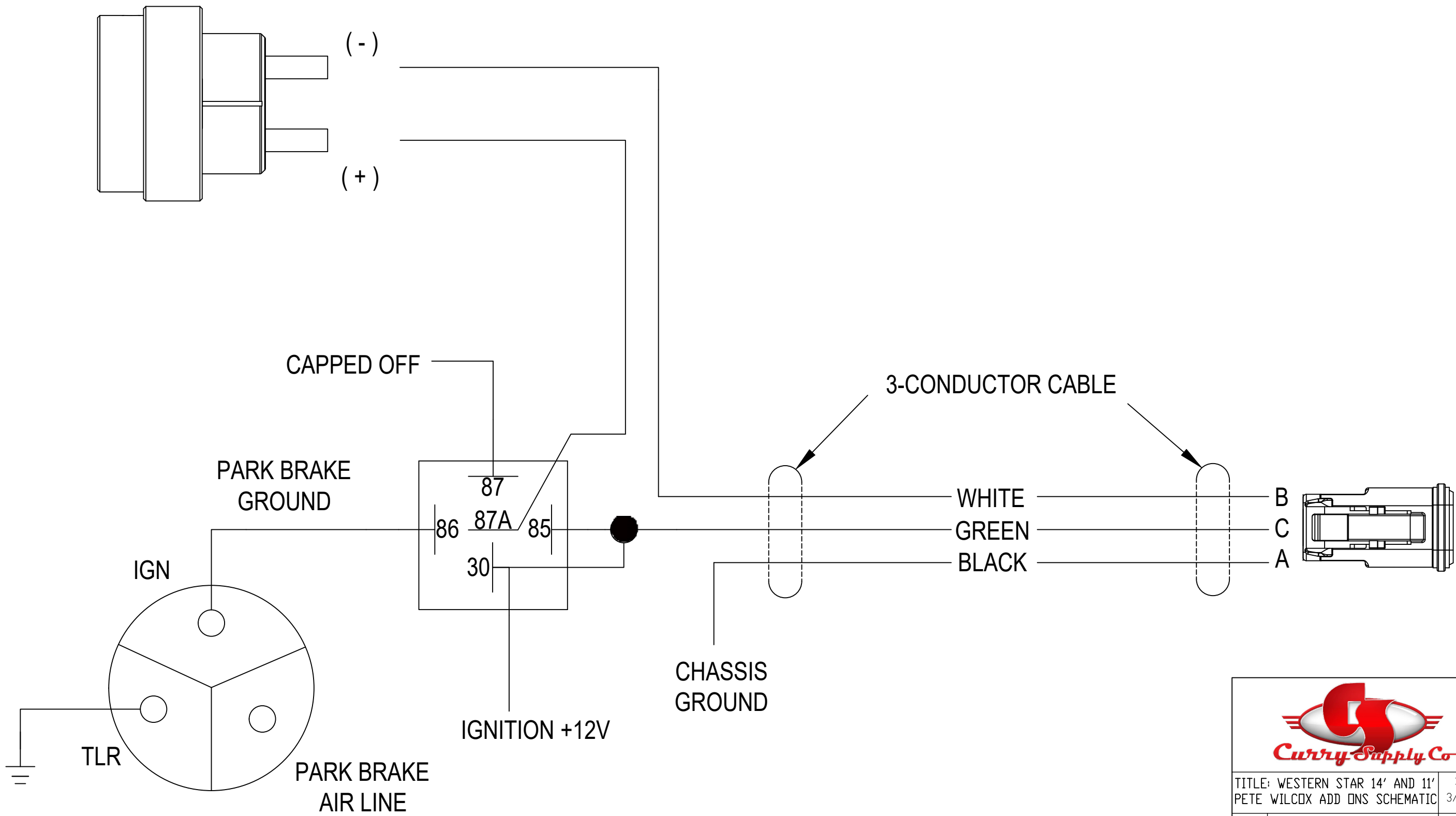
NOTES:
1 ADDING PUSH/PULL SWITCH FOR OIL COOLER AND KSF VALVE



TITLE: WESTERN STAR 14' AND 11' PETE WILCOX ADD ONS SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1106	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 2 OF 4

BOOM STOW
LIGHTED ALARM

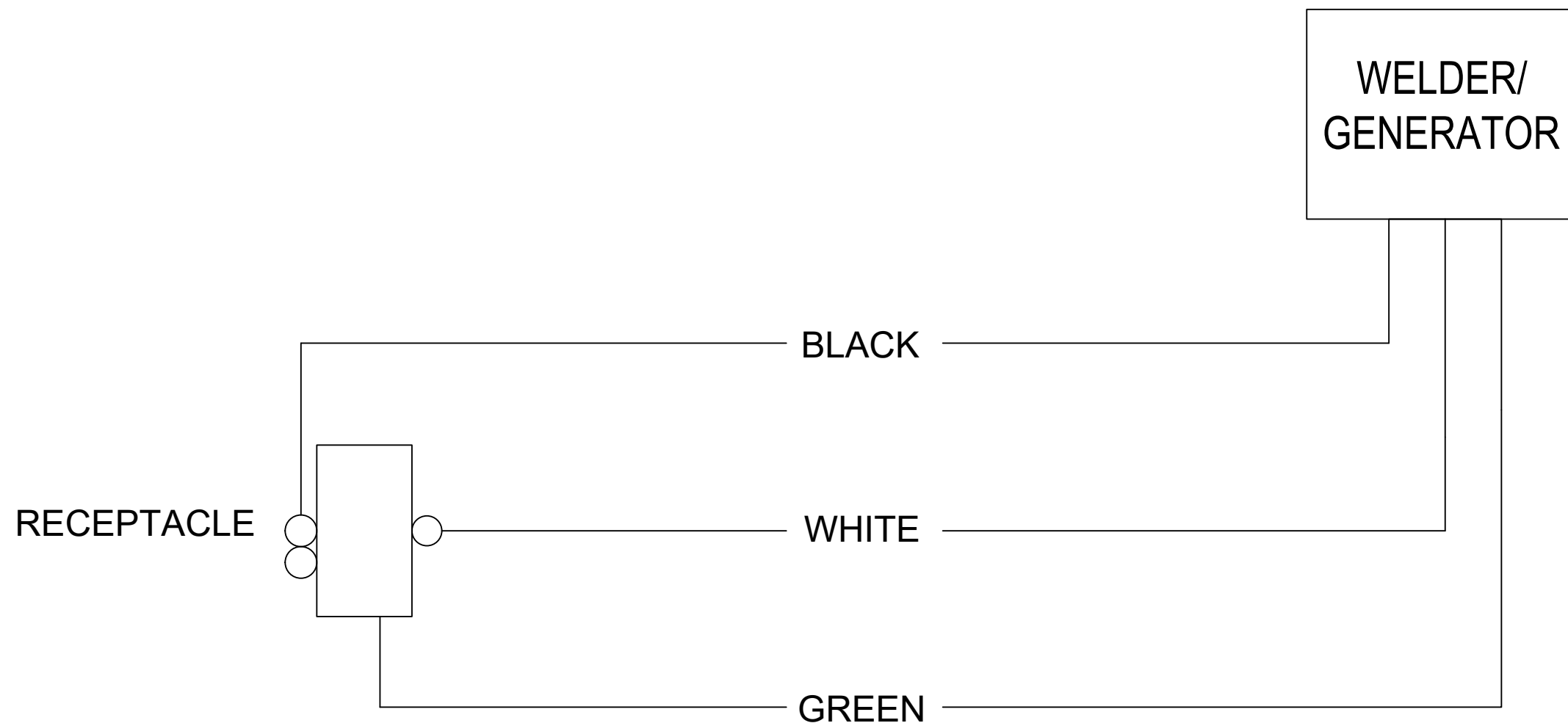
NOTES:
1 ADDING PROXIMITY ALARM FOR HOME
POSITION OF CRANE



TITLE: WESTERN STAR 14' AND 11' PETE WILCOX ADD DNS SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1106	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 3 OF 4

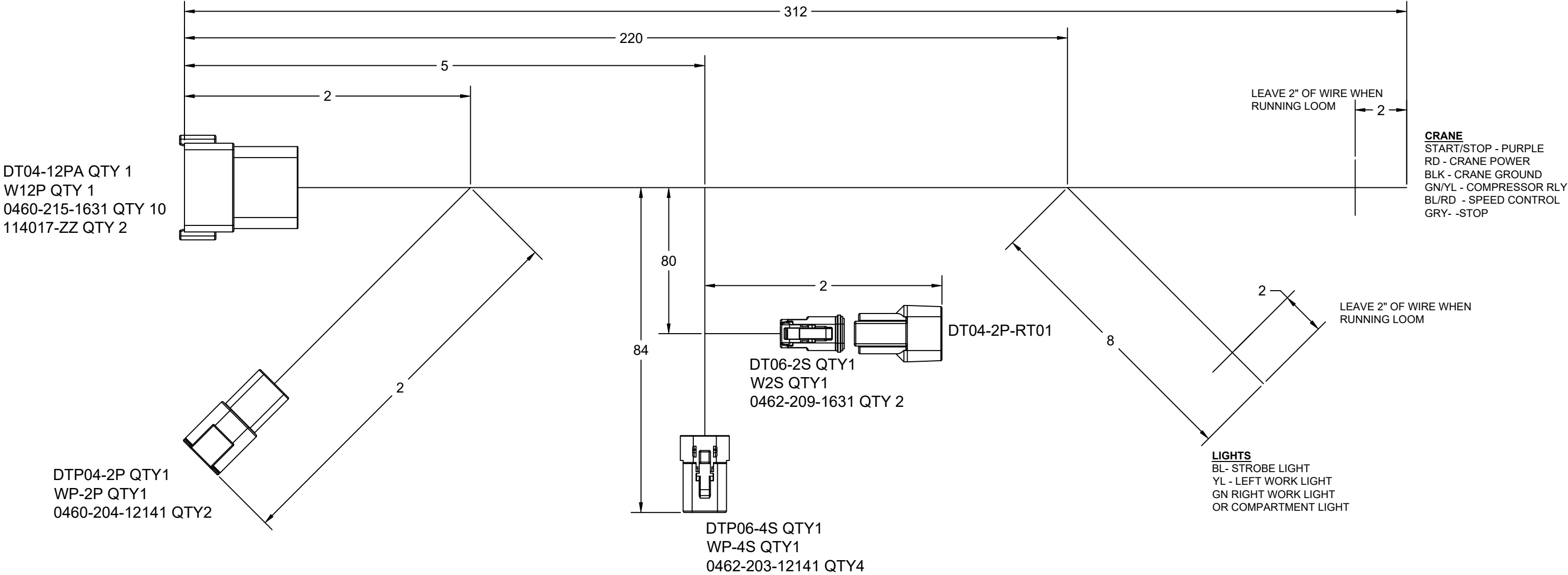
NOTES:

- 1 ADDING 110 GFI OUTLET
- 2 USE 12/3 CABLE TO WIRE GFCI RECEPTACLE



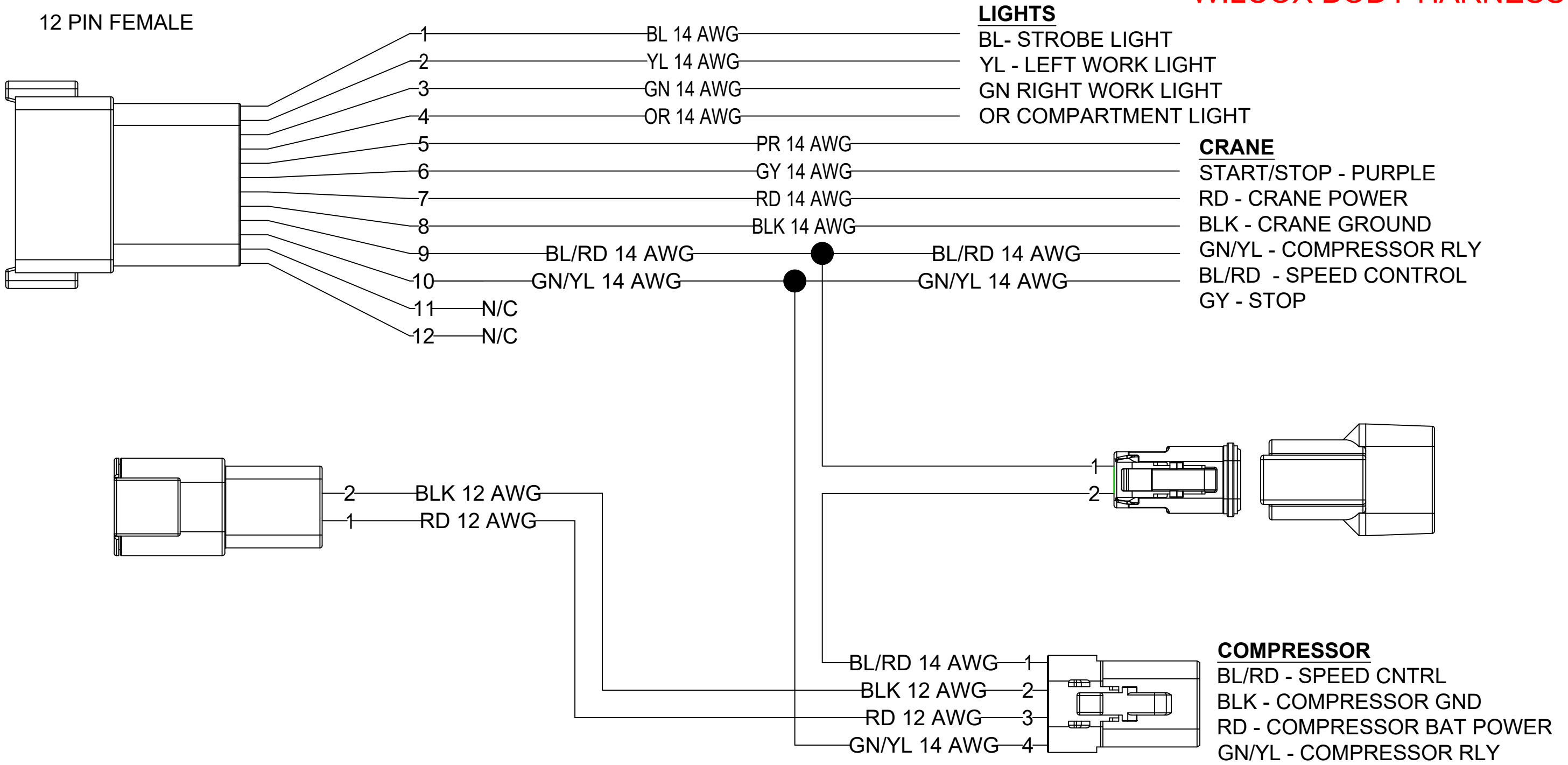
TITLE: WESTERN STAR 14' AND 11' PETE WILCOX ADD DNS SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1106	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 4 OF 4

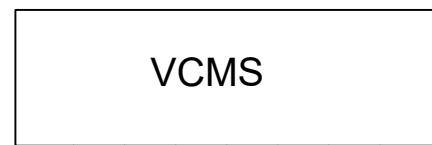
WILCOX BODY HARNESS



TITLE: AUTO WESTERN STAR 14' WILCOX MECH SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1112	REV 1
SCALE: NTS	DRAWN BY: TK	SHEET 1 OF 5

WILCOX BODY HARNESS





GROUND (BATT)
GN/YL 14 AWG
RD 14 AWG
OR 14 AWG
GN 14 AWG
YL 14 AWG
BL 14 AWG

VCMS

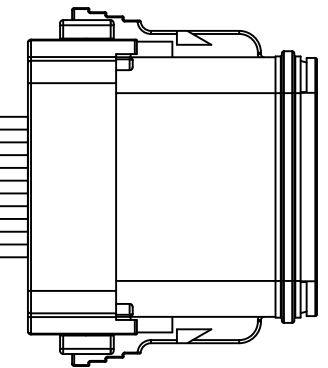
SWITCH OUTPUT 1 = YELLOW
SWITCH OUTPUT 2 = BLUE
SWITCH OUTPUT 3 = GREEN
SWITCH OUTPUT 4 = GN/YL
SWITCH OUTPUT 5 = ORANGE
SWITCH OUTPUT 6 = RED

NOTES:

1 IF THE TRUCK IS A MANUAL DO NOT USE THE START FEATURE
ONLY USE THE STOP FEATURE.

BL - STROBE LIGHT 1
YL - LEFT WORK LIGHT 2
GN - RIGHT WORK LIGHT 3
OR - COMP LIGHT 4
PUR - ENG START 5
GRY - ENG STOP 6
RD - CRANE POWER 7
GROUND (BATT) 8
WHT - SPEED CONTROL 9
GN/YL - COMPRESSOR 10
NC 11
NC 12

12 PIN MALE



START/STOP RELAY
(AUTOMATIC ONLY)

PUR 14 AWG

GRY 14 AWG

WHT 14 AWG

SPEED
RELAY

SPEED WIRE FOR
PUSH PULL LEVER

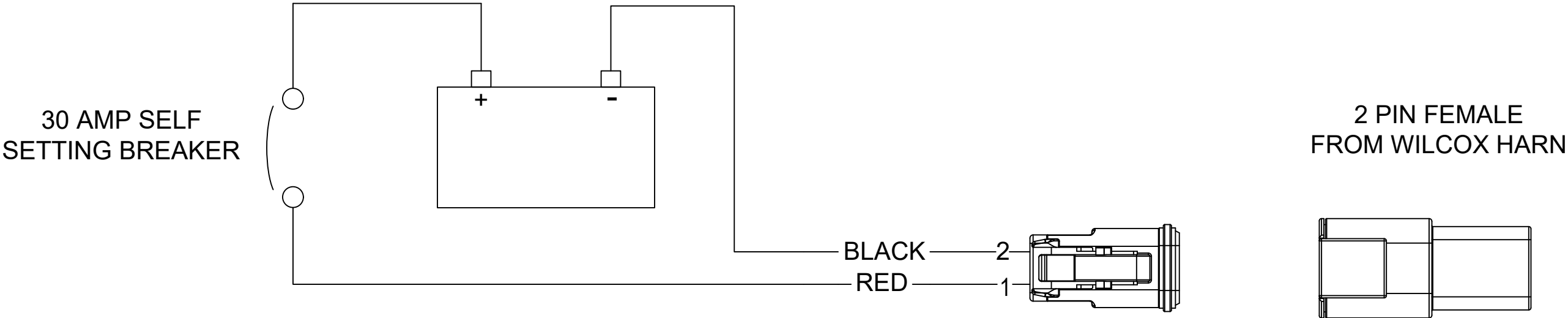
STOP RELAY
(MANUAL ONLY)



TITLE: AUTO WESTERN STAR 14' WILCOX MECH SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1112	REV 1
SCALE: NTS	DRAWN BY: TK	SHEET 3 OF 5

NOTES:

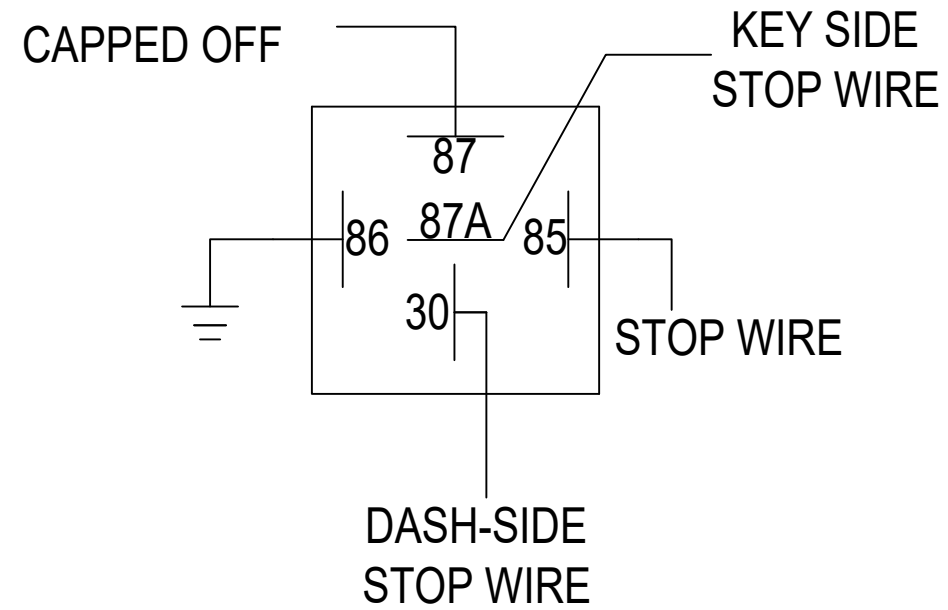
1 A 30 AMP BREAKER COMES WITH A STELLAR COMPRESSOR.



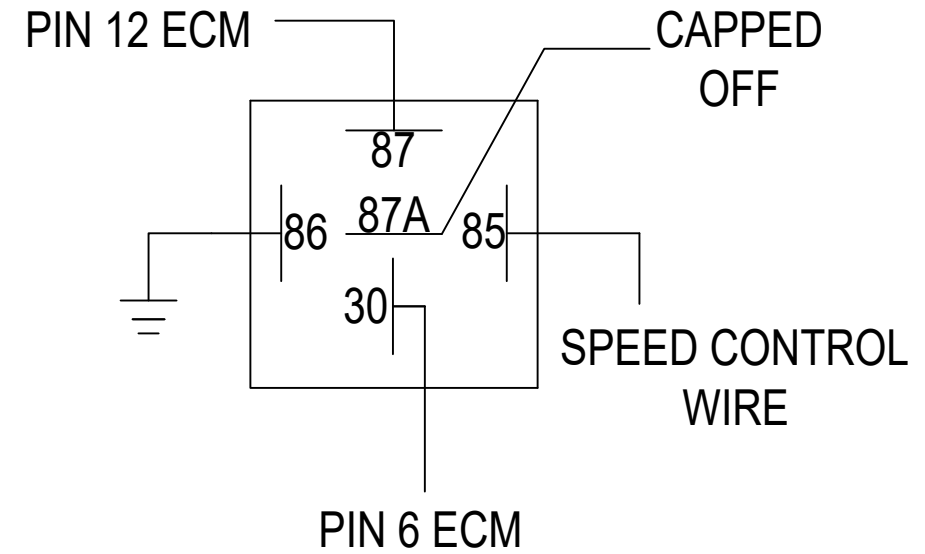


TITLE: AUTO WESTERN STAR 14' WILCOX MECH SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1112	REV 1
SCALE: NTS	DRAWN BY: TK	SHEET 4 OF 5

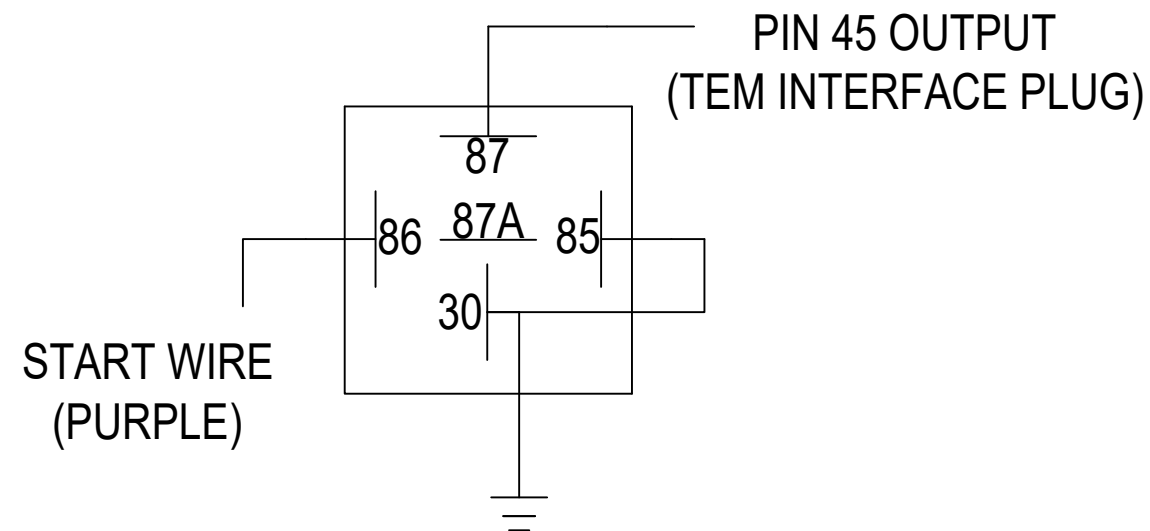
STOP RELAY
(MANUAL ONLY)



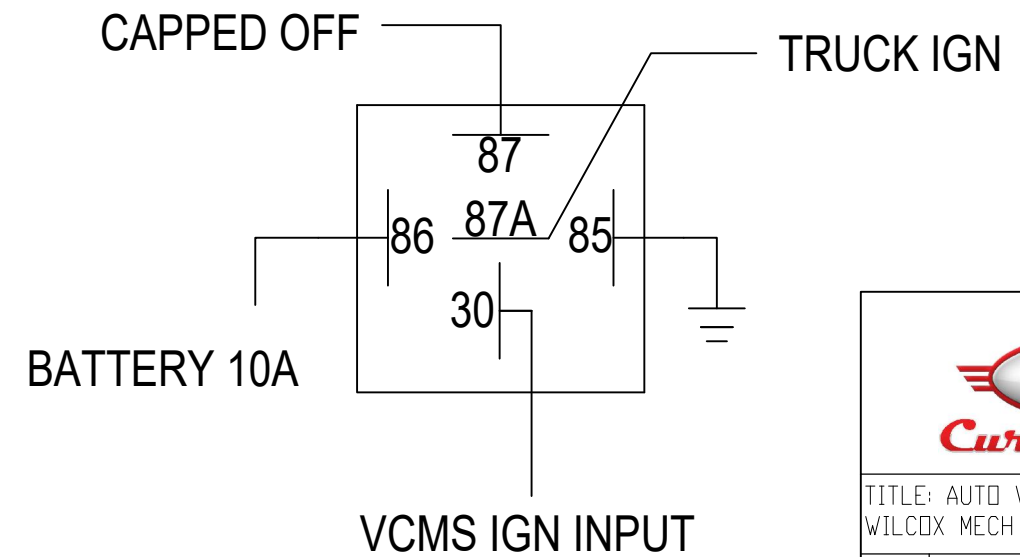
SPEED CONTROL RELAY



START/STOP RELAY
(AUTOMATIC ONLY)

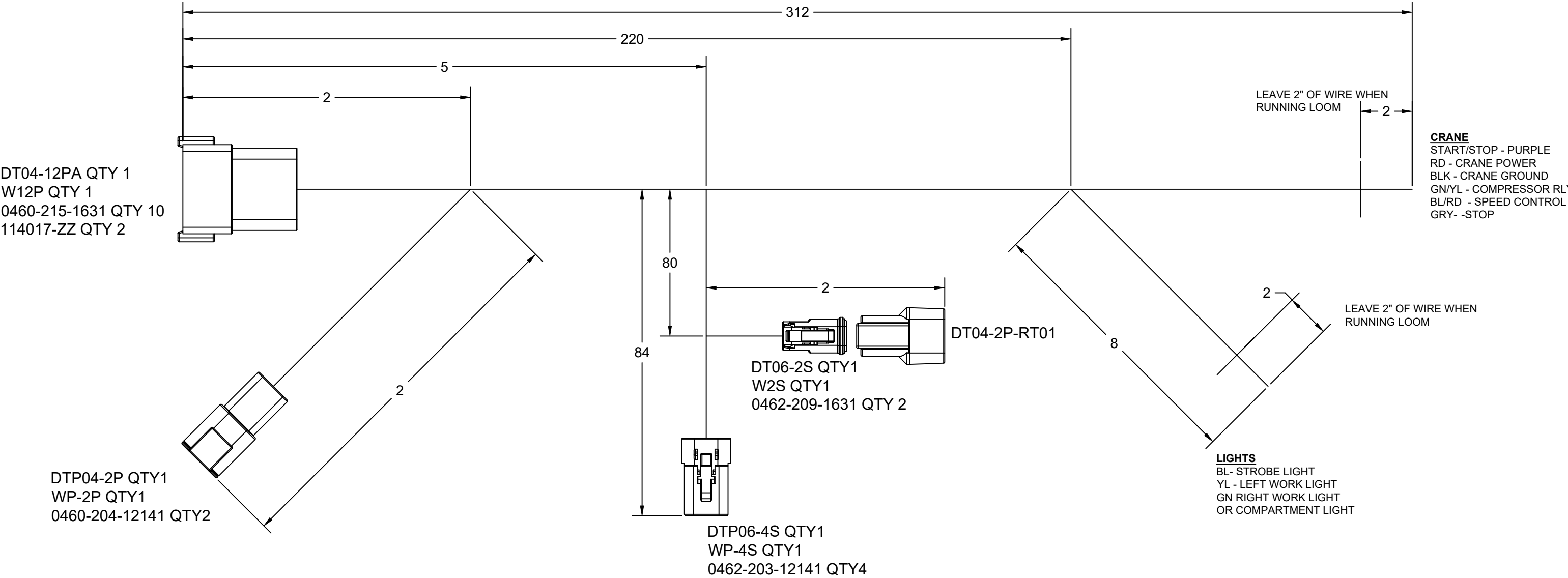


VCMS TIMER RELAY



TITLE: AUTO WESTERN STAR 14' WILCOX MECH SCHEMATIC		DATE 3/11/26
SIZE	DRAWING NO. 2187-1112	REV 1
SCALE: NTS	DRAWN BY: TK	SHEET 5 OF 5

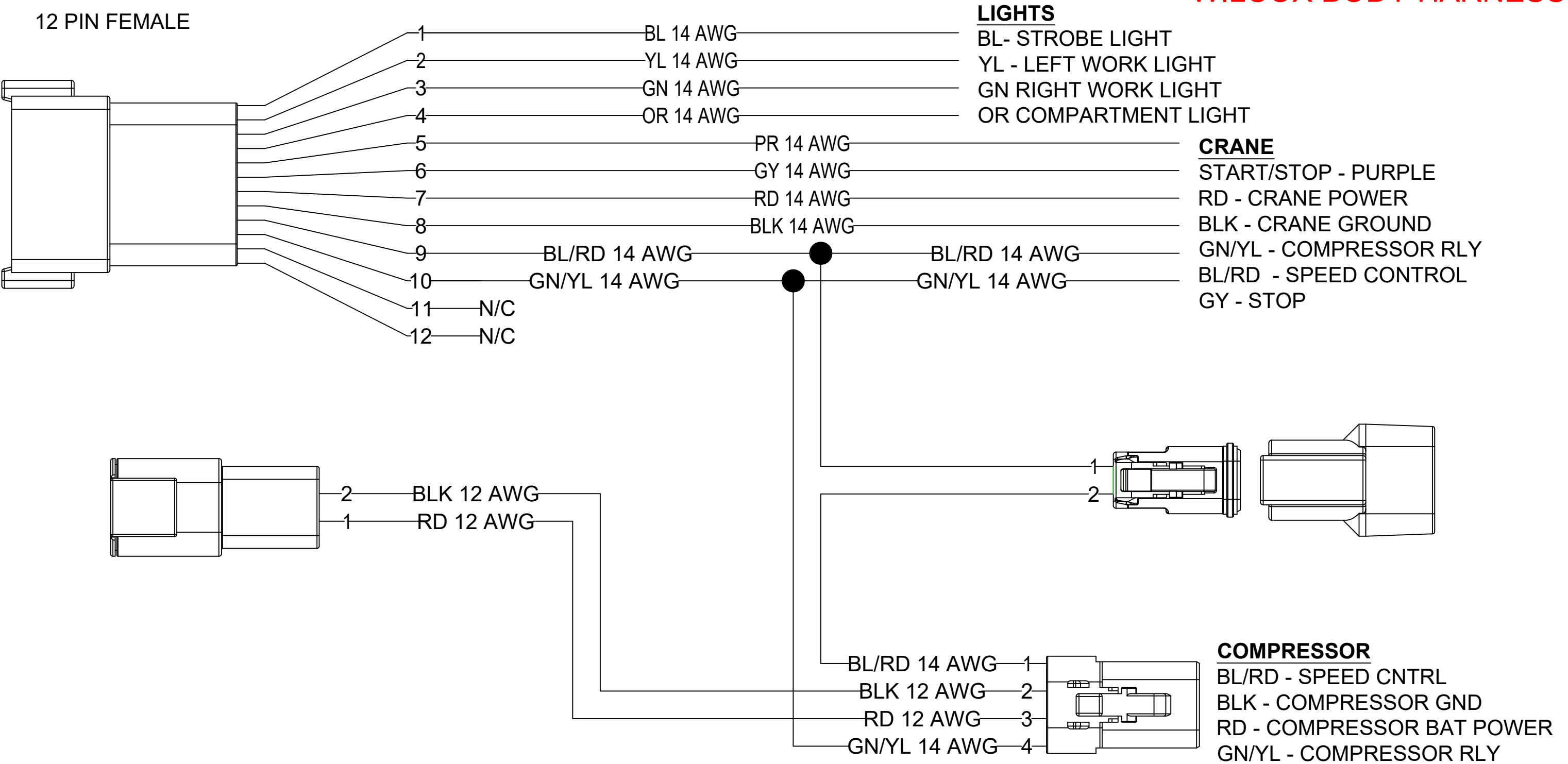
WILCOX BODY HARNESS

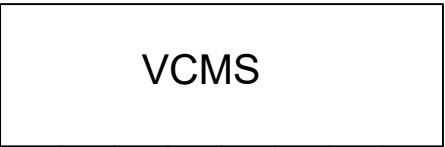




TITLE: 11' PETERBILT WILCOX MECH SCHEMATIC		DATE 5/11/26
SIZE	DRAWING NO. 2187-1113	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 1 OF 6

WILCOX BODY HARNESS





GROUND (BATT)
GN/YL 14 AWG
RD 14 AWG
OR 14 AWG
GN 14 AWG
YL 14 AWG
BL 14 AWG

VCMS

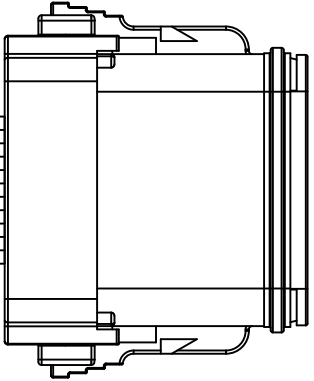
SWITCH OUTPUT 1 = YELLOW
SWITCH OUTPUT 2 = BLUE
SWITCH OUTPUT 3 = GREEN
SWITCH OUTPUT 4 = GN/YL
SWITCH OUTPUT 5 = ORANGE
SWITCH OUTPUT 6 = RED

NOTES:

1 ENG START WIRE IS NOT USED IN MANUALS. IT GETS CAPPED OFF AND LEFT NEAR THE RELAY LOCATION ON THE FIREWALL UNDER THE HOOD.

- BL - STROBE LIGHT 1
- YL - LEFT WORK LIGHT 2
- GN - RIGHT WORK LIGHT 3
- OR - COMP LIGHT 4
- PUR - ENG START 5
- GRY - ENG STOP 6
- RD - CRANE POWER 7
- GROUND (BATT) 8
- WHT - SPEED CONTROL 9
- GN/YL - COMPRESSOR 10
- NC 11
- NC 12

12 PIN MALE



PUR 14 AWG
GRY 14 AWG
WHT 14 AWG

1

SPEED RELAY

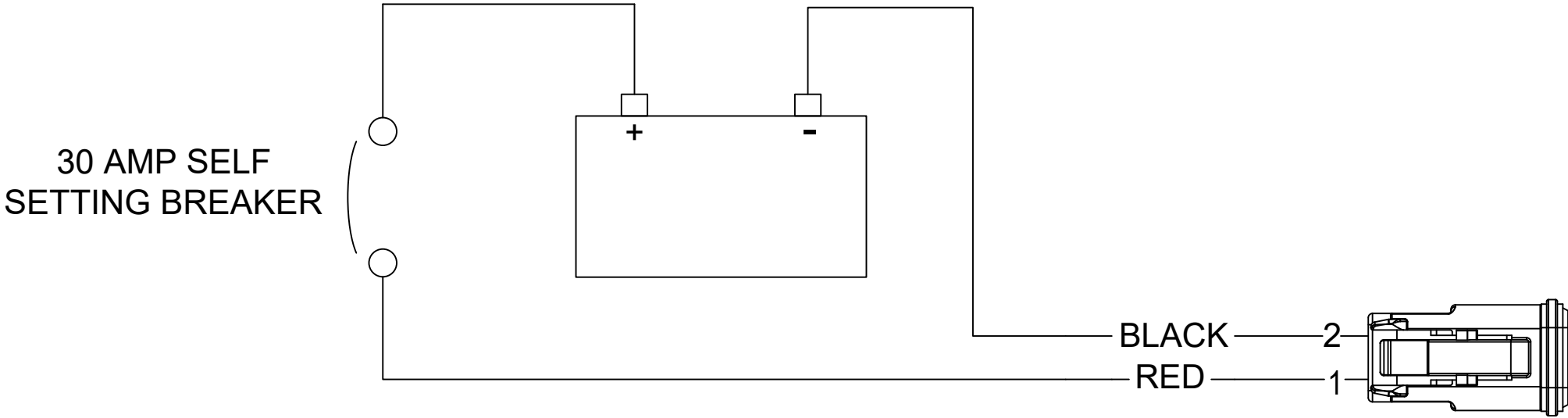
SPEED WIRE FOR
PUSH PULL LEVER

STOP RELAY

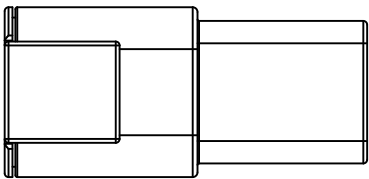


TITLE: 11' PETERBILT WILCOX MECH SCHEMATIC		DATE 5/11/26
SIZE	DRAWING NO. 2187-1113	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 3 OF 6

NOTES:
1 A 30 AMP BREAKER COMES WITH A STELLAR COMPRESSOR

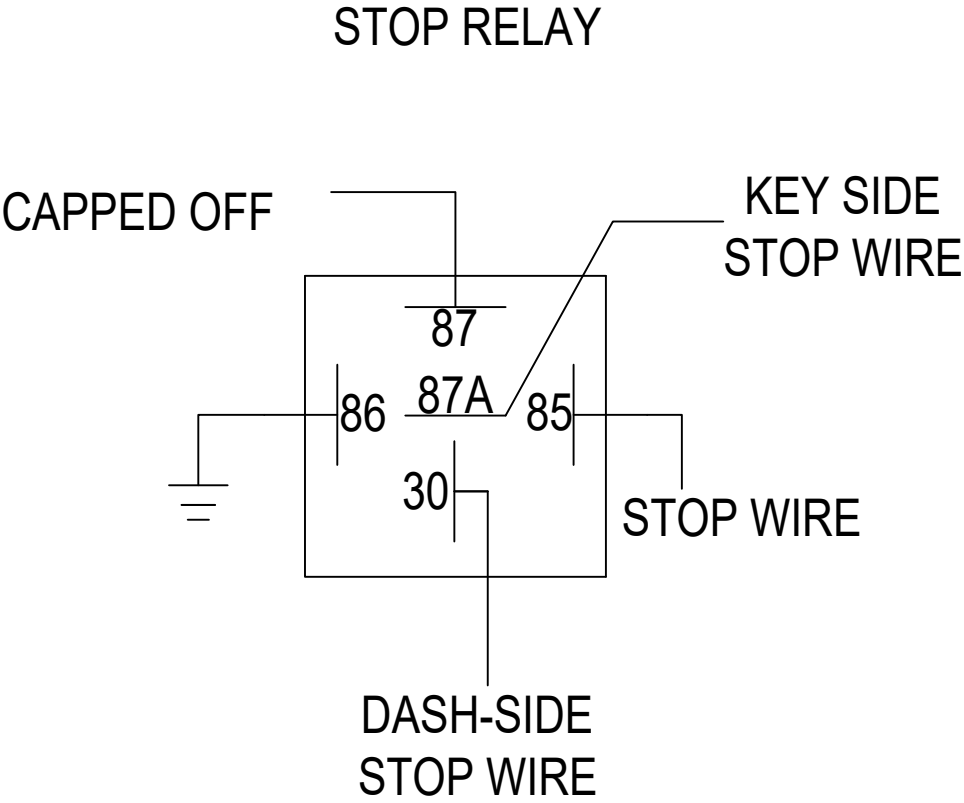


2 PIN FEMALE
FROM WILCOX HARN

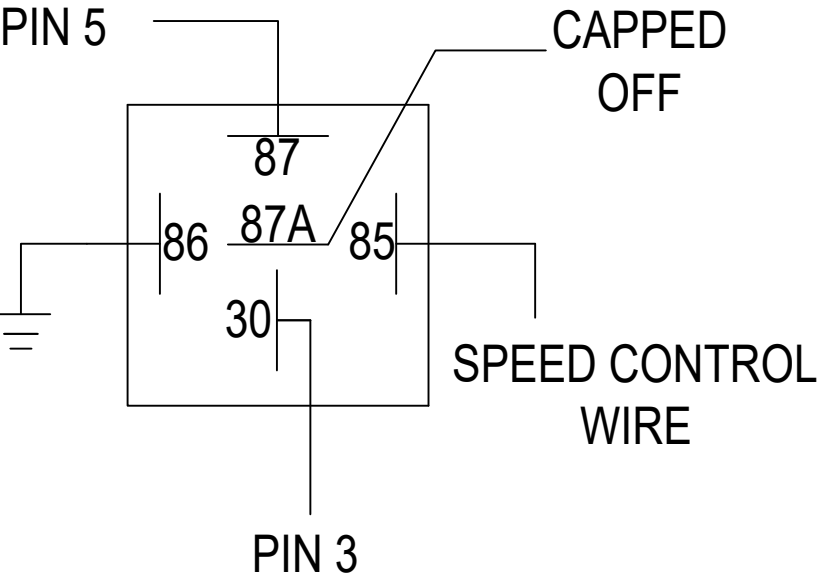


			
TITLE: 11' PETERBILT WILCOX MECH SCHEMATIC			DATE 5/11/26
SIZE	DRAWING NO. 2187-1113		REV 0
SCALE: NTS		DRAWN BY: TK	SHEET 4 OF 6

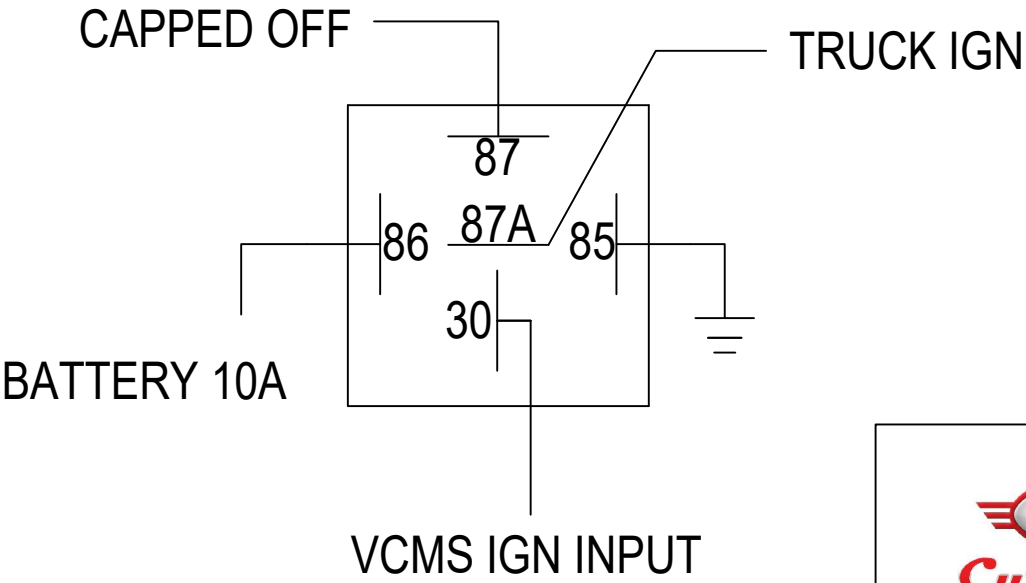
NOTES:
1 PINS 3 AND 5 ARE LOCATED ON THE 12 PIN DEUTSCH CONNECTOR "PTO CONTROLS"



SPEED CONTROL RELAY



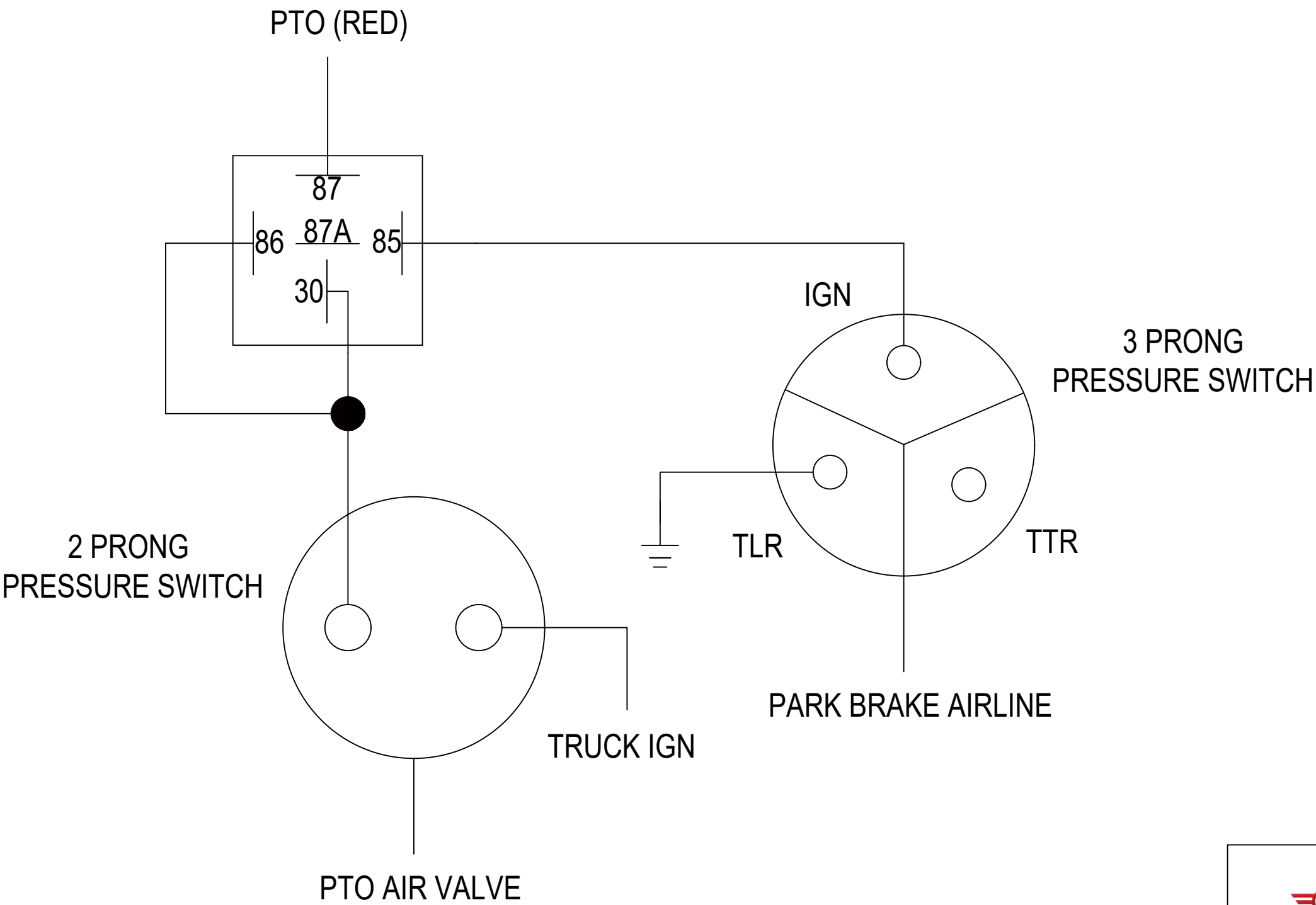
VCMS TIMER RELAY





TITLE: 11' PETERBILT WILCOX MECH SCHEMATIC		DATE 5/11/26
SIZE	DRAWING NO. 2187-1113	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 5 OF 6

NOTES:
1 USED WHEN PETERBILTS COME WITH FACTORY AIR OUTPUT





TITLE: 11' PETERBILT WILCOX MECH SCHEMATIC		DATE 5/11/26
SIZE	DRAWING NO. 2187-1113	REV 0
SCALE: NTS	DRAWN BY: TK	SHEET 6 OF 6