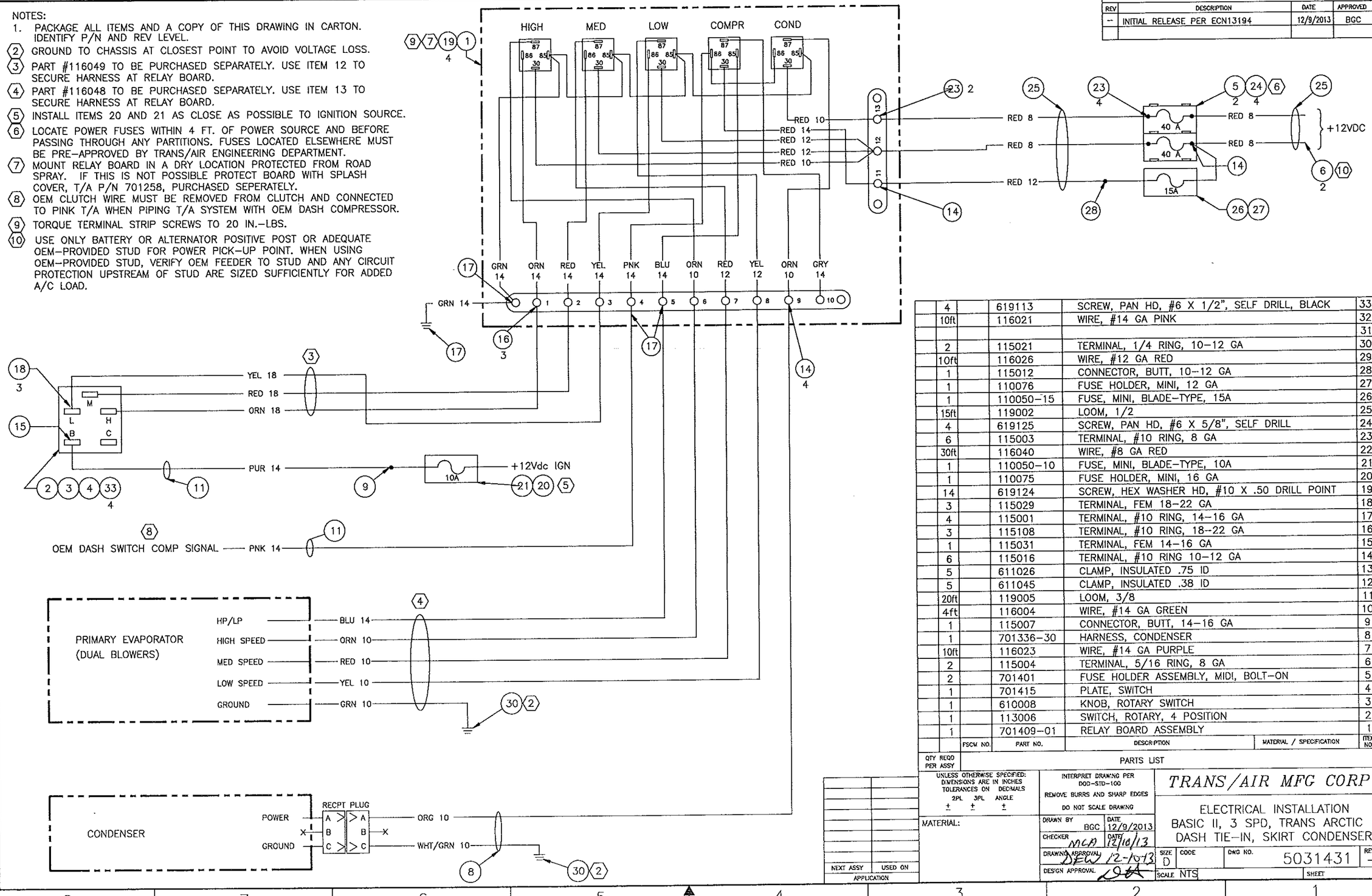
DWG NO. 5031431 SH

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE PER ECN13194	12/9/2013	BGC

NOTES:

1. PACKAGE ALL ITEMS AND A COPY OF THIS DRAWING IN CARTON. IDENTIFY P/N AND REV LEVEL.
2. GROUND TO CHASSIS AT CLOSEST POINT TO AVOID VOLTAGE LOSS.
3. PART #116049 TO BE PURCHASED SEPARATELY. USE ITEM 12 TO SECURE HARNESS AT RELAY BOARD.
4. PART #116048 TO BE PURCHASED SEPARATELY. USE ITEM 13 TO SECURE HARNESS AT RELAY BOARD.
5. INSTALL ITEMS 20 AND 21 AS CLOSE AS POSSIBLE TO IGNITION SOURCE.
6. LOCATE POWER FUSES WITHIN 4 FT. OF POWER SOURCE AND BEFORE PASSING THROUGH ANY PARTITIONS. FUSES LOCATED ELSEWHERE MUST BE PRE-APPROVED BY TRANS/AIR ENGINEERING DEPARTMENT.
7. MOUNT RELAY BOARD IN A DRY LOCATION PROTECTED FROM ROAD SPRAY. IF THIS IS NOT POSSIBLE PROTECT BOARD WITH SPLASH COVER, T/A P/N 701258, PURCHASED SEPERATELY.
8. OEM CLUTCH WIRE MUST BE REMOVED FROM CLUTCH AND CONNECTED TO PINK T/A WHEN PIPING T/A SYSTEM WITH OEM DASH COMPRESSOR.
9. TORQUE TERMINAL STRIP SCREWS TO 20 IN.-LBS.
10. USE ONLY BATTERY OR ALTERNATOR POSITIVE POST OR ADEQUATE OEM-PROVIDED STUD FOR POWER PICK-UP POINT. WHEN USING OEM-PROVIDED STUD, VERIFY OEM FEEDER TO STUD AND ANY CIRCUIT PROTECTION UPSTREAM OF STUD ARE SIZED SUFFICIENTLY FOR ADDED A/C LOAD.



QTY REQD PER ASSY		FSCM NO.	PART NO.	DESCRIPTION	MATERIAL / SPECIFICATION	ITEM NO.
4			619113	SCREW, PAN HD, #6 X 1/2", SELF DRILL, BLACK		33
10ft			116021	WIRE, #14 GA PINK		32
						31
2			115021	TERMINAL, 1/4 RING, 10-12 GA		30
10ft			116026	WIRE, #12 GA RED		29
1			115012	CONNECTOR, BUTT, 10-12 GA		28
1			110076	FUSE HOLDER, MINI, 12 GA		27
1			110050-15	FUSE, MINI, BLADE-TYPE, 15A		26
15ft			119002	LOOM, 1/2		25
4			619125	SCREW, PAN HD, #6 X 5/8", SELF DRILL		24
6			115003	TERMINAL, #10 RING, 8 GA		23
30ft			116040	WIRE, #8 GA RED		22
1			110050-10	FUSE, MINI, BLADE-TYPE, 10A		21
1			110075	FUSE HOLDER, MINI, 16 GA		20
14			619124	SCREW, HEX WASHER HD, #10 X .50 DRILL POINT		19
3			115029	TERMINAL, FEM 18-22 GA		18
4			115001	TERMINAL, #10 RING, 14-16 GA		17
3			115108	TERMINAL, #10 RING, 18-22 GA		16
1			115031	TERMINAL, FEM 14-16 GA		15
6			115016	TERMINAL, #10 RING 10-12 GA		14
5			611026	CLAMP, INSULATED .75 ID		13
5			611045	CLAMP, INSULATED .38 ID		12
20ft			119005	LOOM, 3/8		11
4ft			116004	WIRE, #14 GA GREEN		10
1			115007	CONNECTOR, BUTT, 14-16 GA		9
1			701336-30	HARNESS, CONDENSER		8
10ft			116023	WIRE, #14 GA PURPLE		7
2			115004	TERMINAL, 5/16 RING, 8 GA		6
2			701401	FUSE HOLDER ASSEMBLY, MIDI, BOLT-ON		5
1			701415	PLATE, SWITCH		4
1			610008	KNOB, ROTARY SWITCH		3
1			113006	SWITCH, ROTARY, 4 POSITION		2
1			701409-01	RELAY BOARD ASSEMBLY		1

PARTS LIST

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ON DECIMALS 2PL ± 3PL ± ANGLE ±

INTERPRET DRAWING PER DOD-STD-100
REMOVE BURRS AND SHARP EDGES
DO NOT SCALE DRAWING

MATERIAL:

DRAWN BY BGC DATE 12/9/2013
CHECKER MCA DATE 12/10/13
DRAWING APPROVAL DEW 12-10-13
DESIGN APPROVAL

TRANS/AIR MFG CORP

ELECTRICAL INSTALLATION
BASIC II, 3 SPD, TRANS ARCTIC
DASH TIE-IN, SKIRT CONDENSER

SIZE D | CODE | DWG NO. 5031431 | REV –
SCALE NTS | SHEET