



**DANGER**

**Danger of electrical shock, burns or death.** Always remove all power sources before attempting any repair, service or diagnostic work. Power can be present from shore power, generator, inverter or battery. All power sources must be disabled and secured before performing any service.



**CAUTION**

If you lack the skills, tools or equipment to perform diagnostic or repair work leave such work to an authorized Winnebago Industries dealer or other qualified shop.

WITHOUT HEAT PUMP

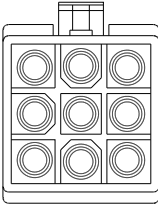
VENDOR SUPPLIED HARNESS

WINNEBAGO SUPPLIED HARNESS

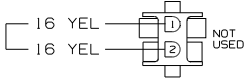
THERMOSTAT

- 1-GRY (FREEZE SWITCH & EXCLUSION RELAY)
- 2-RED (+12VDC)
- 3-GRY (FREEZE SWITCH & EXCLUSION RELAY)
- 4-BLU (-12VDC)
- 5-YEL (COOLING COMPRESSOR #1)
- 6-ORG (COOLING COMPRESSOR #2)
- 7-BLK (FAN HIGH)
- 8-WHT (HEAT PUMP)
- 9-PUR (FAN LOW)

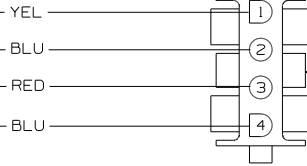
CONNECTS TO  
AIR CONDITIONER



- 1-GREEN
- 2-RED
- 3-BLUE/BLACK
- 4-BLUE
- 5-GREEN/BLACK
- 6-ORANGE
- 7-BLACK
- 8-WHITE
- 9-BLACK/WHITE

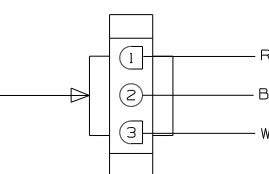
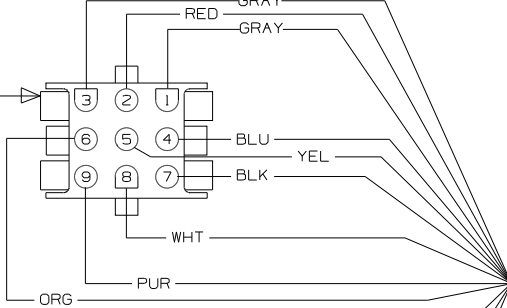
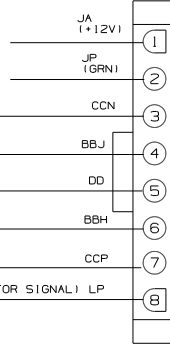
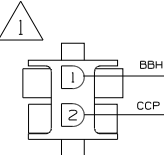
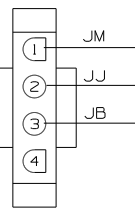
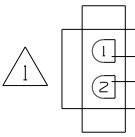
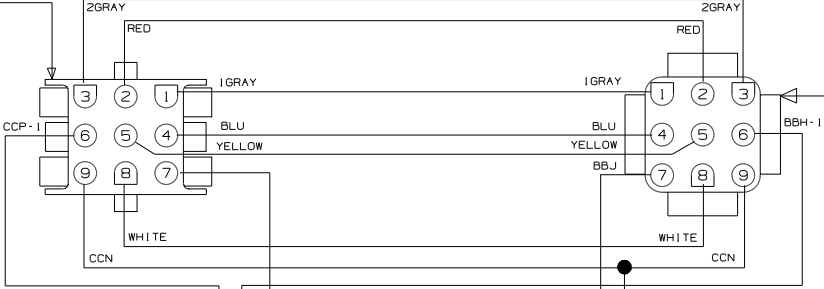


FURNACE



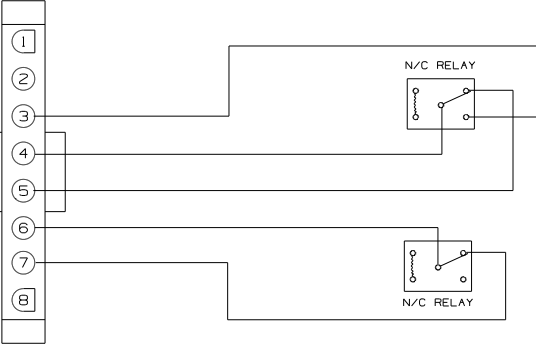
- 1-YEL (12VDC NEGATIVE)
- 2-BLU (FROM T-STAT)
- 3-RED (12VDC POSITIVE)
- 4-BLU

FURNACE



- 1-RED (12VDC POSITIVE)
- 2-BLU (12VDC NEGATIVE)
- 3-WHT (GAS FURNACE)

LOAD SHEDDER BOARD



WIRING DIAGRAM-THERMOSTAT,EXT  
(WIRE ASM 135131  
WITHOUT HEAT PUMP)

1. CONNECT HOUSING TOGETHER.

NOTES:

WITH HEAT PUMP

138913

ORG WIRE IS REMOVED FORM TERMINAL  
AND CONNECTED TO ORG/BLK WIRE  
THEN WHT/BLK WIRE IS CONNECTED TO  
THE TERMINAL WHERE THE ORG WIRE WAS.

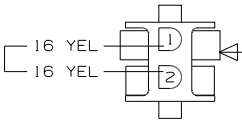
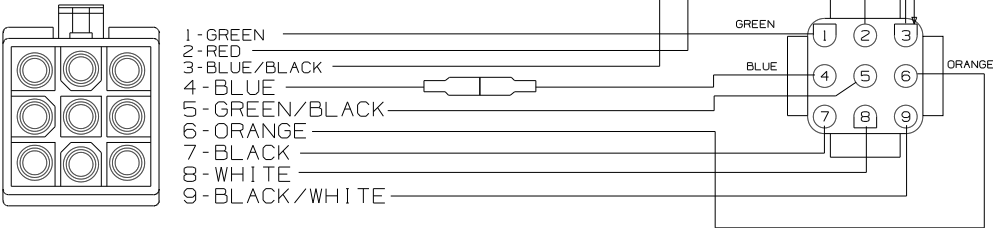
VENDOR SUPPLIED HARNESS

WINNEBAGO SUPPLIED HARNESS

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CONNECTS TO  
AIR CONDITIONER



FURNACE

- 1-YEL (12VDC NEGATIVE)  
2-BLU (FROM T-STAT)  
3-RED (12VDC POSITIVE)  
4-BLU

FURNACE

LOAD SHEDDER BOARD

WIRING DIAGRAM-THERMOSTAT,EXT  
(WIRE ASM 135131  
WITH HEAT PUMP)

1. RLC FOR 2001 THIS RESET WAS DELETED.

NOTES:

FIRST USED		03 SERIES	
DO NOT SCALE DRAWING			
TITLE: WIRING DIAGRAM-AC/HEAT/EMS			
SHEET 2	PART NO	138913	REV

6/5/2007