

8 7 6 5 4 3 2 1

D

D

C

C

B

B

A

A

LOAD CENTER-120/240,50A
187504-01-000
SCREW
G67-10-12U (4)

HOLD DOWN
BREAKER BRACKET

CIRCUIT BREAKER 30A
187505-03-000

CIRCUIT BREAKER-15/20A
187505-05-000 (2)

CIRCUIT BREAKER-15/15A
187505-04-000

8 GA BLK
FROM SCRAP
(180 MM)

ALL NEUTRALS

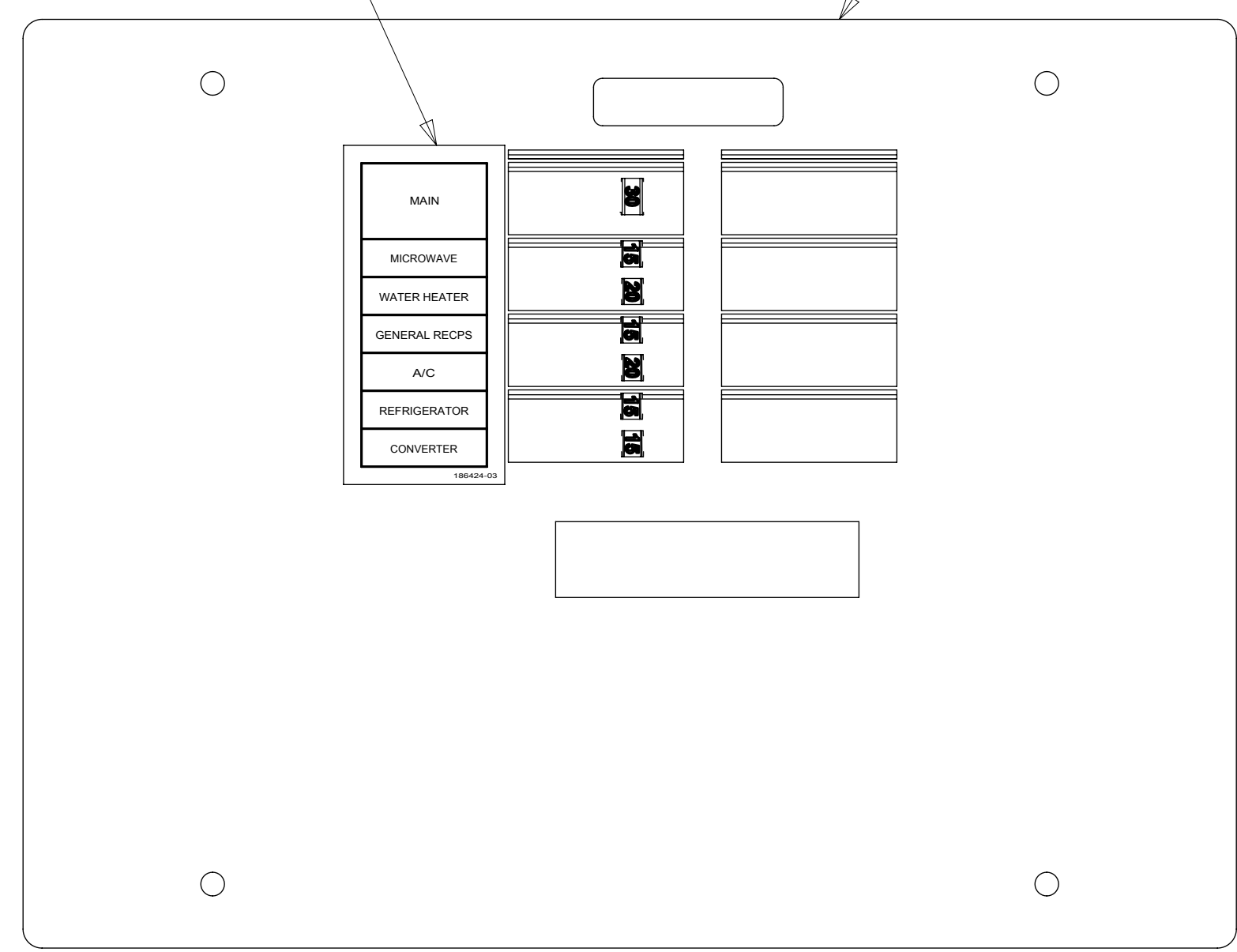
ALL GROUNDS

GROMMET
008385-01-000

GROUND MAIN

1 LABEL-CONTROL CENTER
186424-03-CHT

1 LOAD CENTER-COVER
187504-02-000



MAIN TO ATS

CONNECTOR
008356-02-000 (4)

RUN MAIN NEUTRAL WIRE
THRU MODULE-CONTROL,PCS
CURRENT SENSOR HOLE TO
NEUTRAL TERMINAL BAR

MODULE-CONTROL,PCS
174295-03-000
DETAIL BB

12 GA BLK
FROM SCRAP
(300 MM)

12 GA WHT
FROM SCRAP
(300 MM)

14 GA BLK
FROM SCRAP
(300 MM)

MODULE-RELAY
186951-01-000
DETAIL BA

LINE
ENT

YEL
ORG

BLU
RED

BLK
WHT

FROM (YEL)
BREAKER

(YEL) TO
REFRIGERATOR

DETAIL BA

RUN MAIN NEUTRAL WIRE
THRU MODULE-CONTROL,PCS
CURRENT SENSOR HOLE TO
NEUTRAL TERMINAL BAR.

(WHT) WIRE
(TO WATER HEATER)

FROM (WHT) BREAKER

TO NEUTRAL BAR

FROM (RED) BREAKER

(RED) WIRE
(TO ROOF A/C)

DETAIL BB

7. SEE WIRING INSTL-BODY, 110V FOR ADDITIONAL INFORMATION.
6. ALL 110V STRANDED WIRE WITHOUT TERMINALS TO BE STRIPPED 10 MM AND SOLDER DIPPED.
5. REMOVE 400 MM FROM OUTER JACKET ON ALL WIRES ENTERING LOAD CENTER AND TRIM INDIVIDUAL CONDUCTORS AS REQUIRED TO MAKE INTERNAL CONNECTIONS.
4. ALL WIRES TO BE CLAMPED WITHIN 200 MM OF ATS.
3. GROUND WIRES ARE NOT SHOWN FOR CLARITY.
2. ALL GROUNDS TO BE COVERED WITH TUBING 8041-02-000.

1 INSTALLED BY ASSEMBLY LINE.

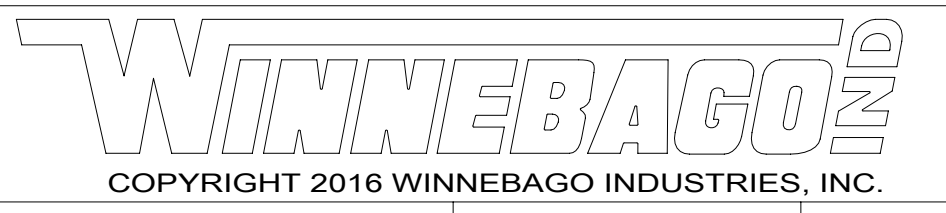
NOTES:

FOR ELECTRICAL
TORQUE
SPECIFICATIONS
SEE DWG NO.
128783-01-000

FOR ELECTRICAL
CALLOUTS
SEE DWG NO.
121339-01-000

265 CODES/STANDARDS-CSA/CMVSS
1B1 CODES/STANDARDS USA

1B1 265



DSNR:		ALL DIMENSIONS ARE IN MILLIMETERS	
DFFR:		MATERIAL:	
UNSPECIFIED TOLERANCES:			
WHOLE DIM (X)	: 3		
ONE-PLACE (X.X)	: 1.5		
TWO-PLACE (X.XX)	: 0.50		
ANGLE	: 1°		
REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES		WEIGHT: (LBS)	FIRST USED:
			17 248P
DESCRIPTION: LOAD CENTER ASM			
SHEET:	ITEM/PART NO:	REV	
1 OF 1	000017750 / 31344901000		