

8 7 6 5 4 3 2 1

D

C

B

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

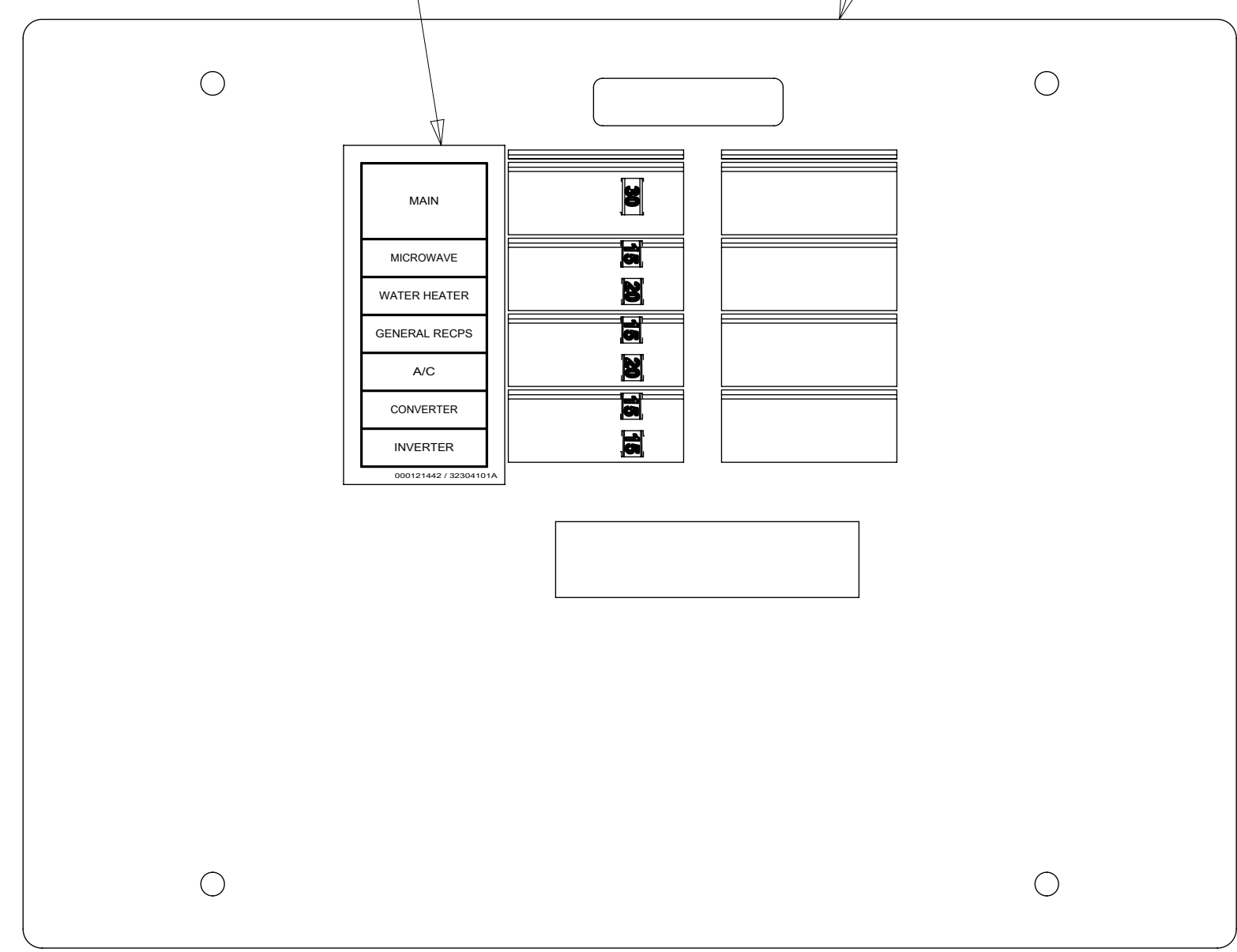
ALL GROUNDS

GROMMET  
008385-01-000

GROUND MAIN

1 LABEL-CONTROL CENTER  
000121442 / 323041-01-CHT

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)

LINE  
ENT

YEL  
ORG

BLU  
RED

BLK  
WHT

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:		
UNSPECIFIED TOLERANCES:	MATERIAL:	
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:
		19 259G

DESCRIPTION:  
**LOAD CENTER ASM**

SHEET:	ITEM/PART NO.:	REV:
1 OF 1	000127262 / 32465901000	

8 7 6 5 4 3 2 1

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1 30-Jan-2018