

PREVOST

Instruction Sheet

IS-19118

CONDENSER LOCK PIN INSTALLATION

First Release

MAY 2020

MATERIAL

Kit #IS19118 includes the following parts:

Item	Part No.	Description	Qty
1	453844	RETAINING PLATE	2
2	453820	SUPPORT ASSY	1
3	453839	PIN RECEPTACLE SUPPORT ASSY	1
4	453837	GUIDING PIN	1
5	453838	THREADED PIN	1
6	453843	PLATE	1
7	502573	WASHER FLAT SS 6.4 X 12.0 X 1.6 (M6,1/4)	6
8	502570	WASHER LOCK SPLIT SS 6.1X11.8X1.6 (M6,#12)	8
9	502830	SCREW CAP HEX N500 M6-1.0X20 G8.8	4
10	5001697	SCREW CAP HEX SS NSS M6X16	4
11	5001965	NUT SPRING U N500 M6-1 0.6-4.0	2
12	502681	NUT HEX NYLON INSERT NX500 M6-1.0 G8	2
13	504459	RIVET MGL PRDG SS 1/4 (0.080_0.272)	4
-	D450023	CONDENSER INST	2
-	IS-19118	INSTRUCTION SHEET	1

NOTE

Material can be obtained through regular channels.

OTHER MATERIAL

TORQUE SEAL

LOCTITE 262

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TOOLS TO BE USED	
TORQUE WRENCH 	RATCHET AND SOCKET SET – METRIC 
DRILL BITS Ø1/4" 	CORDLESS DRILL & BITS 
CENTER PUNCH 	HAMMER 
METRIC OPEN END WRENCH SET 	RIVETER 

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PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop the engine. Prior to working on the vehicle, set the ignition switch to the OFF position and trip the main circuit breakers equipped with a trip button. On Commuter type vehicles, set the battery master switch (master cut-out) to the OFF position.

Lock out & Tag out (LOTO) must be performed during set-up, maintenance or repair activities. Refer to your local procedure for detailed information regarding the control of hazardous energy.

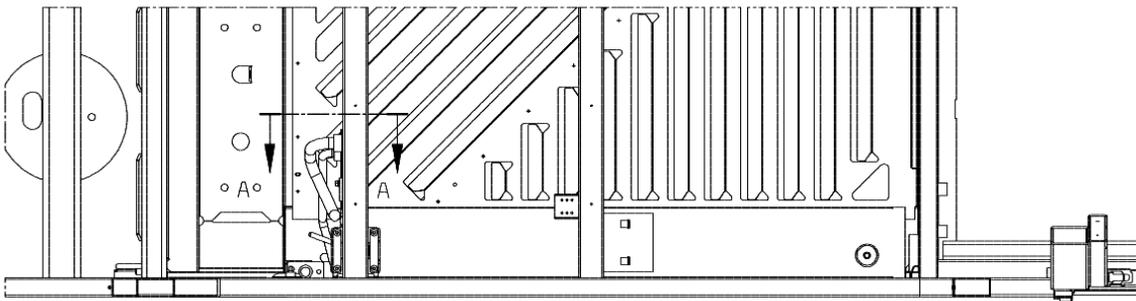
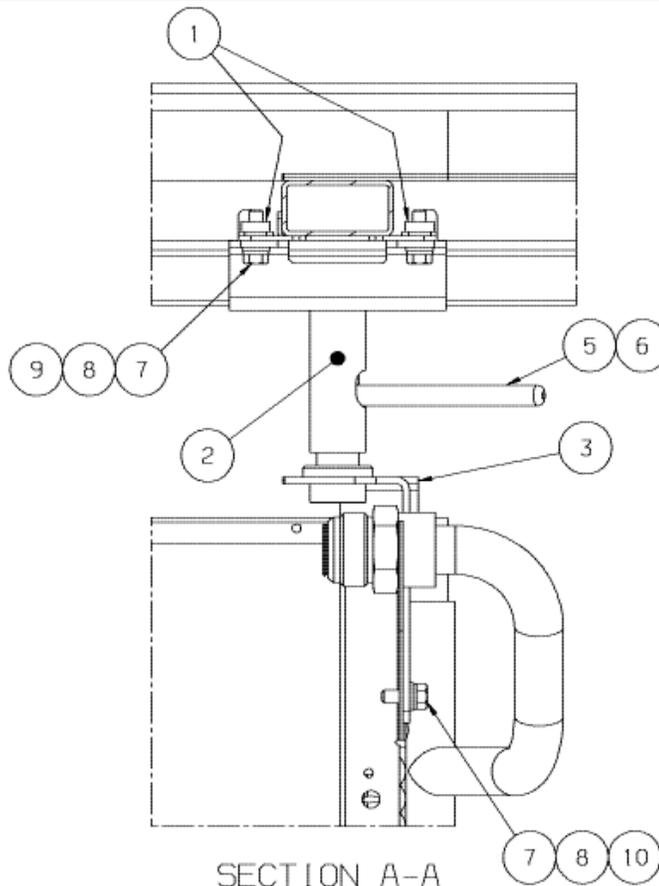


FIGURE 1: SECTION A-A



SECTION A-A

FIGURE 2: SECTION VIEW A-A

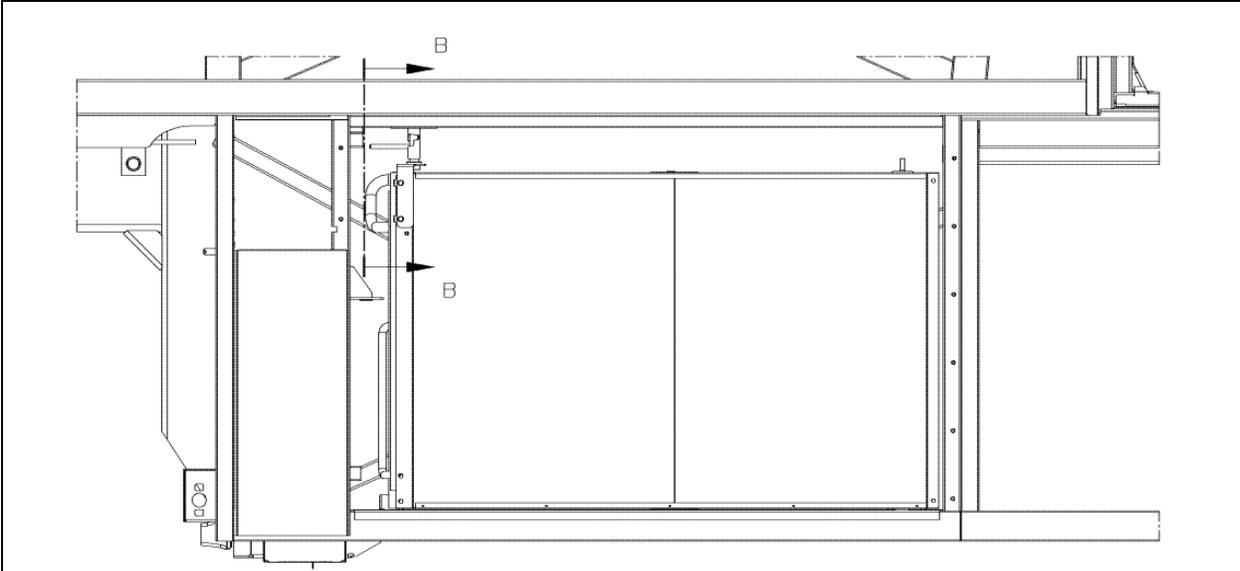


FIGURE 3: SECTION B-B

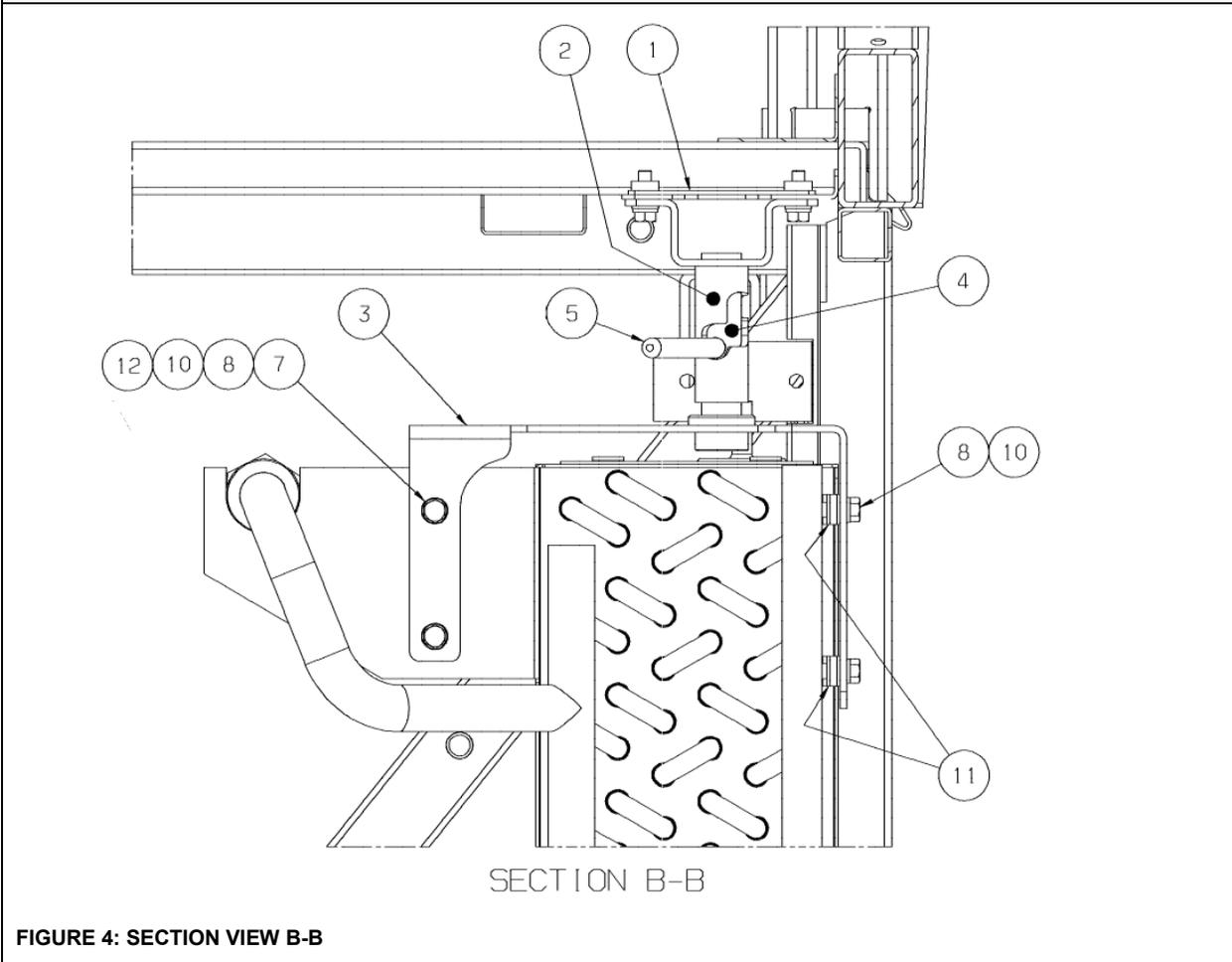


FIGURE 4: SECTION VIEW B-B

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GUIDING PIN INSTALLATION

1. Install plate #453843 (item 6, Figure 5) leaning the large tab against tube A and the two smaller tabs against tube B.
2. Use plate #453843 as a template for the drilling. Mark the holes position with a punch.
3. Drill four holes with a ¼ drill bit.
4. Secure plate #453843 using four rivets #504459 (item 13, Figure 5).
5. Install the support assembly #453820 (item 2, Figure 5) to the plate as shown on Figure 5 using the following hardware:

Item 1	#453844	RETAINING PLATE qty: 2
Item 7	#502573	WASHER FLAT qty: 4
Item 8	#502570	WASHER LOCK SPLIT qty: 4
Item 9	#502830	SCREW CAP HEX qty: 4 TORQUE: 7 lbf-ft

Apply torque seal marks

Insert the guiding pin #453837 into the support assembly and secure with the threaded pin #453838 (item 5, Figure 5). Apply Loctite 262 on the threaded pin.

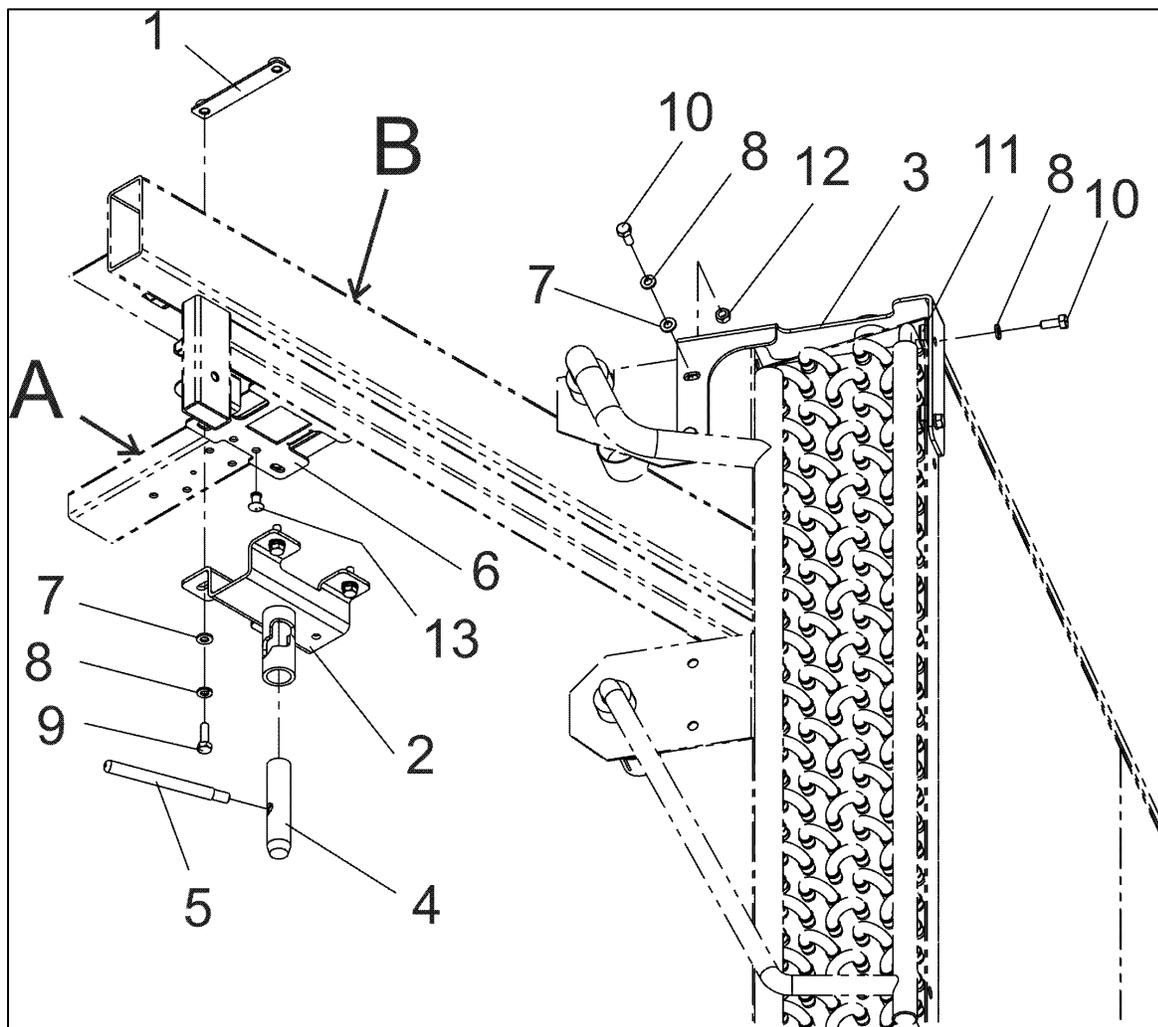


FIGURE 5: COMPONENTS LOCATION

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PIN RECEPTACLE INSTALLATION ON CONDENSER DOOR

1. Install the pin receptacle support #453839 (item 3, Figure 5) on the condenser core frame.
2. Use pin receptacle support #4538393 as a template for the drilling. Mark the holes position with a punch.
3. Drill four holes with a ¼ drill bit.
4. Install the pin receptacle support #4538393 (item 3, Figure 5) to the condenser core frame as shown on Figure 5 using the following hardware:

FRONT

Item 8	#502570	WASHER LO SPLIT qty: 2
Item 10	#5001697	SCREW CAP HEX qty: 2
Item 11	#5001965	NUT SPRING U qty: 2

SIDE

Item 7	502573	WASHER FLAT qty: 2
Item 8	#502570	WASHER LOCK SPLIT qty: 2 TORQUE: 7 lbf-ft
Item 10	#5001697	SCREW CAP HEX qty: 2
Item 12	#502681	NUT HEX NYRT qty: 2

Apply torque seal marks

PARTS / WASTE DISPOSAL

Discard waste according to applicable environmental regulations (Municipal/State[Prov.]/ Federal)