

PREVOST

Instruction Sheet

IS-20003

CONDENSER DOOR SECONDARY LATCH INSTALLATION

First Release

May 2020

MATERIAL

Kit #IS20003 includes the following parts:

Part No.	Description	Qty
2810425	LATCH ASSY	1
2810521	HOLDER, STOPPER	1
2810522	LATCH STOP	1
5001182	NUT HEX NYRT SS M6-1	1
5001833	WASHER BEL SPRING SS 301 6.65x17.4x1.27 (M6,1/4)	1
5001935	WASHER FLAT SS 10.5x18x1.6 (M10,3/8)	1
502245	SPRING, COMPRESSION .600x1.25x.059	1
502848	SCREW THREAD CUTTING HEX F N500 1/4-20x3/4	4
IS-20003	INSTRUCTION SHEET	1

NOTE

Material can be obtained through regular channels.

OTHER MATERIAL

TORQUE SEAL

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TOOLS TO BE USED	
TORQUE WRENCH 	RATCHET AND SOCKET SET -SAE 
DRILL BITS Ø15/64" 	RIGHT ANGLE DRILL 
CENTER PUNCH 	HAMMER 
MEASURING TAPE 	

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PERSONAL PROTECTIVE EQUIPMENT

Wear your personal protective equipment, including but not limited to the following:



Safety shoes



Safety goggles



General purpose gloves



DANGER

Wear eye protection and remove rings, metal jewelry and watches with metal bands.



DANGER

Wear protective glasses when striking objects to avoid injury to your eyes. Chips or other debris can fly off objects that are struck. Make sure no one can be injured by flying debris before striking any objects.

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PROCEDURE

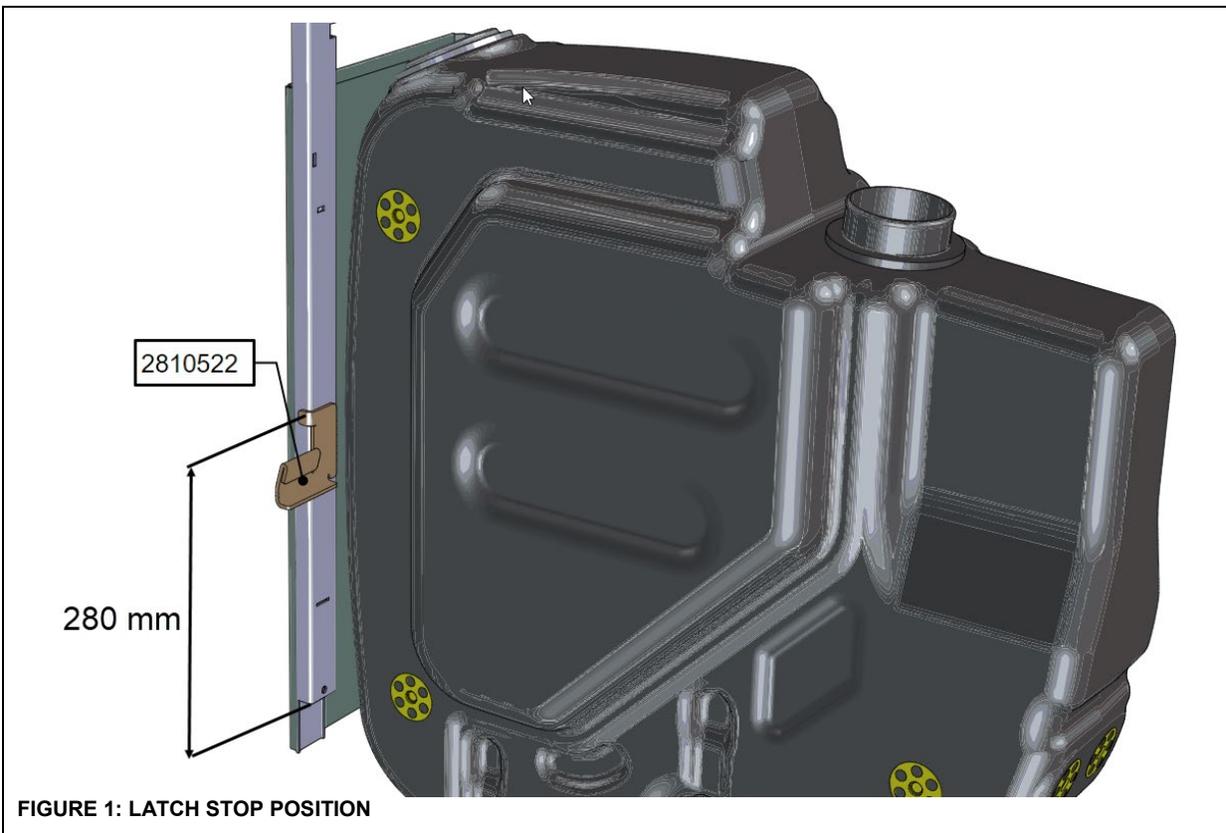


DANGER

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.

1. In the condenser compartment, install the latch stop #2810522, placing the top at 280 mm (11 in) from the bottom of the vertical square tube as shown on the image below (Figure 1).
 - a) Use the latch stop itself as a template to mark the drilling positions.
 - b) Drill two hole using a 15/64 drill bit.



2. Secure the latch stop using two thread cutting screws #502848 (torque 10 lb-ft) (Figure 2). Apply torque seal mark.

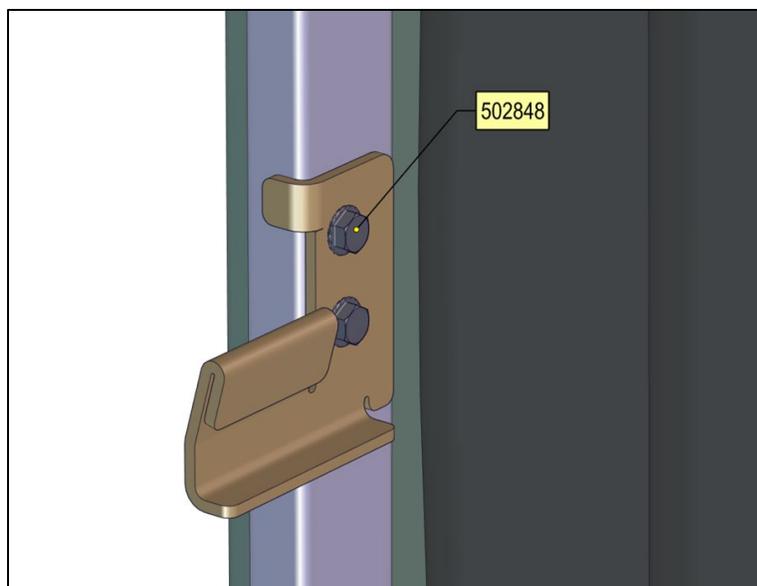


FIGURE 2

3. Preassemble the latch using the parts identified on the image below (Figure 3). Nut 5001182 is equipped with a nylon insert, DO NOT tighten too much, part 2810425 must rotate freely.

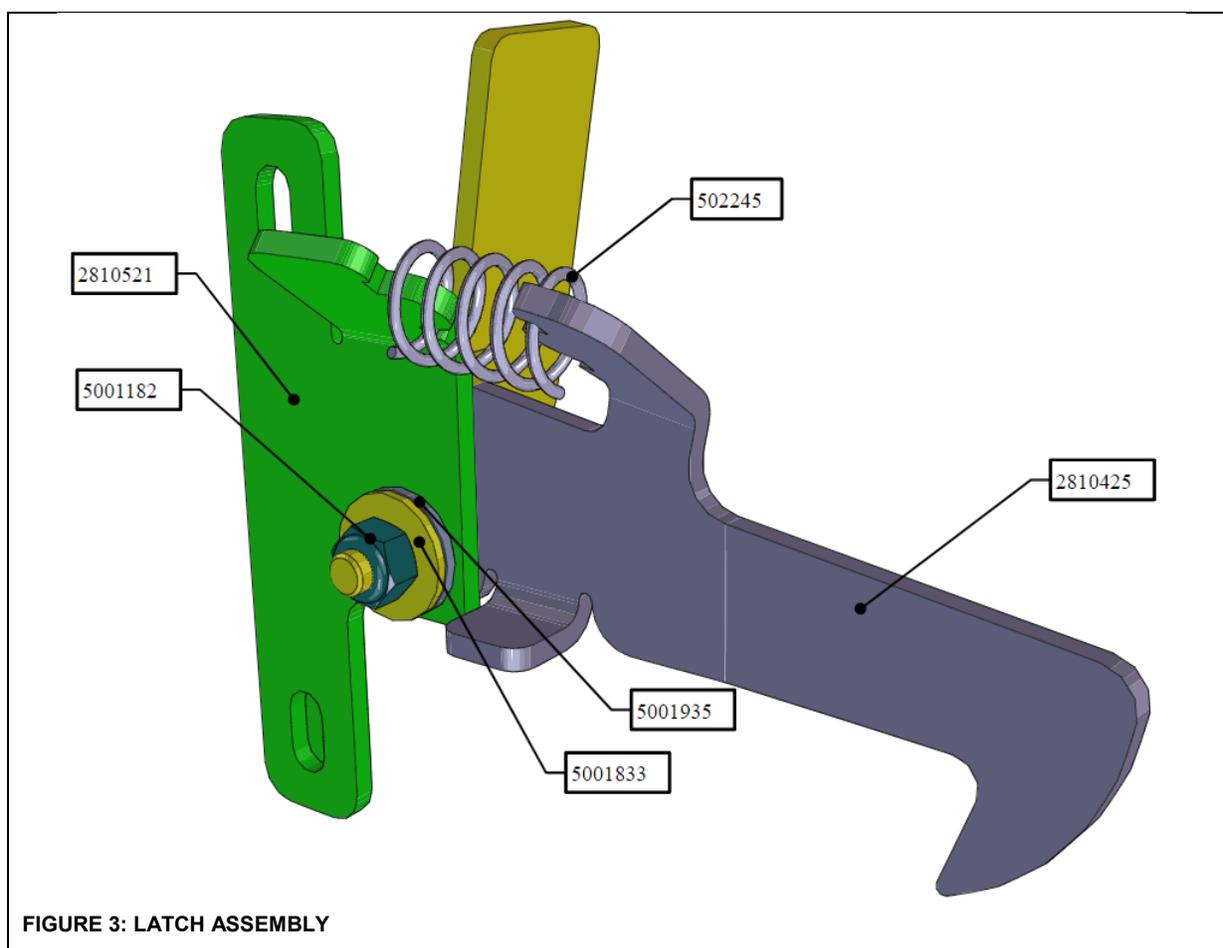
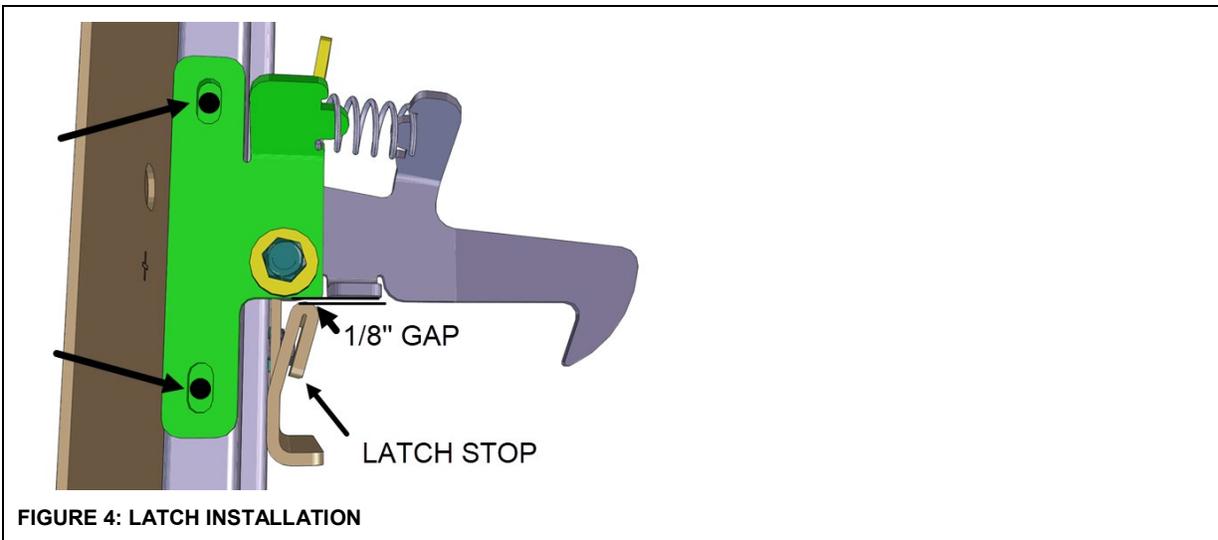
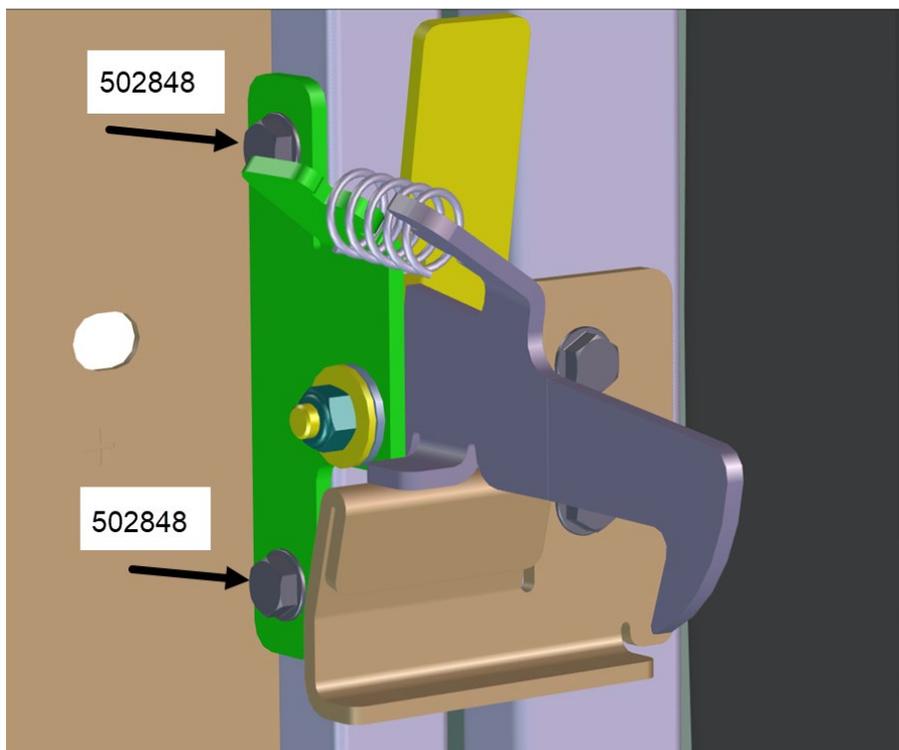


FIGURE 3: LATCH ASSEMBLY

4. Find the proper positioning of the latch. The hook must engage in the latch stop while the height must allow it to disengage too (Figure 4).
5. Drill two holes in the middle of the slotted holes to allow for adjustment using a 15/64 drill bit (Figure 4).



6. Secure the latch stop using two thread cutting screws #502848 (torque 10 lb-ft) (Figure 5). Apply torque seal mark.



PARTS / WASTE DISPOSAL

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