

PREVOST

Instruction Sheet

IS-15012 CO24

"T" KEY ON CURBSIDE ENGINE COMPARTMENT DOOR (CHANGE ORDER 24)

MATERIAL

Order kit SP15-342 which includes the following parts:

Part No.	*Drawing Ref	Description	Qty
2800989	1	LEVER LATCH "T" KEY	1
479625	2	PLATE INSIDE "T" KEY	1
506869	3	RUB AD2 CC POL 1/32 X 1/4 X 300'	1 ft
2800660	5	LATCH "T" KEY DUAL MARKERS	1
280174	6	GASKET ADH2 33.5 I.D x 43.5 O.D. x 1/32"	1

Other parts that may be required:

Part No.	*Drawing ref	Description	Qty
687957	4	LOCTITE 5590 400ML CARTRIDGE	1
687958		MIXER QUADRO 10.7MM WITH V NOTCH ADAPT.	1
680038	7	LOCTITE 243 50 ML.	1

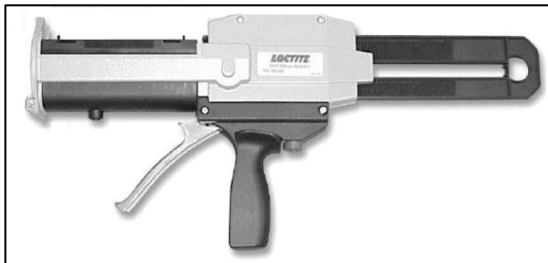
*Refer to drawing D280312 at the end of this bulletin

NOTE

Material can be obtained through regular channels.

REQUIRED TOOLS

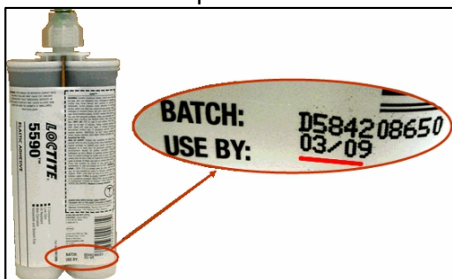
Henkel Loctite #983438 400 ml Dual cartridge manual applicator.



687957 Glue

Check "USE BY" date before use.

Date code example



03 = month of march
09 = year 2009

PROCEDURE



DANGER

Park vehicle safely, apply parking brake, stop 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.

1. Locate and open the curbside engine compartment door on the vehicle. (item 2, Fig. 1)

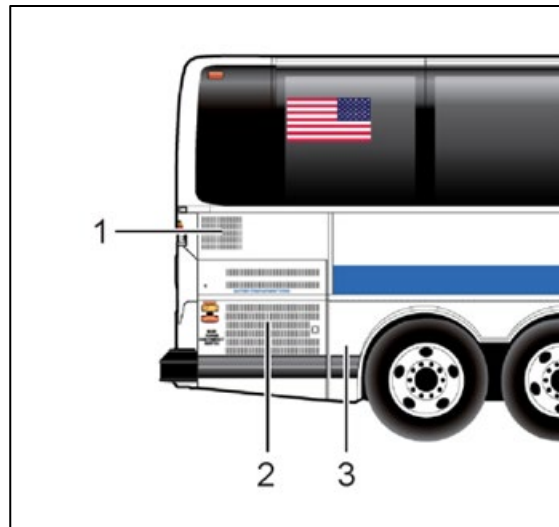


FIGURE 1

2. Remove the 4 screws retaining the protective box.(Fig. 2)

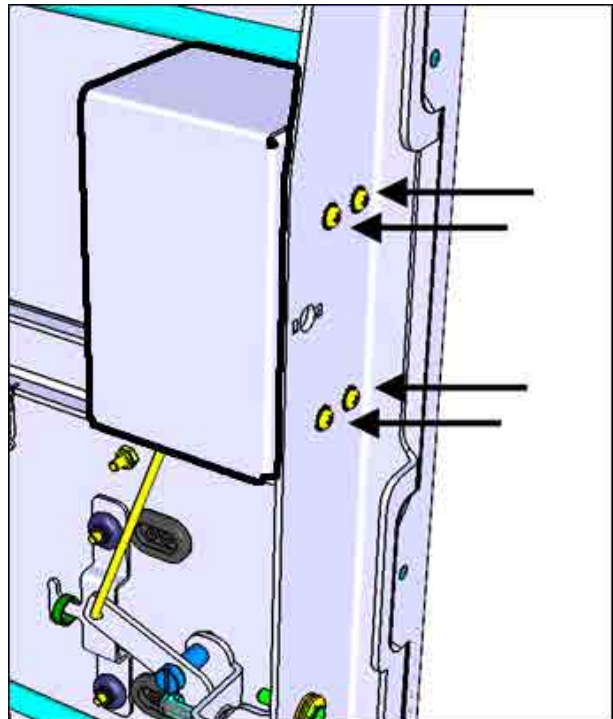


FIGURE 2

3. Remove and reserve the box and mounting hardware for reassembly (Fig. 3)

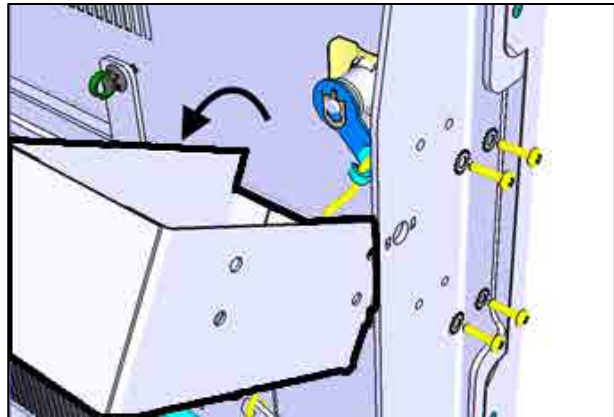


FIGURE 3

4. Remove the clip holding the lever. (Fig. 4)
5. Discard clip.

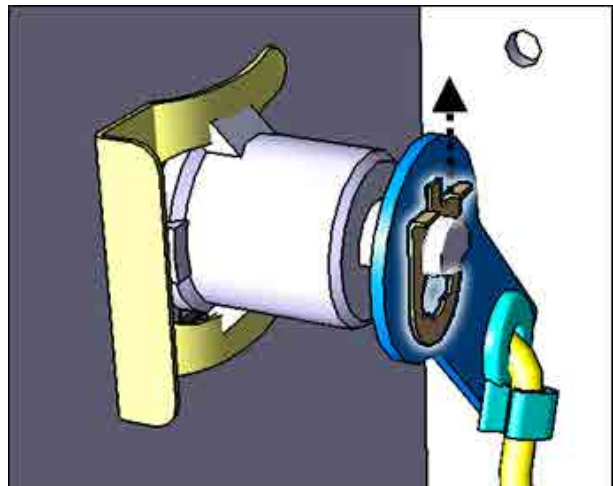


FIGURE 4

6. Remove the actuating rod from the lever by prying open the clip retainer bushing, rotating the rod and pulling it out of the bushing. (Fig. 5)

Dismount clip retainer from lever and reserve for re-assembly.
Discard latch lever.

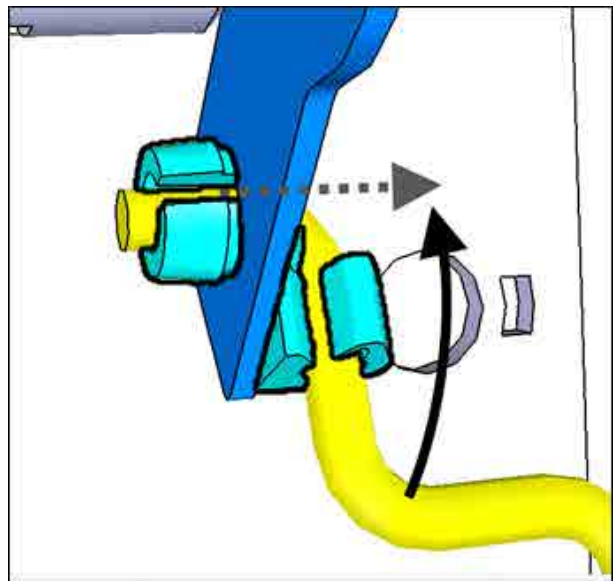


FIGURE 5

7. Slide off the spring holding the cylinder. (Fig. 6)

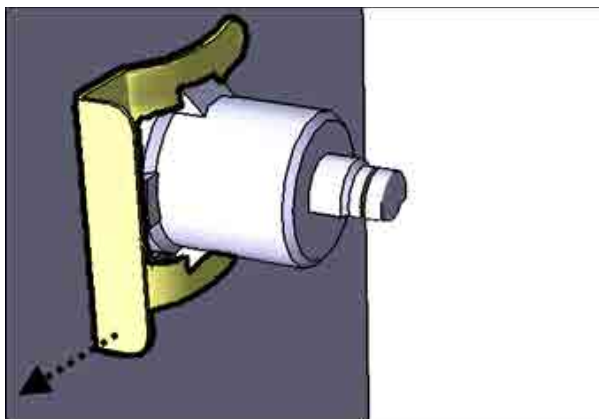


FIGURE 6

8. Remove cylinder. (Fig. 7)



FIGURE 7

To install the new cylinder, we need to change the shape of the mounting hole in the door by gluing a new plate #479625 on the back face of the door.

Before gluing with Loctite 5590, refer to the related documentation from Henkel Loctite. Remove surface contaminants such as oxide films, oils, dust, mold release agents and all other surface contaminants.

Use gloves to minimize skin contact. DO NOT use solvents for cleaning hands.

9. Clean and prepare the surfaces on plate and door inside with anti-silicone, according to gluing best practices.
10. Cut the double face tape #506869 in 4 equal lengths and apply to #479625 plate. (Fig. 8)

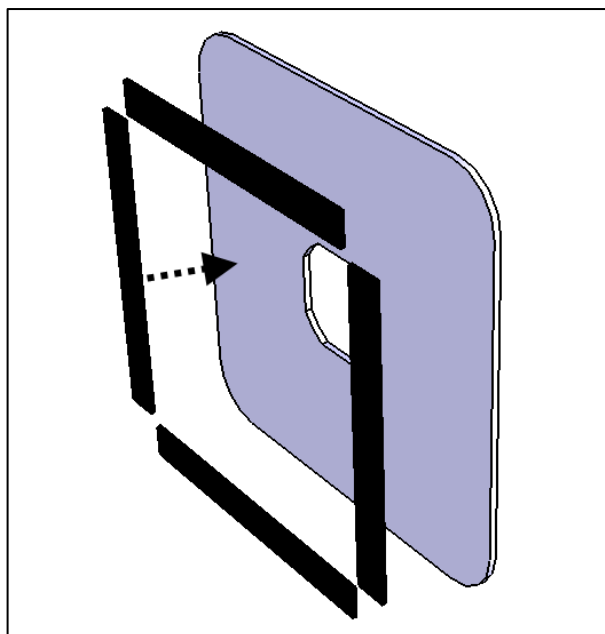


FIGURE 8

11. Apply gasket #280174 centered to the hole.
(Fig. 9)

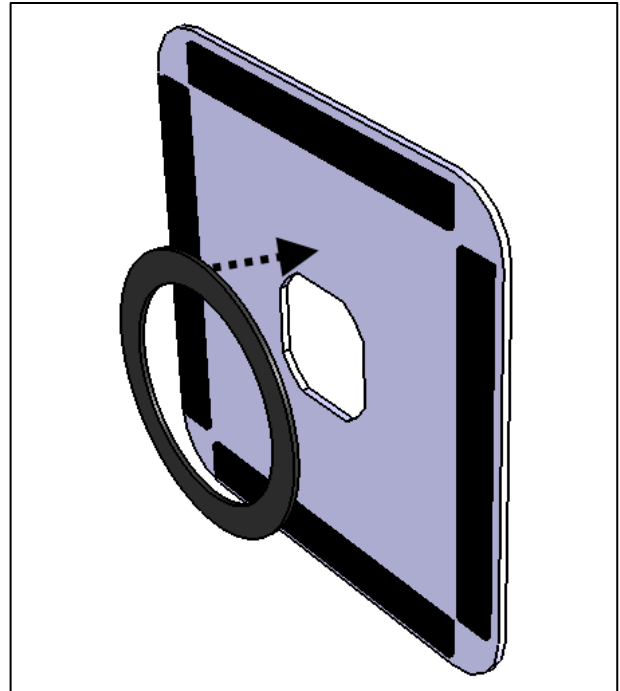


FIGURE 9

12. Cut the tip of the glue applicator to have a 3/16mm wide x 3/16mm high triangular bead of glue (Fig. 10).

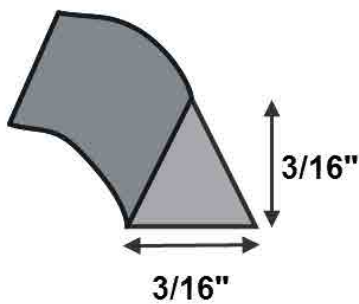


FIGURE 10

13. Apply one bead in the zone between both gaskets. (Fig. 11)

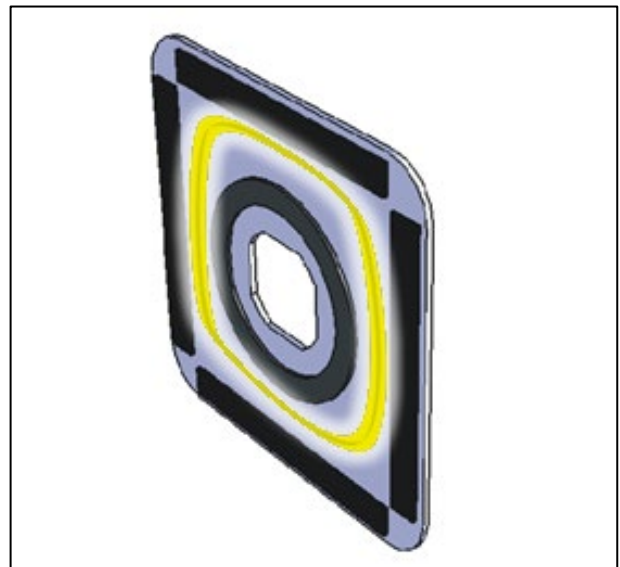


FIGURE 11

- 14.** Using the lock cylinder to align and retain the plate, place the plate on the inside face of the door. (fig. 12)
- 15.** Tighten the nut without overly compressing the plate and gaskets.

Curing time: *approx. 30min at 73 deg F*

An increase in temperature accelerates the reaction time of the mixed components.

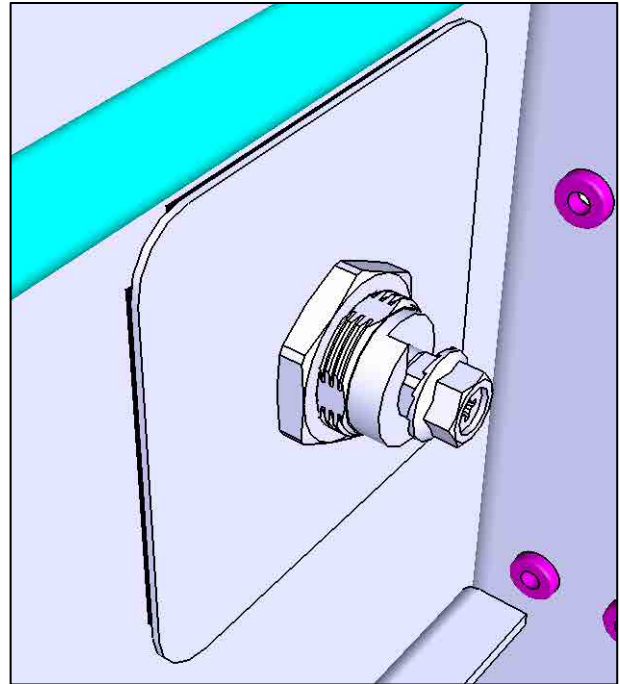


FIGURE 12

- 16.** Insert the clip bushing in the new lever.
- 17.** Insert the rod in the clip bushing (Fig. 13)
- 18.** Rotate the rod until it clips in the retainer.
(Fig. 13)

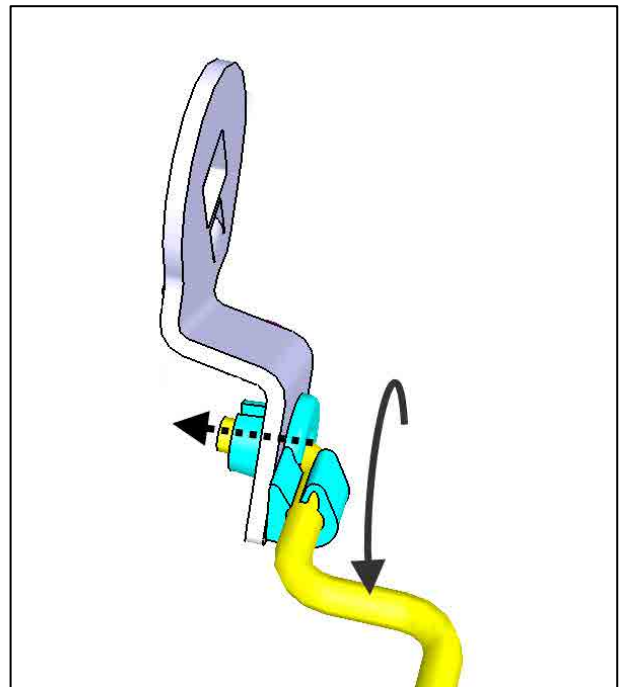


FIGURE 13

19. Install the lever on the cylinder. (Fig. 14)
20. Apply #680038 Loctite 243 to the flange screw threads.
21. Hand-tighten the flange screw.
22. Hand-tighten the cylinder nut.
23. Verify proper operation of the door latch by opening/ closing the door a few times.

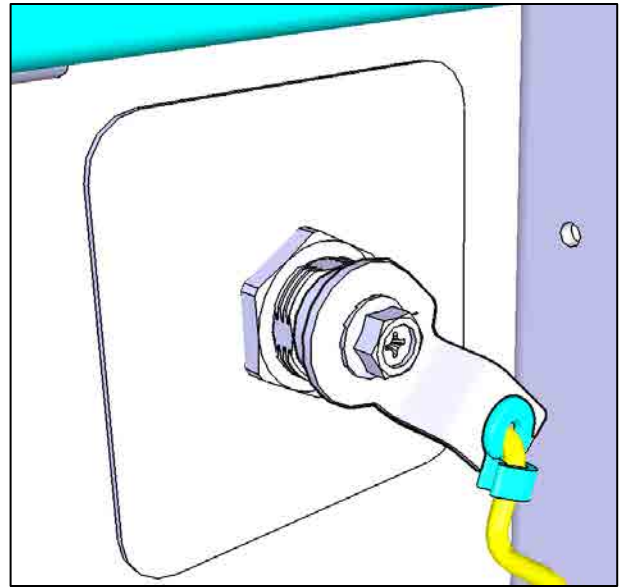


FIGURE 14

24. Re-install the box with hardware reserved previously. (Fig. 15 & 16)

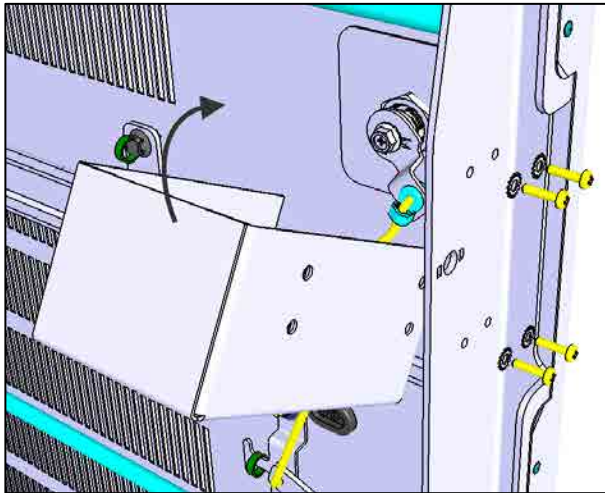


FIGURE 15

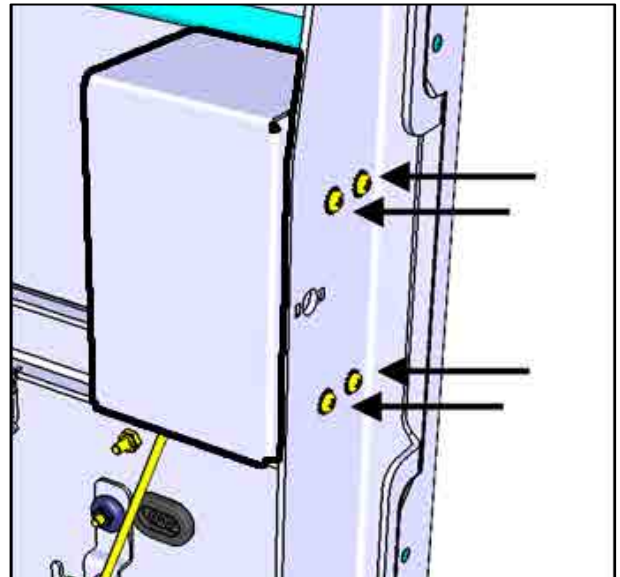


FIGURE 16

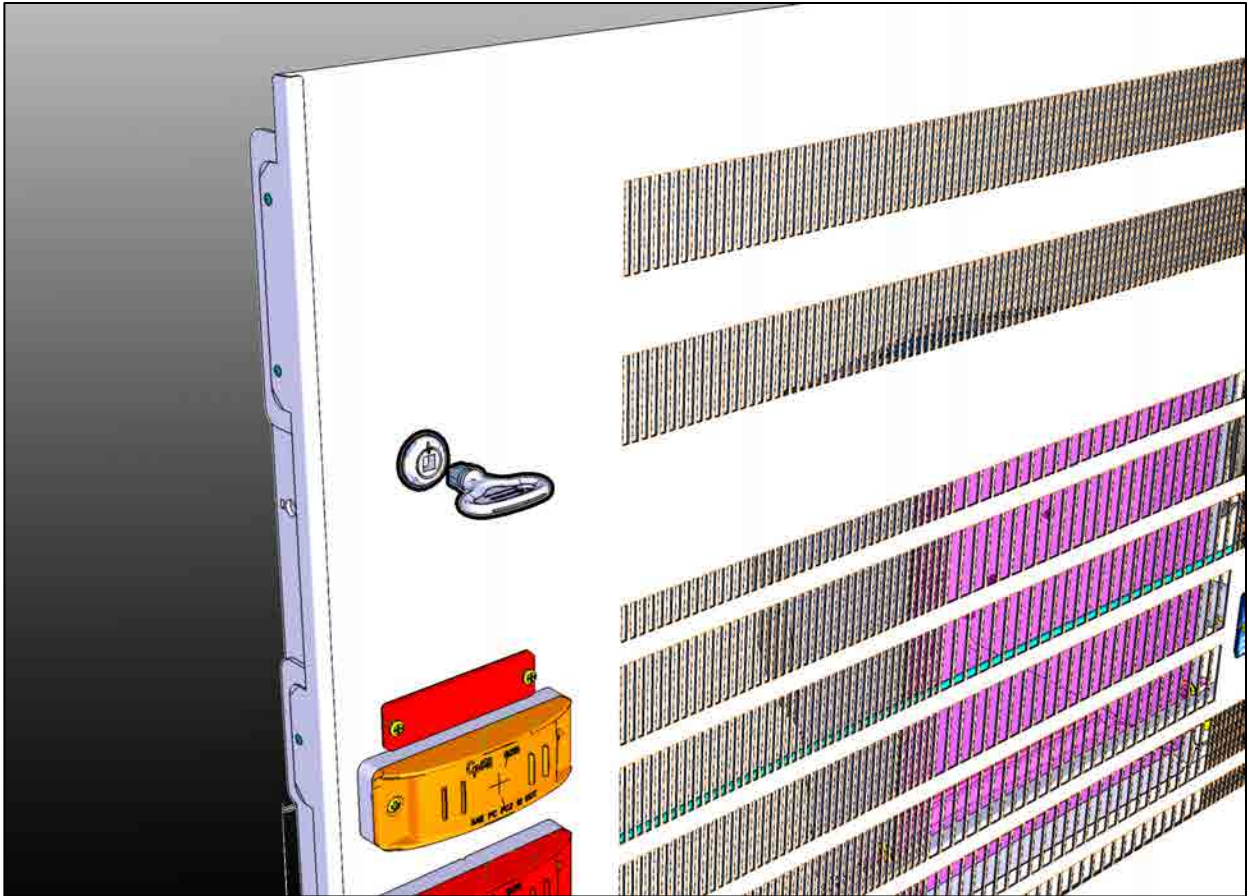
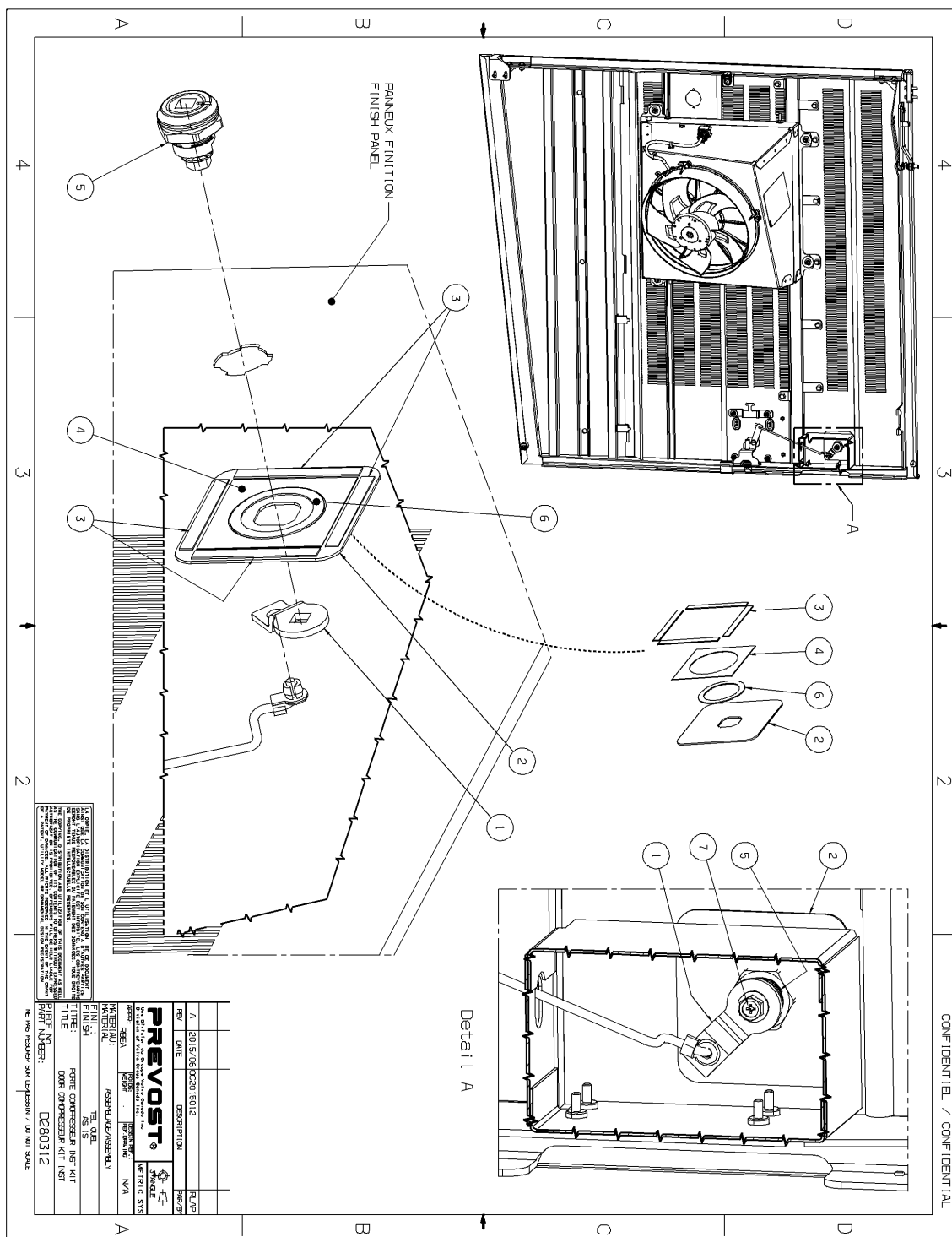


FIGURE 17 FINAL RESULT



Reference drawing: D280312
Reference engineering list: 2800988

PARTS / WASTE DISPOSAL

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

ESTIMATED TIME

The time required to perform this special bulletin is approximately one hour.

PARTS / WASTE DISPOSAL

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