

PREVOST

Instruction Sheet

IS-12059

PROXIMITY SWITCH CONNECTOR IMPROVEMENT ON COMPRESSOR AND ENGINE COMPARTMENT DOORS

A new connector with improved weather resistance is available for proximity switches installed on compressor and engine compartment doors.

Replaces 068053 proximity switches - triangular 3-pin gray Deutsch connector- on X and H models, EPA 2010 vehicles only.

This instruction sheet covers two kits. Depending on the kit you ordered, select procedure "A" or procedure "B".

Kit "A" includes only the new connector. This kit allows you to replace the connector on an existing proximity switch while re using most of the former connector's components. No modification is required on the vehicle-side harness.

Kit "B" includes the improved proximity switch assembly. No modification is required on the vehicle-side harness.

On X models, this instruction sheet can be performed in conjunction with IS-12026, kit 289005. (Latch and striker proximity switch - compressor door)

MATERIAL

A Order kit 068621:

Pièce No	Description	Qté
564555	Replacement connector Deutsch 3C Black	1
564556	Backshell	1
F112059	Feuille d'instructions	1
IS12059	Instruction sheet	1

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B Order kit 068622:

Pièce No	Description	Qté
068076	Improved proximity switch assembly	1
F112059	Feuille d'instructions	1
IS12059	Instruction sheet	1

PROCEDURE "A"



DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

A- Kit 068621

1. On the engine or compressor door, locate the proximity switch.
2. Following switch harness and locate the triangular gray 3-pin connector.



3. Cut the cable ties holding the proximity switch harness.

Unplug the 3 pin gray connector.

Use Deutsch extractor tool 682321 to remove connector pins.

Remove secondary lock and keep for re-use.

Using the extractor tool, slip the pins in the new black connector # 564555

Follow layout shown. Pay special attention to the orientation of the marked « E » in the middle.

Assemble secondary lock and Install backshell #564556 over convoluted conduit.

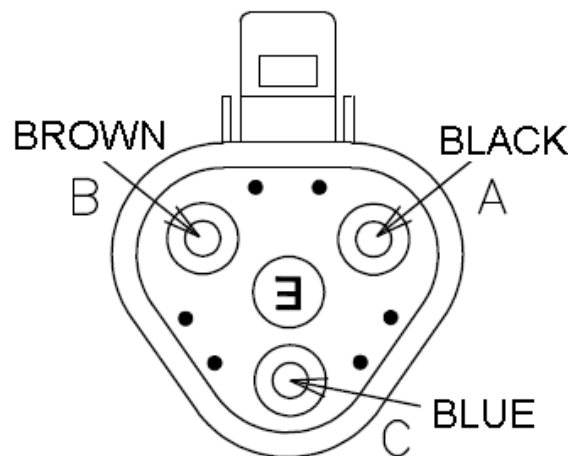
Secure the harness with cable ties.

Take care to place new connector in horizontal position.

4. Test door operation.

If required, adjust gap between door and detector.

Use a .080" (2mm) filler gage to control gap.



PROCEDURE “B”



DANGER

Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

B- Kit 068622

1. On the engine or compressor door, locate the proximity switch.
2. Mark insertion depth.
3. Remove the existing proximity switch from the bracket
4. Unplug the 3 pin gray connector.
5. Cut the cable ties holding the proximity switch cable.
6. Copy former proximity switch depth mark to the new proximity switch assembly.
7. Install new proximity switch.
8. Connect new proximity switch assembly.
9. Secure the harness with cable ties.
10. Take care to place new connector in horizontal position.
11. Test door operation.
12. If required, adjust gap between target and detector.
13. Use a .080” (2mm) filler gage to control gap.



PARTS / WASTE DISPOSAL

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