

PREVOST

Instruction Sheet

IS-19036

PETRI STEERING WHEEL REPLACEMENT

First Release :

04-15-2019

MATERIAL

Order kit # **IS19036** which includes the following parts:

Part No.	Description	Qty
160004	Steering Adapter Ring	1
661171	Steering Wheel, Commuter	1
661149	Horn Center Pad	1
562697	Switch	1
564081	Switch Cover	1
0610188	Harness Extension	1
562768	Terminals	2
IS-19036	Instruction Sheet (EN)	1
FI-19036	Instruction Sheet (FR)	1

NOTE

Material can be obtained through regular channels.

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. Remove old steering wheel.

 **CAUTION**

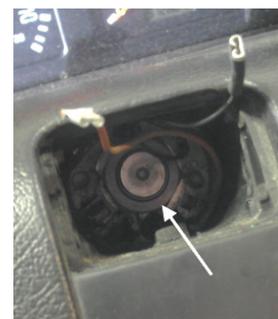
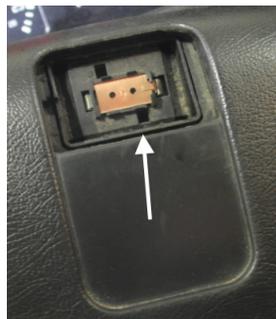
Make sure the vehicle front wheels are pointed straight ahead before removing the steering wheel.

- Remove center horn switch from the steering wheel.

NOTE:

Unclip horn switch cover first then pry out the switch using a flat blade screwdriver.

- Disconnect the switch.
- Remove the center retaining nut.
- Pull off the steering wheel from column using suitable steering wheel puller.



2. Remove steering column cover top part.

- Remove the four Phillips head screws holding the cover top.



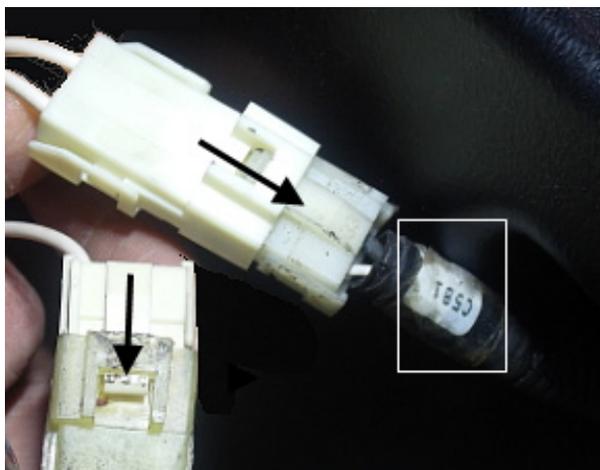
3. Disconnect horn harness.

- On the left side of the steering column, disconnect the **C581** connector (horn harness).



4. Route & connect new harness extension **0610188** from the steering column to the lateral control panel.

- Connect both harness extension 2 PIN connectors to the previously disconnected C581 connectors on the steering column left side.



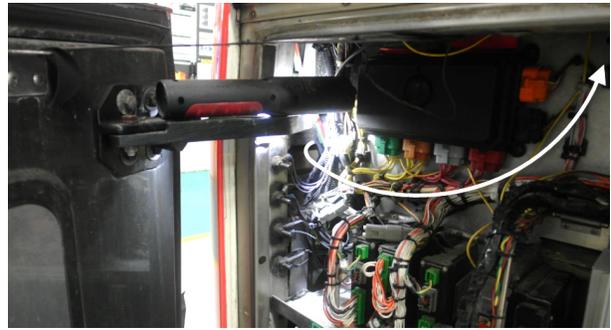
- Route the harness along the steering column.
- Pass the harness behind the firewall down to the front junction box area.



NOTE:

Use a steel fish tape or flexible steel rod to route the harness extension.

- Route the harness inside the front junction box up to the lateral control panel area (use cable ties as required to secure the harness inside the junction box).



5. Install the lateral control panel horn switch.

- Remove a lateral control panel dummy switch (cap) where the horn switch will be installed.
- Install (clip) the horn switch **562697** (and **564081** cover) in its location.
- Unclip the lateral control panel cover to access the harness extension (front junction box area).
- Connect the harness extension to the horn switch.
- Connect the harness extension black and yellow wires to one of the adjacent switch back lighting connection.



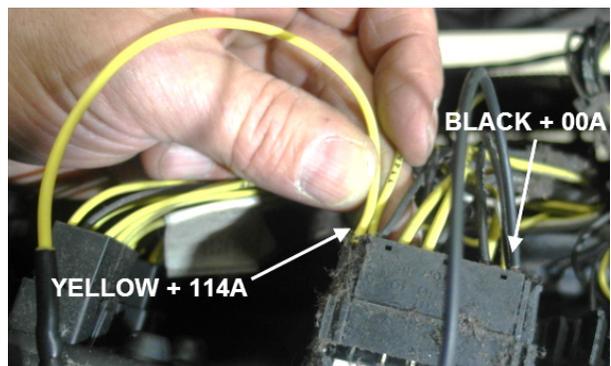
NOTE:

Connect the yellow wire to the *adjacent switch 114A* circuit.

Connect the black wire to the same switch **00A** circuit.

PROCEED AS FOLLOWS:

- Remove both wires (114A & 00A) from the adjacent switch connector.
- Cut 114A & 00A terminals.
- Splice switch wires 114A & 00A with harness extension wires (yellow with 114A, black with 00A) and solder new supplied **562768** terminals at the ends.
- Reinstall jointed wires in the switch connector.



- Reinstall (clip in place) the lateral control panel cover.

6. Reinstall steering column cover top part.

- Secure using previously removed Phillips screws.



7. Install adapter ring **160004** to the new steering wheel **661171**.

- Pass the ring adapter wire through the new steering wheel.

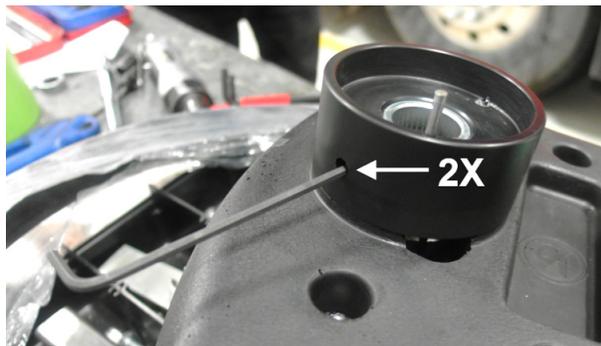


- Place the ring in position at the back of the steering wheel making sure that:

- a) The ring wire is not pinched.
- b) The ring is engaged in the three steering wheel tabs.



- Secure the ring to the steering wheel by tightening the two laterals Allen set screws.



8. Install the new steering wheel.

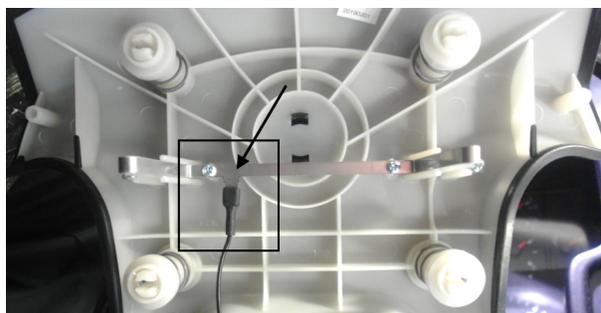
- Slide the steering wheel on the steering column end making sure the steering wheel is straight.

- Secure the steering wheel to the column.

TORQUE : 35 to 45 lb-ft (48 to 61 Nm)

- Connect the adapter ring wire to the **661149** steering wheel center pad (horn button).

- Clip the steering wheel center pad to the steering wheel.



9. Check for proper horn operation.

- Make sure the horn is functioning when pressing hard on the steering cover.
- Make sure the horn is switching between air and electric horn when flipping the new switch on the lateral control panel.
- Check for proper illumination (backlight) of the switch.



PARTS / WASTE DISPOSAL

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