

# Rear Camera Washer for Tesla Model 3 2018- Tesla Model Y 2020-



## Installation manual

- 1** Remove rear **license plate bracket**. Put on a strip of **masking tape** to protect the body.

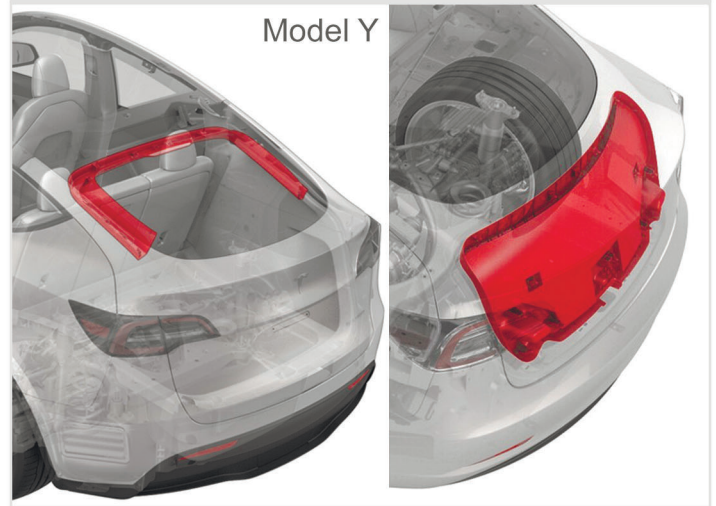
Model 3

Model Y

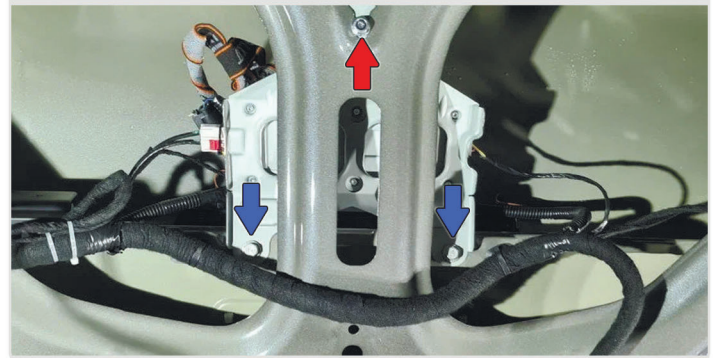


- 2** Release **the clips** and remove the liftgate upper (only Model Y) and the lower trim.

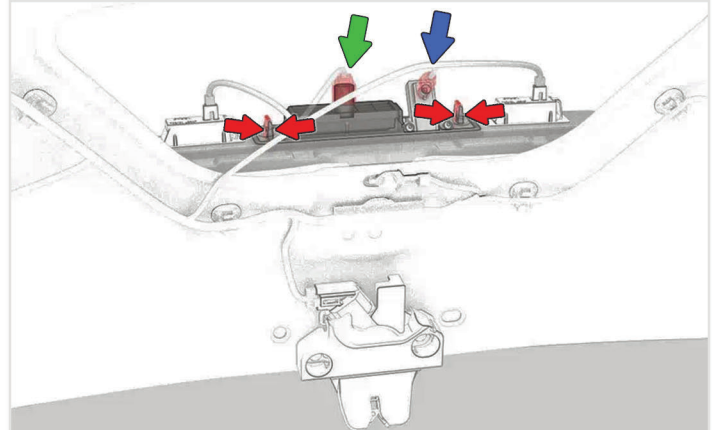
Model 3



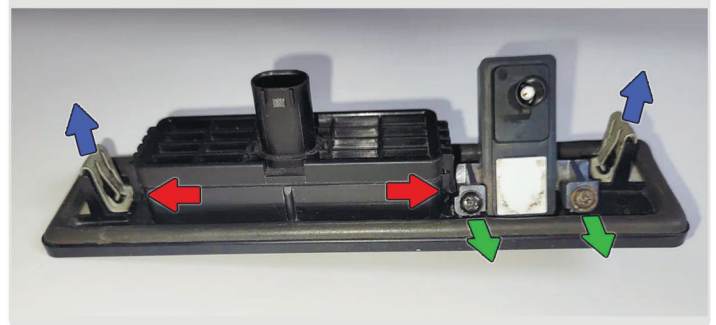
- 3** **Only for Model Y:** Remove the **2 bolts** and the **nut**, and move the radio tuner to access the rear camera connector.



- 4** Disconnect the connectors from the **trunk release switch** and the **rear camera**. Release the **clips** and remove the switch with camera.

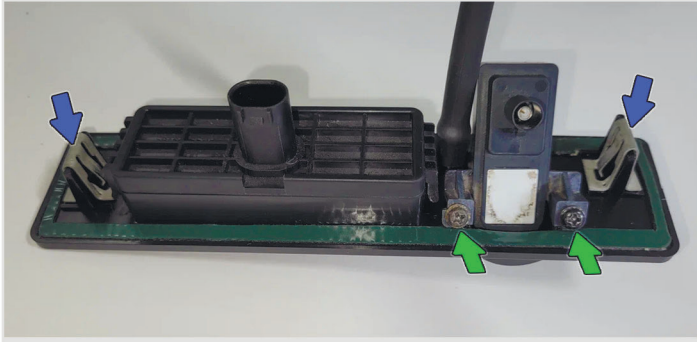


- 5** Remove **2 screws** and remove camera from the bracket. Release **2 clips** and pull out the button. Remove **2 clips** from the bracket with a thin screwdriver.

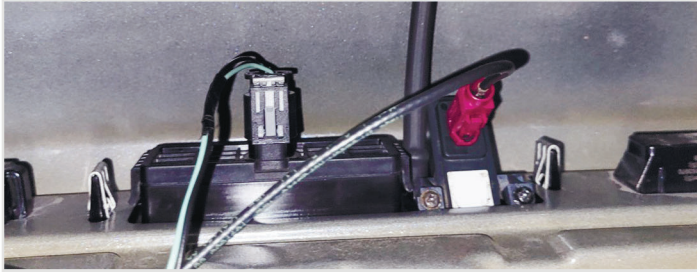




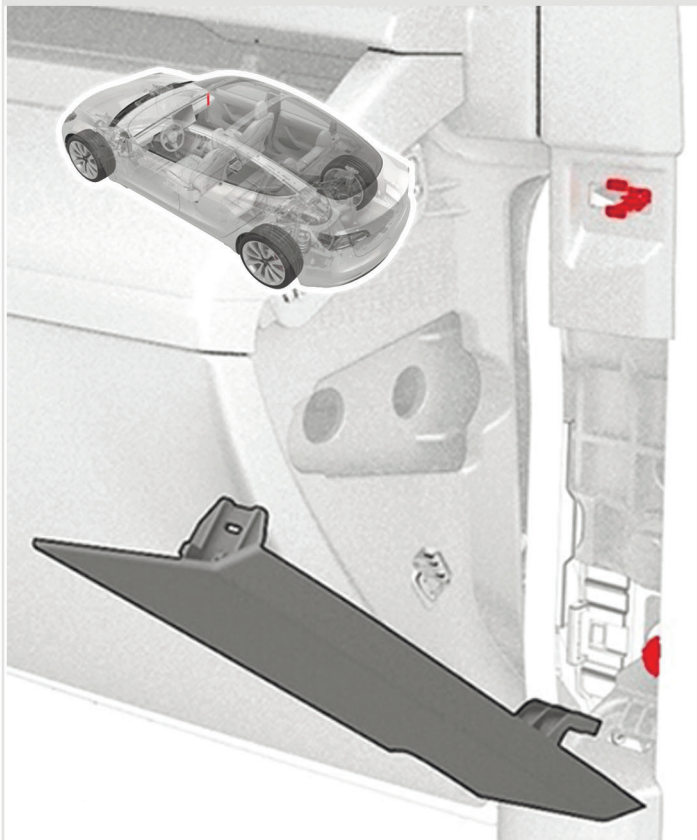
**6** Install the button and camera to the new bracket. Tighten 2 screws. Install 2 clips.



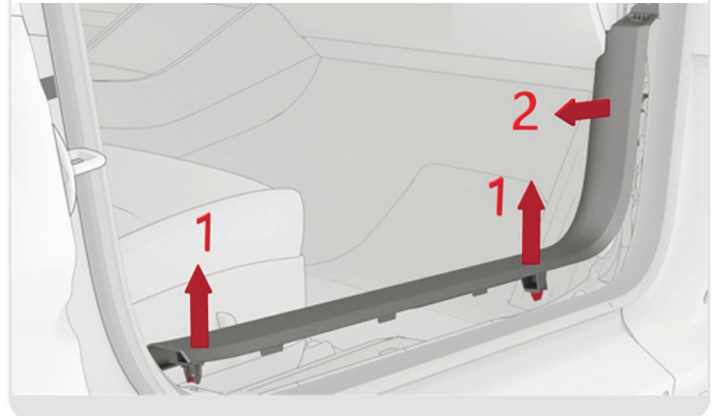
**7** Degrease the mount place on the liftgate with the alcohol wipe from the package. Remove protection film from the mount tape and put the bracket to it's place. Press around the perimeter to securely stick the adhesive tape. Connect the camera connectors and trunk release buttons.



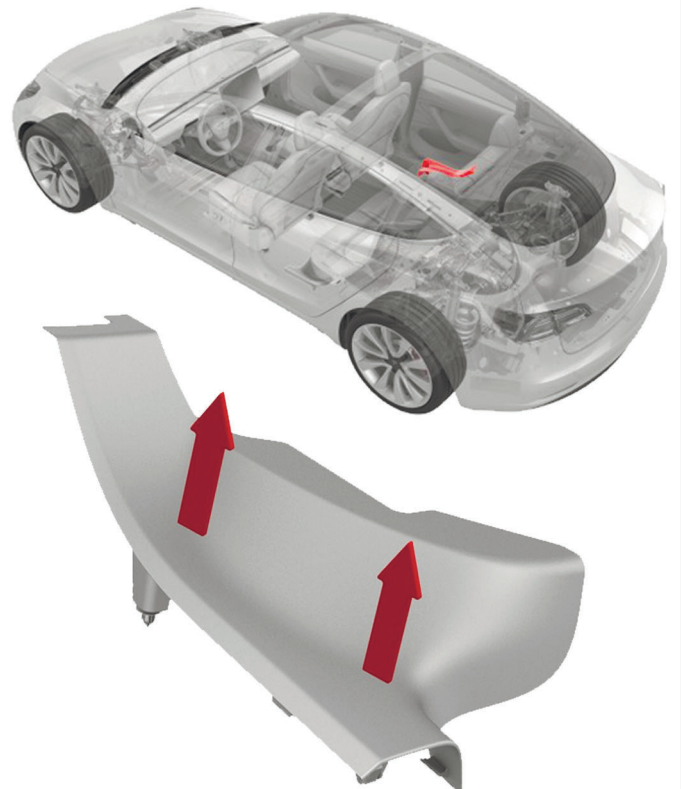
**8** Disassemble the right sill in the car to extend the hose from the windshield washer to the rear view camera.



**9** Remove RH front sill trim.

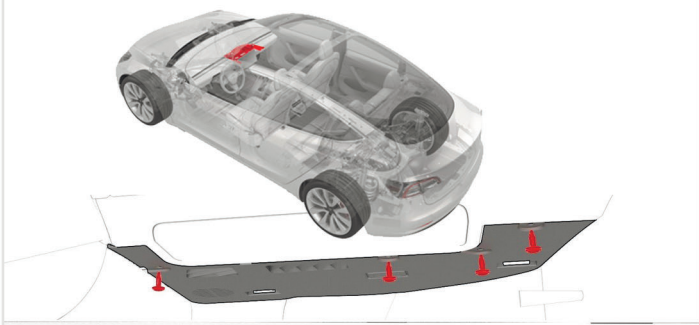


**10** Remove RH rear sill trim. Route the hose from the front to the back of the vehicle.

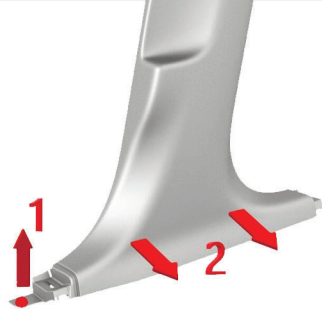




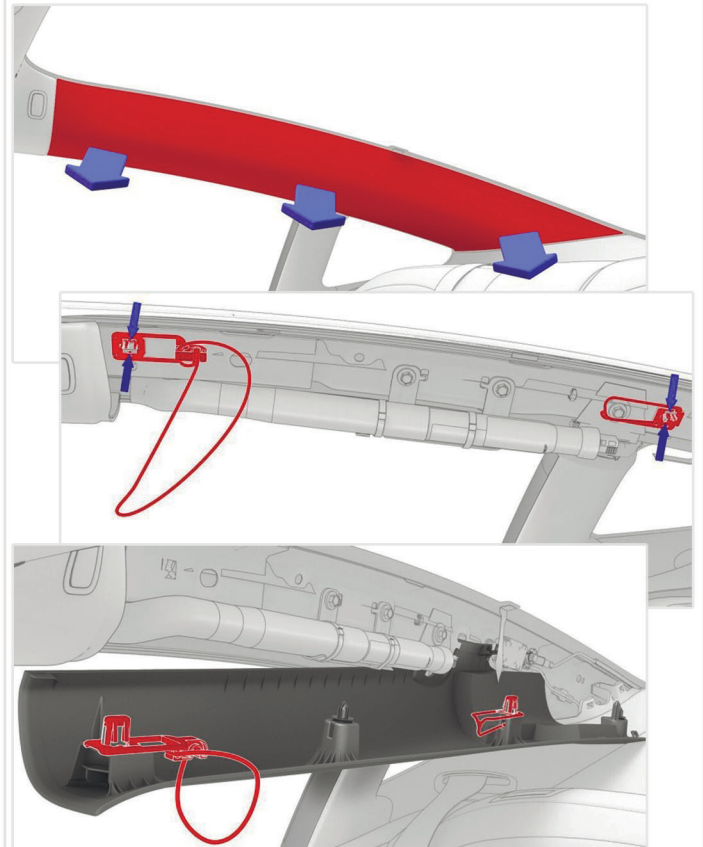
**11** Remove RH footwell assembly. Disconnect connectors.



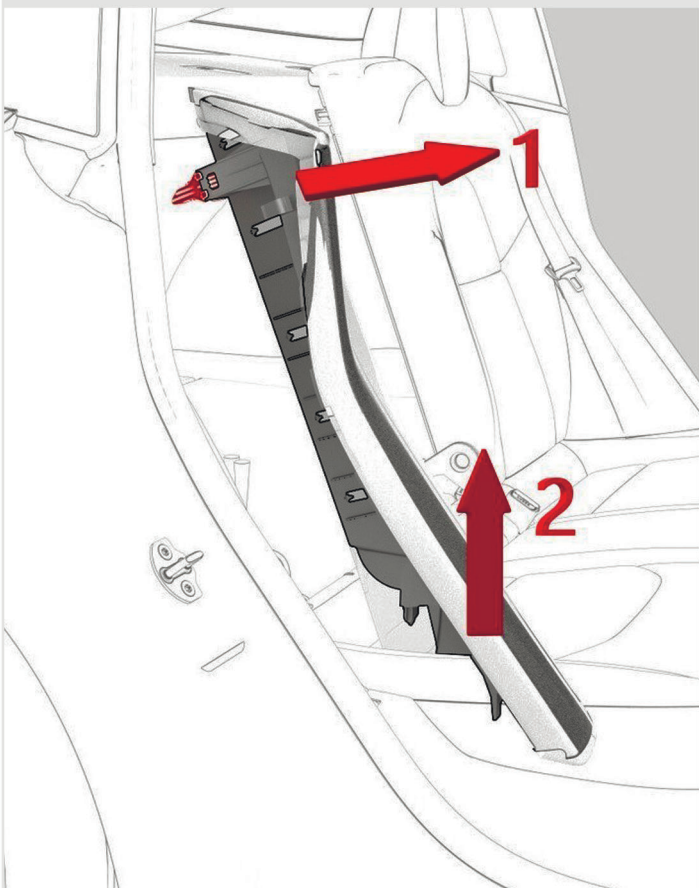
**12** Remove clip securing RH center lower pillar to body and remove the RH center lower pillar assembly.



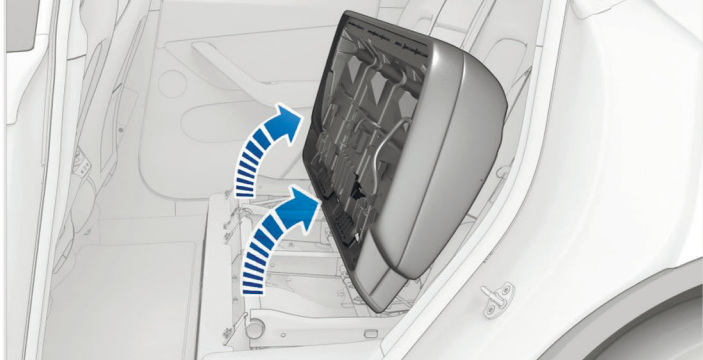
**14** **Only for Model 3:** Remove the RH side rail trim. Disconnect the clips from the body and install them on the rail trim.



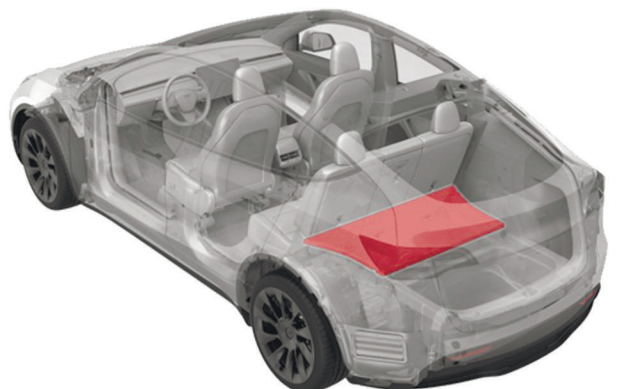
**13** **Only for Model 3:** Pull the rear seat side bolster inward, and then move the bolster up to remove it.



**15** **Only for Model Y:** Lift the front edge of the rear row lower seat cushion upward and move it out of vehicle.



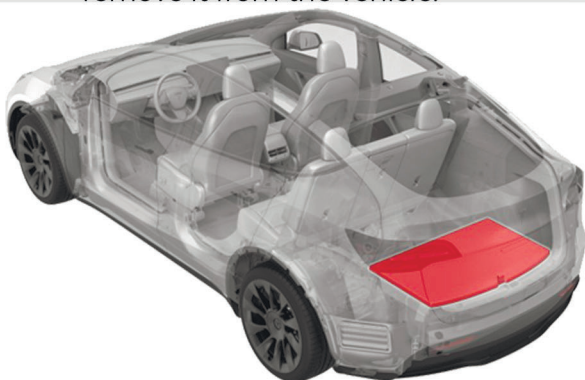
**16** **Only for Model Y:** Lift up the front trunk load floor and remove it from the vehicle.



17

Only for Model Y:

Lift up the rear trunk load floor and remove it from the vehicle.



18

Only for Model Y:

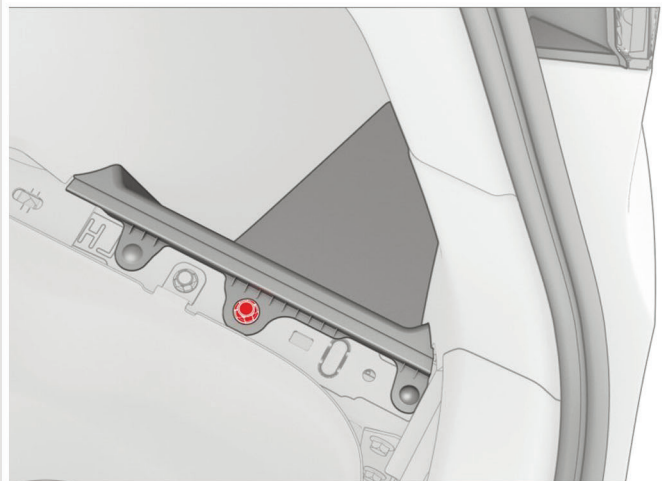
Release the clips that attach the trunk sill trim to the body and remove it.



21

Only for Model Y:

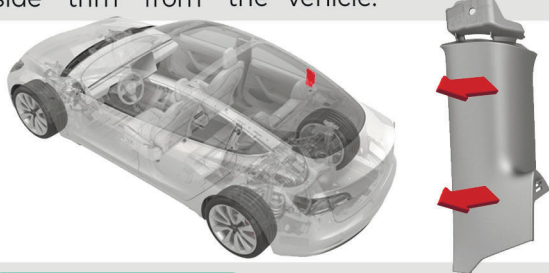
Pull upward on the RH floor bracket. Release the clip and remove RH trunk pocket bracket.



19

Only for Model 3:

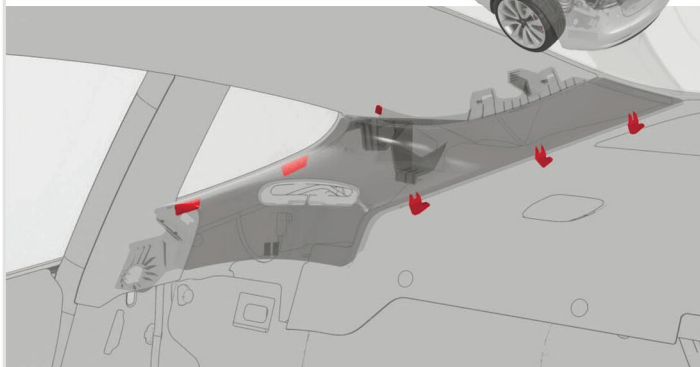
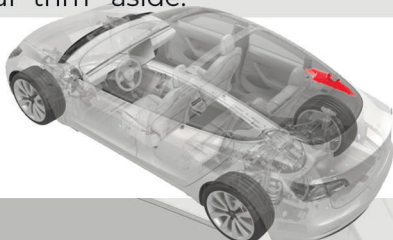
Release the clips and remove the rear side trim from the vehicle.



20

Only for Model 3:

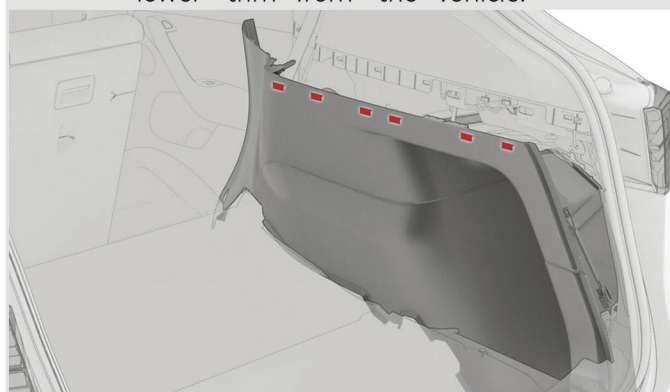
Release the clip and tabs and then set the rear trim aside.



22

Only for Model Y:

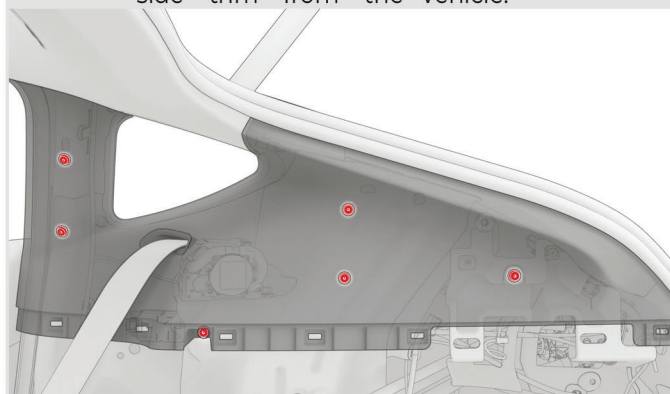
Release the clips and remove the RH lower trim from the vehicle.



23

Only for Model Y:

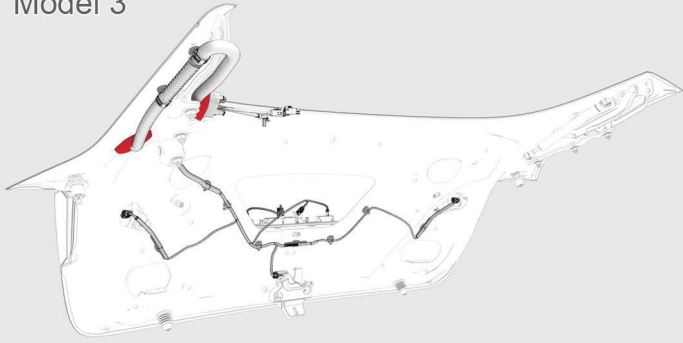
Release the clips and remove RH upper side trim from the vehicle.



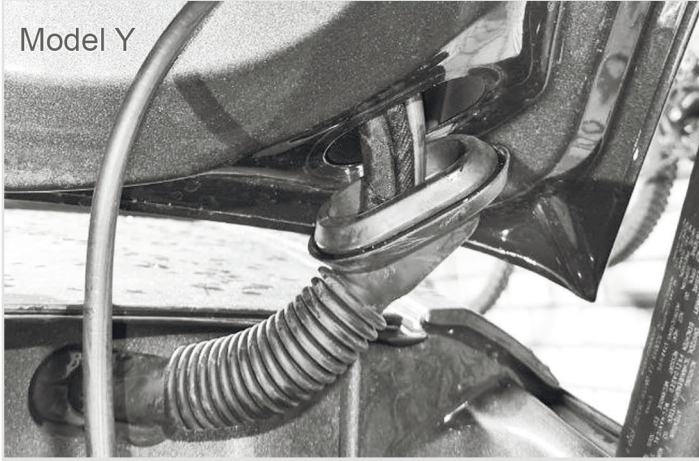


24 Release the electrical harness boot from the lifgate and the body.

Model 3

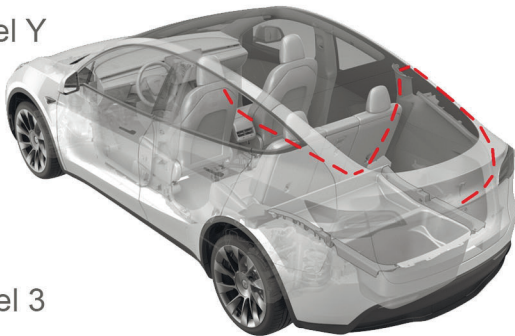


Model Y

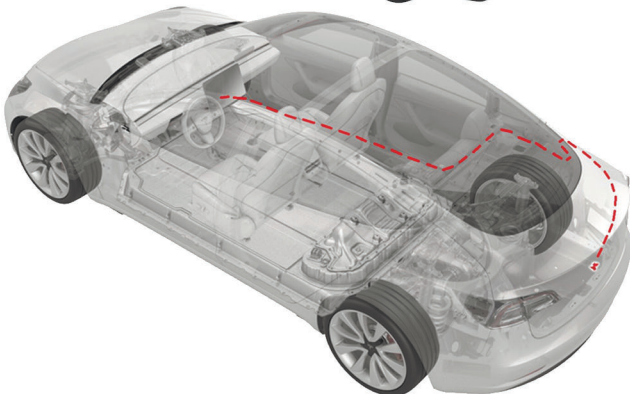


25 Route the hose from rear camera through electrical harness boot (use silicone spray or WD40 for lubrication) to the front passenger footwell. Fix the hose with plastic clamps.

Model Y



Model 3



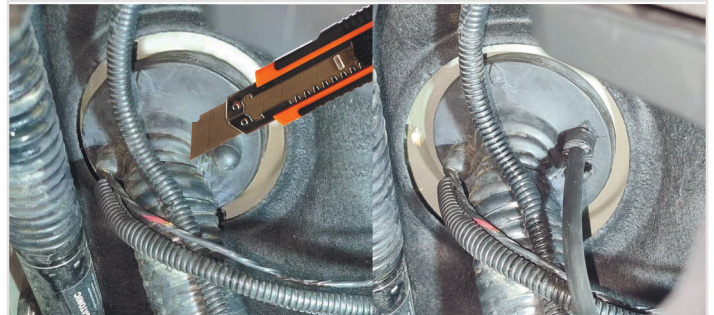
26 **Only for Model 3:** Release the clips (x12) and then remove the rear underhood apron from the vehicle.



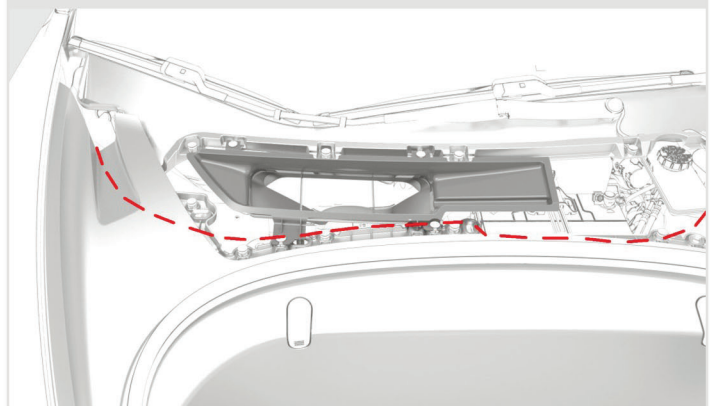
27 **Only for Model Y:** Release the clips (x14) and then remove the rear underhood apron from the vehicle.



28 Cut off the tip and pass the hose through engine compartment seal (use silicone spray or WD40 for lubrication).



29 Route the hose around the air inlet and 12V battery to the glass washer hose. Fix it with plastic clamps.

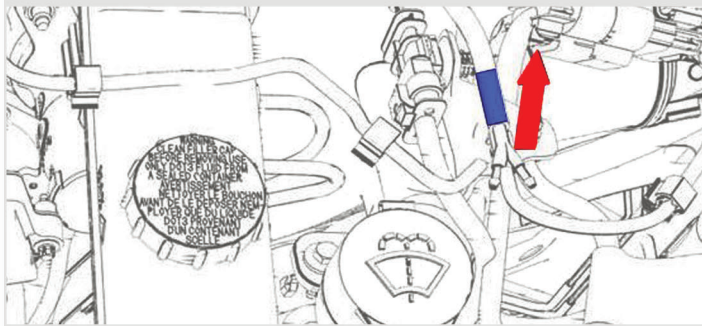




# 30

Only for Model 3:

Pull out the windshield washer tee and disconnect inlet hose from it.



# 31

Only for Model 3:

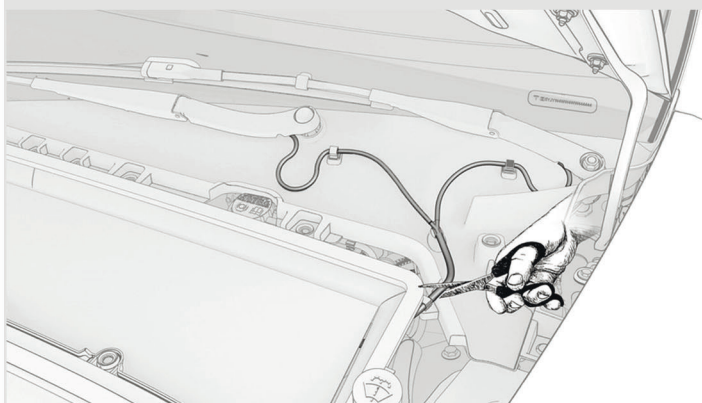
Install the tee from the package between the windshield washer tee and inlet hose and connect it with camera washer hose.



# 32

Only for Model Y:

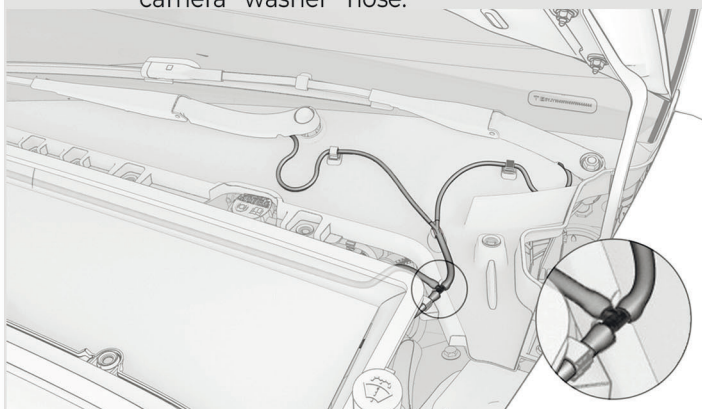
Cut the windshield washer hose.



# 33

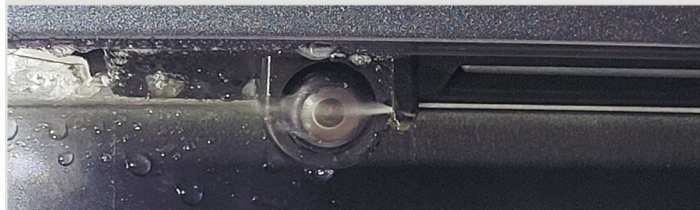
Only for Model Y:

Install the tee and connect it with camera washer hose.



# 34

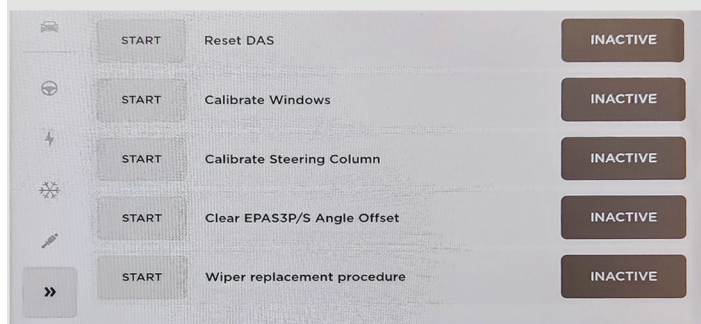
Turn on the front window washer, make sure there is no leak. Assembly is carrying in the reverse sequence (during assembly, be sure that the installed parts do not exceed the liquid supply hose to the camera washer). Adjust the ball position for the best cleaning of the camera.



# 35

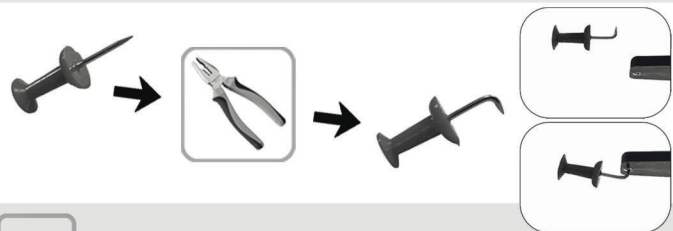
If after connecting the rear view camera connector, no image from it appears on the screen, please perform one of the following:

1. Let the car "sleep". To do this, you need to turn off the SENTRY MODE, close the car and leave it for 20 minutes.
2. Perform the Reset DAS procedure in SERVICE MODE.



# 36

To adjust the nozzle, use the nail button (included) by bending it with pliers as shown in the figure.



List of necessary tool:

- Plastic upholster
- Socket key for 10mm
- Screwdriver PH2
- Thin screwdriver
- Cutters
- Masking tape



Package includes:

- Washer bracket ..... 1 pcs.
- Hose ..... 7,5 m.
- Check valve ..... 1 pcs.
- Tee ..... 1 pcs.
- Plastic clamps ..... 20 pcs.
- Nail button ..... 1 pcs.
- Alcohol wipe ..... 1 pcs.