

# How to Clean your Gen II Prius Battery Blower Assembly-Component of Hybrid Battery Control

**A CLOGGED BLOWER CAN CAUSE PREMATURE FAILURE OF YOUR VERY EXPENSIVE HYBRID BATTERY. THERE IS NO TOYOTA SCHEDULED MAINTENANCE FOR THIS. IF YOU DON'T HAVE AT LEAST ONE OF THE FOLLOWING CONDITIONS YOU PROBABLY DON'T NEED TO PERFORM THIS CLEANING: SMOKER IN CAR; DUSTY DRIVING CONDITIONS; DOG THAT SHEDS IN CAR.**

**Blower Motor Assembly is Located Behind This Panel in Rear of Car  
DECK TRIM SIDE PANEL  
RH**

Tools Needed Phillips Screwdriver

Trim Fastener Removal Tool

Ratchet with Extension & 10mm Socket

Note: If you use Smart Key, make sure Smart Key is deactivated. Button below steering wheel and key is at least 20 feet from vehicle.

**Intake for Blower Motor Assembly is Located At This Intake Panel. Back Seat Passenger Side.**

**There is NO Filter.**

**DO NOT BLOCK INTAKE.**

**HV Battery Can Overheat.**

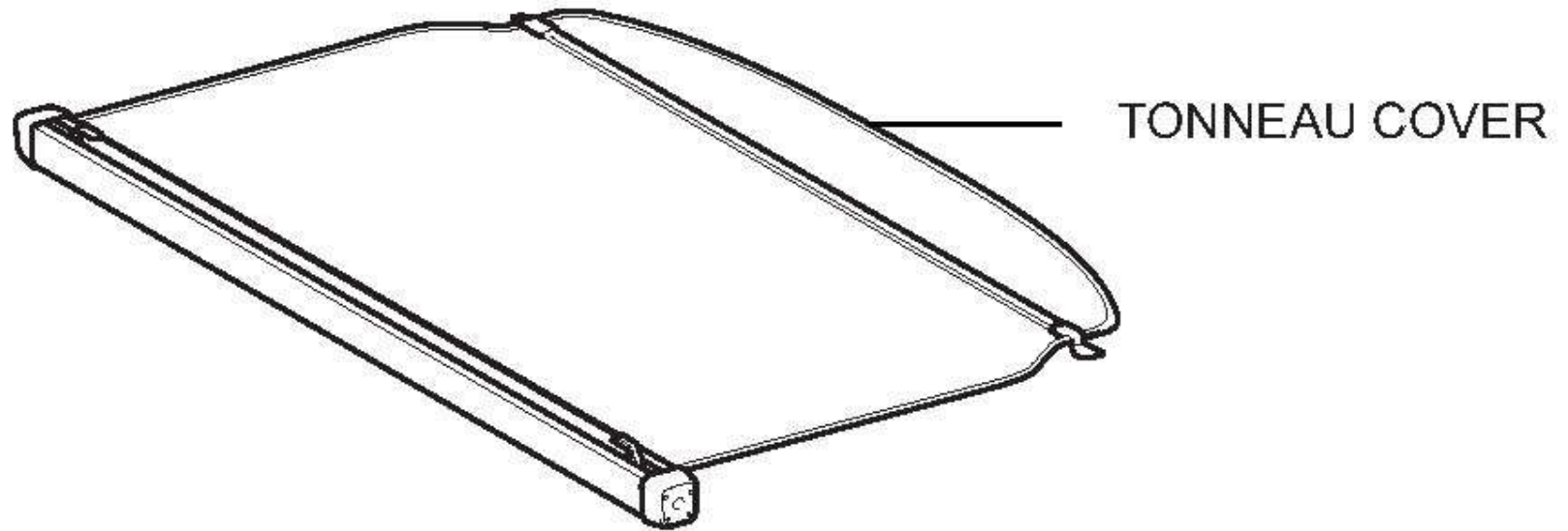
**If you have A/C on a lot, this blower probably doesn't get that much of a workout since it draws air from inside to cool the Battery**

**Compartments, both Hybrid and Auxiliary 12-volt AGM, venting both to exterior of car behind 12-volt auxiliary battery**



# Remove Tonneau Cover If Installed

**Part # 64910J**



# Remove Tonneau Cover



Top of Tonneau is marked  
for Reinstallation.





# Lower Back Seat



# Seat Back Lowered



**Thanks to Luscious Garage for the consult that I didn't need to remove back seat to do this. ONLY NECESSARY WHEN REMOVING HV MAIN BATTERY. DO need to remove the FLOOR BOARDS to avoid damaging TRIM SIDE PANEL when removing.**

**THE ORDER YOU REMOVE FLOOR BOARDS 1, 2, AND 3 REALLY DOESN'T MATTER UNLESS DISCONNECTING BLOWER MOTOR. IF YOU ARE GOING TO DISCONNECT AND REMOVE THE BLOWER FOR CLEANING AND/OR REREPLACEMENT *DISCONNECT NEGATIVE BATTERY TERMINAL UNDER #3 FIRST.***

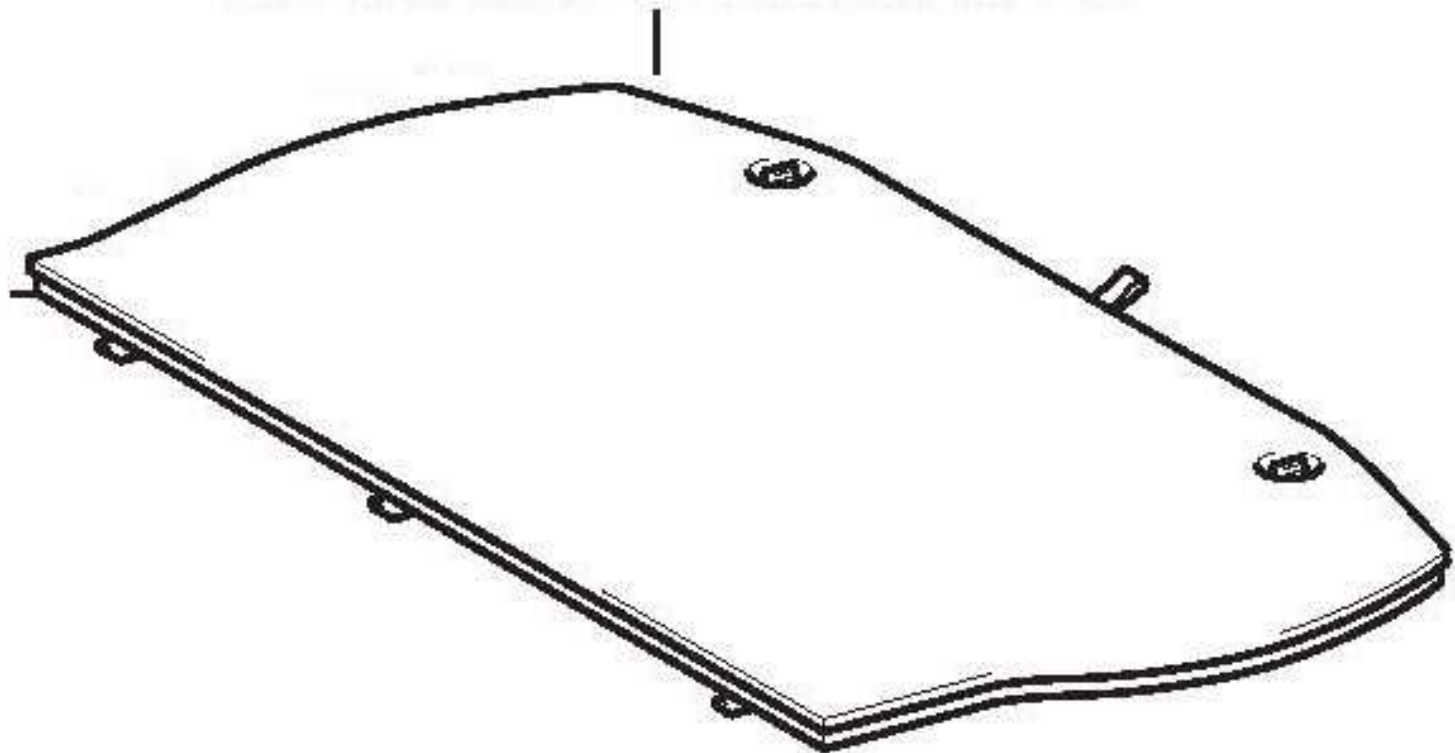
# Remove Luggage Belts and Cargo Mat



# Remove REAR NO. 2 FLOORBOARD

**Part Number 58416K- Part Varies with Interior Color**

REAR NO. 2 FLOOR BOARD





# Step 3 – Remove REAR NO. 2 FLOORBOARD



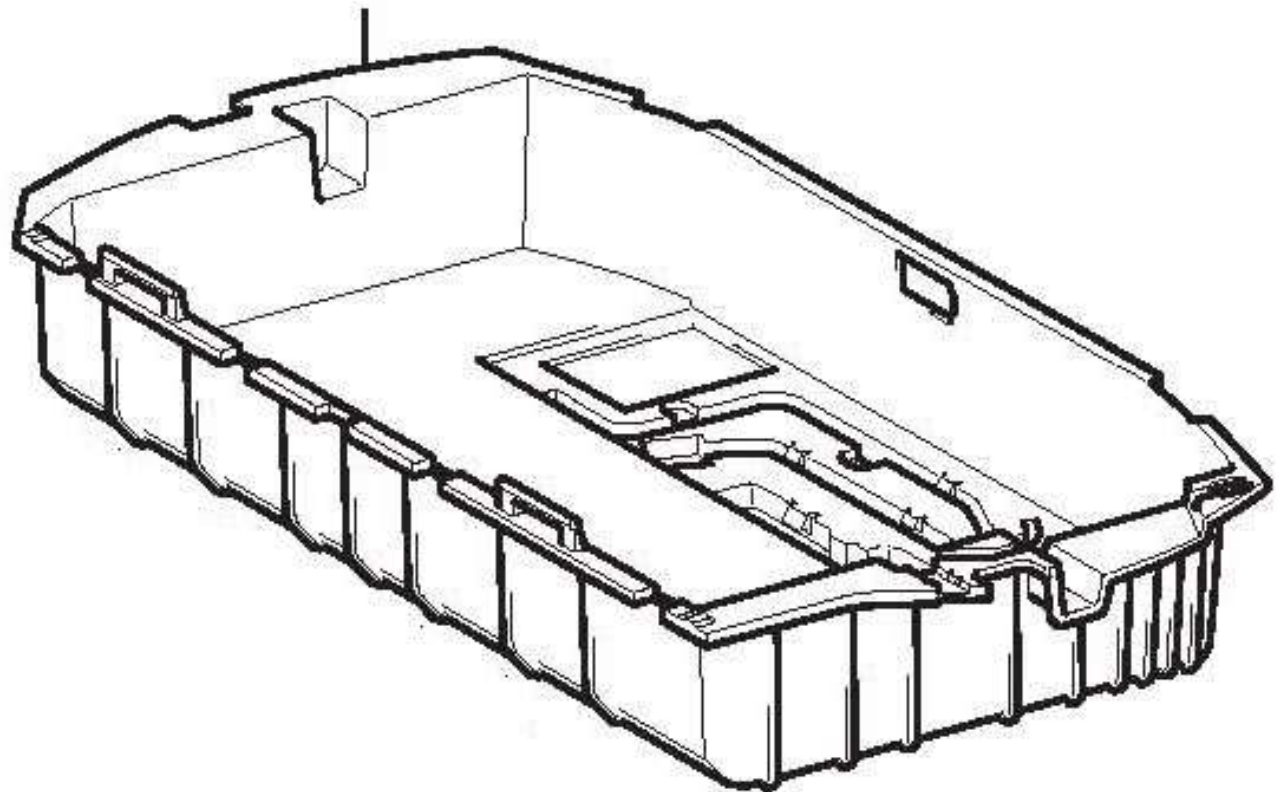
Vertical is Locked  
Horizontal is Unlocked



# Step 3 – Lift Out REAR DECK FLOOR BOX

REAR DECK FLOOR BOX

**Part Number 64993**



# Lift Out REAR DECK FLOOR BOX

- Hand grip on each side,
- Tilt to get out of tailgate.



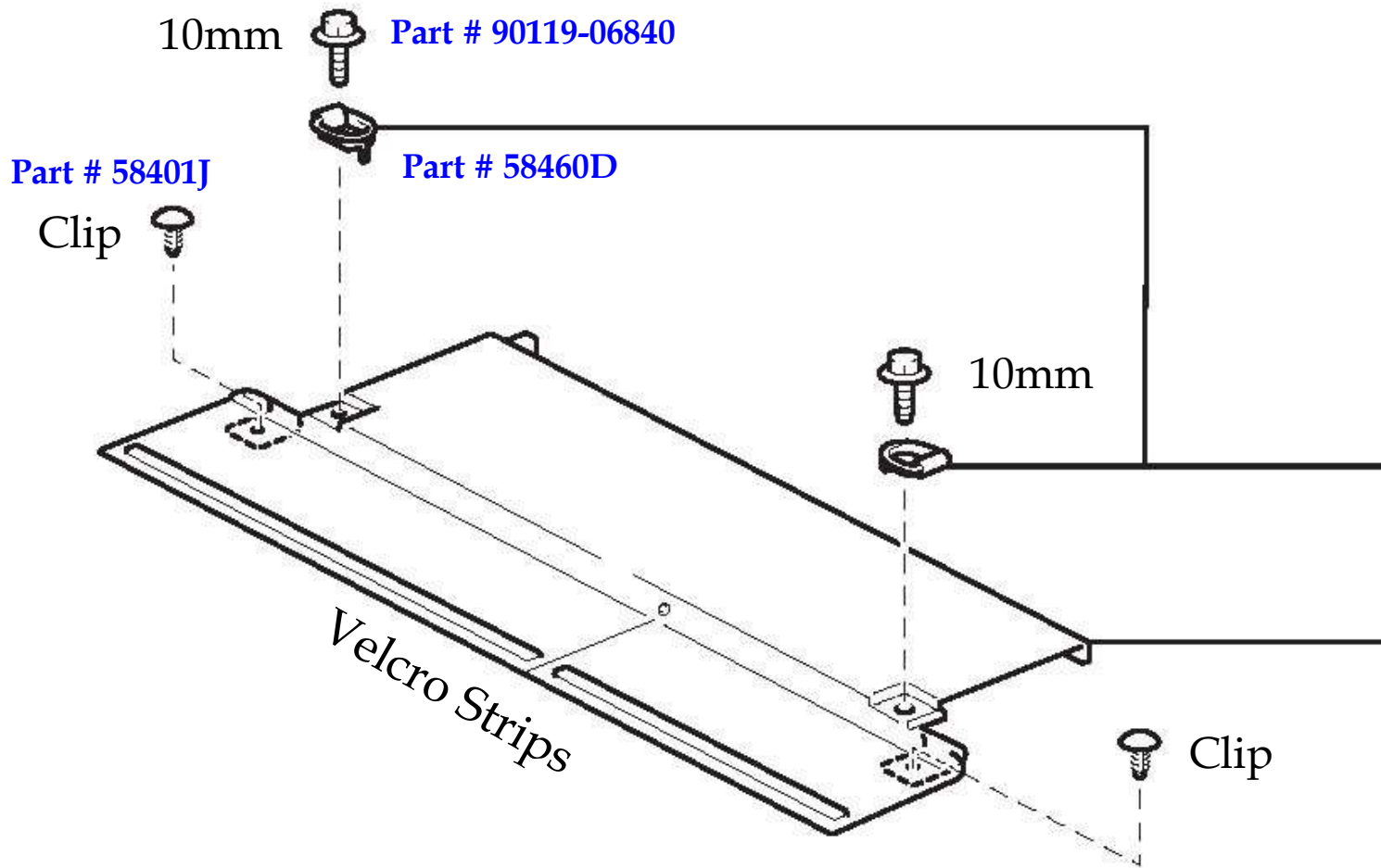
Note the used HID lamps in case Toyota ever decides to reimburse us. Replaced at 65,000 and 123,000 miles.

# Remove REAR NO. 1 FLOOR BOARD





# Remove REAR NO. 1 FLOOR BOARD



# Remove REAR NO. 1 FLOOR BOARD



# Remove LUGGAGE HOLD BELT STRIKER-Left Side-10mm



# Remove LUGGAGE HOLD BELT STRIKER-Right Side-10mm





Lift Velcro Connecting Flap to Seat  
Back and Remove CLIP-Left Side



Lift Velcro Connecting Flap To Seat  
Back and Remove CLIP-Left Side



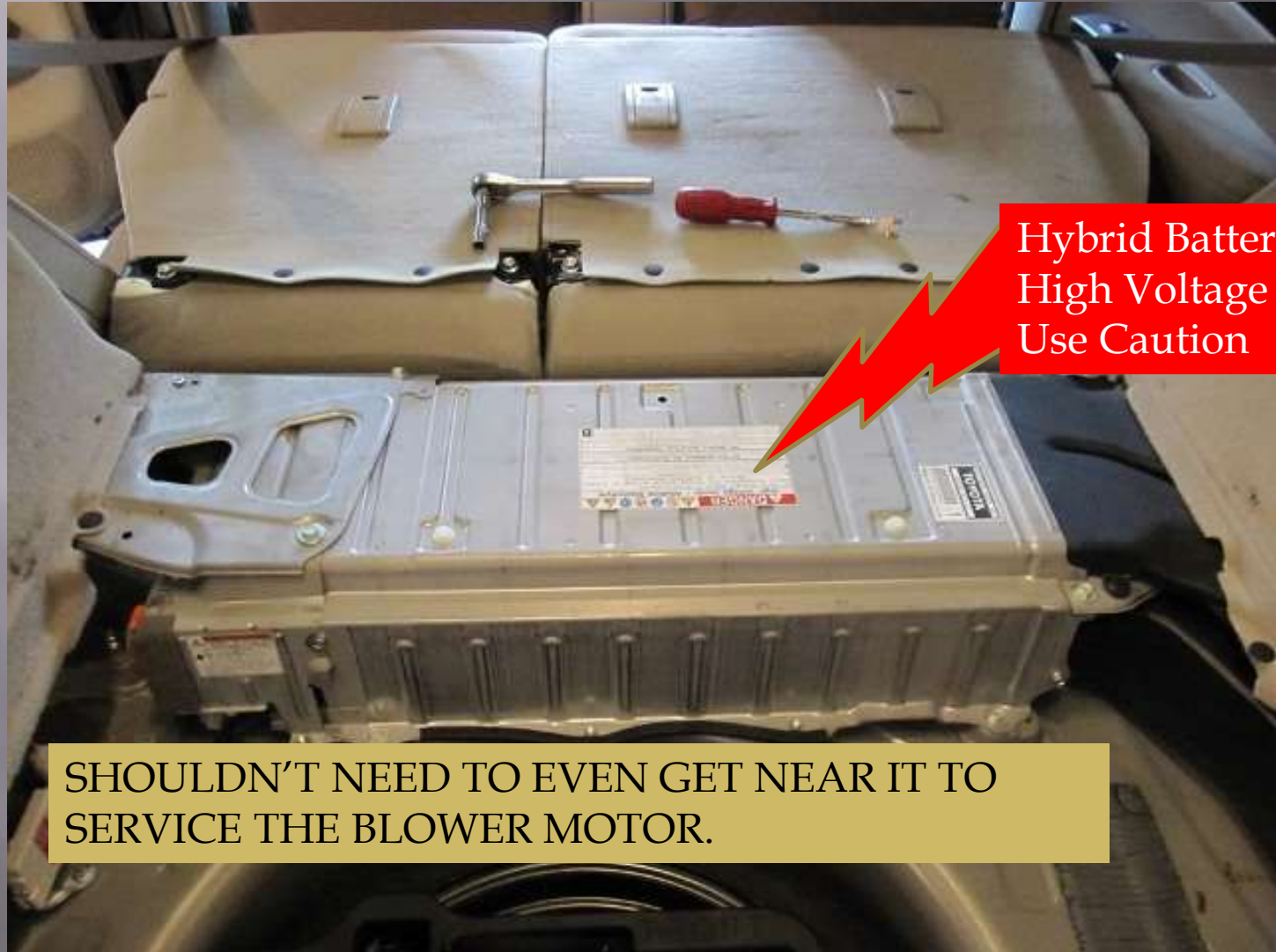
# REAR NO. 1 FLOOR BOARD Removed



Hybrid Battery  
High Voltage  
Use Caution



# REAR NO. 1 & 2 FLOOR BOARD Removed



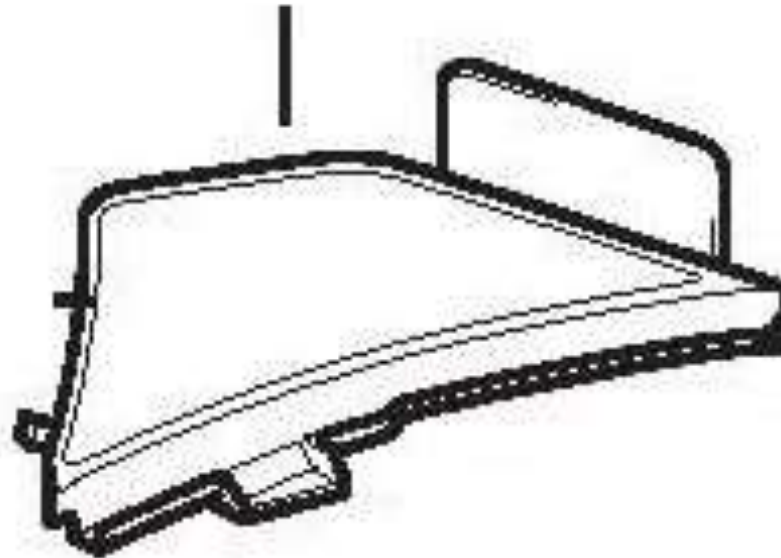
Hybrid Battery  
High Voltage  
Use Caution

SHOULDN'T NEED TO EVEN GET NEAR IT TO  
SERVICE THE BLOWER MOTOR.



Remove Rear No. 3 Floorboard  
covering 12-volt battery

## REAR NO. 3 FLOOR BOARD



Part Number 54817-Part May Vary with Interior Color

# Rear No. 3 Floor Board Located above 12-volt battery

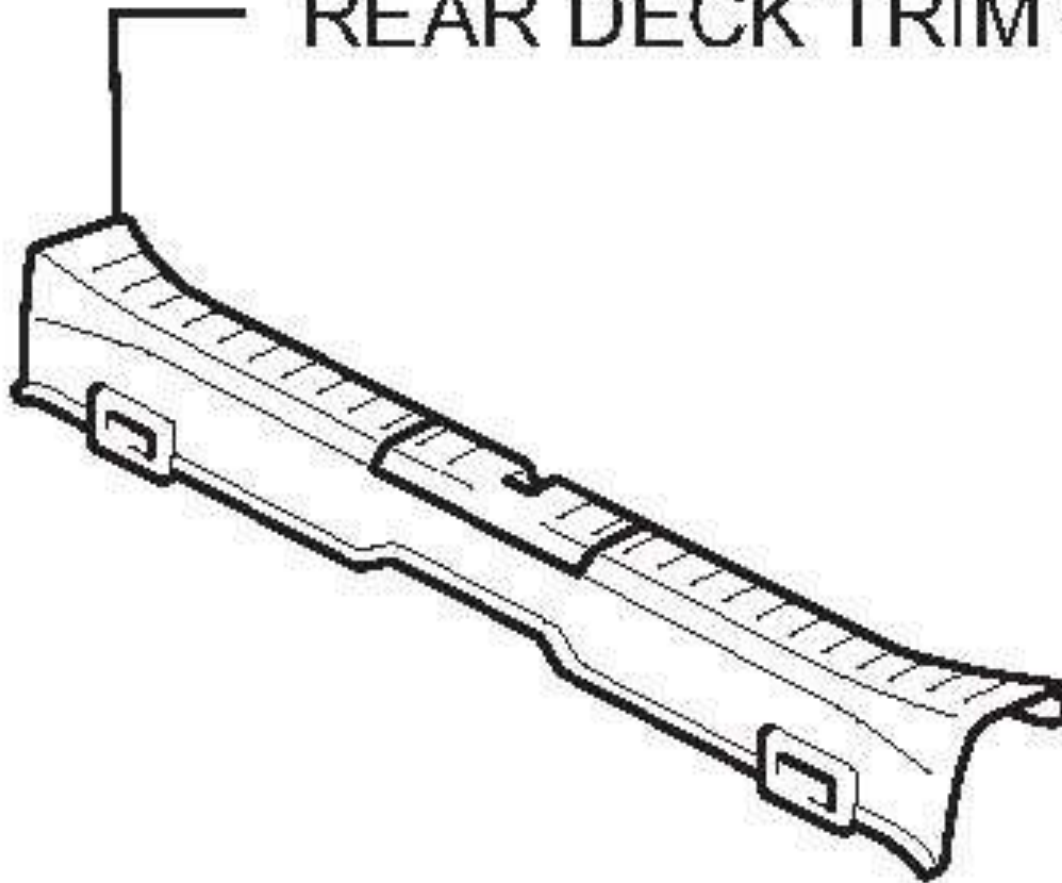
Pull out on Tab on panel, then lift Floor board out



# Remove REAR DECK TRIM COVER

Part Number 64716D-Part Varies with Interior Color

REAR DECK TRIM COVER



# REAR DECK TRIM COVER

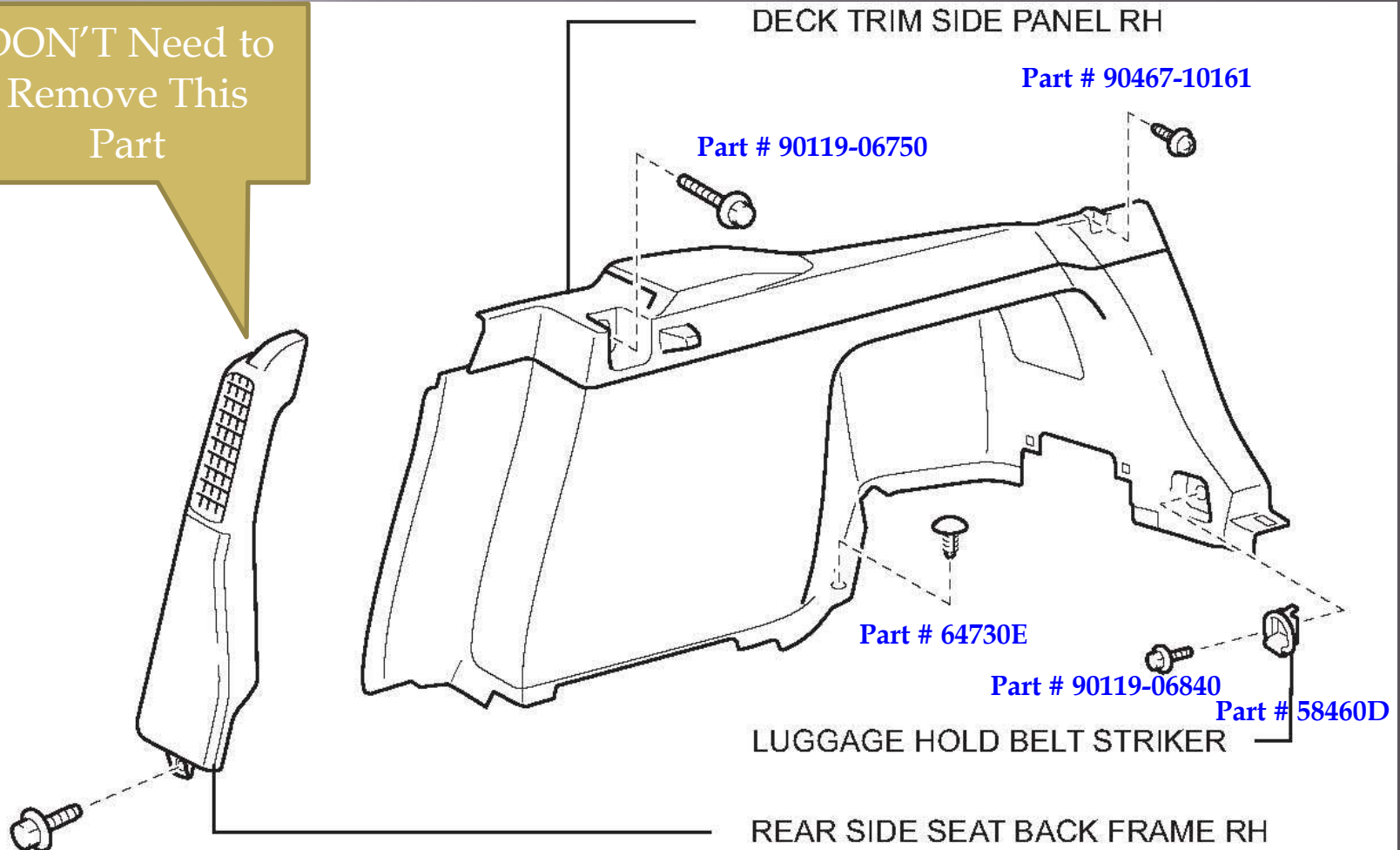
Snaps In/Out –  
Grip under inner surface and pull outward





# Remove DECK TRIM SIDE PANEL RH

DON'T Need to  
Remove This  
Part



# DECK TRIM SIDE PANEL RH

## Removal - 4 Fasteners



Remove Screw with 10mm  
Socket or Phillips  
Screwdriver

Remove Long Bolt with  
10mm Socket

Remove Rear Clip with  
Trim Removal Tool

Remove Luggage Hold Belt  
Striker with 10mm Socket

# Screw at Top Rear of DECK TRIM SIDE PANEL RH



Remove Bolt Screw with  
Phillips Screwdriver or  
10mm Socket

# Bolt at Top Front of DECK TRIM SIDE PANEL RH



Remove Bolt Screw with  
10mm Socket



# DECK TRIM SIDE PANEL RH

## Bolt and Screw



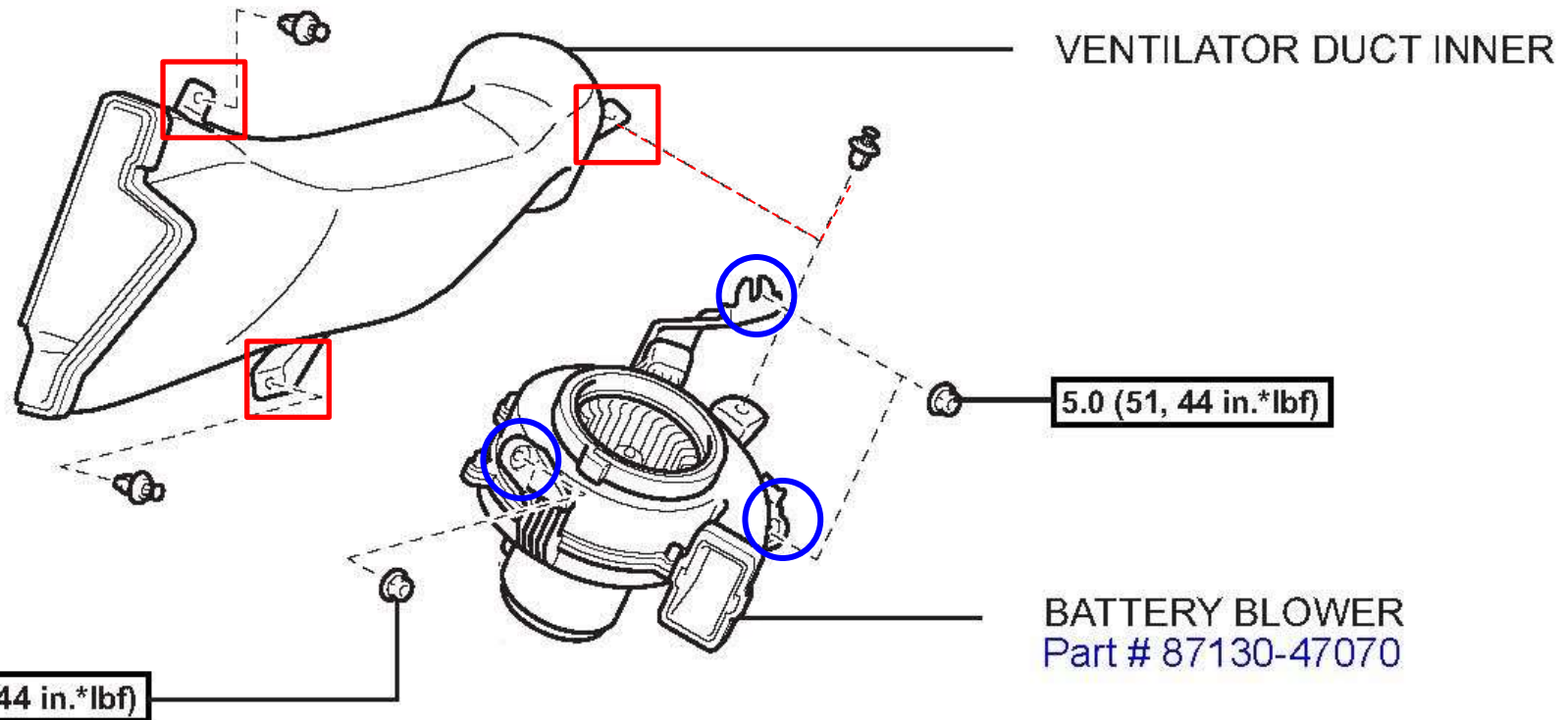
# Luggage Hold Belt Striker at Bottom Rear of DECK TRIM SIDE PANEL RH

Disconnect Negative Battery  
Terminal Before  
Disconnecting and/or  
removing Blower Motor



Remove Bolt Screw with  
10mm Socket

# Drawing Of Ventilator Duct (3 Clips) and Battery Blower (3 nuts)



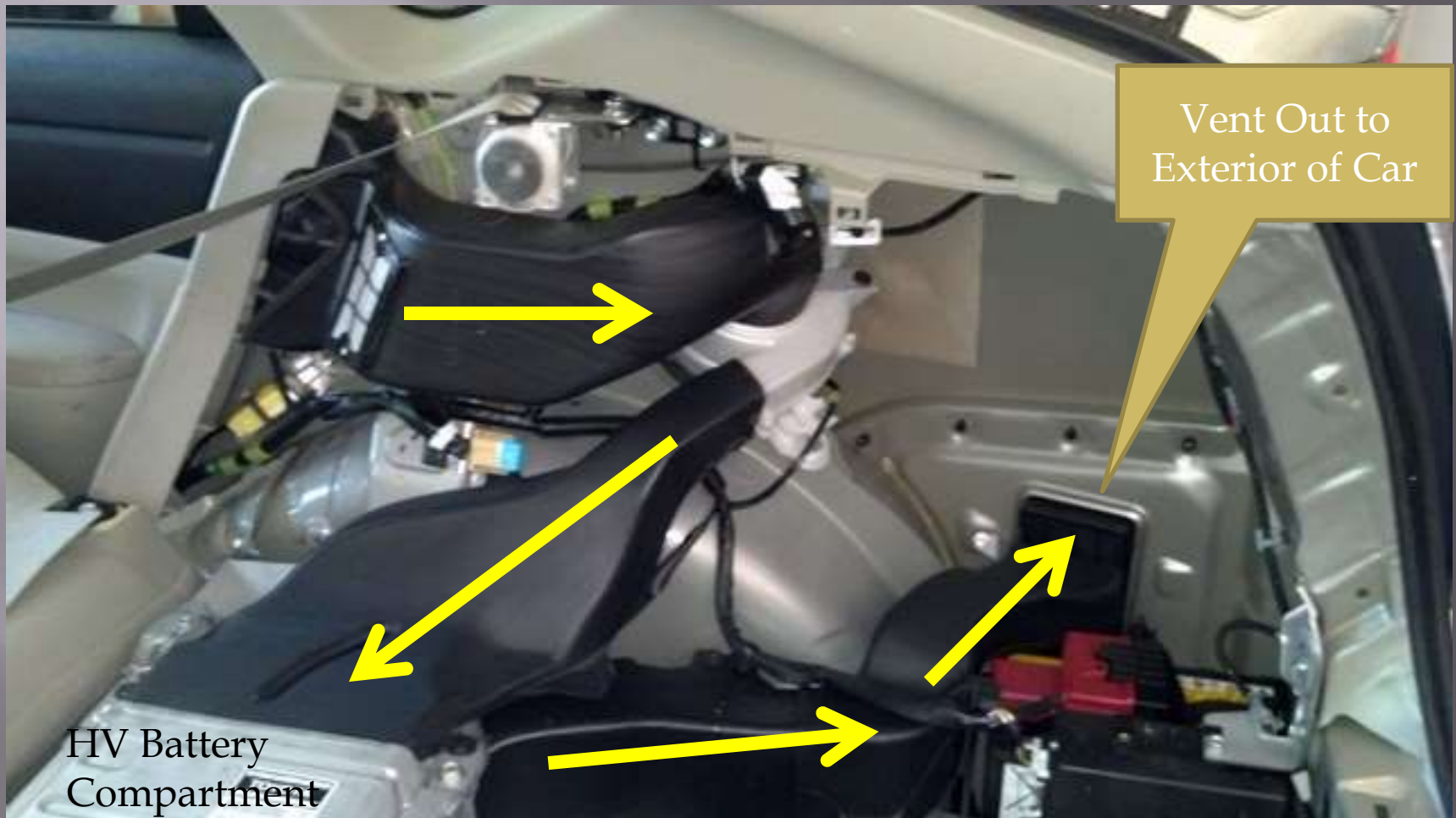
There are 3 Clips Holding Duct in Place Outlined in Red.

Pull up head of clip before reinserting

**Note: Torque is 44 inch pounds, about 4-foot pounds for Battery Blower Nuts if it is removed or replaced. Do not overtighten.**



# View Of Exposed Ducts & Battery Blower



Air Flow Direction →



Remove the 3 clips and then carefully clear bottom tab of ventilator duct from behind wire harness. Lift duct off blower motor.



# Clips that Secure Ventilator Duct Inner

**Part # 90467-07117**



No obstruction for this clip  
attaching duct to blower





This end of VENTILATOR DUCT  
INNER slides out of the REAR SIDE  
SEAT BACK FRAME RH

Clip

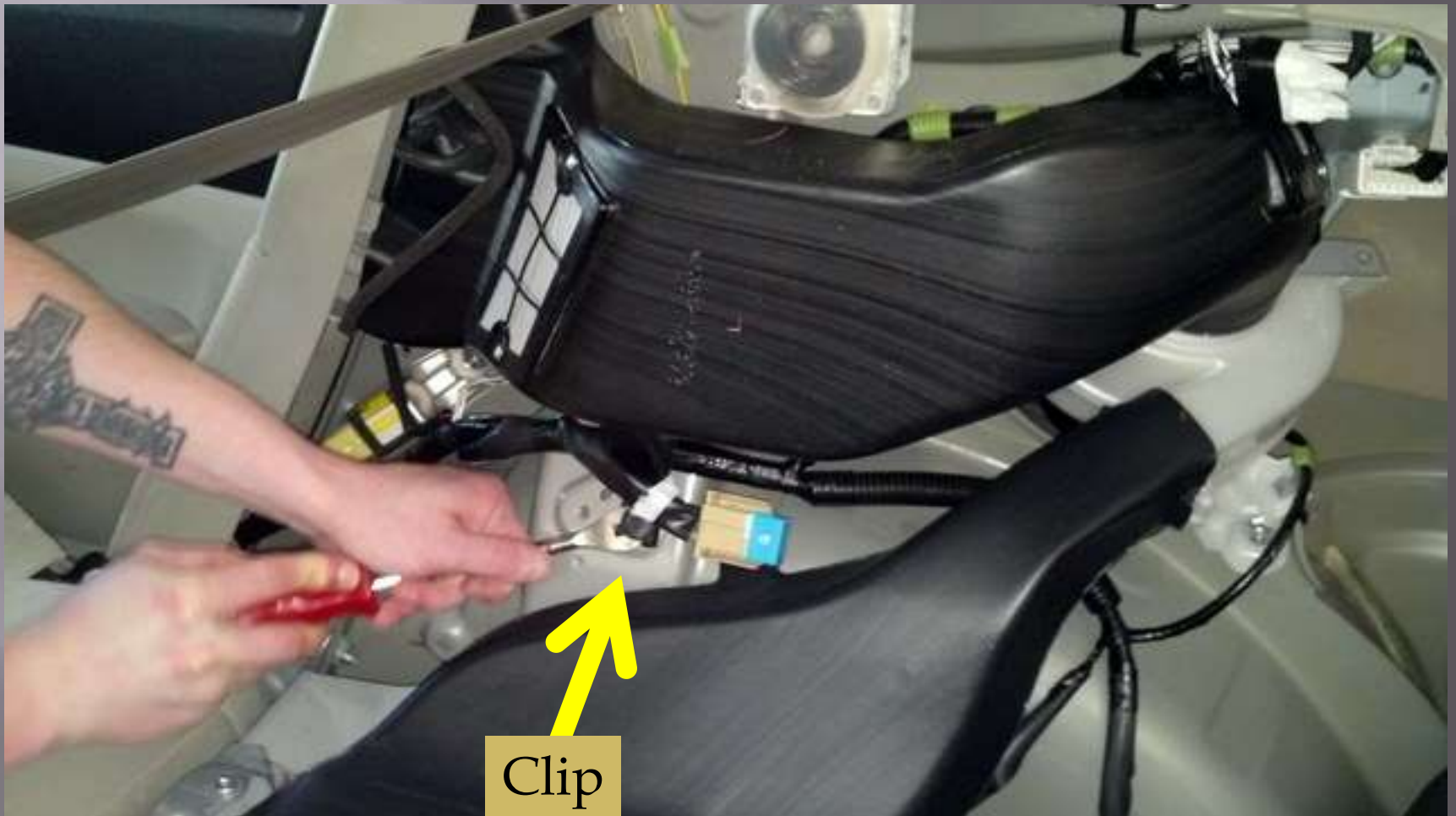


There is a filter near the  
front of the duct inside  
the panel, but it's not at  
the intake.





This Clip is under a Wire  
Harness.



# Blower with Duct Moved Aside



There is a filter near the back of the duct also inside the panel.

# Very Clean for 125,000 Miles NO NEED to Remove Blower Motor to Clean



If only MINOR Cleaning is necessary, Q-tips or a small brush work. Use a vacuum to supply constant suction in the area you're cleaning so dust/hair don't go into the battery compartment, but not so much it spins the motor. If really clogged, probably should remove Blower Motor to clean and clean ducts as well.



After MINOR Cleaning and  
Reassembly Total Time-45 Minutes  
Second Disassembly for More Pictures  
Doesn't Count.





# Panel Back in Place

