

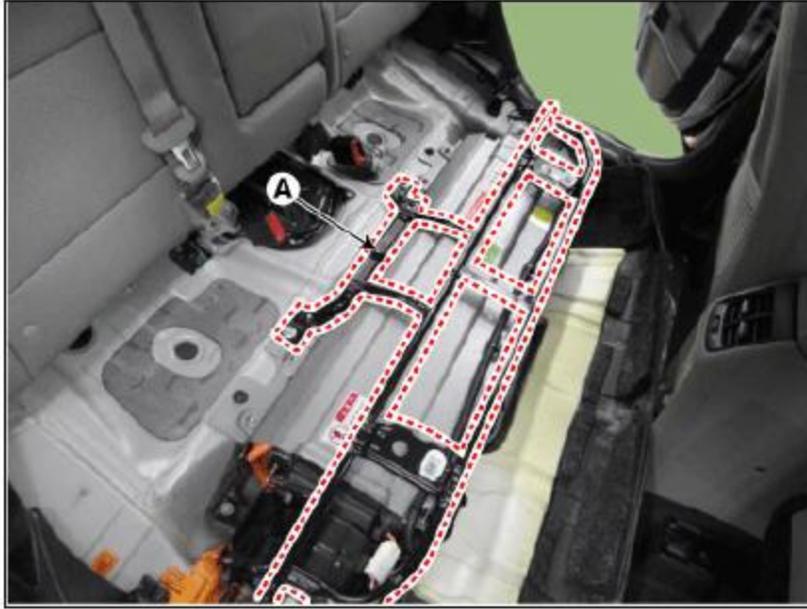
2017-2019 Kia Niro and 2017-2019 Hyundai Ioniq

Main Battery Pack Assembly

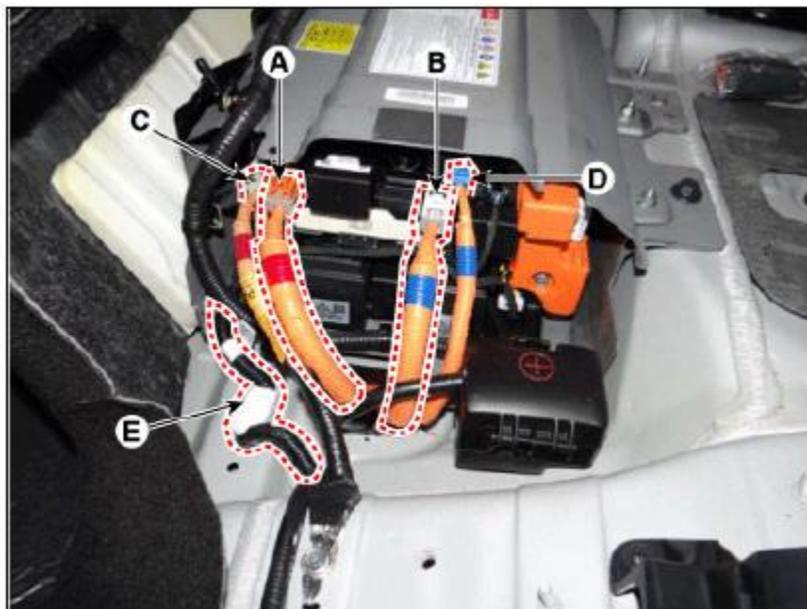
1. Shut off the high voltage circuit.
(Refer to Hybrid Control System - "High Voltage Shut-off Procedures")
2. Remove the rear seat cushion.
(Refer to Body - "Rear Seat Assembly")
3. Remove the rear door scuff trim.
(Refer to Body - "Door Scuff Trim")
4. Remove the inlet cooling duct.
(Refer to High Voltage Battery Cooling System - "Cooling Duct")
5. Open the high voltage battery cushion (A) in the direction of an arrow.



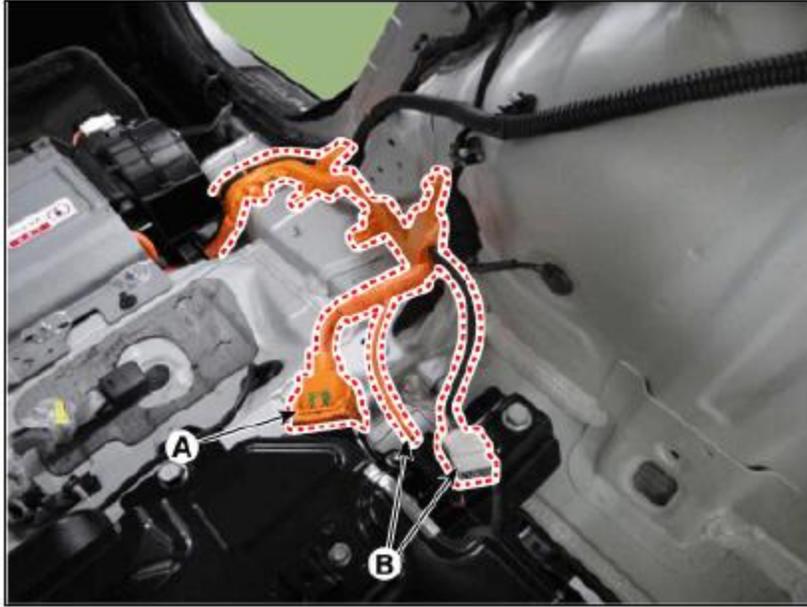
6. Remove the upper frame (A) after loosening the mounting bolts and nuts.



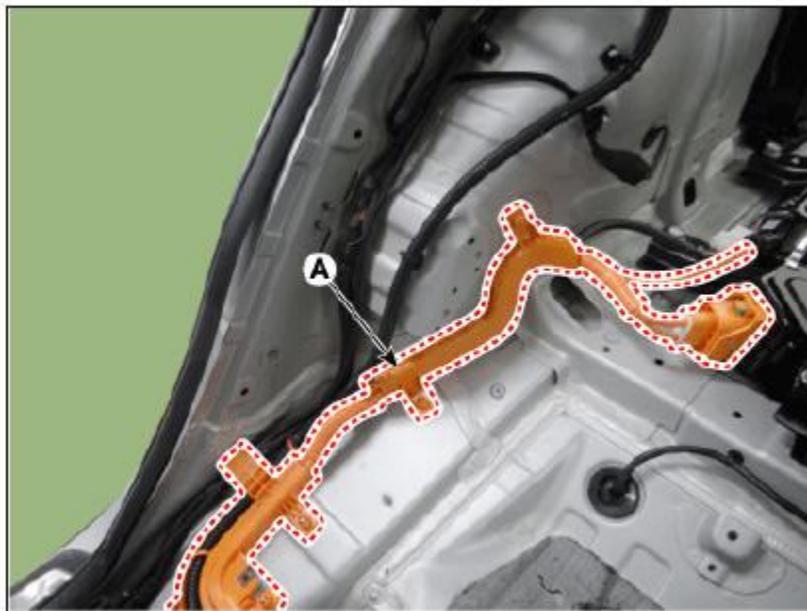
7. Remove the outlet cooling duct.
(Refer to High Voltage Battery Cooling System - "Cooling Duct")
8. Remove the cooling fan #1.
(Refer to High Voltage Battery Cooling System - "Cooling Fan")
9. Disconnect the inverter power connector (+) (A), inverter power connector (-) (B), OBC power connector (+) (C), OBC power connector (-) (D), BMS extension connector (E).



10. Remove the luggage side trim (RH).
(Refer to Body - "Luggage Side Trim")
11. Disconnect the high voltage cable connector (A) and BMS wiring harness connector (B) connected the sub high voltage battery.



12. Remove the high voltage cable (A) after loosening the mounting nuts.



13. Remove the main high voltage battery assembly (A) after loosening the mounting bolts.

