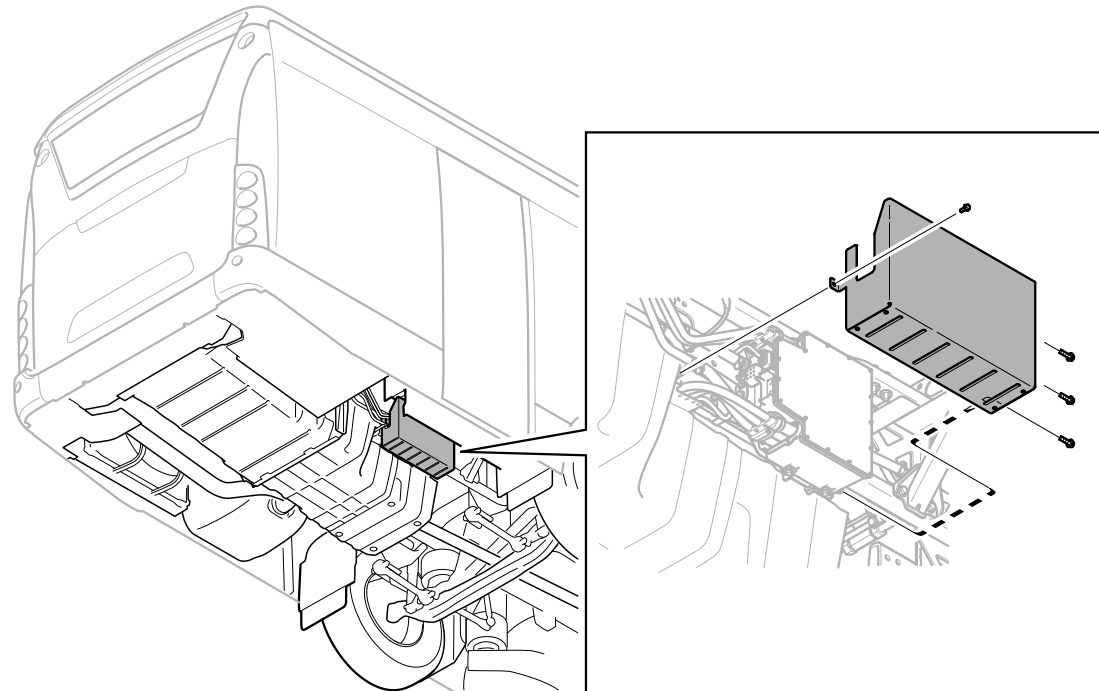


Removal

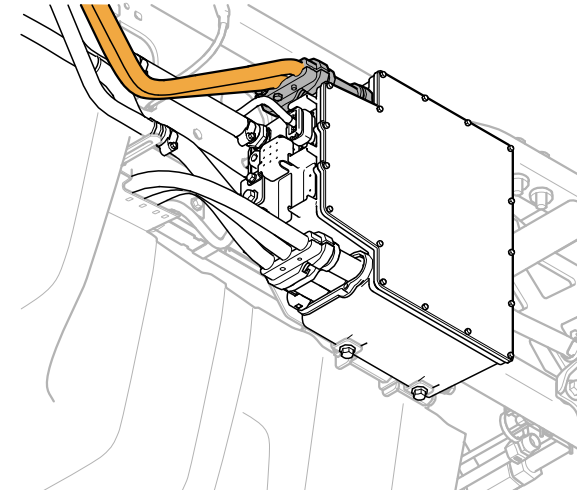
1. Perform the steps in Before all workshop operations; see Procedures for all workshop operations on hybrid vehicles.
2. Wait 15 minutes before disconnecting any connectors from the inverter to prevent damage to the system.
3. Empty the air suspension.
4. Drain the inverter cooling system according to the method.
5. Raise the vehicle with wheel lifts.
6. Remove the inverter protective casing.



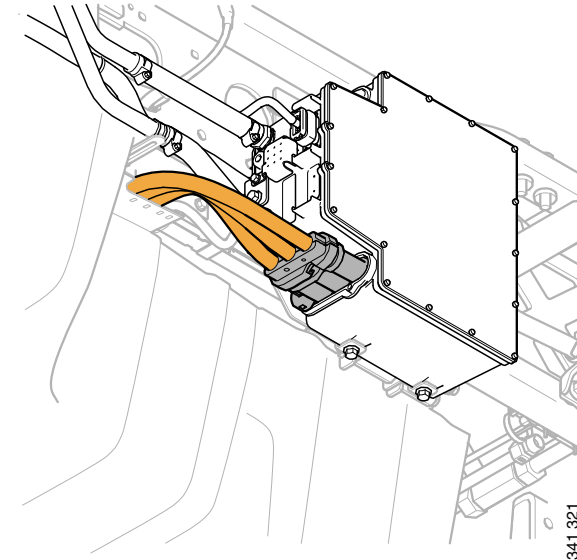
341 319

MGU inverter, hybrid vehicle

7. Disconnect the battery cable harness.



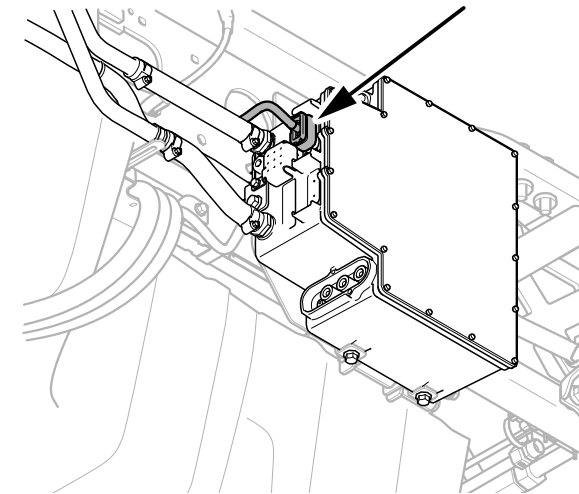
8. Disconnect the electric machine cable harness.



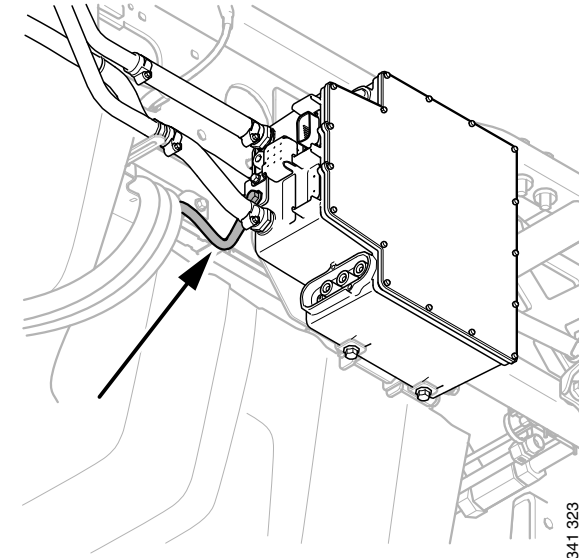
341 321

MGU inverter, hybrid vehicle

9. Disconnect the inverter cable harness.



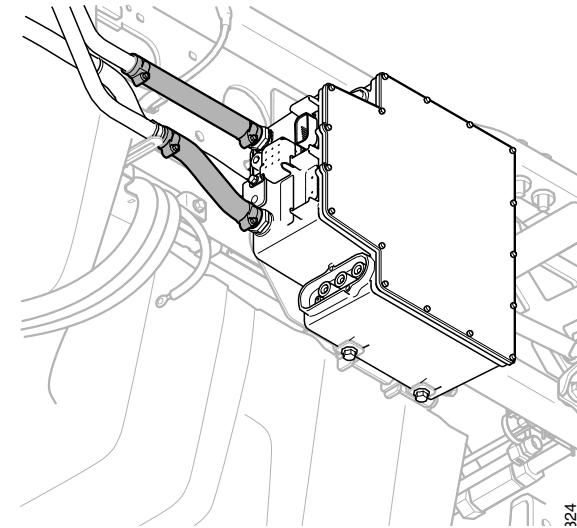
10. Detach the ground connection.



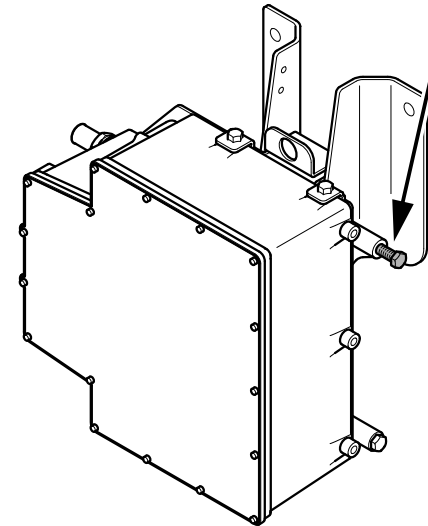
341 323

MGU inverter, hybrid vehicle

11. Detach the coolant hoses.



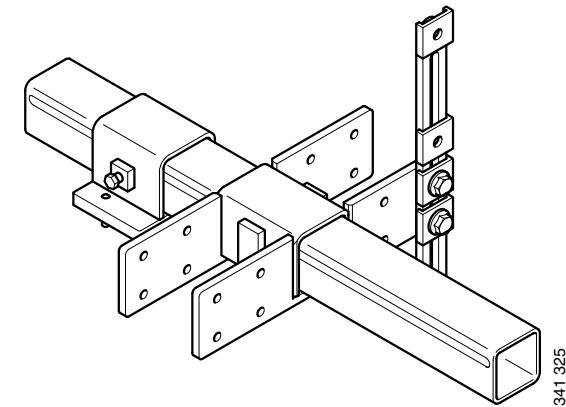
12. Slacken off the upper screw without removing it.



MGU inverter, hybrid vehicle

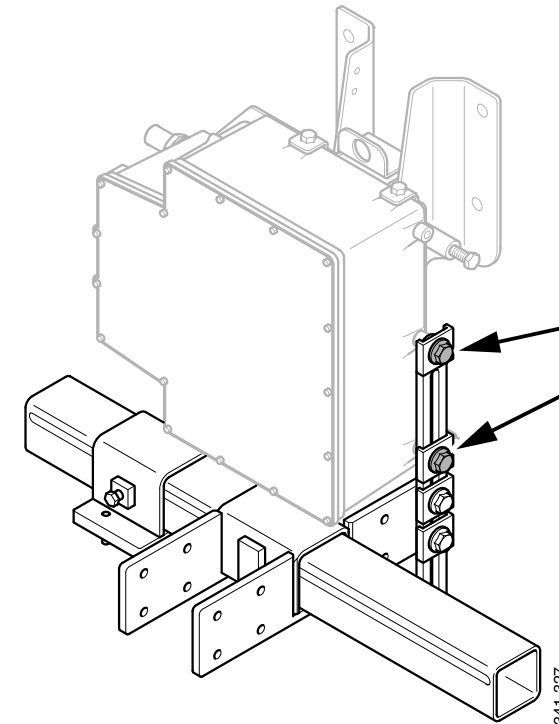
Removal

13. Assemble the lifting accessory as illustrated.



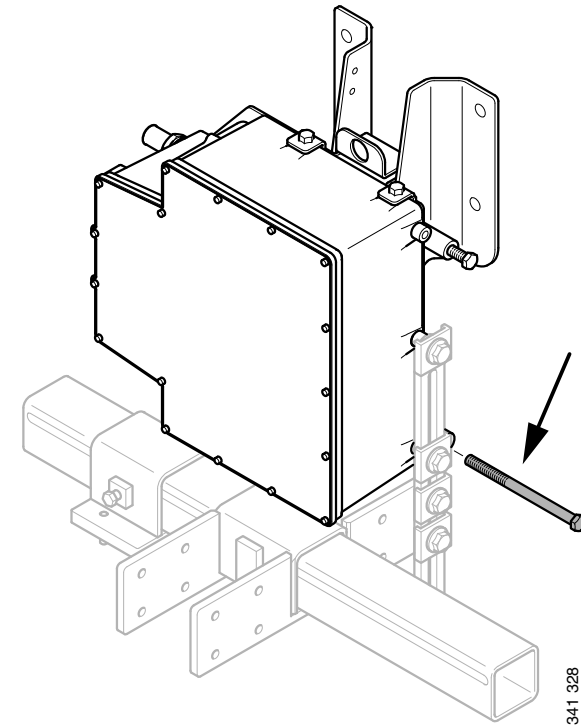
MGU inverter, hybrid vehicle

14. Position the gearbox lift under the inverter and screw the lifting accessory into place using the protective casing screws.



MGU inverter, hybrid vehicle

15. Remove the lower screw.



MGU inverter, hybrid vehicle

16. Lift the inverter slightly and unhook it. Lower the inverter and remove it.
17. If the inverter is to be renewed transfer the bracket and unions to the new inverter.

