

*IBM Power System AC922 (8335-GTG or
8335-GTH) Quick Install Guide*



This 2021-12-02 edition applies to IBM® Power Systems servers that contain the POWER9™ processor and to all associated models.

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IBM Power[®] System AC922 (8335-GTG or 8335-GTH) Quick Install Guide

Read all precautions and instructions before you start working on the system and its parts.

Use normal electrostatic discharge (ESD) procedures when working on the system and parts. IBM recommends wearing gloves and an ESD wrist strap to avoid possible damage to the equipment.

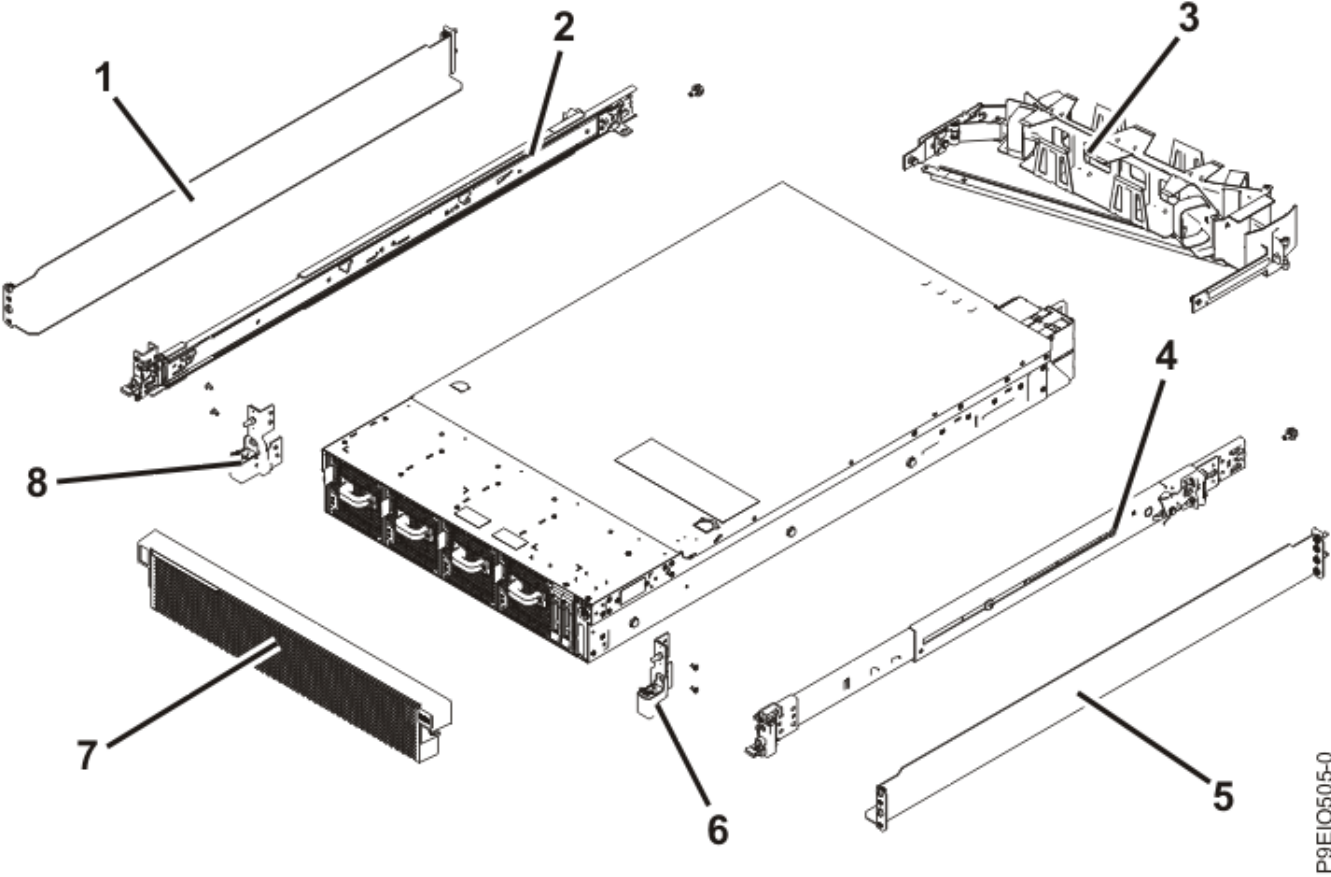
The information about the 8335-GTG system is available online in the IBM Knowledge Center.

8335-GTG: <http://www.ibm.com/support/knowledgecenter/8335-GTG>

8335-GTH: <http://www.ibm.com/support/knowledgecenter/8335-GTH>

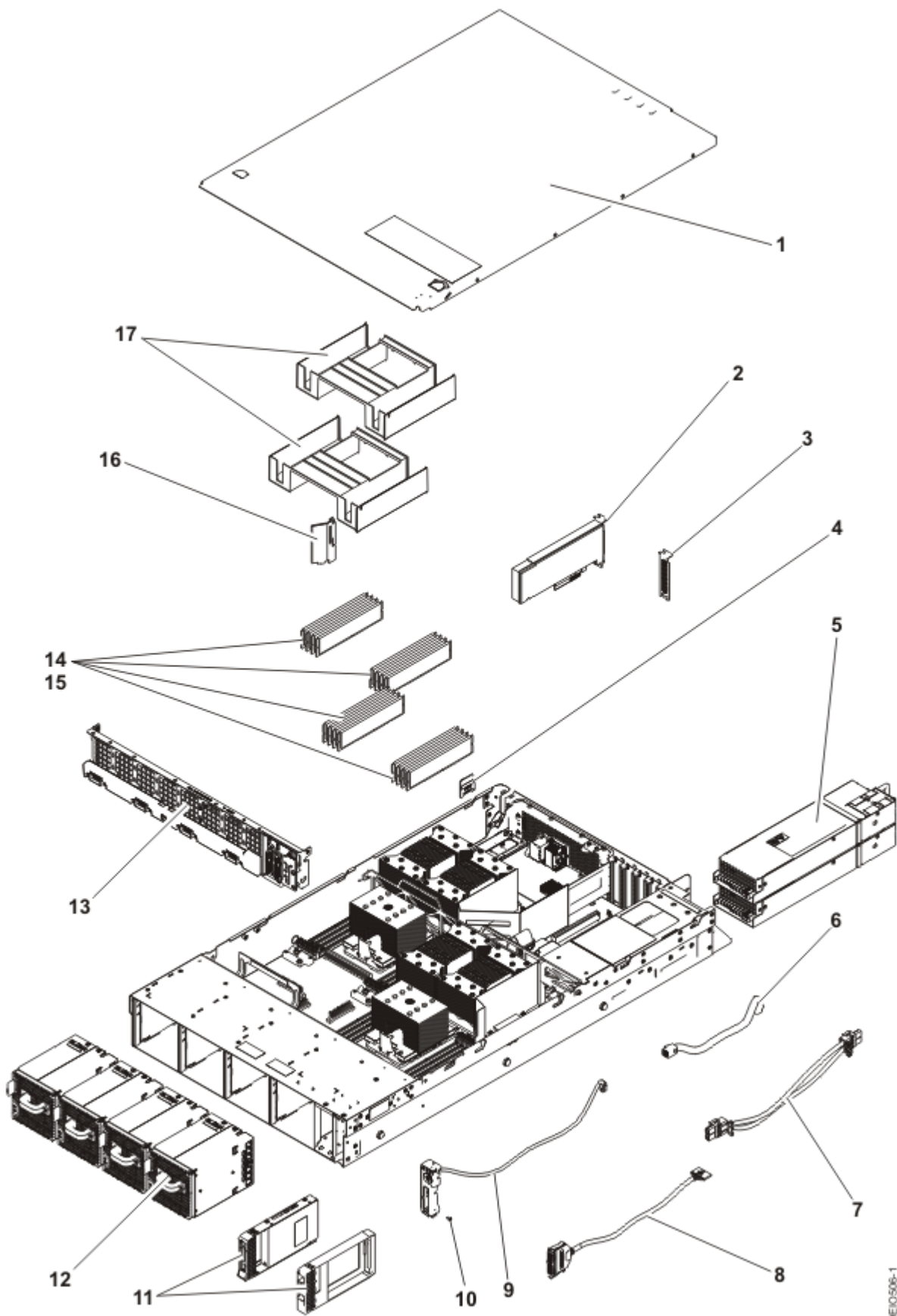
Parts

Use this information to find the field-replaceable unit (FRU) part numbers.



P9EIO505-0

Figure 1. Rack final assembly



P9E10506-1

Figure 2. System parts

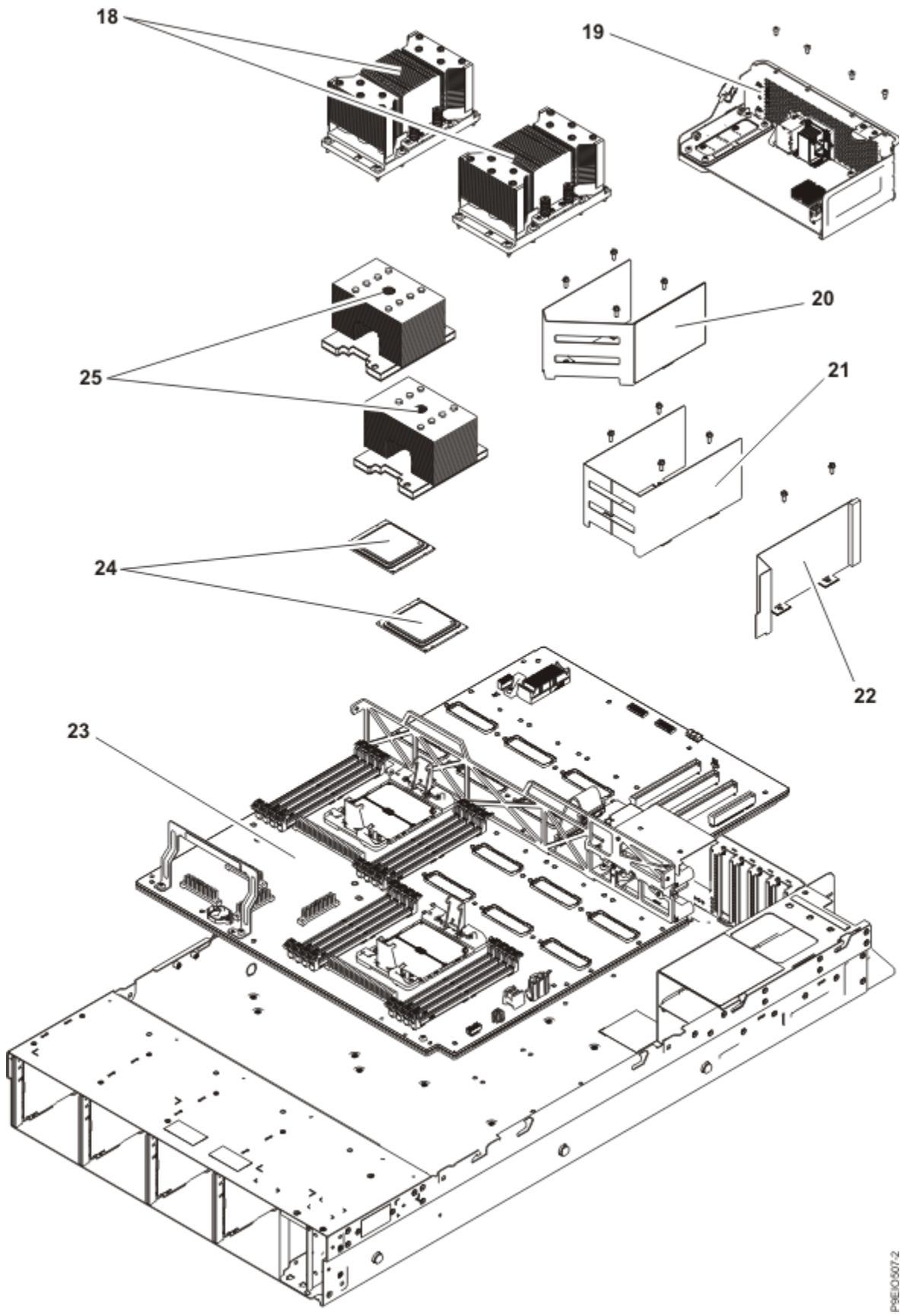
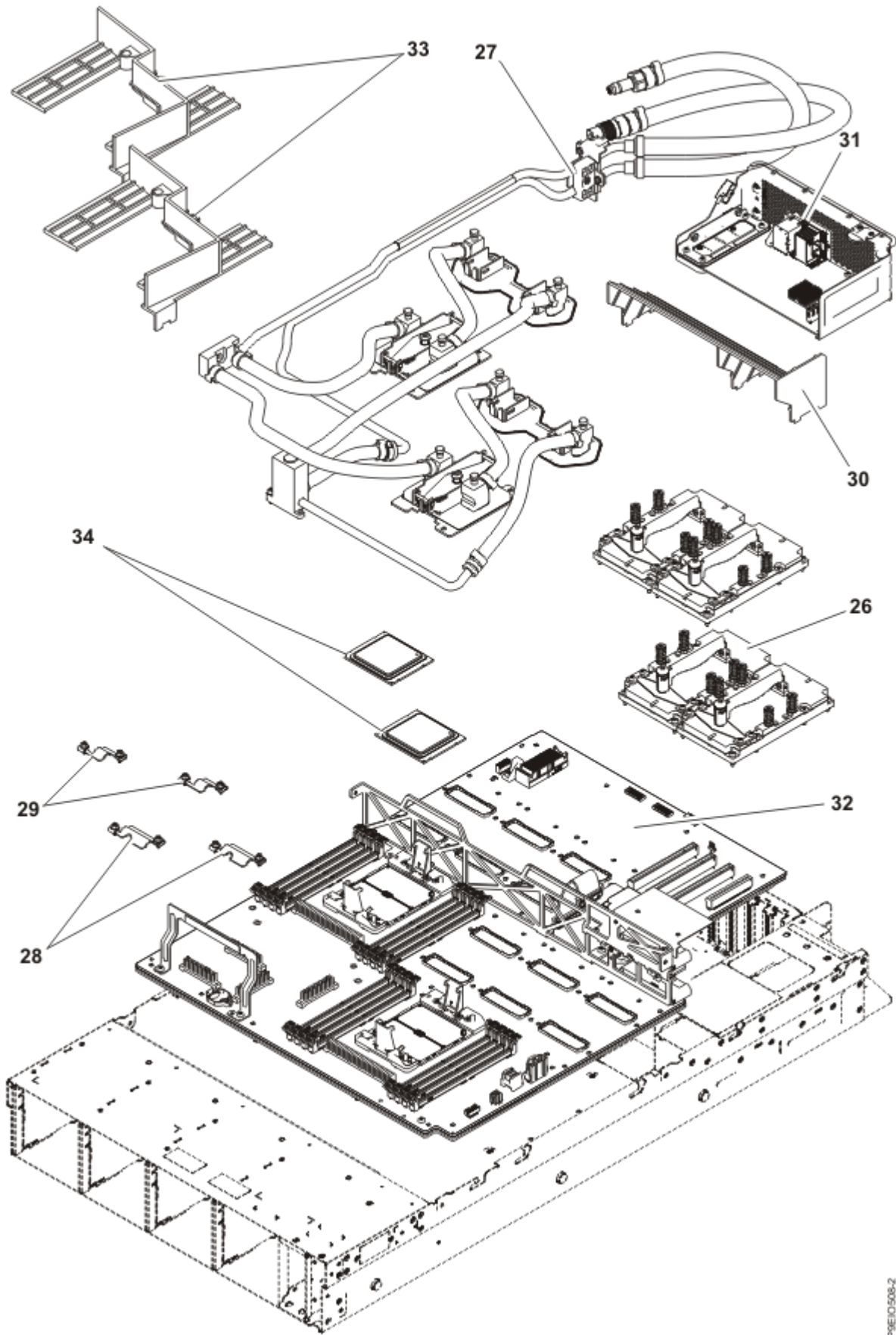


Figure 3. Additional system parts (8335-GTC, 8335-GTG, or 8335-GTH air-cooled system)

PSE/IO/007/2



PREIO508-2

Figure 4. Additional system parts (8335-GTW or 8335-GTX water-cooled system with 4 GPUs)

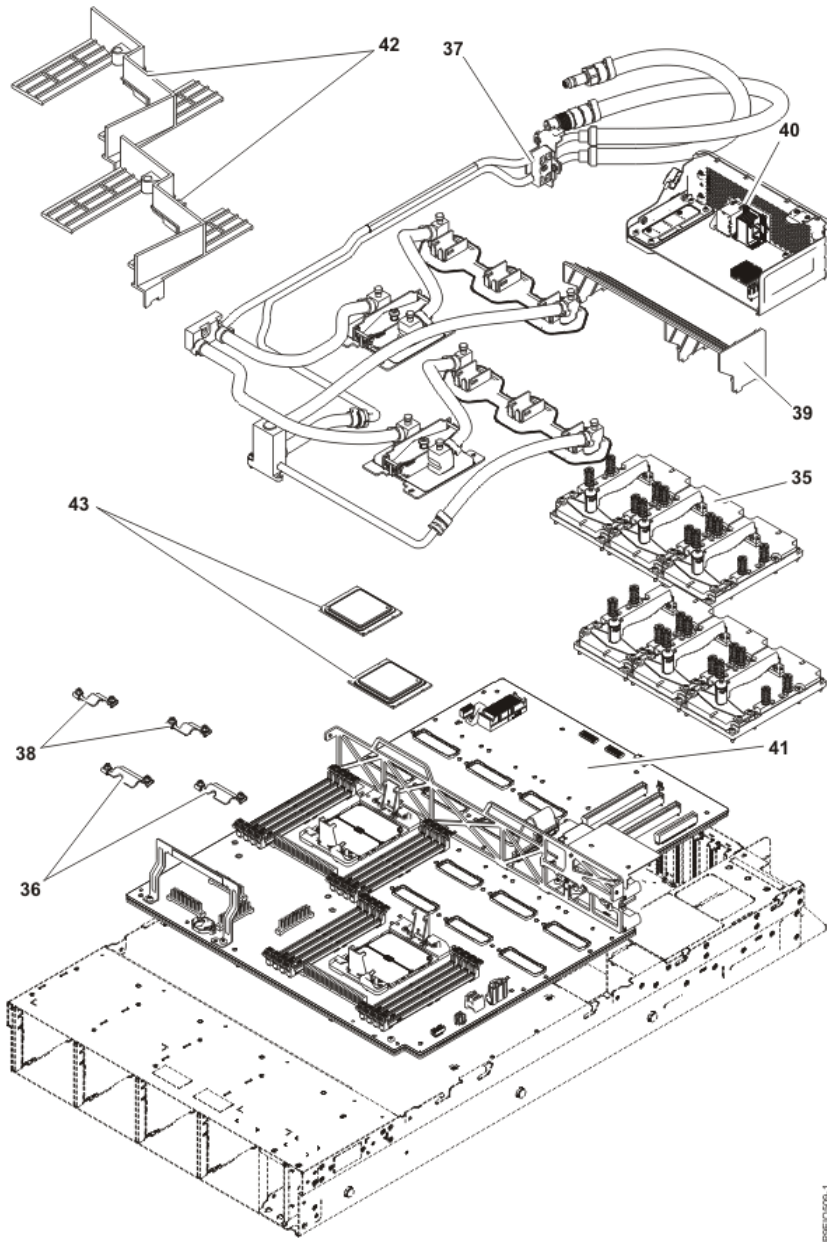


Figure 5. Additional system parts (8335-GTW or 8335-GTX water-cooled system with 6 GPUs)

PRE0009-1

Rear ports

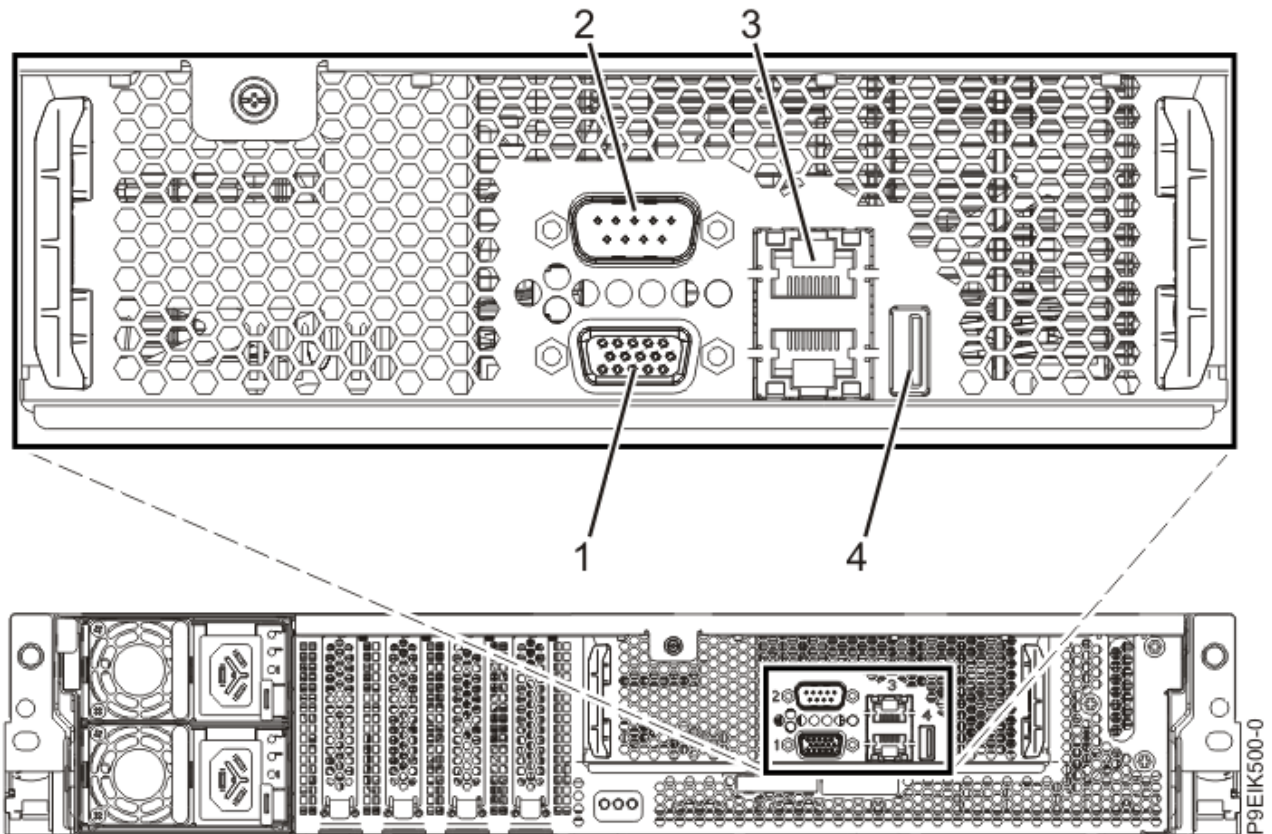


Figure 6. Rear view of the system with ports displayed

Identifier	Description
1	Video Graphics Array (VGA)
2	Intelligent Platform Management Interface (IPMI) serial
3	Ethernet. Use the top Ethernet port for the BMC/ IPMI interface (as PHY0). Use the bottom Ethernet port for any direct operating system usage (as PHY1).
4	USB 3.0

Installing and removing parts

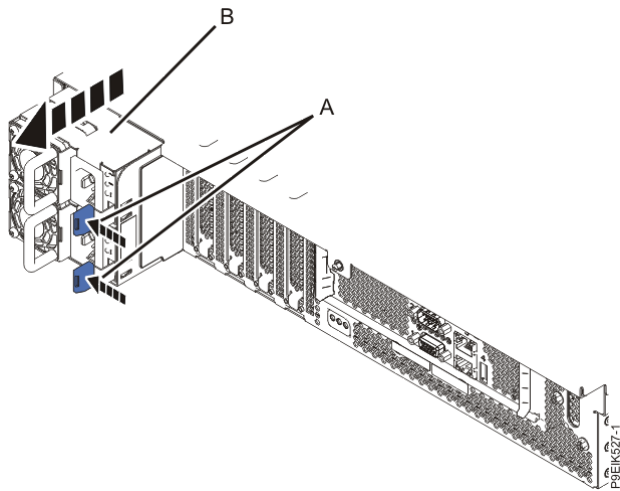


Figure 7. Removing the power supplies from the system

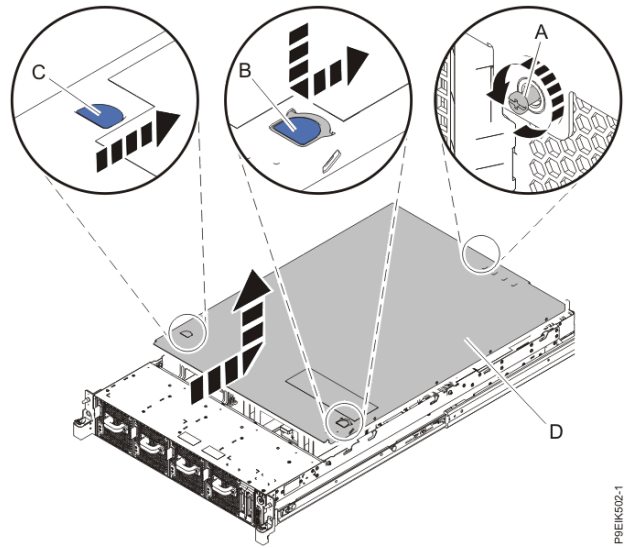


Figure 8. Removing the cover

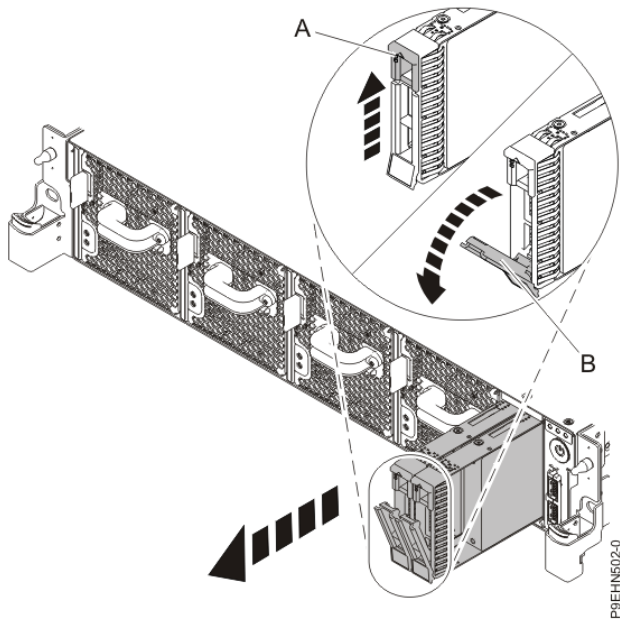


Figure 9. Disk drive lock detail

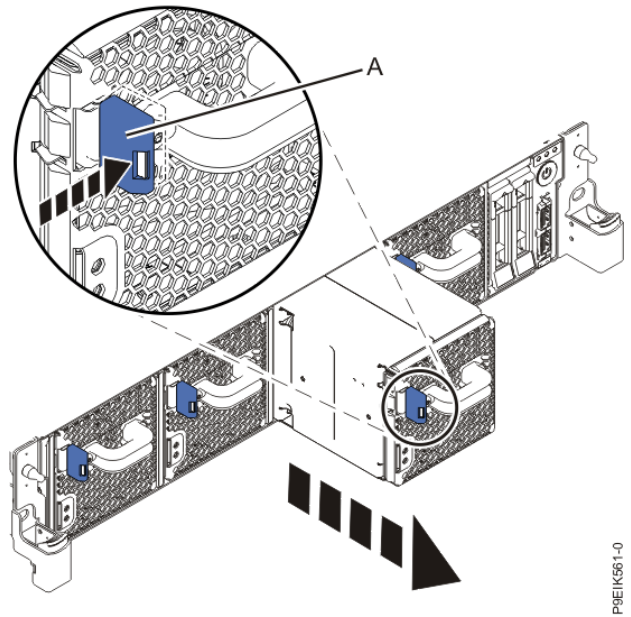


Figure 10. Removing a fan from the system

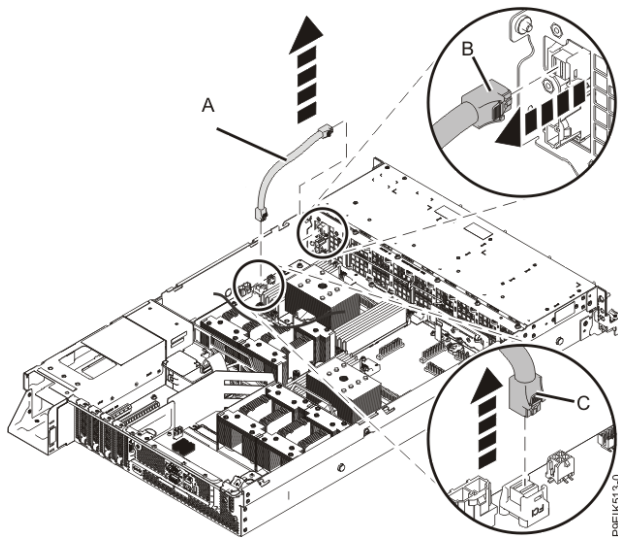


Figure 11. Removing the disk and fan signal cable

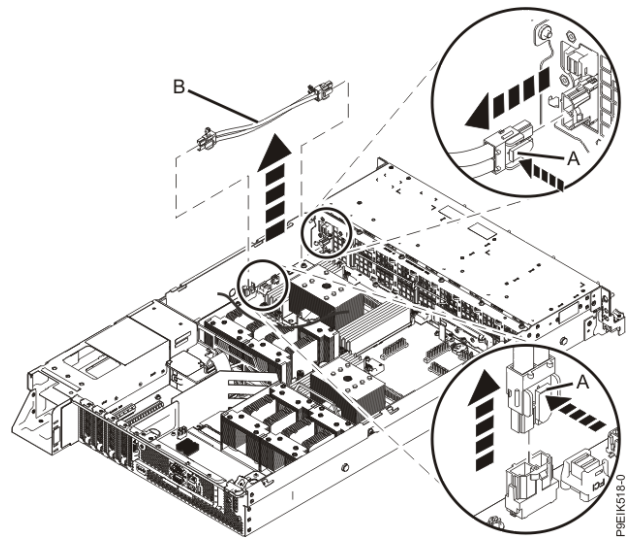


Figure 12. Removing the fan power cable from the system

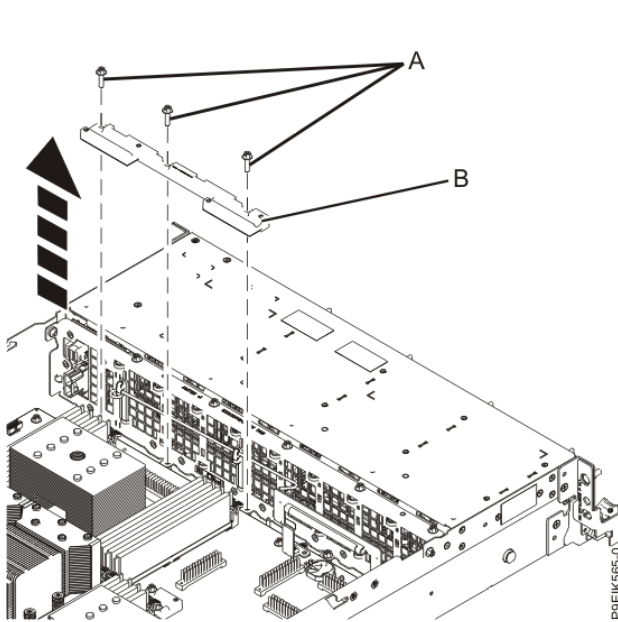


Figure 13. Removing the front holder

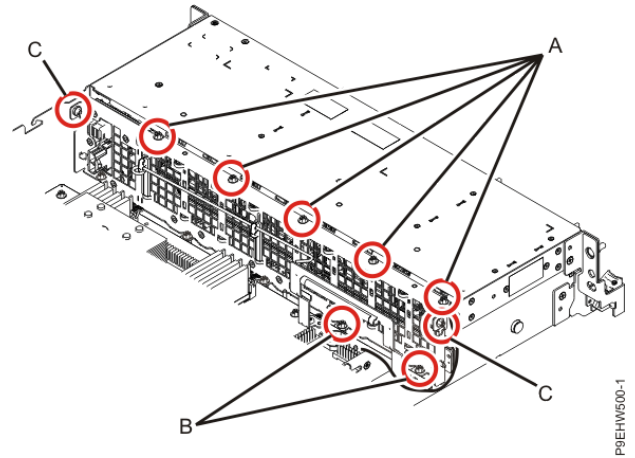
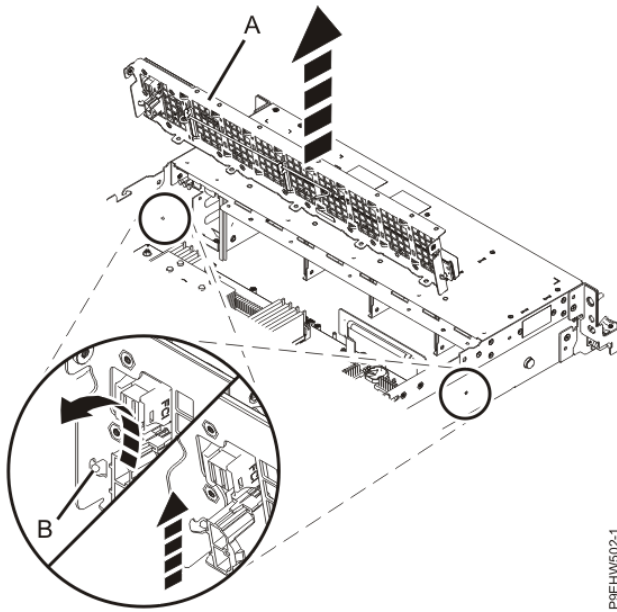
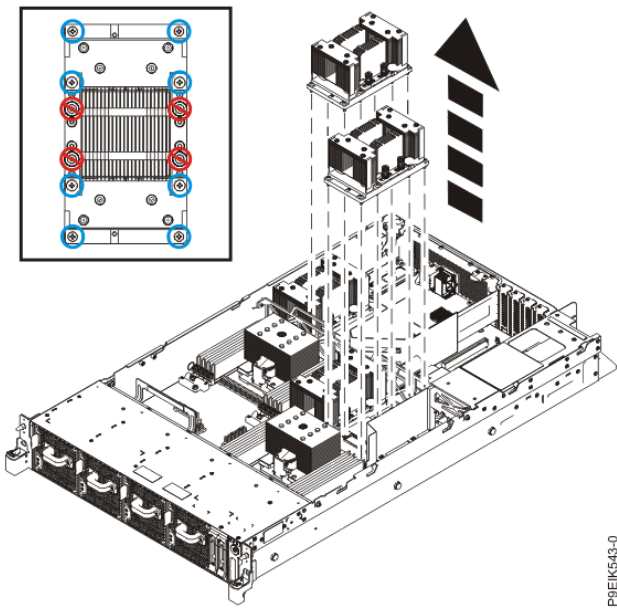


Figure 14. Screw locations for the disk drive and fan card



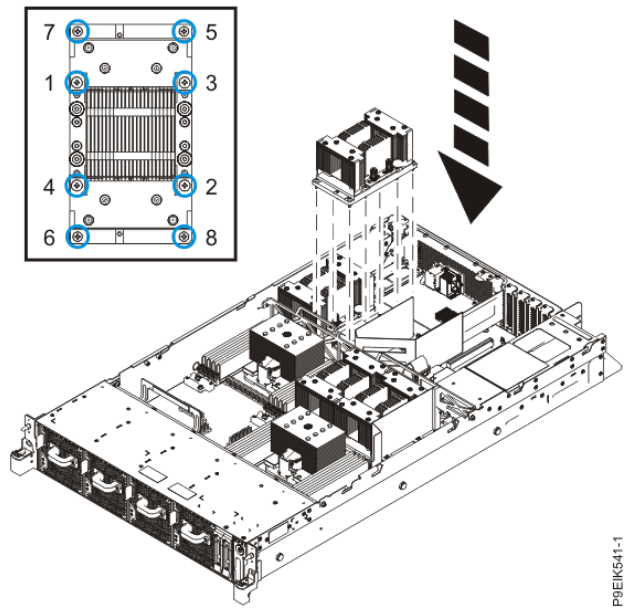
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Figure 15. Removing the disk drive and fan card



P9EIK543-0

Figure 16. Remove eight GPU screws per GPU; do not loosen the four spring-loaded screws



P9EIK541-1

Figure 17. Replacing the GPU and heat sink into system backplane

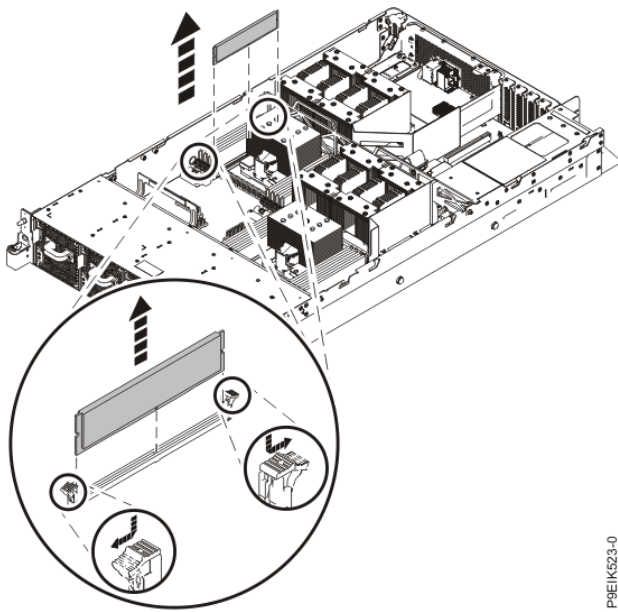


Figure 18. Removing a memory module

P9EIK523-0

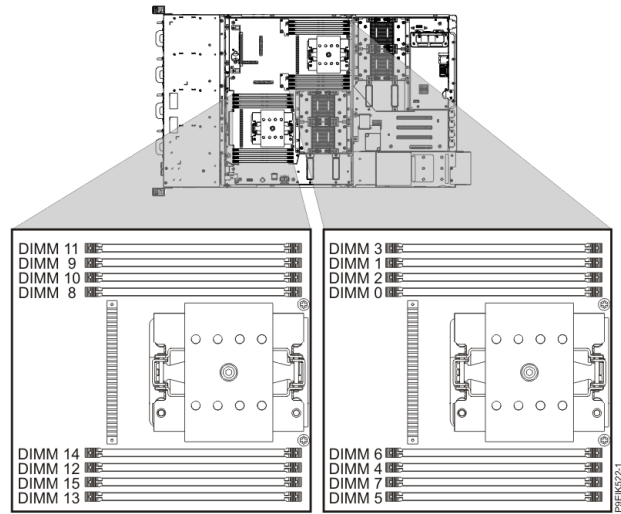


Figure 19. Location of the memory modules

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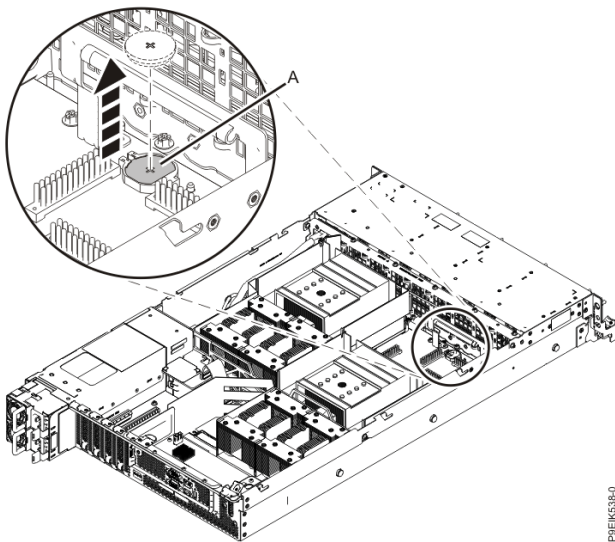


Figure 20. Removing the time-of-day battery from the system backplane

P9EIK538-0

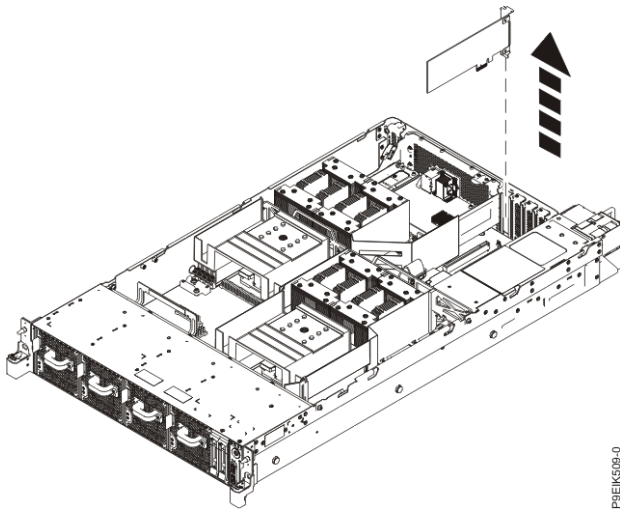


Figure 21. Removing a PCIe adapter

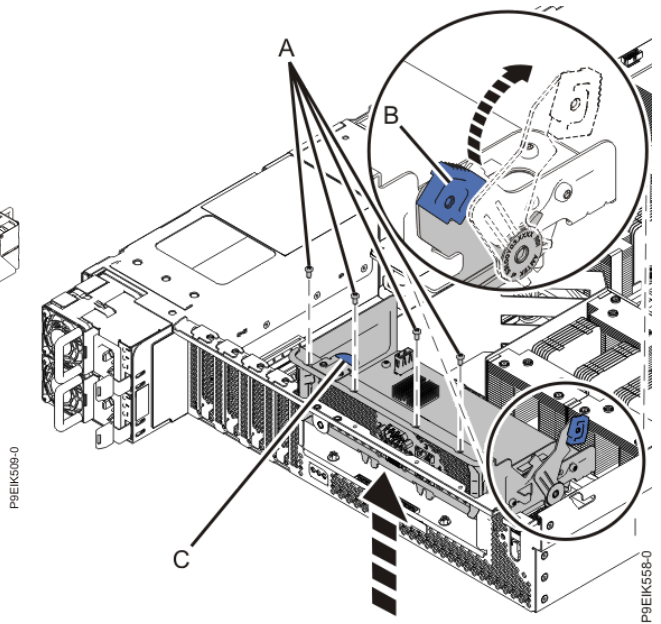


Figure 22. Removing the BMC card

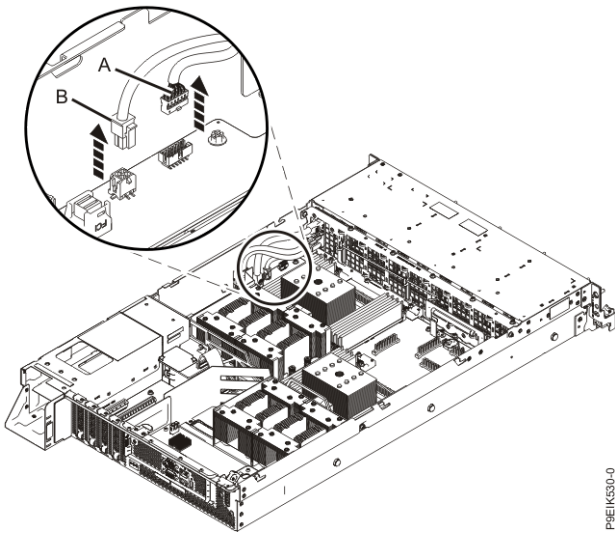


Figure 23. Removing the USB cable and the power switch and cable from the system backplane and the disk drive and fan card

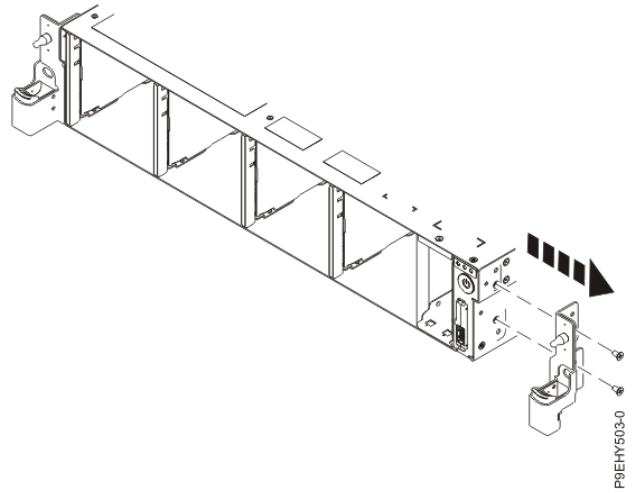


Figure 24. Removing the rack installation support

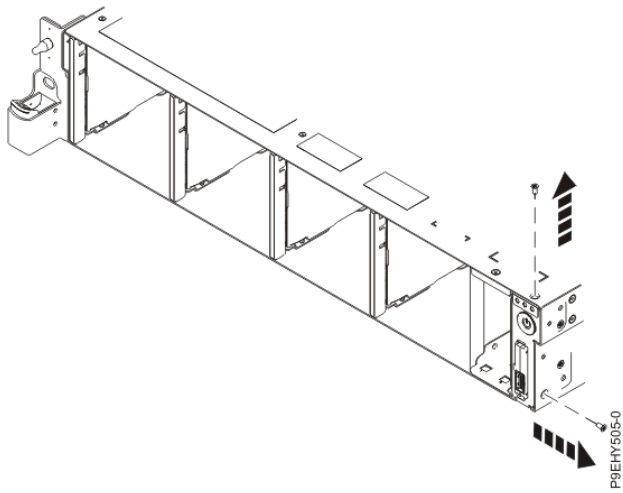


Figure 25. Remove the top and side screws

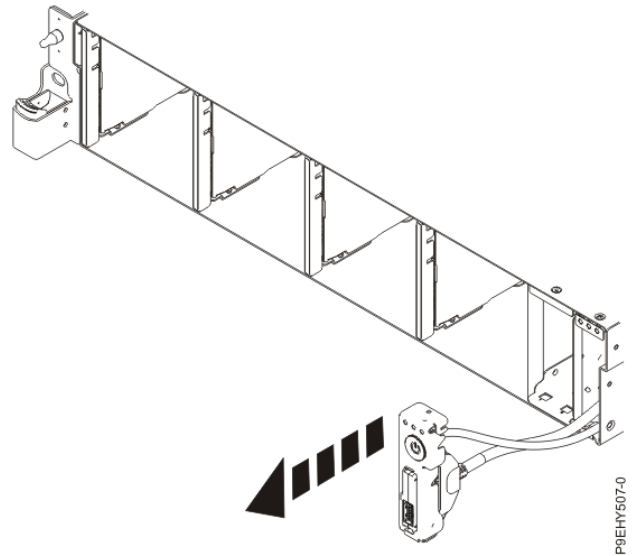


Figure 26. Pull out the power switch and cable

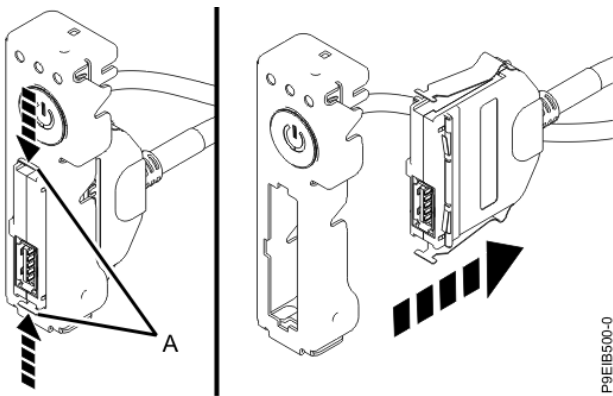


Figure 27. Removing USB cable and connector from the power switch

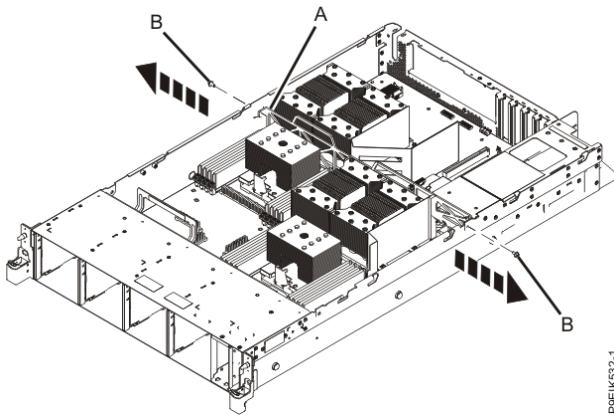


Figure 28. Remove the middle support side screws

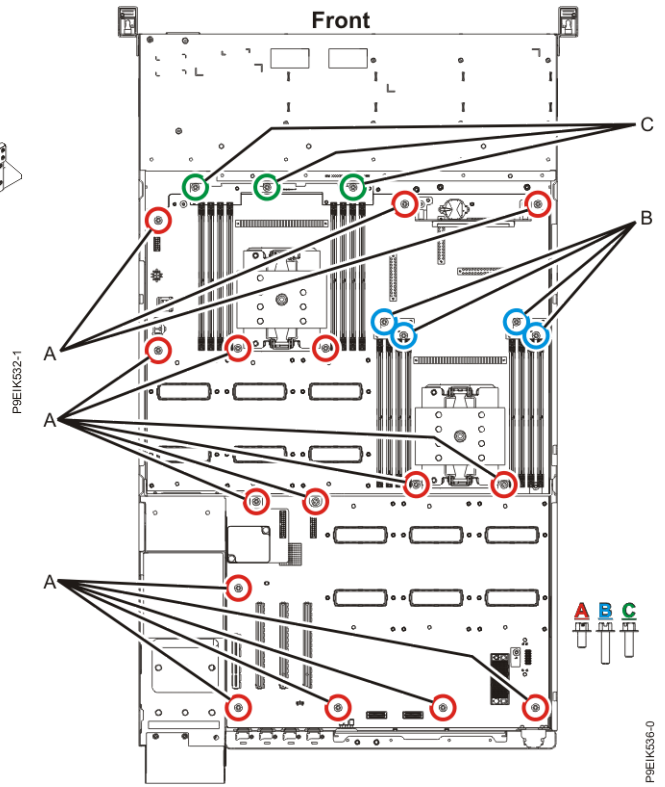


Figure 29. System backplane screw locations

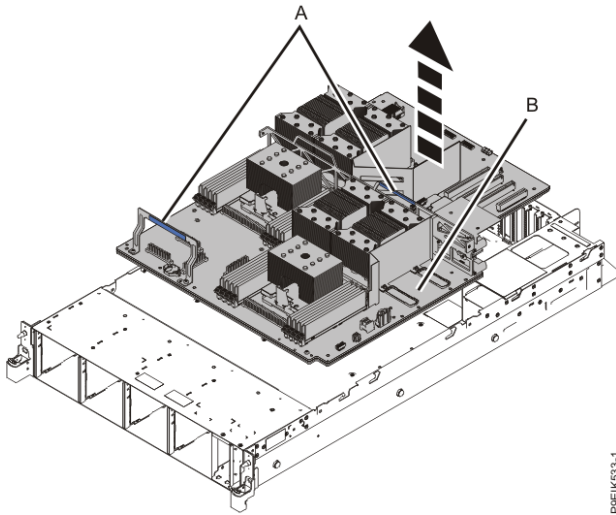


Figure 30. Lifting out the system backplane

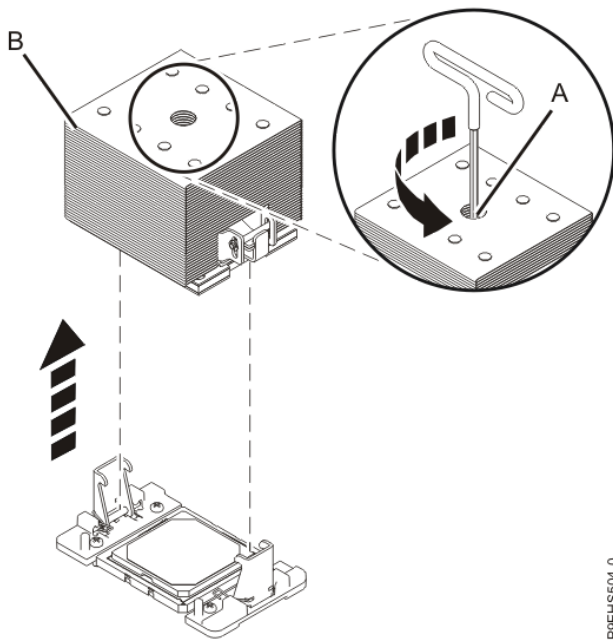


Figure 31. Removing the heat sink

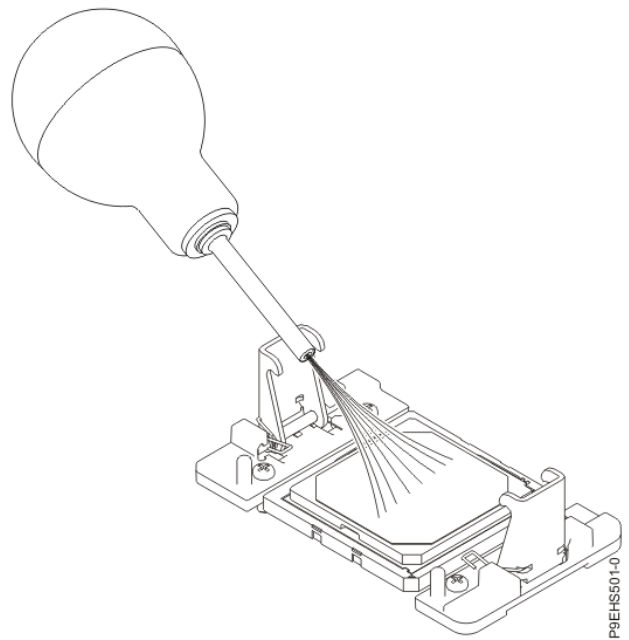


Figure 32. Removing dust and debris from the system processor module area

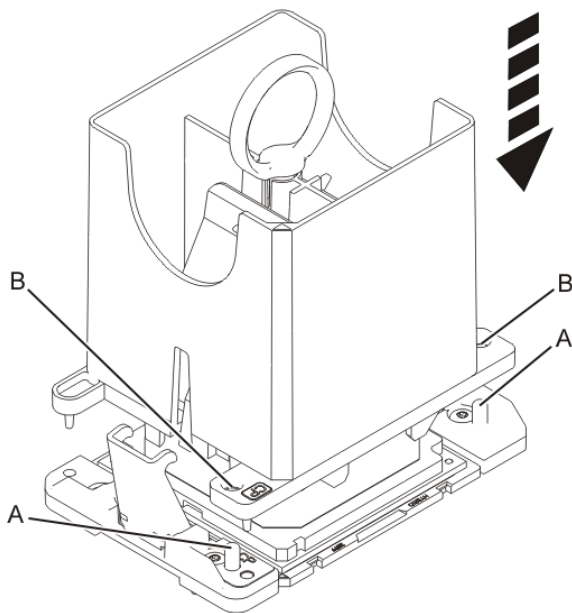


Figure 33. Lowering the removal tool onto the system processor module

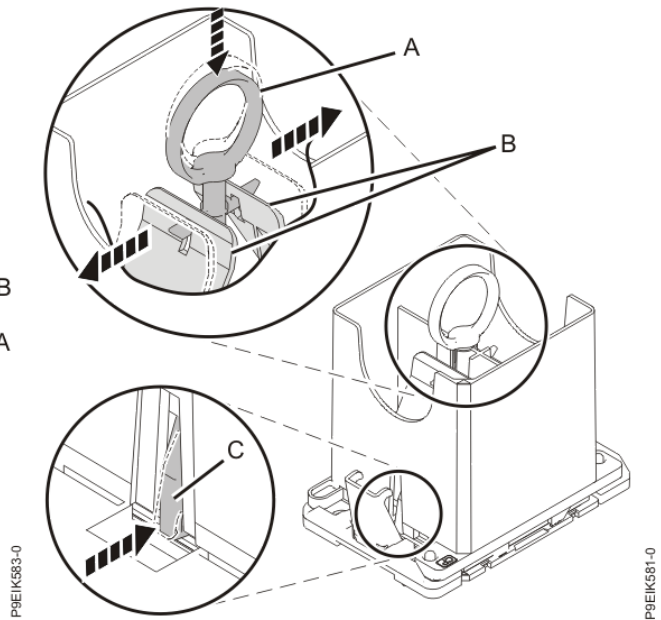


Figure 34. Locking the system processor module into the tool

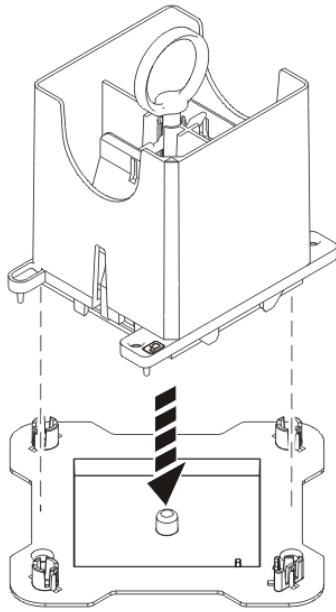


Figure 35. Placing the tool at an angle on the top cover of the packaging

If the thermal interface material is damaged, replace it.

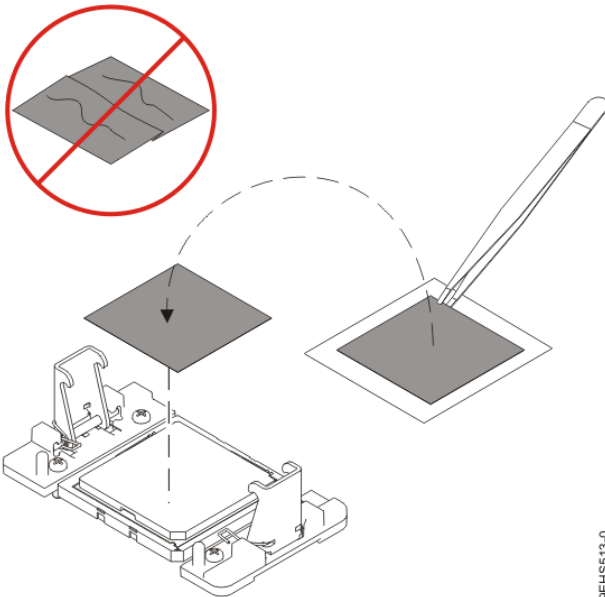


Figure 37. Installing a new TIM onto the system processor module

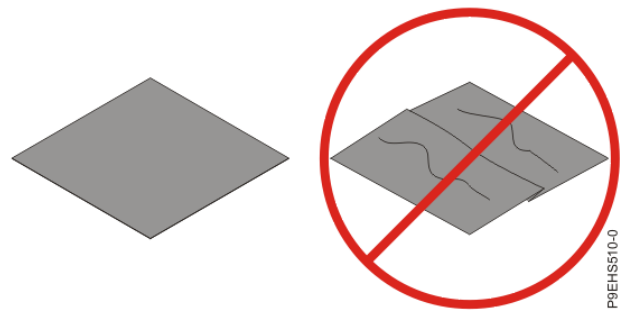


Figure 36. Inspecting the thermal interface material

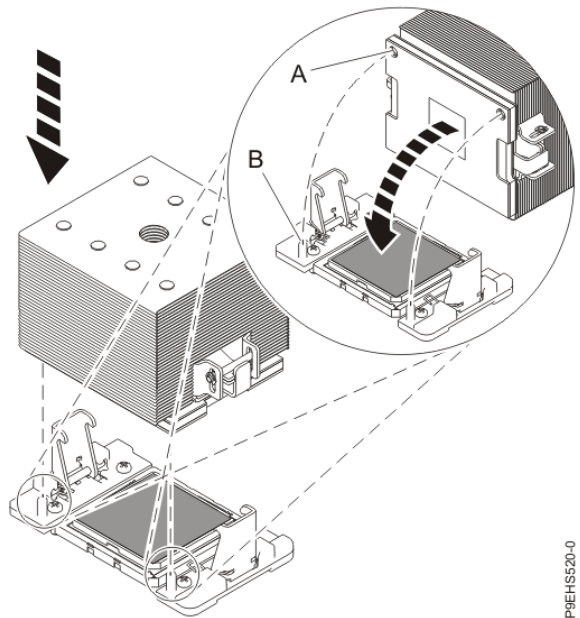
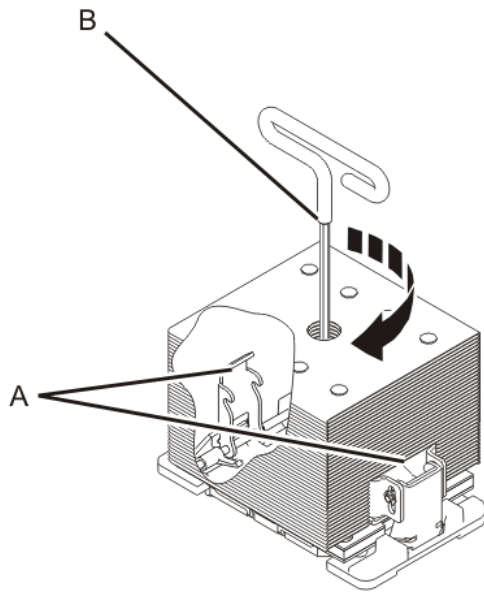


Figure 38. Installing the heat sink on the gray-colored TIM



P9EHS507-0

Figure 39. Tightening the center load screw on the heat sink

