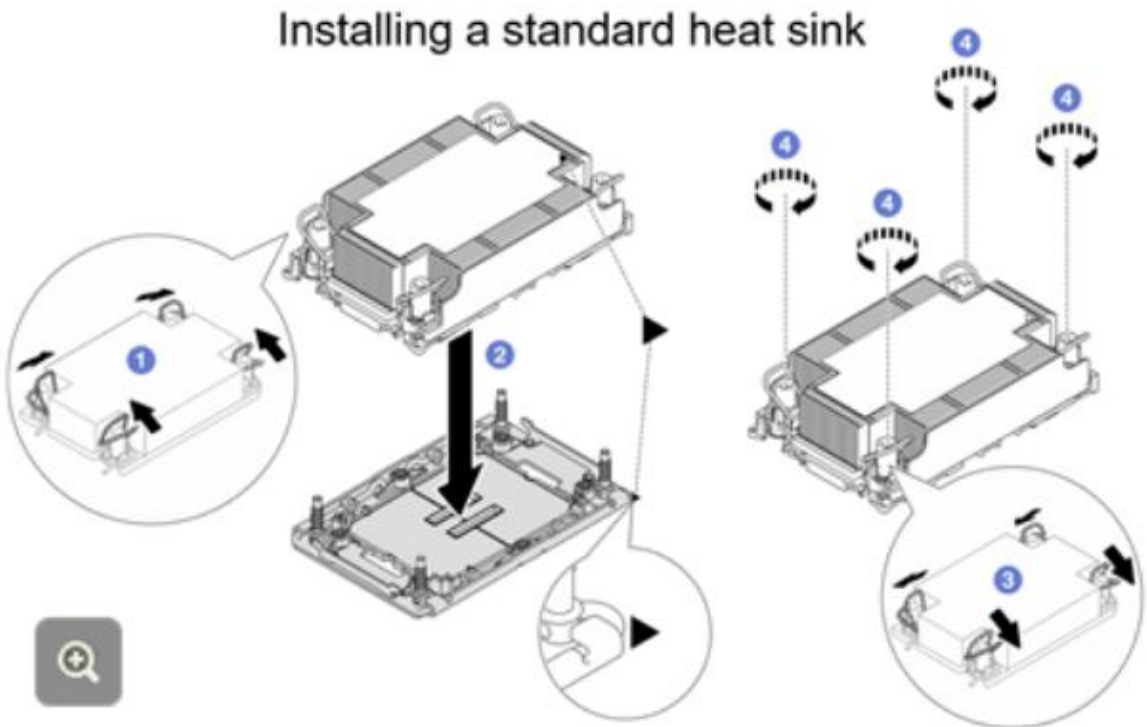
Hardware replacement tips

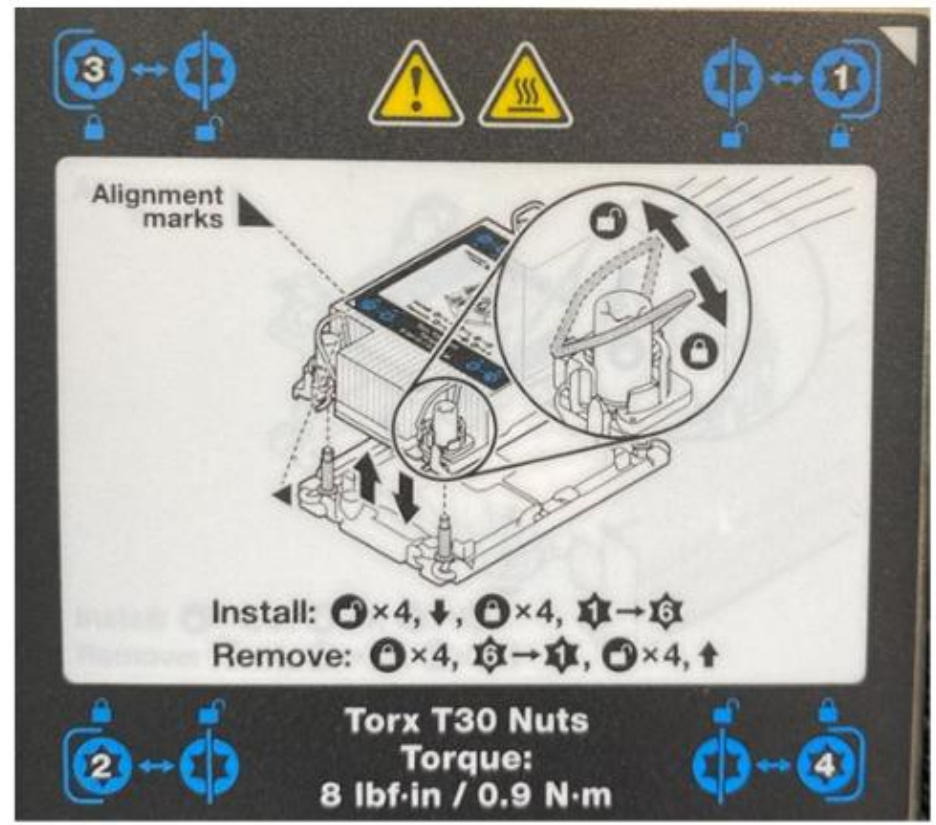
Part replacement highlights

Lenovo

Replacing a processor heat sink

The ThinkSystem V4 heat sink replacement procedure requires a Torx T30 torque screwdriver. Follow the removal sequence instructions and torque settings shown on the heat sink label to remove or install a heat sink. The recommended torque required to fully fasten heat sink screws is 0.9 to 1.3 Newton-meters, or 8 to 12 inch-pounds.





Updating the VPD

After replacing a processor board or a system I/O board, service personnel must update the VPD on the system board. The SR650 V4 and SR650a V4 VPD update procedure is the same as that used with other Intel-based ThinkSystem models (using the `onecli config set` OneCLI command).

Servicers can also use the XCC tool (for servicers only – not available for customers) to update the VPD on an SR650 V4 or SR650a V4.

For more information, refer to the *LXCE OneCLI common task* section of course ES51757B Introducing ThinkSystem tools and ES52678 – ThinkSystem tools for the ThinkSystem V4 platform, or the *Update the Vital Product Data (VPD)* section of the ThinkSystem SR650 V4 and SR650a V4 User Guides on Lenovo Support.

Summary

After completing the course, you will be able to:

- Describe the features and specifications of the ThinkSystem SR650 V4 and SR650a V4
- Identify the components of the SR650 V4 and SR650a V4
- Describe the configurations of the SR650 V4 and SR650a V4
- Describe the SR650 V4 and SR650a V4 management tools
- Describe the specific problem determination steps and explain how to troubleshoot issues with the SR650 V4 and SR650a V4