

Power Systems

*Clock Cable*

**IBM**



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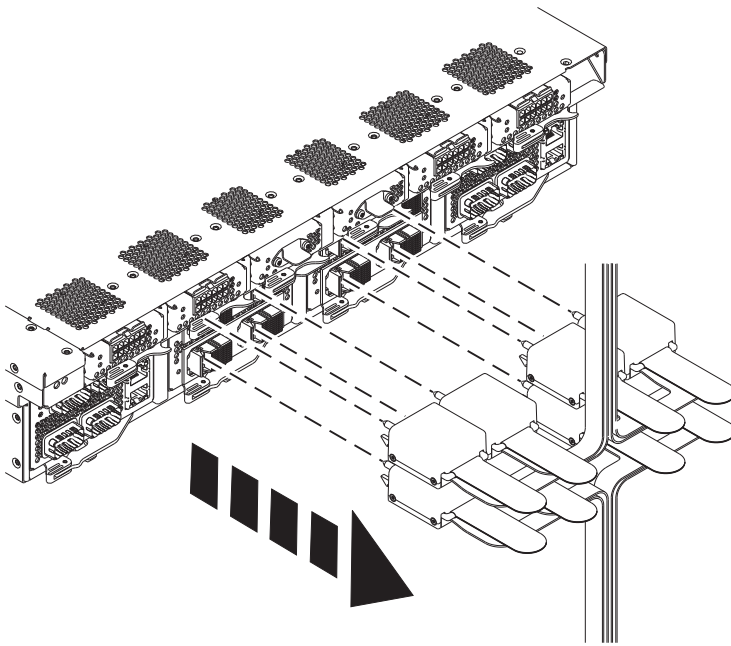


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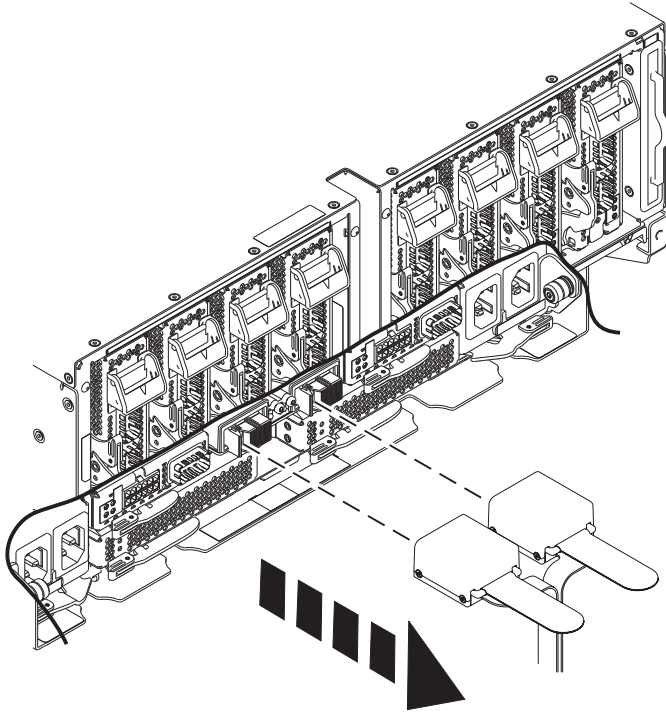
## Remove Clock Cable

To remove a clock cable, complete the following steps:

1. Perform the following procedure on ONLY THE FRU(s) BEING SERVICED. The following images are generic and do not represent the literal location being serviced.
2. Modifying FRU locations which are not called out for service can have adverse effects on the system, INCLUDING SYSTEM OUTAGE AND LOSS OF DATA.
1. Remove the clock card cable from the system control unit by pushing the clock cable in slightly, then pull the locking tab to release the latch and pull cable out.



2. Remove the clock card cable from the system node by pushing the clock cable in slightly, then pull the locking tab to release the latch and pull cable out.



If performing this procedure from a management console, close this web page to continue with the procedure.

## Install Clock Cable

To install a clock cable, complete the following steps:

1. Perform the following procedure on **ONLY THE FRU(s) BEING SERVICED**. The following images are generic and do not represent the literal location being serviced.
2. Modifying FRU locations which are not called out for service can have adverse effects on the system, **INCLUDING SYSTEM OUTAGE AND LOSS OF DATA**.
  1. Note: The clock flex cables are point to point cables designed for their fixed locations and should not be stretched when installing. Stretching the cable during installation may lead to misplugging and bent pins.
  2. If you have a single node system configuration, use the diagram and the *Single System Node to System Control Unit Table* below to determine point to point cabling for the clock flex cable.

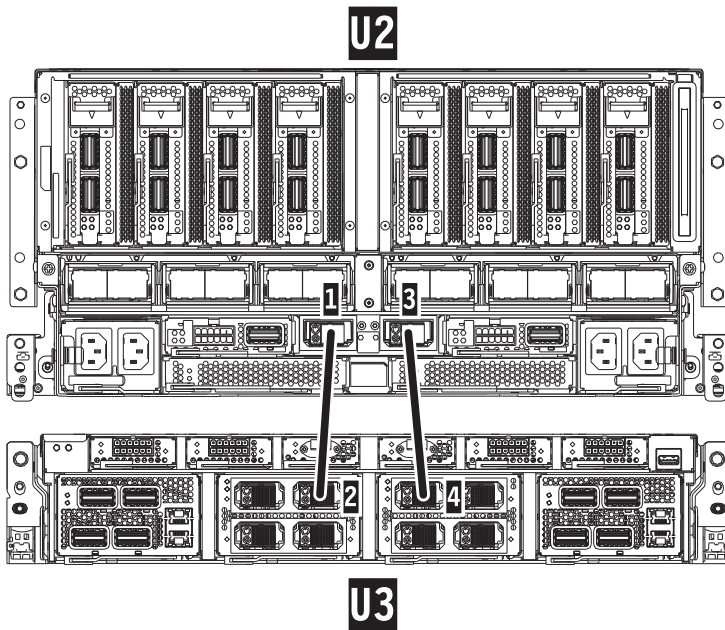


Table 1. Single System Node to System Control Unit Clock Card Cabling

Index Number	From: (U-Loc)	Cable Type	Index Number	To: (U-Loc)
1	U2: P1-T7	Short Clock Flex Cable (Left)	2	U3: P1-C8-T2
3	U2: P1-T8	Short Clock Flex Cable (Right)	4	U3: P1-C9-T1

3. If you have a two node system configuration, use the diagram and the *Two System Nodes to System Control Unit Table* below to determine the point to point cabling for the clock flex cable.

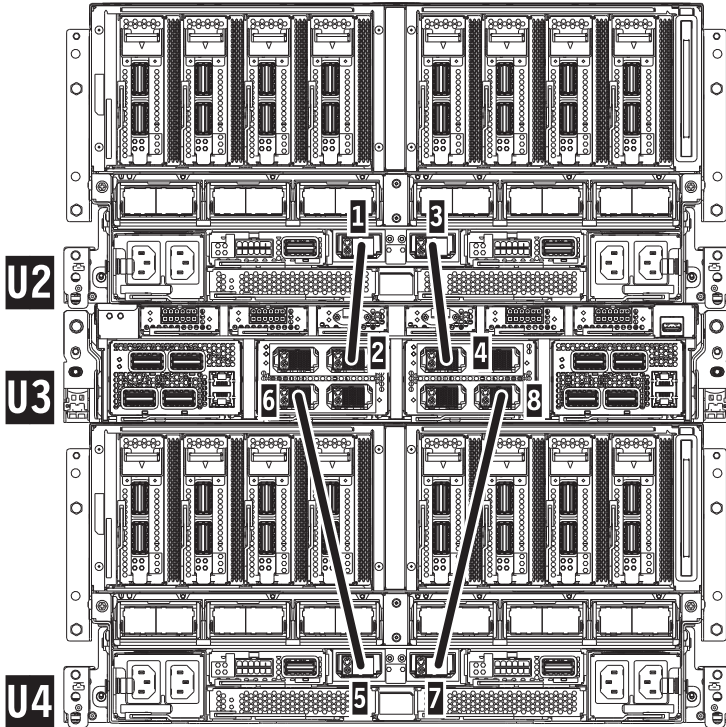


Table 2. Two System Nodes to System Control Unit Clock Card Cabling

Index Number	From: (U-Loc)	Cable Type	Index Number	To: (U-Loc)
1	U2: P1-T7	Short Clock Flex Cable (Left)	2	U3: P1-C8-T2
2	U2: P1-T8	Short Clock Flex Cable (Right)	4	U3: P1-C9-T1
5	U4: P1-T7	Long Clock Flex Cable (Left)	6	U3: P1-C8-T3
7	U4: P1-T8	Long Clock Flex Cable (Right)	8	U3: P1-C9-T4

4. If you have a three node system configuration, use the diagram and the *Three System Node to System Control Unit* Table below to determine point to point cabling for the clock flex cables.



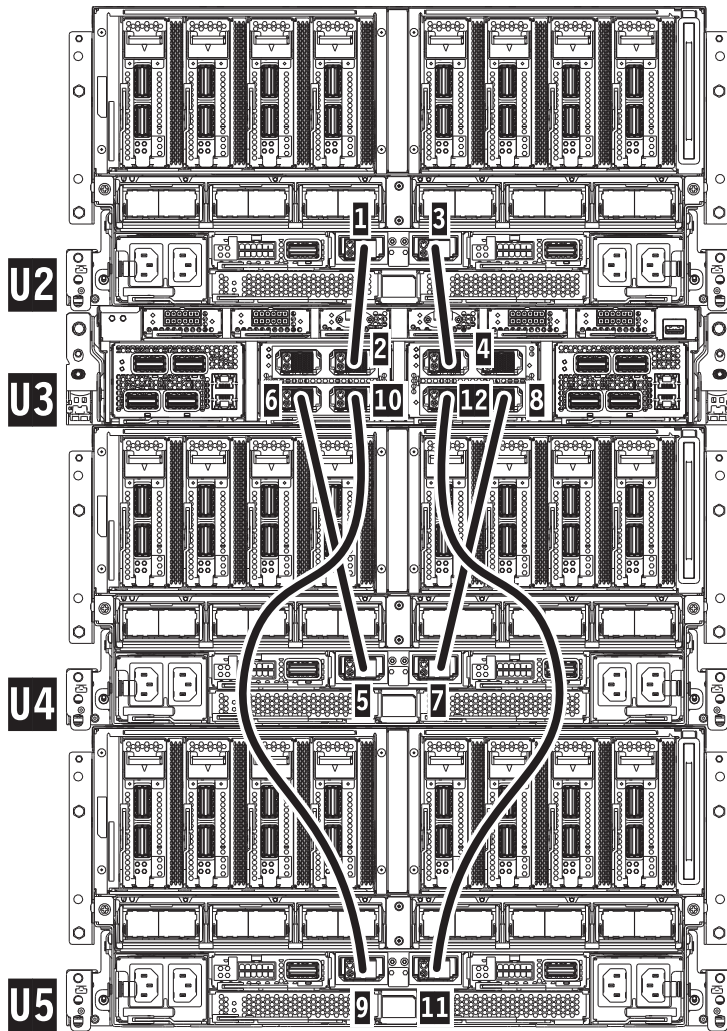


Table 3. Three System Node to System Control Unit Clock Card Cabling

Index Number	From: (U-Loc)	Cable Type	Index Number	To: (U-Loc)
1	U2: P1-T7	Short Clock Flex Cable (Left)	2	U3: P1-C8-T2
3	U2: P1-T8	Short Clock Flex Cable (Right)	4	U3: P1-C9-T1
5	U4: P1-T7	Long Clock Flex Cable (Left)	6	U3: P1-C8-T3
7	U4: P1-T8	Long Clock Flex Cable (Right)	8	U3: P1-C9-T4
9	U5: P1-T7	Long Clock Flex Cable (Left)	10	U3: P1-C8-T4
11	U5: P1-T8	Long Clock Flex Cable (Right)	12	U3: P1-C9-T3

5. If you have a four node system configuration, use the diagram and the *Four System Node to System Control Unit* Table below to determine point to point cabling for the clock flex cables.

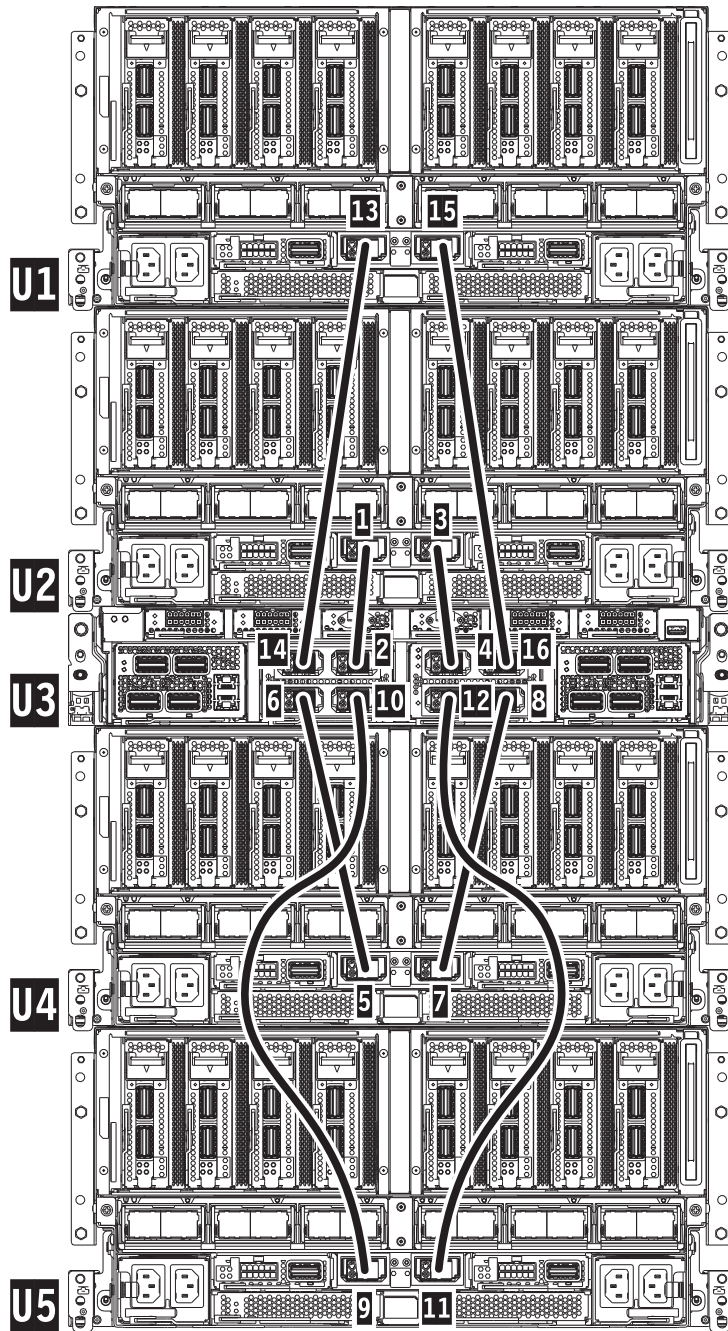


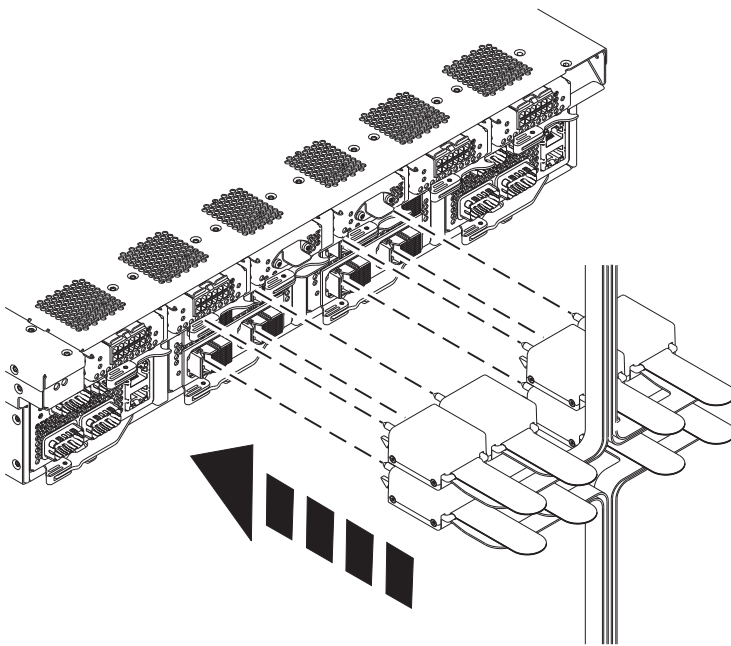
Table 4. Four System Node to System Control Unit Clock Card Cabling

Index Number	From: (U-Loc)	Cable Type	Index Number	To: (U-Loc)
1	U2: P1-T7	Short Clock Flex Cable (Left)	2	U3: P1-C8-T2
3	U2: P1-T8	Short Clock Flex Cable (Right)	4	U3: P1-C9-T1
5	U4: P1-T7	Long Clock Flex Cable (Left)	6	U3: P1-C8-T3
7	U4: P1-T8	Long Clock Flex Cable (Right)	8	U3: P1-C9-T4

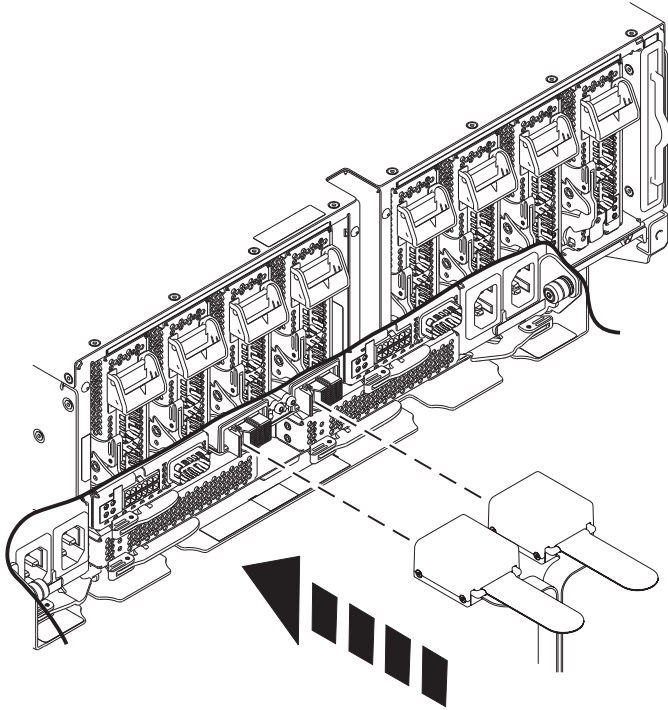
Table 4. Four System Node to System Control Unit Clock Card Cabling (continued)

Index Number	From: (U-Loc)	Cable Type	Index Number	To: (U-Loc)
9	U5: P1-T7	Long Clock Flex Cable (Left)	10	U3: P1-C8-T4
11	U5: P1-T8	Long Clock Flex Cable (Right)	12	U3: P1-C9-T3
13	U1: P1-T7	Long Clock Flex Cable (Left)	14	U3: P1-C8-T1
15	U1: P1-T8	Long Clock Flex Cable (Right)	16	U3: P1-C9-T2

6. Push the cable into the slot on the system control unit. The connectors are keyed and can only be seated in one way.



7. Push the cable into the slot on the system node. The connectors are keyed and can only be seated in one way.



If performing this procedure from a management console, close this web page to continue with the procedure.





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