

Revision History

Rev.	Description of change	Date
A	As Issue	6 September 2011

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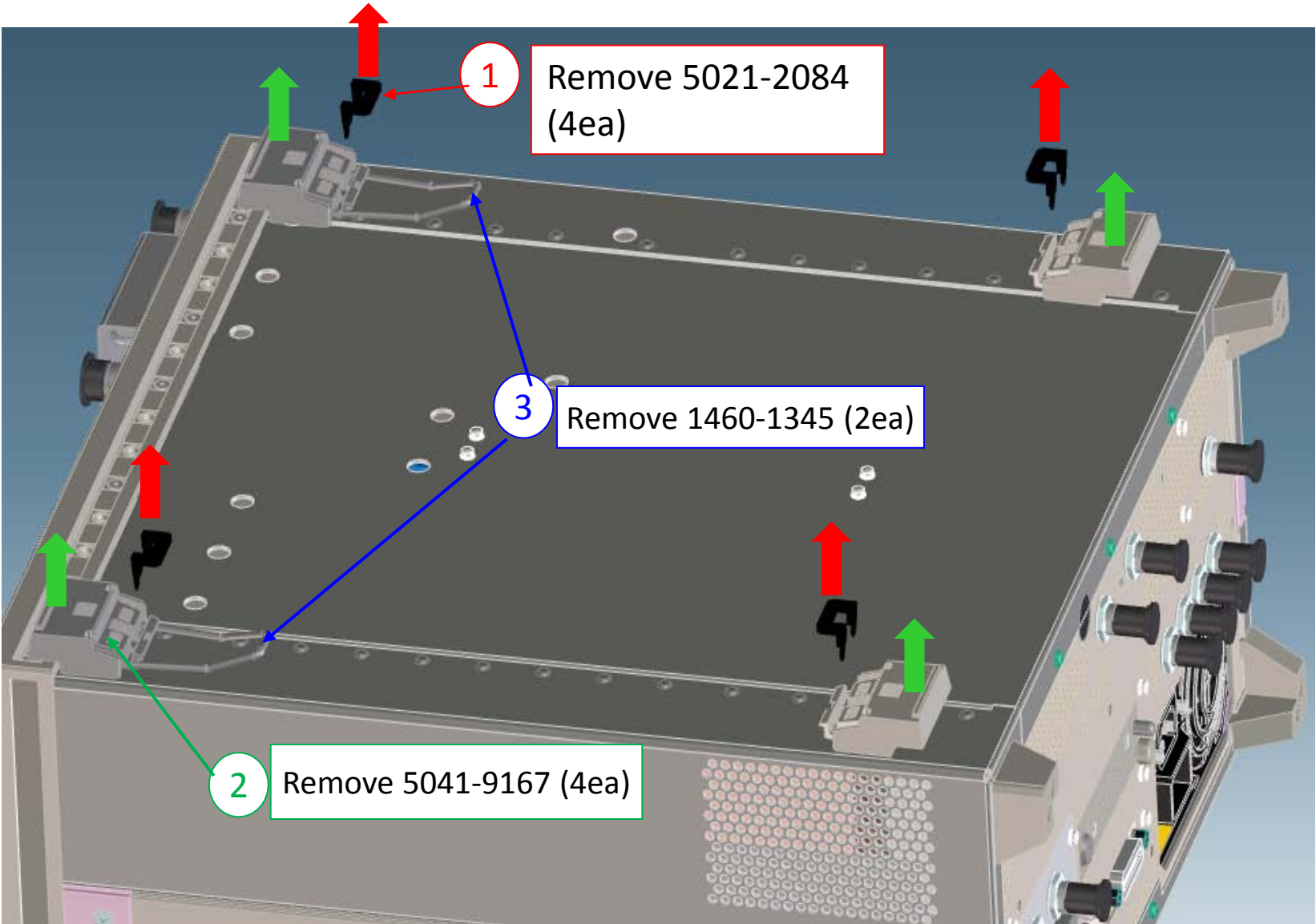
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Cover

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.



1 Remove 5021-2084 (4ea)

3 Remove 1460-1345 (2ea)

2 Remove 5041-9167 (4ea)

- 1
- 2
- 3

T20 : 14 in-lbs

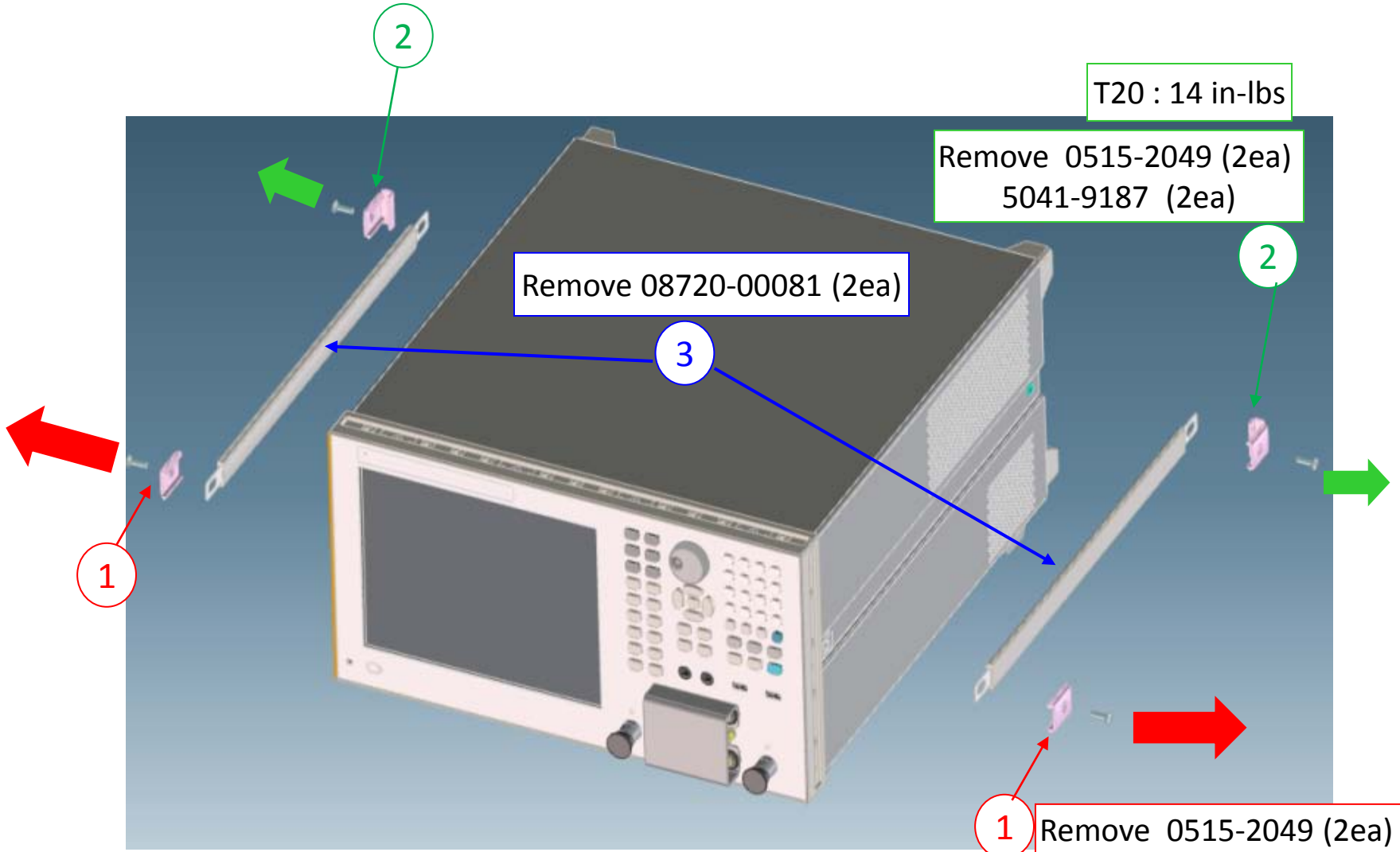
Remove 0515-2049 (2ea)
5041-9187 (2ea)

Remove 08720-00081 (2ea)

Remove 0515-2049 (2ea)
5041-9186 (2ea)

T20 : 14 in-lbs

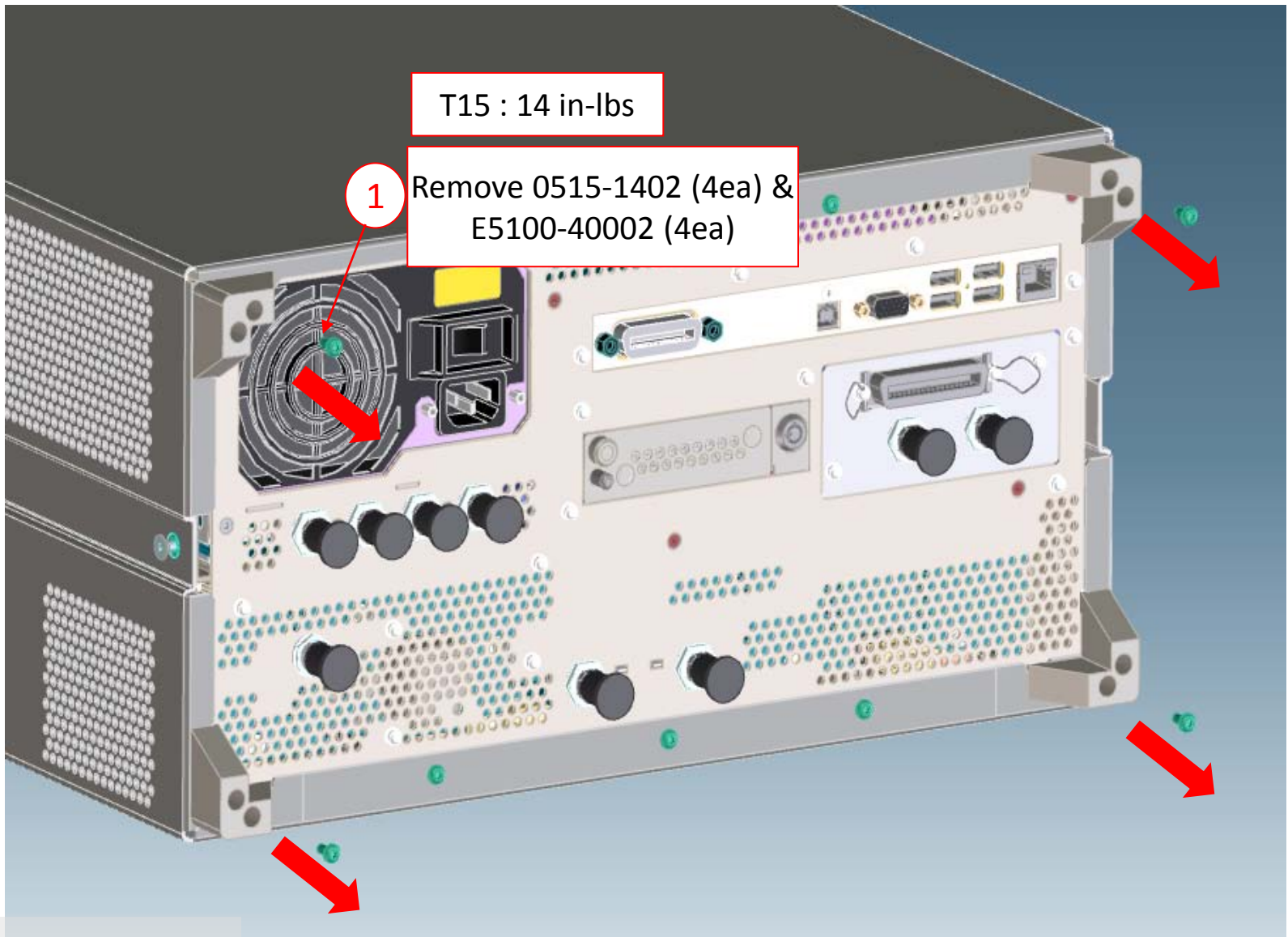
① ②



T15 : 14 in-lbs

1

Remove 0515-1402 (4ea) &
E5100-40002 (4ea)



1 2

T15 : 14 in-lbs

Remove 0515-1402 (5ea)

1

T10 : 9 in-lbs

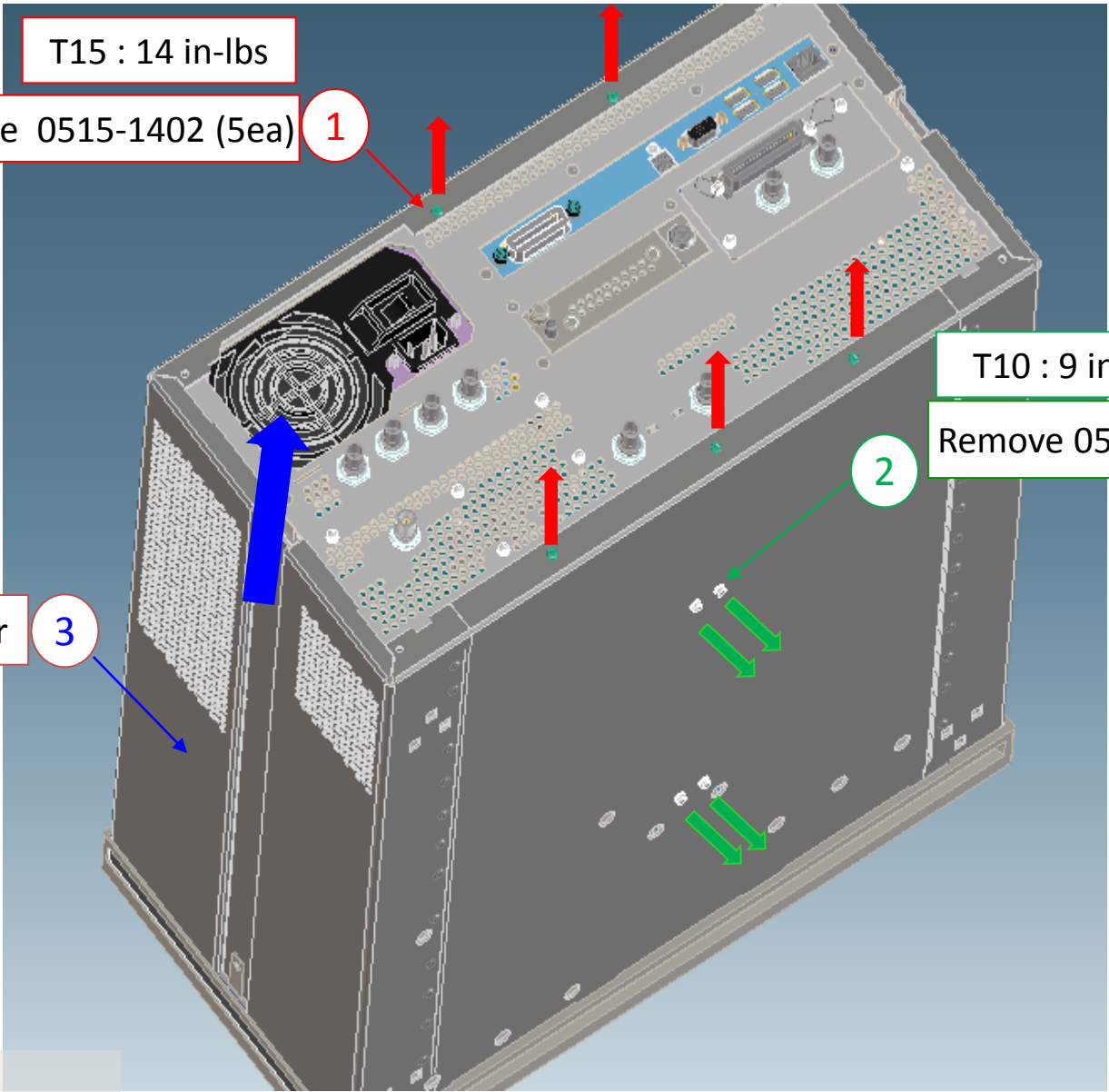
Remove 0515-0430 (2ea)

2

Remove Cover

3

1 2 3



LCD (2090-0883)

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.

1 Remove 5041-9176

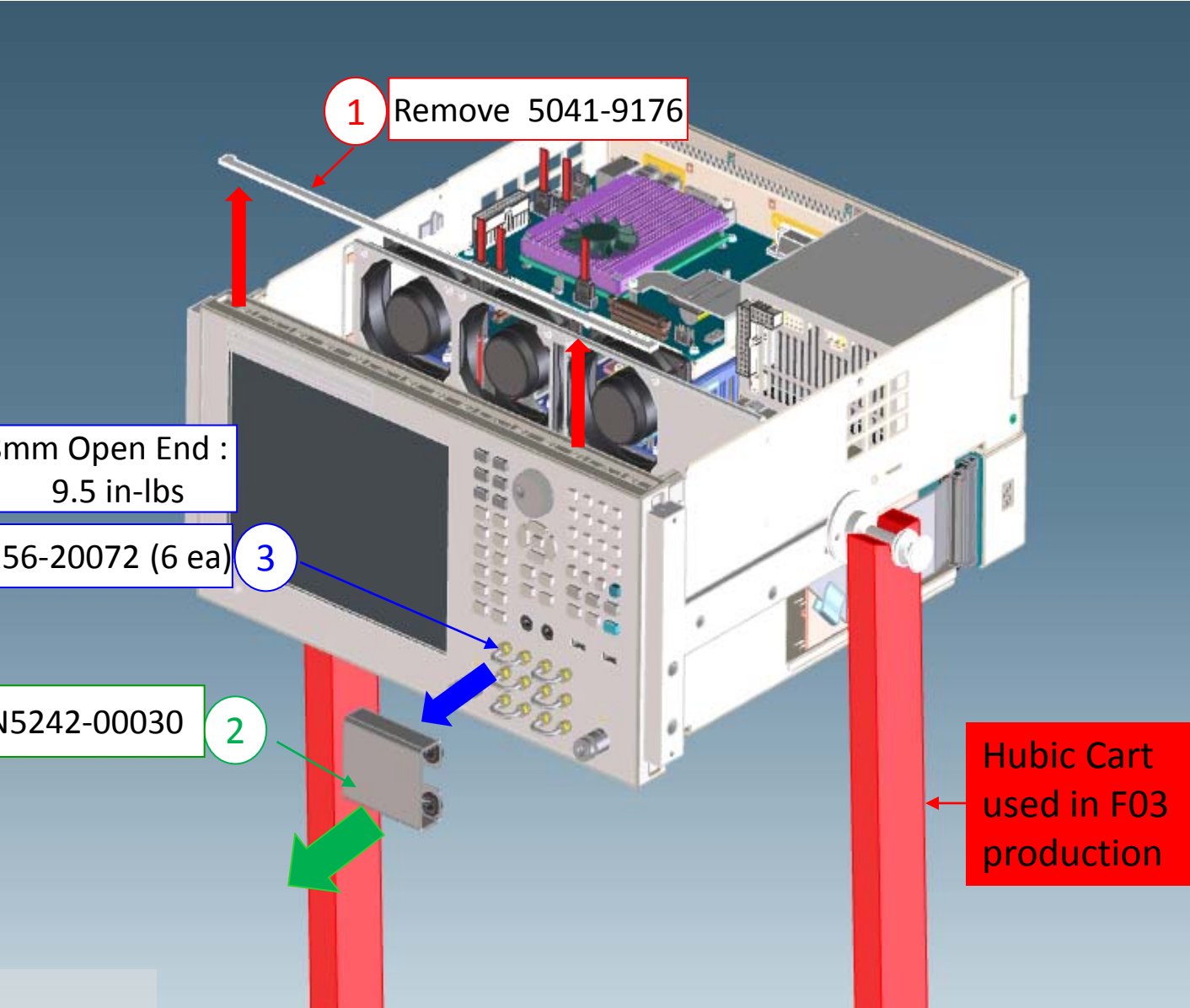
8mm Open End :
9.5 in-lbs

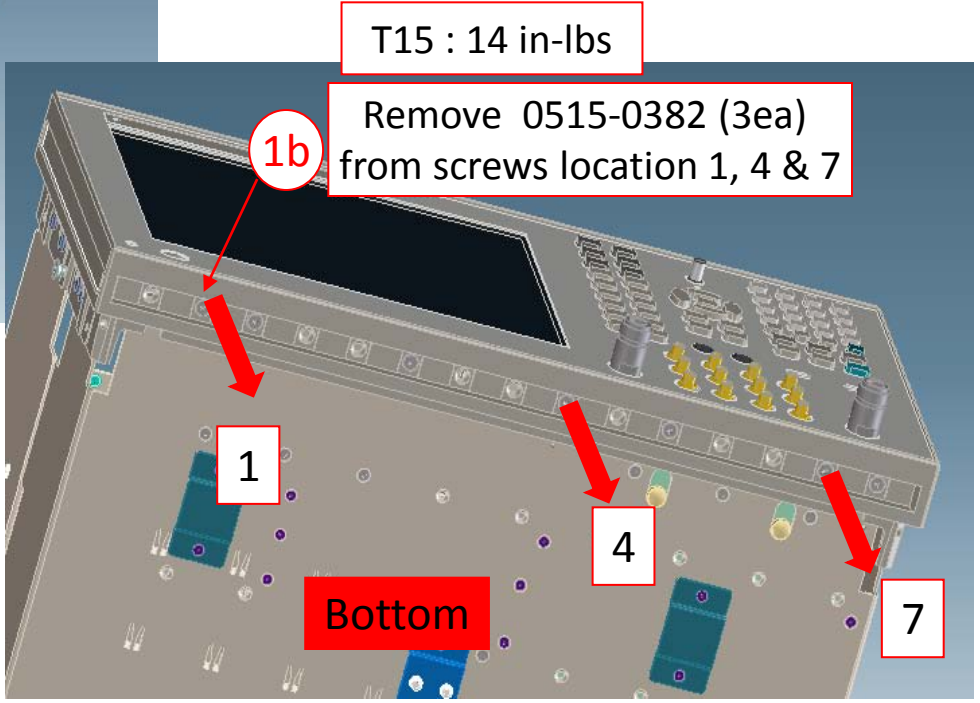
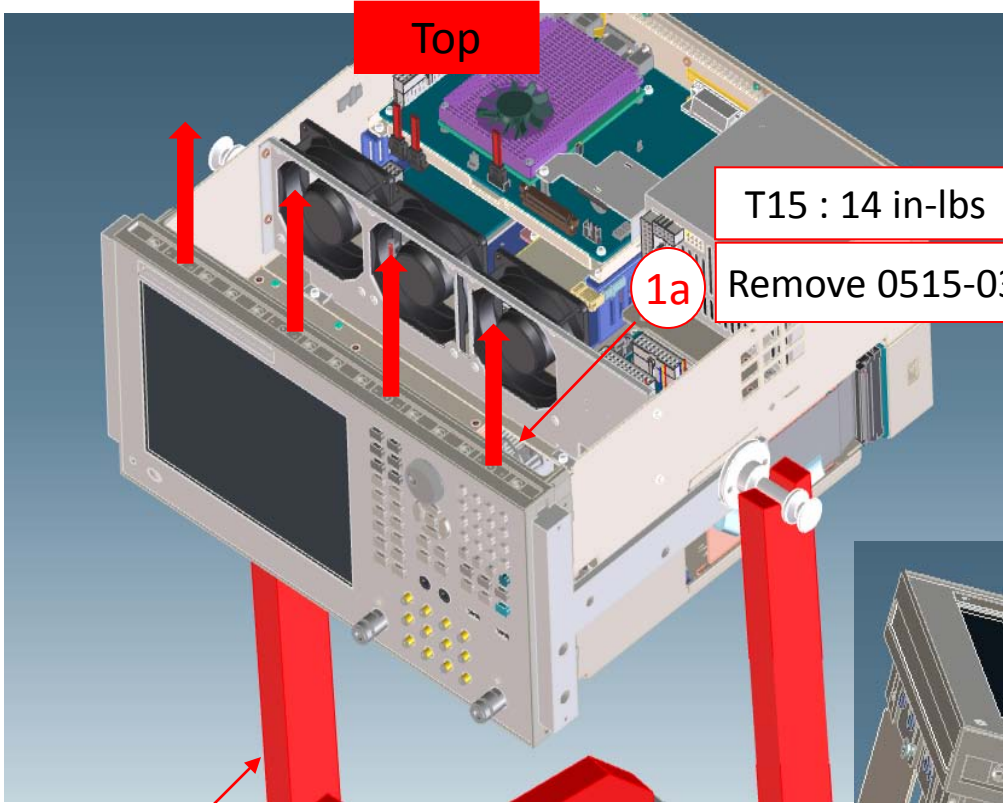
Remove E8356-20072 (6 ea) 3

Remove N5242-00030 2

Hubic Cart
used in F03
production

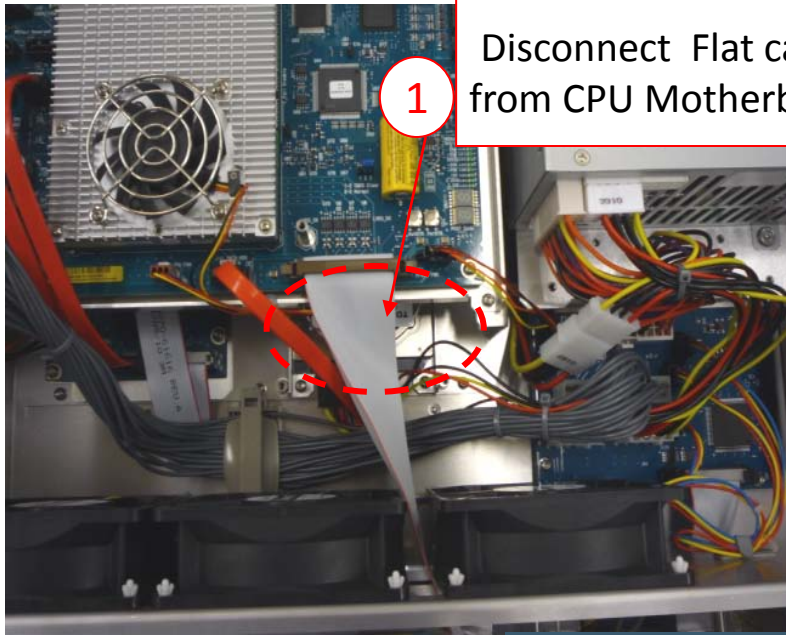
1 2 3



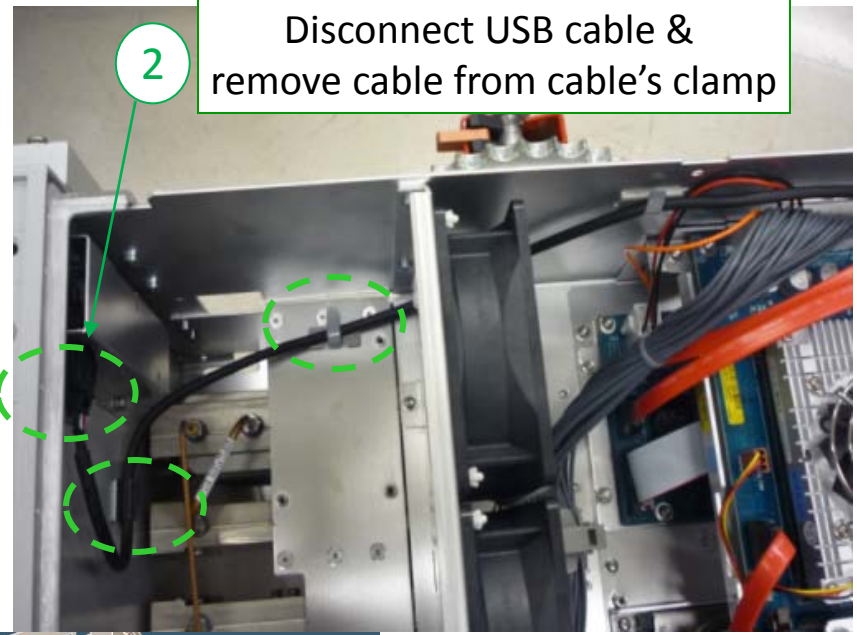


Hubic Cart
used in F03
production

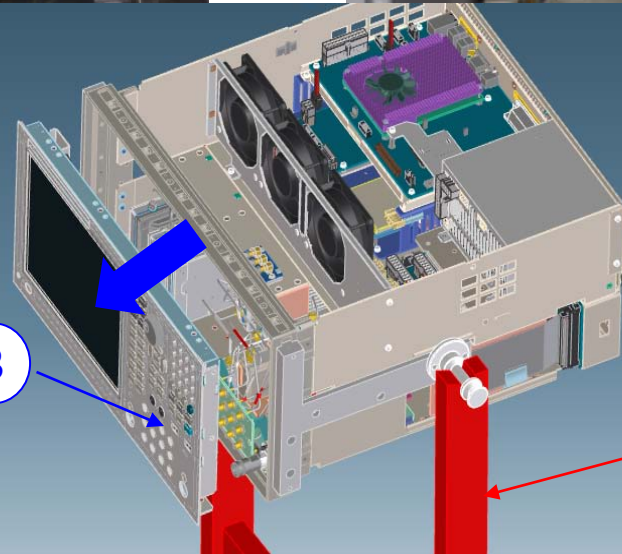
1



1 Disconnect Flat cable from CPU Motherboard



2 Disconnect USB cable & remove cable from cable's clamp



3 Slowly pull/remove Front frame Sub-assembly from Chassis

Hubic Cart used in F03 production

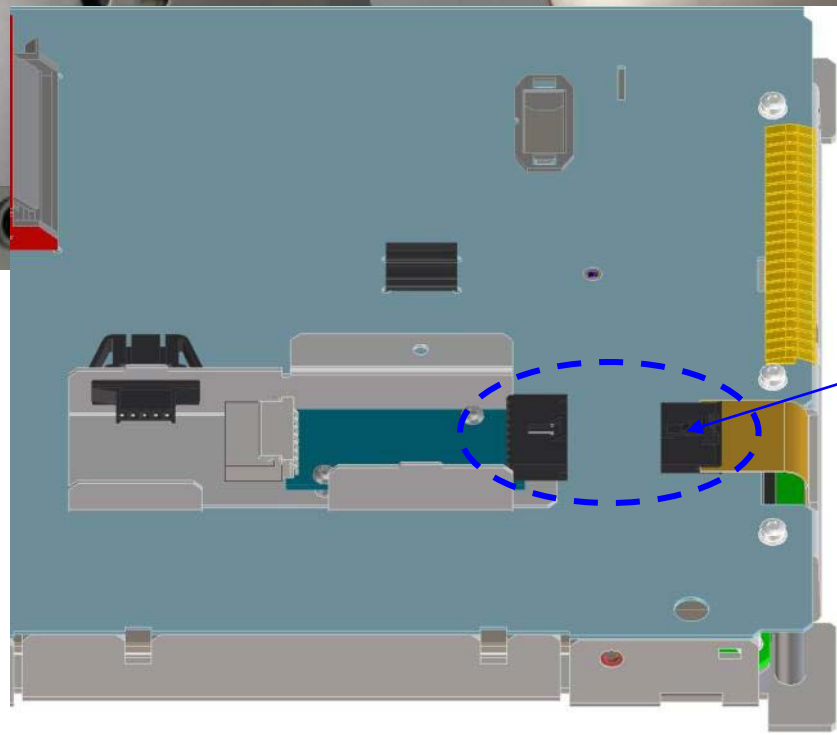
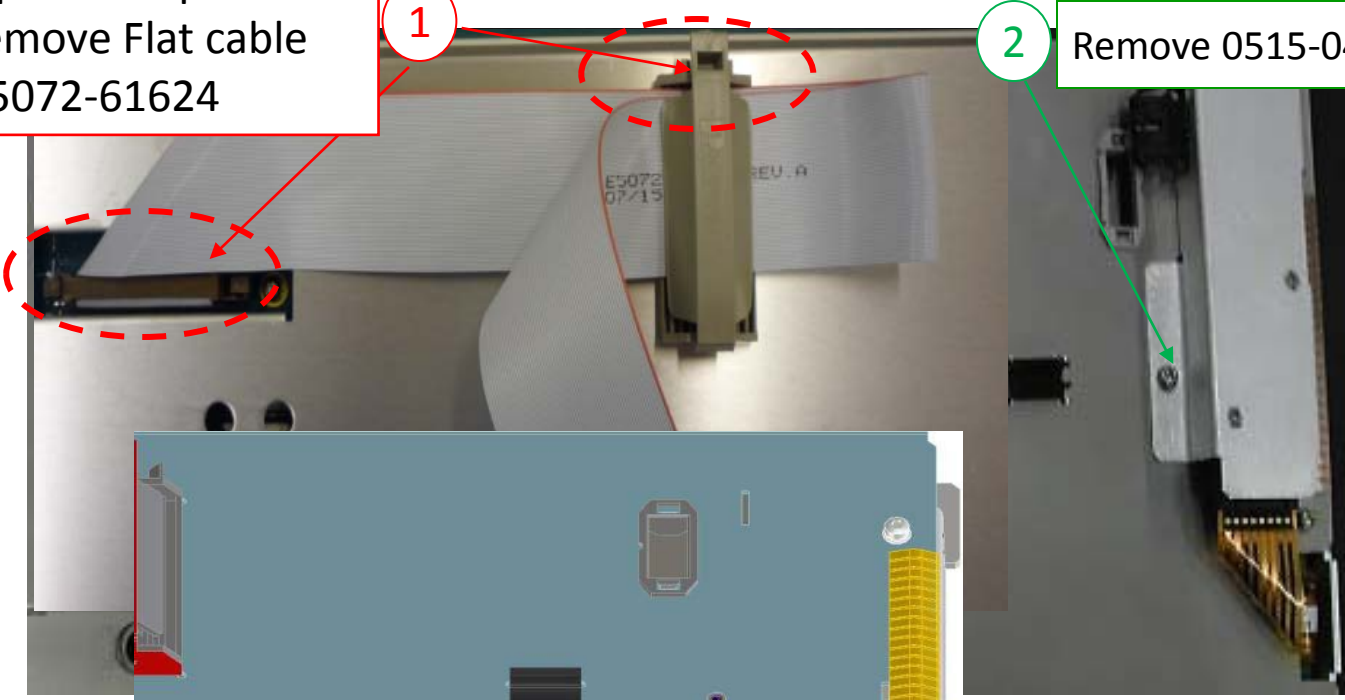
Open Clamp and remove Flat cable E5072-61624

1

T10 : 9 in-lbs

2

Remove 0515-0430 (1ea)



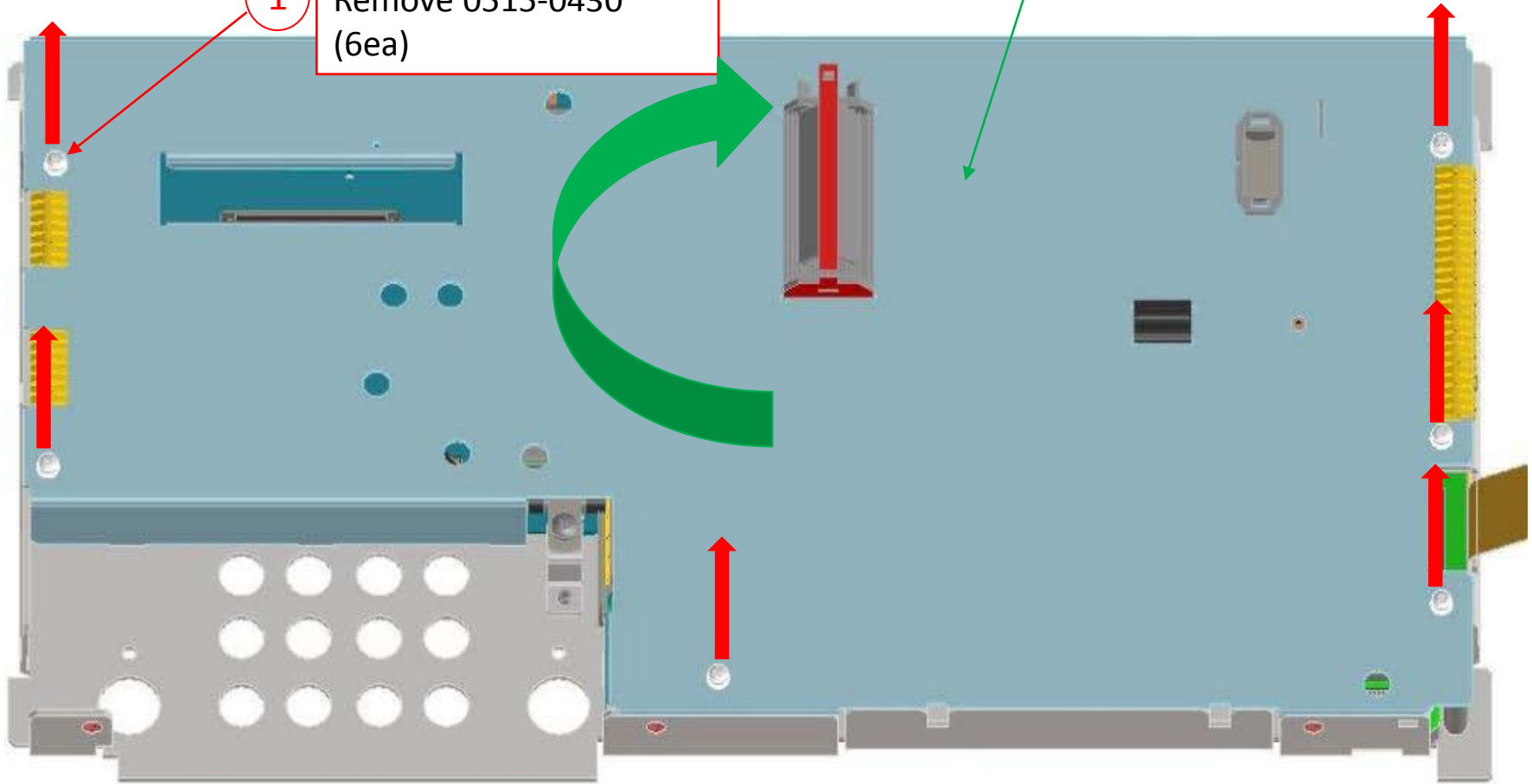
3 Disconnect flat cable from Touch Screen Controller Board

1 2 3

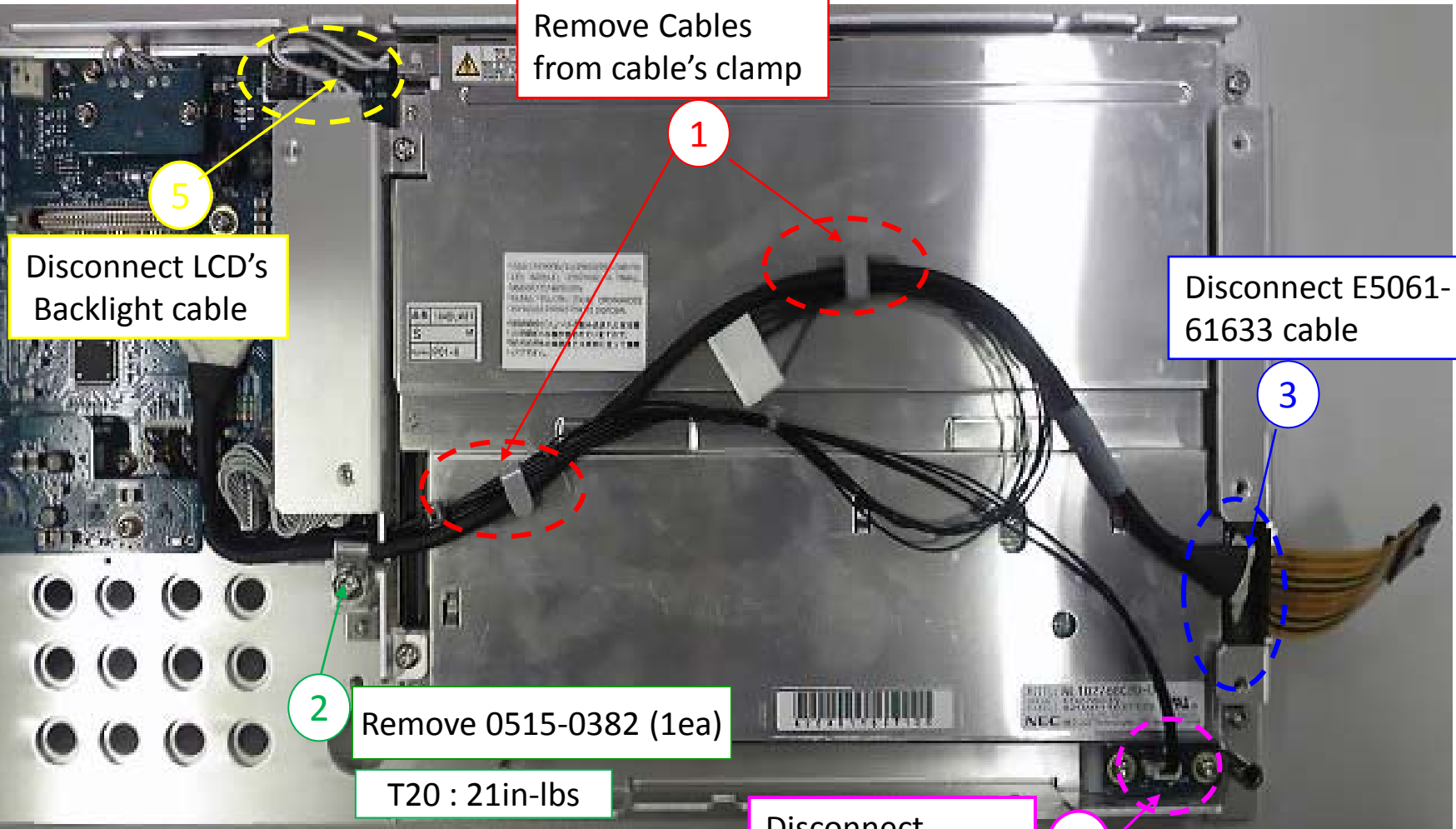
T10 : 9 in-lbs

1 Remove 0515-0430
(6ea)

2 Remove E5072-0060



1 2



Remove Cables from cable's clamp

1

Disconnect LCD's Backlight cable

5

Remove 0515-0382 (1ea)

2

Disconnect E5061-61633 cable

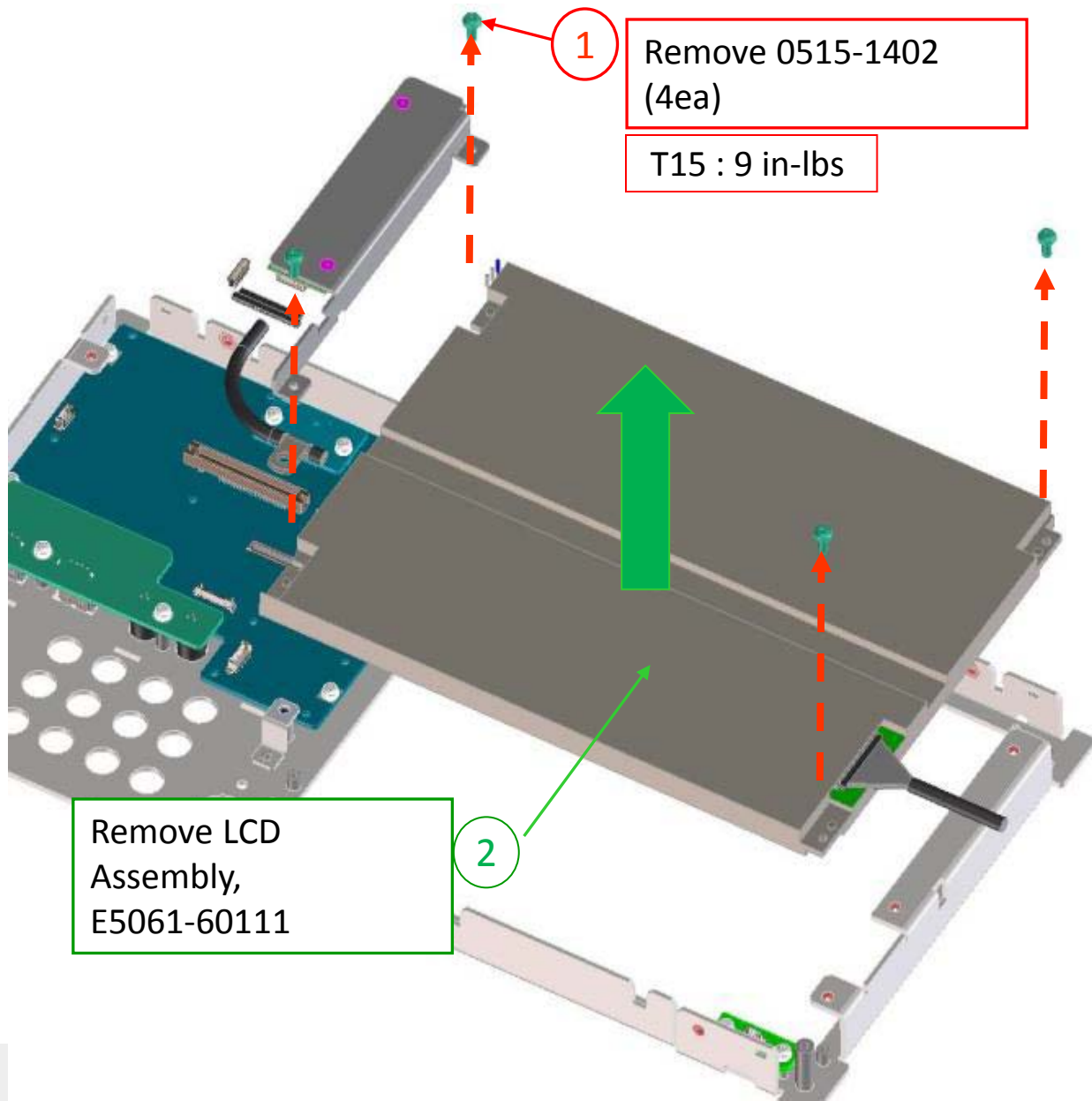
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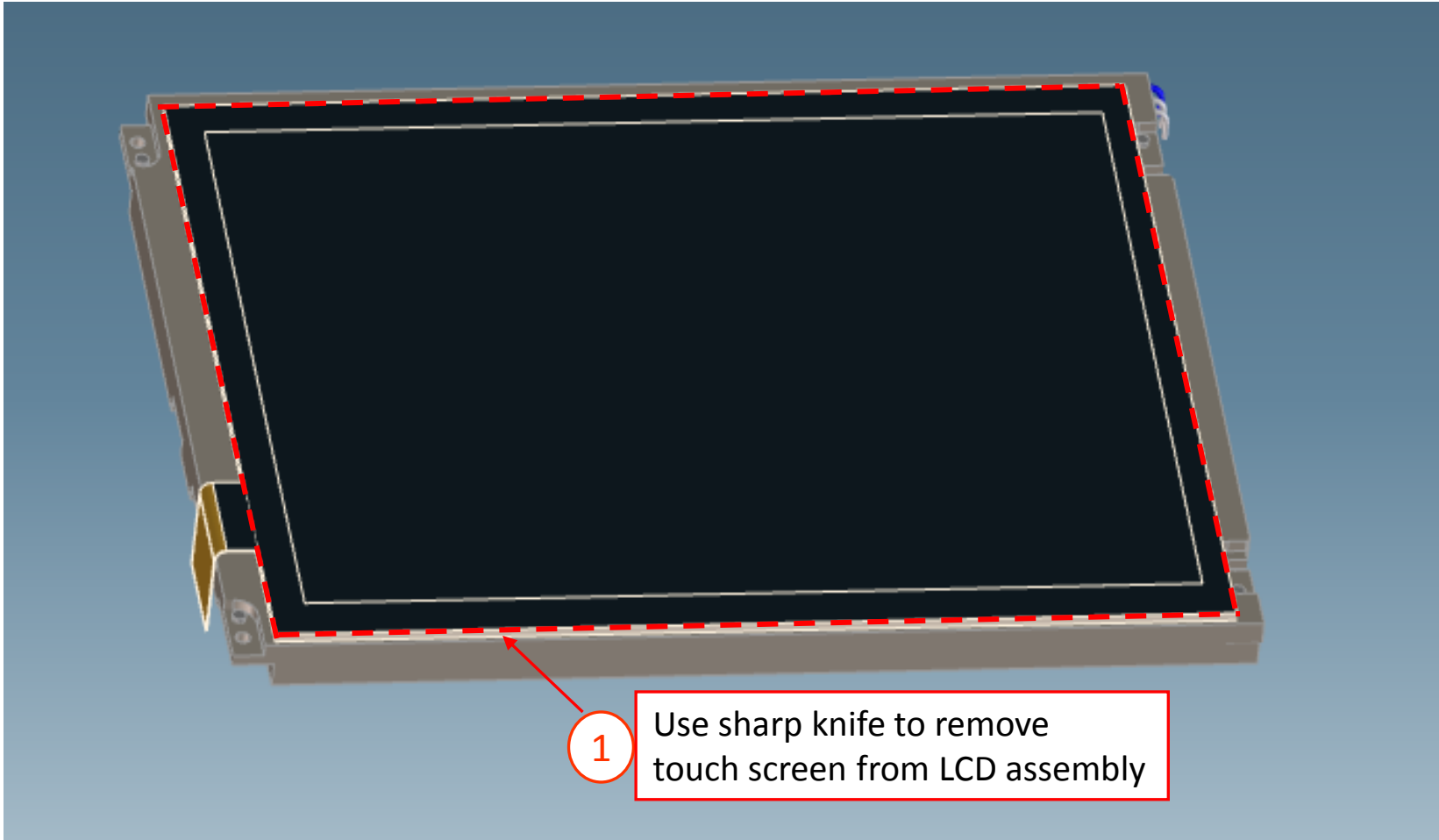
Disconnect E5072-61625 cable

4

T20 : 21in-lbs

1 2 3 4 5





1

Use sharp knife to remove touch screen from LCD assembly

1 2

Removable Hard Disk Dis-Assembly Procedure (For Option 017 only)

Note:

1. Torque value shown in this document is only for reference and only used during assembly.

Turn Anti-Clock Wise to Loosen

2

Push Button to push out R-HDD from HDD's Receiver Frame

3

Use hand to pull out R-HDD

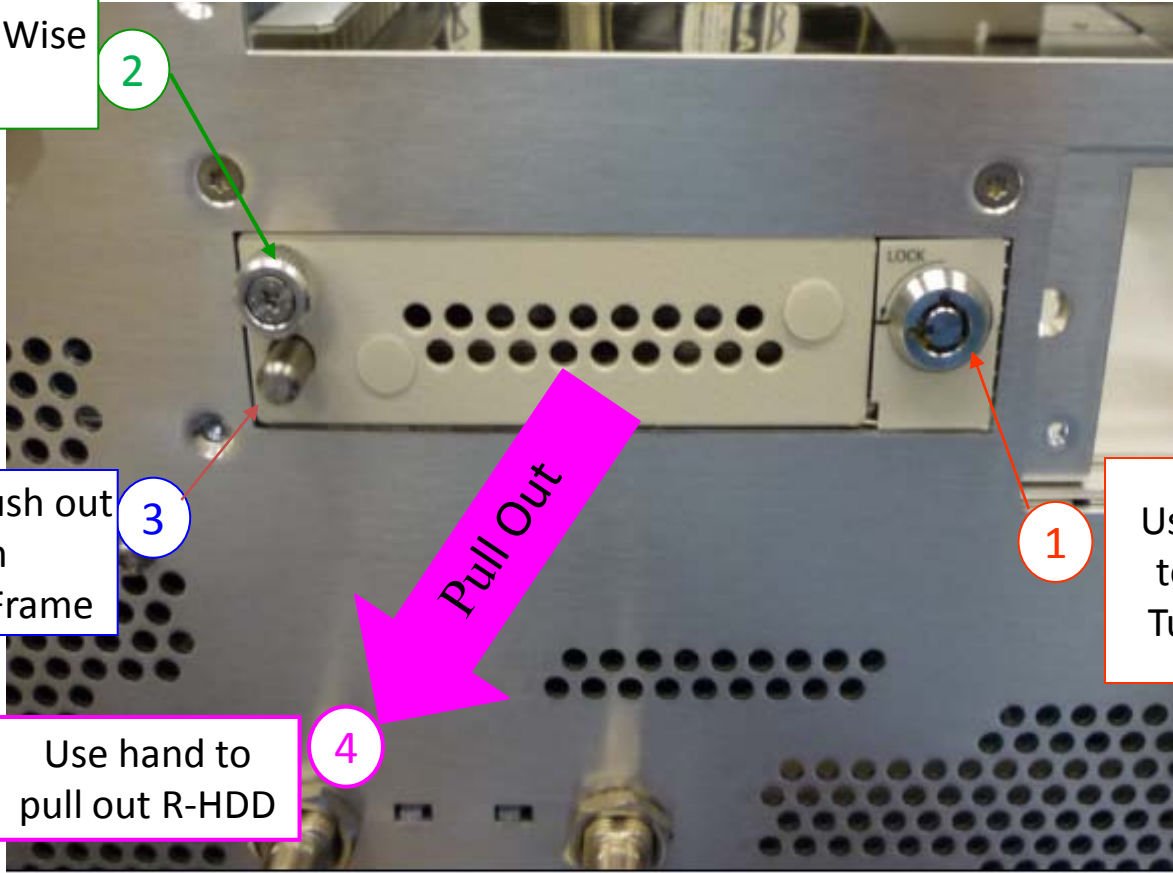
4

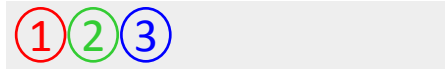
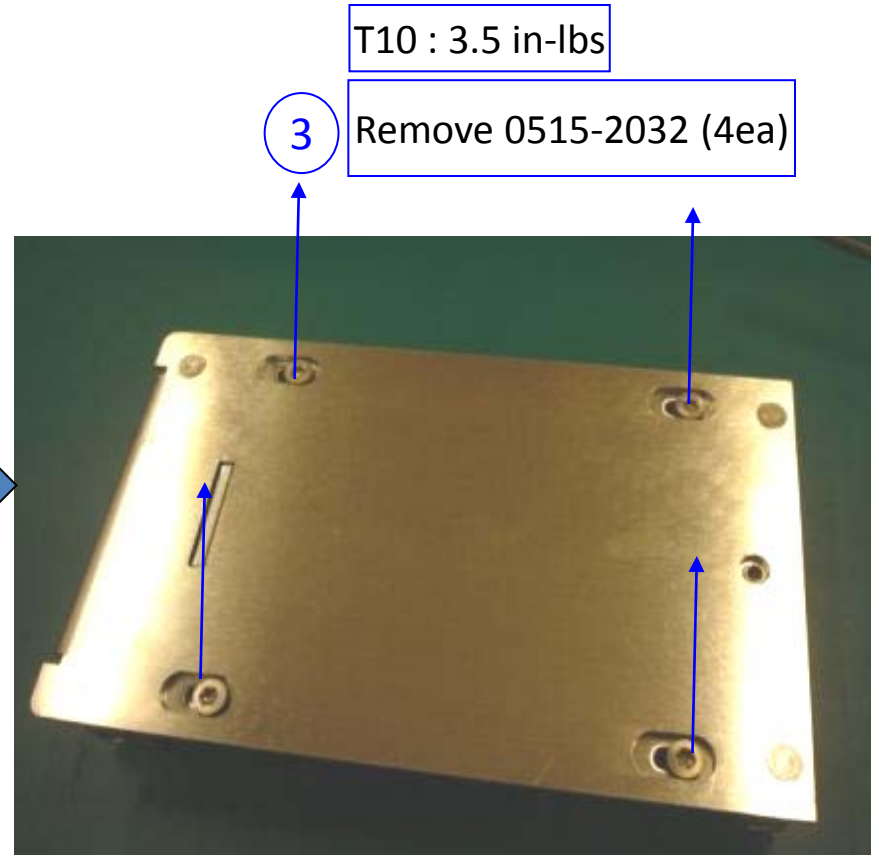
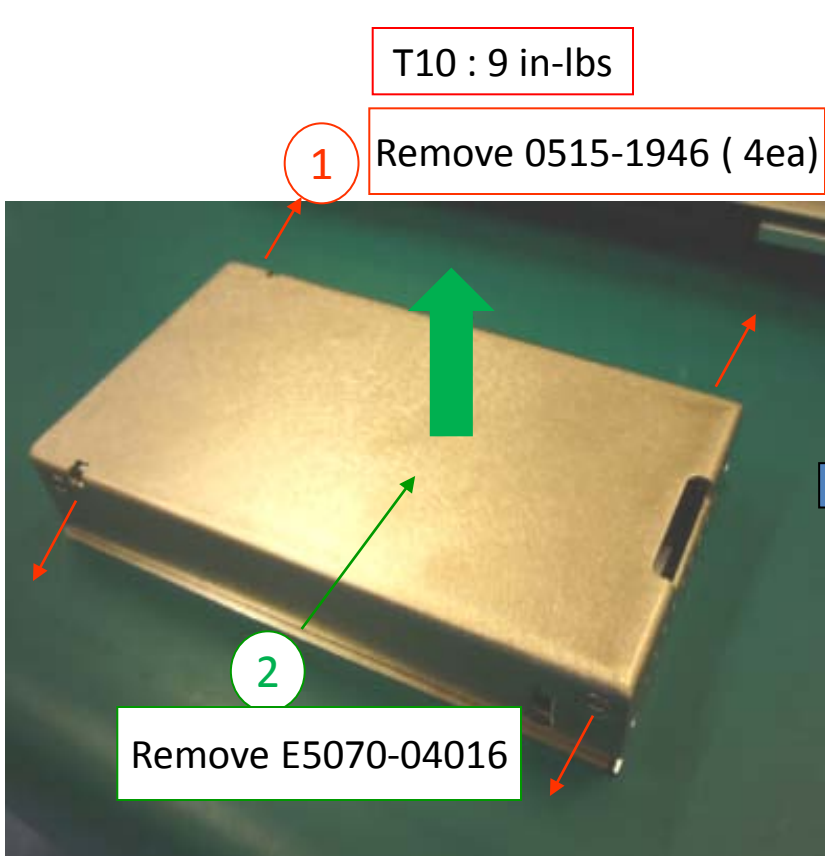
Use Key 1390-1375, to unlock HDD by Turning Clock Wise

1

Pull Out

1 2 3 4





1

Remove HDD, **0950-5263**
from **E5070-00666**



Remove **E5070-66648**
from HDD, **0950-5263**

2



1 2 3 4

Standard Hard Disk Dis-Assembly Procedure (For Option 019 only)

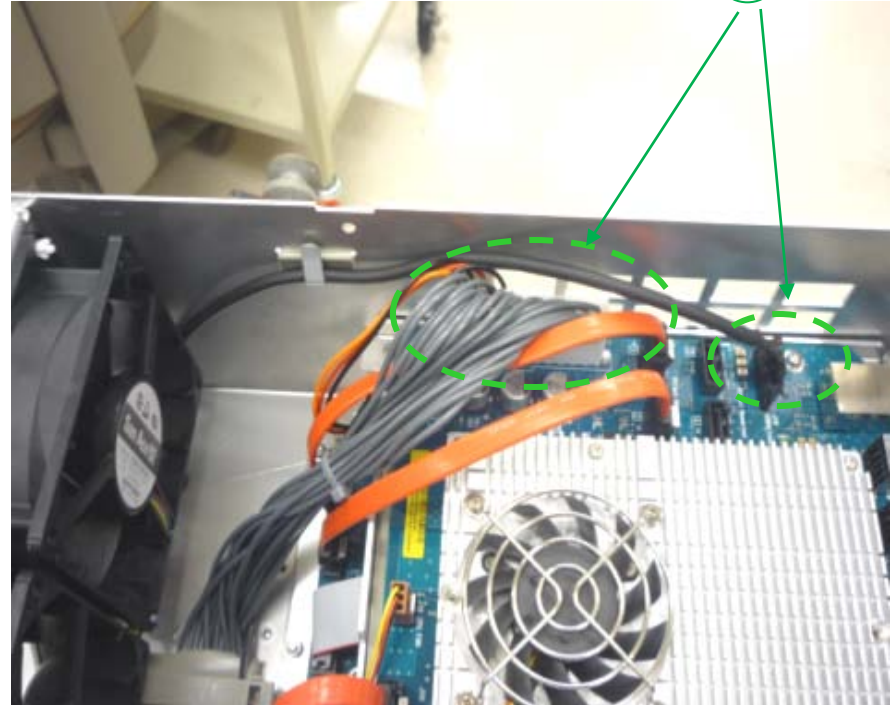
Note:

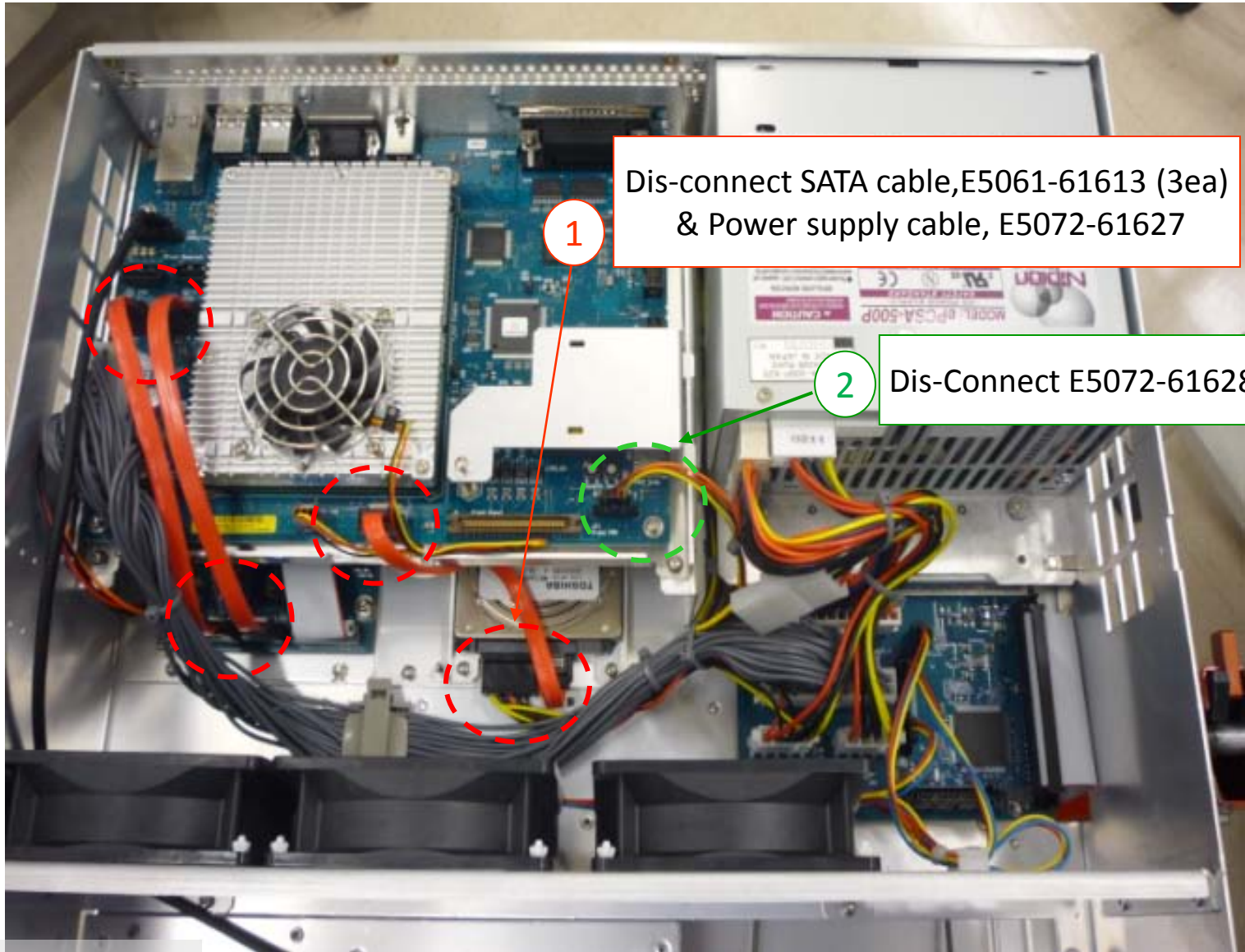
1. Torque value shown in this document is only for reference and only used during assembly.

1
Disconnect Flat cable, E5072-61624
from CPU Motherboard



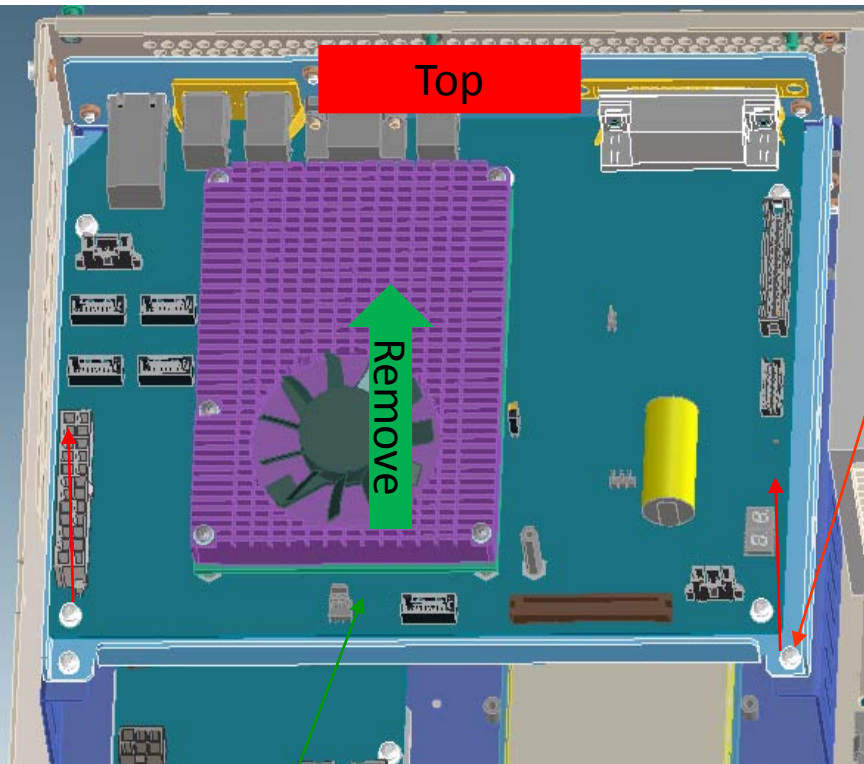
2
Disconnect USB cable, E5061-61652
& power supply cable, E5072-61621





Dis-connect SATA cable, E5061-61613 (3ea)
& Power supply cable, E5072-61627

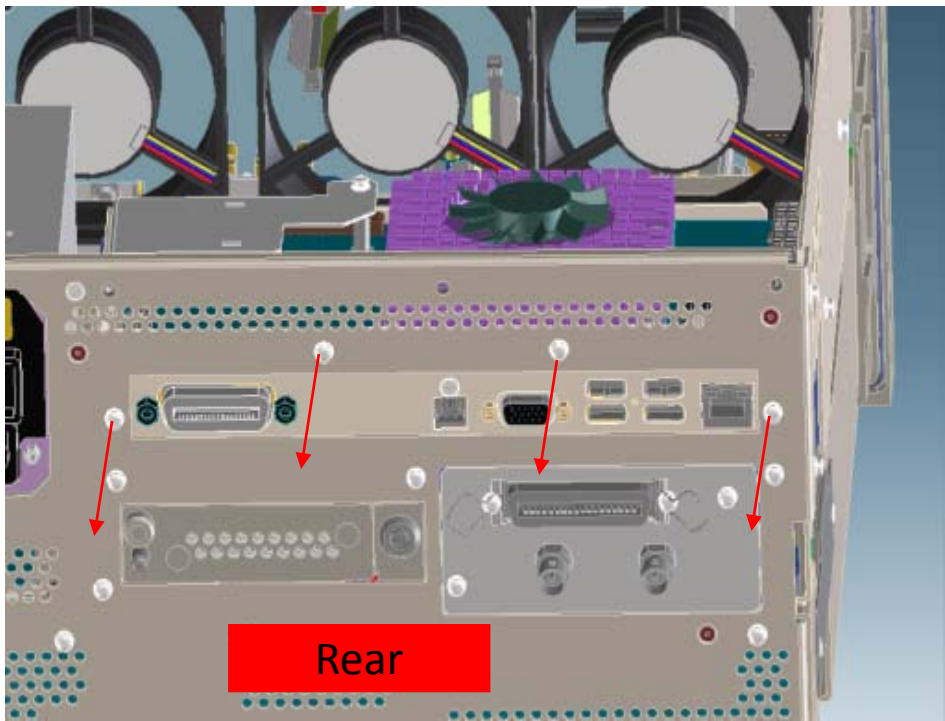
Dis-Connect E5072-61628



2 Remove E5072-62050,
CPU Module Assembly

1

T10 : 9 in-lbs
Remove 0515-0430 (6 ea)



1 2

Remove HDD Assembly's Holder

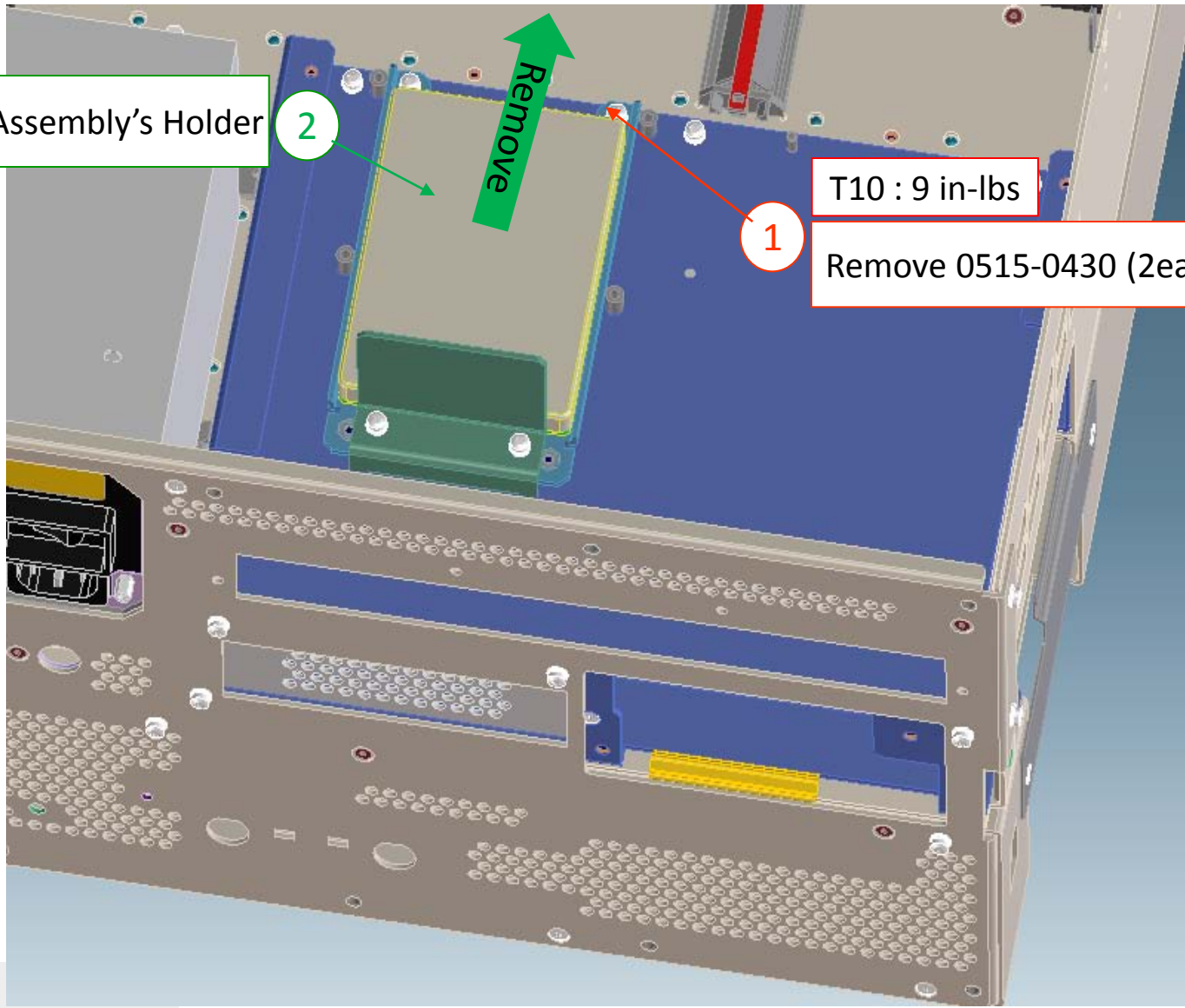
2

Remove

T10 : 9 in-lbs

1

Remove 0515-0430 (2ea)

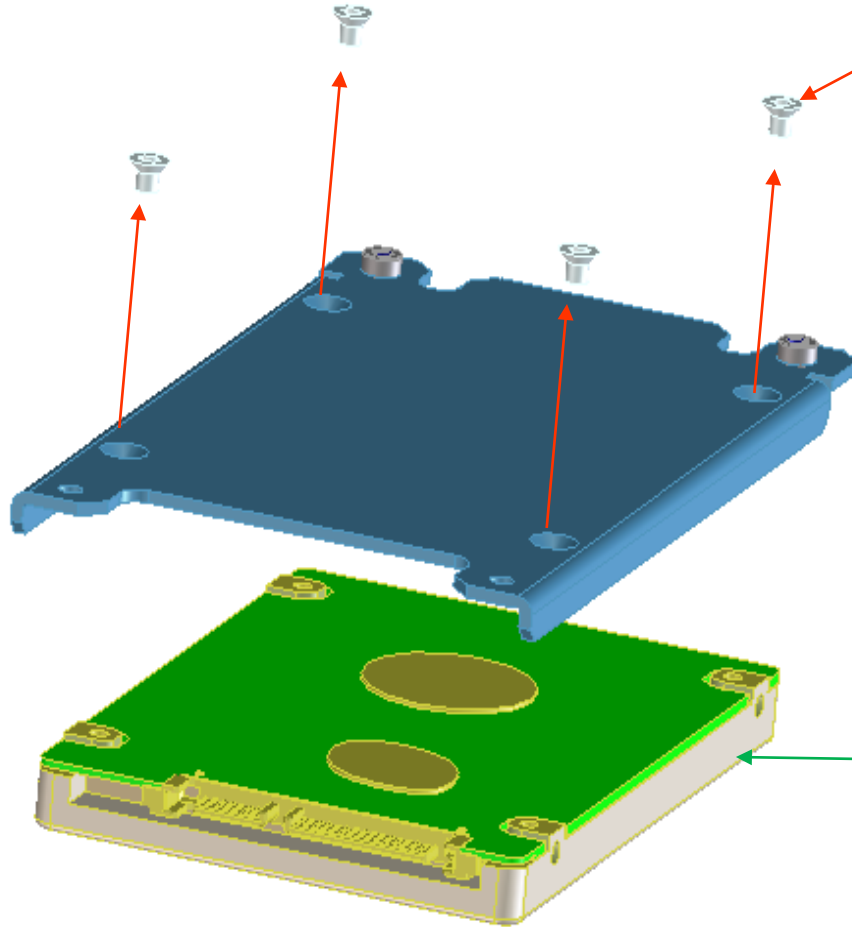


1 2

T10 : 3.5 in-lbs

1

Remove 0515-2146 (4ea)



2

Remove HDD, 0950-5263

1 2

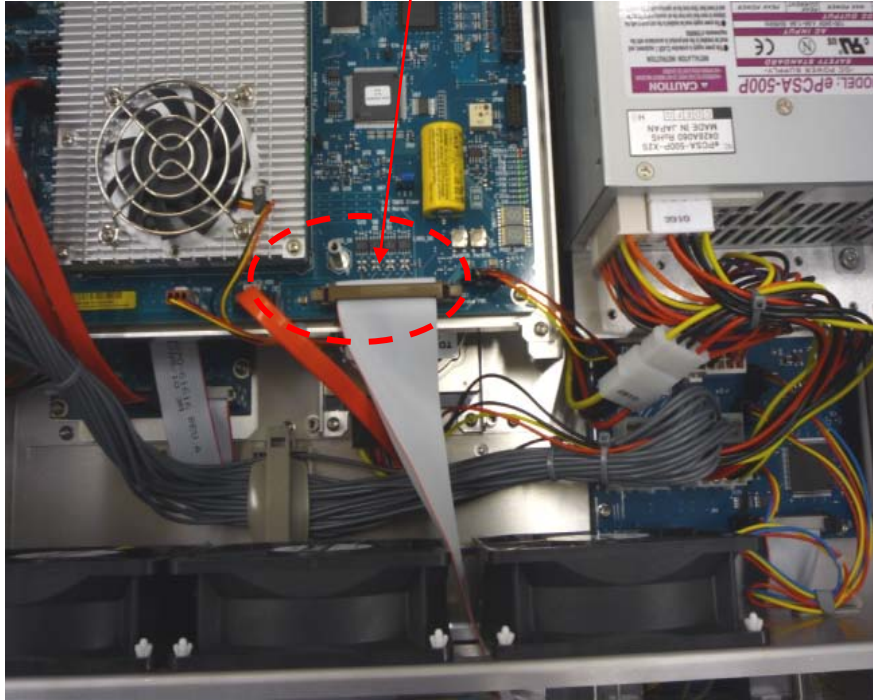
A50 CPU Module (E5072-62050)

Dis-Assembly Procedure

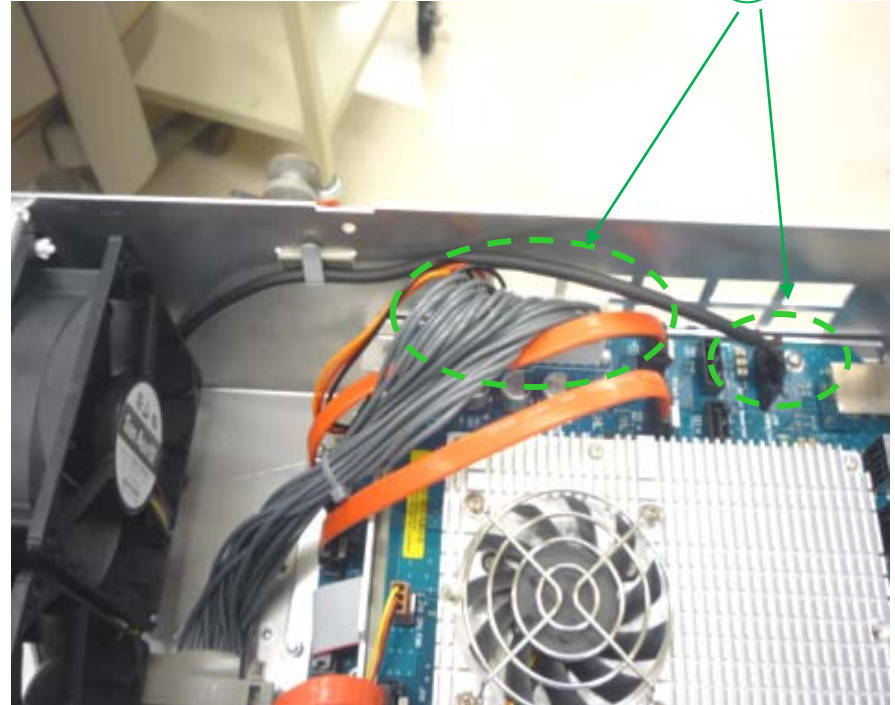
Note:

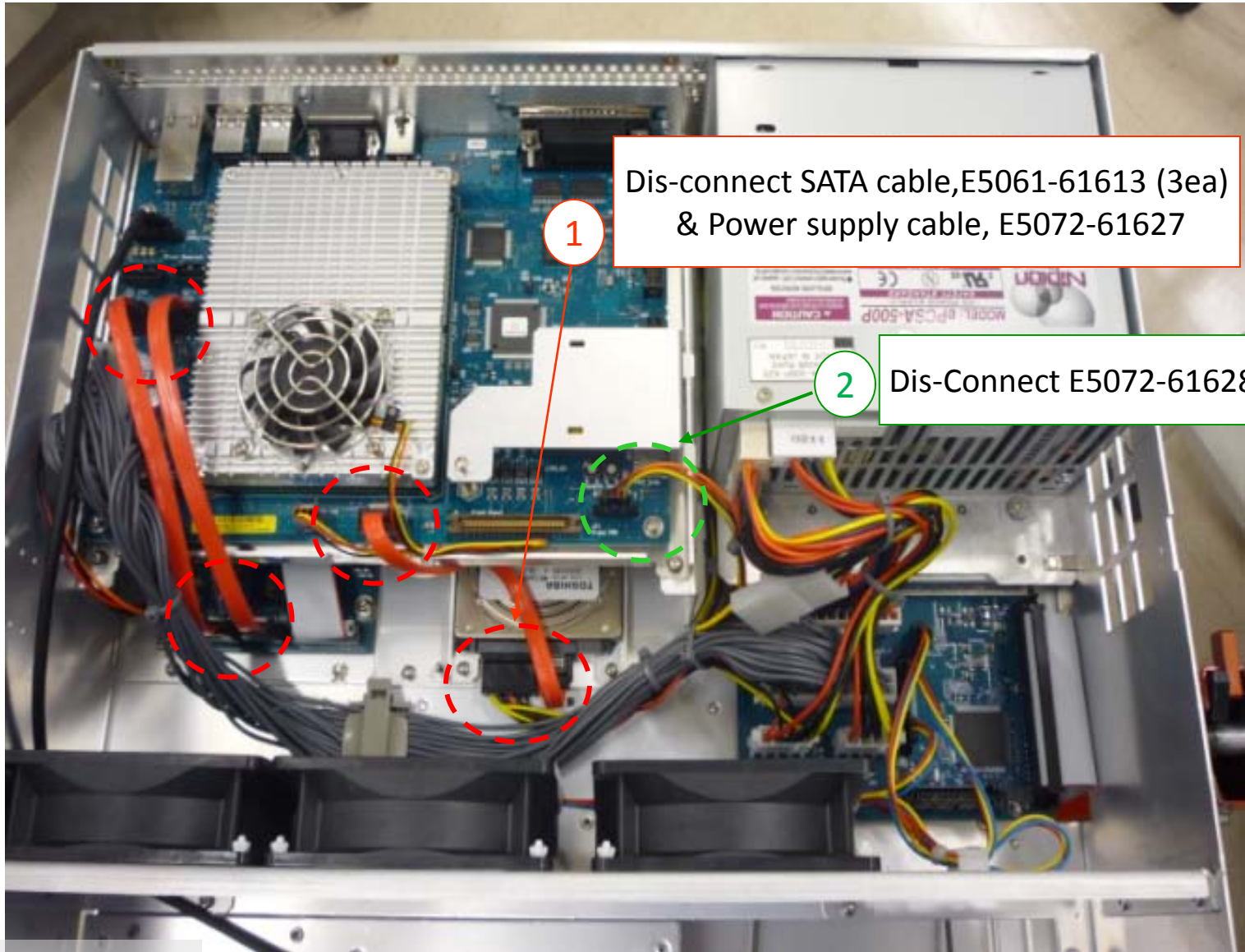
1. Torque value shown in this document is only for reference and only used during assembly.

1
Disconnect Flat cable, E5072-61624
from CPU Motherboard



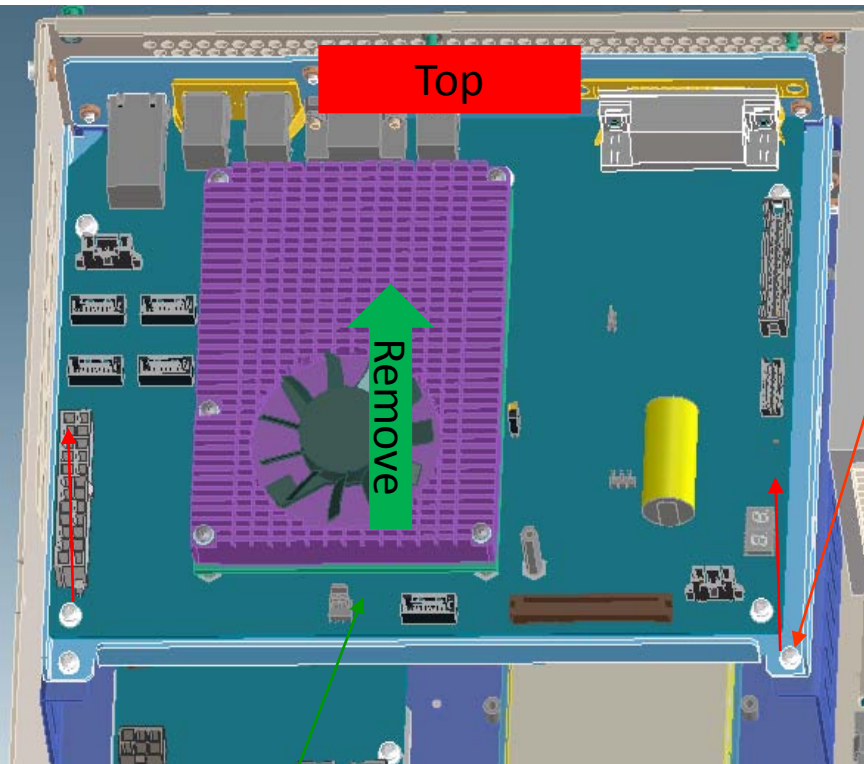
2
Disconnect USB cable, E5061-61652
& power supply cable, E5072-61621





Dis-connect SATA cable, E5061-61613 (3ea)
& Power supply cable, E5072-61627

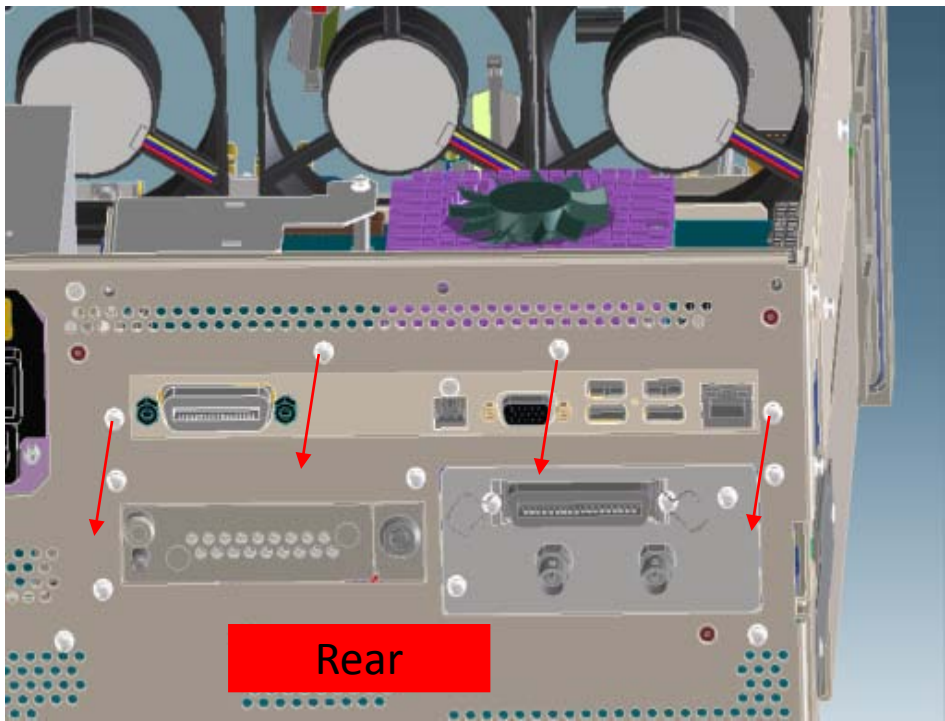
Dis-Connect E5072-61628



2 Remove E5072-62050,
CPU Module Assembly

1

T10 : 9 in-lbs
Remove 0515-0430 (6 ea)

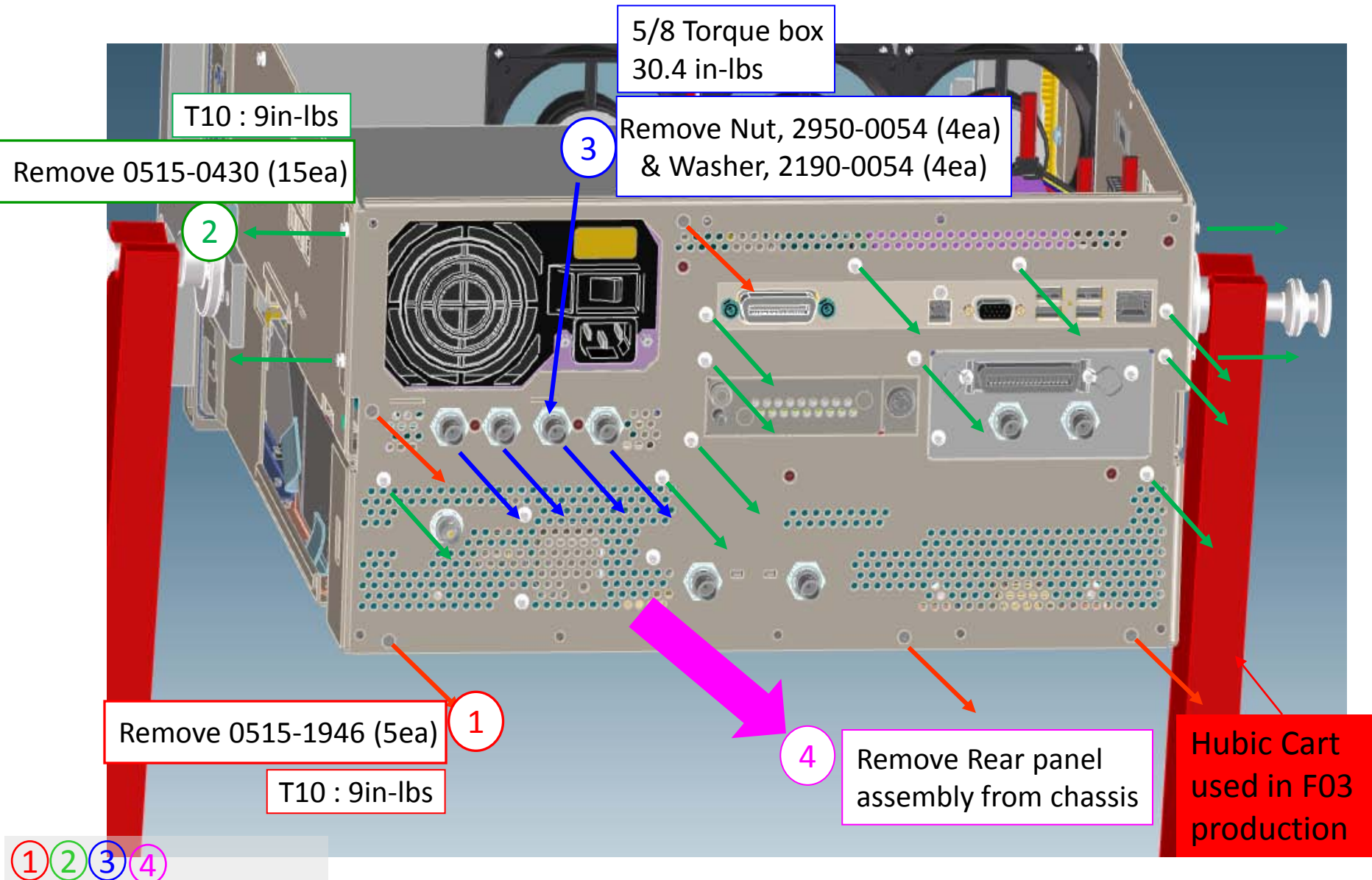


1 2

Oven (E5071-66605)
Dis-Assembly Procedure
(For Option 1E5 Only)

Note:

1. Torque value shown in this document is only for reference and only used during assembly.



5/8 Torque box
30.4 in-lbs

T10 : 9in-lbs

Remove 0515-0430 (15ea)

Remove Nut, 2950-0054 (4ea)
& Washer, 2190-0054 (4ea)

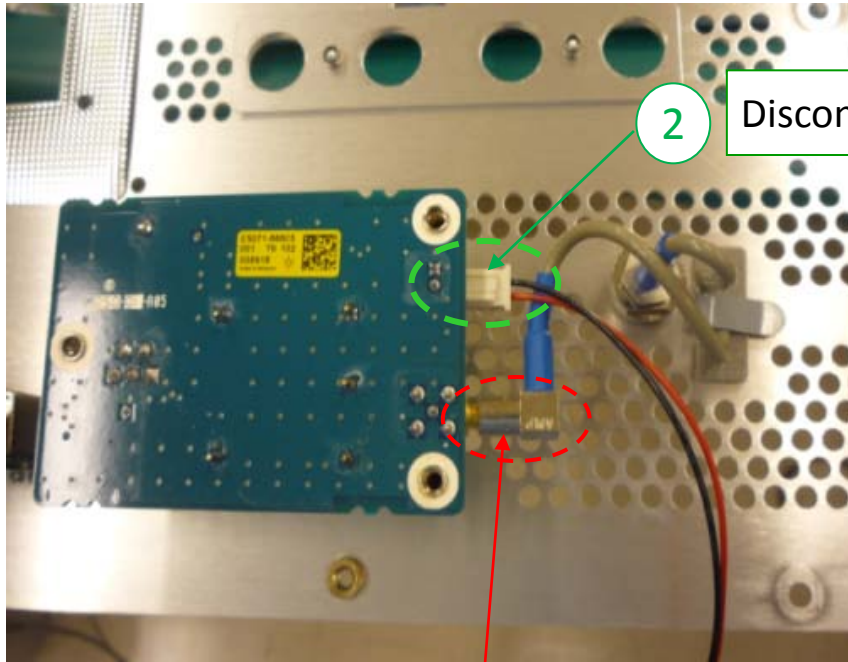
Remove 0515-1946 (5ea)

T10 : 9in-lbs

Remove Rear panel
assembly from chassis

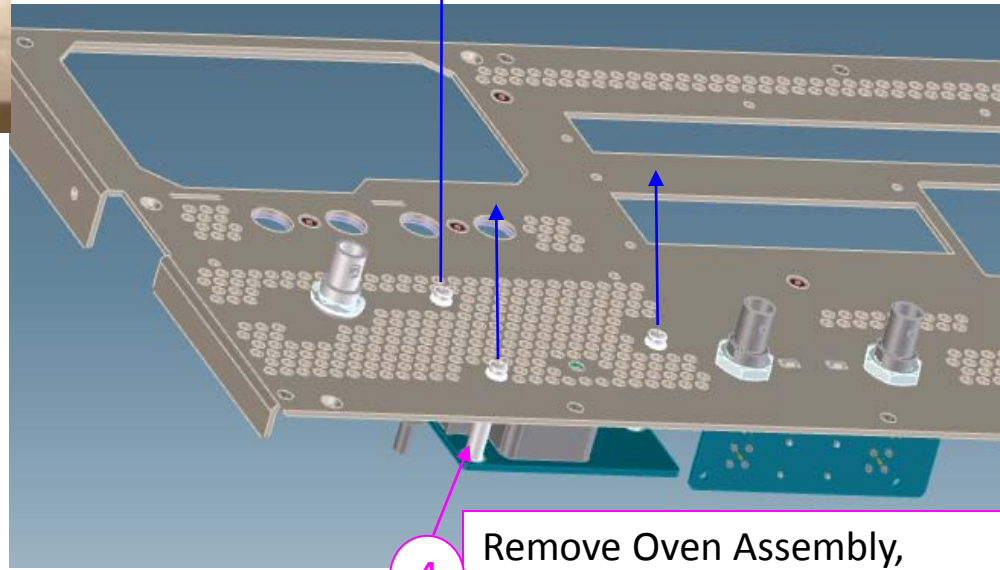
Hubic Cart
used in F03
production

- 1
- 2
- 3
- 4



2 Disconnect E5071-61602

1 Disconnect 43521-61622



T10 : 9 in-lbs

3 Remove 0515-0430 (3ea)

4 Remove Oven Assembly, E5071-66605 from rear panel

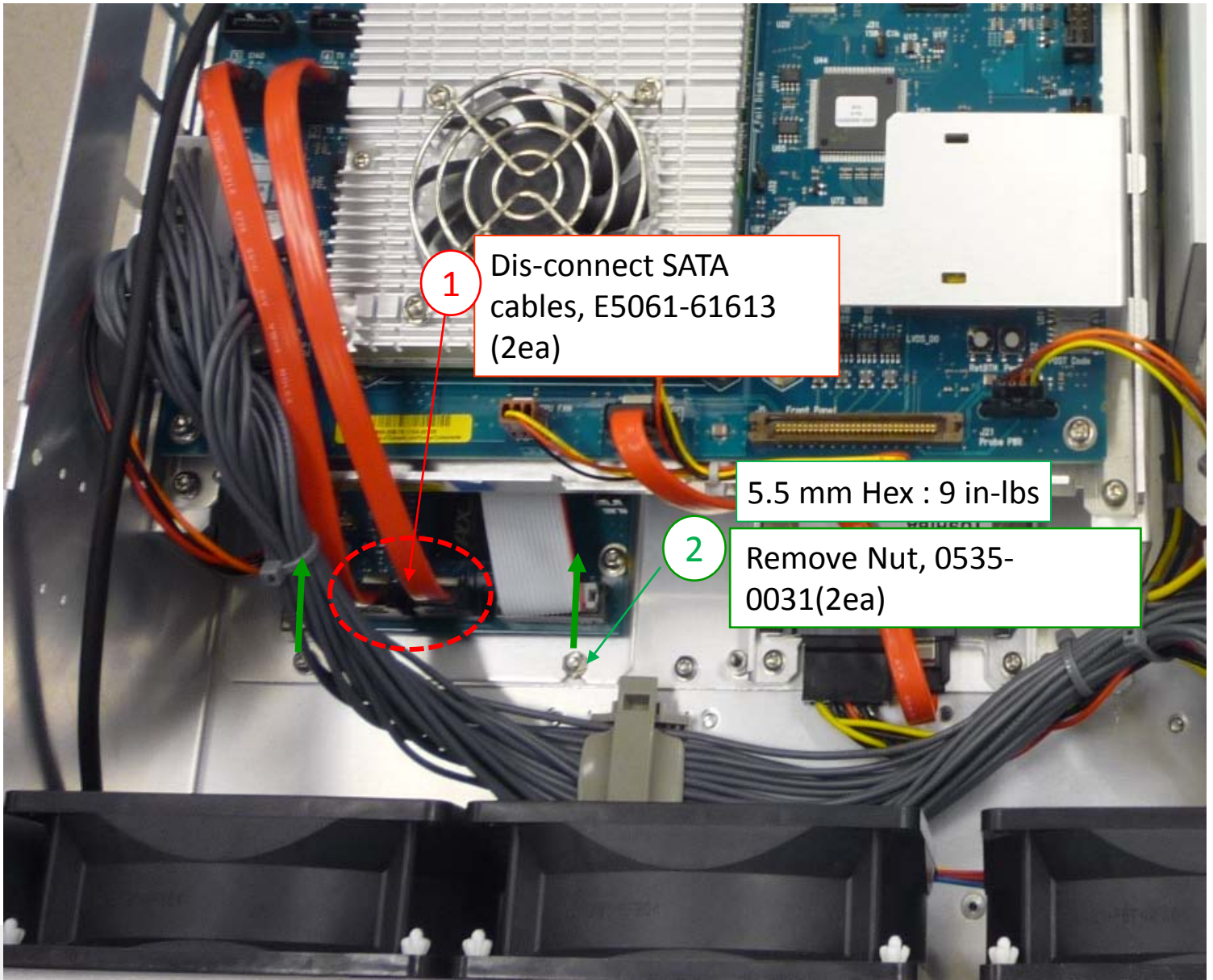
- 1
- 2
- 3
- 4

A61, DSP Board (E5070-66661)

Dis-Assembly Procedure

Note:

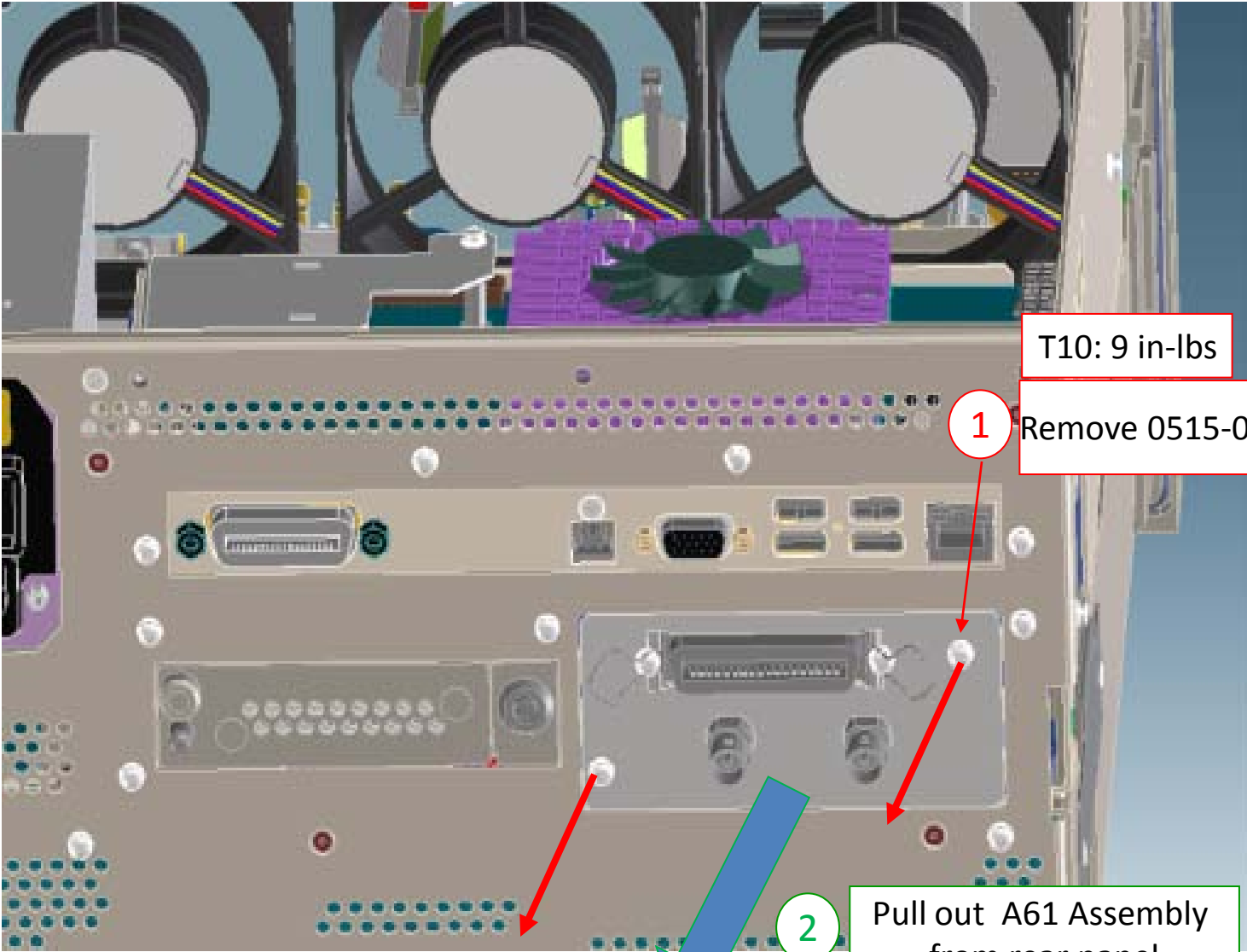
1. Torque value shown in this document is only for reference and only used during assembly.



1 Dis-connect SATA cables, E5061-61613 (2ea)

5.5 mm Hex : 9 in-lbs

2 Remove Nut, 0535-0031(2ea)

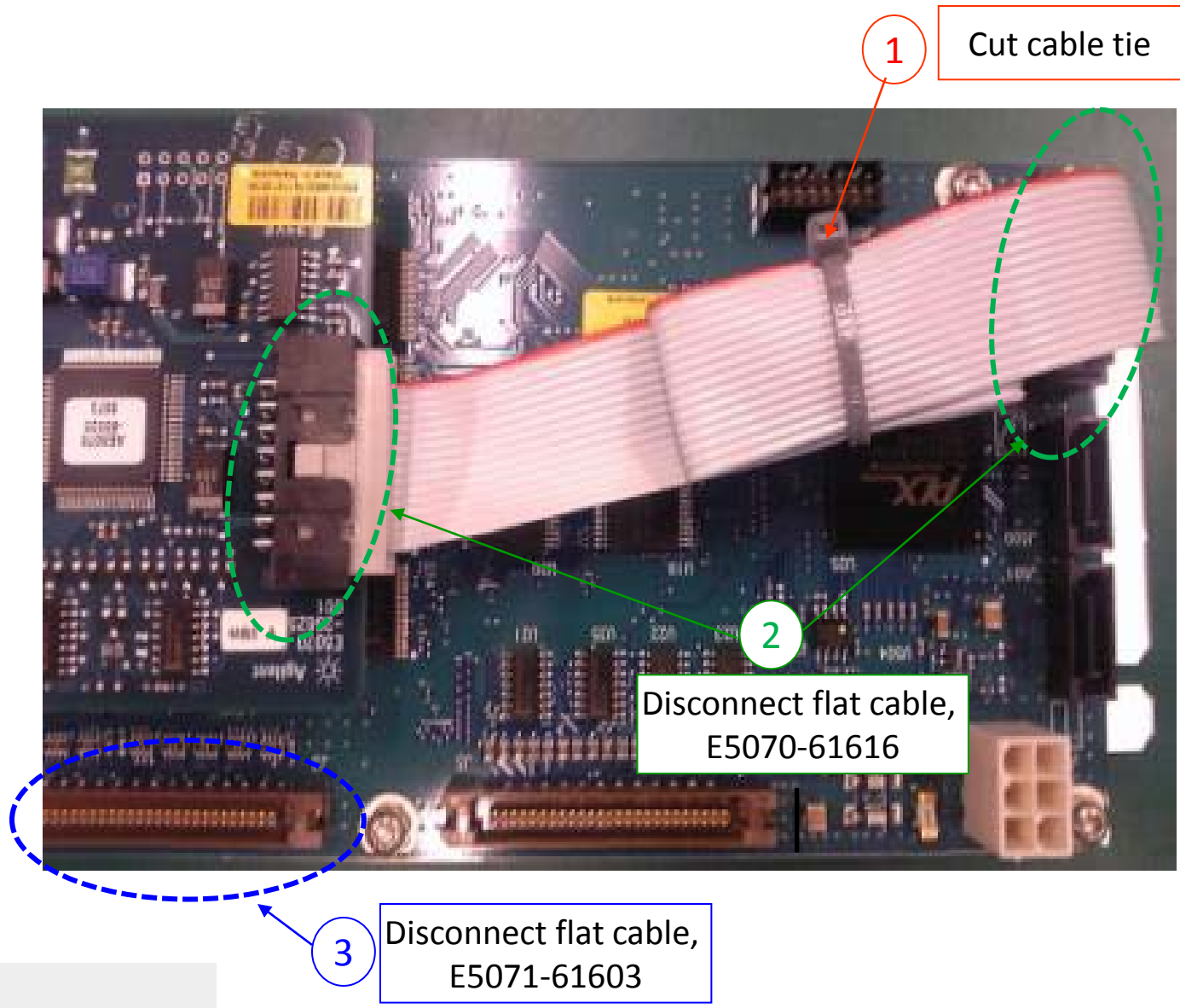


T10: 9 in-lbs

1 Remove 0515-0430 (2ea)

2 Pull out A61 Assembly from rear panel

1 2



1

Cut cable tie

2

Disconnect flat cable,
E5070-61616

3

Disconnect flat cable,
E5071-61603

1 2 3

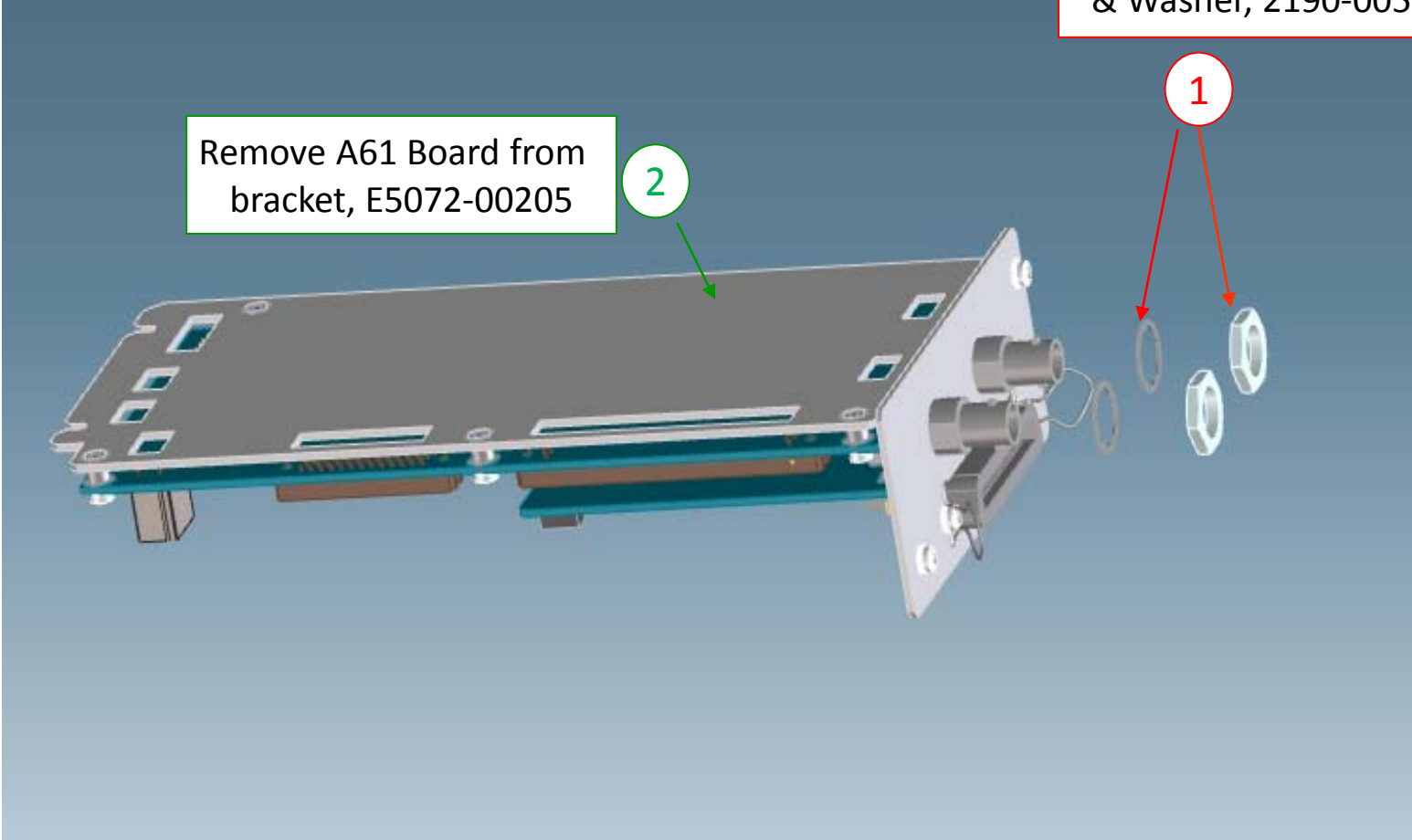
5/8 Torque box
30.4 in-lbs

Remove Nut, 2950-0054 (2ea)
& Washer, 2190-0054 (2ea)

Remove A61 Board from
bracket, E5072-00205

2

1



1 2

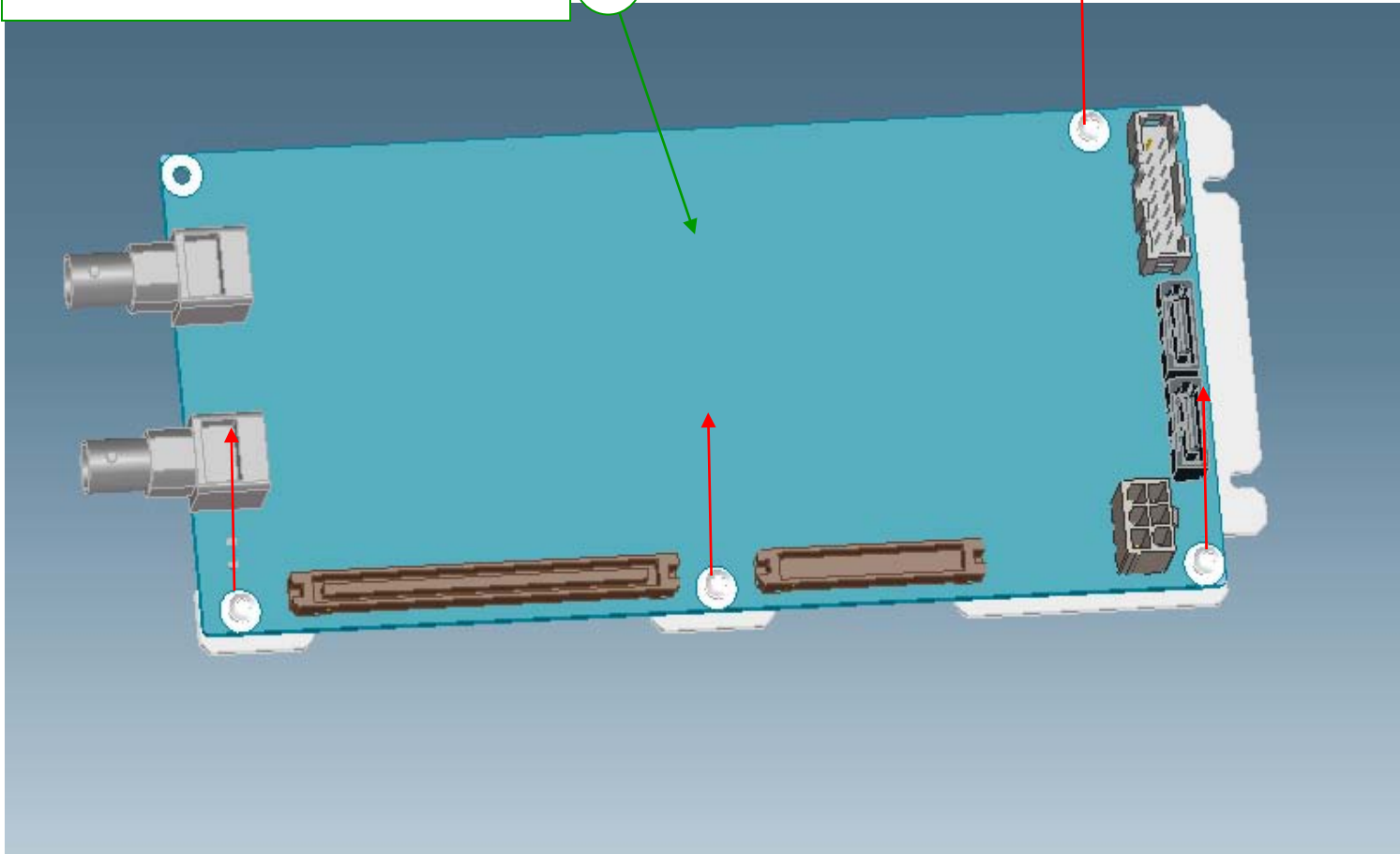
T10 : 9 in-lbs

1 Remove 0515-0430 (4ea)

Remove A61 Board, E5070-66661

2

1



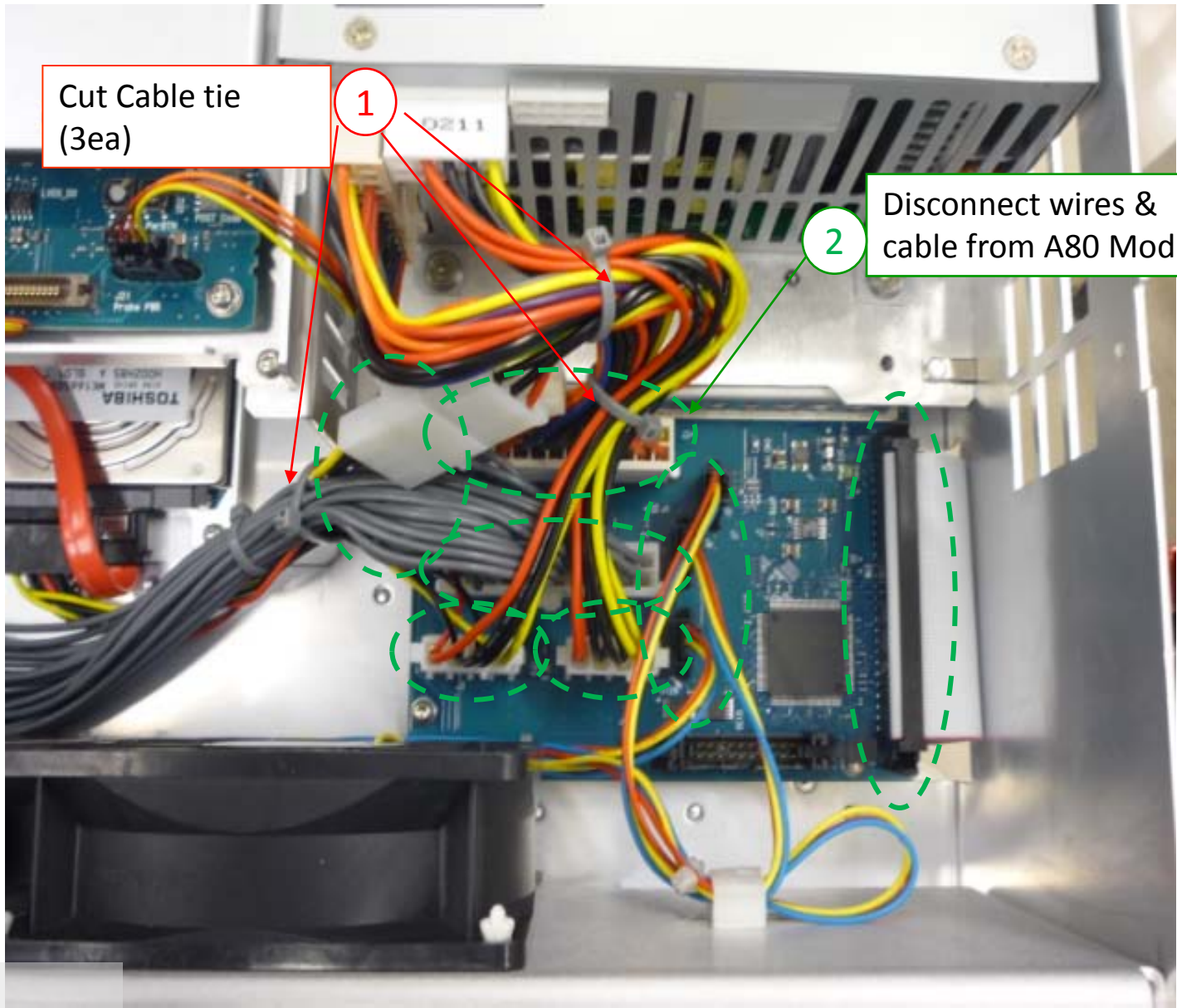
1 2

A80, Analog Base Module (E5072-61080)

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.



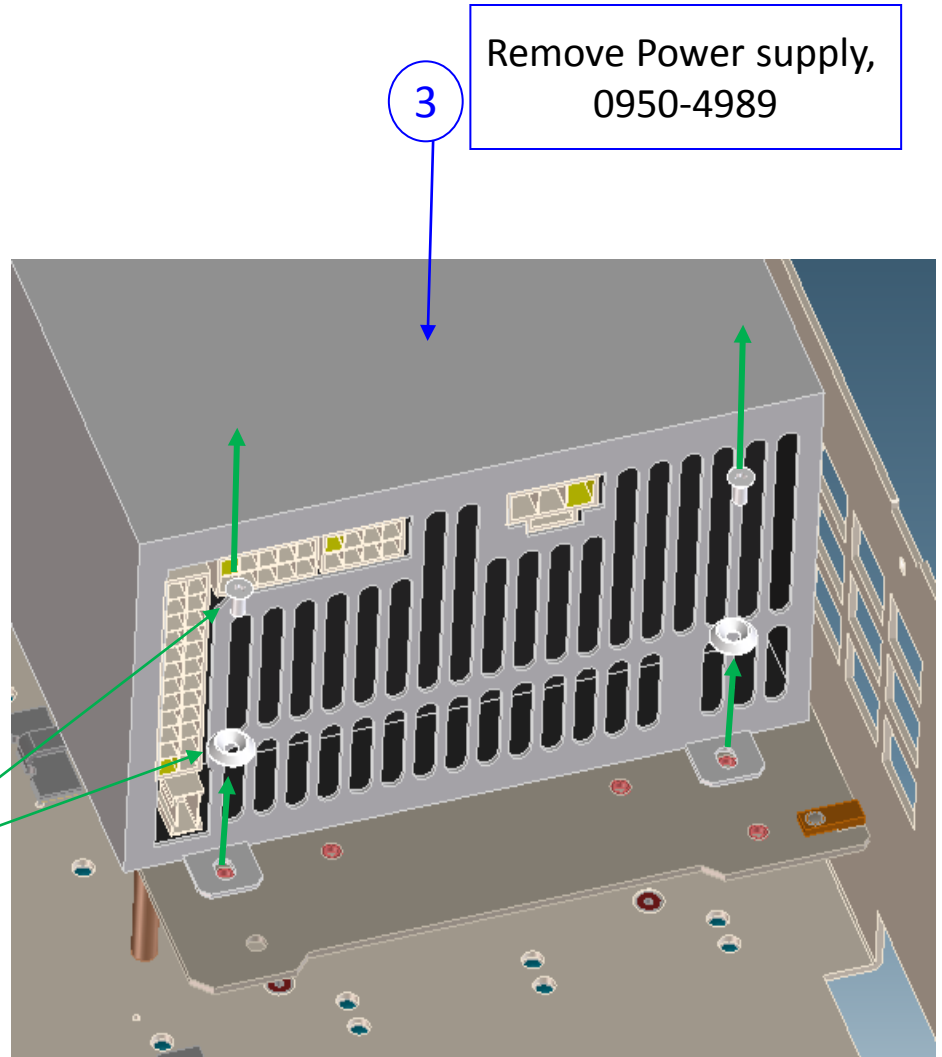
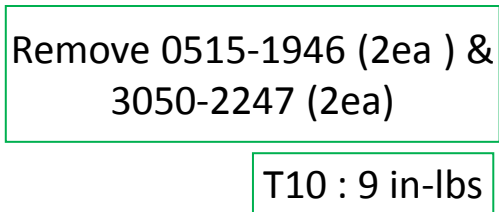
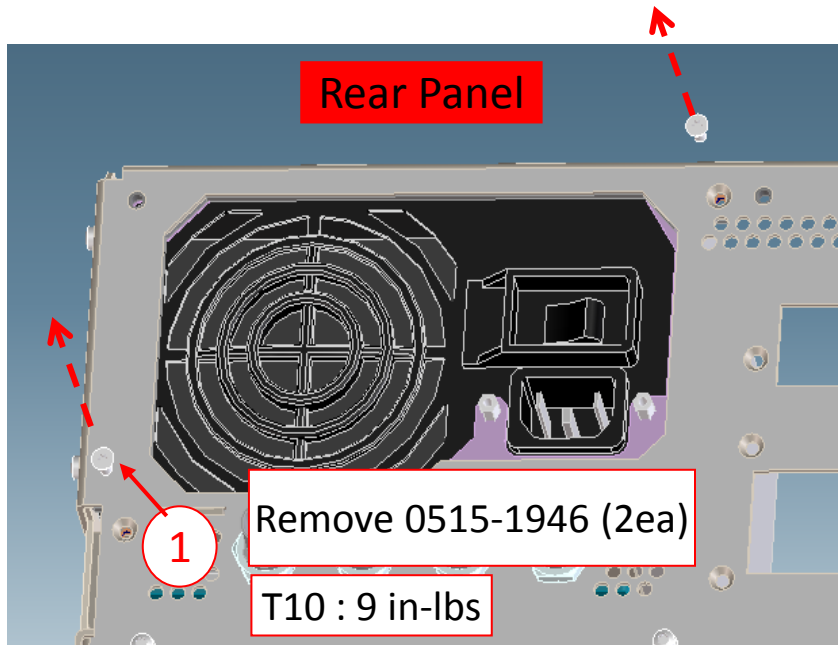
Cut Cable tie
(3ea)

1

Disconnect wires &
cable from A80 Module

2

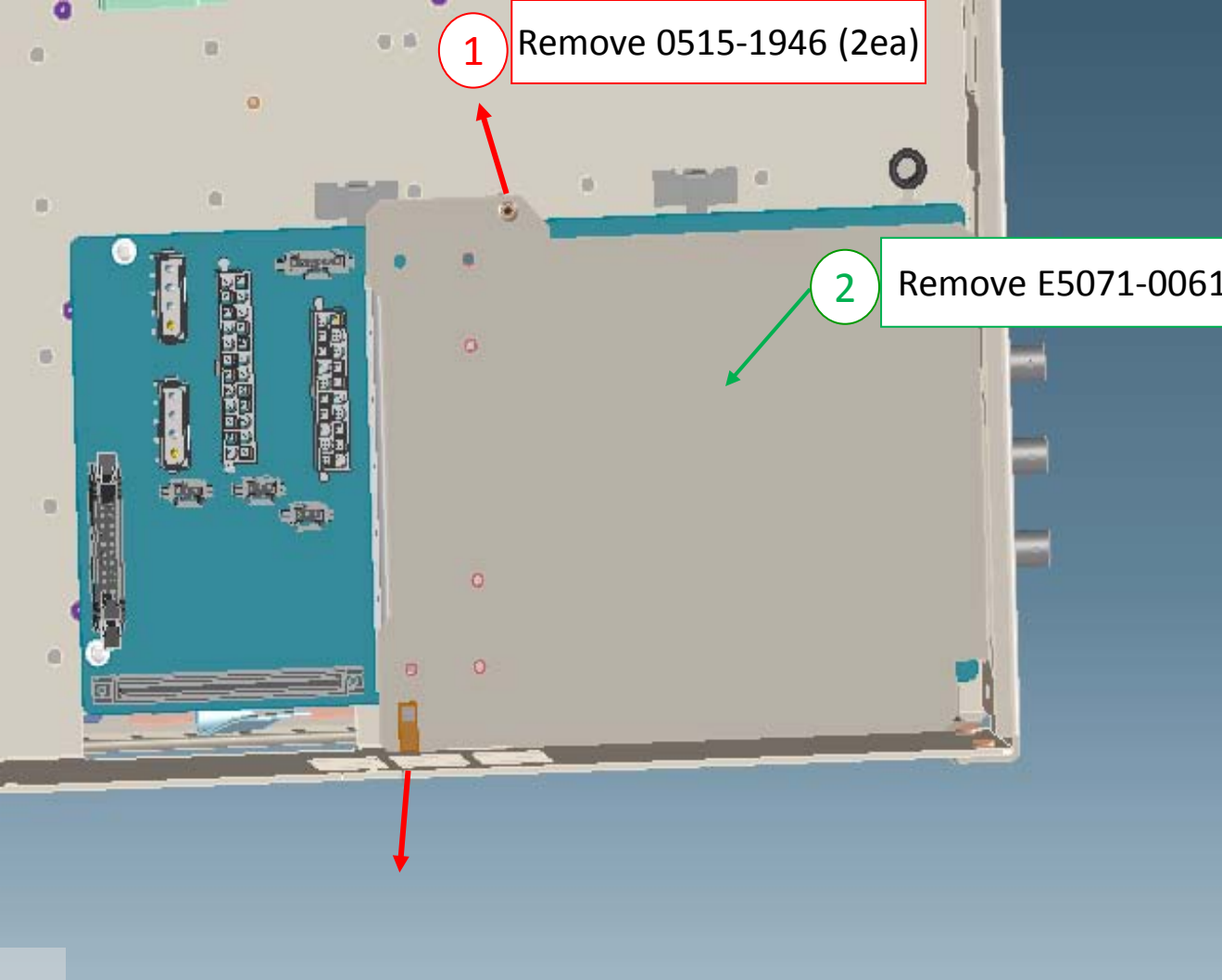
1 2



T10 : 9 in-lbs

1 Remove 0515-1946 (2ea)

2 Remove E5071-00612

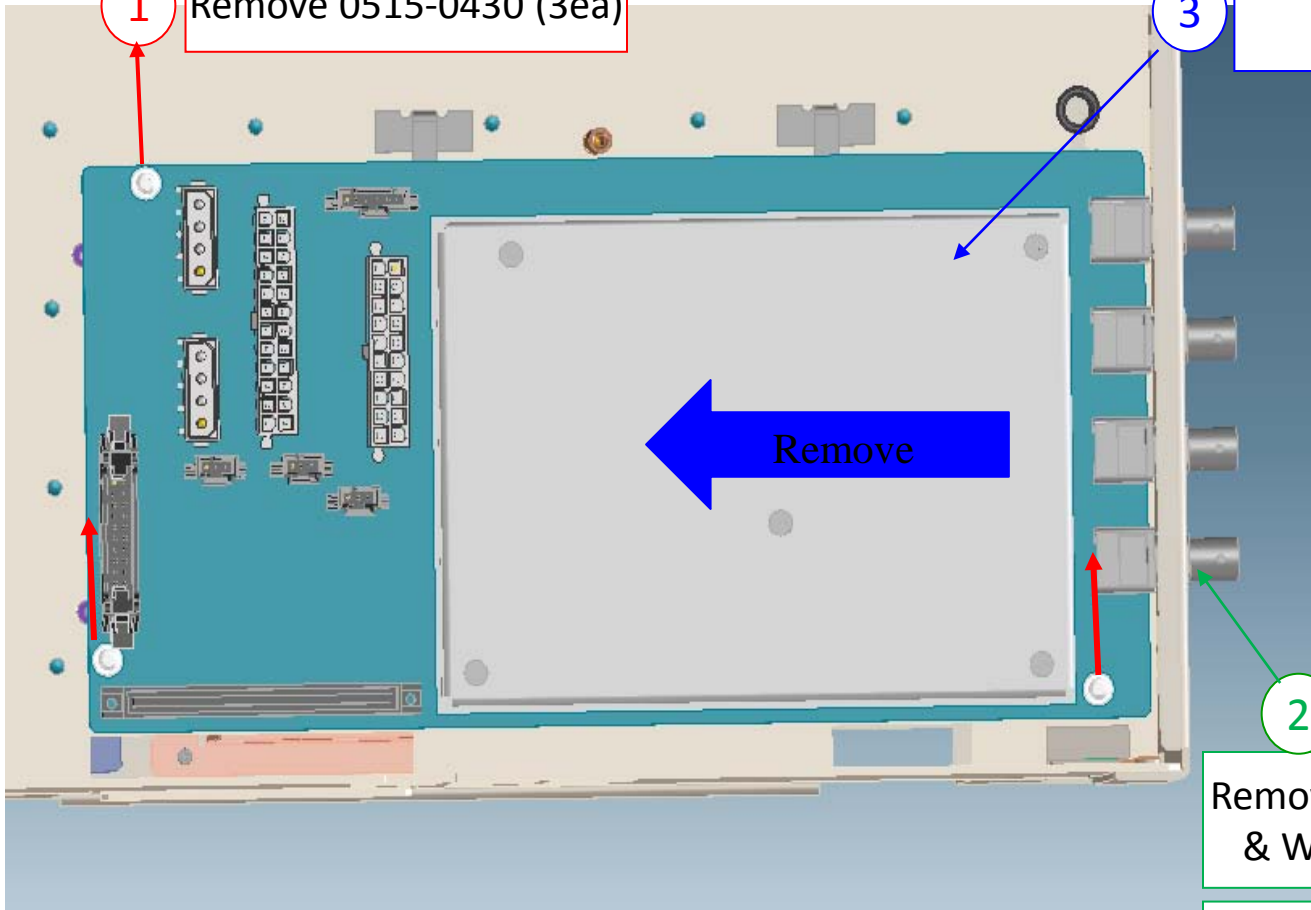


1 2

T10 : 9 in-lbs

1 Remove 0515-0430 (3ea)

3 Remove E5072-61080 from chassis



2 Remove Nut, 2950-0054 (4ea) & Washer 2190-0054 (4ea)

5/8 Torque box
30.4 in-lbs

1 2 3

LEVEL VERNIER MODULE, A82 (E5071-62183),
SYNTHESIZER MODULE, A91 (E5071-62191),
RECEIVER MODULE, A2 (E5072-62002),
LOCAL DISTRIBUTOR, A84 (E5072-61084)

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.

1 Remove 5041-9176

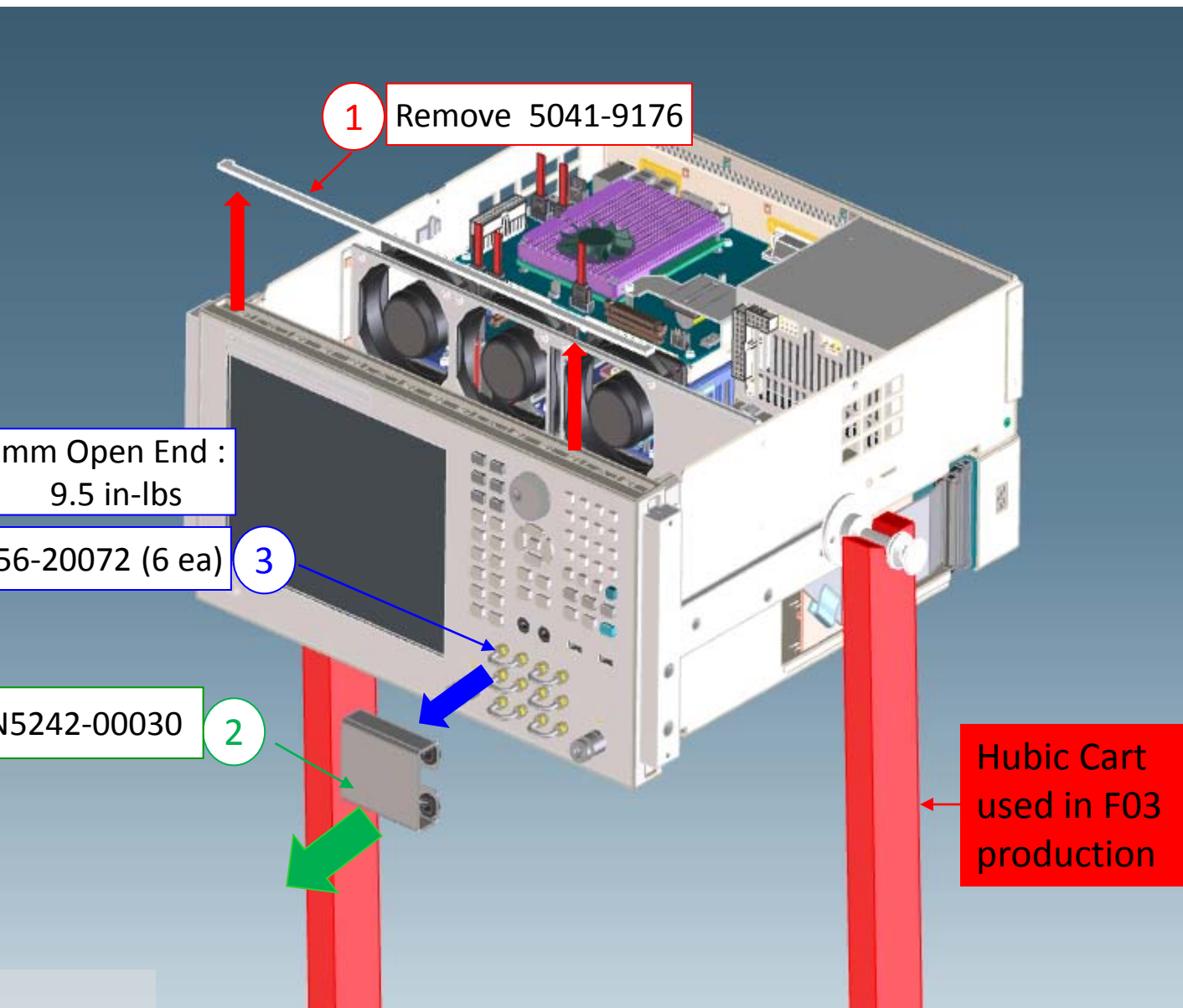
8mm Open End :
9.5 in-lbs

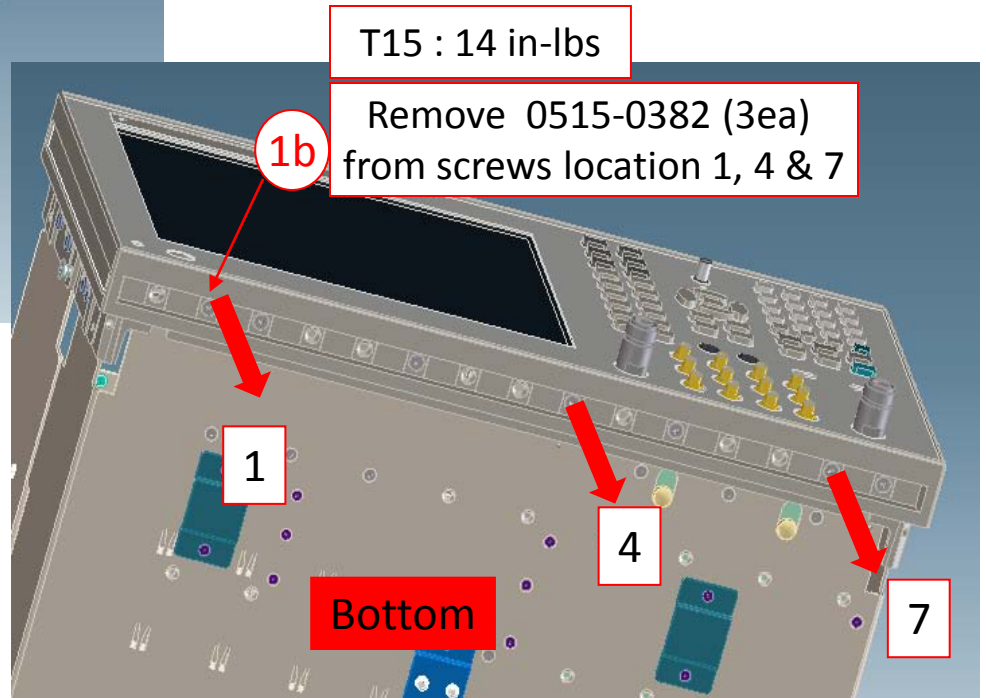
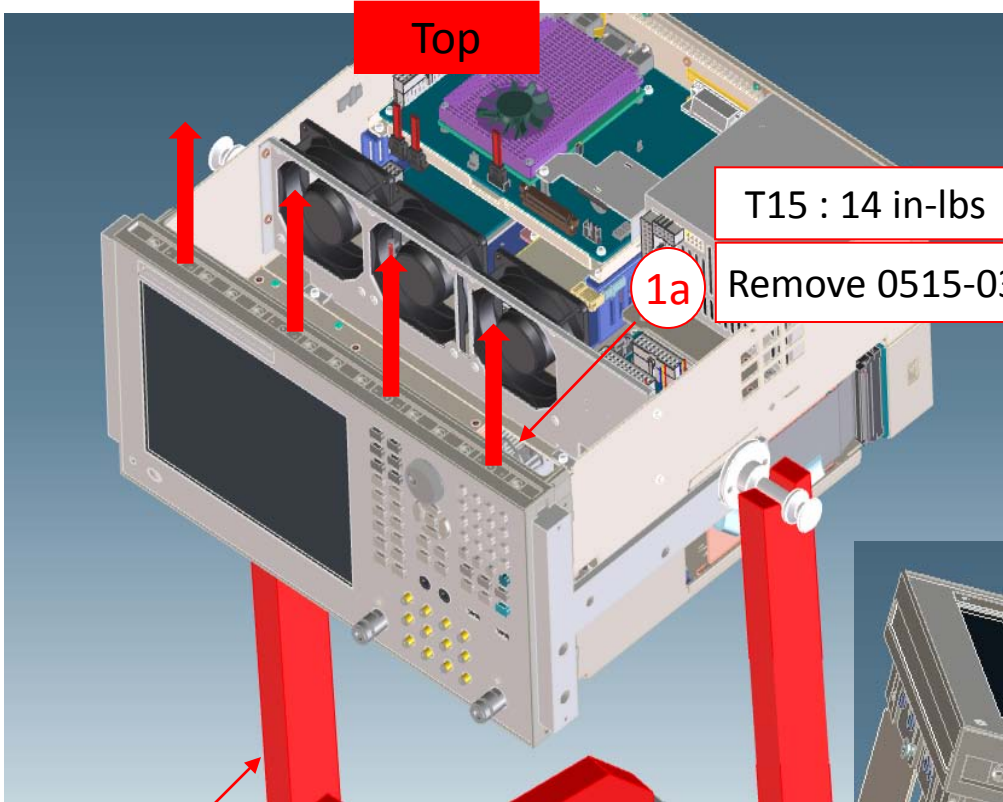
Remove E8356-20072 (6 ea) 3

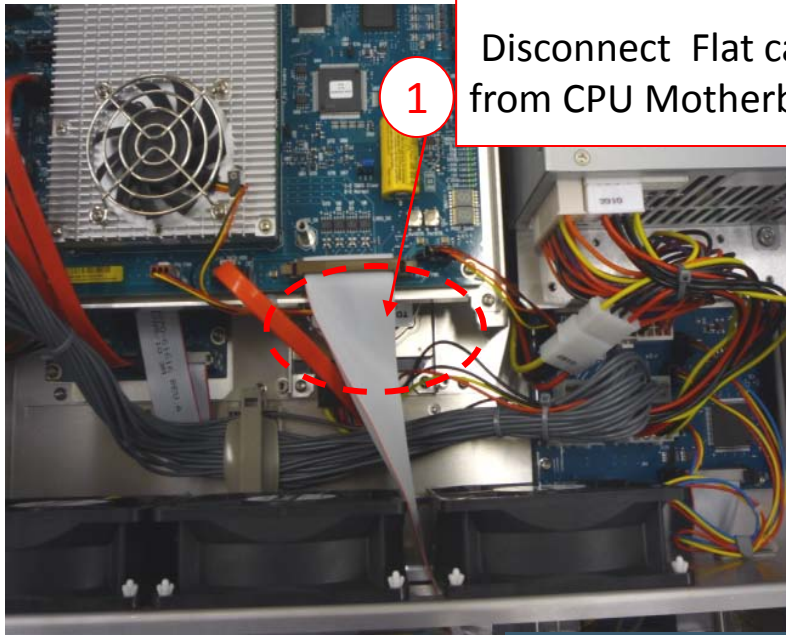
Remove N5242-00030 2

Hubic Cart
used in F03
production

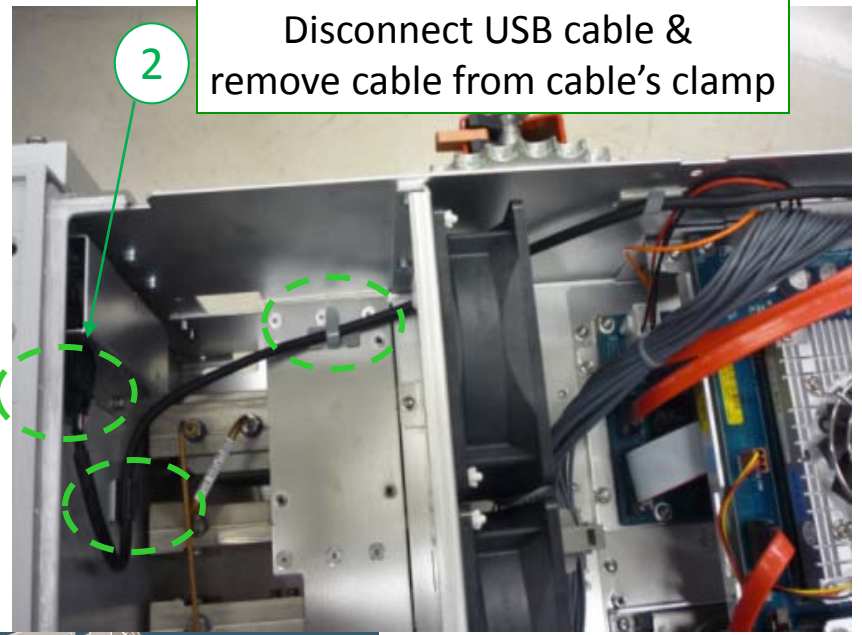
1 2 3



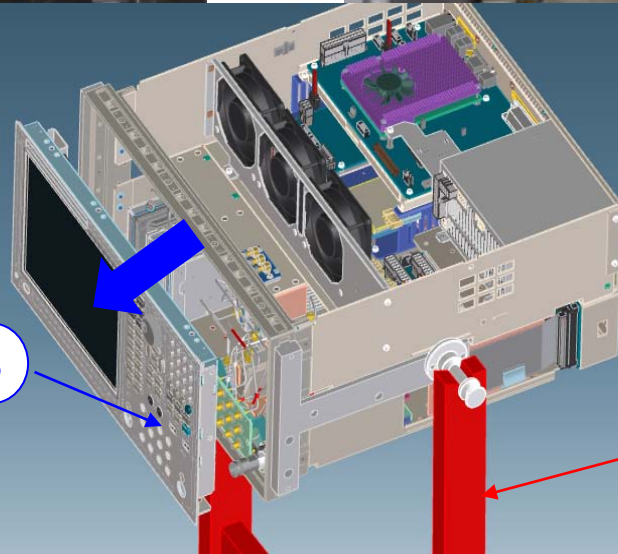




1 Disconnect Flat cable from CPU Motherboard



2 Disconnect USB cable & remove cable from cable's clamp



3 Slowly pull/remove Front frame Sub-assembly from Chassis

Hubic Cart used in F03 production

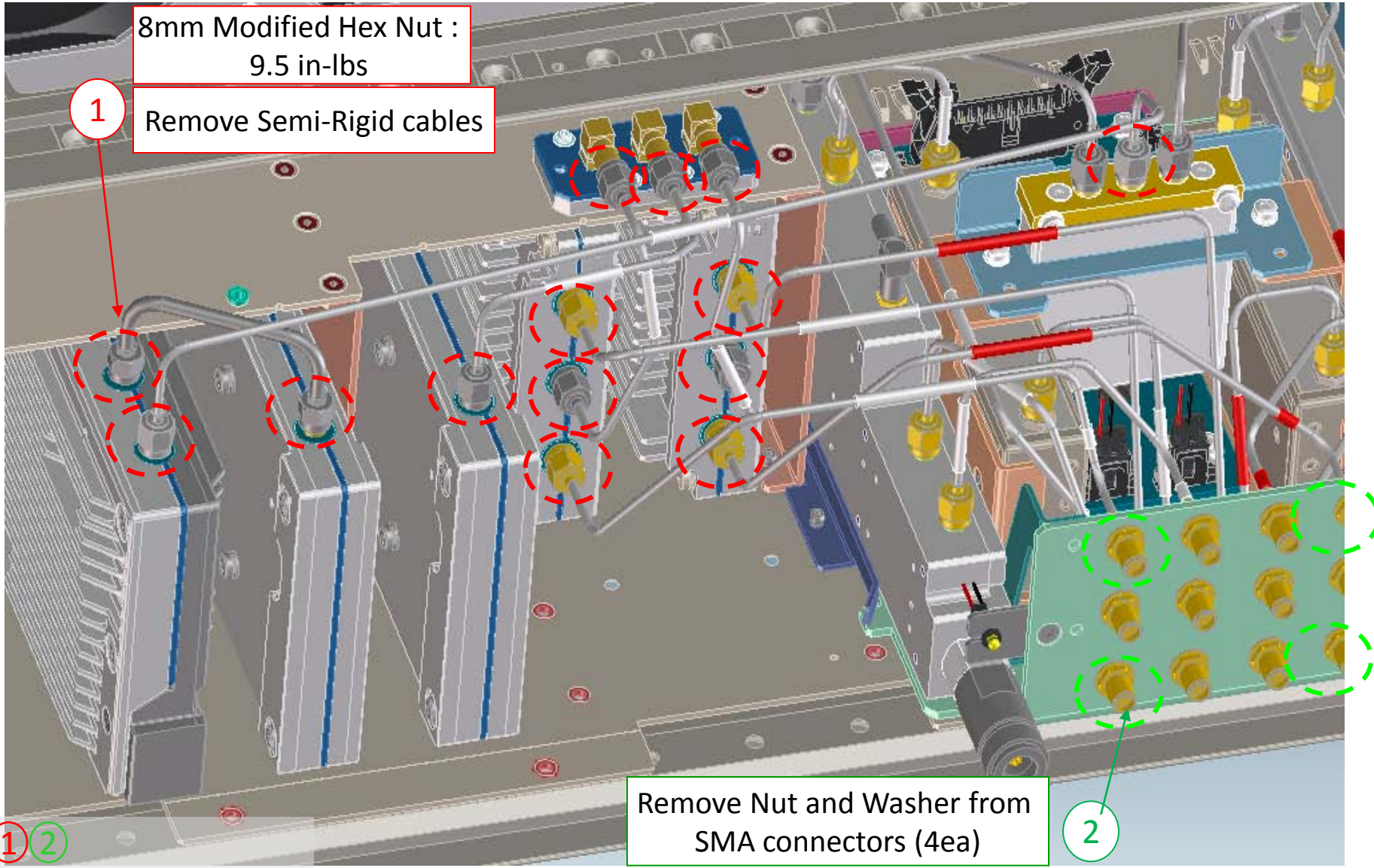
8mm Modified Hex Nut :
9.5 in-lbs

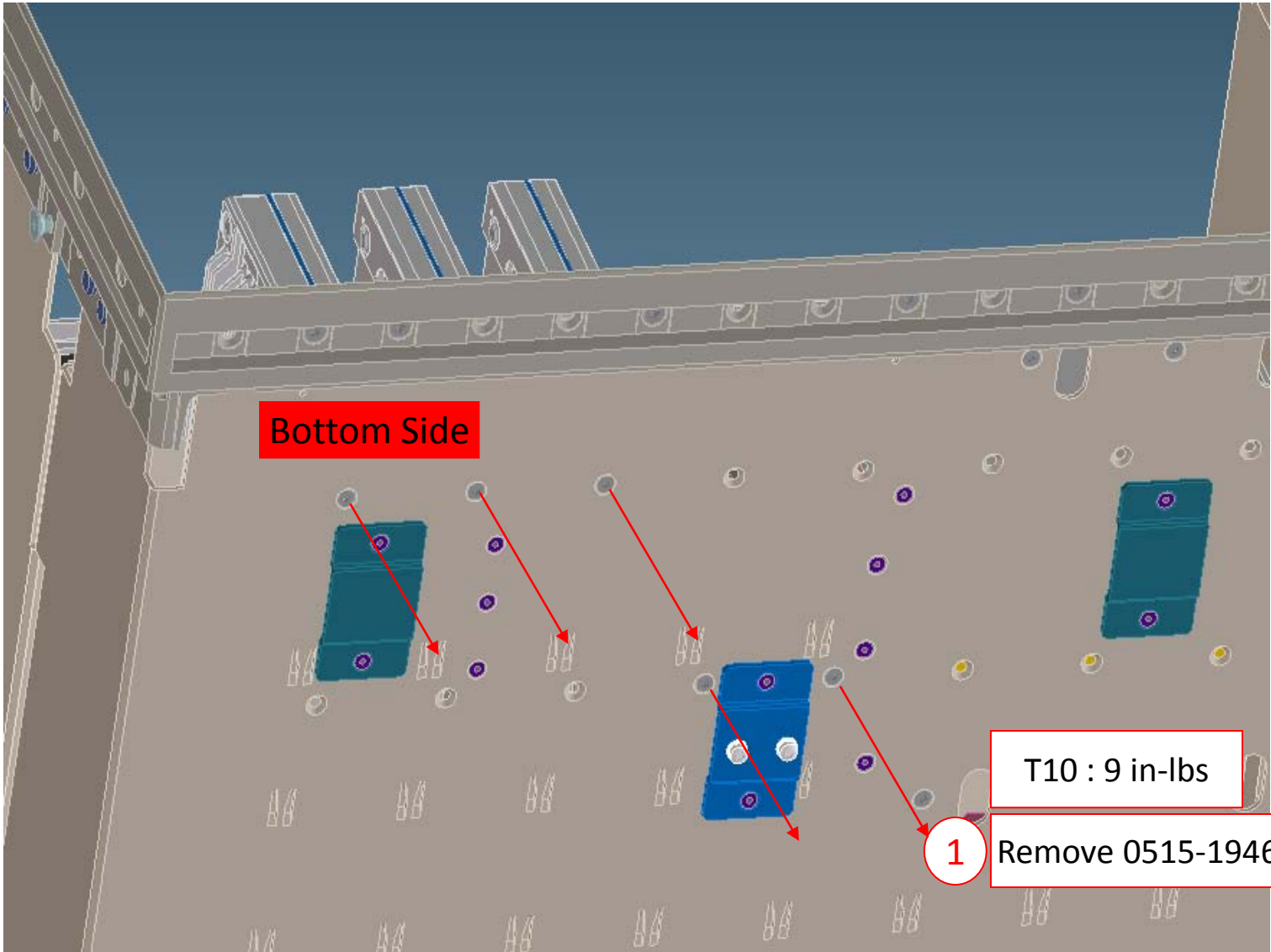
1 Remove Semi-Rigid cables

Remove Nut and Washer from
SMA connectors (4ea)

2

1 2





Bottom Side

T10 : 9 in-lbs

1

Remove 0515-1946 (5ea)

1

Remove A84 Module, E5072-61084

5

T10 : 9 in-lbs

4

Remove 0515-0372 (2ea)

3

Remove A2 Module, E5072-62002 (2ea)

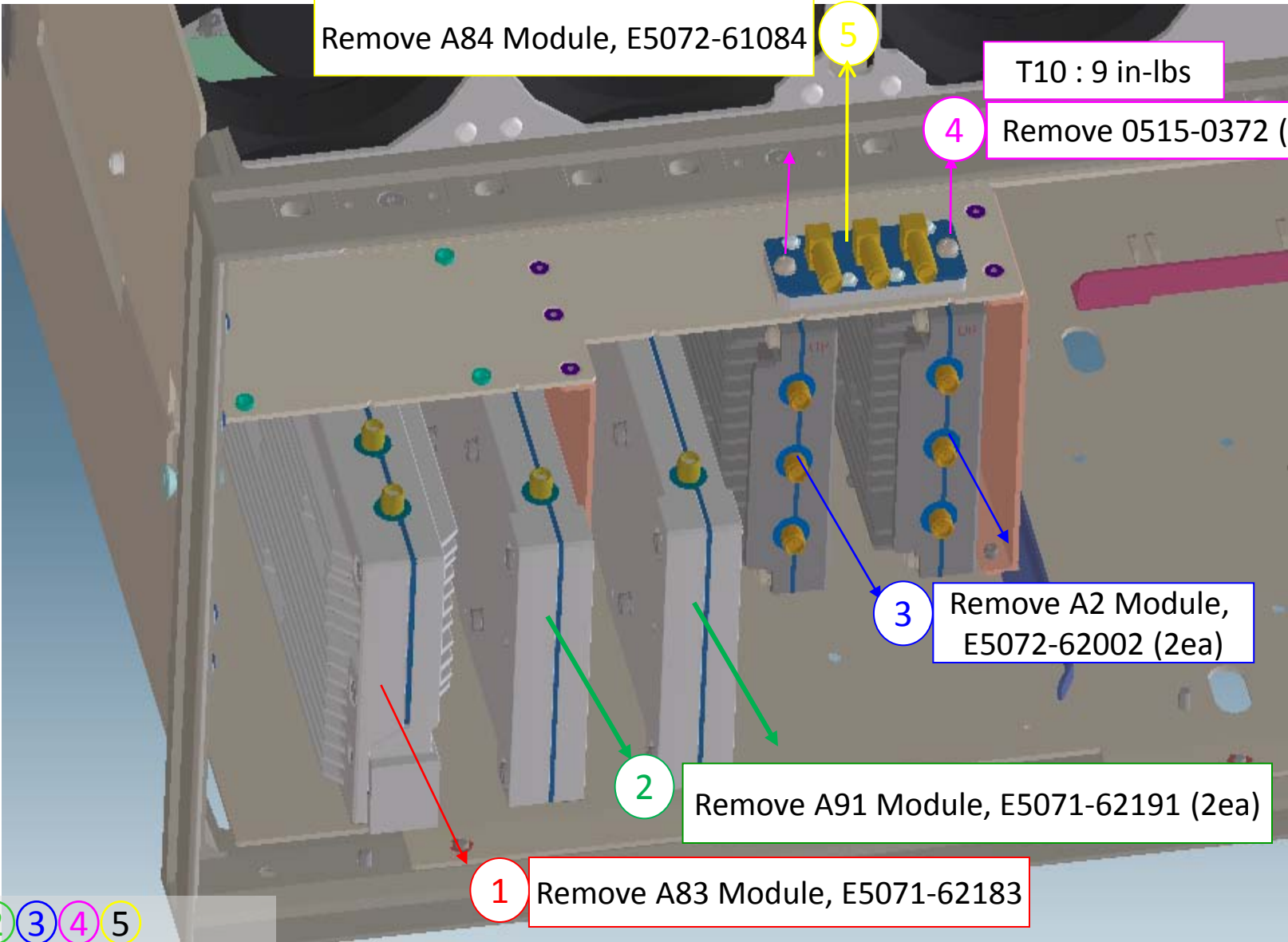
2

Remove A91 Module, E5071-62191 (2ea)

1

Remove A83 Module, E5071-62183

- 1
- 2
- 3
- 4
- 5



A50, Analog Motherboard (E5070-66650)

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.

1 Remove 5041-9176

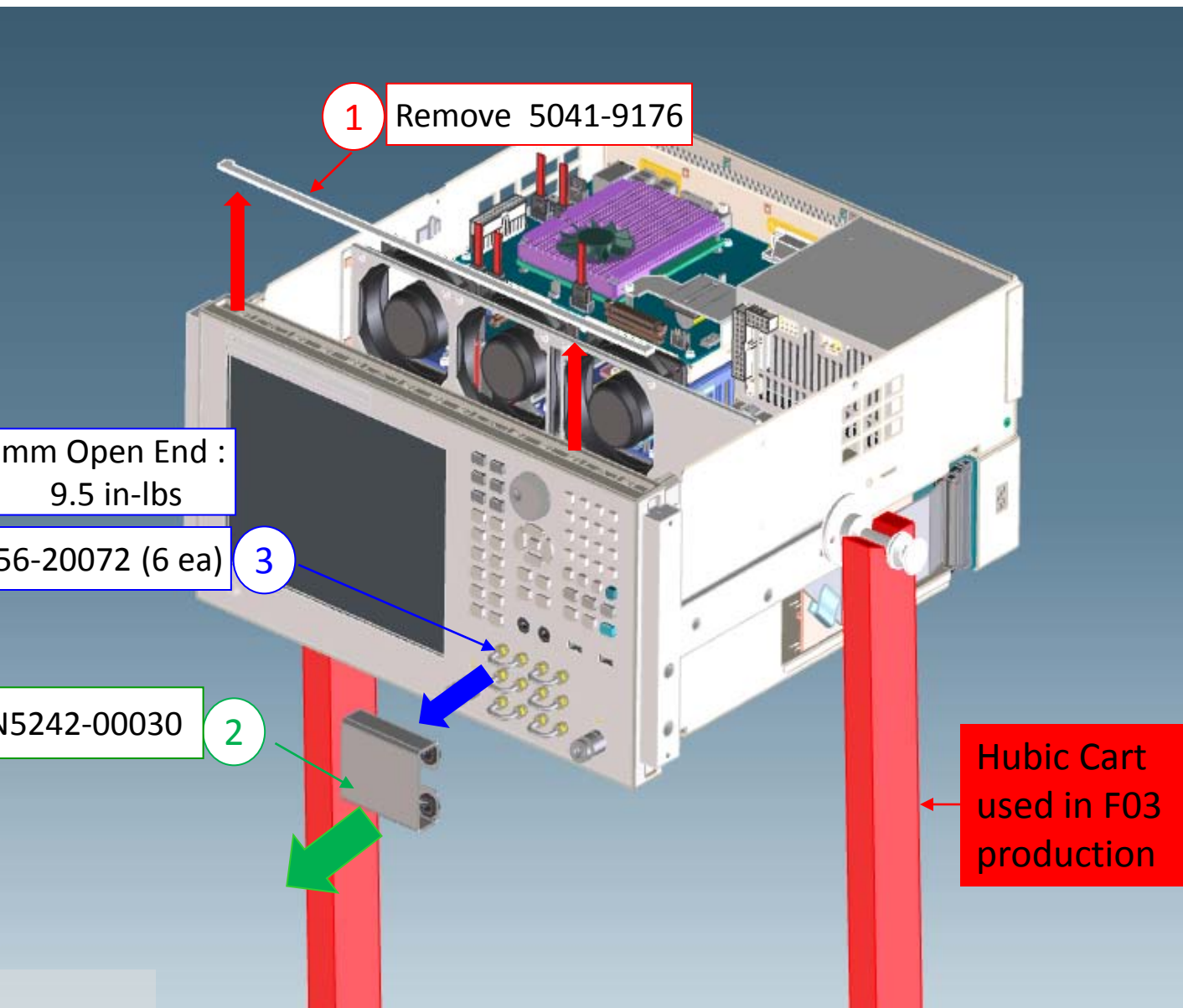
8mm Open End :
9.5 in-lbs

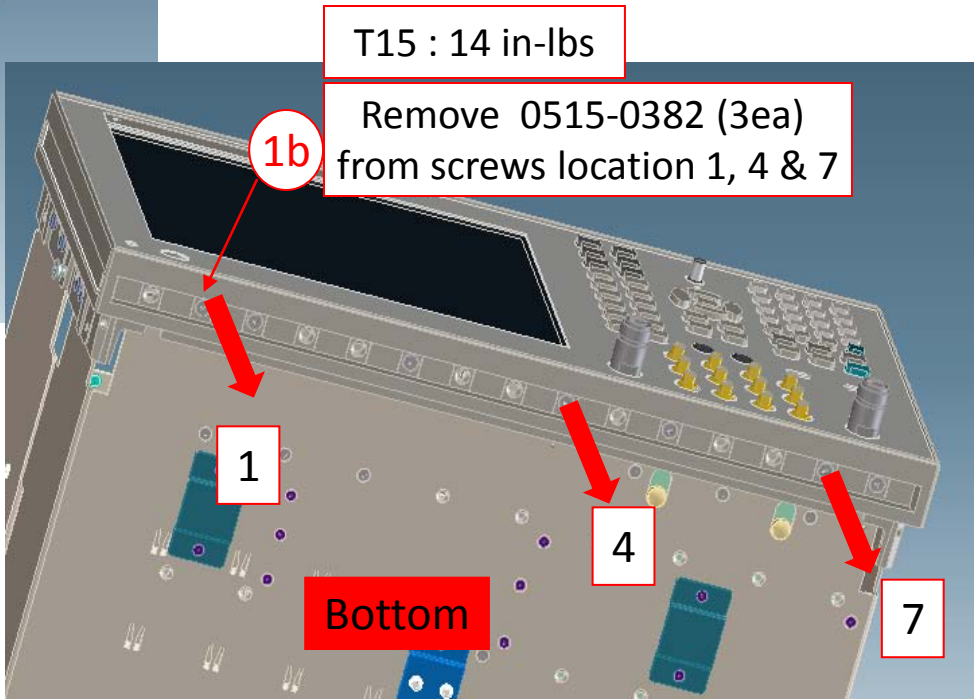
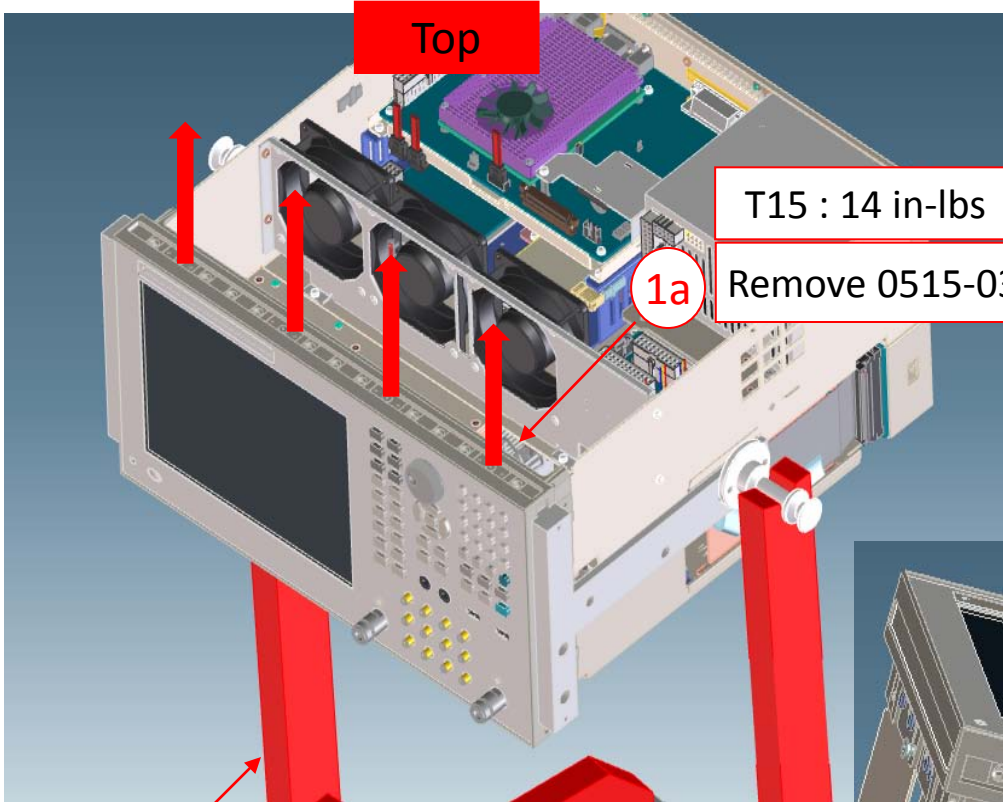
Remove E8356-20072 (6 ea) 3

Remove N5242-00030 2

Hubic Cart
used in F03
production

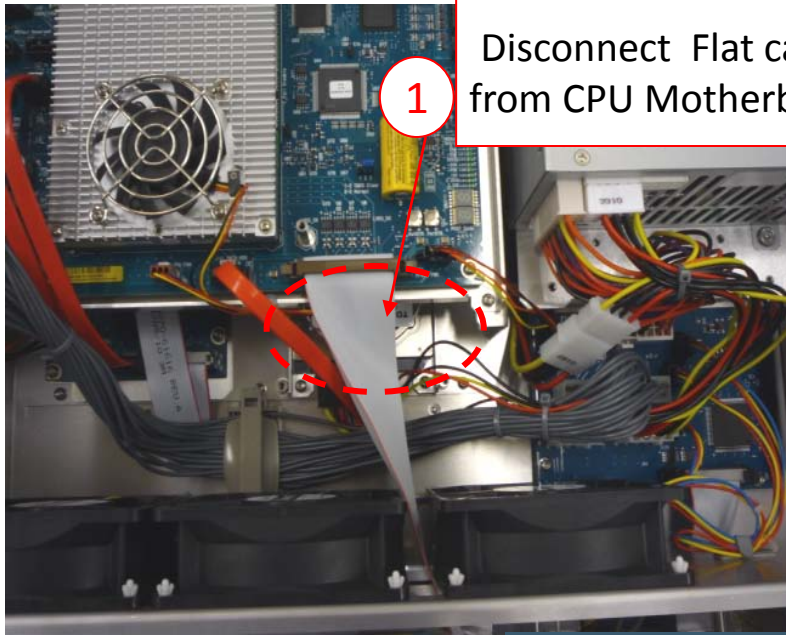
1 2 3



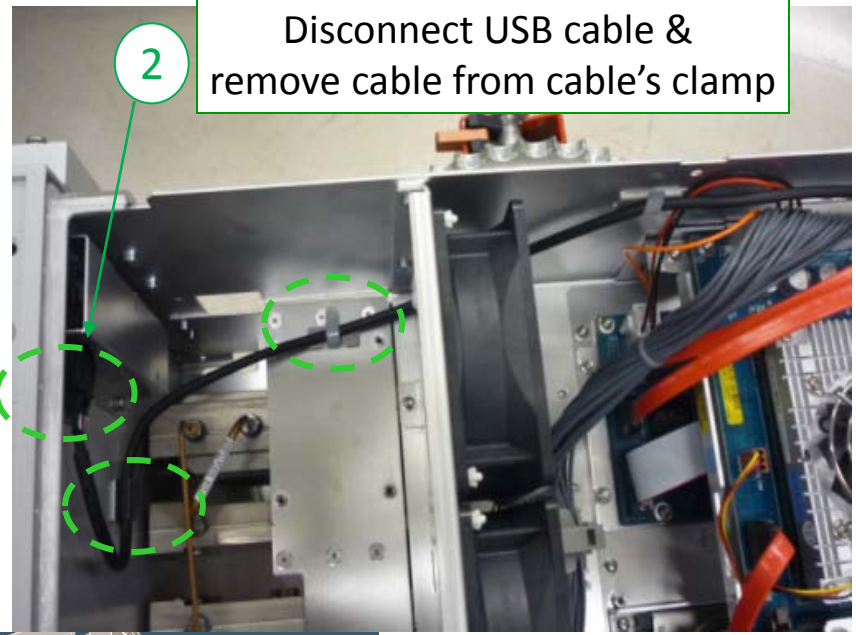


Hubic Cart
used in F03
production

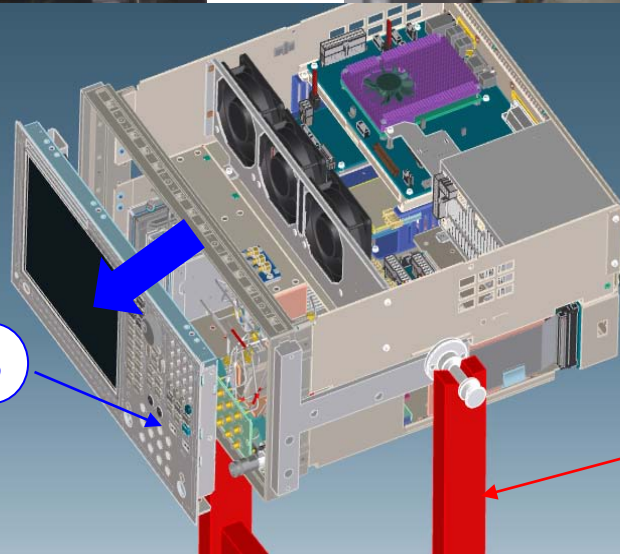
①



1 Disconnect Flat cable from CPU Motherboard



2 Disconnect USB cable & remove cable from cable's clamp

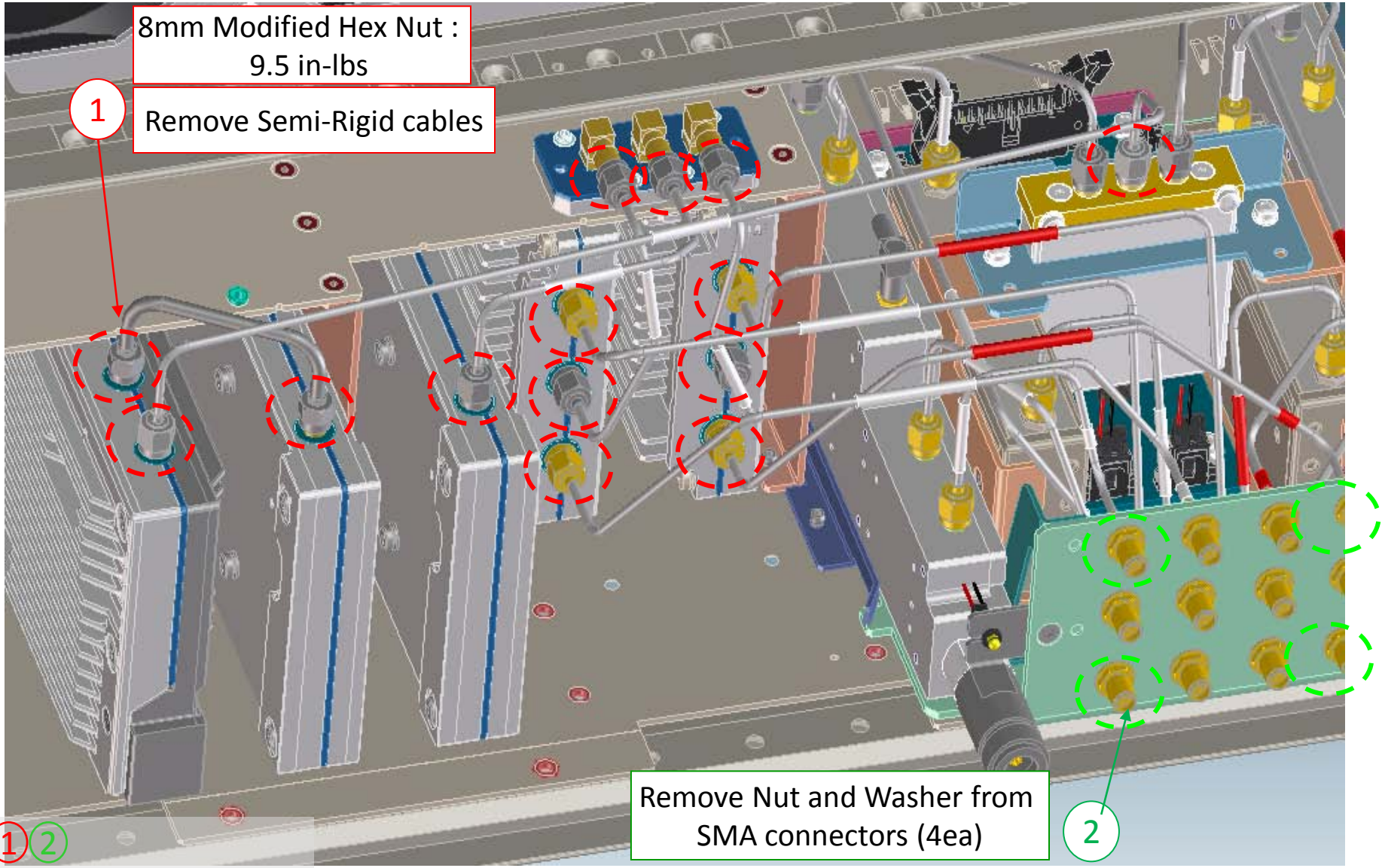


3 Slowly pull/remove Front frame Sub-assembly from Chassis

Hubic Cart used in F03 production

8mm Modified Hex Nut :
9.5 in-lbs

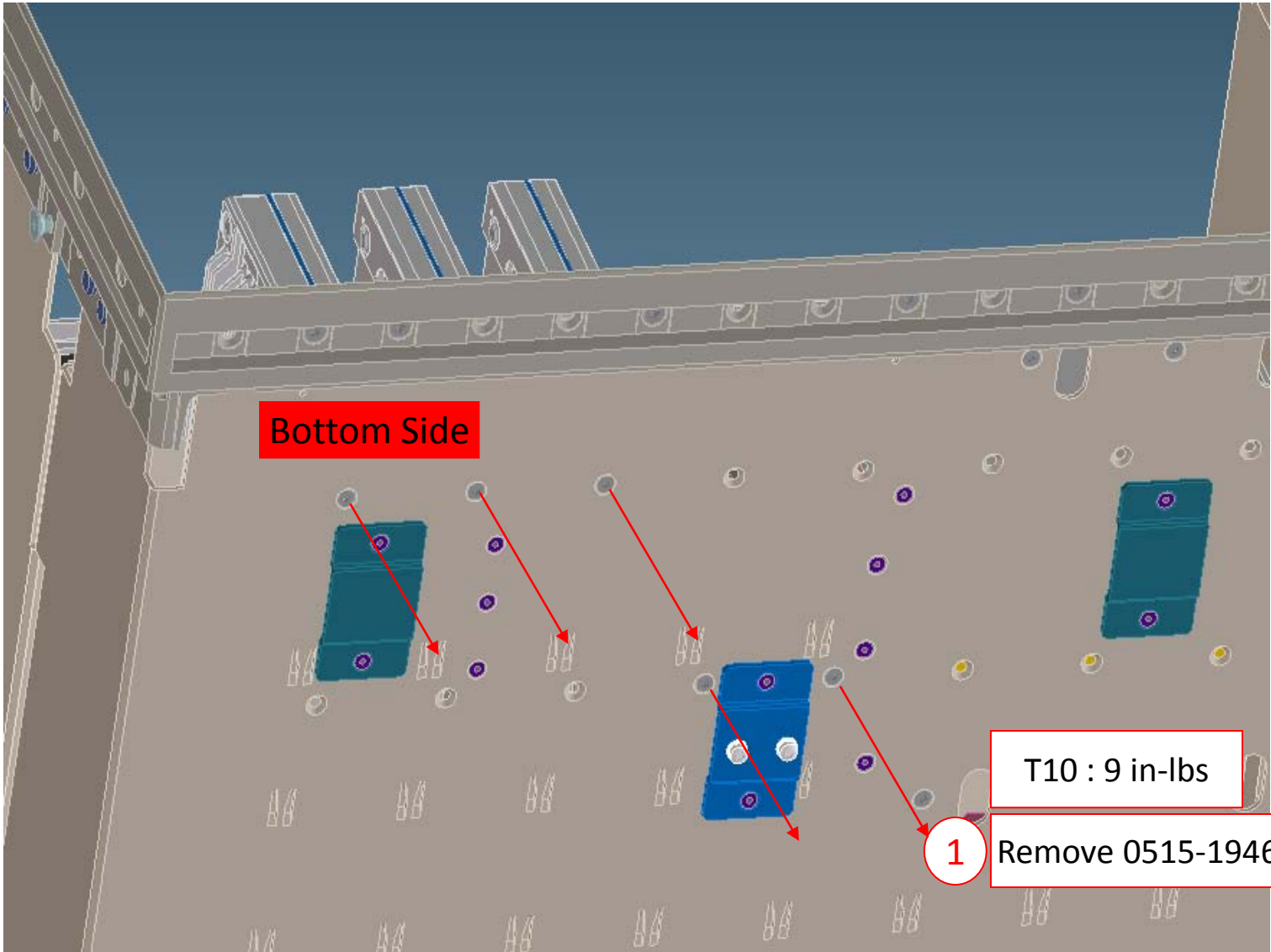
1 Remove Semi-Rigid cables



2 Remove Nut and Washer from
SMA connectors (4ea)

1 2

2



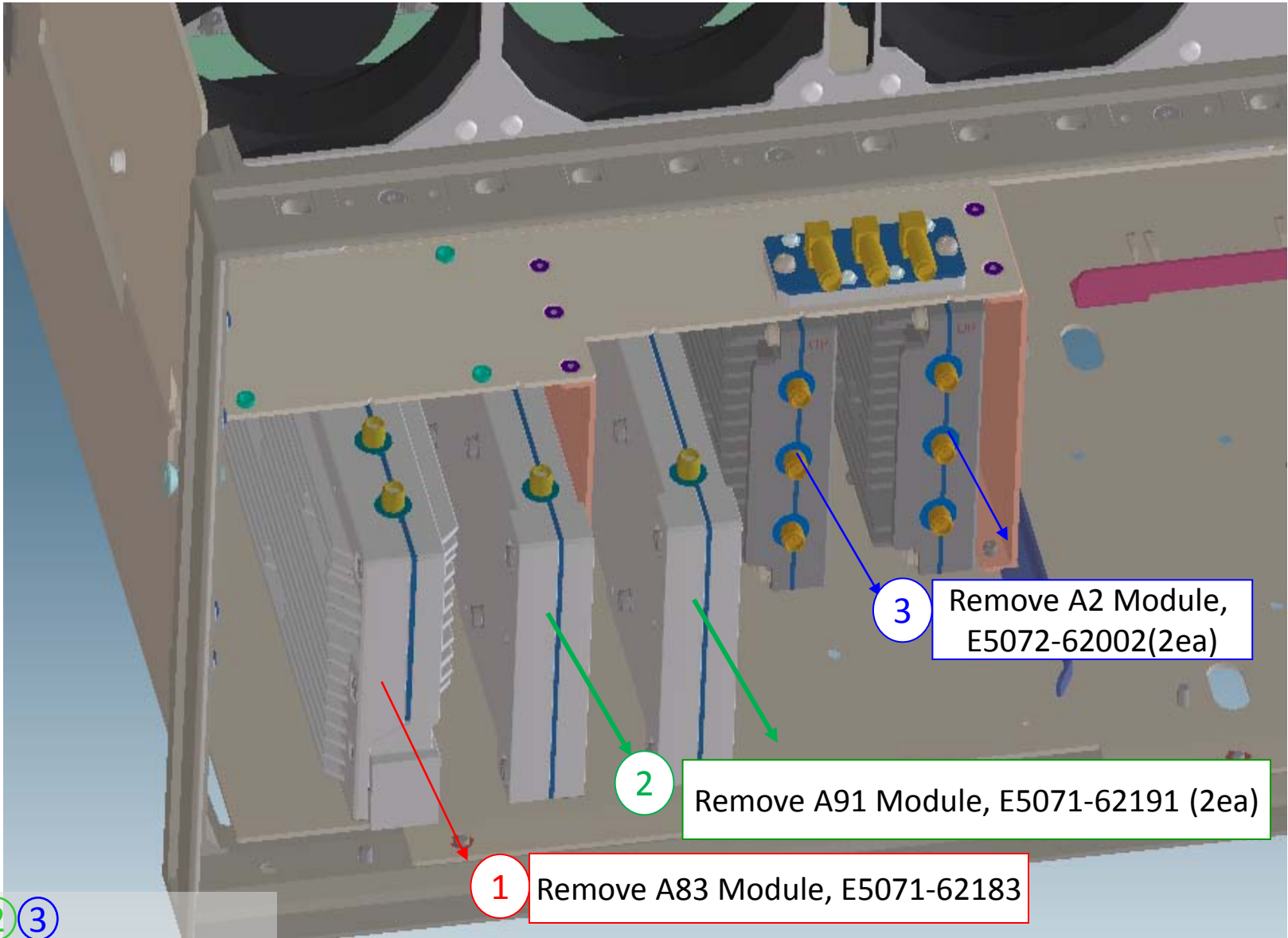
Bottom Side

T10 : 9 in-lbs

1

Remove 0515-1946 (5ea)

1



- ①
- ②
- ③

5/8 Torque box
30.4 in-lbs

Remove Nut, 2950-0054 (4ea)
& Washer, 2190-0054 (4ea)

T10 : 9in-lbs

Remove 0515-0430 (15ea)

2

3

Remove 0515-1946 (5ea)

T10 : 9in-lbs

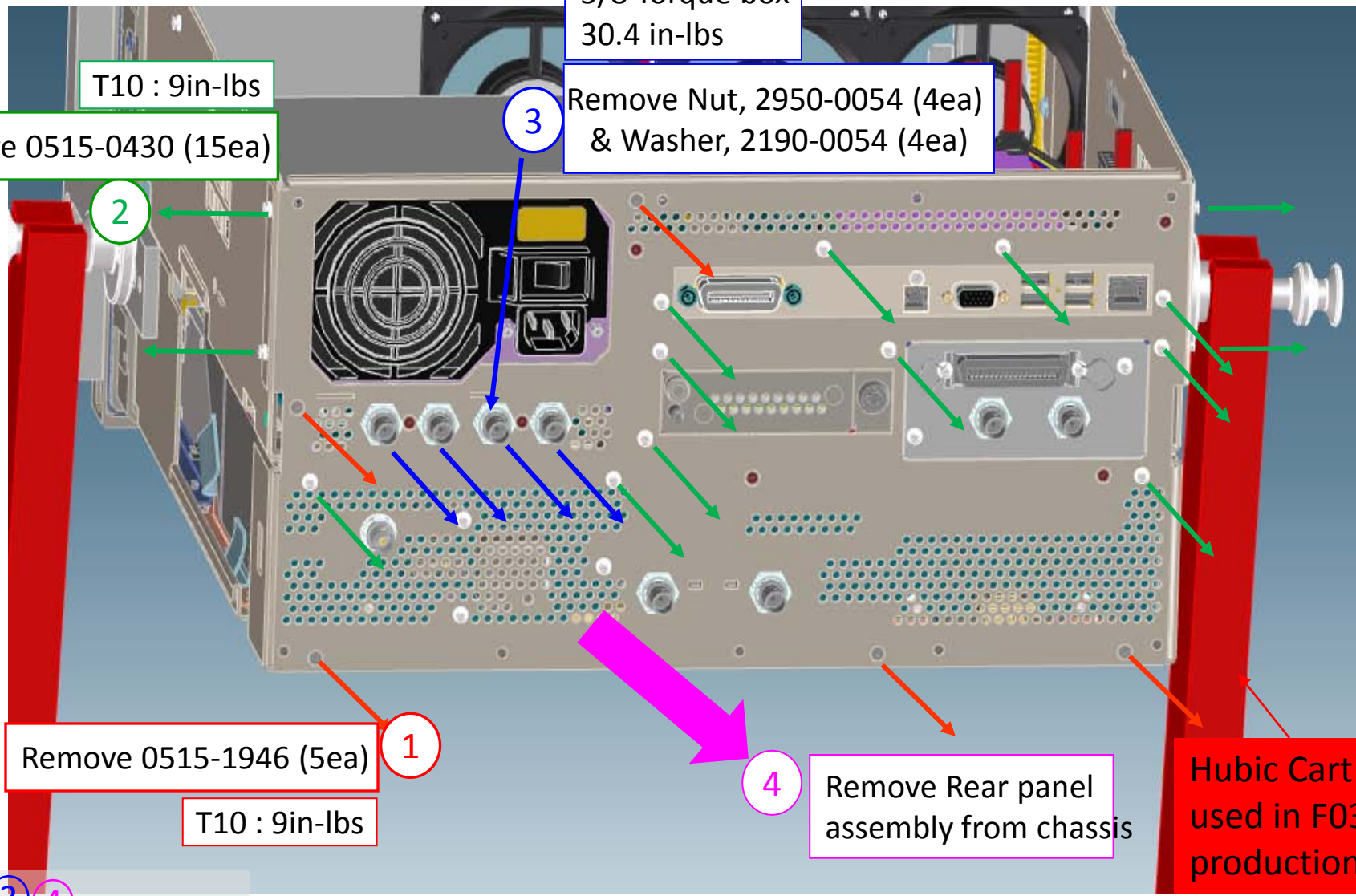
1

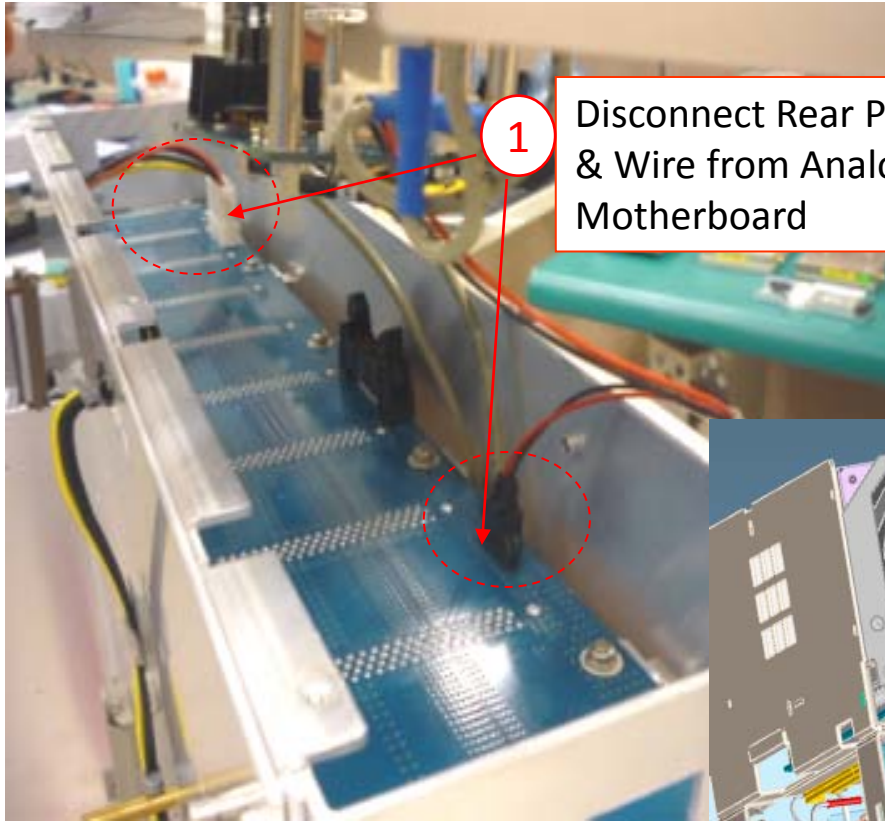
4

Remove Rear panel
assembly from chassis

Hubic Cart
used in F03
production

1 2 3 4

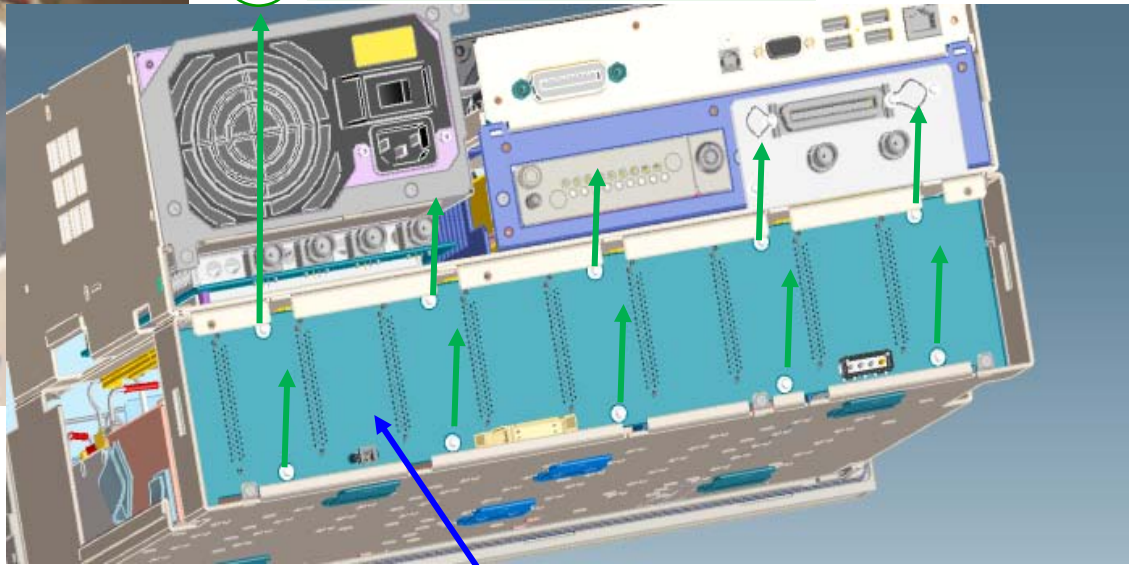




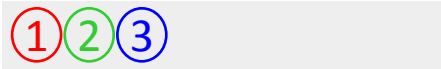
1 Disconnect Rear Panel's Cable & Wire from Analog Motherboard

T10 : 9 in-lbs

2 Remove 0515-0430 (10ea)



3 Remove E5070-66650 from chassis assembly



A92, RF Frontend Module (E5072-62092)

Dis-Assembly Procedure

Note:

1. Torque value shown in this document is only for reference and only used during assembly.

1 Remove 5041-9176

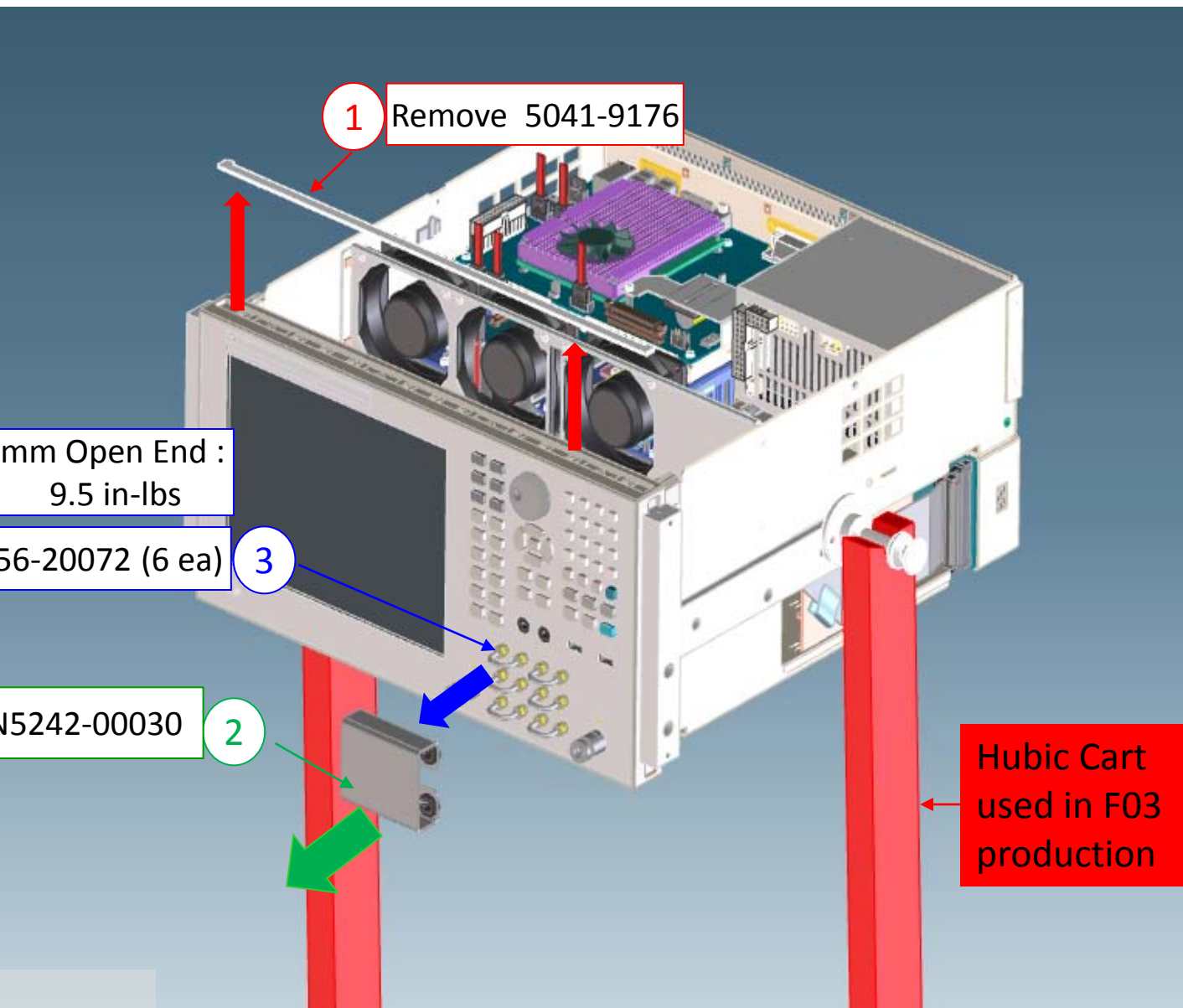
8mm Open End :
9.5 in-lbs

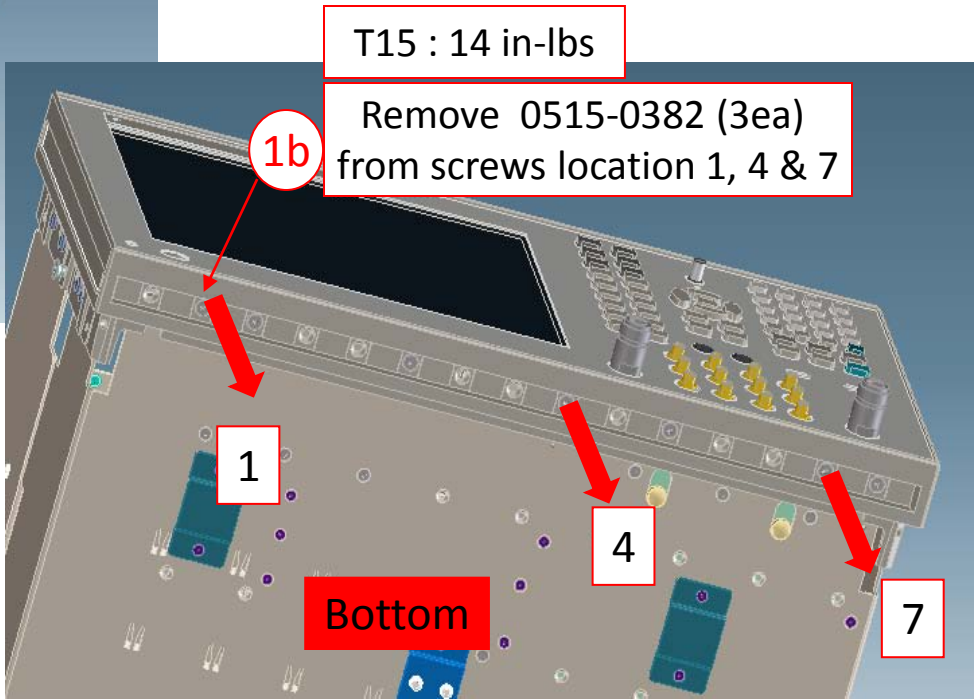
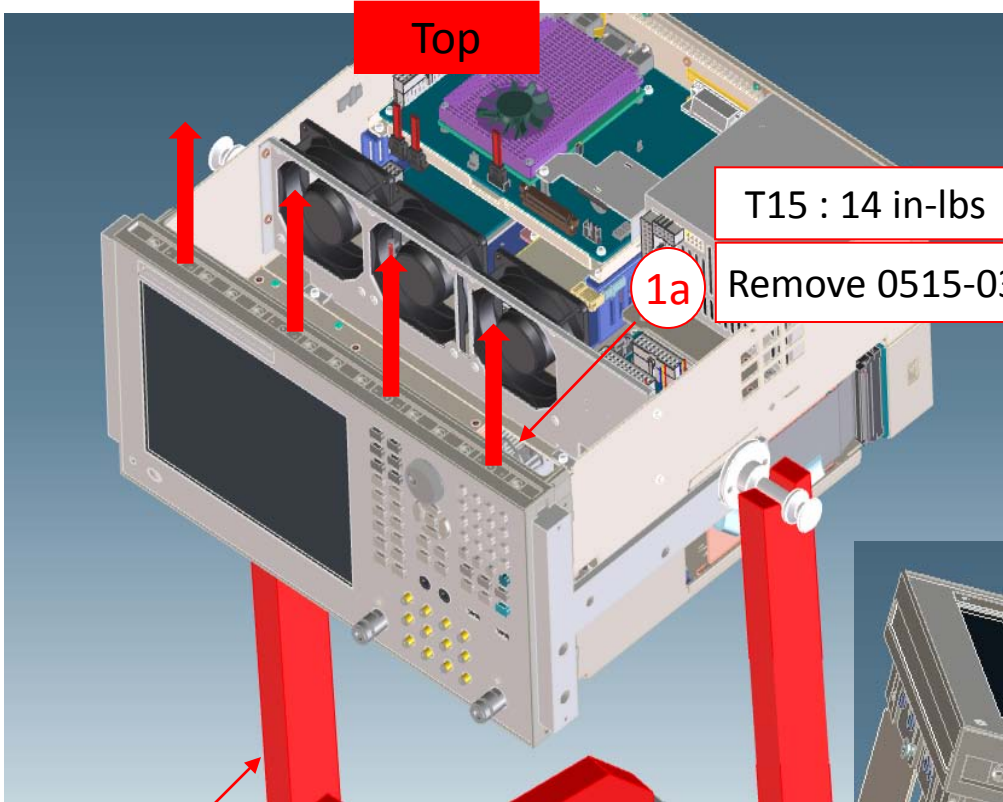
Remove E8356-20072 (6 ea) 3

Remove N5242-00030 2

Hubic Cart
used in F03
production

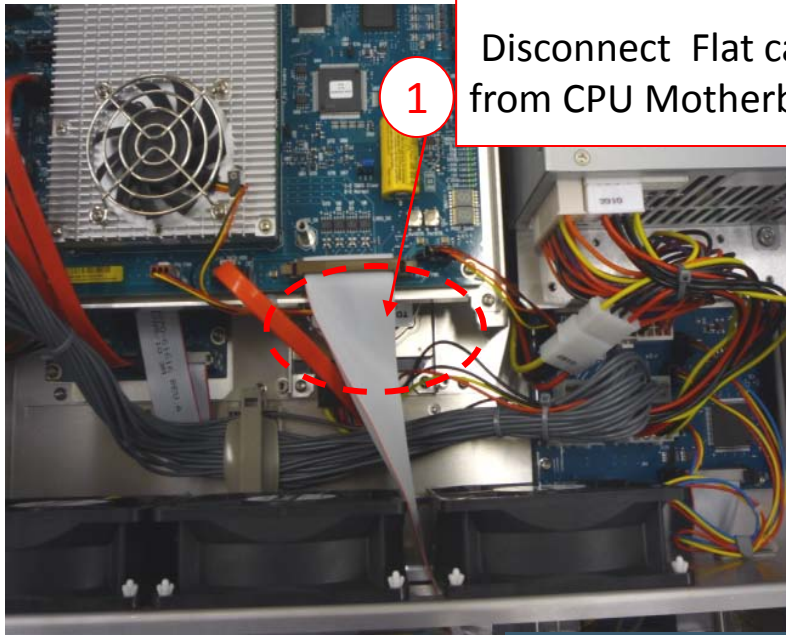
1 2 3



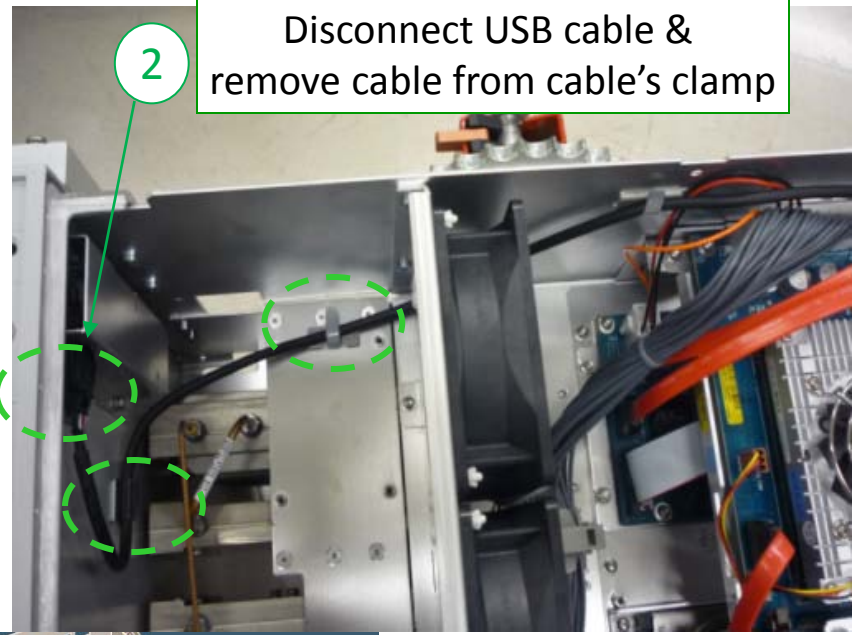


Hubic Cart
used in F03
production

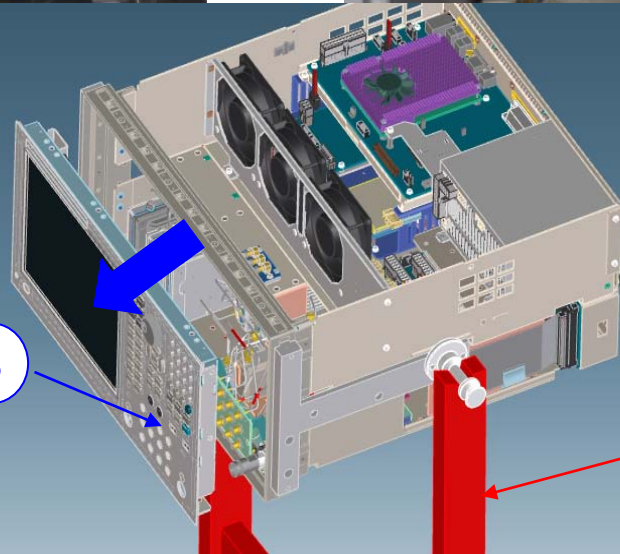
①



1 Disconnect Flat cable from CPU Motherboard



2 Disconnect USB cable & remove cable from cable's clamp

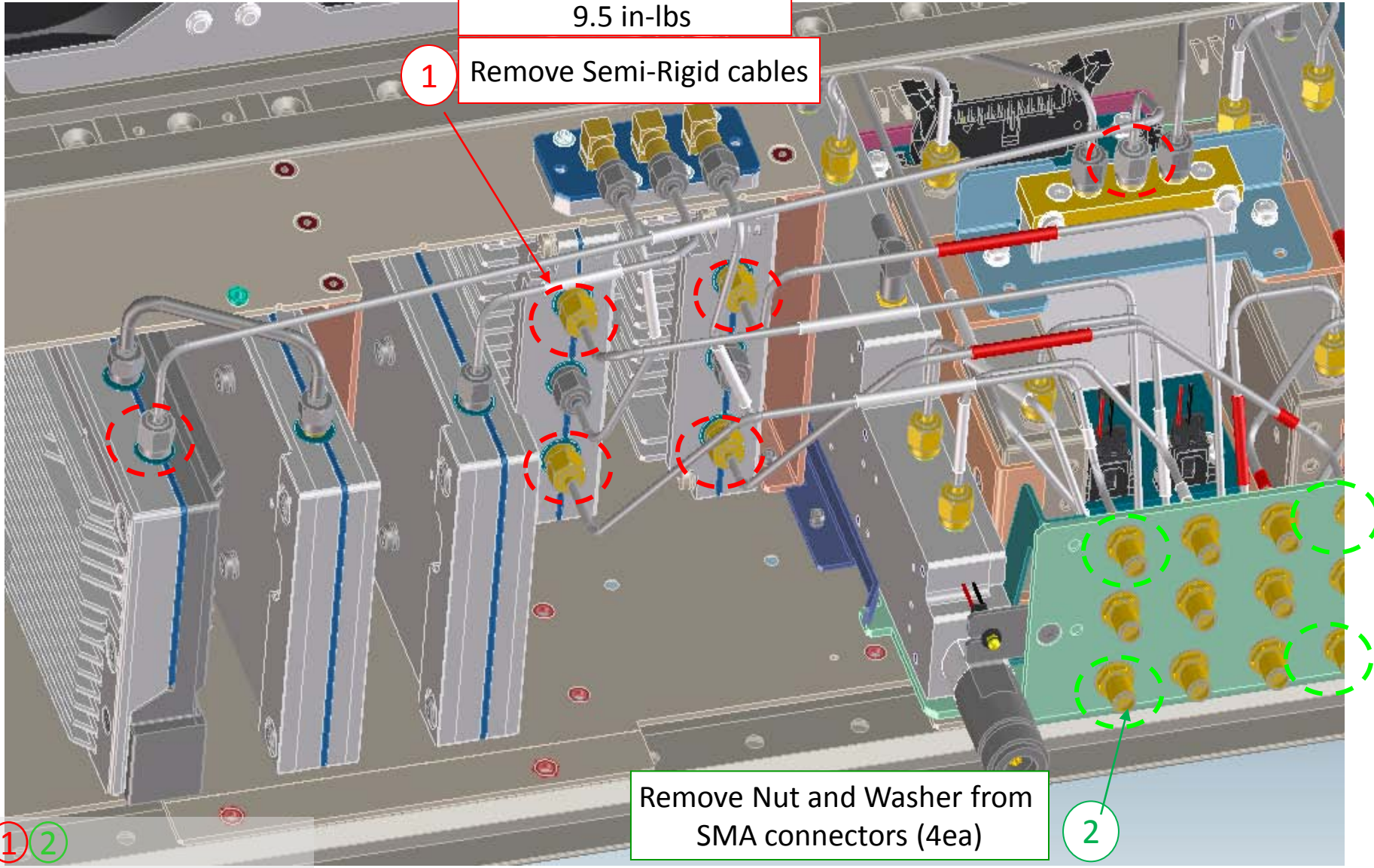


3 Slowly pull/remove Front frame Sub-assembly from Chassis

Hubic Cart used in F03 production

8mm Modified Hex Nut :
9.5 in-lbs

1 Remove Semi-Rigid cables



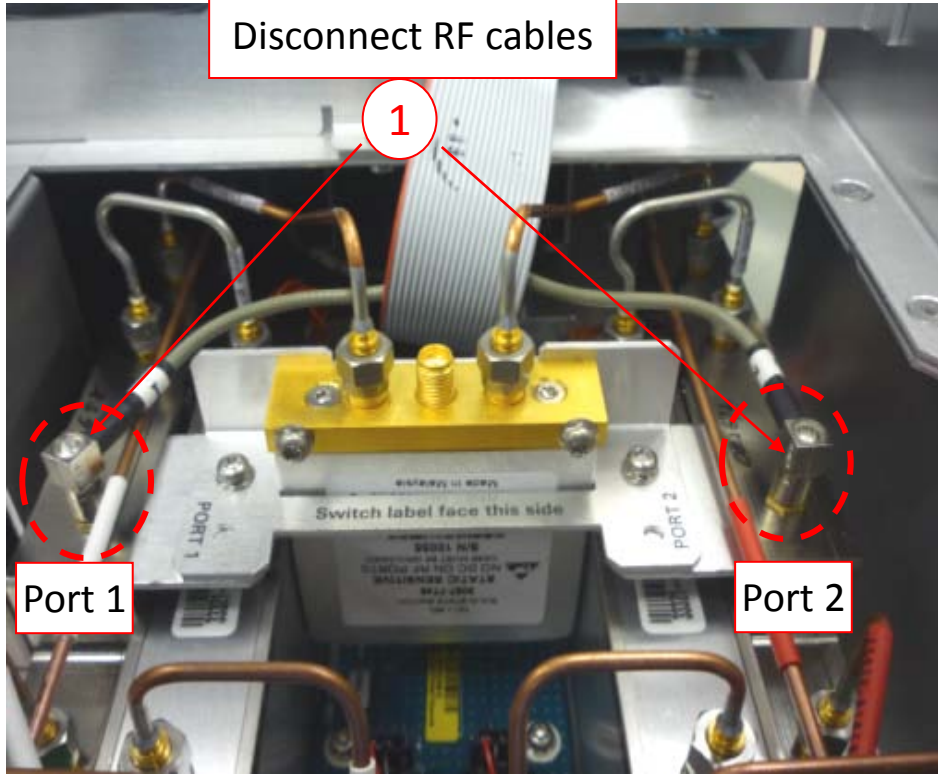
Remove Nut and Washer from
SMA connectors (4ea)

2

1 2

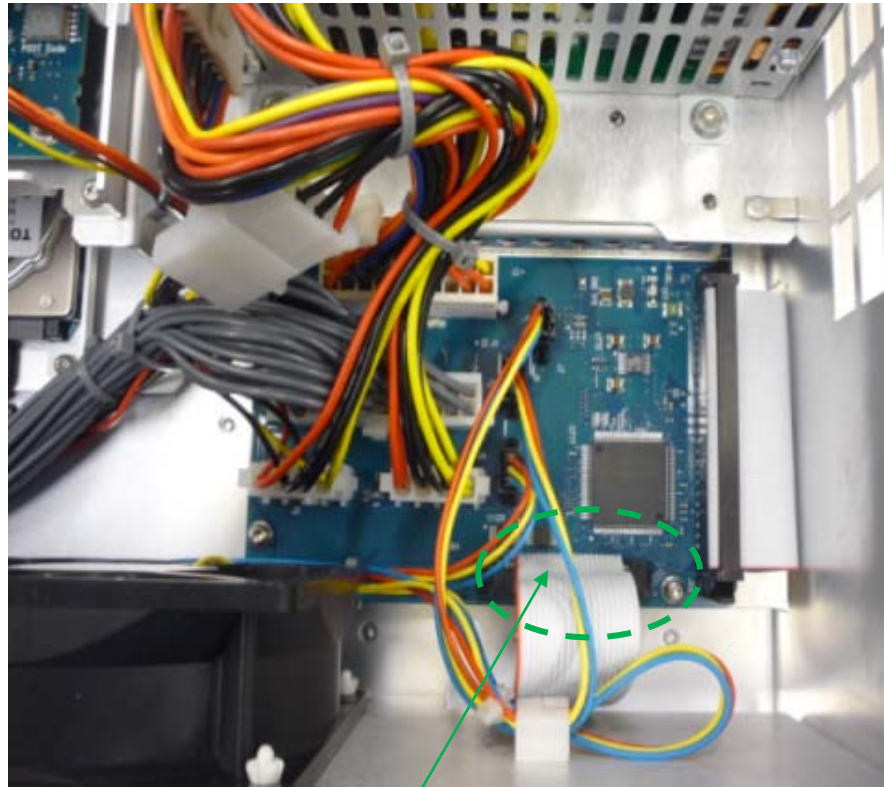
Disconnect RF cables

1



Port 1

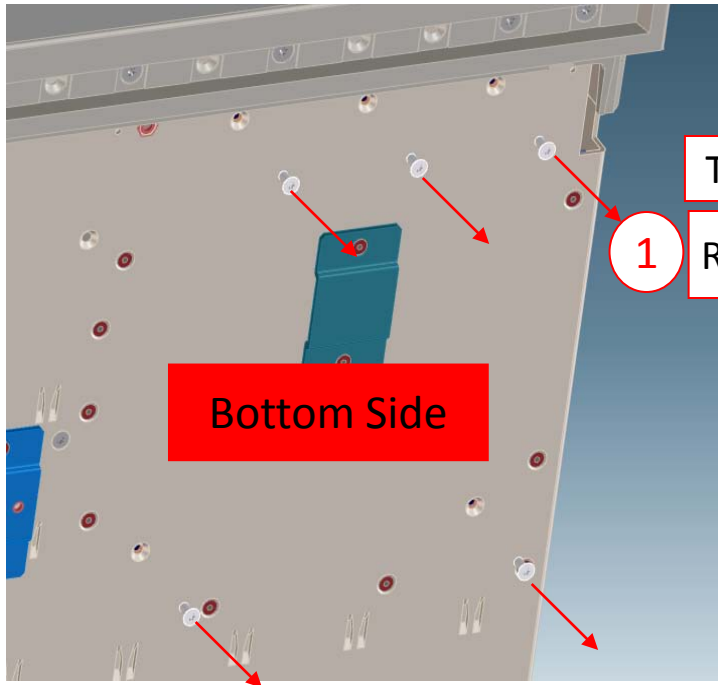
Port 2



Disconnect cable, E5072-61622

2

1 2

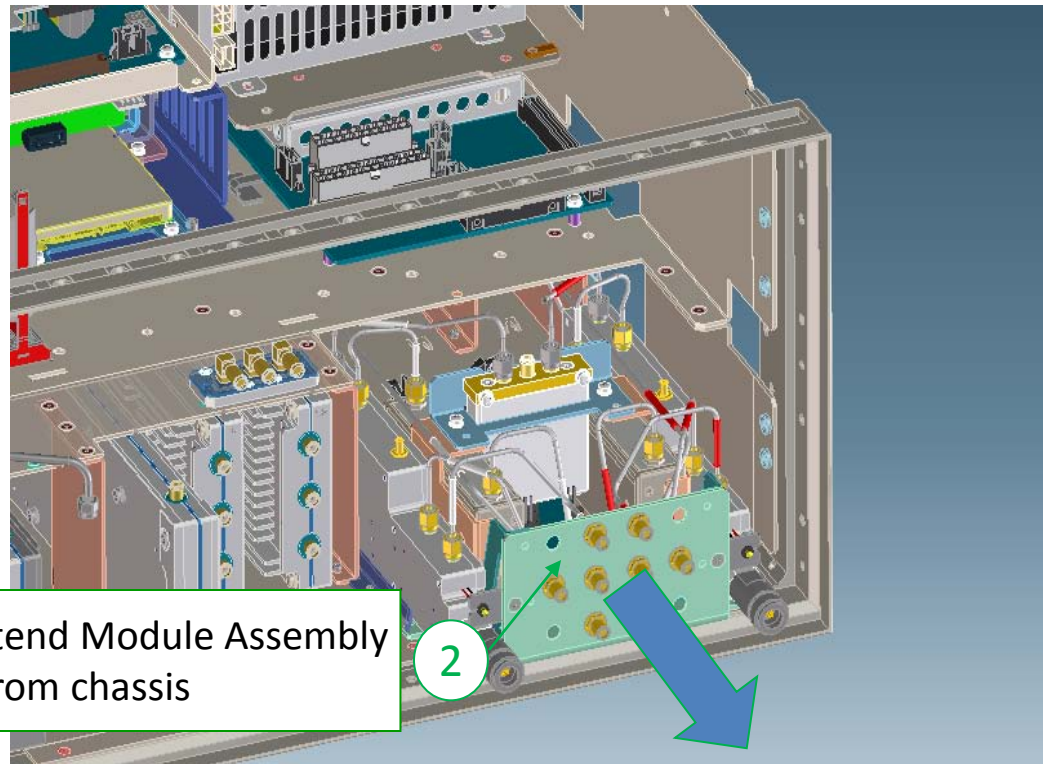


T10 : 9 in-lbs

1

Remove 0515-1946 (5ea)

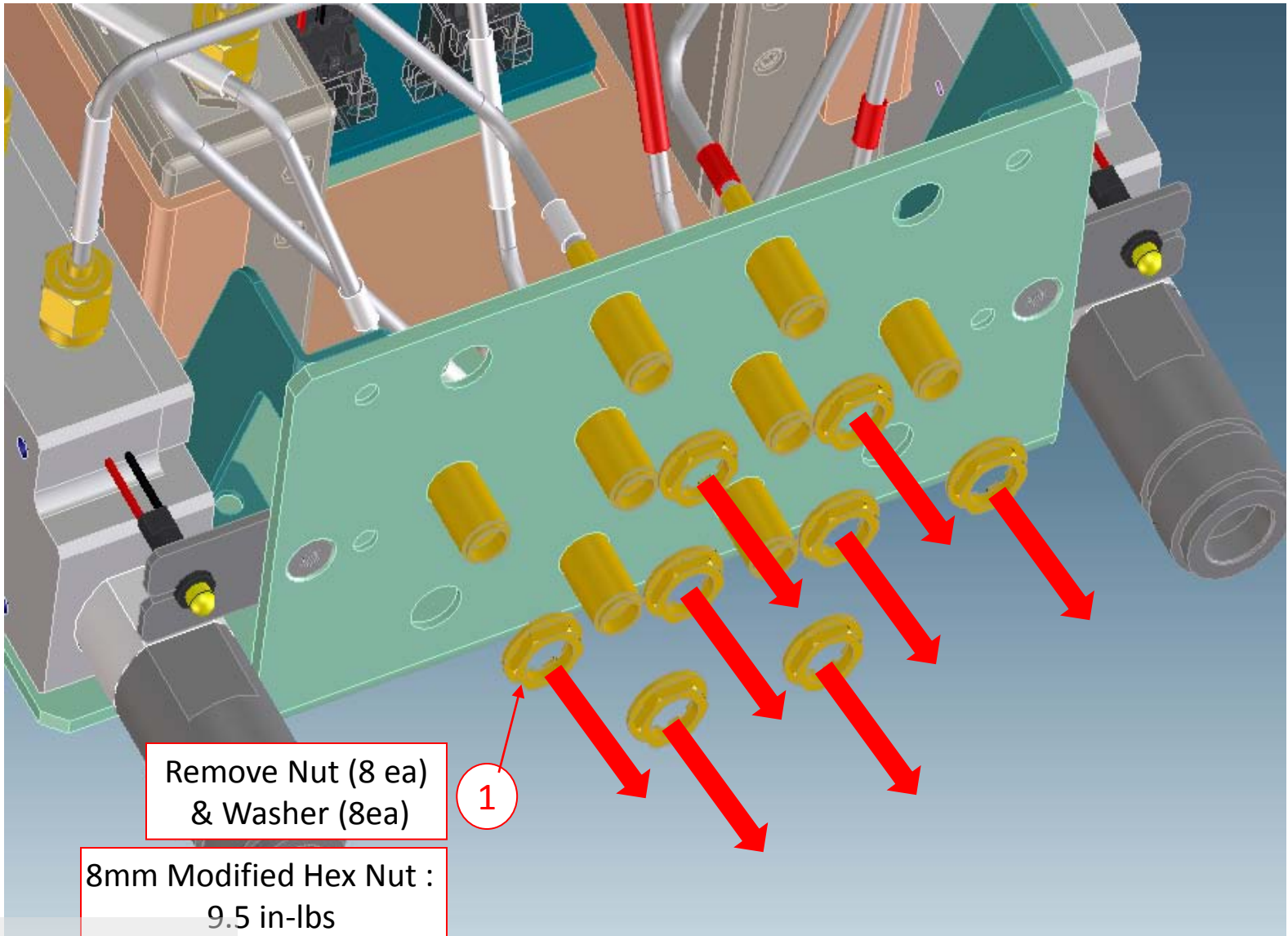
Bottom Side



Pull out Frontend Module Assembly
from chassis

2

1 2



Remove Nut (8 ea)
& Washer (8ea)

8mm Modified Hex Nut :
9.5 in-lbs

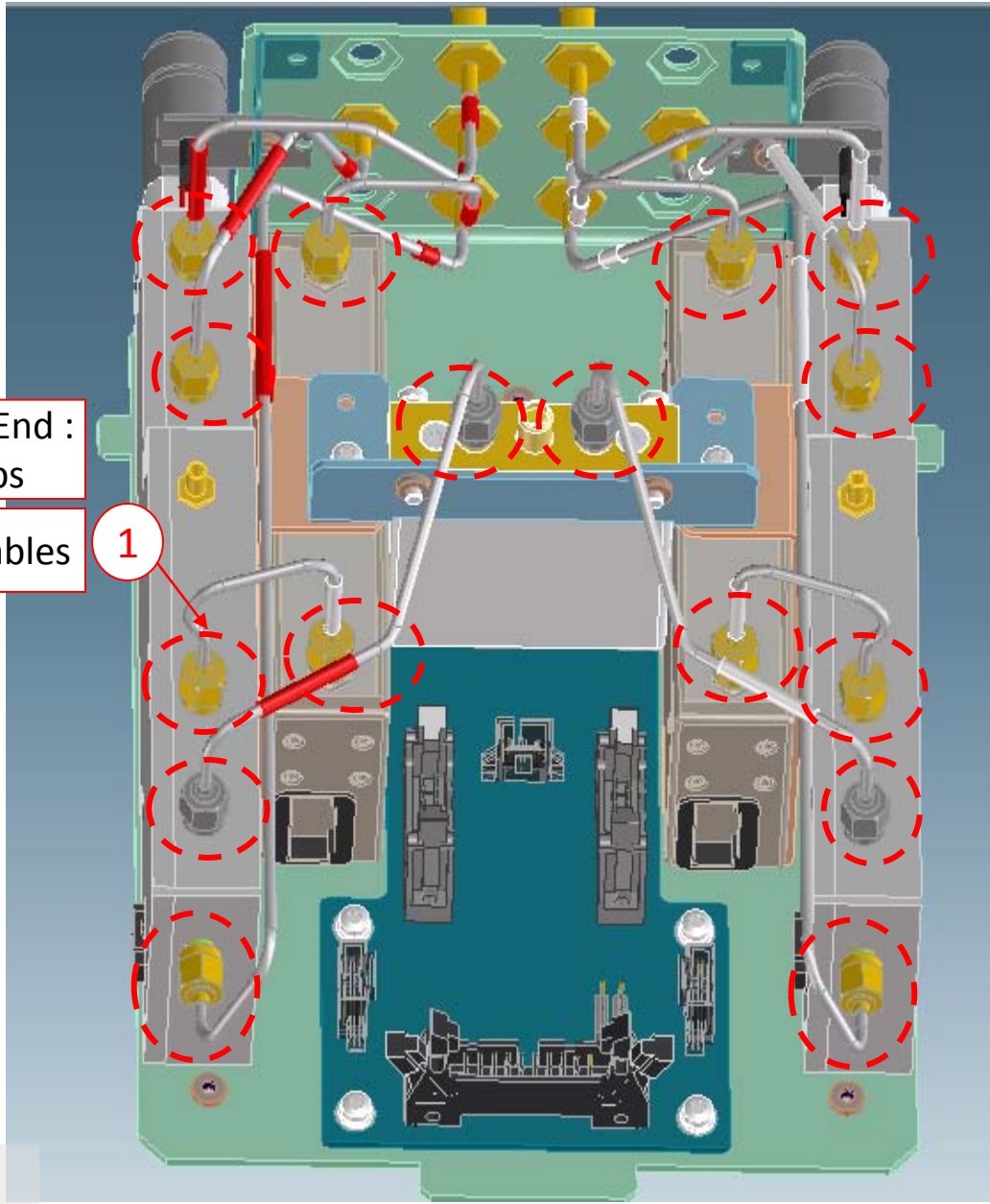
①

①

8mm Open End :
9.5 in-lbs

Remove Semi-Rigid cables

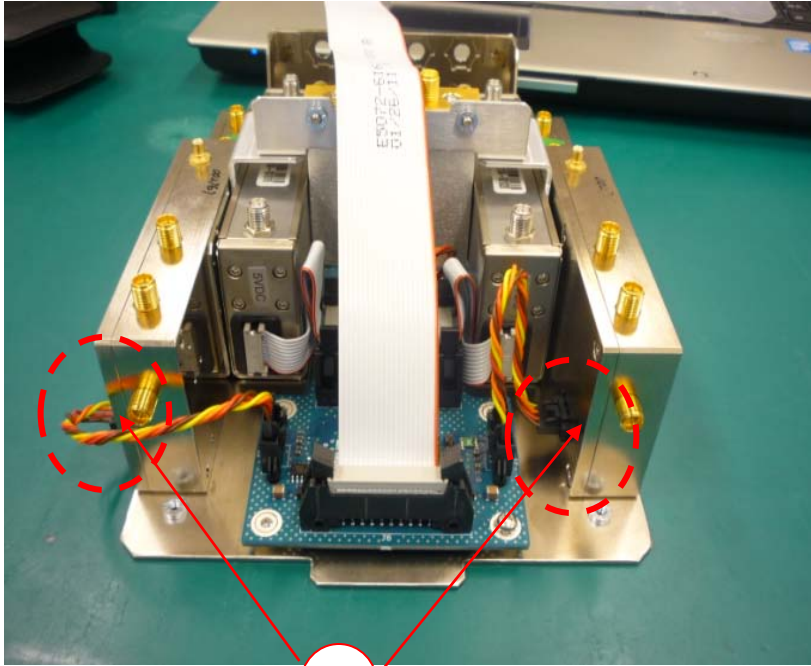
1



1 2

T10 : 9 in-lbs

Remove 0515-1946 (8ea)

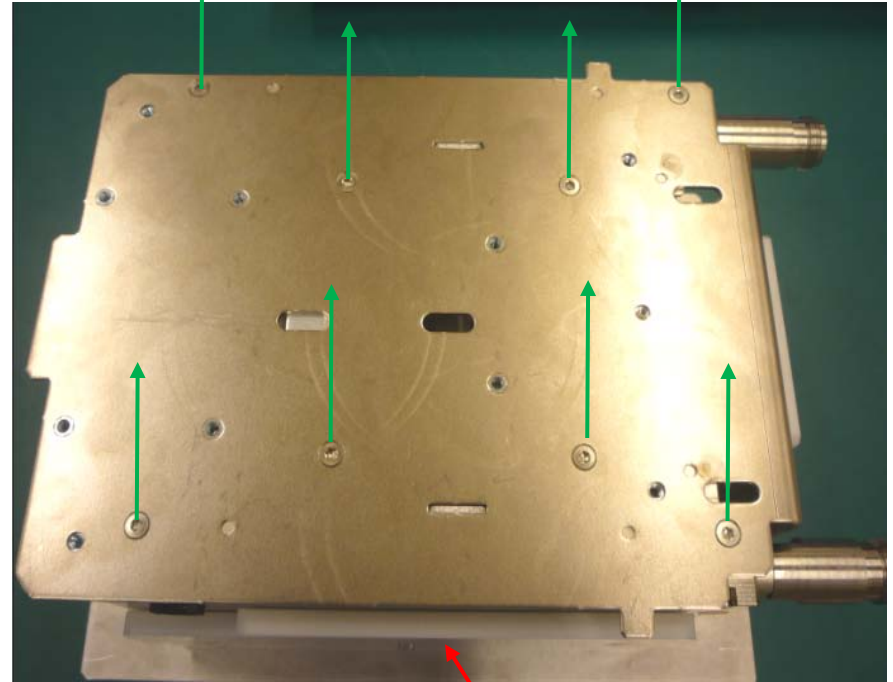


1

Disconnect E5072-61629 (2ea)

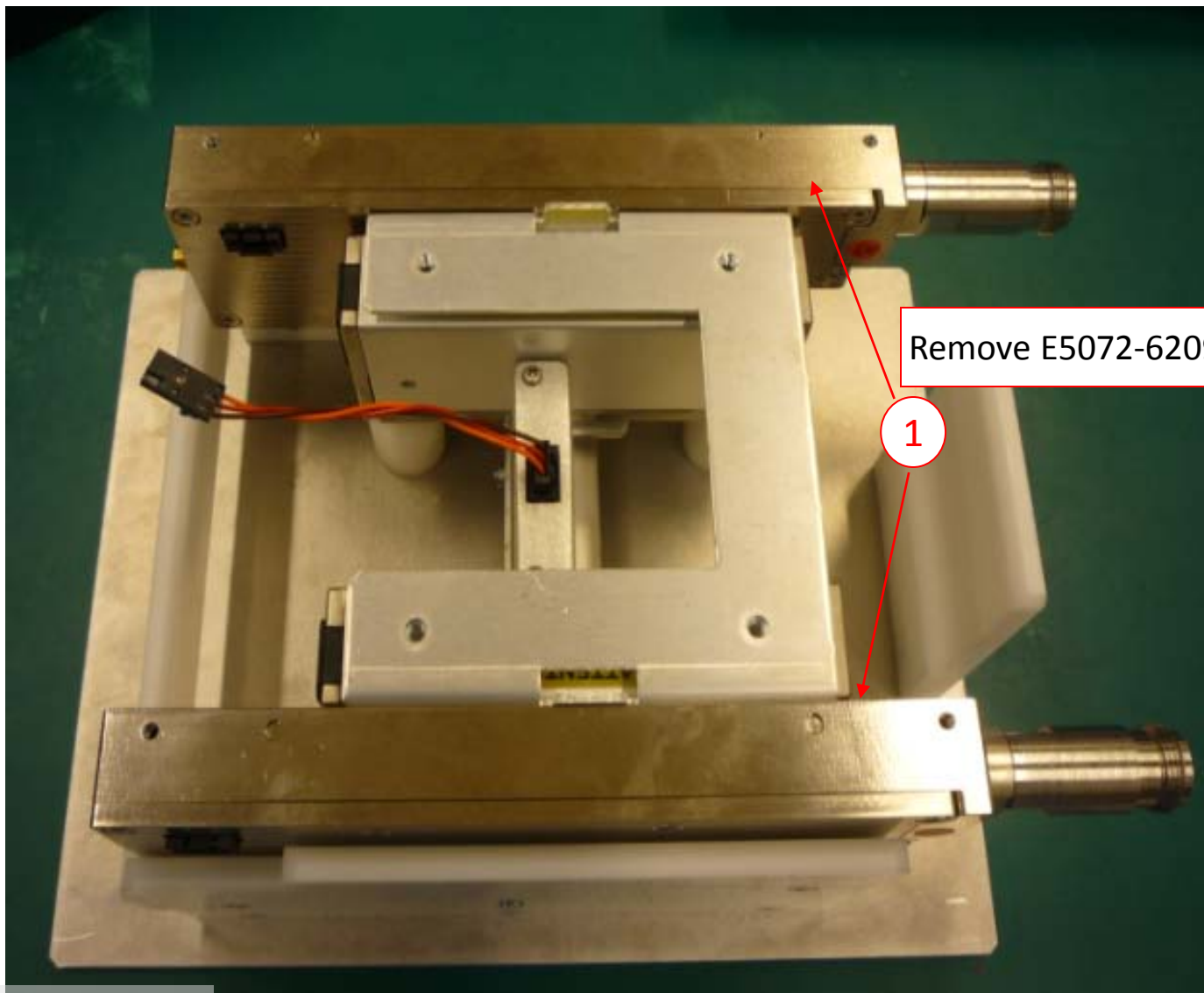
2

Bottom Side



Front-End Module Jig,
T-384208

1 2



Remove E5072-62092 Module (2ea)

1

1