



1
00:00:15,190 --> 00:00:13,110
good morning endeavor a special good

2
00:00:15,749 --> 00:00:15,200
morning to you today

3
00:00:17,990 --> 00:00:15,759
that's box

4
00:00:21,189 --> 00:00:18,000
rocking song one of my favorites real

5
00:00:24,150 --> 00:00:21,199
world by matchbox 20.

6
00:00:26,470 --> 00:00:24,160
the major uh task for the day is to

7
00:00:28,790 --> 00:00:26,480
install a new uh

8
00:00:30,630 --> 00:00:28,800
power and data grapple fixture on the

9
00:00:33,430 --> 00:00:30,640
outside of the russian segment of the

10
00:00:37,030 --> 00:00:33,440
international space station specifically

11
00:00:39,270 --> 00:00:37,040
the uh zarya control module at the uh

12
00:00:43,430 --> 00:00:39,280
basically the interface between zarya

13
00:00:48,069 --> 00:00:45,190

we've been a module singing our song

14

00:00:48,079 --> 00:00:54,310

okay i have it you have it

15

00:00:54,320 --> 00:01:09,910

there you go

16

00:01:16,630 --> 00:01:13,990

okay i'm ready one here

17

00:01:19,030 --> 00:01:16,640

i'm running three okay a little bit more

18

00:01:20,550 --> 00:01:19,040

to your entire feet

19

00:01:23,190 --> 00:01:20,560

there he goes there yeah so grab the

20

00:01:24,469 --> 00:01:23,200

other hand oh sorry there we go okay

21

00:01:28,390 --> 00:01:24,479

there we go

22

00:01:30,310 --> 00:01:28,400

i was missing one looking good okay

23

00:01:33,990 --> 00:01:30,320

there are three attach points for this

24

00:01:37,429 --> 00:01:34,000

new uh power and data grapple fixture

25

00:01:40,469 --> 00:01:37,439

clear excellent put one of them

26

00:01:42,389 --> 00:01:40,479

working on foot three just for a quick

27

00:01:44,389 --> 00:01:42,399

seafood three

28

00:01:47,109 --> 00:01:44,399

and

29

00:01:48,630 --> 00:01:47,119

here on the work site from four foot two

30

00:01:50,389 --> 00:01:48,640

try not to bump it

31

00:01:51,830 --> 00:01:50,399

okay i've got a hold of it

32

00:01:53,990 --> 00:01:51,840

as long as fun one is english the

33

00:01:57,510 --> 00:01:54,000

orientation is correct we have foot one

34

00:01:59,429 --> 00:01:57,520

zeno and we have the other feet matching

35

00:02:00,630 --> 00:01:59,439

all right so then you can soft talk in

36

00:02:05,830 --> 00:02:00,640

any order

37

00:02:09,510 --> 00:02:07,510

i'm not sure i'm getting the threads

38

00:02:11,750 --> 00:02:09,520

just right on this one

39

00:02:14,229 --> 00:02:11,760

so we'll just keep working it till we do

40

00:02:21,190 --> 00:02:16,630

there we go i got two with a few threads

41

00:02:25,350 --> 00:02:22,630

drew you should be able to reach this

42

00:02:29,350 --> 00:02:27,430

i've got it okay

43

00:02:32,070 --> 00:02:29,360

and i can reach it

44

00:02:34,309 --> 00:02:32,080

our plan is coming together

45

00:02:37,750 --> 00:02:34,319

nice when that happens

46

00:02:39,990 --> 00:02:37,760

amen all right so uh greg the secondary

47

00:02:41,670 --> 00:02:40,000

lock on foot number two closed and

48

00:02:44,150 --> 00:02:41,680

locked

49

00:02:46,150 --> 00:02:44,160

i'm giving you wvs views of everything

50

00:02:48,470 --> 00:02:46,160

you can see everything's nice and smart

51
00:02:49,990 --> 00:02:48,480
no cross threading no troubles okay

52
00:02:51,509 --> 00:02:50,000
great i'm looking at number two i see

53
00:02:53,830 --> 00:02:51,519
that very well and i'll give you the

54
00:02:55,910 --> 00:02:53,840
theme on number three

55
00:02:58,309 --> 00:02:55,920
that foot number one is complete as well

56
00:02:59,190 --> 00:02:58,319
secondary locking v8 black on black with

57
00:03:02,630 --> 00:02:59,200
a good

58
00:03:06,869 --> 00:03:04,790
if you're looking after feustel

59
00:03:08,949 --> 00:03:06,879
very good representation of the size of

60
00:03:10,550 --> 00:03:08,959
the international space station

61
00:03:12,470 --> 00:03:10,560
as he

62
00:03:14,070 --> 00:03:12,480
continues his work to

63
00:03:17,350 --> 00:03:14,080

reroute some

64

00:03:19,750 --> 00:03:17,360

jumpers some cables associated with

65

00:03:22,070 --> 00:03:19,760

providing some redundancy american to

66

00:03:24,869 --> 00:03:22,080

russian converter units that transfer

67

00:03:26,630 --> 00:03:24,879

power from the u.s segment over to the

68

00:03:28,789 --> 00:03:26,640

russian segment of the station this is

69

00:03:31,270 --> 00:03:28,799

the bulk of the remaining tasks of the

70

00:03:33,190 --> 00:03:31,280

eva

71

00:03:35,589 --> 00:03:33,200

you're looking over the

72

00:03:38,229 --> 00:03:35,599

shoulder if you will of the helmet cam

73

00:03:40,789 --> 00:03:38,239

of mike fink as he

74

00:03:43,589 --> 00:03:40,799

has gathered the tools necessary to

75

00:03:46,630 --> 00:03:43,599

perform the next task in the

76

00:03:48,949 --> 00:03:46,640

timeline for eva number three this to

77

00:03:50,789 --> 00:03:48,959

put your feet down

78

00:03:52,470 --> 00:03:50,799

install a cable associated with the

79

00:03:57,030 --> 00:03:52,480

external wireless

80

00:03:59,910 --> 00:03:57,040

system on the us laboratory destiny

81

00:04:01,750 --> 00:03:59,920

nice view of the planet right there mike

82

00:04:03,509 --> 00:04:01,760

we should take a picture of mark

83

00:04:05,030 --> 00:04:03,519

that's a good idea

84

00:04:10,789 --> 00:04:05,040

there he's right here you don't need to

85

00:04:15,030 --> 00:04:13,030

yes thank you you're gonna drop off the

86

00:04:16,390 --> 00:04:15,040

lock bag near the airlock

87

00:04:18,870 --> 00:04:16,400

copy

88

00:04:20,789 --> 00:04:18,880

it's a view from fossils helmet camera

89

00:04:23,830 --> 00:04:20,799

you can see mission specialist mike fink

90

00:04:25,350 --> 00:04:23,840

making his way back to the airlock to

91

00:04:30,070 --> 00:04:25,360

put away some tools and get ready for

92

00:04:35,510 --> 00:04:33,030

from here fink is going to be moving uh

93

00:04:37,909 --> 00:04:35,520

to the pressurized mating adapter

94

00:04:39,749 --> 00:04:37,919

to begin uh restringing some this new

95

00:04:41,030 --> 00:04:39,759

cable on the starboard side this time as

96

00:04:43,270 --> 00:04:41,040

opposed to the port where he was working

97

00:04:46,070 --> 00:04:43,280

last time while fluster will be moving

98

00:04:47,990 --> 00:04:46,080

back to the zarya module for that end of

99

00:04:49,909 --> 00:04:48,000

the installation

100

00:04:50,950 --> 00:04:49,919

okay guys i think i have a plan to get

101
00:04:52,710 --> 00:04:50,960
in there

102
00:04:54,070 --> 00:04:52,720
an alternate route but uh

103
00:04:56,230 --> 00:04:54,080
looks clear

104
00:04:58,150 --> 00:04:56,240
the rat's nest living up to its name as

105
00:05:00,150 --> 00:04:58,160
mike fink tries to work around some

106
00:05:02,550 --> 00:05:00,160
existing cables as he tries to demate

107
00:05:04,310 --> 00:05:02,560
some old cables and string a new one

108
00:05:06,390 --> 00:05:04,320
there's a spot right here in my right

109
00:05:09,270 --> 00:05:06,400
where my head is

110
00:05:11,590 --> 00:05:09,280
yeah that's uh there's these cables here

111
00:05:13,749 --> 00:05:11,600
they're very um

112
00:05:15,270 --> 00:05:13,759
not loose but there's a lot of slack in

113
00:05:18,310 --> 00:05:15,280

them and i think i can just put my head

114

00:05:20,150 --> 00:05:18,320

in and reach for 638 and get it without

115

00:05:21,510 --> 00:05:20,160

a problem

116

00:05:23,590 --> 00:05:21,520

mission specialist mike fink given the

117

00:05:26,790 --> 00:05:23,600

go to begin mating his cables that he's

118

00:05:29,189 --> 00:05:26,800

been routing hey greg that j-138a is

119

00:05:32,710 --> 00:05:29,199

successfully mated good news

120

00:05:36,870 --> 00:05:34,790

hatch is now open as you can see inside

121

00:05:38,710 --> 00:05:36,880

the quest airlock allowing the crew to

122

00:05:40,070 --> 00:05:38,720

move out of the crew lock portion

123

00:05:41,110 --> 00:05:40,080

they're locking into the equipment lock

124

00:05:42,950 --> 00:05:41,120

where they'll be able to get out of