

A photograph of the Space Shuttle Columbia in orbit above Earth. The shuttle is oriented vertically, with its nose pointing towards the top of the frame. The Earth's surface is visible on the right side, showing a blue ocean and white clouds. The shuttle's white thermal protection system and various external components are clearly visible. A yellow label with the text "LAB1/07-09" is visible on the side of the orbiter. The text "Jack and Peggy's Excellent Adventure" is overlaid on the image in a stylized, white font with a black outline.

Jack and Peggy's
Excellent Adventure

1
00:00:08,980 --> 00:00:15,270
[Applause]

2
00:00:19,029 --> 00:00:17,189
we're gonna move them for you uh

3
00:00:21,670 --> 00:00:19,039
actually if you move them

4
00:00:43,350 --> 00:00:21,680
down so i can get a little more pork

5
00:00:48,310 --> 00:00:45,590
hey

6
00:00:52,229 --> 00:00:48,320
see you in the couch for one if you used

7
00:01:08,789 --> 00:00:54,549
two fish check the depressed pump man

8
00:01:08,799 --> 00:01:13,030
he's close

9
00:01:13,040 --> 00:01:16,789
please report your suit pressure gauge

10
00:01:22,230 --> 00:01:18,710
2.3

11
00:01:26,710 --> 00:01:24,870
copy 4.3 those are good numbers

12
00:01:28,630 --> 00:01:26,720
as far as day night passes today with

13
00:01:30,789 --> 00:01:28,640

our high beta angle you'll mostly just

14

00:01:32,390 --> 00:01:30,799

have dusk so you probably won't have any

15

00:01:34,950 --> 00:01:32,400

real night time looks like it's kind of

16

00:01:38,710 --> 00:01:34,960

dusk twilight right now so configure

17

00:01:38,720 --> 00:01:42,710

get mine on the way up

18

00:01:46,389 --> 00:01:44,469

copy looks like the thermal cover has

19

00:01:50,870 --> 00:01:46,399

already popped open so peggy you have a

20

00:02:44,710 --> 00:01:52,389

i need to come forward

21

00:02:48,630 --> 00:02:46,710

and peggy as you egress a reminder that

22

00:02:50,790 --> 00:02:48,640

your first step will be to attach your

23

00:02:54,949 --> 00:02:50,800

anchor hook to the forward external

24

00:02:54,959 --> 00:02:58,869

local down first

25

00:03:05,190 --> 00:03:02,070

my anchor hook is down bail is closed

26

00:03:08,149 --> 00:03:05,200

black on black real unlocked

27

00:03:08,949 --> 00:03:08,159

yellow is connected to the red

28

00:03:11,670 --> 00:03:08,959

block

29

00:03:15,190 --> 00:03:14,149

green rail is also unlocked so both

30

00:03:26,360 --> 00:03:15,200

unlocked

31

00:03:26,370 --> 00:03:29,910

[Applause]

32

00:03:34,550 --> 00:03:31,589

you'll be attaching two fish's anchor

33

00:03:36,390 --> 00:03:34,560

hooks to the airlock handrail 554 the

34

00:03:39,720 --> 00:03:36,400

handrail running starboard port on the

35

00:03:39,730 --> 00:03:43,990

[Music]

36

00:03:55,030 --> 00:03:46,630

on the port expansion

37

00:03:58,550 --> 00:03:56,789

with that you're in a good config peggy

38

00:04:05,990 --> 00:03:58,560

you can give two fish his go to release

39

00:04:11,030 --> 00:04:09,670

as you go and release when you're ready

40

00:04:15,429 --> 00:04:11,040

to fish your first move will be to

41

00:04:39,030 --> 00:04:15,439

transfer the mdm oru bag to peggy

42

00:04:46,469 --> 00:04:42,550

i got my vrt red on it i'm taking this

43

00:04:46,479 --> 00:04:54,469

it's off and on the diving extender

44

00:04:57,990 --> 00:04:56,230

copy two fish and of course when you're

45

00:05:04,150 --> 00:04:58,000

ready to egress you'll be taking the lab

46

00:05:16,469 --> 00:05:06,070

okay

47

00:05:20,550 --> 00:05:17,749

on the

48

00:05:27,670 --> 00:05:21,990

copy two fish and a reminder that you'll

49

00:05:27,680 --> 00:05:31,510

it's on 261 alpha

50

00:05:35,590 --> 00:05:33,270

you know with uh

51
00:05:38,710 --> 00:05:35,600
visor down right now peggy i actually

52
00:05:40,629 --> 00:05:38,720
have mine open right now

53
00:05:46,710 --> 00:05:40,639
in the shadow over here

54
00:05:46,720 --> 00:05:50,230
again

55
00:06:03,189 --> 00:05:53,189
bring it out a little bit just i can

56
00:06:07,510 --> 00:06:05,590
yeah keep going

57
00:06:08,870 --> 00:06:07,520
all right i see your rack paper handle

58
00:06:11,830 --> 00:06:08,880
down

59
00:06:13,990 --> 00:06:11,840
your right tab is up

60
00:06:16,469 --> 00:06:14,000
paper handle is down you need a camera

61
00:06:19,029 --> 00:06:16,479
so i can see the left tab

62
00:06:21,350 --> 00:06:19,039
okay both of those are up and you have a

63
00:06:23,270 --> 00:06:21,360

green light on your wds so you look

64

00:06:31,749 --> 00:06:23,280

pretty good there we'll take a baseline

65

00:06:36,710 --> 00:06:33,430

okay copy all those are good buddy

66

00:06:40,550 --> 00:06:39,029

peggy you'll be leading the translation

67

00:06:43,270 --> 00:06:40,560

as you know you'll be translating up to

68

00:06:45,189 --> 00:06:43,280

the epic mdm work site just port of the

69

00:06:46,790 --> 00:06:45,199

cedar spur on phase one

70

00:06:49,189 --> 00:06:46,800

and two fish as you know you'll be

71

00:06:51,350 --> 00:06:49,199

translating to the lab handrail 258

72

00:06:55,510 --> 00:06:51,360

nader on the lab via the high pressure

73

00:07:18,469 --> 00:06:57,589

that'll be that

74

00:07:25,990 --> 00:07:22,469

jack i poor man failing around the uh

75

00:07:29,110 --> 00:07:26,000

epfr there next to the toolboxes

76

00:07:29,120 --> 00:08:07,029

welcome them thanks

77

00:08:12,710 --> 00:08:09,909

and at the work site or at least next to

78

00:08:14,469 --> 00:08:12,720

the work site

79

00:08:17,110 --> 00:08:14,479

copy peggy you'll be temp sewing your

80

00:08:24,950 --> 00:08:17,120

mdm oru bag on top of the nader mdm

81

00:08:29,430 --> 00:08:26,869

i got my green truck handrail on two

82

00:08:33,430 --> 00:08:31,430

copy green hook on two five three two

83

00:08:34,389 --> 00:08:33,440

fish i have some warnings and a caution

84

00:08:37,589 --> 00:08:34,399

for you

85

00:08:39,350 --> 00:08:37,599

stay one foot from the uhf antennas

86

00:08:41,589 --> 00:08:39,360

do not translate on the gap spanners

87

00:08:43,110 --> 00:08:41,599

which are restraining the node three lab

88

00:08:45,110 --> 00:08:43,120

ammonia jumpers

89

00:08:47,269 --> 00:08:45,120

and a caution when you get over to the

90

00:08:54,389 --> 00:08:47,279

lab forward and cone do not use the

91

00:08:58,949 --> 00:08:56,230

two fish while leaving your brt right

92

00:09:02,070 --> 00:08:58,959

attached to handrail 261 alpha you can

93

00:09:04,710 --> 00:09:02,080

temp sew the ewc handrail bundle over on

94

00:09:09,509 --> 00:09:04,720

handrail two five eight

95

00:09:11,590 --> 00:09:09,519

using both fish stringer large hook

96

00:09:13,030 --> 00:09:11,600

happy two five eight

97

00:09:16,949 --> 00:09:13,040

got one

98

00:09:20,310 --> 00:09:18,710

trail

99

00:09:21,750 --> 00:09:20,320

move mine and then i'm gonna probably

100

00:09:24,870 --> 00:09:21,760

put the other one down just we'll have

101
00:09:24,880 --> 00:11:04,310
poppy

102
00:11:07,190 --> 00:11:05,670
and peggy once you have that still

103
00:11:09,509 --> 00:11:07,200
complete i'll take a glove and half

104
00:11:11,110 --> 00:11:09,519
check from you

105
00:11:27,110 --> 00:11:11,120
okay okay

106
00:11:30,310 --> 00:11:28,630
tap is still

107
00:11:32,710 --> 00:11:30,320
dry

108
00:11:38,389 --> 00:11:32,720
and gloves are still great

109
00:11:38,399 --> 00:11:48,069
copy peggy it's mdm number

110
00:11:51,829 --> 00:11:50,230
copy peggy that is as expected since we

111
00:11:53,829 --> 00:11:51,839
do have the time for it we would like

112
00:11:56,470 --> 00:11:53,839
you to take a minute to photograph the

113
00:11:58,310 --> 00:11:56,480

mdm and the receptacle in the area using

114

00:12:53,509 --> 00:11:58,320

your gopro and we'll take a view in your

115

00:12:57,430 --> 00:12:55,350

and two fish a reminder during your stow

116

00:12:58,949 --> 00:12:57,440

you'll want 262 alpha against the lab

117

00:13:03,190 --> 00:12:58,959

structure since the first one you'll be

118

00:13:03,200 --> 00:13:07,110

here's what i'll be installing

119

00:13:12,389 --> 00:13:09,829

i've got 261 on my vrt

120

00:13:15,990 --> 00:13:12,399

i have all three wire ties removed

121

00:13:18,230 --> 00:13:16,000

both ends of the fifth stringer on 258

122

00:13:19,990 --> 00:13:18,240

i have the jack cap

123

00:13:24,230 --> 00:13:20,000

261

124

00:13:24,240 --> 00:13:38,790

copy all two fish

125

00:13:43,509 --> 00:13:40,870

and two fish another warning and caution

126

00:13:46,150 --> 00:13:43,519

for you once installed do not contact

127

00:13:47,030 --> 00:13:46,160

the ewc antenna boom as it could spring

128

00:13:50,069 --> 00:13:47,040

back

129

00:13:51,829 --> 00:13:50,079

and once installed do not brt to the ewc

130

00:13:53,750 --> 00:13:51,839

antenna handrails

131

00:13:54,949 --> 00:13:53,760

copy that

132

00:13:58,389 --> 00:13:54,959

all right peg looks like you already

133

00:14:00,470 --> 00:13:58,399

have your brt on three four four five

134

00:14:02,470 --> 00:14:00,480

you can retrieve the red hook from the

135

00:14:04,710 --> 00:14:02,480

oru bag lid it's on the inside of the

136

00:14:06,550 --> 00:14:04,720

lid and attach it to the failed mdm

137

00:14:10,870 --> 00:14:06,560

tether point of course the zenith mdm

138

00:14:29,110 --> 00:14:12,710

and to fish i see you are on your way to

139

00:14:33,590 --> 00:14:31,430

peg good inspection you may or may not

140

00:14:34,790 --> 00:14:33,600

need to restrain that ethernet cable uh

141

00:14:37,509 --> 00:14:34,800

suggestion you could maybe you're saying

142

00:14:42,150 --> 00:14:37,519

that the 3445 or 3446 if it's going to

143

00:14:47,430 --> 00:14:44,470

two fish you'll be sliding handrail 261

144

00:14:49,910 --> 00:14:47,440

alpha aft to forward into the oh seat

145

00:14:54,550 --> 00:14:49,920

track reminder the antenna boom should

146

00:14:54,560 --> 00:14:57,350

i'll do that

147

00:15:01,670 --> 00:14:59,189

and peggy you'll first be releasing the

148

00:15:05,269 --> 00:15:01,680

secondary bolts expecting seven to

149

00:15:10,069 --> 00:15:07,509

i'll be secondary first

150

00:15:21,590 --> 00:15:10,079

i'll work on starbucks

151
00:15:24,870 --> 00:15:22,949
it's

152
00:15:28,629 --> 00:15:24,880
13 fern

153
00:15:30,790 --> 00:15:28,639
uh and it springs back by hand

154
00:15:38,150 --> 00:15:30,800
copy peggy 13 turns and the bolt sprung

155
00:15:42,550 --> 00:15:39,509
hey there in

156
00:15:47,110 --> 00:15:44,870
ready for settings

157
00:15:49,110 --> 00:15:47,120
copy two fish your settings are alpha

158
00:15:59,189 --> 00:15:49,120
two clockwise two

159
00:16:01,670 --> 00:15:59,199
and nine turns right

160
00:16:04,470 --> 00:16:01,680
you'll be driving those bolts 15 turns

161
00:16:09,030 --> 00:16:04,480
to 15 turns max to a hard stop yes

162
00:16:12,629 --> 00:16:10,150
the port

163
00:16:15,350 --> 00:16:12,639

secondary bolt is out and springs back

164

00:16:31,830 --> 00:16:17,350

copy peggy you can release the primary

165

00:16:47,829 --> 00:16:33,030

[Music]

166

00:16:47,839 --> 00:16:55,189

good george 3.0 8.1 turns on the

167

00:16:55,199 --> 00:17:07,429

copy

168

00:17:15,429 --> 00:17:10,069

i got a low torque message after five

169

00:17:20,069 --> 00:17:17,750

copy peggy low torque after five turns

170

00:17:21,590 --> 00:17:20,079

3.5 standby

171

00:17:23,110 --> 00:17:21,600

and two fish i got your report from the

172

00:17:26,549 --> 00:17:23,120

aft bolts did you have your report from

173

00:17:29,190 --> 00:17:27,909

trying to get that read off it kind of

174

00:17:32,150 --> 00:17:29,200

got jammed in

175

00:17:34,230 --> 00:17:32,160

south now moving to the ford bolt

176
00:17:35,669 --> 00:17:34,240
copy

177
00:17:40,470 --> 00:17:35,679
and peg we're still checking with the

178
00:17:44,549 --> 00:17:42,310
okay peggy first of all please check

179
00:17:46,310 --> 00:17:44,559
that you don't have any side loads

180
00:17:48,390 --> 00:17:46,320
and then we're going to drive that bolt

181
00:17:53,590 --> 00:17:48,400
one more turn

182
00:17:53,600 --> 00:17:58,310
level one

183
00:18:05,669 --> 00:18:01,029
we're both done jessica good

184
00:18:08,230 --> 00:18:05,679
light 3.1 on the torque 8.6 on the uh

185
00:18:12,390 --> 00:18:10,390
copy two fish please perform a tug test

186
00:18:16,470 --> 00:18:12,400
on the handrail

187
00:18:21,350 --> 00:18:19,990
copy peggy one turn complete

188
00:18:23,029 --> 00:18:21,360

and two fish looks like you're working

189

00:18:24,870 --> 00:18:23,039

on releasing the cable wire tie from the

190

00:18:26,390 --> 00:18:24,880

antenna boom you'll be securing that to

191

00:18:28,470 --> 00:18:26,400

the handrail and did you get a good tug

192

00:18:31,190 --> 00:18:28,480

test

193

00:18:31,200 --> 00:18:36,789

copy

194

00:18:41,430 --> 00:18:39,909

funny turns and as i was pulling it off

195

00:18:45,590 --> 00:18:41,440

i got a low torque

196

00:18:45,600 --> 00:18:49,029

copy peg standby

197

00:18:56,230 --> 00:18:50,950

okay peggy we concur it looks good and

198

00:18:59,430 --> 00:18:57,590

not quite

199

00:19:00,950 --> 00:18:59,440

hey peggy you can re-attempt releasing

200

00:19:04,870 --> 00:19:00,960

those same settings bravo one

201
00:19:04,880 --> 00:19:08,710
one counterclockwise two sets

202
00:19:13,510 --> 00:19:11,029
and two fish please ensure that the boom

203
00:19:27,110 --> 00:19:13,520
aligns with the handrail base alignment

204
00:19:31,190 --> 00:19:29,270
okay it's fully released now i did a

205
00:19:35,750 --> 00:19:31,200
total of 26 but i think it was out

206
00:19:35,760 --> 00:19:39,990
copy peggy you can temp steal your pgt

207
00:19:40,000 --> 00:19:44,390
okay

208
00:19:49,909 --> 00:19:45,750
and two fish you confirmed good

209
00:19:54,630 --> 00:19:52,789
copy that i see you're headed back to

210
00:19:57,029 --> 00:19:54,640
retrieve the next handrail you'll be

211
00:20:08,070 --> 00:19:57,039
reading to 262 alpha and releasing that

212
00:20:12,549 --> 00:20:10,230
all right peg you'll be sliding the

213
00:20:13,669 --> 00:20:12,559

failed mdm along the guide rails to

214

00:20:15,590 --> 00:20:13,679

remove it

215

00:20:17,190 --> 00:20:15,600

and as you do so whenever is a good time

216

00:20:19,590 --> 00:20:17,200

we'll take an inspection of the blind

217

00:20:39,270 --> 00:20:19,600

make connections on both the mdm and the

218

00:20:41,990 --> 00:20:40,390

i think you've got all these steps

219

00:20:44,070 --> 00:20:42,000

memorized two fish but as you know

220

00:20:46,870 --> 00:20:44,080

you'll be releasing the jack cap from

221

00:20:53,350 --> 00:20:46,880

juliet five alpha onto the with the fish

222

00:20:56,789 --> 00:20:54,950

yes yeah i think you know it's called

223

00:20:58,549 --> 00:20:56,799

for me to brt this

224

00:21:00,630 --> 00:20:58,559

um

225

00:21:03,110 --> 00:21:00,640

two five seven

226

00:21:05,190 --> 00:21:03,120

that was a little tricky on the last one

227

00:21:08,710 --> 00:21:05,200

i'm going to try uh

228

00:21:12,549 --> 00:21:08,720

going topsy-turvy on this one

229

00:21:14,870 --> 00:21:12,559

and uh going to uh i believe it's 266

230

00:21:26,549 --> 00:21:14,880

behind me

231

00:21:30,390 --> 00:21:28,390

okay we are good with that plan yeah the

232

00:21:32,870 --> 00:21:30,400

suggested was 258 like the other side

233

00:21:34,230 --> 00:21:32,880

but on the other side of 262 is 266 so

234

00:21:35,830 --> 00:21:34,240

we are good with whatever you think will

235

00:21:38,149 --> 00:21:35,840

work best we're ready to start with

236

00:21:41,029 --> 00:21:38,159

steps for the install

237

00:21:44,310 --> 00:21:41,039

once you grab the spare mdm we'll take

238

00:21:45,510 --> 00:21:44,320

an inspection of that one as well

239

00:21:47,590 --> 00:21:45,520

all right

240

00:21:50,390 --> 00:21:47,600

i had to get in the truck a bit to get

241

00:21:52,230 --> 00:21:50,400

that inspection down

242

00:21:53,830 --> 00:21:52,240

no problem we will take a safer handle

243

00:21:55,029 --> 00:21:53,840

inspection since you were in the trust

244

00:21:56,310 --> 00:21:55,039

as well

245

00:21:57,990 --> 00:21:56,320

and two fish looks like you've already

246

00:22:00,710 --> 00:21:58,000

depressed those buttons and are ready to

247

00:22:03,270 --> 00:22:00,720

find 262 alpha into the seat track

248

00:22:06,470 --> 00:22:03,280

reminder antenna boom towards lab

249

00:22:09,990 --> 00:22:08,230

i'll be back

250

00:22:12,470 --> 00:22:10,000

and two fish please be mindful of the

251
00:22:18,310 --> 00:22:12,480
second boom that you already installed

252
00:22:21,590 --> 00:22:19,590
it's a

253
00:22:22,710 --> 00:22:21,600
fun little bubble where we had in the

254
00:22:24,310 --> 00:22:22,720
coaster

255
00:22:26,230 --> 00:22:24,320
bubbled back up

256
00:22:27,909 --> 00:22:26,240
again but it's not any worse than it was

257
00:22:30,630 --> 00:22:27,919
before i don't know if you can still see

258
00:22:30,640 --> 00:22:34,549
copy page standby

259
00:22:34,559 --> 00:22:38,789
settings on this side right chester

260
00:22:42,310 --> 00:22:41,350
your settings are alpha two clockwise

261
00:22:43,430 --> 00:22:42,320
two

262
00:22:44,230 --> 00:22:43,440
a firm

263
00:23:32,470 --> 00:22:44,240

again

264

00:23:39,669 --> 00:23:35,029

good torque good green light 3.8

265

00:23:39,679 --> 00:23:53,400

copy two fish

266

00:24:03,029 --> 00:24:01,110

[Applause]

267

00:24:06,149 --> 00:24:03,039

peggy we'll be driving the primary bolt

268

00:24:18,549 --> 00:24:06,159

first your settings will be bravo one

269

00:24:24,870 --> 00:24:22,230

rava one clockwise two okay

270

00:24:26,710 --> 00:24:24,880

you'll be driving that bolt 23 turns

271

00:24:28,390 --> 00:24:26,720

only reminder you'll be reporting your

272

00:24:35,870 --> 00:24:28,400

max torque and then we'll give you those

273

00:24:35,880 --> 00:24:40,470

[Applause]

274

00:24:54,070 --> 00:24:43,590

3.8 on the tour good light and 3.29

275

00:24:54,080 --> 00:25:04,040

standby

276

00:25:09,990 --> 00:25:05,690

[Music]

277

00:25:15,990 --> 00:25:12,310

and two fish reminder that that pdgf is

278

00:25:16,000 --> 00:25:26,630

thank you

279

00:25:31,510 --> 00:25:28,230

and two fish what was your turn number

280

00:25:31,520 --> 00:25:34,870

8.29

281

00:25:43,190 --> 00:25:37,750

copy that that's a good install please

282

00:25:51,350 --> 00:25:45,750

yeah i got

283

00:25:55,000 --> 00:25:53,029

torch

284

00:25:56,149 --> 00:25:55,010

at 9.4

285

00:25:57,510 --> 00:25:56,159

[Applause]

286

00:25:58,870 --> 00:25:57,520

and

287

00:26:01,350 --> 00:25:58,880

i had 20

288

00:26:06,470 --> 00:26:01,360

unturned

289

00:26:06,480 --> 00:26:13,190

and two fish

290

00:26:17,830 --> 00:26:15,830

working on the connectors now but okay

291

00:26:20,470 --> 00:26:17,840

you're working that first bolt

292

00:26:21,669 --> 00:26:20,480

yeah to drive the new one in

293

00:26:23,909 --> 00:26:21,679

will you

294

00:26:25,990 --> 00:26:23,919

go down worked out for you yeah clothing

295

00:26:29,590 --> 00:26:26,000

is not a problem but my wobble on my

296

00:26:36,549 --> 00:26:31,830

and we see that in your wbs peggy we're

297

00:26:41,669 --> 00:26:38,710

okay peggy we're gonna have you

298

00:26:43,669 --> 00:26:41,679

re-attempt releasing that primary bolt

299

00:26:45,590 --> 00:26:43,679

your settings will be bravo one

300

00:26:46,950 --> 00:26:45,600

counterclockwise two and stem by one

301
00:26:51,029 --> 00:26:46,960
while we double check that wobble one

302
00:26:55,909 --> 00:26:52,390
yeah i think i'm going to probably need

303
00:27:00,950 --> 00:26:57,430
okay peg standby

304
00:27:00,960 --> 00:27:05,430
yeah or six inch bubble

305
00:27:10,390 --> 00:27:07,430
this guy's about to release these cables

306
00:27:12,549 --> 00:27:10,400
would this be a good time to just uh

307
00:27:15,990 --> 00:27:12,559
come over there and swap out pgt's with

308
00:27:23,909 --> 00:27:17,830
stand by two fish give us one minute to

309
00:27:26,870 --> 00:27:25,510
and two fish why don't you give me your

310
00:27:30,310 --> 00:27:26,880
status so we know where you're at right

311
00:27:34,630 --> 00:27:31,590
yeah i'm

312
00:27:35,990 --> 00:27:34,640
at 282 to release the wire ties and run

313
00:27:37,750 --> 00:27:36,000

the cables

314

00:27:41,430 --> 00:27:37,760

you can probably

315

00:27:44,389 --> 00:27:42,870

five minutes

316

00:27:46,070 --> 00:27:44,399

sure two fish while we make our decision

317

00:27:52,310 --> 00:27:46,080

here please ensure that the boom aligns

318

00:27:52,320 --> 00:27:57,830

scott thanks

319

00:28:01,750 --> 00:27:59,990

it is alive

320

00:28:03,510 --> 00:28:01,760

i think when that torque went up at the

321

00:28:05,750 --> 00:28:03,520

end just because

322

00:28:09,669 --> 00:28:05,760

it has to change my angle and that's

323

00:28:09,679 --> 00:28:12,789

peggy

324

00:28:16,310 --> 00:28:14,389

all right peg our plan is to have you

325

00:28:18,710 --> 00:28:16,320

stay there since we don't have that mdm

326

00:28:21,669 --> 00:28:18,720

secured into position yet two fish is

327

00:28:23,269 --> 00:28:21,679

complete with his pgt at this time so

328

00:28:24,470 --> 00:28:23,279

two fish we'd like you to leave your

329

00:28:26,149 --> 00:28:24,480

work site

330

00:28:30,470 --> 00:28:26,159

translate over to peggy and you can

331

00:28:33,110 --> 00:28:31,269

that

332

00:28:34,789 --> 00:28:33,120

maybe i'll use the

333

00:28:37,350 --> 00:28:34,799

translation path we talked about from

334

00:28:39,029 --> 00:28:37,360

five state crew here talk about psv2 and

335

00:30:02,630 --> 00:28:39,039

just hand it to you

336

00:30:02,640 --> 00:31:52,630

god

337

00:31:52,640 --> 00:32:12,870

body ma'am

338

00:32:15,590 --> 00:32:14,549

oh

339

00:32:18,389 --> 00:32:15,600

all right

340

00:32:20,710 --> 00:32:18,399

no problem okay

341

00:32:23,909 --> 00:32:20,720

i just wanted to leave my

342

00:32:25,509 --> 00:32:23,919

i'll hand you my pc

343

00:32:28,470 --> 00:32:25,519

hey you want me to take that adjustable

344

00:32:30,789 --> 00:32:28,480

off so it's easier for you

345

00:32:33,350 --> 00:32:30,799

uh i'm gonna take it off anyway

346

00:32:36,710 --> 00:32:33,360

oh because i know you don't like it

347

00:32:44,070 --> 00:32:40,149

such a considerate team member

348

00:32:49,269 --> 00:32:47,590

great expeditionary feels stupid

349

00:32:52,950 --> 00:32:49,279

there you go

350

00:33:08,630 --> 00:32:55,520

let me get this guy

351
00:33:08,640 --> 00:33:12,470
okay

352
00:33:14,950 --> 00:33:13,350
all right

353
00:33:16,230 --> 00:33:14,960
you're pgt

354
00:33:25,350 --> 00:33:16,240
thank you

355
00:33:30,230 --> 00:33:27,830
nice work guys well coordinated

356
00:33:33,350 --> 00:33:30,240
okay peggy with that new pgt you'll be

357
00:33:35,029 --> 00:33:33,360
in bravo one counterclockwise two

358
00:33:36,870 --> 00:33:35,039
we'd like you to reattempt releasing the

359
00:33:40,149 --> 00:33:36,880
primary bolt you'll be using as many

360
00:33:41,830 --> 00:33:40,159
turns as necessary to get there

361
00:33:43,190 --> 00:33:41,840
and to fish your tether will be already

362
00:33:44,310 --> 00:33:43,200
running back to the lap since you left

363
00:33:47,990 --> 00:33:44,320

your green hook there so it should be a

364

00:33:48,000 --> 00:33:50,950

yeah

365

00:33:58,310 --> 00:33:54,470

uh somebody left the lights on so

366

00:33:58,320 --> 00:34:04,830

and it's awful

367

00:34:09,030 --> 00:34:07,190

pretty we can cartoon fish we're also

368

00:34:09,990 --> 00:34:09,040

enjoying the view we're also enjoying

369

00:34:23,589 --> 00:34:10,000

the view

370

00:34:27,589 --> 00:34:26,389

all right it's 23 turns out and it's

371

00:34:33,750 --> 00:34:27,599

free

372

00:34:33,760 --> 00:35:22,550

copy peg standby

373

00:35:26,630 --> 00:35:24,870

okay peg you can remove the mdm we're

374

00:35:28,390 --> 00:35:26,640

going to verify that there's no fod near

375

00:35:30,630 --> 00:35:28,400

the connector end of the mdm the

376

00:35:36,950 --> 00:35:30,640

receptacle or the wedge and no damage to

377

00:35:53,750 --> 00:35:38,630

a little sod

378

00:35:56,470 --> 00:35:54,950

and two fish when you get back to the

379

00:35:59,910 --> 00:35:56,480

work site we'll have you stand by for a

380

00:36:04,390 --> 00:36:01,750

kind of hard to feed into the hole

381

00:36:04,400 --> 00:36:09,030

where the bolt was going into

382

00:36:14,470 --> 00:36:10,390

it does look like there's a little bit

383

00:36:19,829 --> 00:36:16,230

and that spot around the edge of the

384

00:36:21,270 --> 00:36:19,839

receptacle where the primary bolt goes

385

00:36:24,550 --> 00:36:21,280

that is correct

386

00:36:31,190 --> 00:36:24,560

that much much better than i did

387

00:36:35,270 --> 00:36:32,710

all right peggy we are assessing that

388

00:36:36,470 --> 00:36:35,280

down here so please give us a moment

389

00:36:38,470 --> 00:36:36,480

i guess while you're waiting you could

390

00:36:39,829 --> 00:36:38,480

also take a look at those blind make

391

00:36:41,430 --> 00:36:39,839

connections and make sure that none of

392

00:36:45,430 --> 00:36:41,440

the fod made its way into any of the

393

00:36:50,310 --> 00:36:47,910

okay you want me to

394

00:36:56,870 --> 00:36:50,320

stop these cables while

395

00:37:01,349 --> 00:36:59,670

two fish we'll have you stand by for now

396

00:37:06,390 --> 00:37:01,359

verified and i don't think that's

397

00:37:11,510 --> 00:37:09,670

copy peg

398

00:37:13,270 --> 00:37:11,520

okay guys we've got a plan in motion

399

00:37:16,230 --> 00:37:13,280

here what we're gonna do peggy is have

400

00:37:18,069 --> 00:37:16,240

you clean the receptacle side uh we are

401
00:37:19,589 --> 00:37:18,079
50 seconds from an los here so i'll

402
00:37:21,589 --> 00:37:19,599
continue until i lose you and then i'll

403
00:37:23,589 --> 00:37:21,599
pick you up two fish we would like you

404
00:37:25,910 --> 00:37:23,599
to return to the air lock so that you

405
00:37:29,030 --> 00:37:25,920
can get the cleaner connector tool which

406
00:37:39,829 --> 00:37:29,040
is in the staging bag

407
00:37:43,109 --> 00:37:41,349
and two fish you can pick up your green

408
00:37:59,589 --> 00:37:43,119
hook on the way back to the airlock

409
00:38:02,150 --> 00:38:00,790
i'm going to go ahead and go to the

410
00:38:04,630 --> 00:38:02,160
airlock now

411
00:38:06,390 --> 00:38:04,640
all right big okay great

412
00:38:08,310 --> 00:38:06,400
so two fish when you get back to the

413
00:38:09,910 --> 00:38:08,320

airlock we're gonna have you leave that

414

00:38:11,750 --> 00:38:09,920

pgt in there

415

00:38:14,069 --> 00:38:11,760

you will retrieve the connector cleaner

416

00:38:16,950 --> 00:38:14,079

tool from the staging bag and you'll

417

00:38:19,190 --> 00:38:16,960

also need to retrieve the gtech bag

418

00:38:21,750 --> 00:38:19,200

which should be on its own rhett we use

419

00:38:24,630 --> 00:38:21,760

that to cover the connectors while we

420

00:38:26,069 --> 00:38:24,640

are cleaning the receptacle

421

00:38:31,430 --> 00:38:26,079

jessica would you like me to throw the

422

00:38:31,440 --> 00:38:38,870

standby peg

423

00:38:41,829 --> 00:38:40,069

and peggy it doesn't need to go in the

424

00:38:43,910 --> 00:38:41,839

bag you can just temp sew it however you

425

00:38:45,270 --> 00:38:43,920

see best to get it out of the way big

426
00:38:47,510 --> 00:38:45,280
picture here you'll be using that

427
00:38:49,829 --> 00:38:47,520
connector cleaner tool to clean out that

428
00:38:51,430 --> 00:38:49,839
receptacle so hopefully when we re-drive

429
00:40:22,550 --> 00:38:51,440
the bolts we won't have any metal

430
00:40:22,560 --> 00:40:34,309
copy thermal cover two fish

431
00:40:37,589 --> 00:40:35,750
and so once again two fish you'll be

432
00:40:39,430 --> 00:40:37,599
sewing your pgt in the airlock

433
00:40:51,430 --> 00:40:39,440
retrieving connector cleaner tool and

434
00:40:56,710 --> 00:40:53,990
there may bag metal shavings around the

435
00:40:59,190 --> 00:40:56,720
boat hole stepped to the area around the

436
00:41:00,309 --> 00:40:59,200
ball hole

437
00:41:02,309 --> 00:41:00,319
copy peggy and that's what we're

438
00:41:03,910 --> 00:41:02,319

intending to clean the bolt hole so the

439

00:41:06,470 --> 00:41:03,920

receptacle on the truss side where the

440

00:41:08,390 --> 00:41:06,480

bolt will go into

441

00:41:10,630 --> 00:41:08,400

maybe easier if i just go in and hold

442

00:41:11,510 --> 00:41:10,640

the jeep back over those blind mates and

443

00:41:13,430 --> 00:41:11,520

then

444

00:41:14,550 --> 00:41:13,440

if jack squirts the

445

00:41:16,790 --> 00:41:14,560

thing

446

00:41:18,390 --> 00:41:16,800

if i get in the trust and

447

00:41:23,270 --> 00:41:18,400

position to hold the gtech over the

448

00:41:23,280 --> 00:41:28,790

we're good with that plan peggy

449

00:41:28,800 --> 00:41:31,589

there's a

450

00:41:34,470 --> 00:41:33,190

socket caddy

451
00:41:36,630 --> 00:41:34,480
on

452
00:41:37,829 --> 00:41:36,640
the staging bag

453
00:41:41,030 --> 00:41:37,839
uh

454
00:41:43,670 --> 00:41:41,040
now the six inch wobble is on a ratchet

455
00:41:52,790 --> 00:41:43,680
yeah but i got that two inch so in order

456
00:41:56,630 --> 00:41:54,309
all right i'm gonna stuff that in my

457
00:41:59,030 --> 00:41:56,640
trash bag

458
00:42:02,069 --> 00:41:59,040
the two inch and then and then i can

459
00:42:03,910 --> 00:42:02,079
step the six inch

460
00:42:05,430 --> 00:42:03,920
you don't need to remove the wobble

461
00:42:07,349 --> 00:42:05,440
socket from the pgt we were just

462
00:42:12,069 --> 00:42:07,359
suggesting you leave the entire pgt in

463
00:42:16,870 --> 00:42:14,710

but you're going to need a

464

00:42:20,390 --> 00:42:16,880

7 sixteenths right

465

00:42:20,400 --> 00:42:25,430

height eights on it

466

00:42:42,230 --> 00:42:27,430

we should be fine using the pgt that

467

00:42:46,309 --> 00:42:45,030

that the ppg was broke too

468

00:42:48,230 --> 00:42:46,319

okay

469

00:42:51,589 --> 00:42:48,240

negative the connector cleaner tool kit

470

00:42:53,349 --> 00:42:51,599

got it and i'm still on the other one

471

00:42:55,349 --> 00:42:53,359

apron connector cleaner tool and also

472

00:42:59,190 --> 00:42:55,359

the gtech bag which is on its separate

473

00:43:06,069 --> 00:43:01,270

you got it

474

00:43:10,790 --> 00:43:08,550

we're here to make things easy for you

475

00:43:24,309 --> 00:43:10,800

peggy we'll take a glove and have check

476
00:43:28,790 --> 00:43:26,550
copy peggy and if you can while you're

477
00:43:30,790 --> 00:43:28,800
in the trust access your gopro we'd also

478
00:43:36,870 --> 00:43:30,800
like you to get some gopro footage of

479
00:43:57,750 --> 00:43:38,069
okay

480
00:44:04,309 --> 00:44:00,069
hey guys i guess we got

481
00:44:06,309 --> 00:44:04,319
pgt's both in the staging bag

482
00:44:10,309 --> 00:44:06,319
i got the connector cleaner tool kit on

483
00:44:13,430 --> 00:44:10,319
my swing arm and i got

484
00:44:15,829 --> 00:44:13,440
g-check behind my mws

485
00:44:24,630 --> 00:44:15,839
everything's ready

486
00:44:28,150 --> 00:44:26,470
copy that two fish i see you closing the

487
00:44:29,589 --> 00:44:28,160
thermal cover we'll take it

488
00:44:31,190 --> 00:44:29,599

from down here

489

00:44:48,230 --> 00:44:31,200

we'll take a safer handle check and a

490

00:44:48,240 --> 00:44:52,309

gloves are still pristine happens right

491

00:44:55,750 --> 00:44:53,990

copy two fish you can proceed up to

492

00:44:57,270 --> 00:44:55,760

peggy so that'll be that port bay where

493

00:45:01,109 --> 00:44:57,280

you just were just pour to the sea to

494

00:45:05,829 --> 00:45:04,150

you want me uh

495

00:45:06,950 --> 00:45:05,839

how about i just come the same way i

496

00:45:10,470 --> 00:45:06,960

just won't

497

00:45:12,710 --> 00:45:10,480

yeah fairly i think that'll be perfect

498

00:45:14,710 --> 00:45:12,720

it's a little quicker yeah we concur

499

00:45:19,510 --> 00:45:14,720

with a tether plan just keep peggy's in

500

00:45:19,520 --> 00:45:22,150

got it

501
00:45:22,160 --> 00:45:29,349
[Applause]

502
00:46:12,829 --> 00:45:31,750
ready to make your weight boss no no

503
00:46:16,950 --> 00:46:15,349
right hey

504
00:46:23,349 --> 00:46:16,960
this time i'm on your starboard side

505
00:46:26,950 --> 00:46:25,109
okay and we are good with that plan

506
00:46:29,910 --> 00:46:26,960
peggy of you holding that

507
00:46:31,829 --> 00:46:29,920
bag to protect the blind mate connectors

508
00:46:33,990 --> 00:46:31,839
and then two fish will engage the

509
00:46:35,910 --> 00:46:34,000
connector cleaner tool once you guys are

510
00:46:37,510 --> 00:46:35,920
in a good position for those connector

511
00:46:42,309 --> 00:46:37,520
cleaner tool steps let me know and we

512
00:46:45,829 --> 00:46:43,510
okay

513
00:46:47,670 --> 00:46:45,839

there's a local down and i've got my

514

00:46:50,550 --> 00:46:47,680

feet inside the chest you don't need to

515

00:46:51,990 --> 00:46:50,560

pop in further out of your way

516

00:46:53,510 --> 00:46:52,000

is that going to be good

517

00:46:55,589 --> 00:46:53,520

for me yeah because you're going to

518

00:46:57,829 --> 00:46:55,599

reach right here

519

00:46:59,510 --> 00:46:57,839

oh roger

520

00:47:03,430 --> 00:46:59,520

i'm going to put the gtech on there and

521

00:47:06,710 --> 00:47:05,670

it's a lovely little piece

522

00:47:08,390 --> 00:47:06,720

yeah

523

00:47:10,790 --> 00:47:08,400

sorry i got it

524

00:47:12,630 --> 00:47:10,800

don't worry

525

00:47:17,190 --> 00:47:12,640

either

526

00:47:21,109 --> 00:47:19,030

and peggy a reminder you have some heat

527

00:47:22,710 --> 00:47:21,119

pipes that'll be by your feet kind of

528

00:47:27,510 --> 00:47:22,720

funny your knees do as well there so

529

00:47:30,950 --> 00:47:28,870

okay

530

00:47:35,910 --> 00:47:30,960

those are the

531

00:47:38,150 --> 00:47:36,950

copy

532

00:47:41,109 --> 00:47:38,160

two fish you'll be rotating the

533

00:47:43,190 --> 00:47:41,119

cartridge past the black lined puncture

534

00:47:44,230 --> 00:47:43,200

inserting the nozzle into the suspect

535

00:47:46,309 --> 00:47:44,240

stanchion

536

00:47:48,470 --> 00:47:46,319

and depressing the trigger and moving

537

00:47:52,790 --> 00:47:48,480

the nozzle back and forth and inside and

538

00:47:56,710 --> 00:47:54,710

okay

539

00:47:58,549 --> 00:47:56,720

here we go i'm ready

540

00:48:00,309 --> 00:47:58,559

to fish we'd like you to focus on that

541

00:48:02,069 --> 00:48:00,319

center bolt if you think it's completely

542

00:48:03,510 --> 00:48:02,079

clear you can use the remainder of the

543

00:48:11,589 --> 00:48:03,520

cartridge and the receptacles for the

544

00:48:15,270 --> 00:48:13,589

copy all three look clean great work

545

00:48:19,430 --> 00:48:15,280

guys

546

00:48:23,030 --> 00:48:21,030

yeah and once you're done sewing the

547

00:48:24,630 --> 00:48:23,040

connector cleaner tool kit either one of

548

00:48:53,190 --> 00:48:24,640

you could take photos either with a

549

00:48:57,829 --> 00:48:55,510

and for cleanup peggy you can put that

550

00:49:00,309 --> 00:48:57,839

gtech bag in the mdm bag and you'll

551
00:49:02,069 --> 00:49:00,319
bring that back with you two fish if you

552
00:49:03,510 --> 00:49:02,079
don't mind leaving the connector cleaner

553
00:49:04,950 --> 00:49:03,520
tool kit on you if that's not going to

554
00:49:10,630 --> 00:49:04,960
be in your way you can just keep it with

555
00:49:13,990 --> 00:49:12,150
okay

556
00:49:18,230 --> 00:49:14,000
he doesn't have a pc i think he's got

557
00:49:23,910 --> 00:49:19,750
okay

558
00:49:26,309 --> 00:49:23,920
and i've got a gopro view

559
00:49:33,829 --> 00:49:26,319
of jax clean stuff

560
00:49:38,710 --> 00:49:35,750
what do you want to do with this gtech

561
00:49:39,730 --> 00:49:38,720
uh she wants me to take it back so

562
00:49:47,490 --> 00:49:39,740
um

563
00:49:47,500 --> 00:49:55,510

[Applause]

564

00:49:58,950 --> 00:49:56,870

and once you guys are cleaned up there

565

00:50:01,030 --> 00:49:58,960

are two fish we will have you return to

566

00:50:03,109 --> 00:50:01,040

your work sir your work site so once

567

00:50:05,750 --> 00:50:03,119

again you can leave your green hook on

568

00:50:07,510 --> 00:50:05,760

that same handrail on 253.

569

00:50:09,109 --> 00:50:07,520

okay

570

00:50:10,829 --> 00:50:09,119

while i'm here i'll just take some

571

00:50:12,790 --> 00:50:10,839

pictures

572

00:50:17,030 --> 00:50:12,800

okay

573

00:50:17,040 --> 00:50:22,549

yeah i got a rat there's a bag

574

00:50:22,559 --> 00:50:28,390

swap it on for the jeep

575

00:50:33,430 --> 00:50:31,190

thank you for your assistance

576
00:50:36,470 --> 00:50:33,440
good job

577
00:50:40,549 --> 00:50:37,829
all right now i'm

578
00:50:42,230 --> 00:50:40,559
out of your way

579
00:50:46,630 --> 00:50:42,240
do your thing

580
00:50:46,640 --> 00:50:55,349
no more malfunctions

581
00:50:58,470 --> 00:50:56,950
and peggy once you egress the trust

582
00:51:03,670 --> 00:50:58,480
there as you're doing we'll take a safer

583
00:51:07,750 --> 00:51:05,510
so two fish you will be picking up where

584
00:51:10,230 --> 00:51:07,760
you left off so after you put your green

585
00:51:13,109 --> 00:51:10,240
hook down there on 253 you'll be

586
00:51:18,230 --> 00:51:13,119
proceeding out to the lab forward wagon

587
00:51:23,030 --> 00:51:20,950
oh my gosh do you guys have my wps right

588
00:51:29,030 --> 00:51:23,040

now

589

00:51:32,150 --> 00:51:31,030

yeah

590

00:51:37,349 --> 00:51:32,160

copy

591

00:51:37,359 --> 00:51:40,230

wow

592

00:51:43,510 --> 00:51:41,589

and peggy we will take another

593

00:51:45,750 --> 00:51:43,520

inspection on the mdm as you're pulling

594

00:51:47,510 --> 00:51:45,760

out of the bag so any order the co-firm

595

00:51:51,510 --> 00:51:47,520

the blind mate connectors and the nzgl

596

00:51:55,510 --> 00:51:53,190

just that small bubble we talked about

597

00:51:57,270 --> 00:51:55,520

before

598

00:52:07,829 --> 00:51:57,280

and

599

00:52:09,109 --> 00:52:07,839

good for speaking

600

00:52:10,470 --> 00:52:09,119

copy all

601
00:52:12,390 --> 00:52:10,480
you can align the guide pins with the

602
00:52:13,670 --> 00:52:12,400
guide rails and slide the epic mdm into

603
00:52:15,349 --> 00:52:13,680
soft stock

604
00:52:17,990 --> 00:52:15,359
the two fish you're looking for handrail

605
00:52:26,309 --> 00:52:18,000
282 that's the one that runs radially in

606
00:52:37,990 --> 00:52:28,390
copy and you'll be releasing wire ties

607
00:52:42,710 --> 00:52:40,390
130 from a brief handover

608
00:52:45,670 --> 00:52:42,720
peggy your pgt settings will be bravo

609
00:52:47,030 --> 00:52:45,680
one clockwise two

610
00:52:49,430 --> 00:52:47,040
and a reminder you'll be driving the

611
00:52:51,750 --> 00:52:49,440
primary bolt 23 turns only we'll take

612
00:52:54,470 --> 00:52:51,760
your max torque and one minute from that

613
00:52:59,190 --> 00:52:56,150

pretty good

614

00:53:03,109 --> 00:53:00,549

l.a moves

615

00:53:09,190 --> 00:53:04,470

great commercial where that sumo

616

00:53:18,470 --> 00:53:11,190

not to hit anything

617

00:53:21,510 --> 00:53:20,150

we're still talking it down here peg so

618

00:53:23,589 --> 00:53:21,520

stand by hopefully we'll have an answer

619

00:53:27,030 --> 00:53:23,599

shortly

620

00:53:27,040 --> 00:53:32,150

you want to get it right

621

00:53:32,160 --> 00:53:35,670

we don't need it

622

00:53:40,309 --> 00:53:38,549

yes guys you can back me up i'm looking

623

00:53:42,710 --> 00:53:40,319

uh p5

624

00:53:45,910 --> 00:53:42,720

going to j5

625

00:53:47,750 --> 00:53:45,920

85 alpha correct

626

00:53:49,910 --> 00:53:47,760

a firm so you'll be removing the plug

627

00:53:51,430 --> 00:53:49,920

cap from papa 5

628

00:53:53,030 --> 00:53:51,440

a reminder that you'll need to ret to

629

00:53:54,790 --> 00:53:53,040

that plug cap

630

00:53:57,510 --> 00:53:54,800

and that you are looking at a connection

631

00:54:05,430 --> 00:53:57,520

between between juliet 5 alpha and papa

632

00:54:27,190 --> 00:54:06,950

and of course we'll take an inspection

633

00:54:30,950 --> 00:54:29,430

any inspection of

634

00:54:33,349 --> 00:54:30,960

e5

635

00:54:37,310 --> 00:54:33,359

bmi band november

636

00:54:37,320 --> 00:54:43,829

[Music]

637

00:54:47,910 --> 00:54:45,270

okay peggy we'd like you to keep those

638

00:54:52,630 --> 00:54:47,920

same settings bravo one clockwise two

639

00:54:55,829 --> 00:54:52,640

and go for 2.5 more turns

640

00:54:59,109 --> 00:54:55,839

all right five more turns

641

00:55:03,510 --> 00:55:01,510

um i got the fish stringer on me it's

642

00:55:06,230 --> 00:55:03,520

got four caps on it

643

00:55:07,430 --> 00:55:06,240

bringing p6 with me and i'm heading over

644

00:55:10,309 --> 00:55:07,440

to

645

00:55:11,829 --> 00:55:10,319

nate p5 now

646

00:55:15,190 --> 00:55:11,839

okay copy and you did make sure that

647

00:55:18,630 --> 00:55:15,200

that plug lever on 262l antenna boom j5

648

00:55:22,230 --> 00:55:20,470

it's not connected yet

649

00:55:23,270 --> 00:55:22,240

second

650

00:55:25,430 --> 00:55:23,280

okay copy that you're gonna do the

651
00:55:27,430 --> 00:55:25,440
connection next

652
00:55:32,549 --> 00:55:27,440
okay peggy we'll do that one more time

653
00:55:36,950 --> 00:55:35,430
jessica where do you want me cabling

654
00:55:39,109 --> 00:55:36,960
for um

655
00:55:42,390 --> 00:55:39,119
open the

656
00:55:45,829 --> 00:55:44,069
table

657
00:55:47,589 --> 00:55:45,839
yeah two fish you were cutting out a bit

658
00:55:49,829 --> 00:55:47,599
on that but i think you're asking where

659
00:55:52,549 --> 00:55:49,839
you want to clean up that extra cable

660
00:55:57,670 --> 00:55:55,190
and we have a good connection over

661
00:56:00,950 --> 00:55:57,680
center lock

662
00:56:02,710 --> 00:56:00,960
forward on the

663
00:56:03,750 --> 00:56:02,720

a5 a

664

00:56:05,030 --> 00:56:03,760

2

665

00:56:09,349 --> 00:56:05,040

c5

666

00:56:14,150 --> 00:56:12,549

okay we copy so we had those cable

667

00:56:15,910 --> 00:56:14,160

slack clean up towards the end when you

668

00:56:18,390 --> 00:56:15,920

were finished but if you want to do any

669

00:56:20,789 --> 00:56:18,400

of that now we were just suggesting a

670

00:56:23,030 --> 00:56:20,799

low profile and bringing the slack

671

00:56:27,190 --> 00:56:23,040

towards the end cone

672

00:56:29,670 --> 00:56:27,200

okay i got a green light 0.5 turns

673

00:56:32,069 --> 00:56:29,680

copy 0.5 turns green light

674

00:56:33,030 --> 00:56:32,079

okay good emi band no fudge you've been

675

00:56:40,950 --> 00:56:33,040

pinned

676
00:56:46,710 --> 00:56:45,430
copy two fish a firm go to me

677
00:56:48,390 --> 00:56:46,720
i'm gonna

678
00:56:50,950 --> 00:56:48,400
go back and round it under some other

679
00:56:54,789 --> 00:56:52,470
we copy

680
00:56:56,789 --> 00:56:54,799
all right peggy what we're gonna do now

681
00:56:58,150 --> 00:56:56,799
is start driving the secondary bolts but

682
00:56:59,910 --> 00:56:58,160
we're going to actually start doing that

683
00:57:00,789 --> 00:56:59,920
by hand given the signature that we're

684
00:57:02,789 --> 00:57:00,799
seeing

685
00:57:14,950 --> 00:57:02,799
so you have a go to start

686
00:57:18,549 --> 00:57:16,789
and peg with those hand turns just one

687
00:57:20,069 --> 00:57:18,559
turn will be enough and then we'll go

688
00:57:23,270 --> 00:57:20,079

back to the pgt so i'll give you

689

00:57:24,549 --> 00:57:23,280

settings after those hand turns

690

00:57:27,510 --> 00:57:24,559

i might have gotten more than that i

691

00:57:33,030 --> 00:57:27,520

wasn't sure if i was engaging on the

692

00:57:33,040 --> 00:57:37,430

i've got one turn on the fabric side

693

00:57:37,440 --> 00:57:43,430

copy

694

00:57:43,440 --> 00:57:47,190

two fish what's your status

695

00:57:51,829 --> 00:57:49,670

i coiling the cables

696

00:57:53,589 --> 00:57:51,839

and then uh running them i kind of have

697

00:57:57,430 --> 00:57:53,599

to cl i have to coil them before i

698

00:57:57,440 --> 00:58:01,190

we copy

699

00:58:05,670 --> 00:58:03,510

okay peggy we have a go to start driving

700

00:58:07,829 --> 00:58:05,680

the port bolt this time so we'll be back

701
00:58:09,349 --> 00:58:07,839
to those original settings bravo one

702
00:58:16,069 --> 00:58:09,359
clockwise two

703
00:58:19,510 --> 00:58:18,230
okay and stand by there before you drive

704
00:58:26,950 --> 00:58:19,520
peggy did you get a good green light as

705
00:58:26,960 --> 00:58:31,910
copy low torque on the previous nine

706
00:58:35,190 --> 00:58:33,349
all right peg here go to drive in that

707
00:58:38,069 --> 00:58:35,200
alpha three setting so you'll be driving

708
00:58:40,069 --> 00:58:38,079
that port bolt two torque

709
00:58:44,390 --> 00:58:40,079
and two fish you'll watch the antenna by

710
00:58:48,870 --> 00:58:46,390
okay we'd now like you to return to that

711
00:58:58,470 --> 00:58:48,880
starboard side bolt with the setting of

712
00:59:03,349 --> 00:59:00,230
and we'll be going to torque see how

713
00:59:06,549 --> 00:59:03,359

many turns you can get

714

00:59:08,150 --> 00:59:06,559

okay alpha two clockwise two correct

715

00:59:09,270 --> 00:59:08,160

a-frame

716

00:59:10,870 --> 00:59:09,280

looks like you had a good connection

717

00:59:14,150 --> 00:59:10,880

there two fish and double check that the

718

00:59:16,870 --> 00:59:14,160

lever is over center pull forward

719

00:59:19,109 --> 00:59:16,880

resolver center full forward

720

00:59:23,510 --> 00:59:19,119

point 0.24 turn

721

00:59:30,470 --> 00:59:28,390

0.24 turns 3.6 green light standby

722

00:59:32,549 --> 00:59:30,480

now negative 2

723

00:59:47,109 --> 00:59:32,559

2.24

724

00:59:50,549 --> 00:59:48,870

so two fish i know that you were routing

725

00:59:52,710 --> 00:59:50,559

as you were going there if you have

726

00:59:54,390 --> 00:59:52,720

anything else any other slack to route

727

00:59:56,470 --> 00:59:54,400

you can do that toward the lab forward

728

01:00:00,150 --> 00:59:56,480

and cone and secure the cables low

729

01:00:03,030 --> 01:00:00,160

profile using your wire ties

730

01:00:06,789 --> 01:00:04,870

all right peggy great news we have a

731

01:00:08,789 --> 01:00:06,799

good install everybody's happy with

732

01:00:12,069 --> 01:00:08,799

those bolts so at this time you can

733

01:00:14,309 --> 01:00:12,079

steal your pgt and retrieve your reps

734

01:00:16,630 --> 01:00:14,319

i'm just playing with cables trying to

735

01:00:18,309 --> 01:00:16,640

make it look pretty over here good you

736

01:00:20,069 --> 01:00:18,319

have to look at the window i'm seeing

737

01:00:21,589 --> 01:00:20,079

your work are you better

738

01:00:35,109 --> 01:00:21,599

careful

739

01:00:38,950 --> 01:00:36,950

copy peg you can retrieve the ethernet

740

01:00:40,829 --> 01:00:38,960

cable from its temp so location and will

741

01:00:43,430 --> 01:00:40,839

take an inspection before you

742

01:00:47,430 --> 01:00:43,440

connect i retrieved my rat that was on

743

01:00:47,440 --> 01:00:50,710

poppy peggy

744

01:00:54,549 --> 01:00:52,549

and two fish for you looks like you

745

01:00:56,630 --> 01:00:54,559

might be too good with your clean up

746

01:00:58,630 --> 01:00:56,640

there we do actually want a little bit

747

01:01:00,470 --> 01:00:58,640

of slack in the cable so if you could go

748

01:01:03,030 --> 01:01:00,480

back and take a look at the connection

749

01:01:03,829 --> 01:01:03,040

you made between juliet 6 alpha and papa

750

01:01:05,510 --> 01:01:03,839

6

751

01:01:07,030 --> 01:01:05,520

double check that that lever is still

752

01:01:11,190 --> 01:01:07,040

full forward and that there is a little

753

01:01:12,470 --> 01:01:11,200

bit of slack at that connection point

754

01:01:14,150 --> 01:01:12,480

there's a little bit of slack at the

755

01:01:16,549 --> 01:01:14,160

connection point it is still connected

756

01:01:19,190 --> 01:01:16,559

full forward

757

01:01:20,230 --> 01:01:19,200

okay and i have a good inspection of

758

01:01:22,549 --> 01:01:20,240

both the

759

01:01:25,990 --> 01:01:22,559

table and

760

01:01:26,000 --> 01:01:31,510

youtube

761

01:01:41,510 --> 01:01:33,589

copy pay you have a go to mate with a

762

01:01:48,789 --> 01:01:43,270

and two fish is there also some slack in

763

01:01:53,270 --> 01:01:50,069

you know

764

01:02:00,390 --> 01:01:53,280

sure i can make them never over center

765

01:02:03,510 --> 01:02:01,910

that'd be great to fish we'd like you to

766

01:02:05,670 --> 01:02:03,520

create a little bit of slack there and

767

01:02:07,829 --> 01:02:05,680

then recheck the levers and we copied a

768

01:02:09,990 --> 01:02:07,839

good connection for you peggy

769

01:02:11,670 --> 01:02:10,000

at this point peg you can double check

770

01:02:14,390 --> 01:02:11,680

the cable that has the wire tie on

771

01:02:16,549 --> 01:02:14,400

handrail 3446 just to make sure that

772

01:02:25,589 --> 01:02:16,559

everything is still clear of the mt path

773

01:02:31,589 --> 01:02:27,349

copy peggy with that you can give

774

01:02:33,109 --> 01:02:31,599

houston your go to power up the epic mdm

775

01:02:38,470 --> 01:02:33,119

all

776

01:02:38,480 --> 01:02:42,630

and work becky

777

01:02:47,270 --> 01:02:45,270

okay peg after your survey you can clean

778

01:02:48,630 --> 01:02:47,280

things up there you'll be sewing the mdm

779

01:02:50,150 --> 01:02:48,640

in the bag and then we'll take an

780

01:02:52,870 --> 01:02:50,160

inventory while you're doing it or

781

01:02:54,870 --> 01:02:52,880

whatever works for you

782

01:02:58,549 --> 01:02:54,880

all right

783

01:03:00,150 --> 01:02:58,559

so ready to the bag i have a scoop and

784

01:03:00,829 --> 01:03:00,160

a gtech

785

01:03:04,230 --> 01:03:00,839

and

786

01:03:05,829 --> 01:03:04,240

a scraper tool

787

01:03:10,549 --> 01:03:05,839

and

788

01:03:10,559 --> 01:03:45,750

pop yellow

789

01:03:49,990 --> 01:03:47,910

hey jessica i got a

790

01:03:52,150 --> 01:03:50,000

good slack

791

01:03:54,150 --> 01:03:52,160

on the starboard antenna

792

01:03:55,990 --> 01:03:54,160

cable's good to go

793

01:03:58,390 --> 01:03:56,000

i'm going to do one more track down with

794

01:04:00,069 --> 01:03:58,400

this extra hit i just took off the

795

01:04:02,390 --> 01:04:00,079

blue

796

01:04:11,349 --> 01:04:02,400

and then we should be

797

01:04:14,549 --> 01:04:13,109

copy that two fish and since we've been

798

01:04:16,630 --> 01:04:14,559

going back and forth there we would like

799

01:04:18,309 --> 01:04:16,640

you to check one more time on both of

800

01:04:20,309 --> 01:04:18,319

those that you installed that the boom

801
01:04:22,549 --> 01:04:20,319
is still in good alignment with the the

802
01:04:23,589 --> 01:04:22,559
handrail base alignment marker

803
01:04:25,029 --> 01:04:23,599
sometimes that might be a little bit

804
01:04:27,029 --> 01:04:25,039
difficult to check that alignment so if

805
01:04:28,710 --> 01:04:27,039
you want to you could use an adjustable

806
01:04:32,789 --> 01:04:28,720
or hook or cable to make sure those two

807
01:04:38,150 --> 01:04:34,870
adjustable or hook

808
01:04:42,069 --> 01:04:39,589
if you've got a good view on it and you

809
01:04:43,990 --> 01:04:42,079
don't need it the line is lined up

810
01:04:45,270 --> 01:04:44,000
copy and peggy great news we've got good

811
01:04:47,029 --> 01:04:45,280
power on the mdm it's in the

812
01:04:50,069 --> 01:04:47,039
configuration that we expect so we're

813
01:04:53,109 --> 01:04:50,079

running diagnostics now

814

01:04:58,470 --> 01:04:55,829

thanks for that fabulous building work

815

01:05:00,470 --> 01:04:58,480

by tomorrow and

816

01:05:02,470 --> 01:05:00,480

jack

817

01:05:34,390 --> 01:05:02,480

and the procedure sent out by the guys

818

01:05:37,430 --> 01:05:35,829

and two fish while you're cleaning

819

01:05:39,589 --> 01:05:37,440

things up there it looks like one of the

820

01:05:41,589 --> 01:05:39,599

thermal booties from the nvgl connector

821

01:05:43,430 --> 01:05:41,599

which is closest to your waste tether

822

01:05:45,109 --> 01:05:43,440

may have slid down so you can double

823

01:05:46,670 --> 01:05:45,119

check that all those thermal booties are

824

01:06:00,069 --> 01:05:46,680

in place

825

01:06:03,589 --> 01:06:01,990

do you think that two fish in the in the

826

01:06:04,870 --> 01:06:03,599

other antenna that you installed you

827

01:06:07,270 --> 01:06:04,880

think that there is some slack in that

828

01:06:08,950 --> 01:06:07,280

one as well

829

01:06:12,309 --> 01:06:08,960

i'll leave it in that one a little bit

830

01:06:12,319 --> 01:06:17,029

okay copy we concur and go ahead peg

831

01:06:19,670 --> 01:06:18,789

i just wanted to tell you i have i'm

832

01:06:22,069 --> 01:06:19,680

here

833

01:06:26,710 --> 01:06:22,079

my brt is now on them

834

01:06:26,720 --> 01:06:53,029

happy dance build okay

835

01:06:57,829 --> 01:06:54,710

clean i'm going craig

836

01:06:59,109 --> 01:06:57,839

i've got the bag on my brt

837

01:07:01,430 --> 01:06:59,119

and

838

01:07:02,549 --> 01:07:01,440

i can re-verify jessica that those

839

01:07:03,430 --> 01:07:02,559

cables

840

01:07:05,430 --> 01:07:03,440

uh

841

01:07:07,270 --> 01:07:05,440

ethernet cables that we

842

01:07:10,069 --> 01:07:07,280

moved up here are

843

01:07:11,750 --> 01:07:10,079

clear of the empty translation path copy

844

01:07:13,190 --> 01:07:11,760

peg that's a good report with that you

845

01:07:20,150 --> 01:07:13,200

can leave your work site and translate

846

01:07:27,109 --> 01:07:21,589

and we had a brief loss we're back with

847

01:07:35,190 --> 01:07:30,789

copy yeah there's slack there

848

01:07:39,910 --> 01:07:37,510

okay this trainer with four caps on my

849

01:07:41,430 --> 01:07:39,920

mwa

850

01:07:42,630 --> 01:07:41,440

we got the fish stringer with four caps

851
01:07:46,069 --> 01:07:42,640
then you also have the connector cleaner

852
01:07:50,789 --> 01:07:48,470
tell me now

853
01:07:53,109 --> 01:07:50,799
copy on your swing arm with that your

854
01:07:54,870 --> 01:07:53,119
work there is complete to fish you did

855
01:07:56,950 --> 01:07:54,880
mention having that extra wire tie for

856
01:08:02,069 --> 01:07:56,960
that table that you saw with a bit of

857
01:08:06,230 --> 01:08:04,630
so you have a go to do that as you feel

858
01:08:07,589 --> 01:08:06,240
necessary and we'll take a glove and a

859
01:08:18,950 --> 01:08:07,599
half check before you leave the work

860
01:08:23,749 --> 01:08:21,669
about a one millimeter

861
01:08:25,669 --> 01:08:23,759
air and

862
01:08:33,269 --> 01:08:25,679
on the right club

863
01:08:46,229 --> 01:08:35,189

copy two fish copy peggy you can open

864

01:08:46,239 --> 01:09:03,669

copy thermal cover

865

01:09:09,669 --> 01:09:06,950

and two fish your hats still dry as well

866

01:09:17,430 --> 01:09:09,679

that's right sorry about that

867

01:09:21,110 --> 01:09:19,929

hey the mdm are bag is

868

01:09:27,030 --> 01:09:21,120

[Applause]

869

01:09:27,040 --> 01:09:31,749

copy peggy

870

01:09:39,669 --> 01:09:35,430

wire tie and cable are low profile

871

01:09:44,789 --> 01:09:41,829

we copy so sounds like a great time to

872

01:09:44,799 --> 01:09:55,990

hey firm

873

01:09:59,110 --> 01:09:57,430

all right peg feel free to enjoy the

874

01:10:01,510 --> 01:09:59,120

view as two fish makes his way back to

875

01:10:01,520 --> 01:10:06,550

all right

876
01:10:06,560 --> 01:10:09,750
i have my uh

877
01:10:09,760 --> 01:10:22,430
lightweight together

878
01:10:22,440 --> 01:10:29,590
[Applause]

879
01:10:33,110 --> 01:10:30,790
all right

880
01:10:35,110 --> 01:10:33,120
that cable's all pretty i got my green

881
01:10:36,550 --> 01:10:35,120
hood come edit hole

882
01:10:38,070 --> 01:10:36,560
all right

883
01:11:10,830 --> 01:10:38,080
great work two fish we'll see at the

884
01:11:21,110 --> 01:11:13,669
yes so yeah

885
01:11:21,120 --> 01:12:19,669
let me grab that and wrap

886
01:12:19,679 --> 01:12:30,070
get into that yeah

887
01:12:30,080 --> 01:12:33,189
red

888
01:12:33,199 --> 01:12:45,510

ready yeah

889

01:12:49,110 --> 01:12:47,030

and peg once you're inside you can give

890

01:12:51,830 --> 01:12:49,120

two fish your go to release your anchor

891

01:13:01,350 --> 01:12:51,840

hook

892

01:13:07,350 --> 01:13:05,270

all right i'm inside jack

893

01:13:08,709 --> 01:13:07,360

you already got your uh blades feather

894

01:13:11,350 --> 01:13:08,719

locked

895

01:13:45,030 --> 01:13:11,360

uh yes verified lots back on black fail

896

01:13:48,630 --> 01:13:46,870

yeah man you just you're going to come

897

01:13:50,470 --> 01:13:48,640

in whenever you're ready

898

01:13:51,510 --> 01:13:50,480

okay my

899

01:13:53,510 --> 01:13:51,520

left

900

01:13:57,110 --> 01:13:53,520

face feather

901
01:14:01,669 --> 01:13:59,669
green reel hook they're both slider

902
01:14:03,030 --> 01:14:01,679
closed and locked

903
01:14:06,870 --> 01:14:03,040
and my

904
01:14:12,390 --> 01:14:06,880
face feather is closed and locked on my

905
01:14:15,990 --> 01:14:14,070
okay we copy that and two fish you've

906
01:14:22,070 --> 01:14:16,000
already released your anchor hook then

907
01:14:26,870 --> 01:14:24,070
just release my anchor hook i had to

908
01:14:32,950 --> 01:14:26,880
connect to hers first

909
01:14:37,910 --> 01:14:35,270
all right i'm all cleaned up outside

910
01:14:42,149 --> 01:14:38,950
all right two fish you have a go to

911
01:14:45,030 --> 01:14:43,030
i'm

912
01:14:46,630 --> 01:14:45,040
hugging the forward wall if you want me

913
01:14:51,430 --> 01:14:46,640

in the ass i can slide over there make

914

01:15:30,550 --> 01:14:53,510

stop that halfway at the

915

01:15:30,560 --> 01:15:34,630

thermal cover is closed

916

01:15:39,590 --> 01:15:37,189

copy thermal cover

917

01:15:59,030 --> 01:15:39,600

you can remove your scu's from the

918

01:16:03,270 --> 01:16:00,950

once you remove the scu from the pouch

919

01:16:05,030 --> 01:16:03,280

you can remove your dcm cover and velcro

920

01:16:29,510 --> 01:16:05,040

it to your dcm

921

01:16:29,520 --> 01:16:40,709

uh

922

01:16:45,669 --> 01:16:43,350

me too that's you connected

923

01:16:47,430 --> 01:16:45,679

i'm still working

924

01:16:51,910 --> 01:16:47,440

okay

925

01:16:57,189 --> 01:16:54,390

copy peg

926

01:17:01,030 --> 01:16:57,199

all right this view is connected

927

01:17:06,790 --> 01:17:01,040

you guys about ready for the water off

928

01:17:12,149 --> 01:17:09,350

copy one note for you a ttv setting of

929

01:17:14,070 --> 01:17:12,159

eight to max cold minimizes the time for

930

01:17:16,229 --> 01:17:14,080

scu cooling

931

01:17:18,709 --> 01:17:16,239

with that you can switch your water to

932

01:17:22,550 --> 01:17:18,719

off off and expect the water is off

933

01:17:28,470 --> 01:17:25,030

pd1 water off

934

01:17:33,590 --> 01:17:30,950

a caution for you do not close the hatch

935

01:17:35,669 --> 01:17:33,600

until emu water is off for two minutes

936

01:17:37,110 --> 01:17:35,679

we're 40 seconds from an los now we will

937

01:17:39,110 --> 01:17:37,120

call that for you

938

01:17:55,750 --> 01:17:39,120

and verify the outer hatch is clear of

939

01:18:01,200 --> 01:17:57,430

there's cables everywhere so i had to

940

01:18:05,110 --> 01:18:02,709

[Applause]

941

01:18:08,870 --> 01:18:05,120

all right i'm sure it looks pretty

942

01:18:13,470 --> 01:18:11,510

don't like that

943

01:18:14,950 --> 01:18:13,480

i'm in a good position

944

01:18:17,830 --> 01:18:14,960

[Applause]

945

01:18:19,750 --> 01:18:17,840

thanks a lot okay

946

01:18:21,510 --> 01:18:19,760

we had an los we are back with you guys

947

01:18:24,390 --> 01:18:21,520

and great news we've completed the

948

01:18:26,870 --> 01:18:24,400

configs on the mdm and we have a healthy

949

01:18:29,270 --> 01:18:26,880

mdm in place now as a viable backup for

950

01:18:32,149 --> 01:18:29,280

station so excellent work getting us

951
01:18:34,390 --> 01:18:32,159
back into a nominal config very good we

952
01:18:36,550 --> 01:18:34,400
are very happy about that

953
01:18:37,830 --> 01:18:36,560
great work by the team and another

954
01:18:39,430 --> 01:18:37,840
update for you

955
01:18:41,350 --> 01:18:39,440
pretty impressive i think from all the

956
01:18:44,070 --> 01:18:41,360
work down here everybody at nasa and you

957
01:18:47,750 --> 01:18:44,080
guys our exp1 failure occurred only two

958
01:18:49,990 --> 01:18:47,760
days 21 hours 38 minutes

959
01:18:51,990 --> 01:18:50,000
from from now and we are already back in

960
01:18:53,430 --> 01:18:52,000
a good position so excellent work to

961
01:18:56,550 --> 01:18:53,440
everybody down here on the ground and

962
01:18:58,550 --> 01:18:56,560
most importantly to you guys up there

963
01:19:01,270 --> 01:18:58,560

back at you yeah you guys did a

964

01:19:02,870 --> 01:19:01,280

phenomenal job

965

01:19:07,350 --> 01:19:02,880

you were just saying that for a flight

966

01:19:11,030 --> 01:19:08,870

with that we'll be switching your comm

967

01:19:13,350 --> 01:19:11,040

mode to hardline and i will be turning

968

01:19:15,990 --> 01:19:13,360

you back over to tomah two fish when you

969

01:19:18,390 --> 01:19:16,000

enter since you did switch scus you'll

970

01:19:20,790 --> 01:19:18,400

also switch eda's so two fish will be on

971

01:19:22,630 --> 01:19:20,800

the aft eda and peggy on the forward

972

01:19:28,630 --> 01:19:22,640

great job once again guys and we'll

973

01:19:33,510 --> 01:19:31,350

all right thank you guys again

974

01:19:34,950 --> 01:19:33,520

great job by the team down there

975

01:19:37,270 --> 01:19:34,960

[Applause]

976
01:19:39,270 --> 01:19:37,280
absolutely great job everybody thanks

977
01:19:42,390 --> 01:19:39,280
for getting us ready so quick and

978
01:19:44,630 --> 01:19:42,400
putting this back in a good config

979
01:19:46,709 --> 01:19:44,640
it's in a hard line

980
01:19:48,470 --> 01:19:46,719
thanks jessica you guys can switch to

981
01:19:50,790 --> 01:19:48,480
your combo to hardline

982
01:19:53,110 --> 01:19:50,800
just check that the easy hatch mpev is

983
01:19:54,950 --> 01:19:53,120
closed

984
01:19:57,430 --> 01:19:54,960
i'll take the iv hatch equalization

985
01:20:23,110 --> 01:19:57,440
valve to normal you guys expect another

986
01:20:23,120 --> 01:20:34,600
so

987
01:20:34,610 --> 01:21:35,270
[Music]

988
01:21:35,280 --> 01:21:59,510

so

989

01:21:59,520 --> 01:22:11,669

special

990

01:22:11,679 --> 01:22:24,790

hmm

991

01:22:45,430 --> 01:22:29,830

move the move gauge to engage

992

01:22:45,440 --> 01:23:02,310

oh

993

01:23:08,629 --> 01:23:05,070

foreign

994

01:23:08,639 --> 01:23:30,790

oh

995

01:24:07,110 --> 01:23:42,070

is

996

01:24:50,470 --> 01:24:09,189

all right

997

01:24:50,480 --> 01:25:19,830

so

998

01:25:28,130 --> 01:25:21,550

them

999

01:25:28,140 --> 01:25:51,669

[Music]

1000

01:25:51,679 --> 01:26:15,590

oh

1001

01:27:10,200 --> 01:26:41,189

so

1002

01:27:10,210 --> 01:27:15,750

[Music]

1003

01:27:15,760 --> 01:27:33,110

okay