

1

00:00:00,000 --> 00:00:02,400

Do not try what you're about to see at home.

2

00:00:02,400 --> 00:00:07,840

We consult with experts, we take every precaution and we have years of experience in dangerous situations.

3

00:00:11,440 --> 00:00:14,480

On this daredevil episode of Mythbusters,

4

00:00:14,480 --> 00:00:15,680

Okay, go!

5

00:00:15,680 --> 00:00:17,680

Adam and Jamie get a grip.

6

00:00:18,160 --> 00:00:20,720

I think I had a nightmare, just like this one.

7

00:00:21,520 --> 00:00:26,240

As they test that old movie myth, can you cling to a moving car?

8

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

Ah, I'm gonna die.

9

00:00:28,720 --> 00:00:30,720

Then, Carrie, Tori and Grant.

10

00:00:32,320 --> 00:00:35,200

Break out more liberating jailbreak myths.

11

00:00:36,560 --> 00:00:38,800

Can you floss yourself to freedom?

12

00:00:38,800 --> 00:00:40,800

So you get out of this one.

13

00:00:41,840 --> 00:00:43,840

Or shoot yourself from servitude.

14

00:00:43,840 --> 00:00:46,240

This is my favorite part. I'm not gonna lie.

15

00:00:46,240 --> 00:00:48,640

With a cannon and a ball and chain.

16

00:00:50,960 --> 00:00:52,960

That one's cool!

17

00:00:53,680 --> 00:00:55,680

So far, the Mythbusters.

18

00:00:56,560 --> 00:00:58,560

Adam Savage.

19

00:00:58,560 --> 00:01:00,560

That's significant data.

20

00:01:00,560 --> 00:01:02,560

And Jamie Hyman.

21

00:01:02,560 --> 00:01:04,560

I think we're gonna set something on fire.

22

00:01:04,560 --> 00:01:08,560

Between them more than 30 years of special effects experience.

23

00:01:08,560 --> 00:01:10,560

Joining them,

24

00:01:10,560 --> 00:01:12,560

Brett Imahara.

25

00:01:12,560 --> 00:01:14,560

Freedom!

26

00:01:14,560 --> 00:01:16,560

Tori Belleggi.

27

00:01:16,560 --> 00:01:18,560

I don't think this one's gonna work. It's just too big.

28

00:01:18,560 --> 00:01:20,560

And Carrie Byron.

29

00:01:20,560 --> 00:01:22,560

I'm gonna get the idea that this shouldn't be done inside.

30

00:01:22,560 --> 00:01:24,560

They don't just tell the myths.

31

00:01:24,560 --> 00:01:26,560

They put them to the test.

32

00:01:44,560 --> 00:01:46,560

Why are you working out?

33

00:01:46,560 --> 00:01:48,560

Our next myth, man. We're gonna need all the arm strength we can get.

34

00:01:48,560 --> 00:01:50,560

What is that?

35

00:01:50,560 --> 00:01:52,560

It's a classic Hollywood action movie staple.

36

00:01:52,560 --> 00:01:54,560

The car roof clink.

37

00:01:54,560 --> 00:01:56,560

Oh, you mean where somebody jumps on top of a car

38

00:01:56,560 --> 00:01:58,560

and tries to hang on while it's driving?

39

00:01:58,560 --> 00:02:00,560

Yeah, but the driver's trying everything he can to shake him off.

40

00:02:04,560 --> 00:02:06,560

Getting a grip has been the speciality of stuntmen

41

00:02:06,560 --> 00:02:08,560

since motors and movies first teamed up.

42

00:02:08,560 --> 00:02:10,560

But in reality,

43

00:02:10,560 --> 00:02:12,560

is clinging onto a wild ride

44

00:02:12,560 --> 00:02:14,560

really plain sailing.

45

00:02:14,560 --> 00:02:16,560

You know, hanging onto a real car.

46

00:02:16,560 --> 00:02:18,560

It's one thing, but falling off,

47

00:02:18,560 --> 00:02:20,560

we could get seriously hurt.

48

00:02:20,560 --> 00:02:22,560

Yeah, I've been thinking that too.

49

00:02:22,560 --> 00:02:24,560

That's why I've been picturing in my mind

50

00:02:24,560 --> 00:02:26,560

a crane arm that would come out of the trunk of a car

51

00:02:26,560 --> 00:02:28,560

and go over the top of it.

52

00:02:28,560 --> 00:02:30,560

Then we could tie into it,

53

00:02:30,560 --> 00:02:32,560

and that would allow us to show one of us losing his grip,

54

00:02:32,560 --> 00:02:34,560

but not losing his life.

55

00:02:34,560 --> 00:02:36,560

Exactly, and I think we should make it long enough

56

00:02:36,560 --> 00:02:38,560

not only to test holding onto the roof,

57

00:02:38,560 --> 00:02:40,560

but also being able to hold onto the hood.

58

00:02:40,560 --> 00:02:42,560

Well, we can build it,

59

00:02:42,560 --> 00:02:44,560

but we'll have to do a thorough job of it

60

00:02:44,560 --> 00:02:46,560

because our lives are going to depend on it.

61

00:02:46,560 --> 00:02:48,560

They will.

62

00:02:48,560 --> 00:02:50,560

So, if you're a stuntman in Hollywood

63

00:02:50,560 --> 00:02:52,560

and you're holding onto the roof of your car

64

00:02:52,560 --> 00:02:54,560

like as well as driving, chances are

65

00:02:54,560 --> 00:02:56,560

you're wearing a harness

66

00:02:56,560 --> 00:02:58,560

and it tethers you to the car.

67

00:02:58,560 --> 00:03:00,560

Similarly, if you're on the hood,

68

00:03:00,560 --> 00:03:02,560

you're also wearing that kind of system.

69

00:03:02,560 --> 00:03:04,560

This isn't going to work for us because

70

00:03:04,560 --> 00:03:06,560

Jamie's going to try and shake me off of this car,

71

00:03:06,560 --> 00:03:08,560

and it's got to be demonstrable

72

00:03:08,560 --> 00:03:10,560

that I'm being shaken off the car

73

00:03:10,560 --> 00:03:12,560

without letting me hit the ground,

74

00:03:12,560 --> 00:03:14,560

which tells me that some kind of cable tether

75

00:03:14,560 --> 00:03:16,560

isn't good enough.

76

00:03:16,560 --> 00:03:18,560

My legs could slip over and hit the ground.

77

00:03:18,560 --> 00:03:20,560

There's a lot of problems with that from a safety standpoint.

78

00:03:20,560 --> 00:03:22,560

And in theory, their overhead crane idea

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00:03:22,560 --> 00:03:24,560

should overcome those problems.

80

00:03:24,560 --> 00:03:26,560

But in practice, the boys are baffled

81

00:03:26,560 --> 00:03:28,560

at how to build it.

82

00:03:28,560 --> 00:03:30,560

Um...

83

00:03:30,560 --> 00:03:32,560

So, cue the brainstorm.

84

00:03:32,560 --> 00:03:34,560

Shatter out this back window.

85

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

Get away with using a counter

86

00:03:36,560 --> 00:03:38,560

spring of some sort.

87

00:03:38,560 --> 00:03:40,560

It's going to be like a double-mast of the thing.

88

00:03:40,560 --> 00:03:42,560

That's all that additional weight that we don't need

89

00:03:42,560 --> 00:03:44,560

to have pie.

90

00:03:44,560 --> 00:03:46,560

If it does fail, whoever's up there,

91

00:03:46,560 --> 00:03:48,560

we're in deep trouble.

92

00:03:48,560 --> 00:03:50,560

After a frightening two hours of back and forth,

93

00:03:50,560 --> 00:03:52,560

the Mifbusters

94

00:03:52,560 --> 00:03:54,560

finally have a plan.

95

00:03:54,560 --> 00:03:56,560

Okay, good. I like that.

96

00:03:56,560 --> 00:03:58,560

That looks good.

97

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

A plan that's all about junk in the trunk.

98

00:04:00,560 --> 00:04:02,560

They're going to cut into the trunk to get to the frame.

99

00:04:02,560 --> 00:04:04,560

To this, they'll weld a steel

100

00:04:04,560 --> 00:04:06,560

tower that they'll attach to a crane beam.

101

00:04:06,560 --> 00:04:08,560

The crane beam

102

00:04:08,560 --> 00:04:10,560

will link to a safety harness

103

00:04:10,560 --> 00:04:12,560

T-bar that they'll clip into

104

00:04:12,560 --> 00:04:14,560

while holding the roof and the hood.

105

00:04:14,560 --> 00:04:16,560

Attention, former car.

106

00:04:16,560 --> 00:04:18,560

Prepare to be modified.

107

00:04:18,560 --> 00:04:20,560

Resistance is futile.

108

00:04:20,560 --> 00:04:22,560

Ain't that the truth?

109

00:04:22,560 --> 00:04:24,560

Especially because there's a savage,

110

00:04:24,560 --> 00:04:26,560

savage on the loose.

111

00:04:26,560 --> 00:04:28,560

This used to be a car, right?

112

00:04:28,560 --> 00:04:30,560

A few minutes ago, even.

113

00:04:30,560 --> 00:04:32,560

With the car frame exposed

114

00:04:32,560 --> 00:04:34,560

and the trunk tower support system

115

00:04:34,560 --> 00:04:36,560

time-lapsed into place,

116

00:04:36,560 --> 00:04:38,560

next, the boys strain with a crane.

117

00:04:38,560 --> 00:04:40,560

When you just heard the VO guy

118

00:04:40,560 --> 00:04:42,560

saying we were straining with the crane,

119

00:04:42,560 --> 00:04:44,560

I want to point out that's not entirely true.

120

00:04:44,560 --> 00:04:46,560

This is not a crane part we're using.

121

00:04:46,560 --> 00:04:48,560

It's triangular and penetrous.

122

00:04:48,560 --> 00:04:50,560

Used in radio towers and stuff like that.

123

00:04:50,560 --> 00:04:52,560

But the reason we're using it is because

124

00:04:52,560 --> 00:04:54,560

it's triangular structure,

125

00:04:54,560 --> 00:04:56,560

just like in a crane, affords it

126

00:04:56,560 --> 00:04:58,560

a tremendous amount of lateral strength.

127

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

So tremendous that it's ideal

128

00:05:00,560 --> 00:05:02,560

for supporting the weight of the odd Mifbuster.

129

00:05:02,560 --> 00:05:04,560

Okay, well, that works for me.

130

00:05:04,560 --> 00:05:06,560

And it better work for Adam, too,

131

00:05:06,560 --> 00:05:08,560

because it's this T-bar that will

132

00:05:08,560 --> 00:05:10,560

literally hold the Mifbusters

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00:05:10,560 --> 00:05:12,560

hanging by a thread.

134

00:05:12,560 --> 00:05:14,560

The rig is almost done,

135

00:05:14,560 --> 00:05:16,560

but still it lacks that visual

136

00:05:16,560 --> 00:05:18,560

punch that I'm looking for.

137

00:05:18,560 --> 00:05:20,560

I'm about to add it.

138

00:05:22,560 --> 00:05:24,560

With a fresh coat of high-speed

139

00:05:24,560 --> 00:05:26,560

pink, the Klingon car rig is ready to roll.

140

00:05:30,560 --> 00:05:32,560

But Houston, we have a problem.

141

00:05:32,560 --> 00:05:34,560

Well, unfortunately,

142

00:05:34,560 --> 00:05:36,560

the car won't start.

143

00:05:36,560 --> 00:05:38,560

Adam was really quick

144

00:05:38,560 --> 00:05:40,560

with cutting this all apart,

145

00:05:40,560 --> 00:05:42,560

but maybe he was a little too quick.

146

00:05:42,560 --> 00:05:44,560

At this point, it looks like Adam

147

00:05:44,560 --> 00:05:46,560

cut the electrical power to the fuel pump.

148

00:05:46,560 --> 00:05:48,560

So we can find that wire

149

00:05:48,560 --> 00:05:50,560

and hook it up again, and we'll be

150

00:05:50,560 --> 00:05:52,560

back in business.

151

00:05:52,560 --> 00:05:54,560

It's always something.

152

00:05:54,560 --> 00:05:56,560

But after a bit of hot wiring,

153

00:05:56,560 --> 00:05:58,560

the guys are refved up

154

00:05:58,560 --> 00:06:00,560

and ready for the test track.

155

00:06:00,560 --> 00:06:02,560

And what could be the right of their lives?

156

00:06:10,560 --> 00:06:12,560

Alright, so what's up with the

157

00:06:12,560 --> 00:06:14,560

convict suits again? Have your shady past

158

00:06:14,560 --> 00:06:16,560

caught up with you?

159

00:06:16,560 --> 00:06:18,560

Well, actually, yes. Remember a few months back

160

00:06:18,560 --> 00:06:20,560

when we devoted an entire episode

161

00:06:20,560 --> 00:06:22,560

to prison break myths and we repelled

162

00:06:22,560 --> 00:06:24,560

down a wall using bedsheets, toilet paper,

163

00:06:24,560 --> 00:06:26,560

and hair? Of course.

164

00:06:26,560 --> 00:06:28,560

And we escaped. Yeah, well, the kids

165

00:06:28,560 --> 00:06:30,560

escaped. Of course. And we escaped. Yeah, well, the trouble is,

166

00:06:30,560 --> 00:06:32,560

the fans want more.

167

00:06:32,560 --> 00:06:34,560

Ever since that episode, we've been inundated

168

00:06:34,560 --> 00:06:36,560

with ideas for new prison break myths.

169

00:06:36,560 --> 00:06:38,560

Are you sure these are fans and not

170

00:06:38,560 --> 00:06:40,560

prisoners sending in these requests?

171

00:06:40,560 --> 00:06:42,560

We're busting out of here, see?

172

00:06:42,560 --> 00:06:44,560

Yep, in one of the all-time most

173

00:06:44,560 --> 00:06:46,560

memorable myth-busting moments,

174

00:06:46,560 --> 00:06:48,560

ropes made of bedsheets,

175

00:06:48,560 --> 00:06:50,560

human hair,

176

00:06:50,560 --> 00:06:52,560

icy split ends, and toilet paper

177

00:06:52,560 --> 00:06:54,560

successfully aided

178

00:06:54,560 --> 00:06:56,560

and abetted a 14-story prison break.

179

00:06:56,560 --> 00:06:58,560

Ha ha ha!

180

00:06:58,560 --> 00:07:00,560

Freedom!

181

00:07:00,560 --> 00:07:02,560

Alright, so what's up this time? Well, two things.

182

00:07:02,560 --> 00:07:04,560

First of all, the fans think that you

183

00:07:04,560 --> 00:07:06,560

can escape from prison using a little muscle

184

00:07:06,560 --> 00:07:08,560

and a lot of this.

185

00:07:08,560 --> 00:07:10,560

What? Yeah, they reckon you can cut through

186

00:07:10,560 --> 00:07:12,560

the bars using dental floss. Alright, what else?

187

00:07:12,560 --> 00:07:14,560

Well, the other one's a little bit higher

188

00:07:14,560 --> 00:07:16,560

octane. Supposedly, back in the day,

189

00:07:16,560 --> 00:07:18,560

a prisoner took the ball from

190

00:07:18,560 --> 00:07:20,560

his old Tommy Ball and Chain,

191

00:07:20,560 --> 00:07:22,560

put it in the prison's ceremonial

192

00:07:22,560 --> 00:07:24,560

cannon, and launched himself over

193

00:07:24,560 --> 00:07:26,560

the fence to freedom.

194

00:07:26,560 --> 00:07:28,560

But first up, is the fan-fueled

195

00:07:28,560 --> 00:07:30,560

fable that flossing can set you free?

196

00:07:32,560 --> 00:07:34,560

And back at the big house, Alameda

197

00:07:34,560 --> 00:07:36,560

County Courthouse Jail, hey, Uncle Billy!

198

00:07:36,560 --> 00:07:38,560

Some of the team are about to get

199

00:07:38,560 --> 00:07:40,560

an inside look at the myth.

200

00:07:40,560 --> 00:07:42,560

Lockdown number three!

201

00:07:42,560 --> 00:07:44,560

Ha ha ha!

202

00:07:46,560 --> 00:07:48,560

There you go. There's some dental floss.

203

00:07:48,560 --> 00:07:50,560

I'm gonna go talk to JD.

204

00:07:50,560 --> 00:07:52,560

Good luck getting out of this jail cell.

205

00:07:52,560 --> 00:07:54,560

So is this really locked?

206

00:07:54,560 --> 00:07:56,560

Dead man locked! That's really locked.

207

00:07:56,560 --> 00:07:58,560

So while our duo of desperate

208

00:07:58,560 --> 00:08:00,560

dental hygienists attempt to break out,

209

00:08:02,560 --> 00:08:04,560

Oh look! I removed some plaque.

210

00:08:04,560 --> 00:08:06,560

Tori gets some inside info

211

00:08:06,560 --> 00:08:08,560

from friend of the show, Sergeant

212

00:08:08,560 --> 00:08:10,560

JD Nelson.

213

00:08:10,560 --> 00:08:12,560

So have you ever heard of this myth using

214

00:08:12,560 --> 00:08:14,560

dental floss to cut through a jail bar?

215

00:08:14,560 --> 00:08:16,560

Well, I think that'd be pretty difficult, just

216

00:08:16,560 --> 00:08:18,560

because dental floss doesn't have a lot of grit.

217

00:08:18,560 --> 00:08:20,560

But given enough time, I guess

218

00:08:20,560 --> 00:08:22,560

anything's possible. What do you think of this?

219

00:08:22,560 --> 00:08:24,560

There's silica in most

220

00:08:24,560 --> 00:08:26,560

tooth whitening toothpaste.

221

00:08:26,560 --> 00:08:28,560

We could use it as an abrasive.

222

00:08:28,560 --> 00:08:30,560

Oh yeah, a little bit extra.

223

00:08:30,560 --> 00:08:32,560

To accelerate the process.

224

00:08:32,560 --> 00:08:34,560

Yeah.

225

00:08:34,560 --> 00:08:36,560

That abrasive silica, or sand

226

00:08:36,560 --> 00:08:38,560

as many of us know it, is a grinding

227

00:08:38,560 --> 00:08:40,560

agent used to remove those

228

00:08:40,560 --> 00:08:42,560

stubborn stains.

229

00:08:42,560 --> 00:08:44,560

But will it remove those stubborn

230

00:08:44,560 --> 00:08:46,560

steel bars?

231

00:08:46,560 --> 00:08:48,560

Hey, knock that off!

232

00:08:48,560 --> 00:08:50,560

Trouble makers. We're going to have to keep them locked up for a long time.

233

00:08:52,560 --> 00:08:54,560

After two hours of hard

234

00:08:54,560 --> 00:08:56,560

labor, one thing has become

235

00:08:56,560 --> 00:08:58,560

very clear. Testing the myth

236

00:08:58,560 --> 00:09:00,560

manually is not feasible

237

00:09:00,560 --> 00:09:02,560

in the time available.

238

00:09:02,560 --> 00:09:04,560

Made it through the paint,

239

00:09:04,560 --> 00:09:06,560

but fortunately, I have a secret weapon.

240

00:09:08,560 --> 00:09:10,560

And it could have something to do with special robot knowledge.

241

00:09:10,560 --> 00:09:12,560

So they're going to head back

242

00:09:12,560 --> 00:09:14,560

to the shop where Grant, staying true to the spirit of the myth,

243

00:09:14,560 --> 00:09:16,560

wants to use only materials.

244

00:09:16,560 --> 00:09:18,560

He could find on the inside.

245

00:09:18,560 --> 00:09:20,560

She's out of control!

246

00:09:20,560 --> 00:09:22,560

She's out of control!

247

00:09:22,560 --> 00:09:24,560

Trying to free ourselves

248

00:09:24,560 --> 00:09:26,560

using dental floss,

249

00:09:26,560 --> 00:09:28,560

flossing by hand, didn't really work out.

250

00:09:28,560 --> 00:09:30,560

But fortunately, I have

251

00:09:30,560 --> 00:09:32,560

a backup plan, and it involves

252

00:09:32,560 --> 00:09:34,560

this. This is your

253

00:09:34,560 --> 00:09:36,560

average everyday cassette

254

00:09:36,560 --> 00:09:38,560

recorder player.

255

00:09:38,560 --> 00:09:40,560

Which I have stolen.

256

00:09:40,560 --> 00:09:42,560

I'm going to use this to make a machine

257

00:09:42,560 --> 00:09:44,560

that will floss for me.

258

00:09:44,560 --> 00:09:46,560

Grant goes to work, turning an old

259

00:09:46,560 --> 00:09:48,560

school tape recorder into a

260

00:09:48,560 --> 00:09:50,560

dental flossing robot.

261

00:09:50,560 --> 00:09:52,560

Easier than I thought.

262

00:09:52,560 --> 00:09:54,560

While Tori builds the kind of jail

263

00:09:54,560 --> 00:09:56,560

every inmate dreams of.

264

00:09:56,560 --> 00:09:58,560

One with just one wall.

265

00:09:58,560 --> 00:10:00,560

Now I know this isn't a real jail,

266

00:10:00,560 --> 00:10:02,560

but I wasn't trying to make a jail.

267

00:10:02,560 --> 00:10:04,560

But we needed something to test whether or not

268

00:10:04,560 --> 00:10:06,560

dental floss could cut through a steel bar.

269

00:10:06,560 --> 00:10:08,560

So I made this.

270

00:10:08,560 --> 00:10:10,560

Let's see if Grant can floss this way out of this one.

271

00:10:10,560 --> 00:10:12,560

So my flossing robot is finally

272

00:10:12,560 --> 00:10:14,560

complete. It incorporates the guts

273

00:10:14,560 --> 00:10:16,560

of a standard cassette tape recorder

274

00:10:16,560 --> 00:10:18,560

with a specially

275

00:10:18,560 --> 00:10:20,560

modified cassette that contains

276

00:10:20,560 --> 00:10:22,560

instead of tape,

277

00:10:22,560 --> 00:10:24,560

dental floss.

278

00:10:24,560 --> 00:10:26,560

I'm going to set this up on the bars and go to it.

279

00:10:26,560 --> 00:10:28,560

But I'm also going to incorporate

280

00:10:28,560 --> 00:10:30,560

Carrie's idea, which is to put

281

00:10:30,560 --> 00:10:32,560

a little bit of toothpaste on it

282

00:10:32,560 --> 00:10:34,560

to get that little extra bit of

283

00:10:34,560 --> 00:10:36,560

abrasive. Here we go.

284

00:10:38,560 --> 00:10:40,560

Okay, so I've got a little jam.

285

00:10:40,560 --> 00:10:42,560

I've already got a little minor problem

286

00:10:42,560 --> 00:10:44,560

with the flossing machine.

287

00:10:44,560 --> 00:10:46,560

So it's back to the drawing board.

288

00:10:46,560 --> 00:10:48,560

I've made a few changes

289

00:10:48,560 --> 00:10:50,560

to the dental floss machine.

290

00:10:50,560 --> 00:10:52,560

Where Grant throws everything he has

291

00:10:52,560 --> 00:10:54,560

at the problem.

292

00:10:54,560 --> 00:10:56,560

But after a full day's work

293

00:10:56,560 --> 00:10:58,560

and several failed prototypes.

294

00:10:58,560 --> 00:11:00,560

Hopefully the 27th time

295

00:11:00,560 --> 00:11:02,560

is a charm. He throws the problem

296

00:11:04,560 --> 00:11:06,560

at the wall. I don't think this is going to work.

297

00:11:06,560 --> 00:11:08,560

Go! Next.

298

00:11:08,560 --> 00:11:10,560

Jamie and Adam

299

00:11:10,560 --> 00:11:12,560

curve, swerve,

300

00:11:12,560 --> 00:11:14,560

and brake to the max.

301

00:11:14,560 --> 00:11:16,560

And can Grant's

302

00:11:16,560 --> 00:11:18,560

robot floss the team to a clean

303

00:11:18,560 --> 00:11:20,560

brake?

304

00:11:20,560 --> 00:11:22,560

That's the sound of freedom.

305

00:11:22,560 --> 00:11:24,560

The mythbusters are testing

306

00:11:24,560 --> 00:11:26,560

whether you can really cling

307

00:11:26,560 --> 00:11:28,560

to a wild ride car roof

308

00:11:28,560 --> 00:11:30,560

as Hollywood would have

309

00:11:30,560 --> 00:11:32,560

his belief.

310

00:11:32,560 --> 00:11:34,560

After all, with a grip

311

00:11:34,560 --> 00:11:36,560

as strong as that,

312

00:11:36,560 --> 00:11:38,560

hanging on for dear life could prove

313

00:11:38,560 --> 00:11:40,560

to be very doable indeed.

314

00:11:40,560 --> 00:11:42,560

And at the Alamom

315

00:11:42,560 --> 00:11:44,560

the mythbusters are testing

316

00:11:44,560 --> 00:11:46,560

whether you can really cling

317

00:11:46,560 --> 00:11:48,560

to a wild ride car roof,

318

00:11:48,560 --> 00:11:50,560

as Hollywood would have his belief.

319

00:11:50,560 --> 00:11:52,560

And at the Alameda

320

00:11:52,560 --> 00:11:54,560

runway, it's time to put that theory

321

00:11:54,560 --> 00:11:56,560

to the test.

322

00:11:56,560 --> 00:11:58,560

We've built a full-size

323

00:11:58,560 --> 00:12:00,560

rig to hold on to us in case we

324

00:12:00,560 --> 00:12:02,560

can't hold on to the car.

325

00:12:02,560 --> 00:12:04,560

And we've come out here to the Alameda runway

326

00:12:04,560 --> 00:12:06,560

to test it full scale.

327

00:12:06,560 --> 00:12:08,560

Yeah!

328

00:12:08,560 --> 00:12:10,560

But before trying to shake

329

00:12:10,560 --> 00:12:12,560

a mythbuster, the boys first want to

330

00:12:12,560 --> 00:12:14,560

test the rig with someone a little more

331

00:12:14,560 --> 00:12:16,560

expendable.

332

00:12:16,560 --> 00:12:18,560

So, currently, Buster has bolted

333

00:12:18,560 --> 00:12:20,560

into our safety rig for a stop

334

00:12:20,560 --> 00:12:22,560

test. It's a perfect opportunity for me

335

00:12:22,560 --> 00:12:24,560

to show you how it ought to

336

00:12:24,560 --> 00:12:26,560

work. He's on a track

337

00:12:26,560 --> 00:12:28,560

that runs for an aft.

338

00:12:28,560 --> 00:12:30,560

Jamie's going to run this car at the speed,

339

00:12:30,560 --> 00:12:32,560

slam on the brakes as hard as he can, and at that point

340

00:12:32,560 --> 00:12:34,560

Buster is going to slide all the way forward

341

00:12:38,560 --> 00:12:40,560

and stop. And hopefully

342

00:12:40,560 --> 00:12:42,560

we're going to learn how safe this rig is

343

00:12:42,560 --> 00:12:44,560

to use by watching what happens to poor Buster.

344

00:12:44,560 --> 00:12:46,560

And unlike Adam or Jamie,

345

00:12:46,560 --> 00:12:48,560

poor old Buster won't be

346

00:12:48,560 --> 00:12:50,560

holding on at all.

347

00:12:50,560 --> 00:12:52,560

Alright, Mr. Heidemann, are you ready?

348

00:12:52,560 --> 00:12:54,560

I'm ready.

349

00:12:54,560 --> 00:12:56,560

Start your engine and begin the untethered

350

00:12:56,560 --> 00:12:58,560

Buster stop test in

351

00:12:58,560 --> 00:13:00,560

3, 2, 1,

352

00:13:00,560 --> 00:13:02,560

go!

353

00:13:02,560 --> 00:13:04,560

Jamie floors it

354

00:13:04,560 --> 00:13:06,560

and takes the car up to 45

355

00:13:06,560 --> 00:13:08,560

before slamming on the brakes.

356

00:13:08,560 --> 00:13:10,560

Ahhhh!

357

00:13:10,560 --> 00:13:12,560

Ahhhh!

358

00:13:12,560 --> 00:13:14,560

The good news is that

359

00:13:14,560 --> 00:13:16,560

the rig did indeed

360

00:13:16,560 --> 00:13:18,560

hold Buster off the tarmac.

361

00:13:18,560 --> 00:13:20,560

The bad news is that pain-free

362

00:13:20,560 --> 00:13:22,560

it wasn't.

363

00:13:22,560 --> 00:13:24,560

Here's what's scary about that test.

364

00:13:24,560 --> 00:13:26,560

This guy right here, he's made

365

00:13:26,560 --> 00:13:28,560

for firemen to carry up and down

366

00:13:28,560 --> 00:13:30,560

stairs to drop and burning

367

00:13:30,560 --> 00:13:32,560

smoky buildings. He's made to take the

368

00:13:32,560 --> 00:13:34,560

kind of boost you just saw and come back

369

00:13:34,560 --> 00:13:36,560

for more. He's engineered for that.

370

00:13:36,560 --> 00:13:38,560

I'm not.

371

00:13:38,560 --> 00:13:40,560

So nervous are Adam and Jamie

372

00:13:40,560 --> 00:13:42,560

about safety that they run Buster

373

00:13:42,560 --> 00:13:44,560

through more tests.

374

00:13:44,560 --> 00:13:46,560

Go!

375

00:13:46,560 --> 00:13:48,560

Brake tests.

376

00:13:48,560 --> 00:13:50,560

Swerve tests.

377

00:13:52,560 --> 00:13:54,560

Curve tests.

378

00:13:54,560 --> 00:13:56,560

But none of it makes for pleasant viewing

379

00:13:56,560 --> 00:13:58,560

and that makes what Adam's about to say

380

00:13:58,560 --> 00:14:00,560

all the more surprising.

381

00:14:00,560 --> 00:14:02,560

Well from my perspective, that test was

382

00:14:02,560 --> 00:14:04,560

lovely and successful as far as

383

00:14:04,560 --> 00:14:06,560

the rig was concerned. You put a huge amount

384

00:14:06,560 --> 00:14:08,560

of stress on it and it is absolutely solid.

385

00:14:08,560 --> 00:14:10,560

Think that it's time to give

386

00:14:10,560 --> 00:14:12,560

Jamie Buster's harness and strap him to the rig.

387

00:14:12,560 --> 00:14:14,560

Yeah, that rig is looking

388

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

real good.

389

00:14:16,560 --> 00:14:18,560

But Buster's back-breaking performance

390

00:14:18,560 --> 00:14:20,560

is not filling our next contestant

391

00:14:20,560 --> 00:14:22,560

with joy.

392

00:14:22,560 --> 00:14:24,560

If I can't hold on, my big concern

393

00:14:24,560 --> 00:14:26,560

is, is it going to keep me safe?

394

00:14:26,560 --> 00:14:28,560

I mean, I don't want to snap my neck

395

00:14:28,560 --> 00:14:30,560

when I reach the end of my travel.

396

00:14:30,560 --> 00:14:32,560

So, I'm going to hold on real nice.

397

00:14:32,560 --> 00:14:34,560

And real hard, Jamie, because

398

00:14:34,560 --> 00:14:36,560

this myth could get

399

00:14:36,560 --> 00:14:38,560

dangerously ugly.

400

00:14:42,560 --> 00:14:44,560

Lockdown number three.

401

00:14:44,560 --> 00:14:46,560

Carrie Grant and Tori are getting

402

00:14:46,560 --> 00:14:48,560

positively penitentiary.

403

00:14:48,560 --> 00:14:50,560

Alright, weapons check.

404

00:14:50,560 --> 00:14:52,560

Against the wall. Go on, come on.

405

00:14:54,560 --> 00:14:56,560

Okay, you're alright.

406

00:14:56,560 --> 00:14:58,560

What's this?

407

00:14:58,560 --> 00:15:00,560

Is this a file? Off to Salatary Confinement.

408

00:15:00,560 --> 00:15:02,560

You, to the yard.

409

00:15:02,560 --> 00:15:04,560

Our fun-loving criminals

410

00:15:04,560 --> 00:15:06,560

are testing to see if they can free themselves

411

00:15:06,560 --> 00:15:08,560

with floss.

412

00:15:10,560 --> 00:15:12,560

I don't think this is going to work.

413

00:15:12,560 --> 00:15:14,560

I think Grant's gone through like

414

00:15:14,560 --> 00:15:16,560

maybe 300 incarnations of his dental floss

415

00:15:16,560 --> 00:15:18,560

tape recorder robot.

416

00:15:18,560 --> 00:15:20,560

They don't seem to be working.

417

00:15:20,560 --> 00:15:22,560

At least that's what I'm getting from the throwing and the swearing.

418

00:15:22,560 --> 00:15:24,560

Oh, f***.

419

00:15:26,560 --> 00:15:28,560

Alright, so the tape recorder sucked,

420

00:15:28,560 --> 00:15:30,560

but it's gone. It's history.

421

00:15:30,560 --> 00:15:32,560

Now I'm going to ramp it up and use

422

00:15:32,560 --> 00:15:34,560

whatever materials I want

423

00:15:34,560 --> 00:15:36,560

to make the ultimate automatic dental

424

00:15:36,560 --> 00:15:38,560

flossing machine.

425

00:15:38,560 --> 00:15:40,560

And then we'll see if it's possible

426

00:15:40,560 --> 00:15:42,560

to floss through bars.

427

00:15:42,560 --> 00:15:44,560

This time, Grant is unleashing

428

00:15:44,560 --> 00:15:46,560

all his robot resources.

429

00:15:46,560 --> 00:15:48,560

Creating a tension system

430

00:15:48,560 --> 00:15:50,560

that will simulate the grip

431

00:15:50,560 --> 00:15:52,560

and sawing action

432

00:15:52,560 --> 00:15:54,560

of a human being.

433

00:15:54,560 --> 00:15:56,560

Okay, so the ultimate

434

00:15:56,560 --> 00:15:58,560

dental flossing robot is finished.

435

00:15:58,560 --> 00:16:00,560

Now it's time to give it a shot.

436

00:16:00,560 --> 00:16:02,560

And if this works, it should go

437

00:16:02,560 --> 00:16:04,560

zzzz, one way and then zzzz,

438

00:16:04,560 --> 00:16:06,560

the other way.

439

00:16:06,560 --> 00:16:08,560

So cue take two for Grant

440

00:16:08,560 --> 00:16:10,560

and Carrie's escape attempt.

441

00:16:10,560 --> 00:16:12,560

Can you hear that hyphic sound?

442

00:16:12,560 --> 00:16:14,560

That's the sound of freedom!

443

00:16:16,560 --> 00:16:18,560

And once the ultimate dental

444

00:16:18,560 --> 00:16:20,560

flossing robot is up and running,

445

00:16:20,560 --> 00:16:22,560

there's nothing to do but sit back

446

00:16:22,560 --> 00:16:24,560

and wait.

447

00:16:24,560 --> 00:16:26,560

Do you have any aides?

448

00:16:26,560 --> 00:16:28,560

Go fish.

449

00:16:28,560 --> 00:16:30,560

We're going to do some schedule

450

00:16:30,560 --> 00:16:32,560

making this.

451

00:16:32,560 --> 00:16:34,560

Hang on.

452

00:16:34,560 --> 00:16:36,560

Why are you going that way?

453

00:16:36,560 --> 00:16:38,560

One second.

454

00:16:38,560 --> 00:16:40,560

My prediction is that

455

00:16:40,560 --> 00:16:42,560

we'll get out on good behavior

456

00:16:42,560 --> 00:16:44,560

before we actually get out of prison.

457

00:16:44,560 --> 00:16:46,560

Maybe Grant and I'll get out on good behavior.

458

00:16:46,560 --> 00:16:48,560

Tori's probably a lifer.

459

00:16:48,560 --> 00:16:50,560

He's a bad boy!

460

00:16:50,560 --> 00:16:52,560

Spirits are down in cell block A.

461

00:16:52,560 --> 00:16:54,560

Looks like we need a good cavity search.

462

00:16:54,560 --> 00:16:56,560

But in spite of the oppressive regime,

463

00:16:56,560 --> 00:16:58,560

there is hope.

464

00:16:58,560 --> 00:17:00,560

So after three and a half hours,

465

00:17:00,560 --> 00:17:02,560

the ultimate flossing machine

466

00:17:02,560 --> 00:17:04,560

has given us a glimmer of hope.

467

00:17:04,560 --> 00:17:06,560

There's a shiny spot worn into the bar.

468

00:17:06,560 --> 00:17:08,560

That's not very deep.

469

00:17:08,560 --> 00:17:10,560

So it's a very tiny glimmer of hope.

470

00:17:10,560 --> 00:17:12,560

But that's only three and a half hours.

471

00:17:12,560 --> 00:17:14,560

We're going to let it go for more

472

00:17:14,560 --> 00:17:16,560

and see how far we get.

473

00:17:16,560 --> 00:17:18,560

So our merry metal workers leave

474

00:17:18,560 --> 00:17:20,560

the office of the company

475

00:17:20,560 --> 00:17:22,560

so our merry metal workers leave

476

00:17:22,560 --> 00:17:24,560

the robot flossing for a full week

477

00:17:24,560 --> 00:17:26,560

before they check the results.

478

00:17:26,560 --> 00:17:28,560

And while it may not be as fast

479

00:17:28,560 --> 00:17:30,560

as a hardcore hacksaw blade,

480

00:17:30,560 --> 00:17:32,560

amazingly, Grant's gadget

481

00:17:32,560 --> 00:17:34,560

is doing its job.

482

00:17:36,560 --> 00:17:38,560

So it looks like we got a little progress.

483

00:17:38,560 --> 00:17:40,560

How do we do?

484

00:17:40,560 --> 00:17:42,560

Well, over our week, we did a total of 2,111.5 minutes

485

00:17:42,560 --> 00:17:44,560

of flossing,

486

00:17:44,560 --> 00:17:46,560

which corresponds to 35.2 hours.

487

00:17:46,560 --> 00:17:48,560

Wow.

488

00:17:48,560 --> 00:17:50,560

We got 15,000 of an inch.

489

00:17:50,560 --> 00:17:52,560

So it's actually cutting through the bars.

490

00:17:52,560 --> 00:17:54,560

I mean, it's going to take you forever,

491

00:17:54,560 --> 00:17:56,560

but you can actually do it.

492

00:17:56,560 --> 00:17:58,560

At that rate, it'll take us 140,767 minutes.

493

00:17:58,560 --> 00:18:00,560

What's that breakdown to?

494

00:18:00,560 --> 00:18:02,560

Well, assuming you could do

495

00:18:02,560 --> 00:18:04,560

eight hours of flossing a night,

496

00:18:04,560 --> 00:18:06,560

that would be 293 days.

497

00:18:06,560 --> 00:18:08,560

But remember, that's only one cut

498

00:18:08,560 --> 00:18:10,560

in one bar.

499

00:18:10,560 --> 00:18:12,560

Well, theoretically, if you can cut into one bar, you can cut into two.

500

00:18:12,560 --> 00:18:14,560

So I guess we're calling this one plausible.

501

00:18:14,560 --> 00:18:16,560

Yeah, plausible.

502

00:18:16,560 --> 00:18:18,560

Next.

503

00:18:18,560 --> 00:18:20,560

There's that old rocker.

504

00:18:20,560 --> 00:18:22,560

What does it take to shake a Heinemann?

505

00:18:22,560 --> 00:18:24,560

Swim on, Swim on.

506

00:18:24,560 --> 00:18:26,560

Swim on.

507

00:18:26,560 --> 00:18:28,560

And later, the team takes

508

00:18:28,560 --> 00:18:30,560

on the tallest prison-break

509

00:18:30,560 --> 00:18:32,560

tale of all.

510

00:18:32,560 --> 00:18:34,560

Ha-ha!

511

00:18:40,560 --> 00:18:42,560

In the movies,

512

00:18:42,560 --> 00:18:44,560

people hang on to all sorts of things.

513

00:18:44,560 --> 00:18:46,560

But can you really cling on to a car?

514

00:18:46,560 --> 00:18:48,560

That's what the myth-busters

515

00:18:48,560 --> 00:18:50,560

are about to find out.

516

00:18:52,560 --> 00:18:54,560

Despite Buster's back-breaking behavior,

517

00:18:54,560 --> 00:18:56,560

I got to hold on real nice.

518

00:18:56,560 --> 00:18:58,560

Jamie figures that his grip

519

00:18:58,560 --> 00:19:00,560

will brace him against the movement of the car.

520

00:19:02,560 --> 00:19:04,560

And he won't become a missile like a dummy.

521

00:19:04,560 --> 00:19:06,560

Well, so far, I'm convinced that a rig

522

00:19:06,560 --> 00:19:08,560

is safe for us to use.

523

00:19:08,560 --> 00:19:10,560

As for the myth,

524

00:19:10,560 --> 00:19:12,560

honestly, it's not looking that good

525

00:19:12,560 --> 00:19:14,560

as far as the dummies' behavior.

526

00:19:14,560 --> 00:19:16,560

That doesn't necessarily have any bearing

527

00:19:16,560 --> 00:19:18,560

on what happens when Jamie gets on the roof.

528

00:19:18,560 --> 00:19:20,560

I mean, this is a guy who scaled a building

529

00:19:20,560 --> 00:19:22,560

on a knotted rope.

530

00:19:22,560 --> 00:19:24,560

This is a guy who's water-skied behind a robot.

531

00:19:24,560 --> 00:19:26,560

He broke down a door with nothing but his shoulder.

532

00:19:26,560 --> 00:19:28,560

So while superhuman Jamie

533

00:19:28,560 --> 00:19:30,560

sikes up and clips on,

534

00:19:30,560 --> 00:19:32,560

here's the plan.

535

00:19:32,560 --> 00:19:34,560

I'm toast.

536

00:19:34,560 --> 00:19:36,560

The boys are going to break the car-cling myth

537

00:19:36,560 --> 00:19:38,560

into three classic testable elements.

538

00:19:38,560 --> 00:19:40,560

The zig-zag shape.

539

00:19:40,560 --> 00:19:42,560

The long curve.

540

00:19:42,560 --> 00:19:44,560

And the emergency stop.

541

00:19:44,560 --> 00:19:46,560

At speeds up to 45 miles an hour,

542

00:19:46,560 --> 00:19:48,560

will Jamie cling or fling?

543

00:19:48,560 --> 00:19:50,560

So we were thinking if you're driving down the road

544

00:19:50,560 --> 00:19:52,560

and someone's on the roof of your car,

545

00:19:52,560 --> 00:19:54,560

the first thing that's going to occur to you

546

00:19:54,560 --> 00:19:56,560

is to do a kind of swervy maneuver

547

00:19:56,560 --> 00:19:58,560

to shake them off.

548

00:19:58,560 --> 00:20:00,560

That's what we're going to start with.

549

00:20:00,560 --> 00:20:02,560

Well,

550

00:20:02,560 --> 00:20:04,560

the insurance company won't let us go

551

00:20:04,560 --> 00:20:06,560

about 45 miles per hour.

552

00:20:06,560 --> 00:20:08,560

So I say let's go to 45

553

00:20:08,560 --> 00:20:10,560

and give it all we got.

554

00:20:10,560 --> 00:20:12,560

I'm ready for you, buddy. Let's go.

555

00:20:12,560 --> 00:20:14,560

I think I had a nightmare just like this one.

556

00:20:14,560 --> 00:20:16,560

To make things a little bit easier

557

00:20:16,560 --> 00:20:18,560

for Jamie for this initial test,

558

00:20:18,560 --> 00:20:20,560

although the speed is up,

559

00:20:20,560 --> 00:20:22,560

the windows have been rolled down.

560

00:20:22,560 --> 00:20:24,560

Will Jamie get a grip?

561

00:20:24,560 --> 00:20:26,560

Here we go. Multiple swerves.

562

00:20:26,560 --> 00:20:28,560

In three, two, one, go.

563

00:20:30,560 --> 00:20:32,560

I'm going to get into character.

564

00:20:32,560 --> 00:20:34,560

Who's that? Oh, my God.

565

00:20:34,560 --> 00:20:36,560

Yeah, baby.

566

00:20:36,560 --> 00:20:38,560

Come on.

567

00:20:38,560 --> 00:20:40,560

Here we go.

568

00:20:40,560 --> 00:20:42,560

Swerve on.

569

00:20:42,560 --> 00:20:44,560

Swerve at eight.

570

00:20:44,560 --> 00:20:46,560

Amazingly,

571

00:20:46,560 --> 00:20:48,560

despite the considerable G-forces,

572

00:20:48,560 --> 00:20:50,560

Jamie hangs in there with ease.

573

00:20:50,560 --> 00:20:52,560

How's that, dude?

574

00:20:52,560 --> 00:20:54,560

It wasn't a problem holding on,

575

00:20:54,560 --> 00:20:56,560

but it's a little thrilling.

576

00:20:56,560 --> 00:20:58,560

Really? Yeah, let's go for a hundred.

577

00:21:00,560 --> 00:21:02,560

So far, it's a walk in the park for the hunter.

578

00:21:02,560 --> 00:21:04,560

But let's face it,

579

00:21:04,560 --> 00:21:06,560

when did the movie villain roll down the windows?

580

00:21:06,560 --> 00:21:08,560

It's time to get serious.

581

00:21:12,560 --> 00:21:14,560

Adam takes her up to 45.

582

00:21:16,560 --> 00:21:18,560

Jamie grips on to not very much.

583

00:21:18,560 --> 00:21:20,560

He holds the first swerve.

584

00:21:20,560 --> 00:21:22,560

But then, he's off.

585

00:21:26,560 --> 00:21:28,560

Dude, tell me you're okay.

586

00:21:28,560 --> 00:21:30,560

I'm fine. Really?

587

00:21:30,560 --> 00:21:32,560

Yeah, I lost it on the second turn.

588

00:21:32,560 --> 00:21:34,560

The first one, I was okay,

589

00:21:34,560 --> 00:21:36,560

but that little, you know, two-step got me.

590

00:21:36,560 --> 00:21:38,560

And I went over the side.

591

00:21:38,560 --> 00:21:40,560

I was holding on as hard as I could,

592

00:21:40,560 --> 00:21:42,560

but I just slipped.

593

00:21:42,560 --> 00:21:44,560

So with our Klingon Cowboy

594

00:21:44,560 --> 00:21:46,560

slung off at 45 miles an hour,

595

00:21:48,560 --> 00:21:50,560

part one of the car Kling trio

596

00:21:50,560 --> 00:21:52,560

is busted.

597

00:21:52,560 --> 00:21:54,560

So it's onward and upward.

598

00:21:54,560 --> 00:21:56,560

This next one,

599

00:21:56,560 --> 00:21:58,560

I'm calling this test the long turn.

600

00:21:58,560 --> 00:22:00,560

Effectively, I'm going to be driving in circles,

601

00:22:00,560 --> 00:22:02,560

applying centrifugal force

602

00:22:02,560 --> 00:22:04,560

on Jamie, starting off slowly,

603

00:22:04,560 --> 00:22:06,560

but eventually ramping it up

604

00:22:06,560 --> 00:22:08,560

to see if I can, you know, find his limit.

605

00:22:10,560 --> 00:22:12,560

And from here on in,

606

00:22:12,560 --> 00:22:14,560

the boys are only going to test with the windows up.

607

00:22:14,560 --> 00:22:16,560

I'm ready.

608

00:22:16,560 --> 00:22:18,560

All right, here we go.

609

00:22:18,560 --> 00:22:20,560

Centrifugal turn with a single complication.

610

00:22:20,560 --> 00:22:22,560

Uh-oh.

611

00:22:22,560 --> 00:22:24,560

Even as Adam reaches 15,

612

00:22:24,560 --> 00:22:26,560

it's clear that Jamie's struggling.

613

00:22:26,560 --> 00:22:28,560

Then, at only 20 miles an hour,

614

00:22:28,560 --> 00:22:30,560

he's down.

615

00:22:30,560 --> 00:22:32,560

That's it.

616

00:22:32,560 --> 00:22:34,560

That's it.

617

00:22:38,560 --> 00:22:40,560

How you doing, bro?

618

00:22:40,560 --> 00:22:42,560

That's kind of hard.

619

00:22:42,560 --> 00:22:44,560

I mean, I was doing all right,

620

00:22:44,560 --> 00:22:46,560

but, you know, all my weight

621

00:22:46,560 --> 00:22:48,560

is just, like, right on that little tip of the finger.

622

00:22:48,560 --> 00:22:50,560

And sooner or later, they give.

623

00:22:50,560 --> 00:22:52,560

In fact, it's virtually impossible

624

00:22:52,560 --> 00:22:54,560

to get a car like that.

625

00:22:54,560 --> 00:22:56,560

I'm going to be driving in circles.

626

00:22:56,560 --> 00:22:58,560

In fact, it's virtually impossible,

627

00:22:58,560 --> 00:23:00,560

meaning that part two is also busted.

628

00:23:00,560 --> 00:23:02,560

So it's time for the finale.

629

00:23:02,560 --> 00:23:04,560

Windows out.

630

00:23:04,560 --> 00:23:06,560

As we usually do,

631

00:23:06,560 --> 00:23:08,560

we have saved the worst for last.

632

00:23:08,560 --> 00:23:10,560

We are now going to subject Jamie

633

00:23:10,560 --> 00:23:12,560

to the sudden stop,

634

00:23:12,560 --> 00:23:14,560

which hopefully will send him

635

00:23:14,560 --> 00:23:16,560

virtually tumbling forward on the car.

636

00:23:16,560 --> 00:23:18,560

I won't be adding the second part

637

00:23:18,560 --> 00:23:20,560

that you always see in the movies

638

00:23:20,560 --> 00:23:22,560

in which I drive over him.

639

00:23:22,560 --> 00:23:24,560

That's what our rig's supposed to prevent.

640

00:23:24,560 --> 00:23:26,560

But, um, I tell you, I don't think he's going to be able

641

00:23:26,560 --> 00:23:28,560

to hold on during this test.

642

00:23:28,560 --> 00:23:30,560

Sudden stop. Here we go.

643

00:23:30,560 --> 00:23:32,560

In three, two, one.

644

00:23:32,560 --> 00:23:34,560

For safety's sake,

645

00:23:34,560 --> 00:23:36,560

Adam takes the car up to just 25 miles an hour.

646

00:23:36,560 --> 00:23:38,560

Jamie desperately

647

00:23:38,560 --> 00:23:40,560

braces himself with all the

648

00:23:40,560 --> 00:23:42,560

strength he can muster.

649

00:23:48,560 --> 00:23:50,560

I'm okay.

650

00:23:50,560 --> 00:23:52,560

But the Heinemann heave ain't enough.

651

00:23:52,560 --> 00:23:54,560

Well, I think that test is done.

652

00:23:54,560 --> 00:23:56,560

I think so.

653

00:23:56,560 --> 00:23:58,560

I'm actually seeing some stars from that.

654

00:23:58,560 --> 00:24:00,560

Really?

655

00:24:00,560 --> 00:24:02,560

As Jamie flew off the roof like a giant

656

00:24:02,560 --> 00:24:04,560

pinata, the G-Force was

657

00:24:04,560 --> 00:24:06,560

so great that he nearly blacked out.

658

00:24:06,560 --> 00:24:08,560

It's a seriously close call.

659

00:24:08,560 --> 00:24:10,560

But after a medical checkup,

660

00:24:10,560 --> 00:24:12,560

he's given the green light. Good job.

661

00:24:12,560 --> 00:24:14,560

That one was a little too close for comfort.

662

00:24:14,560 --> 00:24:16,560

I really dug

663

00:24:16,560 --> 00:24:18,560

my fingers into the windshield.

664

00:24:18,560 --> 00:24:20,560

I knew exactly when Adam was going to hit the brake

665

00:24:20,560 --> 00:24:22,560

and I was braced for it,

666

00:24:22,560 --> 00:24:24,560

but it still just wasn't quite enough.

667

00:24:24,560 --> 00:24:26,560

But in a real-life situation,

668

00:24:26,560 --> 00:24:28,560

you're not going to know

669

00:24:28,560 --> 00:24:30,560

when something's going to happen.

670

00:24:30,560 --> 00:24:32,560

You're not going to be able to brace for it.

671

00:24:32,560 --> 00:24:34,560

So that's a huge difference.

672

00:24:34,560 --> 00:24:36,560

And like it's not,

673

00:24:36,560 --> 00:24:38,560

you're going to be flying off the car in a heartbeat.

674

00:24:38,560 --> 00:24:40,560

In other words, it's part three

675

00:24:40,560 --> 00:24:42,560

busted.

676

00:24:42,560 --> 00:24:44,560

And after drama like that

677

00:24:44,560 --> 00:24:46,560

last test, you'd think the myth busters

678

00:24:46,560 --> 00:24:48,560

would back up and head home.

679

00:24:48,560 --> 00:24:50,560

But, do-do-do.

680

00:24:53,560 --> 00:24:55,560

Next up, could a ball and chain

681

00:24:55,560 --> 00:24:57,560

be a ticket to freedom?

682

00:24:57,560 --> 00:24:59,560

Prisoner's best friend.

683

00:24:59,560 --> 00:25:01,560

And later, sticky stuntman Adam

684

00:25:01,560 --> 00:25:03,560

takes on the hood.

685

00:25:03,560 --> 00:25:05,560

How you like that? Come on in.

686

00:25:08,560 --> 00:25:10,560

Please do not try what we do

687

00:25:10,560 --> 00:25:11,560

on this show at home.

688

00:25:11,560 --> 00:25:13,560

We're what you call experts.

689

00:25:13,560 --> 00:25:15,560

It's safer that way.

690

00:25:18,560 --> 00:25:20,560

Next up, another fan-fueled

691

00:25:20,560 --> 00:25:22,560

jailbreak myth.

692

00:25:26,560 --> 00:25:28,560

Okay, so our last prison-escape myth

693

00:25:28,560 --> 00:25:30,560

is a bit bizarre.

694

00:25:30,560 --> 00:25:31,560

It comes from a fan

695

00:25:31,560 --> 00:25:33,560

posting on the username PizzazzIP.

696

00:25:33,560 --> 00:25:36,560

And it's a story of an 18th century prison escape.

697

00:25:36,560 --> 00:25:38,560

And according to our message board friend,

698

00:25:38,560 --> 00:25:40,560

in this prison, all the prisoners

699

00:25:40,560 --> 00:25:41,560

had ball and chain.

700

00:25:41,560 --> 00:25:43,560

But instead of being a hindrance

701

00:25:43,560 --> 00:25:44,560

to his escape, like you might think,

702

00:25:44,560 --> 00:25:45,560

it was actually his method.

703

00:25:45,560 --> 00:25:46,560

How?

704

00:25:46,560 --> 00:25:48,560

Well, in this particular prison,

705

00:25:48,560 --> 00:25:50,560

there was a cannon on the roof.

706

00:25:50,560 --> 00:25:51,560

And every hour on the hour,

707

00:25:51,560 --> 00:25:52,560

the cannon would fire.

708

00:25:52,560 --> 00:25:54,560

So one day, while no one's looking,

709

00:25:54,560 --> 00:25:55,560

he sneaks up to the roof,

710

00:25:55,560 --> 00:25:57,560

drops his ball on the cannon,

711

00:25:57,560 --> 00:25:59,560

and you see where I'm going here, right?

712

00:25:59,560 --> 00:26:00,560

Yeah, he fires the cannon,

713

00:26:00,560 --> 00:26:02,560

the cannon sends him over the wall,

714

00:26:02,560 --> 00:26:04,560

he survives, and returns to a life of crime.

715

00:26:04,560 --> 00:26:05,560

Exactly.

716

00:26:05,560 --> 00:26:07,560

Sounds like it's boom time.

717

00:26:08,560 --> 00:26:11,560

It's a preposterous prison parable.

718

00:26:11,560 --> 00:26:14,560

Can a felon armed with a cannon,

719

00:26:14,560 --> 00:26:17,560

black powder, and a ball and chain

720

00:26:17,560 --> 00:26:20,560

really fire himself to freedom?

721

00:26:23,560 --> 00:26:25,560

This sounds like a crazy myth.

722

00:26:25,560 --> 00:26:26,560

Sounds like a perfect job for Buster.

723

00:26:26,560 --> 00:26:28,560

Yeah, but no one is going to let us

724

00:26:28,560 --> 00:26:30,560

use their cannon to fire ball and chains out of them.

725

00:26:30,560 --> 00:26:32,560

I mean, we're probably going to destroy it.

726

00:26:32,560 --> 00:26:33,560

So we're going to have to build our own

727

00:26:33,560 --> 00:26:35,560

so that way we can fire it up at the sky

728

00:26:35,560 --> 00:26:37,560

and see if we can get Buster to escape.

729

00:26:37,560 --> 00:26:38,560

Cool.

730

00:26:38,560 --> 00:26:39,560

But if we're going to start building

731

00:26:39,560 --> 00:26:40,560

cannons, balls, chains,

732

00:26:40,560 --> 00:26:42,560

I think we need to do a bit of research first.

733

00:26:42,560 --> 00:26:43,560

Sounds good.

734

00:26:44,560 --> 00:26:47,560

So our budding jailbusters are going to blast off

735

00:26:47,560 --> 00:26:50,560

with some homemade cannon 101.

736

00:26:51,560 --> 00:26:53,560

Whoa, there it is.

737

00:26:54,560 --> 00:26:55,560

How you doing? How are you?

738

00:26:55,560 --> 00:26:57,560

At Mythbusters Pal, Frank Tabor

739

00:26:57,560 --> 00:27:00,560

is the guy with all the gum-gun guns.

740

00:27:01,560 --> 00:27:02,560

Big ones.

741

00:27:02,560 --> 00:27:03,560

We're trying to build a cannon,

742

00:27:03,560 --> 00:27:04,560

and we heard that you had a mortar,

743

00:27:04,560 --> 00:27:06,560

so we thought we'd come down and take a look at it

744

00:27:06,560 --> 00:27:07,560

and maybe get some ideas.

745

00:27:07,560 --> 00:27:09,560

Yeah, it's going to be the same principle.

746

00:27:09,560 --> 00:27:11,560

You're just going to have a longer barrel on there

747

00:27:11,560 --> 00:27:12,560

as mortars are shorter.

748

00:27:12,560 --> 00:27:15,560

And of course, the stuff that sets these babies off

749

00:27:15,560 --> 00:27:16,560

is black powder.

750

00:27:17,560 --> 00:27:18,560

How much powder do you use?

751

00:27:18,560 --> 00:27:21,560

For us to send a 16-pound bowling ball,

752

00:27:21,560 --> 00:27:23,560

we use three 12-gauge shotgun shells

753

00:27:23,560 --> 00:27:25,560

full of black powder,

754

00:27:25,560 --> 00:27:28,560

and that'll push it out about 7,800 yards.

755

00:27:28,560 --> 00:27:29,560

Sounds perfect.

756

00:27:31,560 --> 00:27:34,560

So our fantastic fabricators measure up.

757

00:27:35,560 --> 00:27:36,560

I think we've got some good stuff.

758

00:27:36,560 --> 00:27:37,560

Yeah, I think we're good.

759

00:27:37,560 --> 00:27:38,560

Where's Frank?

760

00:27:38,560 --> 00:27:39,560

Right here.

761

00:27:41,560 --> 00:27:42,560

What are you doing?

762

00:27:42,560 --> 00:27:43,560

How fast can you run?

763

00:27:43,560 --> 00:27:44,560

Fairy.

764

00:27:50,560 --> 00:27:52,560

With the smoking cannon design sussed,

765

00:27:52,560 --> 00:27:54,560

Tori and Carrie next walk the line

766

00:27:54,560 --> 00:27:56,560

with some ball and chain chatter.

767

00:27:57,560 --> 00:27:59,560

To investigate what a real ball and chain would look like,

768

00:27:59,560 --> 00:28:01,560

we've come to Folsom State Prison.

769

00:28:01,560 --> 00:28:02,560

It's not only is this a famous prison,

770

00:28:02,560 --> 00:28:04,560

but it is a long history,

771

00:28:04,560 --> 00:28:06,560

and we think this will be a great place to start.

772

00:28:06,560 --> 00:28:10,560

So, Q, Prism Museum Manager Jim Brown.

773

00:28:10,560 --> 00:28:12,560

So, say a prisoner's about 170 pounds,

774

00:28:12,560 --> 00:28:14,560

which is the size of our crash test dummy.

775

00:28:14,560 --> 00:28:16,560

What size ball would he have?

776

00:28:16,560 --> 00:28:17,560

Would it be like this?

777

00:28:17,560 --> 00:28:18,560

Probably be more like this one.

778

00:28:18,560 --> 00:28:21,560

This one with shackle and chain is 37 pounds.

779

00:28:21,560 --> 00:28:23,560

Oh, that looks about 5 inches in diameter.

780

00:28:23,560 --> 00:28:26,560

It's 5 and 5-8 standard.

781

00:28:26,560 --> 00:28:27,560

All right, cool.

782

00:28:27,560 --> 00:28:28,560

Now we know what size ball to get.

783

00:28:30,560 --> 00:28:32,560

So with the research all sorted,

784

00:28:32,560 --> 00:28:33,560

Take it away.

785

00:28:34,560 --> 00:28:36,560

It's time to get down to work.

786

00:28:37,560 --> 00:28:39,560

One cannon coming up.

787

00:28:40,560 --> 00:28:41,560

But will it work?

788

00:28:41,560 --> 00:28:44,560

To avoid a bad case of cannon malfunction,

789

00:28:44,560 --> 00:28:47,560

Tori's using 2-inch thick steel for the barrel,

790

00:28:47,560 --> 00:28:52,560

and solid 10-1 1-1-1-inch thick steel for the combustion chamber.

791

00:28:53,560 --> 00:28:55,560

So this big chunk of steel right here

792

00:28:55,560 --> 00:28:57,560

is our combustion chamber for our cannon.

793

00:28:57,560 --> 00:29:00,560

We've boarded out to hold the black powder and a barrel.

794

00:29:00,560 --> 00:29:02,560

Now I pick it up and show you,

795

00:29:02,560 --> 00:29:07,560

but it weighs 225 pounds,

796

00:29:07,560 --> 00:29:09,560

but it has to be strong,

797

00:29:09,560 --> 00:29:12,560

because the last thing we want is for this cannon to explode.

798

00:29:13,560 --> 00:29:16,560

So while Tori welds his ancient artillery together,

799

00:29:16,560 --> 00:29:20,560

Grant bashes out some period perfect ball and chains.

800

00:29:21,560 --> 00:29:23,560

It's a prisoner's best friend.

801

00:29:23,560 --> 00:29:24,560

And they're good to go.

802

00:29:24,560 --> 00:29:28,560

That's assuming, of course, that Tori's piece stays in one piece.

803

00:29:29,560 --> 00:29:31,560

It's a thing of beauty.

804

00:29:32,560 --> 00:29:35,560

This is my first cannon. Let's hope it works.

805

00:29:38,560 --> 00:29:40,560

Next, give me all you got.

806

00:29:40,560 --> 00:29:43,560

Can Adam conquer the car hood cling?

807

00:29:45,560 --> 00:29:48,560

And will Tori's cannon blow Buster up?

808

00:29:48,560 --> 00:29:49,560

Or away?

809

00:29:49,560 --> 00:29:51,560

Attention, mounts!

810

00:30:02,560 --> 00:30:05,560

We have the production seats in them and activated them on Buster.

811

00:30:05,560 --> 00:30:08,560

We have jumped them 175 feet and remote controlled them,

812

00:30:08,560 --> 00:30:10,560

and we put rockets in the back.

813

00:30:11,560 --> 00:30:14,560

This log right here is up there with one of the coolest things we've ever done.

814

00:30:16,560 --> 00:30:21,560

And they've been using it to find out if you can really cling on to the roof of a moving car.

815

00:30:22,560 --> 00:30:24,560

And the results are not good.

816

00:30:24,560 --> 00:30:27,560

With Windows up, Jamie was forever flung off.

817

00:30:27,560 --> 00:30:30,560

But the roof was just one half of the myth.

818

00:30:30,560 --> 00:30:32,560

The movie staple is the hood hang.

819

00:30:32,560 --> 00:30:34,560

First, the zigzag.

820

00:30:34,560 --> 00:30:37,560

Alright, dude. Give me all you got.

821

00:30:39,560 --> 00:30:41,560

And rather than give it all he's got,

822

00:30:41,560 --> 00:30:43,560

Jamie's going to take it slow.

823

00:30:43,560 --> 00:30:46,560

Three zigzags at 20 miles an hour.

824

00:30:51,560 --> 00:30:54,560

But that's all it needs for Adam to get airborne.

825

00:30:54,560 --> 00:30:57,560

And it's all down to a tenacious grip.

826

00:30:57,560 --> 00:31:01,560

The problem with the swerve swerve is what you're holding onto here on the hood.

827

00:31:01,560 --> 00:31:03,560

It's not uniform like the car doors.

828

00:31:03,560 --> 00:31:06,560

There's a whole bunch of vents and windshield wiper parts in there.

829

00:31:06,560 --> 00:31:11,560

My hands were very close to going into places where they'd start to incur some serious damage.

830

00:31:11,560 --> 00:31:14,560

I have to say swerve swerve, boop, it's out.

831

00:31:14,560 --> 00:31:18,560

So after a quick reset, it's onto the long curve test.

832

00:31:18,560 --> 00:31:20,560

Are you ready?

833

00:31:20,560 --> 00:31:21,560

I'm ready.

834

00:31:21,560 --> 00:31:23,560

About 15 miles an hour.

835

00:31:23,560 --> 00:31:27,560

Jamie pulls away and Adam starts off confident.

836

00:31:27,560 --> 00:31:30,560

Oh, I can still hold that. Go faster.

837

00:31:33,560 --> 00:31:37,560

But soon gets his comeuppance at just 20 miles an hour.

838

00:31:37,560 --> 00:31:39,560

Oh, whoa!

839

00:31:42,560 --> 00:31:44,560

Yeah, that was about my limit right there.

840

00:31:45,560 --> 00:31:49,560

The problem with a long centrifugal turn isn't a problem with my grip.

841

00:31:49,560 --> 00:31:51,560

It's with my attitude.

842

00:31:51,560 --> 00:31:54,560

I don't mean my mental attitude either. I mean my orientation of the car.

843

00:31:54,560 --> 00:32:00,560

My grip on the hood is linear to the car, but the force on me from the turn is perpendicular to the car.

844

00:32:00,560 --> 00:32:02,560

So it doesn't matter how hard I'm grabbing.

845

00:32:02,560 --> 00:32:07,560

Eventually, I'm being pulled so hard this way, I just can't hold on any longer.

846

00:32:08,560 --> 00:32:15,560

So the roof hag is gone from two, and that just leaves the emergency brake, where anything could happen.

847

00:32:15,560 --> 00:32:18,560

Adam on the hood with a sudden stop.

848

00:32:18,560 --> 00:32:23,560

I think he's going to be able to hold on because he's in line with the direction of force.

849

00:32:23,560 --> 00:32:27,560

He's got a good handhold on the inside edge of the hood.

850

00:32:27,560 --> 00:32:29,560

I don't see him coming off at all.

851

00:32:29,560 --> 00:32:31,560

Well, there's only one way to find out.

852

00:32:31,560 --> 00:32:33,560

I'll be careful.

853

00:32:33,560 --> 00:32:34,560

25.

854

00:32:34,560 --> 00:32:39,560

At a 25 miles an hour, Adam pulls it off with room to spare.

855

00:32:43,560 --> 00:32:46,560

25 miles per hour, no problem.

856

00:32:46,560 --> 00:32:48,560

Let's go to the maximum, 45.

857

00:32:48,560 --> 00:32:54,560

Throwing caution and insurance to the wind, Jamie floors it for the finale.

858

00:32:54,560 --> 00:32:55,560

35.

859

00:32:55,560 --> 00:32:57,560

45 miles an hour.

860

00:33:05,560 --> 00:33:08,560

Yeah, I held on.

861

00:33:08,560 --> 00:33:13,560

Again, Adam gets no airtime, and that's because Jamie was right.

862

00:33:13,560 --> 00:33:17,560

The huge force Adam's under is parallel with his body.

863

00:33:17,560 --> 00:33:20,560

That means it's much easier for him to get a grip.

864

00:33:20,560 --> 00:33:22,560

I think we're done here.

865

00:33:22,560 --> 00:33:23,560

You want to go back to the city?

866

00:33:23,560 --> 00:33:24,560

I do.

867

00:33:24,560 --> 00:33:25,560

You want to stay up there?

868

00:33:25,560 --> 00:33:26,560

Absolutely.

869

00:33:26,560 --> 00:33:27,560

Give me a second.

870

00:33:28,560 --> 00:33:30,560

Okay, go.

871

00:33:36,560 --> 00:33:37,560

What are you doing?

872

00:33:37,560 --> 00:33:38,560

Nothing.

873

00:33:38,560 --> 00:33:39,560

How fast can you run?

874

00:33:39,560 --> 00:33:40,560

Very.

875

00:33:41,560 --> 00:33:42,560

Ah!

876

00:33:42,560 --> 00:33:46,560

Carri Torri and Grant are testing a bizarre jailbreak myth.

877

00:33:46,560 --> 00:33:52,560

Can a man blow himself and his ball and chain to freedom out of a cannon?

878

00:33:52,560 --> 00:33:57,560

So we're here at the Alameda County Bomb Range, which is where myth busters come when they want to blow something up.

879

00:33:57,560 --> 00:34:05,560

We're going to get our cannon out, set it up, get Buster in place, put a cannonball on his leg, and see if we can launch him to freedom.

880

00:34:05,560 --> 00:34:09,560

But if our eager escapologists are going to blast Buster over a prison wall...

881

00:34:09,560 --> 00:34:10,560

Right here?

882

00:34:10,560 --> 00:34:11,560

Looks good to me.

883

00:34:11,560 --> 00:34:13,560

They'll need a wall.

884

00:34:13,560 --> 00:34:19,560

So according to the myth, the cannon was on the roof of the building, and then the cannonball with prisoner was shot over a fence.

885

00:34:19,560 --> 00:34:24,560

That's why we're doing sort of an imaginary low-set fence to shoot our cannonball over.

886

00:34:24,560 --> 00:34:29,560

But before Buster gets involved, the team need to test Torri's artillery.

887

00:34:29,560 --> 00:34:33,560

All right, so for this first test, we're just saying if the cannon even works.

888

00:34:33,560 --> 00:34:36,560

So there's no Buster, it's just the ball and chain.

889

00:34:36,560 --> 00:34:40,560

Yeah, because we don't know what's going to happen when we launch this. It could explode.

890

00:34:40,560 --> 00:34:43,560

All right, I say we start off small, and we'll ramp our way up.

891

00:34:43,560 --> 00:34:46,560

Is that you, Torri? Are you Mr. Safety now?

892

00:34:46,560 --> 00:34:48,560

I kind of like it. I like new Torri.

893

00:34:48,560 --> 00:34:55,560

But Safety Officer Torri still doesn't quite convince Carrie, so she takes charge of the charge.

894

00:34:55,560 --> 00:35:01,560

So we have everything set except for our charge, so we're going to start out with one shotgun shell of black powder.

895

00:35:02,560 --> 00:35:06,560

So it's boomer-bust for Torri and his cannon.

896

00:35:06,560 --> 00:35:10,560

This is my favorite part. I'm not gonna lie.

897

00:35:15,560 --> 00:35:19,560

As you see the fuse getting shorter, the tension melts.

898

00:35:22,560 --> 00:35:24,560

Yes!

899

00:35:24,560 --> 00:35:26,560

Touchdown!

900

00:35:26,560 --> 00:35:27,560

Nice!

901

00:35:27,560 --> 00:35:28,560

Nice!

902

00:35:28,560 --> 00:35:29,560

Nice!

903

00:35:29,560 --> 00:35:30,560

Good pop!

904

00:35:30,560 --> 00:35:31,560

Can it work?

905

00:35:31,560 --> 00:35:37,560

Traveling at more than 130 miles an hour, the ball and chain shot 80 yards.

906

00:35:38,560 --> 00:35:42,560

That's way over the wall and just perfect for our myth.

907

00:35:44,560 --> 00:35:47,560

All right, buddy, it's time for the old ball and chain.

908

00:35:47,560 --> 00:35:54,560

So now the team is ready to load the cannon and let rip once again, this time with Buster in tow.

909

00:35:55,560 --> 00:35:58,560

It's nothing personal, you know. You know that, right?

910

00:35:58,560 --> 00:36:01,560

And with a bit more grunt to get him on his way.

911

00:36:01,560 --> 00:36:04,560

Okay, two shotgun shells of black powder.

912

00:36:04,560 --> 00:36:09,560

Okay, so our cannon is in place. It's aimed at the wall. The wall's all set up.

913

00:36:09,560 --> 00:36:15,560

We've got our cannonball attached to Buster's leg and our prisoner Buster is ready to fly.

914

00:36:15,560 --> 00:36:17,560

All we need to do is light the fuse.

915

00:36:23,560 --> 00:36:24,560

Something good is bound to happen.

916

00:36:24,560 --> 00:36:26,560

Something's gonna happen.

917

00:36:26,560 --> 00:36:29,560

Let's hope it just knocks him over the fence in the midst of confirmed.

918

00:36:29,560 --> 00:36:30,560

All right.

919

00:36:36,560 --> 00:36:42,560

The ball and chain shot out of the cannon okay, but it failed to lift Buster over the fence.

920

00:36:42,560 --> 00:36:44,560

So what does that mean for our myth?

921

00:36:45,560 --> 00:36:46,560

Buster moved!

922

00:36:46,560 --> 00:36:47,560

He moved!

923

00:36:47,560 --> 00:36:48,560

Oh, six feet.

924

00:36:50,560 --> 00:36:53,560

But hey, maybe we just add a little more black powder.

925

00:36:53,560 --> 00:36:59,560

Maybe if two shotgun shells get him six feet, maybe three shotgun shells get him 18 feet.

926

00:36:59,560 --> 00:37:02,560

Why three? Let's go to five. Six even.

927

00:37:02,560 --> 00:37:04,560

I say ramp it up.

928

00:37:05,560 --> 00:37:10,560

After the break, not just more power, it's a new flight plan for Buster.

929

00:37:11,560 --> 00:37:13,560

Ah! Go, go!

930

00:37:13,560 --> 00:37:17,560

And the guys clean up on the car clean.

931

00:37:17,560 --> 00:37:19,560

Well, have fun.

932

00:37:24,560 --> 00:37:29,560

Carri-Torian Grant are having a blast.

933

00:37:31,560 --> 00:37:33,560

With this bizarre jailbreak myth.

934

00:37:36,560 --> 00:37:42,560

Is it possible to fly a jailbird to freedom by firing his ball and chain clean out of a cannon?

935

00:37:46,560 --> 00:37:49,560

So far, it looks like this myth just might fly.

936

00:37:50,560 --> 00:37:52,560

All that's needed is more oomph.

937

00:37:54,560 --> 00:37:56,560

Or is it really that simple?

938

00:37:56,560 --> 00:38:00,560

Well, you know what? Buster has made a metal, so he's totally missing the human element.

939

00:38:00,560 --> 00:38:02,560

Well, we do have some rope.

940

00:38:02,560 --> 00:38:07,560

So the best of our research is the closest that we could find to the breaking strength of human tissue.

941

00:38:07,560 --> 00:38:12,560

This half-inch synthetic rope has a breaking strain of nearly half a ton.

942

00:38:12,560 --> 00:38:13,560

Okay.

943

00:38:13,560 --> 00:38:18,560

About the same as the muscle and ligament in a real human hip joint.

944

00:38:19,560 --> 00:38:21,560

All right, everybody clear?

945

00:38:24,560 --> 00:38:25,560

Here we go.

946

00:38:27,560 --> 00:38:29,560

Come on! Here we go!

947

00:38:36,560 --> 00:38:37,560

Is it a bird?

948

00:38:38,560 --> 00:38:39,560

Is it a plane?

949

00:38:39,560 --> 00:38:41,560

Oh, it's a leg.

950

00:38:42,560 --> 00:38:45,560

Traveling at over 200 miles an hour.

951

00:38:45,560 --> 00:38:50,560

But it's still not enough to lift Buster's body into the wild blue yonder.

952

00:38:51,560 --> 00:38:52,560

Ah!

953

00:38:52,560 --> 00:38:53,560

Yes!

954

00:38:53,560 --> 00:38:55,560

That's what I'm talking about!

955

00:38:55,560 --> 00:38:58,560

The only thing that's free is his leg from his body.

956

00:38:58,560 --> 00:39:00,560

So did he escape from prison?

957

00:39:00,560 --> 00:39:01,560

Pray not!

958

00:39:02,560 --> 00:39:06,560

But you know what? No matter how you look at this one, it's still Busted.

959

00:39:06,560 --> 00:39:10,560

Yeah, from the human analog perspective, not only did it separate the leg from the body,

960

00:39:10,560 --> 00:39:11,560

but it ripped off all the flesh.

961

00:39:11,560 --> 00:39:13,560

There's no way you're surviving that.

962

00:39:13,560 --> 00:39:16,560

Even with an entirely metal skeleton, he's not making it over the wall in one piece.

963

00:39:16,560 --> 00:39:18,560

Yeah, this would never happen.

964

00:39:18,560 --> 00:39:19,560

Busted.

965

00:39:20,560 --> 00:39:21,560

Totally busted.

966

00:39:28,560 --> 00:39:34,560

Adam and Jamie have been flung left, right, and centered.

967

00:39:36,560 --> 00:39:39,560

Testing the myth of the car clink, and the results are in.

968

00:39:39,560 --> 00:39:40,560

I'm all right.

969

00:39:41,560 --> 00:39:42,560

How are we going to call it?

970

00:39:42,560 --> 00:39:45,560

Dude, I'm calling this one fun with a capital F.

971

00:39:45,560 --> 00:39:47,560

I swear this is a whole new amusement park...

972

00:39:47,560 --> 00:39:49,560

Oh, you mean Busted Possible Confirmed?

973

00:39:49,560 --> 00:39:50,560

Yeah.

974

00:39:50,560 --> 00:39:51,560

Okay.

975

00:39:51,560 --> 00:39:55,560

Holding on to the hood of the car, I was knocked off for two out of the three tests we did.

976

00:39:55,560 --> 00:39:59,560

And as far as the riff goes, I was pretty much able to hold on through anything.

977

00:39:59,560 --> 00:40:04,560

Yeah, but that was with the windows down, and in action movie man, those windows are up.

978

00:40:04,560 --> 00:40:06,560

In which case, I'd be toast.

979

00:40:06,560 --> 00:40:08,560

I guess that means we have to call it Busted, huh?

980

00:40:08,560 --> 00:40:10,560

I agree, but I don't want to finish up just yet.

981

00:40:10,560 --> 00:40:13,560

There is one more shake-off technique that I've been dying to try.

982

00:40:13,560 --> 00:40:14,560

Are you game?

983

00:40:14,560 --> 00:40:15,560

Sure.

984

00:40:15,560 --> 00:40:16,560

All right, let's do it.

985

00:40:18,560 --> 00:40:23,560

And the final flinging fable is not a swerve or a stop, or even a crash.

986

00:40:23,560 --> 00:40:27,560

It's something way more bizarre, straight from the fans up.

987

00:40:27,560 --> 00:40:30,560

It is, of course, the car wash knockoff.

988

00:40:30,560 --> 00:40:36,560

As long as we're testing methods for removing unwanted pests from the outside of your car,

989

00:40:36,560 --> 00:40:39,560

we couldn't finish this without going through the car wash.

990

00:40:39,560 --> 00:40:43,560

And first up, it's soak dodger Jamie Heineman.

991

00:40:43,560 --> 00:40:45,560

Oh, you ready?

992

00:40:47,560 --> 00:40:48,560

Here we go.

993

00:40:48,560 --> 00:40:50,560

Oh, God.

994

00:40:54,560 --> 00:40:55,560

This is awesome.

995

00:40:55,560 --> 00:41:01,560

Now, how often do you get to wash yourself, your clothes, and your car at the same time?

996

00:41:03,560 --> 00:41:04,560

That is cool.

997

00:41:05,560 --> 00:41:08,560

I feel like I'm going through a noodle machine.

998

00:41:10,560 --> 00:41:15,560

After a quick blow dry, this noodle is done.

999

00:41:17,560 --> 00:41:18,560

How is that?

1000

00:41:20,560 --> 00:41:24,560

That was definitely one of those what the heck am I doing moments?

1001

00:41:24,560 --> 00:41:26,560

What was the worst part?

1002

00:41:26,560 --> 00:41:27,560

The cold.

1003

00:41:28,560 --> 00:41:33,560

With a water temperature of 55, it sure was chilly, but Jamie stayed on.

1004

00:41:33,560 --> 00:41:36,560

Now, can our boy from the hood equal this effort?

1005

00:41:37,560 --> 00:41:38,560

I'm ready.

1006

00:41:39,560 --> 00:41:41,560

You're going to go through that butt first, huh?

1007

00:41:41,560 --> 00:41:42,560

Absolutely.

1008

00:41:42,560 --> 00:41:43,560

All right then.

1009

00:41:43,560 --> 00:41:45,560

Well, have fun.

1010

00:41:45,560 --> 00:41:46,560

I will.

1011

00:41:47,560 --> 00:41:49,560

Adam, have fun?

1012

00:41:49,560 --> 00:41:50,560

Surely not.

1013

00:41:50,560 --> 00:41:51,560

Oh, no.

1014

00:41:52,560 --> 00:41:53,560

Oh, that's cool.

1015

00:41:54,560 --> 00:41:59,560

Adam clings on through the rinse and through the spin.

1016

00:41:59,560 --> 00:42:04,560

The drying gives him a shock, but not a knot.

1017

00:42:05,560 --> 00:42:07,560

That's a thing, isn't it?

1018

00:42:07,560 --> 00:42:08,560

Yeah.

1019

00:42:08,560 --> 00:42:12,560

I'm glad I did that, and I'm glad I don't ever have to do it again.

1020

00:42:12,560 --> 00:42:18,560

Okay, so the story is this is supposed to knock you off the car, not even close.

1021

00:42:18,560 --> 00:42:20,560

I didn't even have to hold on.

1022

00:42:20,560 --> 00:42:24,560

It's not very pleasant, but it's not going to knock you off the car.

1023

00:42:24,560 --> 00:42:27,560

This falls into the category of kind of thing.

1024

00:42:27,560 --> 00:42:29,560

The 10 years from now, someone's going to say to me,

1025

00:42:29,560 --> 00:42:30,560

what do you want to do?

1026

00:42:30,560 --> 00:42:32,560

It's like to ride a car on the outside through a car wash,

1027

00:42:32,560 --> 00:42:35,560

and I'll get to say, not only have I done that,

1028

00:42:35,560 --> 00:42:39,560

I did it in the name of science because this myth is busting.