

1

00:00:00,000 --> 00:00:12,640

On this episode of MythBusters, is it pancake day for this compact in the head on from hell?

2

00:00:12,640 --> 00:00:14,940

Once you guys go, you just go.

3

00:00:14,940 --> 00:00:18,880

Or with big rigs on the loose, are the MythBusters toast.

4

00:00:18,880 --> 00:00:19,880

Details.

5

00:00:19,880 --> 00:00:20,880

I know.

6

00:00:20,880 --> 00:00:26,040

And can vodka cure bad breath and cheesy feet?

7

00:00:26,040 --> 00:00:32,880

Grant and Adam go head to toe in an up close and personal hygiene test.

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

There is no dignity in television.

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00:00:34,880 --> 00:00:38,920

Who are the MythBusters?

10

00:00:38,920 --> 00:00:42,800

Adam Savage.

11

00:00:42,800 --> 00:00:43,800

And Jamie Heineman.

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00:00:43,800 --> 00:00:46,880

Aren't Tracer rounds illegal?

13

00:00:46,880 --> 00:00:50,480

Between them more than 30 years special effects experience.

14

00:00:50,480 --> 00:00:52,600

That's what I'm talking about.

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00:00:52,600 --> 00:01:00,760

They don't just tell the myths, they put them to the test.

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00:01:00,760 --> 00:01:12,400

So here's the story.

17

00:01:12,400 --> 00:01:14,920

Two semi trucks head on collision.

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00:01:14,920 --> 00:01:18,920

The collision is so strong that they are fused together and have to be taken away to a wreckage

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00:01:18,920 --> 00:01:21,360

yard in one piece.

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00:01:21,360 --> 00:01:25,200

After a while there's a really terrible sort of decomposing smell.

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00:01:25,200 --> 00:01:29,320

And they start to pull the trucks part to find out what's going on with the smell.

22

00:01:29,320 --> 00:01:34,800

And they find a small European car completely squished into a pancake with the driver still

23

00:01:34,800 --> 00:01:35,800

inside.

24

00:01:35,800 --> 00:01:36,800

I've heard the story.

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00:01:36,800 --> 00:01:41,160

The way I heard it though is that one of the trucks was tailgating another.

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00:01:41,160 --> 00:01:47,240

First driver slammed on the brakes, second truck smashed into him and you know the same

27

00:01:47,240 --> 00:01:48,840

thing, driver got pancake.

28

00:01:48,840 --> 00:01:53,320

Well you know even though Kerry's scenario is a little less plausible, I think that's

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00:01:53,320 --> 00:01:57,480

one that we should do because that's the one that has the biggest spectacle, it's the

30

00:01:57,480 --> 00:01:58,480

biggest impact.

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00:01:58,480 --> 00:02:04,160

You know a head on collision with two full sized semi trailer trucks going 60, 75 miles

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00:02:04,160 --> 00:02:06,440

an hour, that's what we want.

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00:02:06,440 --> 00:02:07,760

And that's what you got.

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00:02:07,760 --> 00:02:12,440

Minus the compact in the movie Matrix Reloaded.

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00:02:12,440 --> 00:02:17,160

In this famous collision the two semi trailers did fuse together.

36

00:02:17,160 --> 00:02:20,720

But this sequence was created by CGI.

37

00:02:20,720 --> 00:02:29,040

The Mythbusters planned to pull this off with real trucks and with a compact car in between.

38

00:02:29,040 --> 00:02:34,440

With a budget the size of Reloaded's daily donut allowance, Kerry and Tori hit the road

39

00:02:34,440 --> 00:02:37,720

in search of two free semi trailers.

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00:02:37,720 --> 00:02:47,360

The trail takes them to the Specialty Truck Park.

41

00:02:47,360 --> 00:02:52,360

Manager Dan Green shows them some trucks with a cab over engine configuration.

42

00:02:52,360 --> 00:02:55,400

They're flat fronted for maximum squashing power.

43

00:02:55,400 --> 00:02:56,720

Alright this is what we're trying to do.

44

00:02:56,720 --> 00:03:02,000

This is the compact car, these are the trucks.

45

00:03:02,000 --> 00:03:03,000

That's what we're trying to do.

46

00:03:03,000 --> 00:03:04,000

I think I cut my hair.

47

00:03:04,000 --> 00:03:05,520

Ah this one's good.

48

00:03:05,520 --> 00:03:10,000

It's tall, it's wide, it's the cab over there.

49

00:03:10,000 --> 00:03:13,800

All that's missing are a couple of trailers to trash.

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00:03:13,800 --> 00:03:15,800

And Dan calls in an old favor.

51

00:03:15,800 --> 00:03:16,800

They're on the way.

52

00:03:16,800 --> 00:03:17,800

Dan, making it happen.

53

00:03:17,800 --> 00:03:23,800

So we can take that truck and that truck, get us a couple trailers, we're good to go.

54

00:03:23,800 --> 00:03:28,320

Looks like the Mythbusters have pulled off another piece of prize panhandling.

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00:03:28,320 --> 00:03:30,680

And the myth is up and running.

56

00:03:30,680 --> 00:03:33,560

The plausibility of this myth is actually looking really good.

57

00:03:33,560 --> 00:03:39,200

It sounds like from Dan's point of view, with the right size, mass, momentum and shape,

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00:03:39,200 --> 00:03:42,640

we might be able to smash this little car into a pancake.

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00:03:42,640 --> 00:03:46,240

Sounds encouraging.

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00:03:46,240 --> 00:03:51,120

While Tori and Kerry have been shopping for semis, built team buddy Grant has been looking

61

00:03:51,120 --> 00:03:55,200

for a vacant stretch of freeway to smash them on.

62

00:03:55,200 --> 00:03:58,280

By an amazing coincidence, this Allen M.

63

00:03:58,280 --> 00:04:05,280

The freeway was specially constructed for, you guessed it, Matrix Reloaded.

64

00:04:05,280 --> 00:04:12,280

One of the biggest sets in movie history, it allowed the director to shoot take after

65

00:04:12,280 --> 00:04:16,280

take, without having to close off public roads.

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00:04:16,280 --> 00:04:20,280

What I'm looking for here is a straight 3,000 foot run.

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00:04:20,280 --> 00:04:24,280

I also need a straight 3,000 foot run.

68

00:04:24,280 --> 00:04:27,280

What I'm looking for here is a straight 3,000 foot run.

69

00:04:27,280 --> 00:04:30,280

I also need a 1,500 foot run.

70

00:04:30,280 --> 00:04:33,280

Those two are going to meet and form a T.

71

00:04:33,280 --> 00:04:38,280

At the intersection of the T is going to be ground zero, where two semis will collide

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00:04:38,280 --> 00:04:45,280

and hopefully make an already compact European car even more compact.

73

00:04:45,280 --> 00:04:51,280

1,500 feet, 1,500 feet, 1,500 feet.

74

00:04:52,280 --> 00:04:55,280

They've got the track, the trucks and the trailers.

75

00:04:55,280 --> 00:04:58,280

But how about the small matter of the compact?

76

00:04:58,280 --> 00:05:00,280

No problem.

77

00:05:00,280 --> 00:05:03,280

I've traveled all the way out to the suburbs because we've got a fan here who's willing

78

00:05:03,280 --> 00:05:08,280

to relinquish his small European vehicle to be completely pancake between our two semi trucks.

79

00:05:08,280 --> 00:05:11,280

Mythbusters fans just keep on giving.

80

00:05:11,280 --> 00:05:13,280

How long has it been sitting in your driveway?

81

00:05:13,280 --> 00:05:15,280

About five years.

82

00:05:15,280 --> 00:05:16,280

Really?

83

00:05:16,280 --> 00:05:19,280

And you're willing to just let us destroy it?

84

00:05:19,280 --> 00:05:21,280

Well, I think it goes to a good cost.

85

00:05:21,280 --> 00:05:23,280

I think it'll be a lot of fun.

86

00:05:23,280 --> 00:05:24,280

So you've seen the show?

87

00:05:24,280 --> 00:05:25,280

Oh yes, many times.

88

00:05:25,280 --> 00:05:26,280

You know what it's in for?

89

00:05:26,280 --> 00:05:27,280

Yes, I do.

90

00:05:32,280 --> 00:05:34,280

Oh, nice.

91

00:05:36,280 --> 00:05:37,280

It's definitely little.

92

00:05:37,280 --> 00:05:38,280

Let's open it.

93

00:05:42,280 --> 00:05:45,280

Oh, this is sweet.

94

00:05:45,280 --> 00:05:47,280

This is way too nice.

95

00:05:47,280 --> 00:05:51,280

The motor's gone so it's time to move on to bigger and better things.

96

00:05:51,280 --> 00:05:54,280

It breaks my heart to think that we're going to smash this car up.

97

00:05:54,280 --> 00:05:56,280

The upholstery is perfect.

98

00:05:56,280 --> 00:05:57,280

It's so cute.

99

00:05:57,280 --> 00:05:59,280

Oh well, she'll get over it.

100

00:06:00,280 --> 00:06:05,280

Well, we've gotten the requested vehicles, but none of us is really sure how you're going to be able

101

00:06:05,280 --> 00:06:08,280

to crash these two semis at the same time.

102

00:06:08,280 --> 00:06:12,280

We're going to put tow cables on the front of each of the semis.

103

00:06:12,280 --> 00:06:14,280

We're going to pull them towards the center point,

104

00:06:14,280 --> 00:06:18,280

but both cables will be pulled by the same tow vehicle.

105

00:06:18,280 --> 00:06:25,280

Air go, both trucks ought to hit that small European car at precisely the same moment.

106

00:06:25,280 --> 00:06:28,280

The plan is for a T-shaped crash course,

107

00:06:28,280 --> 00:06:33,280

with the semis running along the horizontal and the tow truck along the vertical line.

108

00:06:34,280 --> 00:06:36,280

The cables will run through pulleys,

109

00:06:36,280 --> 00:06:41,280

which will be secured in concrete below the compact at ground zero.

110

00:06:41,280 --> 00:06:45,280

The result should be a precision collision.

111

00:06:48,280 --> 00:06:51,280

It's D for Destruction Day at Alameda,

112

00:06:51,280 --> 00:06:53,280

and the crash crew arrives in convoy.

113

00:06:53,280 --> 00:06:55,280

There's a serious smash in store,

114

00:06:55,280 --> 00:07:01,280

but engineering ahead on collision is going to need some cunning choreography.

115

00:07:01,280 --> 00:07:04,280

Okay, Kerry, at either end of the tarmac is a truck.

116

00:07:04,280 --> 00:07:06,280

We're going to connect cables to those trucks

117

00:07:06,280 --> 00:07:10,280

and pull the cables to a central point, which is right here.

118

00:07:10,280 --> 00:07:11,280

Okay.

119

00:07:11,280 --> 00:07:15,280

So what we need you to do is drill a four-foot deep hole

120

00:07:15,280 --> 00:07:18,280

so we can sink a pole in there and put two pulleys on it.

121

00:07:19,280 --> 00:07:21,280

Wow, that's quite a plan.

122

00:07:22,280 --> 00:07:24,280

A lot of things have to go right for that plan to work.

123

00:07:24,280 --> 00:07:25,280

Absolutely.

124

00:07:26,280 --> 00:07:27,280

But here's where we start.

125

00:07:29,280 --> 00:07:31,280

While Kerry bores the hole at ground zero,

126

00:07:31,280 --> 00:07:37,280

Grant and Tori start prepping the trucks for what should be a spectacular swan song.

127

00:07:37,280 --> 00:07:43,280

Job number two, we've got a weld guide bar that will help keep the truck straight during the experiment.

128

00:07:43,280 --> 00:07:46,280

If they veer off, guide bars will help bring them back in a straight path.

129

00:07:46,280 --> 00:07:48,280

They've been here before.

130

00:07:48,280 --> 00:07:53,280

The myth of the killer tissue box also called for a high-speed collision under tow.

131

00:07:53,280 --> 00:07:59,280

So the guys rigged up a steering rack to keep the crash car on course right up to impact.

132

00:07:59,280 --> 00:08:11,280

But can the same technique keep two large trucks on track after the break?

133

00:08:11,280 --> 00:08:13,280

Now you know you've made it.

134

00:08:13,280 --> 00:08:14,280

Oh, yeah.

135

00:08:14,280 --> 00:08:19,280

We all know vodka packs a punch, but can it KO the smell of these puppies?

136

00:08:19,280 --> 00:08:24,280

And Jamie gets serious about safety at the crash track.

137

00:08:24,280 --> 00:08:26,280

Reinforce the heck out of everything.

138

00:08:26,280 --> 00:08:28,280

You know, there can't be anything clumsy here.

139

00:08:28,280 --> 00:08:30,280

Or we're screwed.

140

00:08:33,280 --> 00:08:37,280

The Mythbusters have a history of testing liquid myths.

141

00:08:37,280 --> 00:08:45,280

In a previous episode, they put cola to an array of tests to see if your favorite soda is more than just a thirst quencher.

142

00:08:45,280 --> 00:08:48,280

It's kind of rejuvenating the blood, isn't it?

143

00:08:48,280 --> 00:08:50,280

Isn't that what they advertise it to do?

144

00:08:50,280 --> 00:08:55,280

Now, Carrie has another bevy of bevy myths to test.

145

00:08:55,280 --> 00:08:57,280

Okay, what is it?

146

00:08:57,280 --> 00:09:03,280

Vodka. Our researchers have been scouring the Internet and have compiled a list of the top vodka myths.

147

00:09:03,280 --> 00:09:12,280

Vodka didn't make it to the West until the 1940s, but Russians have been quaffing it for over a thousand years.

148

00:09:12,280 --> 00:09:20,280

Today, it's more than just the national drink, it's an icon, and the Russian people believe it possesses mythical powers.

149

00:09:22,280 --> 00:09:25,280

Time for a vodka myth.

150

00:09:28,280 --> 00:09:32,280

The myth is that washing your foot with vodka is going to cure foot odor.

151

00:09:32,280 --> 00:09:37,280

So we're going to do a little comparison. One vodka foot and one commercial foot soap.

152

00:09:37,280 --> 00:09:41,280

I'm wearing my oldest shoes today just by happenstance.

153

00:09:41,280 --> 00:09:44,280

So my foot odor might be pretty good.

154

00:09:44,280 --> 00:09:48,280

Well, I've got a ninja nose here that's going to do my sniff test.

155

00:09:51,280 --> 00:09:53,280

This is like some of the ugliest feet I've ever seen.

156

00:09:53,280 --> 00:09:56,280

I mean, not like I'm a foot specialist.

157

00:09:56,280 --> 00:09:59,280

I think I have to do a before test.

158

00:09:59,280 --> 00:10:03,280

Oh, please. Present your foot. How is it?

159

00:10:05,280 --> 00:10:08,280

That's not foot odor. That's foot odia.

160

00:10:09,280 --> 00:10:11,280

We got a little foot odor here.

161

00:10:11,280 --> 00:10:13,280

Oh, yeah, that's good.

162

00:10:13,280 --> 00:10:14,280

Okay.

163

00:10:14,280 --> 00:10:16,280

Grant, just got to put on the blindfold.

164

00:10:17,280 --> 00:10:18,280

Ready.

165

00:10:18,280 --> 00:10:22,280

Okay, this is some commercial foot odor soap.

166

00:10:22,280 --> 00:10:28,280

And then I've got vodka, which I'm going to use more of a pouring method because there's not as much to soak.

167

00:10:28,280 --> 00:10:32,280

Would this be considered a perk of your myth buster experience?

168

00:10:32,280 --> 00:10:34,280

Are you talking to me or him?

169

00:10:34,280 --> 00:10:40,280

I had to say, I think there's going to be a lot of jealous fans out there, but I'm getting my feet washed by you, Kerry.

170

00:10:40,280 --> 00:10:42,280

Now you know you've made it.

171

00:10:42,280 --> 00:10:43,280

Oh, yeah.

172

00:10:43,280 --> 00:10:46,280

Okay, sir, with mine, soaking in these for a few minutes.

173

00:10:46,280 --> 00:10:47,280

No, not at all.

174

00:10:47,280 --> 00:10:51,280

Relax in the sunshine and we'll come back for the sniff test.

175

00:10:51,280 --> 00:10:52,280

All right.

176

00:10:53,280 --> 00:10:57,280

Busting myths. It's a hard life, but someone's got to do it.

177

00:10:57,280 --> 00:11:11,280

In the myth of the compact compact, some champion eyelash batting by Kerry has secured two trucks, two trailers and one small car.

178

00:11:11,280 --> 00:11:16,280

Now the plan is to turn them into one large metal sandwich.

179

00:11:18,280 --> 00:11:22,280

Grant and Tory have been building steering rigs to keep the truck straight under tow.

180

00:11:22,280 --> 00:11:26,280

Adam and Jamie arrive to check on progress.

181

00:11:26,280 --> 00:11:27,280

Hey guys, how's it going?

182

00:11:27,280 --> 00:11:28,280

Hi.

183

00:11:28,280 --> 00:11:29,280

What's going on?

184

00:11:29,280 --> 00:11:31,280

So is it, what do you think?

185

00:11:31,280 --> 00:11:32,280

Is it on or off?

186

00:11:32,280 --> 00:11:33,280

It looks like it's going to work.

187

00:11:33,280 --> 00:11:34,280

Check it out.

188

00:11:34,280 --> 00:11:36,280

It's going to steer it.

189

00:11:36,280 --> 00:11:38,280

Now, let's see.

190

00:11:38,280 --> 00:11:43,280

So it's just like the killie tissue box with a guide bar that'll self-correct.

191

00:11:43,280 --> 00:11:46,280

Right away, Jamie spots a problem.

192

00:11:46,280 --> 00:11:49,280

The more I look at this, the more concerned I get actually.

193

00:11:49,280 --> 00:11:53,280

I don't mean to reign in your parade, but we only have one shot at this.

194

00:11:53,280 --> 00:11:54,280

Right.

195

00:11:54,280 --> 00:12:01,280

And that almost looks like if I had a heavy enough screwdriver and pounded it in there, I could pry it out, you know?

196

00:12:01,280 --> 00:12:03,280

And this is, this is a lot of force.

197

00:12:03,280 --> 00:12:08,280

Jamie's special effects experience tells him that the rig needs reinforcing.

198

00:12:08,280 --> 00:12:19,280

What if you ran a plate welded it on right here and as wide as you can and then weld a filler between this stuff and that.

199

00:12:19,280 --> 00:12:22,280

I think it's a great idea because there is no movement of this arm.

200

00:12:22,280 --> 00:12:36,280

What we're trying to do is put a guide system on the front of this truck using its own steering system, just helping it along with a lever going forward so that when the tow trucks are pulling them, they're self-guiding.

201

00:12:36,280 --> 00:12:38,280

These trucks will go where the cables go.

202

00:12:38,280 --> 00:12:40,280

Sounds perfect.

203

00:12:40,280 --> 00:12:47,280

While Grandin Tori make the necessary adjustments to the steering rig, Carrie's still busy boring.

204

00:12:47,280 --> 00:12:49,280

Inching down this hole.

205

00:12:49,280 --> 00:12:50,280

Big five.

206

00:12:50,280 --> 00:12:52,280

Very slow process.

207

00:12:52,280 --> 00:12:53,280

Wow.

208

00:13:01,280 --> 00:13:03,280

It's down three feet. I say we call that good.

209

00:13:03,280 --> 00:13:04,280

You bet.

210

00:13:04,280 --> 00:13:11,280

Now are you concerned that our stable part is only about 12 inches deep?

211

00:13:11,280 --> 00:13:19,280

Because I do have a plan B, which is to have a plate and some reinforcement on that.

212

00:13:19,280 --> 00:13:21,280

Reinforce a heck out of everything.

213

00:13:21,280 --> 00:13:23,280

You know, there can't be anything flimsy here.

214

00:13:23,280 --> 00:13:30,280

With lives at stake, Jamie keeps hammering home the message that this myth should not be taken lightly.

215

00:13:35,280 --> 00:13:40,280

The shaft is sunk, the plate is welded and bolted to the tarmac.

216

00:13:40,280 --> 00:13:43,280

Things are rolling along nicely.

217

00:13:43,280 --> 00:13:45,280

Everything seems to be going along fine out here.

218

00:13:45,280 --> 00:13:49,280

These guys are all welding their various parts into place.

219

00:13:49,280 --> 00:13:51,280

While they're doing that, I'm going to set up the cable.

220

00:13:51,280 --> 00:13:56,280

These are 1500 foot runs of 3 eighths inch cable.

221

00:13:56,280 --> 00:14:00,280

The braking strength on this cable, I believe is close to 20,000 pounds.

222

00:14:00,280 --> 00:14:01,280

It's just under that.

223

00:14:01,280 --> 00:14:06,280

So the cable should be more than strong enough to pull these trucks up to speed.

224

00:14:07,280 --> 00:14:09,280

This crash test needs a dummy.

225

00:14:09,280 --> 00:14:11,280

A cube buster.

226

00:14:14,280 --> 00:14:19,280

Okay, the wire has been laid, the pulleys have been rigged, and the guide bars have been welded on.

227

00:14:19,280 --> 00:14:21,280

Now it's time to move the trucks into position.

228

00:14:21,280 --> 00:14:25,280

Plan number one was to pull two semis with one tow truck.

229

00:14:25,280 --> 00:14:27,280

But the mass is too great for one.

230

00:14:27,280 --> 00:14:32,280

So plan number two involves two tow trucks, that is.

231

00:14:33,280 --> 00:14:35,280

I always wanted to watch that happen.

232

00:14:35,280 --> 00:14:42,280

Over half a mile away at the other end of the runway, the second tow truck hooks up the other semi.

233

00:14:44,280 --> 00:14:52,280

Then the semis are lined up on their starting grids, each one precisely 1500 feet from the compact.

234

00:14:54,280 --> 00:14:55,280

Perfect!

235

00:14:57,280 --> 00:15:00,280

That leads just one more piece of the puzzle.

236

00:15:01,280 --> 00:15:05,280

Watch your feet around this thing, and we'll kill you.

237

00:15:05,280 --> 00:15:07,280

The next step is that we're going to put the weights in the trailer.

238

00:15:07,280 --> 00:15:11,280

The weights are steel plates, and each one of them weighs about 5,000 pounds.

239

00:15:12,280 --> 00:15:20,280

And the point of this is that we need to simulate the worst case situation, which is with the trailer and a truck that are fully loaded.

240

00:15:20,280 --> 00:15:26,280

Everything is set. The scale of the impending crash suddenly hits home.

241

00:15:26,280 --> 00:15:27,280

Coming up.

242

00:15:27,280 --> 00:15:29,280

They feel squeaky clean.

243

00:15:29,280 --> 00:15:33,280

Adam's feet bring Grant to his knees in vodka foot bath.

244

00:15:33,280 --> 00:15:34,280

I don't want to do that again.

245

00:15:34,280 --> 00:15:38,280

And the mythbusters run for their lives in compact compact.

246

00:15:38,280 --> 00:15:40,280

I pictured all of us getting sliced in half.

247

00:15:42,280 --> 00:15:47,280

10 vodka cure foot odor.

248

00:15:47,280 --> 00:15:50,280

That's the myth, and this is the guinea pig.

249

00:15:50,280 --> 00:15:53,280

The unfortunate Grant is the nose.

250

00:15:53,280 --> 00:15:58,280

I just smelled Adam's feet, and it was gnarly.

251

00:15:58,280 --> 00:16:10,280

The benefit of the viewers, if I were to rate Adam's foot odor on a scale of 1 to 10, where 10 being perhaps the worst thing I've ever smelled in my life,

252

00:16:10,280 --> 00:16:14,280

I'd have to say he's probably about a 7, maybe 8.

253

00:16:14,280 --> 00:16:23,280

Since the control sniff, Adam's been taking the weight off, with one foot soaking in commercial foot soap, and the other in a vodka foot bath.

254

00:16:23,280 --> 00:16:29,280

He's got high hopes for this myth, but is he underestimating the scale of the problem?

255

00:16:29,280 --> 00:16:34,280

They feel squeaky clean. I don't know if they've been this clean in ages.

256

00:16:34,280 --> 00:16:46,280

Well, alcohol is definitely a way to kill bacteria, and as bacteria, I believe, are primary cause of foot odor, I think vodka ought to do just fine.

257

00:16:46,280 --> 00:16:50,280

I wouldn't be surprised if Grant is unable to tell the difference between the two feet.

258

00:16:50,280 --> 00:16:57,280

The condemned man is led from the building. His one last wish that Adam is right.

259

00:16:57,280 --> 00:16:59,280

Hello.

260

00:16:59,280 --> 00:17:00,280

Hello.

261

00:17:00,280 --> 00:17:03,280

Okay, start with that one.

262

00:17:03,280 --> 00:17:05,280

And put your toes like that.

263

00:17:05,280 --> 00:17:07,280

They are.

264

00:17:07,280 --> 00:17:11,280

Grinch nothing if not thorough.

265

00:17:15,280 --> 00:17:19,280

There is no dignity in television.

266

00:17:19,280 --> 00:17:24,280

It's not bad. It's really not that, maybe, you know, a 0.5.

267

00:17:24,280 --> 00:17:25,280

Wow.

268

00:17:25,280 --> 00:17:30,280

All right, well let's try foot number two.

269

00:17:30,280 --> 00:17:33,280

Here you are trembling.

270

00:17:33,280 --> 00:17:44,280

Okay, this one, I think this one is the vodka foot, and I think I smell just a little trace of something on it.

271

00:17:44,280 --> 00:17:49,280

And still, not anywhere near a seven or anything like that.

272

00:17:49,280 --> 00:17:53,280

If anything, it's still like a 0.75. It's under one.

273

00:17:53,280 --> 00:17:56,280

You got it right. This is actually the vodka foot.

274

00:17:56,280 --> 00:18:00,280

You said, given your druthers, you'd choose the footbath foot over the vodka foot.

275

00:18:00,280 --> 00:18:04,280

Both of them removed almost all of the traces of any odor.

276

00:18:04,280 --> 00:18:06,280

So I'd say that's myth confirmed.

277

00:18:06,280 --> 00:18:07,280

Confirmed.

278

00:18:07,280 --> 00:18:08,280

Confirmed.

279

00:18:08,280 --> 00:18:10,280

I don't want to do that again.

280

00:18:10,280 --> 00:18:11,280

You sure?

281

00:18:11,280 --> 00:18:12,280

Yeah.

282

00:18:13,280 --> 00:18:27,280

The Mythbusters are attempting to pancake this little car between two big rigs in a high speed head-on collision.

283

00:18:27,280 --> 00:18:33,280

The two tow truck drivers are going to be key players, so Jamie gives them the lowdown about the myth.

284

00:18:33,280 --> 00:18:40,280

So we've got a car over here, and we've got two semis, and you guys are going to make them go,

285

00:18:40,280 --> 00:18:42,280

smack, with the car in the middle.

286

00:18:42,280 --> 00:18:45,280

And we even have a crash test dummy in the car ready to go.

287

00:18:45,280 --> 00:18:46,280

Have you heard of this myth?

288

00:18:46,280 --> 00:18:47,280

No.

289

00:18:47,280 --> 00:18:50,280

Not heard anything about it?

290

00:18:50,280 --> 00:18:51,280

Actually, I have.

291

00:18:51,280 --> 00:18:52,280

You have heard of the myth.

292

00:18:52,280 --> 00:18:53,280

What did you hear?

293

00:18:53,280 --> 00:18:55,280

Exactly what you described.

294

00:18:55,280 --> 00:19:00,280

According to the myth, a compact car was caught up in a head-on between two semi-trailers.

295

00:19:00,280 --> 00:19:05,280

The trucks fused together in the impact, and the wreck was towed off in one piece,

296

00:19:05,280 --> 00:19:09,280

with the compact car squashed flat in between them.

297

00:19:09,280 --> 00:19:14,280

First, a tow test to see if the cables hold and the steering steers.

298

00:19:14,280 --> 00:19:20,280

The tow cables have a braking strain of 20,000 pounds and shouldn't break.

299

00:19:20,280 --> 00:19:24,280

The ropes that attach the cables to the tow truck should.

300

00:19:24,280 --> 00:19:30,280

They are only good to 6,000 pounds and are designed to snap when the semis collide,

301

00:19:30,280 --> 00:19:33,280

so the tow trucks never reach the end of their tether.

302

00:19:33,280 --> 00:19:35,280

Of course, no.

303

00:19:35,280 --> 00:19:36,280

Hi, Jamie.

304

00:19:36,280 --> 00:19:40,280

I have the cable hooked up to the truck, ready when you are.

305

00:19:40,280 --> 00:19:41,280

Ready to go?

306

00:19:41,280 --> 00:19:42,280

Ready.

307

00:19:42,280 --> 00:19:43,280

All right.

308

00:19:46,280 --> 00:19:48,280

Everything looks good, Jamie.

309

00:19:48,280 --> 00:19:49,280

Over.

310

00:19:50,280 --> 00:19:51,280

Looks good.

311

00:19:51,280 --> 00:19:53,280

It seems to be working.

312

00:19:53,280 --> 00:19:57,280

34,000 pounds of truck, no driver.

313

00:19:59,280 --> 00:20:01,280

And there goes the tow roll.

314

00:20:02,280 --> 00:20:05,280

We've got ourselves a runaway.

315

00:20:05,280 --> 00:20:06,280

Runaway.

316

00:20:07,280 --> 00:20:08,280

Cable's coming this way.

317

00:20:08,280 --> 00:20:09,280

Right now.

318

00:20:09,280 --> 00:20:10,280

Yeah.

319

00:20:10,280 --> 00:20:13,280

How do we stop this thing?

320

00:20:13,280 --> 00:20:16,280

That's a very good question, with no answer.

321

00:20:17,280 --> 00:20:19,280

Get your car out of the way, dad.

322

00:20:20,280 --> 00:20:21,280

Get out of the car.

323

00:20:21,280 --> 00:20:22,280

This way.

324

00:20:28,280 --> 00:20:30,280

I don't see the cable.

325

00:20:32,280 --> 00:20:36,280

Eventually, the PsychoSemi comes to rest.

326

00:20:37,280 --> 00:20:38,280

Roll to a stop.

327

00:20:38,280 --> 00:20:41,280

The truck is rolled to a stop and we're fine.

328

00:20:41,280 --> 00:20:44,280

I pictured all of us getting sliced in half.

329

00:20:46,280 --> 00:20:47,280

Dude, what are we doing?

330

00:20:47,280 --> 00:20:49,280

We're going to crash two big trucks.

331

00:20:49,280 --> 00:20:50,280

It's beautiful.

332

00:20:50,280 --> 00:20:52,280

I had no idea what your plan was for stopping it.

333

00:20:52,280 --> 00:20:54,280

Yeah, there wasn't really a plan.

334

00:20:54,280 --> 00:20:59,280

It may not have looked it at home, but that's what the Mythbusters call a successful test.

335

00:20:59,280 --> 00:21:03,280

We just did a test pull of our truck to see if it would steer straight.

336

00:21:03,280 --> 00:21:05,280

And it did.

337

00:21:05,280 --> 00:21:06,280

It did beautifully.

338

00:21:06,280 --> 00:21:14,280

In fact, once it was off of its tow line, it actually started to veer way off direction.

339

00:21:14,280 --> 00:21:17,280

Luckily, it rolled to a stop behind me here in this field of grass.

340

00:21:17,280 --> 00:21:20,280

But man, the sound the cable was making was astonishing.

341

00:21:20,280 --> 00:21:23,280

She was like, whew whew whew whew whew.

342

00:21:23,280 --> 00:21:25,280

In this case, we saw what we wanted.

343

00:21:25,280 --> 00:21:33,280

We narrowly had a little bit of a disaster as far as automobiles getting crunched by a runaway semi-trailer truck.

344

00:21:33,280 --> 00:21:36,280

But, you know, details.

345

00:21:36,280 --> 00:21:38,280

After the break.

346

00:21:38,280 --> 00:21:39,280

All right, we're good to go.

347

00:21:39,280 --> 00:21:42,280

The Mythbusters gear up for a pile up.

348

00:21:44,280 --> 00:21:46,280

Twenty miles an hour.

349

00:21:46,280 --> 00:21:48,280

Don't you wish you were here?

350

00:21:48,280 --> 00:21:52,280

And Carrie cuts the cheese in another vodka mist.

351

00:21:56,280 --> 00:22:02,280

At an Alameda film set, the Mythbusters are planning a pile up.

352

00:22:02,280 --> 00:22:11,280

They're testing the myth that a compact car smashed between two trucks could be squashed so small that it becomes hidden in the wreckage.

353

00:22:11,280 --> 00:22:14,280

So there's heavy duty cable on either side of us.

354

00:22:14,280 --> 00:22:16,280

We've got semi-trucks, a small car.

355

00:22:16,280 --> 00:22:20,280

What was your plan for not having us all get killed during this collision?

356

00:22:20,280 --> 00:22:23,280

The plan is that we've got these trucks out at either end.

357

00:22:23,280 --> 00:22:25,280

They're being pulled by cables.

358

00:22:25,280 --> 00:22:28,280

The cables go through a pulley that's right underneath this little car.

359

00:22:28,280 --> 00:22:32,280

The tow trucks are pulling the cables out at right angles to this setup.

360

00:22:32,280 --> 00:22:37,280

And so if everything's done right, the trucks will meet right in the middle, right on top of the car.

361

00:22:39,280 --> 00:22:47,280

With failure more than an option, they decide on a test run to see if the tow trucks can stay neck and neck for the length of the 1,500 foot track.

362

00:22:48,280 --> 00:22:50,280

Alright, we're good to go.

363

00:22:50,280 --> 00:22:55,280

So start your engines for a high-speed synchronized tow truck test.

364

00:23:05,280 --> 00:23:07,280

Grant and Tori are the co-drivers.

365

00:23:08,280 --> 00:23:10,280

Twenty miles an hour.

366

00:23:10,280 --> 00:23:12,280

You're looking good, you're looking good.

367

00:23:12,280 --> 00:23:13,280

A little slower.

368

00:23:13,280 --> 00:23:14,280

A little slower.

369

00:23:15,280 --> 00:23:17,280

Thirty miles an hour.

370

00:23:20,280 --> 00:23:22,280

This is going to be so cool.

371

00:23:22,280 --> 00:23:24,280

Don't you wish you were here?

372

00:23:26,280 --> 00:23:28,280

Forty-five miles an hour.

373

00:23:28,280 --> 00:23:31,280

Going up, going up, going up, faster, faster, faster.

374

00:23:31,280 --> 00:23:35,280

This is one race where the aim is a photo finish.

375

00:23:44,280 --> 00:23:46,280

We almost made it up to 50 miles an hour.

376

00:23:48,280 --> 00:23:52,280

I don't see them rolling over end to end yet, they just made the turn.

377

00:23:52,280 --> 00:23:54,280

Just like clockwork.

378

00:23:54,280 --> 00:24:02,280

The trucks reached an acceptable 45 miles per hour, but they weren't quite neck and neck, which has Adam worried.

379

00:24:02,280 --> 00:24:11,280

We only have one shot at this crash, so if they don't tighten it up, it means that one truck's going to hit the car a millisecond or two before the other truck hits the car.

380

00:24:11,280 --> 00:24:13,280

There's just one finishing touch.

381

00:24:13,280 --> 00:24:15,280

Okay, okay, okay.

382

00:24:16,280 --> 00:24:19,280

Buster's crash test buddies take their hot seats.

383

00:24:19,280 --> 00:24:20,280

Should we put our seatbelt on?

384

00:24:20,280 --> 00:24:21,280

Yeah.

385

00:24:21,280 --> 00:24:25,280

They seem understandably reticent about the whole deal.

386

00:24:25,280 --> 00:24:27,280

Oh, my shoulder's stuck on the gear shift.

387

00:24:27,280 --> 00:24:28,280

Okay.

388

00:24:28,280 --> 00:24:29,280

Okay.

389

00:24:31,280 --> 00:24:32,280

Good.

390

00:24:32,280 --> 00:24:33,280

Okay, he's in.

391

00:24:34,280 --> 00:24:41,280

Two semi-trailers face each other across 3,000 feet of hot tarmac.

392

00:24:41,280 --> 00:24:45,280

On the tow road, the tow trucks rev their engines.

393

00:24:45,280 --> 00:24:50,280

In the middle of it all, the tiny compact prepares to meet its maker.

394

00:24:50,280 --> 00:24:53,280

Take your seats for the head on from hell.

395

00:24:55,280 --> 00:25:02,280

I am in the chase car about to follow one of these empty trucks of doom towards its final end.

396

00:25:02,280 --> 00:25:06,280

And I'm totally psyched.

397

00:25:06,280 --> 00:25:10,280

This is probably the best view to see this from.

398

00:25:10,280 --> 00:25:11,280

I can't wait.

399

00:25:11,280 --> 00:25:14,280

The anticipation is all too much for me.

400

00:25:14,280 --> 00:25:15,280

I need a drink.

401

00:25:24,280 --> 00:25:31,280

I got another vodka myth here, one that is very strange and I've never heard it before, but you can make vodka into mouthwash.

402

00:25:31,280 --> 00:25:42,280

All you need is about a cup of vodka, 9 tablespoons of cinnamon, you seal it up in an airtight container for 2 weeks and it's supposed to come out mouthwash.

403

00:25:42,280 --> 00:25:48,280

All you gotta do is strain out all of the cinnamon and you'll have fresh, clean breath.

404

00:25:48,280 --> 00:25:53,280

To test it out, Carrie needs a myth buster who needs help with halitosis.

405

00:25:53,280 --> 00:25:58,280

You might get mad at me, but Adam's got some rank breath sometimes.

406

00:25:58,280 --> 00:25:59,280

I don't know if he knows.

407

00:25:59,280 --> 00:26:00,280

Oh, he knows.

408

00:26:00,280 --> 00:26:04,280

Because Carrie told him during an outtake in a previous myth.

409

00:26:04,280 --> 00:26:05,280

No, I can't.

410

00:26:05,280 --> 00:26:08,280

But your breath is really bad.

411

00:26:08,280 --> 00:26:10,280

You look sorry.

412

00:26:15,280 --> 00:26:16,280

That's my breath, baby.

413

00:26:16,280 --> 00:26:20,280

So can a homemade high octane mouthwash do the trick?

414

00:26:20,280 --> 00:26:24,280

And this is the plastic bottle brand vodka.

415

00:26:24,280 --> 00:26:27,280

Oh, he's the finest for myth busters.

416

00:26:28,280 --> 00:26:34,280

One cup of gut rot, then the cinnamon to create a kind of mud slushy.

417

00:26:34,280 --> 00:26:38,280

So far this is not looking much like mouthwash.

418

00:26:38,280 --> 00:26:42,280

In fact, it looks like another experiment we've done with Adam.

419

00:26:45,280 --> 00:26:54,280

You let this sit for 2 weeks and then we'll filter it through a white coffee filter and then we should have some mouthwash.

420

00:26:54,280 --> 00:26:57,280

Okay, so try not to drink this for 2 weeks.

421

00:26:57,280 --> 00:26:59,280

It'll be hard to restrain myself.

422

00:26:59,280 --> 00:27:02,280

Man, that just looks so good.

423

00:27:04,280 --> 00:27:12,280

Right, it's been 2 weeks for my vodka mouthwash and all the cinnamon is totally solidified at the bottom of the flask.

424

00:27:12,280 --> 00:27:16,280

It's a nice brown liquid. I don't know if I'd use that for mouthwash, but it's time to filter it.

425

00:27:18,280 --> 00:27:20,280

Vodka mouthwash, commercial mouthwash.

426

00:27:20,280 --> 00:27:23,280

Now all I need is my subject with nasty breath.

427

00:27:23,280 --> 00:27:25,280

Who could I get?

428

00:27:27,280 --> 00:27:30,280

What is that horrible, horrible smell?

429

00:27:30,280 --> 00:27:35,280

To ensure Adam's breath is truly rank, Carrie's got a couple of treats in store.

430

00:27:35,280 --> 00:27:38,280

Is it even legal to sell cheese that looks like this?

431

00:27:38,280 --> 00:27:39,280

Oh!

432

00:27:44,280 --> 00:27:47,280

I have for you cigarettes.

433

00:27:48,280 --> 00:27:50,280

Thank you, garlic.

434

00:27:50,280 --> 00:27:52,280

Ooh, a burnt.

435

00:27:52,280 --> 00:27:54,280

And the piece de la résistance.

436

00:27:54,280 --> 00:27:56,280

Some sticky foot cheese.

437

00:28:11,280 --> 00:28:14,280

You know what, my eyes are watering being in the vicinity of these 3 items.

438

00:28:14,280 --> 00:28:17,280

I think I need an official tester.

439

00:28:17,280 --> 00:28:19,280

So while you continue chewing...

440

00:28:19,280 --> 00:28:23,280

Granting Mahara! I need your nose!

441

00:28:24,280 --> 00:28:26,280

Dead man walking.

442

00:28:28,280 --> 00:28:34,280

Up next, it's no giggle as Adam gargles with Mythbusters mouthwash.

443

00:28:34,280 --> 00:28:36,280

The birds.

444

00:28:36,280 --> 00:28:40,280

When one big rig bows out, it's crunch time at Alameda.

445

00:28:40,280 --> 00:28:42,280

Oh no!

446

00:28:44,280 --> 00:28:49,280

Vodka's odorless, but can you mix it with cinnamon to take away bad breath?

447

00:28:49,280 --> 00:28:56,280

To test the myth, Adam has poisoned his palate with runny cheese, fresh garlic and cigarettes.

448

00:28:56,280 --> 00:28:58,280

Grant has drawn the short straw.

449

00:28:58,280 --> 00:29:02,280

And I'm going to need you to smell it before and after.

450

00:29:02,280 --> 00:29:08,280

Go away, cleanse your nose, and then come do the second test for the second mouthwash.

451

00:29:08,280 --> 00:29:10,280

Are you ready for the challenge?

452

00:29:10,280 --> 00:29:12,280

I'm ready.

453

00:29:12,280 --> 00:29:14,280

First, the before test.

454

00:29:16,280 --> 00:29:22,280

Not that bad. Definitely the worst breath I've ever smelled, but if I were to give it a breath scale,

455

00:29:22,280 --> 00:29:24,280

it wasn't actually that unpleasant.

456

00:29:24,280 --> 00:29:26,280

Maybe a 7.

457

00:29:26,280 --> 00:29:28,280

7. I'll call that a 7.

458

00:29:28,280 --> 00:29:31,280

To give you a yardstick, a camel scores 6.

459

00:29:31,280 --> 00:29:35,280

So can the Mythbusters mouthwash freshen up the breath of death?

460

00:29:35,280 --> 00:29:38,280

Okay, first we're going to administer the vodka mouthwash.

461

00:29:39,280 --> 00:29:41,280

Don't forget the goggle.

462

00:29:44,280 --> 00:29:46,280

That burns.

463

00:29:46,280 --> 00:29:49,280

It's killing all the bad breath odor.

464

00:29:49,280 --> 00:29:51,280

It's killing something.

465

00:29:51,280 --> 00:29:53,280

How do they look?

466

00:29:53,280 --> 00:29:54,280

Okay, you ready?

467

00:29:54,280 --> 00:29:57,280

Okay, Grant, brace yourself.

468

00:30:02,280 --> 00:30:04,280

Yeah, cinnamony, actually.

469

00:30:04,280 --> 00:30:07,280

Kind of like, you know, cinnamon toast.

470

00:30:07,280 --> 00:30:09,280

Actually quite pleasant.

471

00:30:09,280 --> 00:30:11,280

Give us another...

472

00:30:11,280 --> 00:30:13,280

Ooh, you know.

473

00:30:13,280 --> 00:30:19,280

I did sense a little something on the finish there.

474

00:30:19,280 --> 00:30:24,280

Grant the nose in Mahara is becoming quite the connoisseur.

475

00:30:24,280 --> 00:30:28,280

Coming out initially, very nice, you know, maybe a 1, really.

476

00:30:28,280 --> 00:30:33,280

But the finish was definitely a little smoky.

477

00:30:33,280 --> 00:30:35,280

So that's going to make it like a 3.

478

00:30:35,280 --> 00:30:37,280

7 to 3, that's definitely an improvement.

479

00:30:37,280 --> 00:30:41,280

Oh, absolutely, from liquid death to cinnamon toast.

480

00:30:41,280 --> 00:30:47,280

Okay, let's go ahead and back room while we bring out the cheese again, and I'll reload.

481

00:30:47,280 --> 00:30:49,280

Garlic reloading.

482

00:30:53,280 --> 00:30:55,280

Stinky foot cheese reloading.

483

00:30:59,280 --> 00:31:00,280

Can I go home?

484

00:31:00,280 --> 00:31:07,280

When Adam's smelling like a French farmer's moldy sock, the nose returns for test number two.

485

00:31:07,280 --> 00:31:11,280

Paging Dr. in Mahara to the white courtesy telephone.

486

00:31:11,280 --> 00:31:12,280

Okay, you ready?

487

00:31:12,280 --> 00:31:14,280

Okay, hit me.

488

00:31:17,280 --> 00:31:18,280

Yeah, same as before.

489

00:31:18,280 --> 00:31:20,280

It's about a 7, yeah.

490

00:31:20,280 --> 00:31:23,280

So it's a level playing field.

491

00:31:23,280 --> 00:31:27,280

Now, can the commercial mouthwash outscore the vodka?

492

00:31:28,280 --> 00:31:31,280

That burns too, just a little bit.

493

00:31:36,280 --> 00:31:40,280

You know, interestingly enough, I get the same cigarette finish on this.

494

00:31:40,280 --> 00:31:43,280

You just can't wipe away the cigarette stink.

495

00:31:43,280 --> 00:31:47,280

But other than that, you know, same pleasant mouth sweetening ability.

496

00:31:47,280 --> 00:31:50,280

So it's about a 3, it's about the same as the vodka mouthwash.

497

00:31:50,280 --> 00:31:51,280

Yeah, it's about the same.

498

00:31:51,280 --> 00:31:55,280

I'd have to say that that's myth confirmed. It actually worked.

499

00:31:55,280 --> 00:31:57,280

All right, good. Can I go now?

500

00:31:57,280 --> 00:31:58,280

Yes.

501

00:32:06,280 --> 00:32:08,280

Back at Alameda, it's showtime.

502

00:32:08,280 --> 00:32:13,280

The mythbusters are all set to pancake a compact between two semi-trailers.

503

00:32:13,280 --> 00:32:18,280

Two tow trucks will pull the semis, but can they stay neck and neck?

504

00:32:18,280 --> 00:32:23,280

And will the semis fuse together and crush the compact between them?

505

00:32:23,280 --> 00:32:24,280

Okay, ready?

506

00:32:26,280 --> 00:32:27,280

Go.

507

00:32:28,280 --> 00:32:30,280

There's no burning rubber in this start.

508

00:32:30,280 --> 00:32:37,280

With almost 80,000 pounds of truck under tow, the power must be squeezed on slowly.

509

00:32:38,280 --> 00:32:40,280

We're at 10 miles an hour.

510

00:32:46,280 --> 00:32:50,280

As the pace increases, friction overheats the pulleys.

511

00:32:52,280 --> 00:32:54,280

35 miles an hour.

512

00:32:56,280 --> 00:32:59,280

Then one tow truck falls behind.

513

00:32:59,280 --> 00:33:03,280

It must make up ground or be late for impact.

514

00:33:03,280 --> 00:33:05,280

You guys, you just pick up.

515

00:33:09,280 --> 00:33:11,280

800 feet and closing.

516

00:33:15,280 --> 00:33:17,280

Then disaster.

517

00:33:19,280 --> 00:33:22,280

The second truck is out of control, I believe, over.

518

00:33:22,280 --> 00:33:24,280

Oh, shoot. Oh, no.

519

00:33:25,280 --> 00:33:26,280

Oh, no.

520

00:33:33,280 --> 00:33:36,280

The other truck hurdles on unstoppable.

521

00:33:38,280 --> 00:33:39,280

There goes the car.

522

00:33:56,280 --> 00:33:59,280

Well, at least it worked kind of like a good break.

523

00:34:01,280 --> 00:34:02,280

Look at that.

524

00:34:02,280 --> 00:34:03,280

Whoa.

525

00:34:05,280 --> 00:34:07,280

It bent the rod.

526

00:34:08,280 --> 00:34:10,280

Oh, that's smoking.

527

00:34:10,280 --> 00:34:12,280

I don't know, this is going to be tough to fix and reset.

528

00:34:12,280 --> 00:34:14,280

It's already half pulled out of the ground.

529

00:34:14,280 --> 00:34:15,280

Wow.

530

00:34:15,280 --> 00:34:19,280

We dragged our cable all the way there, so our breakaway rope didn't fail.

531

00:34:20,280 --> 00:34:22,280

Well, something did.

532

00:34:22,280 --> 00:34:26,280

The question is what and can it be fixed for another bite at the cherry?

533

00:34:26,280 --> 00:34:28,280

The car is still more or less intact.

534

00:34:28,280 --> 00:34:31,280

Well, the back end is pretty crushed in, but yeah.

535

00:34:31,280 --> 00:34:35,280

Intact must be myth busties for total right off.

536

00:34:35,280 --> 00:34:39,280

And in plain English, the truck's steering rack is screwed.

537

00:34:39,280 --> 00:34:42,280

But Adam's thinking that all is not lost.

538

00:34:42,280 --> 00:34:44,280

We'll have to remake the guide bar.

539

00:34:46,280 --> 00:34:47,280

However, we have to do it.

540

00:34:47,280 --> 00:34:52,280

Though badly damaged, the compact is more of an omelet than a pancake.

541

00:34:52,280 --> 00:34:55,280

And it's in good enough shape for another smash.

542

00:34:55,280 --> 00:34:56,280

Just.

543

00:35:00,280 --> 00:35:03,280

So, how about the second truck?

544

00:35:04,280 --> 00:35:07,280

The tow cable is sheared just five feet from its end.

545

00:35:09,280 --> 00:35:12,280

It's 20,000-some-odd-pound test cable.

546

00:35:12,280 --> 00:35:16,280

I think the jerking as we were trying to catch up to the other guy.

547

00:35:16,280 --> 00:35:17,280

A higher load.

548

00:35:17,280 --> 00:35:22,280

What could have happened with the jerking is that this truck could have accelerated too fast

549

00:35:22,280 --> 00:35:24,280

and rolled over its own cable.

550

00:35:26,280 --> 00:35:31,280

Now, it's all hands on deck to get everything ship-shaped for one more shot at the compact.

551

00:35:37,280 --> 00:35:39,280

Some delicate fine-tuning.

552

00:35:39,280 --> 00:35:40,280

Fine-tuning.

553

00:35:46,280 --> 00:35:50,280

They calculate that to get a second shot, they must reset in under two hours.

554

00:35:54,280 --> 00:35:55,280

We're good here.

555

00:35:55,280 --> 00:35:56,280

Sweet.

556

00:36:00,280 --> 00:36:02,280

Jamie, we're tight in on this cable. Over.

557

00:36:02,280 --> 00:36:03,280

Over.

558

00:36:08,280 --> 00:36:10,280

All righty then.

559

00:36:10,280 --> 00:36:12,280

Now we just have to go to the tow truck.

560

00:36:15,280 --> 00:36:19,280

We get the amazing strength of Jamie Heineman.

561

00:36:21,280 --> 00:36:23,280

And 90 minutes later.

562

00:36:23,280 --> 00:36:25,280

Yeah, here we are again.

563

00:36:25,280 --> 00:36:28,280

I hope you enjoyed that little sequence of failure.

564

00:36:28,280 --> 00:36:30,280

Because we're about to try it again.

565

00:36:30,280 --> 00:36:32,280

So, we got one more shot.

566

00:36:34,280 --> 00:36:40,280

You guys do what you have to do to stay together and to do it as smoothly as possible without

jerking.

567

00:36:40,280 --> 00:36:42,280

Because that's what kind of got us.

568

00:36:42,280 --> 00:36:45,280

There's an abort situation.

569

00:36:45,280 --> 00:36:48,280

Are you going to call it out on the radio or are we just going to...

570

00:36:48,280 --> 00:36:49,280

There is no abort.

571

00:36:49,280 --> 00:36:50,280

Okay.

572

00:36:50,280 --> 00:36:52,280

Once you guys go, you just go.

573

00:36:52,280 --> 00:36:55,280

You did the right thing the last time. You just keep going.

574

00:36:55,280 --> 00:36:56,280

Two.

575

00:36:56,280 --> 00:36:58,280

Coming up on This Busters.

576

00:36:58,280 --> 00:36:59,280

Let's go.

577

00:36:59,280 --> 00:37:01,280

Get a load of this.

578

00:37:08,280 --> 00:37:11,280

Take a small European car and two semi trailers.

579

00:37:11,280 --> 00:37:16,280

Add five Mythbusters and you should get one heck of a crash.

580

00:37:16,280 --> 00:37:19,280

But will you get a compact compact?

581

00:37:19,280 --> 00:37:21,280

The tow trucks are on the grid.

582

00:37:21,280 --> 00:37:24,280

All right, radio check, Grant.

583

00:37:24,280 --> 00:37:27,280

And stand by and Grant's ready.

584

00:37:27,280 --> 00:37:30,280

The countdown starts now.

585

00:37:30,280 --> 00:37:35,280

Three, two, one, go.

586

00:37:37,280 --> 00:37:40,280

Both semis pull away slow and smooth.

587

00:37:44,280 --> 00:37:45,280

Okay.

588

00:37:45,280 --> 00:37:47,280

You looking good? You looking good?

589

00:37:47,280 --> 00:37:50,280

The tow trucks jockey to stay neck and neck.

590

00:37:50,280 --> 00:37:52,280

Look at the lower.

591

00:37:56,280 --> 00:37:58,280

Looking better.

592

00:37:58,280 --> 00:38:00,280

Looking better this time.

593

00:38:03,280 --> 00:38:09,280

Almost 80,000 pounds of truck clothes at a combined speed of 70 miles per hour.

594

00:38:09,280 --> 00:38:12,280

Is this Bye Bye Buster?

595

00:38:12,280 --> 00:38:14,280

Oh my God.

596

00:38:14,280 --> 00:38:16,280

It's going to work.

597

00:38:21,280 --> 00:38:23,280

Oh my God.

598

00:38:26,280 --> 00:38:28,280

Oh my God.

599

00:38:28,280 --> 00:38:30,280

Oh my God.

600

00:38:30,280 --> 00:38:33,280

That was so cool.

601

00:38:33,280 --> 00:38:40,280

Well, it wasn't quite right, but I don't think we can reset.

602

00:38:40,280 --> 00:38:44,280

It's one almighty smash, but no pancake.

603

00:38:44,280 --> 00:38:49,280

The compact got spat out sideways.

604

00:38:49,280 --> 00:38:51,280

Oh my God.

605

00:38:51,280 --> 00:38:55,280

Oh, I'm a little sad because it didn't work perfectly.

606

00:38:55,280 --> 00:38:58,280

It looks like we're going to have to revisit this one.

607

00:38:58,280 --> 00:39:01,280

But wow.

608

00:39:01,280 --> 00:39:03,280

I want to see this pulley.

609

00:39:03,280 --> 00:39:08,280

The biggest ever smash on Mythbusters, and he wants to see the pulley.

610

00:39:08,280 --> 00:39:11,280

That was some serious friction.

611

00:39:11,280 --> 00:39:14,280

He's like, I've had enough. I'm getting out.

612

00:39:20,280 --> 00:39:24,280

Oh my God. That was crazy.

613

00:39:24,280 --> 00:39:26,280

That was ridiculous.

614

00:39:26,280 --> 00:39:29,280

No, you got to get the close up view.

615

00:39:29,280 --> 00:39:31,280

Oh my God.

616

00:39:31,280 --> 00:39:33,280

Oh my God.

617

00:39:33,280 --> 00:39:35,280

That was ridiculous.

618

00:39:35,280 --> 00:39:37,280

No, you got to get the close up view.

619

00:39:37,280 --> 00:39:41,280

What are you guys yelling about? They're not fused.

620

00:39:41,280 --> 00:39:43,280

I don't see any fused together.

621

00:39:43,280 --> 00:39:46,280

That is a beautiful thing.

622

00:39:46,280 --> 00:39:48,280

That was crazy.

623

00:39:48,280 --> 00:39:50,280

Did you really think you were going to confirm the myth?

624

00:39:50,280 --> 00:39:52,280

We actually answered a lot of questions about it.

625

00:39:52,280 --> 00:39:54,280

I mean, look at them. They're not fused together.

626

00:39:54,280 --> 00:39:56,280

They're not welded together. They're not inseparable.

627

00:39:56,280 --> 00:39:58,280

They're easy to pull apart.

628

00:39:58,280 --> 00:40:02,280

And I don't care how fast they were going or how hard they would have hit this thing.

629

00:40:02,280 --> 00:40:05,280

There's not a lot of disappeared between these two engines.

630

00:40:05,280 --> 00:40:07,280

Yeah, this is just like a lot of shrapnel.

631

00:40:07,280 --> 00:40:12,280

There's no solid chunk of fused together impact of any sort.

632

00:40:12,280 --> 00:40:16,280

And the heart of this myth really is whether they could be welded together.

633

00:40:16,280 --> 00:40:19,280

Because the carb is irrelevant.

634

00:40:19,280 --> 00:40:22,280

If these cannot weld together from the force and the heat,

635

00:40:22,280 --> 00:40:23,280

it's just not going to happen.

636

00:40:23,280 --> 00:40:25,280

Which we knew already, but it was fine.

637

00:40:25,280 --> 00:40:29,280

Nothing like a bit of wanton annihilation to brighten up the day.

638

00:40:33,280 --> 00:40:36,280

Let's check on the carnage.

639

00:40:36,280 --> 00:40:39,280

I think we're going to need the jaws of life.

640

00:40:39,280 --> 00:40:44,280

All three crash test dummies have certainly earned their corn.

641

00:40:44,280 --> 00:40:47,280

Okay, we lost a calf there.

642

00:40:47,280 --> 00:40:51,280

Yeah, busters all screwed up.

643

00:40:51,280 --> 00:40:54,280

For Buster, it's just another day at the office.

644

00:40:54,280 --> 00:40:57,280

Broke his bones, didn't he?

645

00:40:58,280 --> 00:41:01,280

That's a little fixing that needs to be done.

646

00:41:01,280 --> 00:41:05,280

Busters busted again, but what about the myth?

647

00:41:05,280 --> 00:41:07,280

It didn't exactly go 100% as I would have hoped,

648

00:41:07,280 --> 00:41:09,280

but I think a lot of questions were answered

649

00:41:09,280 --> 00:41:11,280

and there's some interesting results.

650

00:41:11,280 --> 00:41:15,280

Our compact car, the front wheel and the rear wheel of this car

651

00:41:15,280 --> 00:41:17,280

are almost touching.

652

00:41:17,280 --> 00:41:19,280

I mean, it's pretty compact.

653

00:41:19,280 --> 00:41:22,280

It's been made into a pretty small package.

654

00:41:22,280 --> 00:41:24,280

I still don't think that you'd lose this

655

00:41:24,280 --> 00:41:26,280

between these two trucks,

656

00:41:26,280 --> 00:41:30,280

but it does go to show that even at like 35 miles per hour,

657

00:41:30,280 --> 00:41:32,280

how much force we're actually dealing with.

658

00:41:36,280 --> 00:41:38,280

We had a successful run.

659

00:41:38,280 --> 00:41:40,280

I think the test is valid.

660

00:41:40,280 --> 00:41:43,280

It could have been a little bit more square on.

661

00:41:43,280 --> 00:41:45,280

It could have been a little faster,

662

00:41:45,280 --> 00:41:50,280

but I pretty much think that what we saw happen

663

00:41:50,280 --> 00:41:53,280

would be what would happen to the car.

664

00:41:53,280 --> 00:41:56,280

What would happen in any circumstance like this

665

00:41:56,280 --> 00:41:58,280

at any speed on any highway.

666

00:42:08,280 --> 00:42:11,280

So myth, busted, confirmed or plausible?

667

00:42:11,280 --> 00:42:12,280

What are you voting?

668

00:42:12,280 --> 00:42:14,280

Just like the trucks.

669

00:42:14,280 --> 00:42:16,280

It's busted.

670

00:42:16,280 --> 00:42:18,280

Boy, is it busted.

671

00:42:24,280 --> 00:42:26,280

Nice toggles.

672

00:42:26,280 --> 00:42:28,280

I'm saving those.

673

00:42:28,280 --> 00:42:30,280

Dude, you're salvaging in the middle of the...

674

00:42:30,280 --> 00:42:32,280

Of a rescue operation.

675

00:42:32,280 --> 00:42:35,280

Why else do you think I got into this line of work?

676

00:42:47,280 --> 00:42:48,280

Any survivors?

677

00:42:48,280 --> 00:42:50,280

Yeah, he's missing a leg, but he's good.

678

00:42:50,280 --> 00:42:52,280

Just throw a tourniquet on that.

679

00:42:52,280 --> 00:42:54,280

It'll be fine.