



STUDY: CARS, CHILD SEATS NOT COMPATIBLE 42% OF TIME

Researchers test 3,600 combinations, find seat angles, headrests cause improper fit

The Ohio State University Wexner Medical Center / Ohio State College of Medicine

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SUGGESTED TEASE	<p>STILL TO COME, MOST PARENTS PROBABLY TAKE FOR GRANTED THAT CARS AND CAR SEATS ARE BUILT TO BE COMPATIBLE.</p> <p>BUT A NEW STUDY SHOWS THAT'S NOT ALWAYS THE CASE. THE SURPRISING FINDINGS, NEXT IN HEALTH NEWS.</p>
ANCHOR LEAD	<p>IF YOU'RE THE PARENT OF A BABY OR SMALL CHILD, YOU PROBABLY SPENT A LOT OF TIME SEARCHING FOR THE RIGHT CAR SEAT THAT FITS YOUR CHILD BEST.</p> <p>BUT HERE'S SOMETHING YOU MAY NOT HAVE CONSIDERED - HOW WELL DOES YOUR CAR SEAT... FIT YOUR CAR?</p> <p>A NEW STUDY IS SET TO COME OUT THAT SHOWS CARS AND CAR SEATS DON'T ALWAYS ALIGN WELL, AND IT COULD BE PUTTING SOME CHILDREN AT RISK.</p> <p>WITH DETAILS, HERE'S CLARK POWELL.</p>
	(Nats - Putting in car seat) :02
<p>CG: Courtesy: The Ohio State University Wexner Medical Center</p> <p>Shots of Megan using child seat</p>	<p>MEGAN MURPHY SAYS SHE DIDN'T WANT TO SKIMP ON SAFETY, SO WHEN HER FIRST SON WAS BORN, SHE BOUGHT A HIGHLY RATED, HIGHER-PRICED CAR SEAT - ONLY TO FIND OUT ONCE SHE GOT IT HOME, SHE HAD TO USE A POOL NOODLE TO MAKE IT FIT RIGHT AND STAY LEVEL. :12</p>
<p>CG: Megan Murphy</p> <p>Bought car seat that didn't fit right</p>	<p>"I couldn't believe that the car seat that we had purchased wouldn't work in our car. I thought we had a standard car that pretty much any car seat would work." :07 / :19</p>
<p>Shots of Julie measuring in lab Graphic - angle, width, headrest</p> <p>Shot wide angle 7-D - blur for graphic</p> <p>Compatibility Study -59 Car seats -61 Vehicles 3,600 combinations</p>	<p>THAT'S NOT UNCOMMON. IN A SOON-TO-BE-RELEASED STUDY FROM THE OHIO STATE UNIVERSITY COLLEGE OF MEDICINE, RESEARCHERS MEASURED THINGS LIKE THE ANGLE OF BACK SEATS, THEIR WIDTH AND THE ROLE HEADRESTS PLAY.</p> <p>IN AN EXTENSIVE COMPATIBILITY STUDY, THEY TESTED 59 CAR SEATS, IN 61 VEHICLES, FOR A TOTAL OF NEARLY 3,600 DIFFERENT COMBINATIONS.</p>

Unblur shot as it continues	THE RESULTS WERE SURPRISING. :21 / :40
Cover with video	“Not every child seat fits every vehicle.” :02 / :42
CG: Julie Bing Ohio State College of Medicine	“Roughly 40 percent of the time they would not be compatible, and we broke that down farther to understand that roughly about 35 percent of the time you would need that pool noodle or that towel to kind of tip it back to where it belongs.” :12 / :54
Shots of Julie placing car seat in van Shots of Julie inside van adjusting car seat Shot of Julie with tape measure in van Shots of hand with tape measure	JULIE BING IS THE RESEARCH ENGINEER WHO LED THE STUDY. SHE INSISTS THAT CAR SEATS ARE SAFE AND ALL OF THEM HAVE TO MEET FEDERAL STANDARDS BEFORE THEY HIT STORE SHELVES. HOW THEY FIT IN YOUR CAR, HOWEVER, IS ANOTHER STORY. AND IMPROPER ALIGNMENT COULD CREATE RISKS. BING SAYS BEFORE YOU GO SHOPPING, MEASURE YOUR BACK SEAT SO YOU CAN COMPARE THE DIMENSIONS WITH DIFFERENT BRANDS OF CAR SEATS. AND BEFORE YOU BUY IT, TRY IT. :22 / 1:17
Julie Bing (CG'd earlier)	“It might look great on the shelf and have all these great safety ratings but if it doesn't fit in your vehicle then it may not be the best option for you. So, we really recommend that parents see if they can try it in their vehicle before they purchase it.” :11 / 1:27
Shots of mom using pool noodle Shot of mom adjusting car seat	OTHERWISE, IT MAY BE UP TO YOU TO FIND WAYS TO MAKE IT LEVEL WHILE MAKING SURE IT'S STILL SAFE. AT OHIO STATE'S WEXNER MEDICAL CENTER, THIS IS CLARK POWELL REPORTING. :08 / 1:35
ANCHOR TAG	RESEARCHERS ALSO FOUND HEAD RESTS OFTEN INTERFERED WITH THE FIT OF FORWARD-FACING CAR SEATS. BEFORE YOU BUY THOSE, THEY SUGGEST MEASURING THE HEIGHT OF THE HEADREST IN YOUR BACK SEAT AND SEE IF YOU CAN ADJUST IT OR REMOVE IT TO MAKE THE CAR SEAT FIT BETTER. THE STUDY WILL PUBLISH IN OCTOBER IN THE JOURNAL <i>TRAFFIC INJURY PREVENTION</i> .
 Share it! Suggested tweet:	Study by researchers @OSUWexMed finds many cars and car seats are not very compatible. Details: bit.ly/1Lyif6N
 Suggested post:	Most new parents spend a lot of time looking for the safest car seat that fits their budget and their baby the best. But do you know how well your car seat fits your <i>car</i> ? In a soon-to-be-released study by The Ohio State University College of Medicine , researchers tested nearly 3,600 different combinations of car seats and vehicles and found a surprising number have compatibility issues. Click here to learn more: bit.ly/1Jf7fHr

<p>References -</p>	<p>¹<i>Investigation of Child Restraint System (CRS) Compatibility in the Vehicle Seat Environment, Traffic Injury Prevention</i>, Oct. 2015. Online: http://www.tandfonline.com/toc/gcpi20/current#.VdNPOJNVhBc</p>
	<p style="text-align: center;">Extra Bites</p>
<p>CG: Julie Bing Ohio State College of Medicine</p>	<p><i>Bing talks about the purpose of the study -</i> “Misuse of child restraints is very common, and we’re wondering how common, and we’re wondering how much of this misuse is due to the seat just not fitting into the vehicle properly. :09</p> <p><i>Bing talks about the issues with rear-facing car seats -</i> “The angle that a rear-facing child restraint is manufactured to sit at, doesn’t always match up with the seat pan angle of the vehicle. So, that recline angle is very important because a newborn baby for example, needs to be reclined far enough to keep its head upright. If the baby sits upright too far, the head can fall forward and cause breathing problems. :20</p> <p><i>Bing talks about issues with forward-facing car seats -</i> “We also found that there was a lot of interaction with forward-facing child restraints, with the head restraints of vehicles. So, you might have that head restraint that’s in the way of the child seat and you can’t get it flush against the back of the seat.” :12</p> <p><i>Bing talks about the importance of consistent compatibility -</i> “The safest child restraint is the one that you can use correctly every single time so by choosing one that fits your vehicle you can really increase your odds of using it correctly and really optimize the safety of it.” :11</p>
<p>CG: Megan Murphy Bought car seat that didn’t fit right</p>	<p><i>Murphy talks about researching the right car seat for her son -</i> “We did a lot of research, found a good deal, ordered it online. It sat in our basement, didn’t find out until the day we went to install it that it wasn’t going to fit in our car the way we thought it would.” :10</p> <p><i>Murphy talks about the adjustments she had to make -</i> “We ended up installing the first one and realizing that we needed to use noodles or a beach towel and the recommendation we got was the noodle. I have to say I never felt a hundred percent secure, because it moved a little bit more.” :11</p> <p><i>Murphy talks about the most surprising aspect of buying a car seat -</i> “You just assume that any car seat is going to work in any car and, you know, we certainly found out multiple car seats later that we almost had to try the car out on the car seat and vice versa to make sure that it was going to work.” :12</p>
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