

Guide to Safe Sleep for Your Infant

What are safe sleep practices for my baby?

- Always place your baby to sleep on his or her back. *(Some parents worry that this position is a choking risk for their baby. This is not true. However, it is fine to turn your baby's head to one side if you like. Alternate the side your baby's head is turned. We do not recommend propping baby on his or her side.)*
- Dress your baby lightly for sleep. Sleep clothing, such as sleepers, sleep sacks, and wearable blankets are better options than blankets.
- Set the room temperature in a range that is comfortable for a lightly clothed adult.
- Avoid letting your baby get too hot. Signs of this are sweating, damp hair, flushed cheeks, heat rash and rapid breathing.

What is a safe sleep environment for my baby?

The American Academy of Pediatrics (AAP) recommends against having your baby sleep in your bed. To help reduce the risk of suffocation and sudden infant death syndrome (SIDS):

- Never fall asleep with your baby on a sofa, recliner or chair as your baby may fall or get trapped between cushions.
- The safest place for your baby to sleep is in the room where you sleep.
- Place the baby's crib or bassinet within arm's reach of your bed for easier breastfeeding.
- Use a crib or bassinet with a firm mattress and a well-fitting sheet.
- Cribs and bassinets should be certified for safety by the Juvenile Products Manufacturers Association (JPMA).
- Place the crib or bassinet in an area that is always smoke-free.
- Don't place your baby to sleep on adult beds, chairs, sofas, waterbeds or cushions.
- No fluffy blankets, comforters, pillows, stuffed animals, bumpers or wedges in the crib.

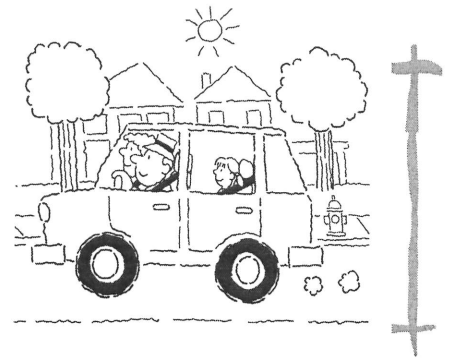
What about bed-sharing?

Only bring your baby into your bed to feed or comfort. Place your baby back in his or her own sleep space when you are ready to go to sleep. If there is any possibility that you might fall asleep, make sure there are no pillows, sheets, blankets or any other items that could cover your baby's face, head, and neck, or overheat your baby. As soon as you wake up, be sure to move the baby to his or her own bed.

For more information please go to:

<https://www.healthychildren.org/English/ages-stages/baby/sleep/Pages/A-Parents-Guide-to-Safe-Sleep.aspx>

Car Safety Seats 2016 Guide



One of the most important jobs you have as a parent is keeping your child safe when riding in a vehicle. Each year, thousands of young children are killed or injured in car crashes. Proper use of car safety seats helps keep children safe. But with so many different seats on the market, many parents find this overwhelming.

The type of seat your child needs depends on several things, including your child's age and size and the type of vehicle you have. Read on for more information from the American Academy of Pediatrics (AAP) about choosing the most appropriate car safety seat for your child. See "Car Safety Seats 2016 List" for a list of seats and manufacturer Web sites.

Note: The "Types of car safety seats at a glance" chart is a quick guide on where to start your search. It's important to continue your research to learn about each seat you use.

Installation information—seat belts and LATCH

Car safety seats may be installed with either the vehicle's seat belt or LATCH (lower anchors and tethers for children) system. LATCH is an attachment system for car safety seats. Lower anchors can be used instead of the seat belt to install the seat, and many parents find them easier to use in some cars. The top tether improves safety provided by the seat and is important to use for all forward-facing seats, even those installed using the vehicle seat belt. These systems are equally safe, but in some cases it may be easier to install the car safety seat using one or the other.

Vehicles with the LATCH system have lower anchors located in the back seat, where the seat cushions meet. Tether anchors are located behind the seat, either on the panel behind the seat (in sedans) or back of the seat,

ceiling, or floor (in most minivans, SUVs, and hatchbacks). All car safety seats have attachments that fasten to these anchors. Nearly all passenger vehicles and all car safety seats made on or after September 1, 2002, are equipped to use LATCH.

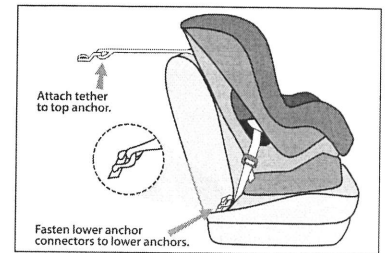


Figure 1. Car safety seat with LATCH.

All lower anchors are rated for a maximum weight of 65 pounds (total weight includes car safety seat and child). Parents should check the car safety seat manufacturer's recommendations for maximum weight a child can be to use lower anchors. New car safety seats have the maximum weight printed on their label.

Seat belts—If you install a car safety seat using your vehicle's seat belt, you must make sure the seat belt locks to help get a tight fit. In most newer cars, you can lock the seat belt by pulling it all the way out and then allowing it to retract to keep the seat belt tight around the car safety seat. Additionally, many car safety seats have built-in lock-offs to lock the belt without having to lock the seatbelt as well. Refer to the vehicle owner's manual for details about how your seat belt locks.

The safest place to ride for all children younger than 13 years is the back seat. If possible, it may be best to ride in the middle of the back seat. However, it is sometimes difficult to install a car safety seat tightly in the middle if the vehicle seat is narrow or uneven. Also, most vehicles do not have lower anchors for the middle seating position. It is safest to put the car

Types of car safety seats at a glance

Age Group	Type of Seat	General Guidelines
Infants and toddlers	Rear-facing—only Rear-facing convertible	All infants and toddlers should ride in a rear-facing seat until they are at least 2 years of age or reach the highest weight or height allowed by their car safety seat manufacturer.
Toddlers and preschoolers	Convertible Forward-facing with harness	Children who have outgrown the rear-facing weight or height limit for their convertible seat should use a forward-facing seat with a harness for as long as possible, up to the highest weight or height allowed by their car safety seat manufacturer.
School-aged children	Booster seats	All children whose weight or height exceeds the forward-facing limit for their car safety seat should use a belt-positioning booster seat until the vehicle seat belt fits properly, typically when they have reached 4 feet 9 inches in height and are 8 through 12 years of age. All children younger than 13 should ride in the back seat.
Older children	Seat belts	When children are old enough and large enough for the vehicle seat belt to fit them correctly, they should always use lap and shoulder seat belts for the best protection. All children younger than 13 years should ride in the back seat.

safety seat in a position where you can install it tightly with either the lower anchor system or seat belt; in some cases, this may be on either side of the back seat rather than the middle. A child passenger safety technician (CPST) can help you decide which place is best to install your child's car safety seat in your vehicle.

Infants and toddlers—rear-facing seats

The AAP recommends that all infants ride rear facing starting with their first ride home from the hospital. All infants and toddlers should ride in a rear-facing seat until they are at least 2 years of age or, preferably, until they reach the highest weight or height allowed by their car safety seat manufacturer.

Types of rear-facing seats

Three types of rear-facing seats are available: rear-facing-only, convertible, and 3-in-1.

When children reach the highest weight or length allowed by the manufacturer of their rear-facing-only seat, they should continue to ride rear facing in a convertible or 3-in-1 seat.

1. Rear-facing-only seats

- Are used for infants up to 22 to 45 pounds, depending on the model.
- Are small, have carrying handles, and sometimes come as part of a stroller system.
- Usually come with a base that can be left in the car. The seat clicks into and out of the base so you don't have to install it each time you use it. Parents can buy more than one base for additional vehicles.
- Should be used only for travel (not sleeping, feeding, or any other use outside the vehicle).



Figure 2. Rear-facing-only car safety seat.

2. Convertible seats (used rear facing)

- Can be used rear facing and, later, "converted" to forward-facing for older children when they outgrow the weight limit, the length limit, or both for rear facing. This means the seat can be used longer by your child. They are bulkier than infant seats, however, and do not come with carrying handles or separate bases.
- Many have higher limits in rear-facing weight (up to 40–50 pounds) and height than rear-facing-only seats, which make them ideal for bigger babies and toddlers.
- Have a 5-point harness that attaches at the shoulders, at the hips, and between the legs.
- Should be used only for travel (not sleeping, feeding, or any other use outside the vehicle).

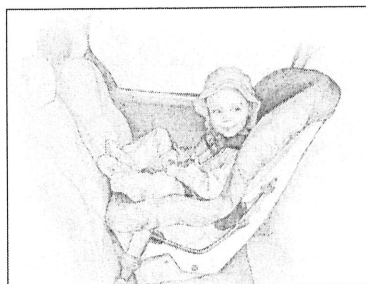


Figure 3. Convertible car safety seat used rear facing.

3. 3-in-1 seats (used rear facing)

- Can be used rear facing, forward facing, or as a belt-positioning booster. This means the seat may be used longer by your child as your child grows.
- Are often bigger in size, so it is important to check that they fit in the vehicle while rear facing.
- Do not have the convenience of a carrying handle or separate base; however, they may have higher limits in rear-facing weight (up to 40–50 pounds) and height than rear-facing-only seats, which make them ideal for bigger babies and toddlers.

Installation tips for rear-facing seats

Always read the vehicle owner's manual and the car safety seat manual before installing the seat.

When using a rear-facing seat, keep the following tips in mind:

- Place the harnesses in your rear-facing seat in slots that are at or below your baby's shoulders.
- Ensure that the harness is snug (you cannot pinch any slack between your fingers when testing the harness straps over the baby's shoulders) and that the retainer clip is placed at the center of the chest, level to your child's armpits.
- Make sure the car safety seat is installed tightly in the vehicle with either LATCH or a locked seatbelt. If you can move the seat at the belt path more than an inch side to side or front to back, it's not tight enough.
- Never place a rear-facing seat in the front seat of a vehicle that has an active front passenger air bag. If the air bag inflates, it will hit the back of the car safety seat, right where your baby's head is, and could cause serious injury or death.
- If you are using a convertible or 3-in-1 seat in the rear-facing position, make sure the seat belt or lower anchor webbing is routed through the correct belt path. Check the instructions that came with the car safety seat to be sure.
- Make sure the seat is at the correct angle so your infant's head does not flop forward. Check the instructions to find out the correct angle for your seat and how to adjust the angle if needed. All rear-facing seats have built-in angle indicators or adjusters.
- Check the car safety seat instructions and vehicle owner's manual about whether the car safety seat may contact the back of the vehicle seat in front of it.
- Still having trouble? You may have a certified child passenger safety technician (CPST) in your area who can help. If you need installation help, see the end of this publication for information on how to locate a CPST.

Common questions

Q: What if my baby's feet touch the back of the vehicle seat?

A: Children can bend their legs easily and will be comfortable in a rear-facing seat. Injuries to the legs are very rare for children facing the rear.

Q: What do I do if my baby slouches down or to the side in the car safety seat?

A: Blanket rolls may be placed on both sides of your infant. A small diaper or blanket may be placed between the crotch strap and your infant too. Do not place padding under or behind your infant or use any sort of car safety seat insert unless it came with the seat or was made by the manufacturer of the seat. (See Figure 4.)

Q: Why should I dress my baby in thinner layers of clothing before strapping him or her into a car safety seat?

A: Bulky clothing, including winter coats and snowsuits, can compress in a crash and leave the straps too loose to restrain your child, leading to increased risk of injury. Ideally, dress your baby in thinner layers and tuck a coat or blanket around your baby over the buckled harness straps if needed.



Figure 4. Car safety seat with a small cloth between the crotch strap and infant; retainer clip positioned at the center of the chest, level to the infant's armpits; and blanket rolls on both sides of the infant.

Q: Do preemies need a special car safety seat?

A: A car safety seat should be approved for a baby's weight. Very small babies who can sit safely in a semi-reclined position usually fit better in rear-facing-only seats. Premature infants should be tested while still in the hospital to make sure they can sit safely in a semi-reclined position. Babies who need to lie flat during travel should ride in a car bed that meets Federal Motor Vehicle Safety Standard 213. They should be tested while in the hospital to make sure they can lie safely in the car bed.

Toddlers and preschoolers—forward-facing seats

Always read the vehicle owner's manual *and* the car safety seat manual before installing the seat.

Any child who has outgrown the rear-facing weight or height limit for his convertible seat should use a **forward-facing seat** with a harness for as long as possible, up to the highest weight or height allowed by his car safety seat manufacturer. It is best for children to ride in a seat with a harness as long as possible, at least to 4 years of age. If your child outgrows a seat before reaching 4 years of age, consider using a seat with a harness approved for higher weights and heights.

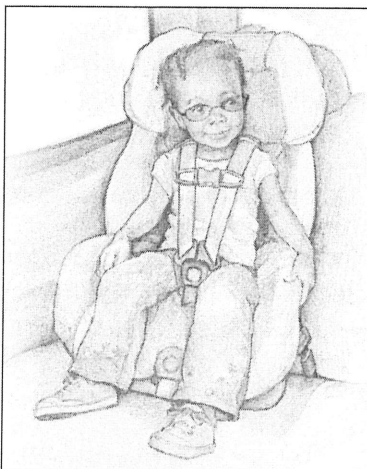


Figure 5. Forward-facing-only car safety seat.

Types of car safety restraints

Five types of car safety restraints can be used forward facing.

- 1. Convertible seats**—Seats can "convert" from rear-facing to forward-facing. These include 3-in-1 seats.
- 2. Forward-facing-only seats**—Seats can be used forward facing with a harness for children who weigh up to 40 to 80 pounds (depending on the model). Although manufacturers are not currently making any forward-facing-only seats, many remain in use from previous years.
- 3. Combination seat with harness**—Seats can be used forward facing with a harness for children who weigh up to 40 to 90 pounds (depending on

the model) or without the harness as a booster (up to 80–120 pounds, depending on the model).

- 4. Built-in seats**—Some vehicles come with built-in forward-facing seats. Weight and height limits vary. However, do not use built-in seats until your child is at least 2 years of age. Read your vehicle owner's manual for details about how to use these seats.
- 5. Travel vests**—Vests can be worn by children between 20 and 168 pounds and can be an option to traditional forward-facing seats. They are useful for when a vehicle has lap-only seat belts in the rear, for children with certain special needs, or for children whose weight has exceeded that allowed by car safety seats. These vests may require use of a top tether.

Installation tips for forward-facing seats

Always read the vehicle owner's manual *and* the car safety seat manual before installing the seat.

It is important that the car safety seat is installed tightly in the vehicle and that the harness fits your child snugly. To switch a convertible or 3-in-1 seat from rear-facing to forward-facing,

- Move the shoulder straps to the slots that are at or above your child's shoulders. On some convertible seats, the top harness slots must be used when facing forward. Check the instructions that came with the seat to be sure.
- You may have to adjust the reclined angle of the seat so that it sits more upright in your vehicle. Check the instructions to be sure.
- If using a seat belt, make sure it runs through the forward-facing belt path (be sure to follow car safety seat instructions) and that the seat belt is locked and tightened. If using lower anchors, follow car safety seat instructions and the vehicle owner's manual.
- Always use the top tether when you can. A tether is a strap that is attached to the top part of a car safety seat and holds the seat tightly by connecting to an anchor point in your vehicle (often on the seat back or rear shelf; see your vehicle owner's manual to find where tether anchors are in your vehicle). Tethers give important extra protection by keeping the car safety seat and your child's head from moving too far forward in a crash or sudden stop. All new cars, minivans, and light trucks are required to have tether anchors as of September 2000. Forward-facing seats come with tether straps. A tether should always be used as long as your child has not reached the top weight limit for the tether anchor. Check the car safety seat instructions and vehicle owner's manual for information about the top weight limit and locations of tether anchors.

Common questions

Q: What if I drive more children than can be buckled safely in the back seat?

A: It's best to avoid this, especially if your vehicle has air bags in the front seat. All children younger than 13 years should ride in the back seat. If absolutely necessary, a child in a forward-facing seat with a harness may be the best choice to ride in front. Just be sure the vehicle seat is moved as far back away from the dashboard (and air bag) as possible.

Q: What do I need to know if my child will be driven by someone else, such as for child care or school?

- A:** If your child is being driven by someone else, make sure
- The car safety seat your child will be using fits properly in the vehicle used for transport.
 - The car safety seat being used is appropriate for the age and size of your child.

- The person in charge of transporting your child knows how to install and use the car safety seat correctly.

Child care programs and schools should have written guidelines for transporting children, including

- All drivers must have a valid driver's license. In some states, school bus drivers need to have a special type of license.
- Staff-to-child ratios for transport should meet or exceed those required for the classroom.
- Every child should be supervised during transport, either by school staff or a parent volunteer, so the driver can focus on driving.
- School staff, teachers, and drivers should know what to do in an emergency, know how to properly use car safety seats and seat belts, and be aware of other safety requirements.

Q: Should my child ride in a car safety seat on an airplane?

A: The Federal Aviation Administration (FAA) and the AAP recommend that children less than 40 pounds be securely fastened in certified child restraints when flying. This will help keep them safe during takeoff and landing or in case of turbulence. Most rear-facing, convertible, and forward-facing seats can be used on airplanes, but booster seats and travel vests cannot.

Look for a label on the car safety seat that says, "This restraint is certified for use in motor vehicles and aircraft." You can also consider using a restraint made only for use on airplanes and approved by the FAA. Larger children may use the airplane seat belt or continue to use their car safety seat on the airplane as long as it is labeled for use on aircraft and the child has not exceeded the seat's weight or height limit. Remember that your child will need an appropriate car safety seat to use at your destination.

School-aged children—booster seats

Booster seats are for older children who have outgrown their forward-facing seats. All children whose weight or height exceeds the forward-facing limit for their car safety seat should use a belt-positioning booster seat until the vehicle seat belt fits properly, typically when they have reached 4 feet 9 inches in height and are 8 through 12 years of age. Most children will not fit in most vehicle seatbelts without a booster until 10 to 11 years of age. All children younger than 13 should ride in the back seat. Instructions that come with your car safety seat will tell you the height and weight limits for the seat. As a general guideline, a child has outgrown a forward-facing seat when any of the following situations is true:

- He reaches the top weight or height allowed for his seat with a harness. (These limits are listed on the seat and also included in the instruction booklet.)
- His shoulders are above the top harness slots.
- His ears have reached the top of the seat.

Types of booster seats

Two types of booster seats are available: high-back and backless. They do not come with harness straps but are used with lap and shoulder seat belts in your vehicle, the same way an adult rides. They are designed to raise a child up so



Figure 6. Belt-positioning booster seat.

that lap and shoulder seat belts fit properly over the strongest parts of the child's body.

Most booster seats are not secured to the vehicle seat with the seat belt or lower anchor and tether but simply rest on the vehicle seat and are held in place once the seat belt is fastened over a child. However, some models of booster seats can be secured to the vehicle seat and kept in place using the lower anchors or top tether.

Installation tips for booster seats

When using a booster seat, always read the vehicle owner's manual *and* the car safety seat manual before installing the seat. Booster seats often have a plastic clip or guide to correctly position vehicle lap and shoulder belts. See the booster seat instruction booklet for directions on how to use the clip or guide.

Booster seats must be used with a lap and shoulder belt. When using a booster seat, make sure

- The lap belt lies low and snug across your child's upper thighs.
- The shoulder belt crosses the middle of your child's chest and shoulder and is off the neck.

If your booster seat has lower anchors or top-tether attachments, check its booklet for installation instructions.

Common questions

Q: What if my car has only lap belts in the back seat?

A: Lap belts work fine with rear-facing—only, convertible, and forward-facing seats but can never be used with a booster seat. If your car has only lap belts, use a forward-facing seat that has a harness and higher weight limits. You could also

- Check to see if shoulder belts can be installed in your vehicle.
- Use a travel vest (some can be used with lap belts).
- Consider buying another car with lap and shoulder belts in the back seat.

Q: What is the difference between high-back and backless boosters?

A: Both types of boosters are designed to raise your child so seat belts fit properly, and both will reduce your child's risk of injury in a crash. High-back boosters should be used in vehicles without head rests or with low seat backs. Many seats that look like high-back boosters are actually combination seats. They come with harnesses that can be used for smaller children and, later, removed for older children. Backless boosters are usually less expensive and are easier to move from one vehicle to another. Backless boosters can be used safely in vehicles with head rests and high seat backs.

Older children—seat belts

Seat belts are made for adults. Children should stay in a booster seat until adult seat belts fit correctly, typically when children reach about 4 feet 9 inches in height and are 8 through 12 years of age. Most children will not fit in a seat belt alone until 10 to 11 years of age. When children are old enough and large enough to use the vehicle seat belt alone, they should always use lap and shoulder seat belts for the best protection. All children younger than 13 should ride in the back seat.

Using a seat belt

1. An adult seat belt fits correctly when

- The shoulder belt lies across the middle of the chest and shoulder, not the neck or throat.

- The lap belt is low and snug across the upper thighs, not the belly.
- Your child is tall enough to sit against the vehicle seat back with her knees bent over the edge of the seat without slouching and can comfortably stay in this position throughout the trip.

2. Other points to keep in mind when using seat belts include

- Make sure your child does not tuck the shoulder belt under her arm or behind her back. This leaves the upper body unprotected and adds extra slack to the seat belt system, putting your child at risk of severe injury in a crash or with sudden braking.
- Never allow anyone to "share" seat belts. All passengers must have their own car safety seats or seat belts.

Common questions

Q: I've seen products that say they can help make the seat belt fit better. Should we get one of these?

A: No, these products should not be used. They may actually interfere with proper seat belt fit by causing the lap belt to ride too high on the stomach or making the shoulder belt too loose. They can even damage the seat belt. This rule applies to car safety seats too; do not use extra products unless they came with the seat or are specifically approved by the seat manufacturer. These products are not covered by any federal safety standards, and the AAP does not recommend they be used. As long as children are riding in the correct restraint for their size, they should not need to use additional devices.



Figure 7. Lap and shoulder seat belt.

Shopping for car safety seats

When shopping for a car safety seat, keep the following tips in mind:

- No one seat is the "best" or "safest." The best seat is the one that fits your child's size, is correctly installed, fits well in your vehicle, and is used properly every time you drive.
- Don't decide by price alone. A higher price does not mean the seat is safer or easier to use.
- Avoid used seats if you don't know the seat's history. Never use a car safety seat that
 - Is too old. Look on the label for the date it was made. Check with the manufacturer to find out how long it recommends using the seat.
 - Has any visible cracks on it.
 - Does not have a label with the date of manufacture and model number. Without these, you cannot check to see if the seat has been recalled.
 - Does not come with instructions. You need them to know how to use the seat.
 - Is missing parts. Used car safety seats often come without important parts. Check with the manufacturer to make sure you can get the right parts.
 - Was recalled. You can find out by calling the manufacturer or contacting the National Highway Traffic Safety Administration (NHTSA) Vehicle Safety Hotline at 888/327-4236. You can also visit the NHTSA Web site at www.safercar.gov.

- Do not use seats that have been in a moderate or severe crash. Seats that were in a minor crash may still be safe to use, but some car safety seat manufacturers recommend replacing the seat after any crash, even a minor one. The NHTSA considers a crash minor if all the following situations are true:

- The vehicle could be driven away from the crash.
- The vehicle door closest to the car safety seat was not damaged.
- No one in the vehicle was injured.
- The air bags did not go off.
- You can't see any damage to the car safety seat.

If you are unsure, call the manufacturer of the seat. See "Manufacturer Web sites" at the end of this publication.

About air bags

- **Front air bags are installed in all new cars.** When used with seat belts, air bags work well to protect teenagers and adults; however, air bags can be very dangerous to children, particularly those riding in rear-facing seats, and to preschool- and young school-aged children who are not properly restrained. If your vehicle has a front passenger air bag, infants in rear-facing seats must ride in the back seat. Even in a relatively low-speed crash, the air bag can inflate, strike the car safety seat, and cause serious brain injury and death.

Vehicles with no back seat or a back seat that is not made for passengers are not the best choice for traveling with small children; however, the air bag can be turned off in some of these vehicles if the front seat is needed for a child passenger. See your vehicle owner's manual for more information.

- **Side air bags are available in most new cars.** Side air bags improve safety for adults in side-impact crashes. Read your vehicle owner's manual for more information about the air bags in your vehicle. Read your car safety seat instructions and the vehicle owner's manual for guidance on placing the seat next to a side air bag.

If you need installation help

If you have questions or need help installing your car safety seat, find a certified child passenger safety technician (CPST). Lists of certified CPSTs and child seat-fitting stations are available on the following Web sites:

NHTSA Parents Central

www.safercar.gov/parents/index.htm

SeatCheck

www.seatcheck.org (Or call 866/SEATCHECK [866/732-8243].)

National Child Passenger Safety Certified Technicians

<http://cert.safekids.org> (Or call 877/366-8154.)

Includes list of CPSTs fluent in Spanish and other languages or with extra training in transportation of children with special needs.

Important reminders

1. **Be a good role model.** Make sure you always wear your seat belt. This will help your child form a lifelong habit of buckling up.
2. **Make sure that everyone who transports your child uses the correct car safety seat or seat belt on every trip, every time.** Being consistent with car safety seat use is good parenting, reduces fussing and complaints, and is safest for your child.
3. **Never leave your child alone in or around cars.** Any of the following situations can happen when a child is left alone in or around a vehicle. A child can

- Die of heat stroke because temperatures can reach deadly levels in minutes.
- Be strangled by power windows, retracting seat belts, sunroofs, or accessories.
- Knock the vehicle into gear, setting it into motion.
- Be backed over when the vehicle backs up.
- Become trapped in the trunk of the vehicle.

Always read and follow the manufacturer's instructions for your car safety seat. If you do not have those, write or call the company's customer service department. They will ask you for the model number, name of seat, and date of manufacture. The manufacturer's address and phone number are on a label on the seat. Also, be sure to follow the instructions in your vehicle owner's manual about using car safety seats. Some manufacturers' instructions may be available on their Web sites.

Although the American Academy of Pediatrics (AAP) is not a testing or standard-setting organization, this publication sets forth the AAP recommendations based on the peer-reviewed literature available at the time of its publication and sets forth some of the factors that parents should consider before selecting and using a car safety seat.

Listing of resources does not imply an endorsement by the American Academy of Pediatrics (AAP). The AAP is not responsible for the content of external resources. Information was current at the time of publication.

The information contained in this publication should not be used as a substitute for the medical care and advice of your pediatrician. There may be variations in treatment that your pediatrician may recommend based on individual facts and circumstances.

Figure 1 adapted from National Highway Traffic Safety Administration. *LATCH Makes Child Safety Seat Installation as Easy as 1-2-3*. 2011. DOT HS publication 809 489. Published March 2011. Accessed November 5, 2015.

Figures 2, 3, 5, 6, and 7 by Anthony Alex LeTourneau.

Figure 4 from Bull MJ, Engle WA; American Academy of Pediatrics Committee on Injury, Violence, and Poison Prevention, Committee on Fetus and Newborn. Safe transportation of preterm and low birth weight infants at hospital discharge. *Pediatrics*. 2009;123(5):1424-1429.

From your doctor

American Academy
of Pediatrics



DEDICATED TO THE HEALTH OF ALL CHILDREN™

The American Academy of Pediatrics (AAP) is an organization of 64,000 primary care pediatricians, pediatric medical subspecialists, and pediatric surgical specialists dedicated to the health, safety, and well-being of all infants, children, adolescents, and young adults.

American Academy of Pediatrics
Web site — www.HealthyChildren.org

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