

Technology

Your Car Is a Rich Target for Information Thieves

ICTURE A sedan driving on a highway anywhere in the U.S. It has Bluetooth capability, allowing the driver to make and receive phone calls without taking her hands off the steering wheel.

The contacts stored on her smartphone are accessible from a menu displayable on the dashboard, allowing her to call a friend with one press of a button. Just as easily, she can choose songs stored on her phone or scan radio stations.

The car has a GPS system that shows her location and where she is going.

But all of these conveniences make information available to skilled cyber criminals.

A recent report by British price comparison company Uswitch showed that cyber attacks on vehicles in the United Kingdom that are connected to computer networks grew sevenfold between 2016 and 2019. The number of attacks rose by 99% just between 2018 and 2019. Experts expect those numbers to get worse.

While our driver might be uncomfortable with the idea of a stranger knowing what she's listening to, the problem is more serious than that. Multiple parts of a modern car are computer-controlled, including:





- The mechanism for locking and unlocking the vehicle
- Bluetooth technology
- Onboard diagnostic systems
- Steering and braking
- Engine and transmission
- Tire pressure monitoring
- Airbags

Hackers break into cars by exploiting security flaws in their software and those in smartphone apps that connect to them.

What car hackers can do

- Scan for the signal that a key fob uses to communicate with a car and use that signal to unlock it, thus enabling an easy theft.
- Take control of climate control systems, leading to drained batteries, a serious
- problem for electric vehicles.
- Take control of braking and acceleration.
- Turn the engine on and off.
- Identify the vehicle's location.
- Access contact information (names, phone numbers, e-mail addresses).

How to protect your car and data

There are some steps drivers can take to protect themselves:

- Limit the number of phone connections and personal data shared with the car.
- Regularly install app security patches.
- Download apps from reliable sources (Apple and Android stores).
- Monitor how a newly installed app affects the phone's battery life. Malicious apps running constantly in the background will weaken the battery.

Modern cars offer multiple conveniences that make traveling more pleasant, but those conveniences come with risks. Car owners must keep these risks in mind when they choose cars and apps for their smartphones. •



New Liability

Before Renting That E-Scooter, Check Your Insurance

ENTABLE ELECTRIC scooters are sweeping across cities all over the country, and they are popular for taking quick jaunts around town without having to walk or drive a car.

There is something nostalgic about riding a scooter, reminding us of our childhoods. On top of that, they are an easy way to get around.

To take a ride on one of these e-scooters, the rider needs to download the affiliated smartphone application and create an account. The app will then tell you the location of the nearest parked scooters.

Unfortunately, emergency rooms are also seeing an increase in the number of people who have been injured in accidents when riding these scooters.

And if you are riding one and you crash into a person's car, or injure someone, there are liability issues that your current insurance may not cover.

E-SCOOTER DANGERS

- A vehicle can hit you.
- You may hit a pedestrian, a vehicle or other property.
- You can crash due to road hazards or a malfunctioning scooter.

Liability issues

If a third party is injured or there is third-party property damage, the liability will likely fall to the negligent party. The scooter renter and the scooter company itself may both be liable for injuries caused by riders.

That said, though, e-scooter riders are not required to carry liability insurance, so if the claim falls back to you due to your negligence, you may not be covered by your current insurance.

For example, your standard auto policy will exclude liability coverage for a vehicle with fewer than four wheels. Hence, damage or injuries you cause while driving an e-scooter would typically not be covered under your personal auto policy.

The agreement you sign for most e-scooters includes a warning that "your automotive insurance policies may not provide coverage for accidents involving damage to this vehicle."

Additionally, homeowner's policies exclude liability for damage by any vehicle that is self-propelled. These policies do not cover damage done by a motor vehicle, as that sort of damage is more appropriately covered by an auto policy.

Umbrella policy coverage

The only policy that may offer some coverage is a personal umbrella policy. But, umbrella polices provide protection over and above the limits of any other policies you may have, like your auto and homeowner's policies. Sometimes, however, the policy may cover risks that are excluded from your other polices.

Check your umbrella policy to see if it contains an exclusion for vehicles with fewer than four wheels. If it doesn't, the policy may cover any damage you cause when riding an e-scooter.

So, before you decide to rent an e-scooter, understand that the price of the rental does not include insurance. You can call us to see if any of your current policies would provide coverage if you crashed on a rented e-scooter. •

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Exercise Extreme Caution Around Large Trucks, Buses



AS THE economy hums along, we are sharing the roads with more trucks than ever before. Unfortunately, many people do not exercise the extreme caution required when driving around 18-wheelers, container trucks and buses.

And if there is an accident, due to their sheer size and weight, they can crush a passenger vehicle, seriously injuring or killing the occupants.

Trucks have tremendous blind spots, take longer to brake and often require multiple lanes to make turns. If you are also driving in hazardous conditions like icy, snowy or wet roads, the chances of an accident grow.

Another vehicle in or encroaching into the truck's lane was the critical pre-crash event for 73% of fatal large-truck crashes in the U.S. last year, according to the Federal Motor Carrier Safety Administration.

Fortunately, there are steps you can take to avoid having an incident while sharing the road with trucks and buses

FIVE TIPS FOR DRIVING AROUND TRUCKS

1. Stay out of blind spots – You're small and those trucks are giants. Even though the drivers are sitting high above you, that size comes with huge blind spots for the truck drivers. Here is a good rule of thumb if you must drive in the lane next to a truck: If you can't see the driver through their window or in their sideview mirror, the chances are good that they cannot see you either.

It's better if you don't drive in their blind spot at all, so strategically position your vehicle so that you stay behind or ahead of the truck, if possible. Be careful when merging into a lane next to a truck.

2. Pass with care — As mentioned above, make sure you see the driver in their mirror before passing. Start signaling early and then move into the left lane and accelerate so you can as quickly as safely possible pass them and get out of their blind spot.

When you merge back into the same lane as the truck, make sure you do so only when the truck is visible in your rearview mirror.

Don't pass going downhill or while in the right lane.

- **3. Give a wide berth** When driving near trucks, be sure to give them a wide berth. Don't tailgate, or linger too long alongside a truck and make slow predictable movements. Do not cut off a commercial truck or bus. They need more time to brake and slow down than passenger vehicles and they are heavy, so if they crash into you the results can be catastrophic.
- **4. Don't tailgate** Tailgate at your own peril. If the truck or bus in front of you must suddenly stop and you rear-end the vehicle, the chances of severe injury or death are extremely high. Also, don't stop too close behind a truck at a light either. If someone rear-ends you or the truck rolls backwards, there could be serious consequences.
- **5. Watch for wide turns** Trucks need extra space to make turns, and they will often start a turn from the second lane to the right in order to navigate the corner. If you see a truck with its turn signal on, don't try to squeeze in between the inner lane and the vehicle. Keep your distance. ❖



Homeowner's Policy May Not Cover Your Fine Art

O YOU have expensive art in your home: Paintings, sculptures, glass works, textiles, ornamental jewelry or other items?

But while you may have art, is it "fine art" – a one-of-a-kind work that may have some historic or artistic significance that required a specific fine skill to create, and is rare and unique.

Fine art differs from collectibles and jewelry, which your policy will typically cover up to a limit. Homeowner's policies generally cover up to a set limit for many specific categories of items. For example, your policy may cover a loss of up to \$2,500 for your art, collectibles and antiques.

But, if you're assuming that your homeowner's insurance will cover your fine art, you may be disappointed. The category cap in most standard homeowner's policies is not nearly enough to cover a fine art collection, or even a set of collectibles.

The coverage in your homeowner's policy will likely not be adequate if you have high-value artwork. In addition, general homeowner's insurance policies may have more exclusions, further limiting when and how a potential claim is paid out.

Have your art regularly appraised and keep an updated inventory of items; both of these steps can help you determine which insurance coverage might be best for you.



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The solution

It's possible to buy special coverage for specific items such as pieces of art, which would cover them for their most recently appraised value.

If you were to lose the art in a theft or fire, you want to make sure that you can get compensated for its full value, particularly if it has appreciated over the years since you bought it.

Additional fine art insurance is often a better option for many fine art collectors or owners. You can opt to insure items individually on floater policies, or purchase broader valuable-item insurance.

Fine art coverage can help protect your artwork collection. Many fine art owners rely on insurance for artwork to cover theft or unexpected damage to their collections.

In addition to theft, fine art home insurance policies may cover fire, accidental breakage and loss from severe weather. Be sure to read your policy carefully, as you may need a separate flood policy to be protected in the event of flooding.

Fine art policies can also include transportation coverage. This can be especially beneficial because a significant 5 to 10% of art-collection claims are a result of damage or loss to the pieces during transit.

Before you get started, you'll need to have your artwork appraised. The next step is to meet with us to find you the right coverage that can cover your unique collection and be tailormade for you.

If you buy fine art home coverage directly from an insurer, you'll be sold only the products that company offers.

If you work with us, you will be able to compare several quotes and coverage options from top fine art insurance companies. •