Item 1. Commenter Information

I am providing comments on behalf of myself, A. Farleigh.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Any restriction to diagnose and repair my own vehicles, or have others access the software, would be detrimental to my personal life. I have, in the past ten years, been able to save my self several thousand in simple automotive repairs because of the ability to access diagnostic information. I saved \$700 in parts alone by re-soldering a bad connector on a dashboard. This connector was a well-known problem, but was never recalled. In another instance, I was able to ascertain via vehicle software that two transmission sensors, also well-known high failure items, had failed and were easily replaceable. On a third instance, the EGR valve intermittently failed while out of town. A quick stop at a local parts store allowed me to ascertain, by their ability to access the software, that continuing on would not damage my motor.Ú

Access to vehicle software is critical to economical and safe operation of older vehicles. Driving is already extremely high cost to most Americans with jobs, without adding another layer of gatekeepers. \acute{U}

Thank You

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Aaron Reynolds.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I can't imagine a world where I'm not able to fix my multi-million dollar tractor, except that is where I now live. They claim they are encouraging innovation? Sure, I can't afford to harvest my crop now, that will help the tractor world improve. They say I'll do something dangerous? Not their problem, just like a car manufacturer isn't responsible for faulty car repairs after the car is sold. That would considered crazy and yet that is a John Deere argument as to why I should junk my tractor.

Thank you for your consideration. May God have mercy on our souls.

Item 1. Commenter Information

I am providing comments on behalf of myself, Aaron Teerlink.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have a newer truck that has more electronic gadgetry, which I have enjoyed. Although it's barely 2 years old it is starting to feel dated and slow. I really would like to be able to update the software so that it can be more user friendly according to my personal preferences. I don't have a degree in computer science, but have considerable experience with computer programming and configuration. I know that car companies think that I would intentionally (or even unintentionally) do something to damage my vehicle by "tampering" with the software. This is misguided at best. While it may ok for certain critical functions to be locked, I think that most if not all software should be open to improvements, which may even be better than what the OEM can do, given that open source communities tend to have far greater numbers of interested individuals than a company can afford to pay. If I bought the vehicle I should be able to modify or improve it as I please within the bounds of reasonable laws and regulation. I should also be allowed to fix my own vehicle instead of having to pay someone more per hour than I make to fix it. Just because I may not have all the qualifications to do it at a dealership doesn't mean that I can't fix, repair, modify or improve things without the help of other interested individuals. I shouldn't have to get permission to bleach or tie-dye a t-shirt that I bought. Why should I have to get permission to modify my truck that I bought? The FAA allows for experimental aircraft that have been tinkered with. Why not the same thing for cars?

The protections the law should provide should benefit the people who are governed by them providing greater freedom, not less. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Adam Wallace.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I own the equipment, it should be my right to modify and repair the equipment as I see fit. These restrictions are a tremendous barrier to innovation. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Adrian Hood.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If Tesla is okay with it then what do the other companies have to fear? We want to own our vehicles and be able to make repairs. Locking us out of our own property leaves us powerless. If we suppress our ability to create, learn, and modify our own property then we will set in motion a world that fosters stupidity and dependence, not innovation and progress. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Alexander Miller.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I buy a car I want to own the ENTIRE car, and I want to have the ability to repair, improve, and alter that car. It is anathema to the idea of a free society that a large organization, be it the state or a corporation, should have the ability to tell me what I can and cannot do in cases where I am doing no harm. In particular, repairing a vehicle clearly does not harm other members of society and there is no reason to prohibit people from repairing vehicles. The Equipment Manufacturers are just trying to preserve their unfair leverage over the market. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Alex G.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should have the right to make my own custom changes to any device I own so I can alter them to suite any custom needs or wants I have without worrying about someone else dictating what I can an can not do to it. Hooray! Thanks for reading!

Item 1. Commenter Information

I am providing comments on behalf of myself, Alex Reid.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should be able to work on my car or tractor -- if I cannot repair my own property, I don't own it. Digital ownership should be treated like physical ownership; things I purchase should be mine to use as I see fit.

Item 1. Commenter Information

I am providing comments on behalf of myself, Alfonso Apuzzo.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The increasing software lock-down of cars has made it much more expensive to upgrade the car stereo or even to do such simple things as installing snow-tires and reprograming the tire-pressure-monitoring-system. In my case, I spent over \$400 on software and hardware to be able to reprogram the sensors myself. Without locked-down car software, it might have been free or much cheaper to comply with the law than it actually turned out to be. The irony is that due to the complication of reprogramming the tire sensors, many hobbyists are just putting black electrical tape over the warning light and doing without. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Allen Carter.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I've converted my car to run on E85, just like any gasoline car made after 1984 can. To do so, I upgraded the computer to run on a wider range of fuel to air ratios. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Amyn Shurafa.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I support allowing a consumer to modify their property. Whether it be their car, home, computer, guns, place of business, etc. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, A Naik.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

of course, we need to be able to repair the equipment the we purchased. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Andrew Hamilton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should be able to fix my car or take it to an independent repair shop. If I do not own my car then I will have an increased burden on myself as I would be required to take it to the dealer and pay more money than I would if I had more options. Independent mechanics should also be able to fix and upgrade vehicles for owners without paying an extra "innovation tax" just to read diagnostics from the vehicles computer.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Andrew Scammon.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Again, I paid a fairly negotiated price for my equipment. Hold it hostage for repair and/or improvement, or preventing me from taking a mass market piece of equipment and modifying it so it is a more efficient provider for my individual needs is an unwarranted abuse of power. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, andy.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We pay hundreds of thousands of dollars for our John Deere equipment, we use this equipment to farm the soil and produce food for livestock and humans. We are not in the business of pirating software, we are in the food business. If we are not allowed to fix repairs economically we go out of business and that creates fewer producers of food products. We need to be free to operate our equipment, repair our equipment so that we can produce affordable food. We cannot afford to comply with John Deere's unreasonable idea that they own our equipment because they own the software, will they pay the insurance on it, taxes, etc? Thank you for your consideration in repairing this rule that will destroy food businesses and ultimately create higher food costs across the nation.

Thank you for your consideration. Andrea Hutchison

Item 1. Commenter Information

I am providing comments on behalf of myself, Andy.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought the item I should have full control over what I choose to do with it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Anonymous.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Besides the fact, that if you buy it, it's yours. Where's the harm in allowing some tinkering to the software for the benefit of the user either for repair or improvement. Guess what manufacturer if they screw it up and have to come to you for repair. \$\$ChaChing\$\$ Likely cost us more, but if it's a benefit/risk analysis.Ú

So you go on thinking you own the tractor, your wrong in every aspect. You can't take it away or drive it away without being called a thief and going to jail, so forget your ownership notion, and move on to more important things, improving your company/products and quit wasting money on this nonsensical effort to tell your biggest contributors and supporters that you no longer own that \$200K or more piece of equipment. Your going to lose business quickly, over what.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Anthony Goff.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to own and repair the vehicle I paid for. If it's not mine, why do I pay property tax? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Anthony Jay.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

This is ridiculous beyond belief. Let me do with my purchased product what I like. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Armando Domingos.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I pay for equipment, while I may not own the software that makes it run, I most certainly have ownership of everything else, including the particular piece of code on the equipment I purchased. Ú Ú Don't mistake copyrights for property rights. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Art Miller.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

One thing that has helped our country and build new industries are people that are not afraid to innovate and invent. There are entire businesses devoted to modifying vehicles to meet people's dreams. \acute{U}

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While car manufacturers own the software in their cars, people should have the right to replace the software in their cars, just like I have the right to go to a retail store, buy a Dell computer and install whatever operating system I want on it after I get it home.U

Its a long standing tradition for people who know how to work on their vehicles to work on them, by restricting their right to work on vehicle its effectively shutting down auto part shops that supply those people with the equipment to repair their own cars.

I have always felt that copyright law was intended to protect the ideas and inventions of the person, but they didn't remove the consumers right to build upon those ideas, expand them, and turn them into something else that no one ever thought possible.

Removing that ability will make it nearly impossible for hobbyists and inventors to be innovative and create something new for the benefit of society.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Augie Ellsworth.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I believe that if I pay for a product to own it. I them own all rights to modify that product as i see fit. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Austin Gore.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The dmca should address issues of copyright, not issues of environmental compliance or safety standards - laws already exist to govern those issues. As a computer engineer, I do have the skills and knowledge to modify the software in my vehicle, and desire the ability to legally do so in order to improve my vehicle however I see fit.

The DMCA needs to be revised to promote consumer freedom, creativity and innovation. The three year exemption process is not enough to ensure this. The DMCA should not enforce issues where no copyright is at stake, nor should it infringe on my rights to break drm without the intention to violate copyright. Thank you.

Item 1. Commenter Information

I am providing comments on behalf of myself, Benjamin Croxton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

While I have not personally modified any vehicle programming in cars I have owned, I can easily understand the need and desire to do so. This is especially true in older model vehicles that lack current support, or will lack support as time passes. In addition, opening up the ability for end users to tinker and modify ANY portion of an item they have fully paid for could bring to light shortfalls in the original product design/implementation. Further, any individuals that are capable may be able to invent and launch methods of improvement or add-ons for existing items, which could spring more small businesses and innovation in general.

When a consumer purchases something, it should belong to them in general. If they want to take it apart to tinker, repair, or improve the item they should be completely free to do so. Changing these laws and regulations at the source is in the best interest of the general consumer/citizen. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Benjamin Palfi.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Vehicle safety standards and regulations are enforced by law officials, not the car industry. If I am to make a safety modification to my vehicle, I will be punished by the law because I am breaching a contract I have made to safety laws. I am not to be punished by the car industry and labeled a pirate. Diverging from the topic of modification for violation of laws, many people modify their vehicles for their needs within legal limits. People modify their vehicles to perform better on private tracks and to do things that personally interest them and their creativity soars. Modifications to vehicle software takes skill and knowledge. The average person they argue who doesn't have the skill won't be making such modifications, but there exists a large community who does have the skill and the ability to make such modifications. This group exists and I am one of them. As a computer engineer I have the understanding of how computer systems work on a vehicle for their control and have the skill necessary to modify these systems without breaching existing laws and if I don't, then I will learn. If this ability is eliminated entirely, I will never learn how to do this if it does interest mean and innovation and creativity will be destroyed. When I purchased my vehicle, I purchased everything on it and I would like to own this vehicle. I would like the software, the hardware, the the mechanics, and the specs of dust on the paint to be labeled as purchased and owned by me. I was never asked by any car company whether I would like them to include software or a control module they have developed. In essence, they are forcing me to pay for a license to use it if this law is enacted. This is improper and making it harder and harder to own my own property is the opposite to freedom.

Thank you for your consideration. As an average American, I would like you to consider my freedom. The freedom to choose how to use the devices I work hard to spend money on. The

freedom to allow my creativity and innovation to trickle into these devices and move the world forward into the future. Taking away the ability of every American to use their brain and education to make something to their liking or to repair something they understand is taking away freedom.

Item 1. Commenter Information

I am providing comments on behalf of myself, Benjamin Shell.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The police should be responsible for catching people speeding, and SMOG checks should catch vehicles which pollute. Copyright law should not be involved in either! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ben K.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Owning a vehicle means owning all of it, incl. the copy of the software that came with it. BTW, if there is a concern about hobbyists screwing up their cars and that justifies legislation, do it the proper way: by implementing federal or state laws covering what you're worried about. Not this backchannel business.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ben Stallard.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It's a very simple concept. I purchased the ENTIRE VEHICLE, software included, so I should be able to do whatever I wish with my property. Why are the manufacturers still able to lay claim to what I already own? They recieved their due when I purchased the vehicle. Thank you for your consideration. I dearly hope your decision will reflect the will of we, the people, rather than the corporate world.

Item 1. Commenter Information

I am providing comments on behalf of myself, Bill Kriegsman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

There is no reason that I should not be able to fix my own vehicle. As I own it, I should have the right to fix it on my own. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brad Huffman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

CURRENT lack of skill or equipment to perform the actions necessary doesn't equal future lack of skill or equipment, and should not preclude me from performing maintenance operations on my vehicle should the situation present itself. If there are proprietary software components in a a vehicle computer that a manufacturer considers IP, they should not be required to provide documentation to the general public, but it should not be illegal for the general public to reverse engineer said software for whatever reason they chose so long as they do not infringe on the manufacturers copyrights.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Bradley Balach.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It would be easy enough to just disallow the modification of safety equipment while allowing the repair or modification of any of the other parts. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Bradly Snow.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I demand the right to modify my vehicles ECU. there should be no problem with me poking around its ECU as long as I dont distribute the cracked code Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brad Williamson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I would like the ability to do whatever I want with the hardware I own. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brandon Erickson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I own a vehicle (i.e I have fully paid the cost for the device), I OWN it. Ownership still means I control what happens to my property. It will always mean that, no matter how you decide to spin your own interpretation of the concept. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brandon Wheat.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Once I buy the hardware, whatever controls it should be mine to play with. My needs/wants are potentially very different from the average consumer and being restricted by the lowest common denominator's abilities just isn't right. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brett Wright.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have zero interest in stealing the hard work that makes my car go, and only limited interest in modifying it. Ú

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However, IF I want to modify my car, I want the option to do so. If I can change the stereo out and replace it with a new 3rd party stereo, why can't I modify your code? Simply put, having options is what has made America great. Freedom of Speech, Gathering, the Press, etc. Innovation occurs because the option existed to pursue it.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brian Abts.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I'm barred from fixing, repairing, or replacing the software in my vehicles now, does that mean I wont be allowed to fix, repair, or replace the physical parts a few years from now? Property ownership is property ownership. Why is software different? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brian Hawthorne.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I live in a rural area. My tractor was built in 1965 by Massey-Ferguson, a company that has long been out of business. My tractor has no computer, and after 50 years it still runs well. When I need to repair it, I can fix every part and keep it going. If I buy a new tractor today, will the manufacturer still support the software in 2065? Will the manufacturer even exist? I sincerely doubt they will even support the software in 2025! That means to keep the tractor running, I will need to be able to fix the software myself. Ú

Software locks are a way that vehicle and tractor manufacturers build in planned obsolescence and force customers to purchase new models more often.

The first-sale doctrine must apply to physical objects that happen to contain software. I should be allowed to do whatever I want with my property, including the copy of the software that is embedded in that property.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brian Langevin.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should not have to go to a dealer and pay their higher rates as car become increasingly computerized and software driven. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brian Purkiss.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I buy it and own it, I should be able to do what I want with it. If I purchase something and own it, I should be able to do what I want with it.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brian Spradlin.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Working in the field, literally, comes with the chance of failure of equipment that farmers live with every day. There's a long history of independence of the farming community being able to maintain and repair their equipment to continue working each day. Being unable to make a repair for themselves, and instead waiting for a repair service to eventually get to the issue is a loss of productive time and ability for farmers. It should never come to pass that the owner of a tractor can't fix something that breaks themselves. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brook drumm.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

To extend functionality- it's the American way Thank you for your consideration.

Let Americans innovate and extend. Don't crush the can-do spirit of innovators. Let users explore, create and invent new approaches of entertainment, ingenuity, and stretching the dollar. Let us fix what is broken.

Item 1. Commenter Information

I am providing comments on behalf of myself, Brooke Hedrick.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

if I buy a vehicle, I own it. Period. If car manufacturers don't like that, they can stop putting IP in cars. This is not a new potential issue. People have been modifying vehicles forever with the same risks. Our country was founded on people being able to solve their own problems - not on service centers, warranties, etc.

Item 1. Commenter Information

I am providing comments on behalf of myself, B Spencer Zawasky.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Car companies are not software companies. And despite their determination to do everything themselves, it is obvious that they can't or won't give me access to things as simple as my miles per gallon (on gas alone) or the temperature of the engine (it only says that it is over heating *after* it has overheated!).Ú

Ú

All I want is to be able to read the status of my car so I can use it properly.

These common sense concessions promote competition and innovation, and keep America competitive, and keep America great.

Item 1. Commenter Information

I am providing comments on behalf of myself, Caleb Cooke.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am afraid that the inclusion of automobile computers in the DMCA will impede the ability of rightful owners of said vehicles to diagnose and repair their rightfully owned products. There are already laws in place to stop the concerns referenced by the manufacturers. Including these devices in this provision will not, in my opinion, make it any harder to circumvent those protections. It will simply increase the barrier for rightful purchasers of said equipment to make lawful repairs and modifications to their own devices. As such, I am fully opposed to including automobile computers as devices covered by the DMCA. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Cameron W. Smith.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am a software engineer and have the technical ability to modify, or at least read, the software that controls my cars systems. I own the car and should have the legal right to do so, especially once the warranty expires! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Cary Allen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When I purchase a vehicle, I purchase the whole thing. I own it. It is mine to do with as I please. If I wish to repair or modify it to better suit my needs, that is my right, since it is my property. When I purchased my car, I did not sign any document or make any agreement to leave ownership of parts of my car in the hands of the dealer or manufacturer. Ú Ú

There is no reason that merely because parts of the operation of the car are controlled by software, they should remain someone else's property. That is an absurd notion. Every part of a car is by someone's invention. Any or all of those parts may be covered by patent. Software is no different. Once I pay for the car, I own the use of the entire car, not just those parts that are not 'code.' I maintain my car to suit myself, and no one else has any claim on how that is done. The notion that software is some kind of magical 'other' technology that reserves rights to the manufacturer once it is sold to me does not stand logical scrutiny, and is an attack on personal property rights and personal freedom. The Copyright Office should end this idiocy immediately. Thank you for your consideration. I hope you will rein in manufacturers who attempt to control people's behavior with products they have sold them.

Item 1. Commenter Information

I am providing comments on behalf of myself, C Clarke.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It would be harder to fix everyday vehicles, ESPECIALLY THE VEHICLES OWNED BY GOVERNMENT WORKERS. Thanks for reading and keep on making your citizens proud.

Item 1. Commenter Information

I am providing comments on behalf of myself, chakra janusas.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Hello I purchased a Brand new truck in 2013, I never received any written or verbal notification that the entire vehicle including the software to run it are mine. I have purchased over two hundred dollars worth of software, thats needed to ensure my vehicle works properly with the extra equipment I have added to it. It is unthinkable and onerous to expect people to have to take their vehicle to the over priced service, when we can do the work better ourselves. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Chandler Reynolds.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

An entire industry has been built around the idea of third party modifications to vehicle ECUs and other modules. Most of the professionals in this industry spend weeks and months learning the intricate design of the ECU and how it operates before ever attempting a modification. Additionally, all companies who sell these modifications do extensive testing to ensure reliability and safety in all operating conditions. From a business perspective, it makes complete sense to test and verify your product in order to avoid a lawsuit. The claims made by manufacturers are completely invalid because the average car owner is not going to pop the hood and attempt to modify the software running on their ECU. Additionally, the owner of the vehicle should have the right to modify the car as they see fit. It is well documented that all warrantees are voided with any modifications. The consumer is already well aware that what they are doing is not condoned by the manufacturer. It is not the manufacturers' job to enforce safety, emission, and other laws.

I urge you to think logically and objectively about each of these issues and to gather your own data before making a ruling. Think about the smartphone in your own pocket and how you would react if it was illegal for you to make your own decision about which carrier to use with your phone. It is important to prevent plagiarism and knock-offs, but it is far more important to encourage competition and innovation. Taking ownership out of the consumer's hands will not benefit the general public, and will stifle competition and innovation in the future. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, charissa eller-doughty.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Please protect our freedoms. We own the items we buy in the marketplace and shouldn't be penalized for using them as we see fit. Humans have always innovated and improved upon the tools on our hand. to make legislature blocking us from this evolution is inhumane and infringement on our rights. I want to back up all my DVDs, I want to be able to 3d print with whatever materials available if I purchase a printer. Stop valuing businesses over individuals. Please protect our freedoms. We own the items we buy in the marketplace and shouldn't be penalized for using them as we see fit. Humans have always innovated and improved upon the tools on our hand, to make legislature blocking us from this evolution is inhumane and infringement on our rights. I want to back up all my DVDs, I want to be able to 3d print with whatever materials available if I purchase a printer. Stop valuing businesses over individuals. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles Bridgeman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Repairing and modifying my car is a hobby that I and millions of Americans enjoy. Restricting access to a car's software is equivalent to putting a lock on the timing belt or spark plug coil of an older motor. It is in-American to prevent us from tinkering. What do you think Ben Franklin would say?

Thank you for your consideration. I hope that we can decide what is right for the people of this country, and not what is right for the corporate interests and lobbyists.

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles Brining.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Without the ability of being able to access what I, the consumer, have purchased then I am forced to only seek repair/upgrades options from the manufacture of the item, thus being held hostage. With no option for 3rd party repairs. When a price point for a item is set it has always been my understanding that I owned said product once I bought it. To me that means everything with the said product... the metal that makes the body or frame or case, the wiring units, the software, etc. I honestly can not believe I even have to write about this. And now knowing how some of these corporations feel about this I would never purchase, or lease in their view, a product from them. I would encourage everyone I know to do the same. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles gross.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Hello, I'm a 42yr old Kentuckian, and I've been tinkering with cars for around 30 yrs. I was taught by my father, who also has done it most of his life. Not only was I taught mechanics during this time, but also how to be a man. I'm proud to be who I am, and thankful, my father took the time to share with me on his car projects. That would be total tyranny not to be able to change the performance of a vehicle that cost you as much as a house. If this is not stopped in its tracks, none of my huge family, will never buy new again. This is America people, stop taking our freedoms. Thanks, Charles gross Jr.Ú

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles Haase.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Auto manufacturers' development cycles are too slow to keep up with the rapidly changing pace of software, computation, and sensors available in our vehicles and mobile devices. They also are extremely risk-averse when it comes to potential liability. I would like to be able to interface with my car's systems, especially using third party apps or devices. I understand that this may void my warranty in some cases. And I understand that certain systems should not be touched (e.g.- brake-by-wire, throttle-by-wire, locks, etc.). But if I want to play a sound through my radio, linked to the actual RPM of my engine so that my car sounds like a Ferrari, I think I should be able to do that.

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles Hill.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought my Acura, why can't I engine tune my own car, or have my mechanic do it without special software? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Charles R Andre.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Mechanics and tinkerers have been modifying their cars since there have been cars. Not every car owner is capable of effectively tweaking the engine control software in their car, but thanks to the internet, they don't need to be. People who ARE capable share their tuned profiles. There is no legitimate reason to prevent people who OWN a car from modifying that car. There is no legitimate reason that a mechanic should have to spend thousands of dollars for the "privilege" of modifying simple parameters.

Fining and throwing people in jail for modifying a device they OWN is madness. Stop pandering to companies which insist on being paid over and over again for the same product. The concept of ownership used to mean something in America, and it should mean something again.

Item 1. Commenter Information

I am providing comments on behalf of myself, Chaz Dash.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should only need to point out one objection to this argument, monopoly. If this goes through, who's to say what they will require us to fix in a dealer shop. I for one will gladly walk all over this copyright with a big grin on my face.Ú Ú The Future of Vehicle Repairs:Ú Dealer:Ú Tire Rotation - \$2000Ú Oil Change - \$3500Ú Brakes and Rotors - \$4750Ú Exhaust replacement - \$7000Ú ECU Replacement - \$10000Ú ECU Upgrade - \$50000 Monopoly is a great game, not a great economy.

Item 1. Commenter Information

I am providing comments on behalf of myself, Chris Colson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When I spend 10k, 20k, 30k, 40k etc on an item I should be able to "own" it and repair it, or alter it to get the best use out of it. To be clear, consumers aren't going to be creating cars based on being able to access General motors software. Customers own the software to the point that they get to modify it for their use however they see fit. If they try and sell it, sure that's wrong and the law won't allow. But farmers and consumers should be able to alter the software of the vehicle like you can tires, or engine, or paint color. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Christopher Minchella.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Since it's inception, the car has been an item that consumers could service themselves. Turning a car into a "service" is blatant cash grab from the motor industry. It's a bullshit tactic and it shouldn't be allowed

Please, for the love of God and all that is holy stop taking away consumer's rights away. Every year we get roped into onerous DRM, service agreements, or whatever the new scam is to take away the concept of ownership and keep us paying into perpetuity for things we used to be able to just buy. This is a violation of everything this country stands for.

Item 1. Commenter Information

I am providing comments on behalf of myself, Christopher Overfelt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I need to access my tractor's electronic systems to repair it. It saves me money to do the repairs myself instead of having the dealer do it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Christopher Phillips.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Automotive and tractor companies should not be able to dictate who is allowed to service the equipment being purchased from them. Independent mechanics should not be forced to go begging to the manufacturers for permission to use their acquired knowledge to benefit others, and car and tractor owners should not have the financial limbo of having an "outdated" version of a car or tractor that they're reliant but can no longer be repaired due to manufacturers wishing to force upgrades on them hanging over their heads. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Christopher Simokat.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Toyota and other car manufactures have fatalities on their hands from their faulty software. Opening the software so that the greater community can review and modify it is for the good and safety of all.

Thank you for your consideration and for your willingness to defend the public's right to choose for themselves.

Item 1. Commenter Information

I am providing comments on behalf of myself, Chris Walker.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Software is awesome in cars but many manufacturers refuse to offer certain features that are commonplace in even newer models of the same car because they want you to shell out the money to upgrade when your current vehicle works just fine but is "outdated" Thank you for your consideration. We live in a modern changing world, if people are not allowed to try new ideas and enact their own change the world as a whole wont be able to progress at the same rate, being limited by corporations.

Item 1. Commenter Information

I am providing comments on behalf of myself, Chris Whaeton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Not having the ability to fix/modify something purchased stifles innovation and protects OEMs ensuring restricted market repair options. Voiding warranty is one thing. Preventing the do it yourself mentality this country is built on is another thing altogether. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Clark Hartsock.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

it is absurd that I should be denied the competitive advantage of optimizing my equipment for my own needs on a several hundred thousand dollar piece of equipment. It is a dangerous trend that is anti open market and pro censorship and illegal oversight for companies (or governments) to impose arbitrary limitations based on their own anti free market or free speech interests.

Item 1. Commenter Information

I am providing comments on behalf of myself, Colum Madden.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

To Whom It May Concern,Ú

I became an Automotive Engineer in Detroit because of the tinkering my father and I did on cars in the garage of our home. \acute{U}

You don't get out of high school and say I want to be a car mechanic without ever touching tools or tinkering with cars in your youth. Ú

What about the integrity of GM not admitting to the public for years and dozens of deaths that there was an issue with the ignition switches. Soon the only place you can have your car worked on will be the dealership and all of the 3rd party garages are going to go out of business. That will be a decline in jobs around the country. Please block these requests from companies to tell customers how to maintain their purchases.Ú Thank you.

Item 1. Commenter Information

I am providing comments on behalf of myself, Cory Malley.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am an Illinois farmer. My work hours are whenever the weather and crop conditions are right. During harvest and planting it is not uncommon for my equipment to run 18 hour straight. Weekends and holidays have little or no bearing on my decision to work the fields. My equipment can currently decide to shut down and I am powerless to do anything about it without my dealership being involved. If they are closed I am sitting on my hands. There is no reason that I should not be able to do field repairs on my own equipment that I have paid hundreds of thousands of dollars to purchase. What is mine is mine. Please do not allow corporations to hold my time and capitol hostage because it makes them more money to lock me into their repair network.

Thank you for your consideration. Cory Malley

Item 1. Commenter Information

I am providing comments on behalf of myself, Cris J.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

See above, replace phone with car, etc etc Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dan Hartman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

the car companies have steadfastly refused to build any kind of protection into the software that their cars run, making them easy targets for hackers. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dan Hood.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

A vehicle purchase is second in expense only to a home. When a consumer commits to years of payments, he is not purchasing just a license to use the underlying software; he is purchasing the vehicle as a whole.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Bullard.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I work as a tech director for a large entertainment venue and multiple live production companies. A core part of my job is the maintenance and repair of multiple physical and virtual systems that use software of varied levels of complexity. Occasionally I will need to update or reset legacy gear that is either no longer supported by the manufacturer or the original manufacturer has gone out of business. In these cases I rely on online forums and user generated code to make the necessary modifications. Allowing manufactures to put locks on access to software and hardware would make my job nearly impossible in some cases. It would also become very expensive for my employer because it would become necessary to replace perfectly functioning gear with brand new equivalents every time a manufacturer decided to stop supporting the software it uses. The current form of the DMCA stifles innovation and in some cases forces people to become "pirates" because of the need to modify equipment that they should already rightfully own. This law was written in the early days of the Internet and much has changed in 17 years. It should be modified to reflect the current state of technology that has become so reliant on software and Internet connectivity. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Casciato.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Once I purchase a product modifying for my personal use should not be restricted. Thank Once I purchase a product modifying for my personal use should not be restricted.you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Jones.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought the car, why can't I use it as I see fit? Thank you for your consideration,

A concerned internet user

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Kulcsar.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My car only supports playing music from an iPhone. However, I don't want an iPhone. I'm happy with my Android phone yet I can't play music from it. And since there is only the iPhone USB plug for my car, I can't choose what device to play my music off of. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Moore.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If you cut hobbyists and tinkers out of autos, you are tearing out the soul of car culture. Shame on you.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Nichols.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Locking consumers out of their vehicle software does not stop people from making harmful modifications; the barrier of technology does that. All it does is hurt consumers and create a higher barrier of entry into entrepreneurship for people who would want to go into business repairing motor vehicles.

Item 1. Commenter Information

I am providing comments on behalf of myself, Daniel Zehner.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to replace my own timing belt, change my own oil, install my own audio system, and make the car that I BOUGHT with MY money MY OWN. Period. If a car maker wants to own my car, they can buy it from me and pay me a fair price from it. Then I will no longer have to do business with crooks like them. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dan Kruse.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Working on your own car is part of the American way of life. Where it's to repair the family vehicle or spur innovation by the next generation of inventors and engineers, we need modern protections in place to allow fill and free access to modern cars. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dan M.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

How does one effectively kill an industry? By attempting and succeeding in stifling innovation, ownership, and pride and joy in one's fruits of labor. Ú

This applies directly to the automotive world, where there are massive markets and profits for aftermarket industries, for the dealers sell OEM aftermarket upgrades, and whole events and industries have evolved around the tuning, upgrading, and car showing world. If I can't enjoy my property, my product, I as a consumer and a citizen of the United States of America am being cheated. I as a consumer get excited when I see a new vehicle, and think to myself "oh what I would and can do to that car to make it mine, to stand out and be my vehicle". This is the argument for modification of new vehicles. But lets say that 20 years from the passing of this court ruling, and my now old 2015 WRX needs a tuneup via a computer flash. Subaru by now has stopped supporting this vehicle in 2035! Is it now illegal to maintain my personal vehicle due to a frivolous copyright on the software? This is an asinine argument from corporations, and yet another attempt to limit consumer rights in a world where there are already limited opportunities to exist in the face of corporate greed. This will put small shops out of business, hurt the freedom of many millions of vehicle owners, and criminalize an everyday activity. The automakers do not know the harm they will do to their own branding. And lets agree with their argument for a second: if i blow up my car with a bad tune, what am I going to do? Buy a new engine from Subaru for 15000. Ú

Ú

Prevent this frivolous claim from becoming reality, protect the consumers and citizens of this nation, and look out for the nearsighted greedy corporations and examine the big picture of what a damaging precedent this will cause.

Thank you for taking the time to collect and review these comments. This issue is representative of the industry of change in the negative direction where businesses attempt to further clamp down on those who use and enjoy their products. Inevitably, these changes will come back to hurt those same businesses but since they are not a consumer they are too far removed to realize this until it is too late.

The American auto industry already survived multiple drives off a cliff only to be saved by a government lifeboat, please prevent the whole industry from attempting to join them on that same lifeboat and sinking the whole damn industry.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dan Stoffel.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Cars are made to break down over time. Why do you want me to break the law fixing something i require to make a living?

Thank you for your consideration and not being a dick and ruining lives everywhere just for your own personal gain.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dave Petersen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Personal property rights are a cornerstone of our nation. Turning the US consumer into what is effectively a glorified tenant is appalling. We paid for our phones/cars/etc., and we are entitled to use or modify our property as we see fit. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Dave Rauschenfels.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

America is a nation founded on builders. Yeah, we builders also repair our stuff too. It is both insulting and comical when the very businesses they I shop from (clearly in error) are trying to arrest me simply for the feat of fixing my car. This joke needs to end. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Hyland-Wood.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I hold five degrees in engineering: mechanical, electrical, astronautical, aeronautical, and software. I utterly reject the position of The Association of Equipment Manufacturers that I lack the "chops" to adjust my vehicle's settings.Ú Ú

Use of copyright laws to subvert experimentation hurts innovation and economic competitiveness.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Lemly.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We need more innovation not less. Make the DMCA less restrictive. Right now it is anti-American. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Mallette.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If we don't fully own our automobiles when we purchase them, then the automobile manufactures should be held liable for any and all repairs associated with said automobiles. We pay thousands and thousands of dollars to own a automobile. Paying that much money for something, we the consumer should be able to maintain our rights of ownership and be able to repair/modify as we see fit as long as all work is within the laws associated with automobiles. This whole copyright thing is just another way for the automobile manufacturers to get more money out of the already cash strapped consumers. What's that saying? The rich are getting richerand the poor are getting poorer.Ú

Thank you for your time and I hope you do the right thing to protect the interest of the consumer. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Miller.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Diagnosis and repair is a basic right of ownership to property. It's a no-brain-er that consumers have the right to modify their own property. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Paige.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It is one thing to sell a piece of software, like a word processor, and have protections on it. But when that piece of software is embedded in hardware, and is an essential part of the hardware, the right of first sale should be invoked, and consumers and businesses should have the right to repair, for instance, a vehicle. This includes diagnostic codes for troubleshooting and maintenance purposes. This should be a permanent exemption.

Thank you for your consideration. Digital Restrictions Management is being used to control too many items which were, once purchased, completely owned by the end user. Embedded software should be sold with the product.

Item 1. Commenter Information

I am providing comments on behalf of myself, David Rains.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a public school teacher, I frequently don't have the budget to send my car to the dealer/ mechanics for minor repairs. Therefore, telling my car that the breathing filter is replaced without having to pay the diagnostic fee (over \$200) that the Volkswagen dealer charges is critical to my monthly paycheck.

It is written in the constitution, Article 1, Section 8, that copyright exists to secure rights to the author "for a limited time." I think the definition of "limited time" is getting expanded much farther than the original writers of the constitution intended. I am a filmmaker, and a working member of the "copyright industry". I want to protect my own works from being stolen, even though I am now a school teacher. However, I don't believe those works need to be in my copyright for 70 years after my death, and I don't believe that if someone did buy my work legally, they should not be allowed to upgrade it from VHS to DVD, or from DVD to their own media server in the cloud. They bought it. They have some rights after their purchase. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, david stansell.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

when I buy something it's mine. I am the owner. When you lose something I'm not the owner I know that. Ú

Ú

So it's time to make it clear whether im buying a car or leasing a car. It's time to make it clear whether im buying a phone or leasing leasing a phone. \acute{U}

Ú

Secrets are horrible. It should be in headlines on each legal documents nuff said Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, David W LeCompte.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want the opportunity to repair my car myself or take it to a shop I choose. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Davitt Barry.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We should be able to monitor the performance of the software controlling the engine to further economize on fuel consumption by sacrificing performance if we want to. Cars are expensive enough without them saying we didn't really buy them. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Derek Smith.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If we can buy, sell, and trade cars/tractors, then we own them. Furthermore, the type of people who would modify a vehicle of their own accord would be expected to only do major changes to a vehicle in order to address existing issues, so the idea that harm would be brought by a large enough percentage of modifications is ridiculous. Why should someone knowledgeable about the structure and operation of a vehicle be barred from fixing it? If a person's customized vehicle does not follow regulations, then nothing changes. They still break the law by not following regulations, so why should all people be barred from such a basic action? Thank you for your time and consideration, and I wish you the best of luck as you sift through all the comments!

Item 1. Commenter Information

I am providing comments on behalf of myself, Dion Damato.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The car or tractor is my property once the exchange (money for asset) is complete. It should then be my write to tinker, modify, reprogram, or otherwise use my property how I see fit. In addition, I think the manufacturers should be required to provide the detailed service and programming manuals as part of the purchase. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Donald Pearson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

To be clear, the only reason these corporations are arguing against individuals implementing any repairs or changes is for profit, and to some extent out of arrogance. Ú

The whole concept is downright silly. History has shown that manufacturers get this wrong. People have died over the course of a decade because GM "failed to make the connection between the ignition system and airbag system". GM has no idea what my capabilities are, and I am not going to sit by and permit any unsafe circumstance that I discover to sit unresolved for a decade, nor would I feel morally upstanding if I sold the vehicle to escape the danger.Ú Ú

The situation that these manfuacturers want to create is a conflict of interest. Only the manufacturer can create the systems, which create the problems, but only the manufacturer can diagnose the problems and repair the problems. Recalls cost money, and manufacturers do not want to spend the money on performing mass recalls when a deficiency is found. We would be unmitigated fools to leave the power of identifying and diagnosing these deficiencies in their hands too.Ú

Ú

The ability for the public to evaluate products is a key point of balance for consumers in our economy.

Item 1. Commenter Information

I am providing comments on behalf of myself, Donald Pohlman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought it I own it. Why do I have to fight for my right to use a product I purchased anyway? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Donna Martz.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am a woman engineer in my fifties. I have written software and designed hardware for a living since 1980. Now certain corporations, such as General Motor assert that if I repair my car I may be liable for a fine up to \$ 500,000 or a jail sentence of up to 5 years in prison. This is patently absurd! How many errors, resulting in recalls, have these corporations made in the last few years. The threats made by taking actions using the DCMA are possibly another means to cover up malfeasance and wrongdoing.Ú

Ú

I urge you to allow ownership of autos and equipment to be true ownership and not merely a revokable license.

Item 1. Commenter Information

I am providing comments on behalf of myself, Douglas A. Burton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When I PURCHASED my current automobile, I did not sign any agreement establishing that the software running it, which is an integral component of the care, was leased or licensed. It is part of the car that I PURCHASED and OWN.Ú

Ú

Consequently, this interpretation of the DMCA is in direct conflict with the Magnuson-Moss Warranty Act, which is enforced by the FTC.Ú

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This act, from information on the FTC website, states:Ú

Ú

"Do I have to use the dealer for repairs and maintenance to keep my warranty in effect? Ú Ú

No. An independent mechanic, a retail chain shop, or even you yourself can do routine maintenance and repairs on your vehicle. In fact, the Magnuson-Moss Warranty Act, which is enforced by the FTC, makes it illegal for manufacturers or dealers to claim that your warranty is void or to deny coverage under your warranty simply because someone other than the dealer did the work. That said, there may be certain situations where a repair may not be covered. For example, if you or your mechanic replaced a belt improperly and your engine is damaged as a result, your manufacturer or dealer may deny responsibility for fixing the engine under the warranty. However, according to the FTC, the manufacturer or dealer must be able to demonstrate that it was the improper belt replacement — rather than some other defect — that caused the damage to your engine. The warranty would still be in effect for other parts of your car."Ú

Ú

Perhaps vehicle manufacturers should be required by law to instead provide or comply with the following: Ú

Ú

Software: "All software required by a vehicle in order to operate in compliance with federal or state motor vehicle safety or emissions laws shall be open-source. Said software or operating code shall be published on a publicly-accessible website, accessible by vehicle identification number. Such code will be certified by the manufacturer, under penalty of fines or criminal prosecution, to match software by which the automobile or farm equipment was accepted for manufacture by the EPA. All changes and updates to this software shall be added to the publicly-available repository and shall be identified by change introduction date, purpose of the change, and whether or not the change was government-mandated or prompted by internal testing by the manufacturer."Ú

Ú

Repair Information: "All information required to perform safe and effective repair or maintenance in order to operate in compliance with federal or state motor vehicle safety or emissions laws shall be made publicly-available by the manufacturer to ensure the welfare of the driving public. This includes, mechanical, electrical, body structure, and all other information made available to the manufacturer's dealer network and technicians to guide the safe, effective and legally-compliant repair of all vehicles sold by the manufacturer for use in the United States." Ú

This interpretation of the DMCA is in conflict with contracts vehicle owners signed in the process of PURCHASING their vehicles. If this had been disclosed at point of purchase, the purchase decision may have been made differently. This is a violation of the "fair trade" concept embodied in the FTC originating statutes.

Item 1. Commenter Information

I am providing comments on behalf of myself, Drew Shoemaker.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As I said in a later statement, my car is MY car, not GM's. It is MINE. I bought it. If GM want's to own my car they can buy it from me at my price. It's odd that we actually have to argue over what the definition of "purchase" is. It means a transfer of ownership between the seller and buyer. The transfer of OWNERSHIP, implying that I, the buyer, now OWN it. Ú Ú

Also as I said below, I will modify my car as I see fit, I do what I want. If GM wants it back before I wish to sell it, they can pry it from my cold, dead fingers. Otherwise, I will do what I want with it because it's mine. Ú

Ú

It seems corporations have become more and more confused by what words mean, purchase apparently means some odd definition from an alternate dimension, just like corporations are people, and Apple patented rounded rectangles. What is next? I have to vomit up the food I just ate because I did not have the authorization to consume the patented genes of the corporation that genetically engineered the wheat used in the bread I just ate? Well, if I must vomit, it won't be over the food...

Item 1. Commenter Information

I am providing comments on behalf of myself, Dustin Jamner.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

While the issues presented by GM and others are real, they are not the concern of copyright law. It is possible that some consumer modifications may be dangerous. However, this is a safety regulation issue and conflating it with copyright protection only serves to further muddy an already overgrown area of the law.

The purpose of copyright law is to protect the ideas of individuals and companies as well as the presentation of those ideas. This enables the monetization of creation and creates a safe environment in which creators can market their work. However, when companies can use copyright law to criminalize the use of personal property in instances where the illegitimate distribution of those ideas is not a concern it has clearly overstepped its bounds.

Item 1. Commenter Information

I am providing comments on behalf of myself, Edward Lemon.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I live in Vermont, a state with a strong agricultural economy. Vermonters are notoriously frugal, because we have to be. There isn't much margin for error when it comes to farming. A law that prevents us from repairing farm equipment that we have paid for is directly harmful to our livelihoods, and can mean the difference between success or failure of a farm in a difficult season.

Item 1. Commenter Information

I am providing comments on behalf of myself, Eli Mapstead.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

First Sale Doctrine. I bought the vehicle. It is mine. I did not buy a license to use the vehicle. I bought the vehicle. Ú

Ú

Bottom line: If I am not allowed to use a product like a vehicle that I purchased in the way that I see fit then the vehicle is defective and the company must provide a refund. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Eric Chevalier.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My parents sold everything they own to move to a farm and support themselves by growing crops and raising animals. They aren't terribly wealthy and rely on an old John Deere. One that my Father has to repair annually. He bought that tractor. It belongs to him as much as any other tool in his barn. Take that away from them and they're no longer able to support themselves. Please put an end to this nonsense.

Item 1. Commenter Information

I am providing comments on behalf of myself, Eric Evans.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Unethical corporate greed, and BS reasons, that deprive the consumer of their right to ownership.

These are all examples of unethical corporate greed, and BS reasons, that aim to deprive the consumer of their right to ownership and freedom to do with their property whatever they wish. Please stand up to them and don't let them fool you with crying poor.

Item 1. Commenter Information

I am providing comments on behalf of myself, Eric Ferguson III TSGT, USAF (Ret).

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Having paid for my Jeep, it would be nice if it REALLY belonged to me and I wouldn't have to worry about going to jail for working on it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Eric Lambart.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I grew up working on cars (changed the water pump in my Dad's truck when I was 8), and although I have little time for such enjoyable pursuits these days, I insist that I should be allowed to. Many people cannot afford to NOT work on their own cars.U

As a matter of principle, I will never buy a vehicle that I am prohibited from working on, or that the manufacturer claims I cannot own.U

Item 1. Commenter Information

I am providing comments on behalf of myself, Eric White.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am a car buff and buy and repair old cars. It turns out that BMWs and other vehicles have been putting chips and software in cars for a long long time, the 1970s. Well, when those chips in the old cars fail, one of the only avenues you have is to copy the software from a good "car brain" from the same year/model and reload it or a chip copy into these old cars. The alternative is the car does not work.Ú

Ú

In later models ... I really want to not get in trouble with the DMCA if I want to change the fuel air mixture for efficiency or performance. It has always been the right of the car owner to modify his own car; I mean look back at the crazy cool cars from the 30s, 40s, 50s, etc. None of that would have been possible if you could not tinker or change up your own car.Ú Ú

Please do not make it illegal for me to work on my own car; give us an exemption.

Item 1. Commenter Information

I am providing comments on behalf of myself, Erskin Cherry.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a strong proponent of technology and education, the ability to inspect and repair equipment legally purchased is required for continued competitiveness for our country. Ú

Cars have always been modifiable by their owners, including in ways that are illegal for public highway use. Adding a computer to the car does not suddenly create a new risk that didn't exist before. We already have and effectively manage this risk while balancing the honest right of consumers to own a product they purchased. Ú

More importantly, the more a car becomes a computer that I entrust my life to, the more important it is that I have full access to ensure it is safe. Companies have already shown an inability to keep pace with the speed of security issues discovered by nefarious parties. Preventing consumers from addressing these flaws for a goal of vendor locked-in profits dressed up as a false safety concern is not only dishonest, it's life-threateningly dangerous. Thank you for your consideration. I recognize that as an active consumer of and enthusiast in this area, there are a lot of details that seem obvious to be purely based on familiarity which are likely a byzantine mess to others. Know that I am grateful for you taking the time to dive into those details and hope that, even if you don't emerge a fellow enthusiast, you better understand and appreciate the details involved.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ethan Madison.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Let's say I don't have the skill yet. How am I supposed to get the skill? By working with the system of the car. That way I can improve the car and possibly tell the manufacturer about the improvements.

Item 1. Commenter Information

I am providing comments on behalf of myself, felix.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My car is mine, computer, wheels, engine and the rest. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Francis X Gentile.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

"these individuals are unlikely to have the requisite skill, experience, "Ú Ú

Just because the manufacturers have made things too complicated is not a reason to say we are too stupid to have rights.

Item 1. Commenter Information

I am providing comments on behalf of myself, Fred Easley.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I can not believe the major manufacturers are trying to prevent me from owning my car! It's already had enough to change tires and fight with the TPMS saying that the tires in the wrong places (well, of course, they have been rotated!). It is not a stretch to say it is expensive to go to the dealer to have this "warning" removed.

Please, support legislation like the Unlocking Technology Act and the Your Own Devices Act, because we deserve the keys to our own products. And support Fair Repair legislation.

If I bought it, I should own it—simple as that.

Item 1. Commenter Information

I am providing comments on behalf of myself, Free Shirt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Greed. 'nuff said Greed. 'nuff said

Item 1. Commenter Information

I am providing comments on behalf of myself, Gaspar Garcia de Paredes.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Even the concept of not owning software, such as a copy of Microsoft Office or Photoshop, is counter-intuitive to most people. With the exception of programs, like Adobe's new creative suite that run under a monthly fee as a SaaS, people generally feel they own what they buy.Ú Ú

The natural understanding of most human beings is that the underlying code of a software program of the code within the computers of their car work are theirs just as much as the steering wheel is theirs. If we compare this to buying a book, most people would feel they are free to tear the book apart, rip its pages, scribble, highlight, and even burn the book if they so desire. Of course that does not mean that they can take passages from the book and sell them as their own.Ú

Ú

Similarly on this issue, consumers "understand" and/or believe that they are free to look at their car's computer, inspect its inner working and tweak as necessary. It doesn't make sense to the average user that something they bought is not theirs. The obvious answer is that they are free to tweak the computer in their cars just as much as they are free to tweak the motor in their cars if something fails.

There is a real disconnect between the traditional understanding of ownership and copyright of assets, goods, and intellectual property and how ownership and copyrights of software is being interpreted. The idea that purchasing software does not make you the owner of that copy of the program does not make sense to most consumers.

The perfect example is digital versus physical books. No one ever thinks in terms of buying a

license when they purchase a Kindle books (similarly with music). You buy the book. Just like you used to buy a paperback or hardcover and its yours forever. Ask the average consumer and his answer will rarely be "I own a license to the books on my Kindle" or a "own a licence to the games on my iPad".

Everyone intuitively believes, even if they are mistaken (given what current interpretations of copyright law seem to be), that they own their digital copy of 50 Shades or their Justin Beiber single.

Item 1. Commenter Information

I am providing comments on behalf of myself, Gay Byrne.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I own a 2011 Toyota Venza which has a tire pressure sensor. I installed snow tires that do not have the sensor, so the dashboard display is constantly flashing a tire problem. My local tire store (a major chain) cannot change the dashboard display because of copyright law. Its my car, my dashboard, and should be my settings to control. I didn't sign a license agreement that separated the software in my purchased car from the vehicle purchase. Whatever came with the car should be mine to enjoy or disable. Ú

Ú

The situation is worse with my husband's Audi. The dealership wants \$800 for a 15,000 mile checkup and oil change. The local mechanic can do the oil change but doesn't stock the filters or the special "Audi Oil". Audi won't sell him the filters or the special oil. This is nothing more than oil change extortion under the guise of copyright infringement. Ú Ú

Gay & Robert ByrneÚ 5 Cranberry CourtÚ North Haledon, NJ 07508Ú ggbyrne@optonline.netÚ rebyrne13@optonline.net Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Geoffrey Lawrence.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I don't know how to handle the problem of automobile software modification; cars are the most prevalent threat to human life in this country. Too little freedom and a day-one exploit allows a hacker to hijack several hundred cars at once causing huge death tolls, too much and individual software glitches could kill just as many. What I do know is this: Just because a car has software within it owned by the company, that doesn't mean they own the car. Hackers, tinkerers, and makers have a saying: "If you can't open it, you don't own it." Help us keep mega-corporations in check. Help us keep the world safe for innovators, creators, and tinkerers. The government is, at this point, the only thing standing between now and a future where corporations can do anything and will do anything for more money. Help us keep greed

Thank you for your consideration.

from consuming the world. Help us write a different path.

Item 1. Commenter Information

I am providing comments on behalf of myself, George Hesser.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

i bought my car, and now I want to modify the engine controller, but it is illegal to do that! We MUST change this so that vehicle owners can modify the cars THEY own even though someone else did the preliminary programming. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Glenn Berden.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I can't have control of my car, then the companies need to provide the car for free. If I pay for it, then I should have the right to do what ever I want to with it. Thank you for doing the right thing. If we pay for it we should own it, I really find it hard to believe that this is even a discussion.

Item 1. Commenter Information

I am providing comments on behalf of myself, Gordon Brown.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The man (or woman) fixing his/her own car is a huge part of American culture - don't take that away. Even short of that, locking down the computer systems on cars will do great harm to independent mechanics and similar small businesses.U

Many areas implement required vehicle safety & emissions inspections - that is where the responsibility for any issues cause by hobbyist modification lies, not with copyright law. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Grant Henry.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have an older Volvo which parts are no longer made for. I save ECU's (the computers which run the engines) all the time from being crushed in junk yards. I do this specifically to save the updated design for retrofitting in place of the older slower units. Volvo/Bosch is deprived of NOTHING. They do not offer this option themselves. It was never offered and never will be. Thus they incur no damages whatsoever. My car just gets better gas mileage and a smoother idle. Changing laws to make repairs forbidden to independent repair shops and individuals is a misguided idea. It means we can't do the research that so often reveals critical safety flaws ALREADY present in these systems. Without the knowledge of these flaws (which manufacturers have little incentive to find) they will likely never be fixed. People have found security flaws in a number of automotive systems that can be exploited by malicious attackers. Lucky for us these researchers were not malicious and were able to use these discoveries to push companies to improve and fix these flaws. Criminalizing these individuals puts us in a world were the only people who would remain willing to do this research are actual criminals who wouldn't mind causing actual harm and have no interest in seeing the flaws fixed. Please consider allowing me to own the things I buy instead of making a disastrous move in the opposite direction.

Item 1. Commenter Information

I am providing comments on behalf of myself, Gregory Farr.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Automotive maintenance is a past-time of many and, arguably, very "American." Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Gzim Derti.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I and everyone else should be able to repair and/or modify anything that we own... Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Gzim Derti.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Cars and tractors have always been repairable/modifiable by the amateur mechanic... This should always be the case. We buy cars, farmers buy tractors, much like modifying a computer with different hardware or other tweaks, cars and tractors should NOT be covered by DMCA... Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, H. Kenny.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We own it! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Harlan Lieberman-Berg.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As it stands right now, I have had to pay over \$1000 more to a dealer to replace a mirror unit on my car, instead of having an independent repair shop do the replacement - solely because the independent repair shop is unable to get the software which allows for you to reprogram the position of the replacement mirror in the internal chip. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Houston Saxe.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have to ask permission to repair something I payed \$60,000 for? What if I never get permission? This is my vehicle and I payed for it. I doubt people would buy new vehicles if they knew that they would have to ask permission to access factory calibrations I order to fix their vehicle.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ivan Hazelton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Without the ability to modify the software, the skills to do it skillfully will never be developed. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jack Coats.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If we are not supposed to be able to touch the internals of our equipment, then don't "sell" the equipment. Lease it, rent it, but if we are told we own it, we should be entitled to modify it as we desire. Ú

Ú

This is not for the purpose of duplicating or selling the item, but to modify it to be usable by us as we desire. Ú

Ú

If we can't modify it, we don't own it. If we own it, let it be ours.

This is about rights of the individual, not stepping on the rights of others, but in retaining rights and privileges that are considered basics in our current society.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jacob W Hayes.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Seriously? You need to know why a consumer should have the right to perform maintenance on their own car? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jairo.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I fear repair costs would go up if I can only bring my car of repairs to the manufacture. I want to be able to do repairs myself. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jairus Brennan.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The Association of Equipment Manufacturers is clearly, blatantly wrong in their assertion that general hobbyists have a record demonstrating they lack the requisite skill and experience to "tinker" with the programming contained in any and all of their devices. Ú Ú

Rather, history has proven over and over again the exact opposite. The Wright brothers were just hobbyists. Nikola Tesla was a just a hobbyist. John D Rockefeller was just a hobbyist. These three, and indeed all hobbyists, tinker with the products in their given market and build something better, or sometimes something new. Ú

Ú

If a fictitious Carpentry and Steelwork lobbying group had been able to keep the Wright brothers from tinkering, where would our flight industry be today? If an Electricity and Magnetism firm held all the copyrights to what can and cannot be done with electical current, would Nikola Tesla have been able to bring AC current to America and the rest of the World? If a competing oil company had held the rights to how oil could be used by the free market, would John Rockefeller have been able to build one of the most successful early-American businesses that not only helped shape our nation, but ship oil all over the market that was so desperately thirsty for it?Ú

Ú

These three examples are no different than the software of today. Once bought and purchased, the purchaser owns, not rents, the software. The freedom and ability to tinker with it allows opportunity for improvements and innovation. Ú

Ú

If these companies desire, they may change their marketing strategy to "rent," rather than "own," their products to more accurately reflect their intentions. Otherwise, this push to retain ownership over something that is sold, is a thinly veiled lie. Ú Ú

Please protect us, the public, to retain our natural freedom to own something once we have bought and paid for it. After that point, it is our right to improve it, or to break it, and that has nothing to do with the original creator, nor Copyright law.

Item 1. Commenter Information

I am providing comments on behalf of myself, James.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Besides the fact, that if you buy it, it's yours. Where's the harm in allowing some tinkering to the software for the benefit of the user either for repair or improvement. Guess what manufacturer if they screw it up and have to come to you for repair. \$\$ChaChing\$\$ Likely cost us more, but if it's a benefit/risk analysis.Ú

So you go on thinking you own the tractor, your wrong in every aspect. You can't take it away or drive it away without being called a thief and going to jail, so forget your ownership notion, and move on to more important things, improving your company/products and quit wasting money on this nonsensical effort to tell your biggest contributors and supporters that you no longer own that \$200K or more piece of equipment. Your going to lose business quickly, over what.

Item 1. Commenter Information

I am providing comments on behalf of myself, James.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I've always changed parts on all of my cars. Usually waiting for the part ti fail, but not always. I'm not the majority of car/truck owners. I like a nice rumble to the exhaust, the sound of an aftermarket intake, rims and tires that suit my taste and the gear changes that make it all work in harmony. With these changes computer programming is required to keep warranties and be emissions legal. I spend my hard earned money on the vehicle and it's parts. It is my ride and not anyone else's. It should reflect and perform how I expect it to. Each person should have the right to modify yheir ride as they see fit. Thank you for your consideration.

If I'm willing to spend my money on my vehicle and movies, is that not a good thing? It feeds the economy, let's me express my own personality and brings joy to me and my family. Aren't we allowed to pursue happiness for ourselves any more?

Item 1. Commenter Information

I am providing comments on behalf of myself, James Law.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

There is a long history of the American Mechanic modifying and improving on the auto manufacturer's products. Large scale auto makers are focused on making a basic product for an average user, and in contrast to their presented views, often do not get vehicle safety standards and environmental regulations correct themselves. This is evidenced by the large numbers of recalls and safety notices they put out each year. The concept that they are the only ones able to understand and make modifications to these systems relies on faulty logic and assumptions. Ú Ú

Changes to the electronic and software portions of modern vehicles are necessary for modifications such as engine swaps and addition of aftermarket components to the engine and exhaust systems. The concept that these sort of modifications, that have been taking place since the birth of the car, should suddenly be impossible due to being unable to modify a basic computer controller is without merit and in no way protects the manufacturer or the general public.

It seems that rather than a tool to protect content creators from unfair infringement, copyright is increasingly being used as a tool to limit traditional fair use by the general public and artificially force extra revenue streams from buyers by enforcing obsolescence via legal threat against honest consumers. Please see these attempts to manipulate and pervert this venerable system for what they are and provide the end user with the rights they deserve as honest followers of copyright.

Item 1. Commenter Information

I am providing comments on behalf of myself, James Wang.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am against the ridiculous notion that accessing my personal vehicle's Ú Ú computer system is being interpreted as a potential violation of Ú Ú copyright. I bought my car and it is paid off now, I do not "rent" or Ú Ú "license" my vehicle. Furthermore, these new proposed rules could Ú Ú eventually make it illegal and impossible to even reset maintenance Ú Ú reminders without paying a dealership. This is an outrageous affront to Ú Ú the idea of personal ownership and is another example of big corporations Ú Ú stepping on small individuals. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, James Willing.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have done my own repairs on my vehicles and yard/garden equipment for as long as I can remember. I also well remember the increasing frustration as more and more electronics was added and less information on how to work and diagnose issues became available.U

This was eased somewhat as the industry established standards, and various diagnostic tools became available for the consumer and small commercial markets. But there appeared to still be resistance from the manufacturers toward allowing access to some parts of these devices that we purchased and own.Ú

Ú

There is no rational reason that a person with a reasonable skill set should have to pay an "authorized repair" facility hundreds of dollars to find out the reason for a warning light on the dash or console of a vehicle or tractor that we paid for and own, especially when the cause can come down to a \$2.00 rubber seal which this same facility would happily charge hundreds of dollars to change.Ú

Ú

Simply enough, I purchase a vehicle of any type then in my opinion I own it and all of the components that make up that vehicle. It is than mine to do with as I wish, regardless of if I desire to make physical changes to the vehicle such as paint or accessories, or choose to change how the engine runs and the transmission shifts.U

I did not buy a computer masquerading as a vehicle, nor did I request the manufacturers to turn vehicles into computers on wheels. That was done of their own choice and for their own

reasons.Ú

Ú

I own older vehicles and equipment as well as some 'newer', although not 'new' by any stretch as I am not inclined to pay the sort of prices that are attached to new vehicles. As I have had the need to do repairs, maintenance, or updates on them I have, when possible acquired the needed tools, skills, and knowledge to perform these tasks. Not every purchased will desire to do so, nor would I expect them to. However, that hardly justifies restricting those who wish to perform such tasks from doing so.Ú

Ú

I have always subscribed to the principle of the 'First Sale' doctrine. Once I have purchased it, it is mine to do with as I wish. I see no reason that this should be changed just for the sake of corporate profits.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jason.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It's mine

I bought it. I should be able to use it how I want. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jason Frackenpohl.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

These items are sold they are not owned by the manufacturer in any part after the sale. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jason Heilman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It would create a monopoly on third-party auto repair on new vehicles. It would also stunt thirdparty innovation and development on new vehicles as well. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jason Meriwether.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If you don't void the warranty, is it truly yours? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jayaprakash Pasala.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am an engineer and owner of multiple cars. I want the ability to repair and upgrade the car that I have purchased. I want the ability to diagnose the issue rather than go through the dealer and not have visibility as to what the problem is but take their word. Why should I not be able to fix what I brought? Ú Ú

Item 1. Commenter Information

I am providing comments on behalf of myself, Jeffery Horrocks.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It hurts American innovation and it hurts our future inventions. Apple was started by 2 guys reverse engineering an IBM computer. Ford was started by a guy that modified a steam engine and attached it to a bicycle. Many of Americas biggest successes and innovations were done by hobbyists unlocking, reverse engineering, and experimenting on their own. Just go to kickstarter.com and look around at what individuals are doing with crowdfunding to prove it. If you don't let people take apart and tinker with what they buy then they don't really own it and if they don't really own it that's communism. With all the electronics in cars today people should be able to bypass or even reprogram them because sometimes to solve a problem you need someone not held back by company time limits and policies. The odds are since car companies are so powerful and greedy, the car that runs on tap water or the engine that gets 1000 mpg and doesn't break down is not gonna come from companies who won't even take the time to make sure their cars don't get millions of recalls. Those innovations are going to come from hobbyists possibly with crowdfunding working on their own projects on their own time with their own American ingenuity and elbow grease. The same way the hot-rod or muscle-car was invented, so will be the renewable car.

If you don't let people do what they want with the things they buy then they don't really own them. American Innovation has always involved Macgyver-type tinkering and that's one reason why this country is so great. Letting all people use things the way only some people intend is not the American way and is tantamount to communism. Please do not write communist policies into our copyright laws.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jeff Vaughn.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I can't afford to purchase access to diagnostic and repair hardware. restricting my ability to fix my own vehicle would hurt me and my family significantly. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jennifer Oatsvall.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

People should be able to fix their cars and tractors themselves. A farmer's time is of the essence when it comes to growing crops. S/he doesn't have time to wait two or three days for a repairman to show up. Crops will go bad and that is money lost in the field. Not to mention smaller farmers can't afford a repairman every time something breaks. And let's be honest, all these fancy sensors on cars and tractors is what sends them to be fixed most of the time. I used to know family mechanics who could fix my car. Now every time a sensor blows it costs \$500 to fix the car. That's ridiculous and unnecessary. Even my dishwasher broke due a sensor malfunction. A year old. I'm tired of shit breaking and not being able to take care of it myself. If manufacturers are going to build sub-par product, then give us the means to fix the crap they're selling us.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jesse Schmidt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I repair my own vehicles. Dealers want way too much. Those of us whose shoulders the big guys stand on earn enough to have the dealers service their vehicles. The rest of us have to make due with what we have.

I feel that if a company wants me to buy their product, that I should be able to use it how I see fit. If that is in the manner that it was designed, great. But in most cases with electronics, I'm finding alternative uses for things. There shouldn't be a law in place that keeps me from using a product in the way that I see fit.

Our law-makers like to meddle in places that they know nothing about. Why do they think they need to make these laws to protect big companies? Because that's where their re-election dollars come from, that's why!

Item 1. Commenter Information

I am providing comments on behalf of myself, Jim Auten.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Are they out of their minds? Do I have to drive the car on only the roads that are authorized by the manufacturer? Do I have to pay extra to drive on a competitors roads? Completely ridiculous!

Item 1. Commenter Information

I am providing comments on behalf of myself, Jim Heaton.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I had a new 96 Ford Taurus SHO with a brand new ECS V computer (ECU) the car would stall out at random and Unsafely occasionally at idle, such as at a traffic light on a high speed street, where traffic soon would approach me stalled in the fast last while they were going 50+mph. Ford dealers nor ford could find the problem.Ú

Ú

I disassembled the machine code for the undocumented, modified 8051 controlling the engine, determined from the instructions I could figure out that the engine routine that determined whether the motor was running was using a certain RPM value, but that with 0 cold weight viscosity synthetic oil (new on the market at that time), the engine idled too close to that value. Ú Ú

By determining that the engine code and settings were inappropriate for safe operation using this new synthetic oil, I determined that it would be safer to switch to a thicker or non-synthetic oil. Ú Ú

Once I did this, I never stalled again. The OEMs would have you believe they are the only ones who can figure out such complex systems. They are quite wrong - they struggle themselves to figure out that a spring wearing out in a switch can cause deactivation of airbags. Ú Ú

Don't believe their absurd story that they are the only smart people who can fix cars. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, jimmy powell.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I purchase my car knowing that I can fix them with parts readily available at the local parts store that share manufacturer part numbers. I have the right through the first amendment to express myself, which I exercise by working and modifying my vehicle and my car manufacturer has nothing to do with that. If the manufacturer didn't want us modifying our vehicles or repairing them then why do they offer a parts sales counter to sell me said parts? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, jmk.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Tinkering has spurred innovation in America for centuries. Now, thanks to poorly designed legislation, we're going to handicap US consumers and future generations. Countries like China and India will have the opportunity to leapfrog the US because their people will have the ability to develop new and innovative ideas in the equipment they own, while US citizens will get fined or thrown in jail. Please fix this.

Item 1. Commenter Information

I am providing comments on behalf of myself, Joe.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to own the product I paid for , if that includes software then i own it. I should have the right to legally modify and part of the equipment. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Cason.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

There are plenty of good programmers out there that are capable of modifying the software in their vehicles. I bought the vehicle, I should be able to modify it. I can modify physical parts, I can replace the stereo, why can't I modify the software. If I make a modification and it causes a problem with a vehicle, the manufacturer will be able to tell its been modified. Thats fine. It lets them off the hook. But I should be able to do whatever I want with something I have bought and paid for.

Thank you for your consideration. Please remember that consumers pay for the products they buy. They are entitled to use them in what ever manner they choose. This idea that the manufacturer still owns the products I buy is patently unfair.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Hurt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My daily driver (Dodge Magnum) was having a terrifying issue where the car would randomly turn off for half of a second. The first time this happened was while I was driving home on the highway through an Ohio blizzard, not a great time for any sort of car troubles. The intermittent stalling continued to happen over the next year as I ended up going to three different dealerships close to me (one as far as 25 miles away) to find a resolution. After putting up with this issue for over a year with no end in site, I realized I either had to sell the car (but couldn't in good faith due to the severity of the issue) or find and fix the problem.Ú

Despite the efforts of the dealerships who over the course of a year had my in their garage for around two months I was no closer to a fix. In the end, I had to do all the required research as well as foot the bill for them to finally make the car safe to drive again. The final result was a faulty ECU that would crash when the car attempted to save fuel by disabling four of the eight cylinders in the engine for fuel savings. The final result was also a bill over 800 dollars to replace the part and have it reprogrammed by the dealership.Ú

I am incredibly opposed to having even slightly limited access to work on or diagnose issues with my car. From my direct experience if I was only limited to the technicians at the dealership I would still be driving an incredibly unsafe vehicle.Ú

Ú

Lastly, in specific reference to the claim of hobbyists being misinformed and making their vehicles less safe, I've found just the opposite to be true. The enthusiast hobbyists helped lead me to the answer while the dealer was still clueless. The mechanics were far less educated in

how the computer systems worked (and in one extreme case removed an OBD bluetooth diagnostic tool from my car for not knowing what it was). As I noticed while going through my troubleshooting process, this is simply a way to corner the market and actually greatly detracts against safety.

Item 1. Commenter Information

I am providing comments on behalf of myself, John.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The equipment manufacturers allegations that individuals will alter the programming to race and improve performance of the equipment is short sided. Environmental laws are enforced by the EPA and if an individual wants to break those laws and alter the programming, they are going to do it with or without the copyright. This law is an attempt by Equipment Manufacturers to knock the legs out from under legitimate innovators who have made this country great. Not all programming is aimed at performance and racing but monitoring the equipment with better gauges and improving fuel efficiency by recommending throttle adjustments. These computers/ programs should also be made accessible for 3rd party system automation, which builds onto the existing system making them more safe, improving longevity, and more environmentally friendly as well as adding automation of other 3rd party devices attached to the equipment that work to optimize the purchased equipment and devices by synchronizing functions. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, John M. Archer.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I literally (LITERALLY!) put my life in the hands of *your* software every time I drive. If you have a problem with me having final say in which software I put my trust in, maybe you just shouldn't install software on my vehicle.Ú

Ú

Actually, I love that idea. Keep your filthy proprietary bullshit the fuck out of my car and we won't have this problem. Ú

Ú

Failing that, don't you *dare* tell me that I'm not allowed to modify a vehicle that I paid \$40,000 American dollars to own. Again, perfectly happy to accept limitations in what *I* can do with *MY* property if the fact that it is not, in fact, *my property* is correctly reflected in the price tag.Ú

Ú

I expect to see "my" brand new GT500 in my driveway very soon--for the properly subsidized price of, say, \$10 grand?

The fact that I'm writing to request *exemptions* in copyright law for this case makes it clear to me that the entire legal concept of copyright, as it is presently interpreted, is deeply and fundamentally flawed. In theory, because I work as a software developer, copyrights provide the very basis of my income--of my whole *life*--and yet I am ashamed to be associated with such a disgusting body of legislation.

The American people are asking you to work with us to *fix* this law. Just remember, if you can't work with us, you *will* be replaced with someone who can.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Mahoney.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It is crazy that I cannot work on or tinker with an automobiles software? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Mullins.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a car owner I have always had the right to repair my vehicle at home if I so chose. With the current climate of copyright law I no longer am given the right to fix the vehicle I paid for. We as a country have traditionally owned the physical objects we paid for. That is a tradition I support and wish to continue.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Paine.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Restrictions on software prevent me from utilizing cost-effective means to improve mileage and to secure my vehicle from hackers. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Seekins.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The argument made by the Association of Equipment Manufacturers is specious and intellectually dishonest. $\acute{\text{U}}$

As an example, I have a degree in computer science and currently work as a developer at Oracle. If I wished to work through the programming in my car to alter (or correct) behaviour, I *certainly* have the chops to do so. There are easily tens of thousands of others with similar qualifications who could also work on the internals of their cars safely. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, John Watts.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When you own the car you should be able to modify it legally to perform maintenance and upgrade parts that can perform better. Thank you for your time and consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jonathan Teixeira.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I own the car, I should be able to fix the car. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Jon Matchi.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The manufacturers are not the only engineers in the world. Although they may look to be after preventing access, a computer remains a machine and consumers have always found a way to G fix and even improve their vehicles. Why change history? For what benefit? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, jon parker.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a developer by trade I have the chops to modify existing software to improve the software to do something other than what it was intended for. In fact this is how I view innovation. If I can take what someone has already done and improve on it, then that takes the whole concept further than if I hadn't contributed in the first place. Please allow me to tinker with a device that I already purchased. I'm purchasing it for more than just to use it as is, but to find new and interesting ways to solve problems that are unique to me. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Joris Peels.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to actually buy things and actually own them. I want to improve things. Thank you for your consideration. If brick manufacturers did the same we would not be able to build houses or repurpose a brick for a Barbque. We could not turn oil drums into instruments or ever truly own the things we buy. This is a greedy land grab by companies.

Item 1. Commenter Information

I am providing comments on behalf of myself, Joshua Bloch.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have maintained our family's cars for many years. It has become more difficult to work on recent vehicles, not for any fundamental reason, but because the manufacturers of those cars create software "roadblocks" to make it difficult for me to read diagnostic information from the cars' computers and to adjust software parameters. The only people who benefit from this state of affairs are the manufacturers. I sincerely hope the Copyright Office approves the EFF's Vehicle Software exemption request (Docket No. 2014-07), allowing us to keep our cars safe and comfortable without paying monopoly rents to their manufacturers.Ú

For example, when I change the oil on my 2010 Porsche Boxster S, I cannot reset the "oil service indicator light. The same applies to independent garages, because third-party tools are unable to perform this simple function. If I went to the dealer to have them reset the light, they'd charge me \$125 for this trivial service, far more than the cost of the actual oil change. Therefore, I simply leave the light on after I've changed the oil, and ignore it. This is not a good state of affairs: it requires careful record-keeping in order to ensure timely service. This may seem trivial, but it's one small example of a large problem.Ú

I also maintain my wife's 2000 BMW 323iT station wagon. When it came time to replace the warn out seats, I bought a fine set of used power seats to replace the old manually adjustable ones. But the car didn't provide full control over the new seats until I "coded" the computer appropriately. Again this cannot be done without proprietary computer-based tools, and a BMW dealer would have charged me a hefty fee to perform this simple service. Ú Ú

In this case, however, a small entrepreneurial company in Germany sells an app that gives Android phones control of the BMW's computers, allowing anyone to perform repairs and coding (http://www.ivini-apps.com/apps_detail_bmwhat_android.html). The cost of the app (\$58) is far less than a BMW dealer would charge for a single use of their proprietary tool. It has been a real boon to me. The app was written without assistance or blessing from BWM, and required plenty of reverse engineering on the part of its authors. I believe it's no coincidence that most such apps and tools come from companies outside the US: US companies fear that they'd be prosecuted under the DMCA for selling such tools, so they don't compete in this area. Ú

I've been able to keep my older cars young by replacing their in-car entertainment systems with aftermarket units that support such features as Bluetooth telephony, streaming, and USB. These units are powerful and inexpensive because there is a competitive market for them, enabled by standard physical and electronic interfaces. I cannot do this to my 2010 Boxster because it uses cryptographic keys and proprietary interfaces to make it nearly impossible to integrate aftermarket electronics (or even Porsche-made units that did not come with the car). The DMCA presumably criminalizes circumvention of these locks. As a consequence, our newest car has the oldest and least functional in-car entertainment system.Ú

In their comments, John Deere took a condescending tone toward independent and amateur mechanics, noting that circumventing protected technology should be "against public policy because individual vehicle owners do not have the technological resources to provide safe, reliable and lawful software for repair, diagnosis or some dubious 'aftermarket personalization, modification or other improvement' that is not directed toward repair or diagnosis of the vehicle." In my experience, this is flat-out wrong. OBD-II ports provide a wonderful source of information to help car owners maintain and improve their cars, even if they choose not to service them themselves. The ability to read and understand the information provided by these ports gives car owners the ability to know what's wrong with their cars, and helps them to keep their mechanics honest. Also, these codes give owners and mechanics the ability to describe symptoms and repairs precisely on the Internet. Coupled with high-quality Internet search engines, these codes have given me the ability to easily repair problems that I couldn't have tackled in the past.Ú

Ú

In summary, ordinary people are still perfectly capable of repairing their cars and other appliances, but modern control electronics make it easy for manufacturers to prevent them from doing this. Manufacturers have obvious economic incentives to engage in such behavior. In a perfect world, manufacturers would be *required* to furnish their customers with the protocols that allow them to maintain and repair their own cars. Sadly, the anti-circumvention provisions of the DMCA have precisely the opposite effect: they make it illegal for third parties to painstakingly reverse engineer these protocols, and to sell tools that allow people to maintain and repair their own equipment. The EFF's proposed exemption would mitigate this sad state of affairs.Ú

Item 1. Commenter Information

I am providing comments on behalf of myself, joshua hanna.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

40k for a truck that I cant work on. Out of control. Think ill start taking the bus. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Joshua Kutac.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought it. I don't care what is running on the service, I bought it. Stop taking away my ability to use products I have purchased. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, JP Tiger.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Not allowing me to modify the internal parts of a vehicle I own, in a street-legal manner is akin to a waffle iron company telling me I can only use their waffle iron to make waffles and not any of these delicious recipes. http://www.buzzfeed.com/roamingrosie/25-things-you-didnt-know-you-could-cook-on-a-waff-h90iÚ

Ú

Included in that list are delicious items, like waffle cinnamon rolls, waffle brownies, waffle hash browns, waffle grilled cheese and even waffle Thanksgiving stuffing with gravy. Ú Ú

Don't take away my ability to experiment and innovate with products I own. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Juan Cabrer.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My Toyota Prius 2010 has a brake problem. I can demonstrate it by simply driving over the train tracks near my house, pressing the brakes, and making a left turn. The car will accelerate momentarily. What I cannot do is decompile the firmware, and show someone where the root of the problem is. Toyota will continue to deny there is a problem, since there aren't tgat many people with the skills AND inclination to uncover the evidence, at the risk of being sued. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Julie Williams.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Farmers are an essential part of American ingenuity, and should be allowed to repair their own farm implements. This self sufficiency has been the backbone of American values that often gets thrown around in political rhetoric, so please protect the real world implications of that lifestyle. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, June Arnett.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When you buy and pay for an item, Car, DVD, Stereo, Motorcycle, ect. it is legally yours when you sign the papers. Therefore you should be able to change anything you want on it. This is control out of control. I will do what I want, when I want if I have paid for it, it is MINE to do as I please. Thank you! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Justin Burr.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

American innovation is built upon the backs of tinkerers and hobbyists. Consumers should have the ability to study modify and enhance the computer code in their personal autos. A consumer is not going to provide a commercial threat to the auto industry. Neither will the consumer discover any proprietary information that is not already known or obtainable by industry competitors. The prime reason that the automobile should remain open is to prepare the next generation of engineers. I guarantee that many engineers of the past few decades gained interest in the field by watching and helping a family member or friend with the repair of a car. Interest in engineering can form at an early age and is aided by positive hands on experiences. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Justin Melkus.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Allowing auto makers to continue to restrict the rights of car owners leads to increased prices. As the ability to repair and tinker with a car you own becomes more constricted in the manufacturer, the barriers to entry will drive out independent repair shops. We will soon all be forced to take our car to the dealer to be repaired or nowhere. Such a monopoly can only increase prices. We all already know it is always more expensive to have a repair done at the dealer than at an independent repair shop. Such limitations on ownership will one day too expand beyond "implied" licenses to actual ones. Future car buyers may only buy a 10 or 5 year license on a car. This is not a world we want to live in, where everything we think we own is only on loan to us by corporations.

Thank you for your consideration. I hope you will decide against this proposal and any similar acts and side with consumers and CITIZENS, not corporations that want to further restrict our ownership rights.

Item 1. Commenter Information

I am providing comments on behalf of myself, Keith.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Why would it be ok to repair physical parts of my car, or add aftermarket parts, but not be able to do the same to electronics, like changing the operating system or functionality of the radio? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kelly Parker.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Once the item is purchased, we should not be prevented from seeking free market repairs. Software costs are built into purchase price - there should be no need to lock the software indefinitely.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ken Radditz.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I own my Tractor/car and should be able to modify it to perform how I want. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kevin Calman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The idea that no one other than the OEM has sufficient skill to modify the hardware, firmware, software, or services that are bundled with a vehicle is patently false and designed specifically to suppress innovation. The current state of the internet and the Open Source movement disprove that assertion. The consumer should be able to legally modify any hardware they purchase, with the understanding that doing so releases the manufacturer from liability for the performance of the aspect of the product that the user has modified. Thus, applying an update to the GPS database should not shield the OEM from hardware failure of mechanical components, for example.

Generally all these issues come down to liability: should an OEM have the right to control how a product is used after the sale to the consumer? To the extent that user modification of the product may have the effect of increasing the liability of the OEM, the user should bear the burden of that modification. The OEM should not have the ability to prevent users from exercising that right to protect themselves.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kevin Lepard.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

An automobile purchase, contrary to the claims of GM, includes everything involved to operate the vehicle. Modifying cars by owners goes back to the origins of cars. Automakers should not be able to use the DMCA to lock owners out of their own vehicles. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kevin Oeste.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We perform modifications to antique and classic cars. A very popular trend is to install a much more efficient and environmentally friendly drivetrain from a modern car into older cars to improve drivability, reliability, and economy. These include engines and overdrive transmissions that are all calibrated for use in their original installation. When retrofitting, we must recalibrate the control system software so that the optimal fuel and ignition settings are maintained so the car does not run to "rich" or "lean" due to a different air intake or exhaust system in the older vehicle. We must also recalibrate the transmission controller for optimal gear shift RPM for a different tire size or final drive ratio. Our goal is always to make the new installation run as efficiently - and as cleanly - as the O.E. install. After all, the proper tune ALWAYS equals the best performance. Restricting our ability to modify the factory calibration would hinder our ability to make these conversions run safely and properly, and crush an enormous industry. The "Big 3" automakers - GM, Ford, and Chrysler - all profit heavily on the sale of "crate" engines and drivelines... new models sold for express purpose of installation into older vehicles. Some are packaged with pre-programmed control modules, but even those require tuning, as the OE cannot predict the intake / air filter system design or exhaust characteristics of an aftermarket install. We would imagine they would be opposed to any restrictions in recalibration, as running these engines with an improper tune leads to broken engines and warrantee claims. For these reasons, we oppose restricting the ability to modify / recalibrate software. We don't want - or claim - to own the software in any way... we just want to make things work as designed.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kirk Brooks.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

A manufacturer should not be allowed to sell a vehicle or machine that depends on programming to perform without allowing user modifications to that programming. Further, in the cases where modifications may impact the safety of the vehicle these should be documented to allow modifications without unknowingly compromising safety. Ú Ú

The arguments to the contrary, that closed, proprietary software are in the consumer's interest are disproven by examples from the open software community. A primary concern as a consumer in such a situation is in guaranteeing the safety of the vehicle from being hacked maliciously. In a proprietary system the consumer has no choice beyond the vendor for assessing and ensuring the security of their system. The vendor, a corporation, has it's primary concerns, indeed it's fiduciary responsibilities, to it's stockholders. It's customers, and our needs and concerns, are business matters and always secondary - PR statements notwithstanding. The consumer has no independent means to verify the claims of the vendor with regard to efficacy and safety beyond the vendor's own claims. This is especially true when vendors go so far as to claim protection from their products even being tested. They can not have it both ways. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Kyle Meeks.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Some of my earliest memories of spending time with my grandfather are the two of us driving several hours to a tractor salvage yard to find a part that was necessary to get our Farmall (or the Massey-Ferguson or even the ancient John Deere Model B) working again. Being a small farmer (under 200 acres) that rented our entire livelihood depended on being able to pinch every penny, and scrape everything we could to make the farm work. Were he alive today and still farming, being unable to perform simple maintenance and repairs on his equipment would assuredly put him in financial straits that would ultimately kill his livelihood. It's also against the entire idea of farming, making something from nothing and working your ass off to succeed where others wouldn't even try.

Item 1. Commenter Information

I am providing comments on behalf of myself, Larry Jean.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

This is insulting at best, and is against both history and the "exceptionalism" of Americans. I own older cars & tractors (two of each) that I am restoring and find I am stymied when attempting to investigate, modify, or update the software. GM, Ford, Chrysler have not a leg to stand upon except their own insolence & demand they control all potential profits. It is understood that, if access to the software is allowed, liability goes with it, like Hot Rods were in the late '30s & 40s.

We live in a republic, not an oligarchy, and we do support intellectual property, when reasonable. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Lawrence Evans.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I buy product free and clear, not rented or leased, I should be free to alter my property any way I like. businesses don't need to be retaining partial ownership of a product unless they openly state it is not an outright sale but a partial ownership between you and the maker. but, When the sale is implied as it being sold to me as the owner of any product they should have no say in what a person does with owned property.

Thank you for your consideration. Please ask the question of what it means to be an American and what was the ideals this country founded from. Them make the policy you put us all under mirror that answer

Item 1. Commenter Information

I am providing comments on behalf of myself, Leslie Bloomer.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I object to being locked out of the ability to tinker with my car. If I've bought my car, my mechanic should be able to access the computer for repair. It's about fitness. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, l r.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If cars can only be repaired at facilities that are not owned by the car vendor, competition will be greatly diminished and car repair costs will climb. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Luke Bockman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Not being able to repair a car you bought with your own hard earned money is completely absurd.

Item 1. Commenter Information

I am providing comments on behalf of myself, Marc A. Lee.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

People who don't have these skills KNOW that they don't, and don't want to tinker. Those that do have the skills should not be prevented from using them, increasing them, and innovating with them!

If I buy an item, I want it to be MINE. If there's anything in it that a manufacturer does not want me to own, perhaps they ought to TAKE IT OUT!

Item 1. Commenter Information

I am providing comments on behalf of myself, marian.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to use alternative fuels which is impossible without access to programming cars computer.

Please bear in mind that your children will be living in a world you help to create. Please dont let them live in locked down world full of fear of surveillance and possibility to go to prison for trying to be creative or for attemting to invent something new.

I am not from US but it is very important what happens in your country, because whole western world usually copies or makes similar decosions like USA. Please bear in mind the responsibilities you have.

Please excuse me for entering nonexistant address, but as i told allready - i am not from US and the form does not have any possibility to enter my country. The email address i entered is genuine though.

Item 1. Commenter Information

I am providing comments on behalf of myself, Mark Encinas.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The cost of repairs, even minor ones, on my vehicleÚ can be very expensive and if delayed can be detrimental to the vehicle being operated safely. I do as much repair and maintenance as I am able to so any restrictionsÚ placed on that ability is a burden. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Mark Grigsby.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I would certainly like to argue that dealerships against this seem to gave problems understanding their cars as well. If they understood their own cars there wouldn't be any recalls nor would dealerships charge unbelievable prices for simple repairs Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Mary E Tyler.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Car Culture has been a defining characteristic of American for over 100 years. Tinkering is part of what makes Car Culture what it is. I remember spending many happy hours bent over the hood of my '65 Ford Falcon with my Dad, or listening to him cuss our old Farmall C Model tractor. The very idea that car and tractor companies might argue that a car OWNER or tractor OWNER doesn't have the inborn RIGHT to tinker with "software" underlying a vehicle that he (or she) OWNS is flatly UNAMERICAN. Car Culture is American Culture. Tinkering is inherently American. Ú

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My father must be rolling in his grave. Ú Ú

The idea that a car owner, or tractor owner, can't possibly have the requisite skill to tinker with software is silly. Farmers these days have college degrees. Almost all college degrees include introduction to programming courses. Having taught an Intro to Programming course at Carnegie Mellon University (One of the Foremost Universities for Computer Science in the US), I can tell you, once you learn to program, programming language becomes a formality. You can learn another programming language, another architecture, if you need to, the concepts are there. Programming is programming. Any college educated farmer likely knows enough to teach himself what he needs to know to tinker with the software underlying his tractor... and if he doesn't, it's not like there aren't 25,000,000 geeks for hire on the Internet. If you open it up, they will come.

I am a law-abiding American housewife, age 44, and I buy and consume media of various types. I vote in every election and am politically active.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matt C.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When purchasing a machine with compute controlled parts, we should have to right to repair, and replace items at will. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matthew Braun.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Access to the underlying software need not only be for modification: opaque systems are used to limit consumer choice to "approved" service facilities where approval is a function of cash vs. ability. Repairing, modifying or accessing diagnostics and logging data should all be open to owners of equipment or else the owners risk being restricted to service providers that are not operating in the owner's interest. Furthermore, costs associated with service provider partnership with a manufacturer are sure to be passed along to the customer. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matthew Champagne.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to work on machines that I own. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matthew Rossing.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

"Life, liberty, and the pursuit of happiness" Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matthew Schoendorf.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

With the volume of car recalls that occur today due to manufacturer error, it is obvious that customers need to be able to repair their own cars in the event where it may be necessary. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matthew Wigger.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Enforcing DMCA laws on vehicles will not only be harmful to consumers, but to private businesses as well. If this becomes law, what will prevent future laws from passing that make it difficult for me to take my car to a private mechanic instead of a dealership's mechanic? Prices are almost always more expensive at dealership mechanic shops and aren't as convenient as taking your vehicle to a private mechanic. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matt Neilsen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I fear that buying a new piece of equipment car or any other mechanical machine will come to the point that unless you pay the fees of an 'authorized' shop to even diagnose a system error or warning, we will be right back to simple inefficient machines. COmputers and the way they can improve a mechanical process is immense, if we as the consumer purchasing these new products cannot do the maintenance and repairs on our own, the economy will not invest in the new businesses and vendors equipment but simply keep old inefficient machines and invest no further into any new developing business. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Matt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

American consumers are already protected from themselves by a slew of regulatory agencies whose laws and administrative rules prohibit the types of outcomes that automakers have said will happen. \acute{U}

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The pattern and colors of a flag are a "code" that was created by the United States of America. Imagine if the US Congress declared that while Americans were allowed to own flags, they will now only be allowed to use them in certain situations, and that no "flag like" material will be produced from any non-approved sources. Ú

Ú

Flag burning is reprehensible, but allowed in this country as a manner of speech. Stop using the DMCA as a wedge between Americans and freedom.

Item 1. Commenter Information

I am providing comments on behalf of myself, Michael Brown.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Modifying software or hardware on any product should only void a warranty. Copyright law should NOT used to limit the ability to repair or improve ones property. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Michael Maskalans.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It's bad enough that dealerships charge hundreds of dollars for simple diagnostics the take only moments with a plugged in scanner. To say that consumers do not even have the right to access these systems and information is ludicrous.U

Manufactures' claims that fair use of their systems by vehicle owners could lead to illegal activity should not be an issue for the copyright office. For example, potential violation of emissions regulations is already covered by EPA regulations. Ú The right to repair one's own vehicle must be respected!

Item 1. Commenter Information

I am providing comments on behalf of myself, Michael Miller.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Restrictions on the ownership of vehicle software, after the purchase has been lawfully executed does nothing to help the average consumer. Those who want to modify this code and make changes, for illegal purposes will do so regardless of laws and regulations. Additionally, these illegal modifications are policed by other laws. If the objective is to provide essentially a lease on a vehicle, rather than a purchase, then these manufacturers should be forced to provide the option of purchasing that has their code and devices removed. In addition they should provide an open platform or standard for replacing the removed code and devices in question with aftermarket parts. Otherwise the manufacturers should pay a royalty to me for using and essentially advertising their products. Ridiculous right? Well so is the argument to their argument to this exemption.

Item 1. Commenter Information

I am providing comments on behalf of myself, Michael Zyphur.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Each of these issues cannot be considered in isolation or in relation to a limited narrative about one or a specific set of cases wherein the overreach of restrictive copyright law inhibited an activity and/or innovation. There is a macro-social cultural impact of restrictive copyright laws that disempowers individuals and groups from free expression and creativity. The destruction of individual liberty and generative, emergent forms of expression should not be understood on an issue-by-issue (or product-by-product) basis. It should be understood in relation to the balance of power and its dynamics across individual citizens versus large, wealthy, and lobbying corporations. Limit the DMCA and its inhibition of free creation and expression, as this relates to cell-phones, car and tractor repair and modification, remixing media, using new servers with legacy games, and the use of custom 3D printing filaments. Ú

Ú Sincerely,Ú Ú Michael J. Zyphur, PhD and US CitizenÚ Management & MarketingÚ Business & EconomicsÚ University of Melbourne

It is not merely innovation that is being stifled here, it is also freedom of speech and the liberty to creatively use the material and non-materials things that one owns. Limit the DMCA for the sake of the first amendment if nothing else.

Sincerely,

Michael J. Zyphur, PhD and US Citizen Management & Marketing Business & Economics University of Melbourne

Item 1. Commenter Information

I am providing comments on behalf of myself, Mike Behnke.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I like to be frugal, and one of the best ways to be frugal is to attempt to repair your own vehicle whenever possible. Being locked out of the software makes that impossible, and gives me the choice of breaking the DCMA to be able to modify the software anyways or paying money for something that I could have done myself. The idea that tinkerers don't have the "chops" to do this stuff themselves is ridiculous.

Item 1. Commenter Information

I am providing comments on behalf of myself, Mike Parks.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Stop screwing over citizens in favor of huge multinational corporations. Repairing my car on my terms means freedom of choice when it comes to using my consumer products. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Mike Thomas.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Give us back our rights! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Minna Bruna.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The sale of a vehicle is the sale of the vehicle. Just because some software in other industries is sold using licenses, that does not somehow change the relationship between car company and buyer. The software is mine to do as I please, as are tires and engine. If I break the law using the software, or the tires, or the engine, then the agencies with the authority to catch and punish me are not the car companies, but rather the US government authorities such as the police and DMV. Efforts to sneak control and ownership in perpetuity are a violation of my rights as the person who purchased and owns the vehicle. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, mitch edgar.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a self reliant and mechanically minded individual I feel that allowing software restrictions on vehicles of any sort is a violation of my privacy, especially when data collected by said vehicle is being sent without my knowledge. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, mitch.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I would be able to still hold faith in how technology is structured for farmers if they could modify old equipment and fix new stuff too. Though at this point I'm hoping open-source farming solutions take over. I'm a big proponent of being able to work on your car and I don't think proprietary code should get in the way. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Monica Kohler.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Purchasing a vehicle is not licensing a vehicle. I want to be able to use the repair person of my choice, not necessarily the dealer.

Understanding the desire for consumers to use products as they were intended, and the fear of litigation, a contractual agreement of exchanging money for a product should not be constricted by the selling party.

Item 1. Commenter Information

I am providing comments on behalf of myself, m.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We buy it we own it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, N. Currah.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We purchase our cars that include ALL material in them. How dare General Motors who required our monies to bail them out tell us we do not own what we have been forced to pay thousands for. Ú

These restrictions are tad amount to having a car company dictate our lives what we can and can not do, how we do what we do and when. Since when to corporations run our legal system? These type laws are absolutely unAmerican! A coup by any other name.U

I personally will never buy General Motors again. I will shop used, the older the better. Americans do not take orders from corporations and we never will. Sooner or later these companies will simply demand their way into irrelevance. Killing the very base they need to buy their product is the stupidest business model yet..thus these copyright laws..demanding we dance to their tune to remain relevant. Forget it. We refuse to dance for ANY corporation. Keep your stuff..we will find another way or walk.Ú

Incidently, we pay yearly taxes to drive our personal property in my state. Perhaps these software companies would like to pay their portion of said taxes as apparently we do not really own our property. A rebate to start would be foremost to secure necessary investment was made. Thank you for your consideration.

We have watched as technology has literally transformed the world into a cesspool. Entertainment may be one thing, but people's fundamental needs, transportation, utilities and food are quite another. No where were the people of this country told that technology would be standing in for law, common sense and reality. These copyright laws are naked theft of what has already been purchased and completely turn upside down a model of person property safeguards this country was originally built on.

We put down our money, purchase products and pay taxes. It is not our responsibility to keep corporations in gravey paying over and over and over! We are not obligated to bail them out or keep them viable..that is up to them. These copyright laws are unAmerican and built on fraud, corruption and theft!

Item 1. Commenter Information

I am providing comments on behalf of myself, Nabil Alsharif.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I pay for the car and there for I own it and am responsible for it! If I choose to make repairs and modifications that is my free choice. I wouldn't hold a car manufacturer responsible for a flat tire and in exchange I expect the freedom to fix said tire. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nathan F Kraemer.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We need more capability as an owner and consumer to be able to monitor the health of our vehicles to minimize total cost ownership. I currently monitor some limited features of my vehicle using an OBDII port, but tractors have less options and cars will go that route. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nathan Horne.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

To allow corporations such as John Deere and General Motors to persist in claiming that they are the true owners of vehicles and farm implements will only cost consumers like me more. If I as a consumer only have a license to operate a GM car or John Deere tractor, then I will only be able to visit their repair shops when the equipment needs servicing. Rather than having the right to take the car to the mechanic of my choosing, I will be forced into fixing it at only one shop: the GM repair shop. GM will doubtless argue that this is to my benefit, as only "GM Certified" and trust technicians will be working on the car. This ignores the issue of cost, however. The parts and service for the repair will be higher, as GM shops will likely only use official GM replacement parts rather than generics. Since I have no other option I will have to eat the cost or forgo the use of my car. Not only will I as a consumer be charged more for the same level of service that I enjoy today, but how many small businesses will go out of business as more and more cars on the road are forced into officially-branded repair shops and out of independently owned and operated garages?Ú

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Corporations are now trying to gain control over not just how their products are made and sold, but also how they are used past the point of sale. What I do with my car which I bought with my money is my business, so long as I am obeying statutes of use and registration. GM has no right to tell me how to use the product I bought, or where it must be replaced. The same goes for tractors, telephones, televisions, and any other good which consumers purchase. Corporations have no right to insert themselves further into peoples' lives simply on the basis of a product having been purchased--or licensed, as John Deere would have it.

The choice we face is between corporate intrusion into consumers' lives as they seek to dictate

not just how their products are made and sold, but how they are used afterward. Provided my actions are legal, it is no one's business but mine how I use a video game, car, or tractor once I have purchased it. If corporations are allowed to control the use of their products past the point of sale there will be no more true ownership of the goods we purchase, and there will be less choice available to consumers, leading to lower quality and higher prices.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ned Horsted.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Part of the reason I was able to afford to go to college was that my father, like his father before him, was able to repair virtually anything that was wrong with a family automobile, rather than taking it to a dealer and paying a premium for the same result. He taught me how to do much of this myself. Now, we can either diagnose and fix issues with our vehicles ourselves, or take them to a friend mechanic, who typically charges half of what a dealership would. Now that technology has advanced, for the manufacturers to get you to believe that that the only people to have the requisite skill, experience, and knowledge to work with a vehicle's programming is people employed by said manufacturer is insulting, to say the least. Thank you for your time and consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nedra Albrecht.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Just like you can modify your car with new wheels, new paint colors, new stereo, and other new upgrades, we should be able to modify the software in our cars, electronics, and other software powered devices. I'm sick and tired of corporations exerting control over the usage of products that I buy. I can understand them not wanting to support modified software, but draconian policies that benefit only corporations and not consumers is anti-American, stifles innovation, and slowly will hurt all of us.

Item 1. Commenter Information

I am providing comments on behalf of myself, Neil Burrows.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I own an Isuzu/GM Trooper 3.0DT with the problematic, but excellent, Caterpillar designed 4JX1 engine. Now if serviced properly it is a wonderful truck engine. As testified by the thousands of active forum members around the world. Sadly, many Isuzu dealers do not care enough to even know which grade of oil to put in. The correct grade of oil is extremely important in this engine due to the way the injectors operate. My own dealer advised only semisynthetic oil should be used which is at the far end of the bell curve when it comes to oil recommendations for this car but that is what they repeated even after being questioned. They also refused to even attach the Tech2 diagnostic tool to reset the Oil Rail Pressure Sensor when it was replaced. Now I have the official service manual and access to serving and ex-Isuzu mechanics courtesy of the online forum community so I know the Tech2 diagnostic process is required. At the time genuine Tech2 units were (and still are) retailing for between \$5,000 & \$8,000. I can access my Subaru with a \$100 unit and other cars for \$2 but the 4Jx1 is never that simple. Now the Chinese clones are available for around \$400 with the appropriate PCMCIA card a paltry \$30. So now I have the ability to service my own truck properly and to the correct OEM specification but because car manufacturers are presumably scared of hackers & security researchers I lose the right to keep a perfectly viable truck on the road. So we should all by new trucks and say screw the environment? It doesn't matter what is decided because people will ignore any ruling, but if this path is taken, the road will lead to what was being avoided in any event. I am of course referring to ridicule. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nicholas Baldwin.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

What right do these naysayers have to say that such tinkerers don't have the chops to modify programming in such a way that it will comply with safety standards? And on top of that, if the tinkerer were designing something that was to be used in situations where those safety standards don't apply, why should they be prohibited? Plain and simple, they purchased the vehicle, and it is theirs to do with as they will.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nicholas Cohen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am part of a vibrant do-it-yourself community that builds accessories for and modifies cars. This has resulted in some incredibly creative modifications such as better electric vehicle charging equipment, and sophisticated car diagnostics. When I pay for a car, I believe I own it -- and with that ownership comes the right to modify it and fix it. When car manufacturers block modifications and diagnostic tools, they break a long history of people improving and innovating with their cars. It arbitrarily locks people into a closed market where they must pay the manufacturer for their privileged information of diagnostic codes.

As a hobbyist and tinkerer, I have seen how innovation flows in an environment where people are free to explore and experiment. I would go so far as to say the freedom to experiment is fundamental to our nation's culture. Please protect that freedom. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nick.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Cars belong to the consumers. Make it happen! Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Nick B..

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Copyright has no place is making sure my truck is meeting emissions standards. Please do the right thing. Copyright time and time again has shown to stiffle innovation. Creation is an art and should be torn apart and built upon to progress.

Item 1. Commenter Information

I am providing comments on behalf of myself, Noah Schnoll.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Car ownership is part and parcel of the development of the United States. It is not only beneficial but, in my mind, necessary for a driver to understand the functionality and operation of the vehicle. Not only for repairs, but for safety as well. The reason that private individuals may not have the requisite skill to make modifications to vehicles is because the information necessary to educate those individuals is locked away under onerous copyright restrictions. If a car fails on the highway because of an issue with engine management code, shouldn't a driver have the ability to know what repairs are necessary? Shouldn't the driver have the ability to safely move their vehicle from the flow of traffic, and the knowledge to do so based on their own knowledge of how the vehicle operates?

Item 1. Commenter Information

I am providing comments on behalf of myself, Oeyvind Iversen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

How on earth am I not allowed to fix my own tractor, paid and bought for my own money, and with a degree designed for fixing this issue? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, oliver.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I am a highly educated and affluent consumer. When I buy a car with known factory defects (Buick enclave 2011) which has nearly fatal programming causing sudden and uncontrollable throttle increase/decrease the GM dealer charged me \$250 to fix Therese of code which was wrong. With access to the right tools, I should have been able to make these changes myself. It is clear that the DCMA rights being pushed for by automotive industry are not for protecting of rights, but for creation of anti-consumer charging and lock-ping out of 'self repair'. I spent \$45k on the vehicle. I own it, I own it's engine, its wiring, its tyres. I should have the right to modify how it acts without onerous cost.

Item 1. Commenter Information

I am providing comments on behalf of myself, Pablo Colunga.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

This serves no purpose other than to make third party repair tools more expensive or impossible to exist. Manufactures aren't held liable for emissions saftey or warranty when the cuase of or deviation from the regualtion is a third party modification. The responsibility lies with the owner of that vehicle who chose to modify and operate that vehicle. Manufactures are using dcma to create walled gardens that serve no other purpose than to increase the costs of operating a vehicle outside of approved dealer/distributor networks.

I am not advocating piracy or that manufacturs do not have valuable IP that they feel that they need to protect. Yet dcma the way it is currently implemented is an unfair burden on consumers. Consumers of hardware/software based products should have the right to use/repair/modify products purchased in the same ways that any other consumer of non software based products is afforded under common and statutory law.

Item 1. Commenter Information

I am providing comments on behalf of myself, Patrick Burns.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Because computers are used to digitally operate so many, or nearly each and every aspect of machines these days, it has reached a point wherein the only way to modify operation of machines it to digitally change parameters. There is literally no other way. When I bought my John Deere lawn tractor, I had no intent of "licensing" the right to use that tractor from John Deere for a lifetime. I paid a hefty amount to own the tractor, and could not have imagined that my rights were at all limited to owning/operating/or otherwise doing as I see fit. If I see fit to drive the tractor off a cliff (not withstanding any other possible legal rights to that scenario), I should be able to do so, just as I should be able to modify the blade spin, or change the tire size.Ú Ú

Copyright protects an expression or idea in a physical medium, but the DMCA should not be used to prevent others who own a copy of the copyrighted work to change it. If I buy a painting or a CD, I am free to cut up either, paint over either, at my own choice. Copyright entitles a creator to protection, but should not be used to entitle the creator to never-ending monopolistic protection, as the DMCA anti-circumvention laws currently do. They inhibit ownership of personal property, and extend copyright protection beyond the scope of the copyright act, itself.Ú Ú

Furthermore, I agree that, while concerns are legitimate regarding a "modder" breaking encryption for illegal activities, or a car enthusiast "modding" his car so that it is not street legal, the actions of SOME should not inhibit the otherwise legal actions of all. Ú Ú

Thank you.

Item 1. Commenter Information

I am providing comments on behalf of myself, patrick feng.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My car's check engine light came on so I took it to my local mechanic. The mechanic was able to read what caused the check engine light to come on but was unable to do anything about it. The reason is because while he is able to "read" code, the car maker does not allow any one outside of dealers to fix this particular issue. It doesn't make sense that a car mechanic, who's chosen profession is to repair car, is being block by the manufacture. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Patrick Marshall.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I own it, I should be able to repair it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Paul Maschhoff.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Restricting access to software on vehicles hinders independent white-hat security experts in their attempts to verify a vehicle is safe from unauthorized external control, compromising the safety of everyone on the road and the security in ownership of the customer. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Pessemier, David.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My current vehicle needs tinkering but I'm not able to due to restrictions. I purchased this vehicle outright and have minor access permissions. I find this very frustrating. I should be able to have the freedom to make legal modifications if I so wish. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Peter Grasso.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

So I am a college student, auto enthusiast. I love cars, I love driving them, and I love racing them (on a track of course. Racing on a road is stupid, dangerous, gives a bad reputation, impossible to extract all the potential from the car, and MUCH higher consequences). I buy old cars because those are the cars I love, and I fix them back to where a proper car should be. Most people do not take care of their cares, especially cars they want to sell. This goes to the point, I buy a car and the first thing I do is change all the fluids in the car like oil, coolant, brake, transmission, differential, etc, etc, etc... Then I have to check the car from head to toe for other issues like the suspension, clutch, electronics (hint hint), and more. Every car I have bought is a BMW as well. Think about that, a college student who doesn't even break 10 grand a year manages his money enough that he can buy cars, sell cars, race them, spend the money to fix them, and do it all himself because that's his passion. Being that these are BMW's, they have software, and many computers. Even for 80s Bimmers, and yet I have whole books to explain the electrical system to me so I can diagnose and repair them. One personal example I have is the ABS system. The light never came on so I thought it worked when I bought the car, when I found out the bulb was never actually getting power. After finding the missing component, the system still did not work, but had power. After study the electrical system from the book and forums online, I found that a relay (an electrical switch just like a light switch) that had a bad diode. I went into the ABS system, found the failed component, and fixed it without even spending \$100. I can't do that if I'm not allowed. I can't read the software if I'm not allowed. If I can't do that, I can't do my passion and then these cars degrade because the cost to fix them just isn't worth it to many. That is terrible. The is horrid. A car is never dead until its owner gives up. These works of art, become pointless, and head to be scrapped. Which brings me to the next

Now that the point of money is out of the way, and that software needs to be read, there comes the HUGE market for modifying car software already. A very common thing for people to do is to "chip" their car. This involves removing the main computer chip from the engine computer, sending it to be reprogrammed, and putting it back in giving the car owner more power, a removed speed governor if there is one, and more. This would break that law for what? Because auto enthusiasts want to increase car power without throwing away the physical bits and pieces for things that cost thousands. I, for example, like to race on a track but a chip allows me to fine tune the car to my personal liking and preference. I'm not using it to go faster on the road, but on a track where I try to use all the power I have. On the road, I drive the same speeds regardless of car. Like my brother's Subaru with a mere 100hp, I floor the gas all the time and bring it close to redline regularly to drive the way I want. WHILE, with my 88 BMW 3 series with 200hp, I barely ever break 2000 rpm, or cruise on streets at idle when I can because that car lets me. I drive the car like a grandmother because with that car, that's how I get to way I prefer to drive and I am happy with that. And there are even more reasons than that. That same 3 series has modifications (which are all legal) which an unmodified engine computer cannot support. The engine is so different than from what it was, I did not just get an engine chip. I got an engine chip made for what was done to the car. Something that makes sure that the engine is firing appropriately and understands new methods to accomplish the same effect. Hundreds of thousands of people do that too. It doesn't harm the car, but changes it for the owner to meet the owner's needs. This is even more prevalent than ever with new turbo charged cars having SO much potential left in the engine. A small change to the engine software can increase power by 30, 40, sometimes 50 percent. That is massive, but it doesn't kill efficiency, or even harm it. Should that be illegal? Should people be punished they want a better car? They want a unique car? Is killing a market good? Is killing at home hobbyists the goal? Do I need to spend a thousand dollars to buy a whole new independent from the car manufacturer computer for the engine that gives me so much more than I wanted or needed?Ú Ú

And now comes to the new generation of hobbyists. People are learning how to program and create whole computer based system for cheap. It is incredible what raspberry pi and ardrino hobbyists are doing now. Why should they not be able to apply their skills to cars with this flood of new creativity. Forget about possibly doing something illegal with the software. If the owner is doing something illegal then a separate law should be handling that. If I wrote a microprocessor to take the onboard data of a new car to change where the car thinks it is on the earth, then that's destroying data. But if I wanted to change how the transmission shifts in the

bmw to match my driving style, why can't I do that. Why can't I go into my car to change the software to do something else? Why can't I go into my BMW and change the dash to tell me more on the LCD display, like what song is playing on the radio, or what cardinal direction I am heading? Do I really have to find the software in the car, determine what it does, and write my own whole program to do the exact same thing because that is where things become legal?? RRIIIIGGGHHHTTT??? I wrote my own whole program and am using that instead. What happens if people started open sourcing their own code to replace factory code? Is that illegal? If I did that to all the software in the car, do I then own the entire car? But how does that make sense?Ú

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If I buy a copy of a song, I own that copy. I can do what I want to that song. I can back it up, modify the file, and more. What I can't do is sell copies of the music, or distribute the music. HOWEVER, I cal SELL my copy of the music because I OWN IT. I buy a copy of the car software, how do I not own it? I understand that I cannot sell a copy of the code for someone who may need it for what ever reason, but I can sell MY copy of it. RIGHT? Why not? I bought it. I owned it. I used it. Why not? I payed to OWN the car, not to be allowed to use it. I Should be able to do whatever I want to that particular car. The same comes with windows. I pay for software, literally. I can sell the access code to someone else. If I want to modify windows, I do. I want to change a program to do an extra check for my personal use, I make it. Why shouldn't I? Ú

I can elaborate more and more and more on each topic that I mentioned but I do not have time. I am a college student and time is short, but I personally would rather create and replace all the software in my car than let a car company "Own" part of my car. I live in a free country where I have the right to own property, so why can't I own my car? Software?Ú Ú

PS: The argument I saw for car manufacturers to back up their claim like "people will go faster and be more pollutive" may me laugh out loud. Honestly... car manufacturers make fast cars and build sports car that go so fast, to exploit anywhere to all of the car's potential on the street is near impossible. Going "faster" by that fast of modern cars make it irrelevant. Go faster? How? Nearly all cars CAN already go too fast. It is up to the driver to restrain him/herself and if he/she can't law enforcement is supposed to fix it. And pollutive? That's why states have regular emissions inspections. We have a system already to make sure most car's on the road meet emission requirements. Preventing people from modifying their car doesn't do that job. This statement only appeals to people who know NOTHING, I repeat, NOTHING about modern cars and the world built around it. After all, it is easiest to convince people you are right when they don't know what is wrong.Ú

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God, this is becoming too long, I need to stop. I would like to proof read it, but I can't. Not enough time in the day.

There are three side here as there are with any issue. There is the company side, the modding community, and people who are interested in neither. People who are interested in neither outnumber both the other groups and don't really care for the outcome. Convincing them them is what is important and companies are just pulling words out from any orifice they can find to make their side seem appealing. Please, do research on the consequences of a law like this and it will affect anyone who owns software in a negative way. Last time I checked, everyone uses software in America.

Item 1. Commenter Information

I am providing comments on behalf of myself, R. Bond.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We own the things we buy. It should not be illegal to use them as we choose, so long as we aren't harming others. If we harm others through our use of them, we are guilty of harming others, not guilty of using our things.Ú

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I write the code that controls the automation that makes many of the vehicles on the road today. I am very familiar with writing code that is responsible for the safety of individuals. I should be allowed to monitor, examine, diagnose and potentially modify or repair my vehicle if I choose to.

Item 1. Commenter Information

I am providing comments on behalf of myself, Rachel Hall.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If a manufacturer wishes to prevent users from having basic access to their vehicle for the purpose of maint or modification the manufactuer should not sell that vehicle. Having the ability to tweak your caurburetor is part of american culture. Being able to locate or repair a fault - again- going back to the early car enthusiast who hand built thier vehicles - this is against our interestes as a free people.

Thank you for your consideration.

Limiting the ability of the American public to tinker and innovate and modify the equipment they own is only for the benefit of those that are maximizing profit at the cost of stagnation and obsolescene. It is obscene.

Please allow us to continue the grand tradition of MAKEing it better. Rachel Hall

Item 1. Commenter Information

I am providing comments on behalf of myself, Ramuel Gall.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I've had an interest in engine modification for many years. This type of thing became an issue when I realized that automotive manufacturers don't necessarily program their vehicles to optimum values. It is rather ridiculous that one can't modify a car computer to improve performance and gas mileage whilst staying within, or improving upon, epa requirements. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Randy Beever.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I work on everything I own. Hate letting anyone else touch my stuff. If cars are no longer able to be worked on at home i will never buy another new one. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Raul Ramos-Schulze.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I do a lot of DIY repairs to my car; what's preventing me from buying a new car is partly due to the fact that all of the new cars are very electronic-heavy and require expensive tools to troubleshoot and maintain, and that assumes that you even have access to the tools. I'm not interested in modifying any engine components, only troubleshoot issues. If I own the car, why shouldn't I be able to work on it myself? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Richard.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I find it very frustrating to have to deal with this problem. I am sorry, the mechanics at the dealership are not very well trained in diagnosis. They are trained that the computer code that is read is the problem. The factory service manual shows that it is quite possibly only a symptom. While the symptom and the problem can be the same, in many cases they are not. The manufacturer really limits my ability to diagnose by hiding or obscuring the actual I/O to the computer. This is one reason I won't buy a newer car. Since the inter-relationship of the additional computer modules are obscured, and my ability to query the computer does not exist, I won't buy the newer systems. Once the vehicle has passed the warranty period, (where the mechanics can play the "change the part, see if that works" "troubleshooting" process) they are almost worthless. (I am seeing this problem on the newer skid-steers and tractors too....) I won't be buying a new one. I am looking at much older units, since I can still work on them, and have a much higher chance of not getting the "it's the black box, again" answer.

Item 1. Commenter Information

I am providing comments on behalf of myself, robert clements.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I want to be able to tune my vechicle's computer to restrict performance to valet levels at the touch of a button, and restore it to full functionality at the flick of a switch. I know what I'm doing. I bought the vehicle and the software inside it for a premuim price, and I want the freedom to improve that software as I see fit. I am not reselling or copying that software for profit. Anyone arguing otherwise is misconstruing the statue for their own convenience. Please preserve our rights!

Item 1. Commenter Information

I am providing comments on behalf of myself, Robert Leider.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Cars have a long history of owner modifying their cars without ending the world as we know it. Owners of cars should be able to modify their cars since they are owners. America has a long history of innovation by individuals working with and manipulating items they have purchased. This innovation has been very important to the economic improvement of the country and its citizens. Without ownership being meaningful to the individual, America would be a poorer and less interesting place today.

Please keep ownership intact, and thank you for your consideration,

Robert Leider

Item 1. Commenter Information

I am providing comments on behalf of myself, Robert Link.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I buy it, I own it. And I want and NEED to fix it myself and not have to rely on a manufacturer or their dealers to help me when I need help. I need full access to information and parts to continue using my vehicle. \acute{U}

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Robert Simpson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a gear-head that works on my own family's cars, having that ability is extremely cost effective for us because of my households low-income. We usually can't afford to take our vehicles to a shop to be worked on let alone go out and buy brand new parts. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Rob Giseburt.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

For the same reason that Linux and other open-source core operating systems are the most safe and secure, we legally need the ability to inspect the products we buy for safety and security.U

The ability to modify for sport should not be restricted simply because some people aren't capable. Those that are capable should be allowed to, and those that aren't should be allowed to learn.Ú

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We don't need more factory workers. We need more skilled laborers, and that requires interest fostered by tinkering. By allowing that tinkering, we are fostering the next generations of engineers. By actively blocking it, we would be fostering highly motivated and intelligent "criminals."

I actively work in open source projects as well as corporate environments. I understand the interests that the corporations are trying to protect, but I ask that you look past their single-minded attempts to protect their profit margins in the short term and see that allowing tinkering, healthy competition, and introspection into the devices we own helps everyone, even those companies seeking to prevent it.

Thank you for your consideration.

-Rob Giseburt

Item 1. Commenter Information

I am providing comments on behalf of myself, Rob.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

A machine is just that, a machine. and it should be made to be used any way after the user purchases their own machine (ie Tractor). If I want to tinker and tweak my machine I should have every right to. and it can only foster growth in an industry by tinkers and dreamers. I believe that our rights as American consumers are slowly eroding. When I make a purchase, I am making an adult decision to now OWN that product and that product becomes mine. It gives me the right to use the product as I see fit and it should no be limited by any laws.

Item 1. Commenter Information

I am providing comments on behalf of myself, Rob McMillin.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The automakers now claim that owners of vehicles are, at best, tenants. Moreover, it would be the final shot in a war to eliminate third party garages and put a huge competitive moat around new car dealership repair services, because it is not hard to see how stipulating manufacturer control would inevitably create a barrier to independent mechanics. This is wholly unacceptable. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ron Robinson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When purchasing an auto it must be all inclusive withholding the ability to service or modify any part should be illegal. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Russ Buker, Jr.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I just bought a 2015 Nissan nv200. I was never informed that I didn't own the software that makes my vehicle operate. I'm concerned that my mechanic won't be able to repair my vehicle if and when it becomes necessary.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ryan Floyd.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought it, I should be allowed to fix it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ryan Grow.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I own a 2014 Mazda 6 and I am very upset to learn that car companies want to make it illegal to modify the software on a car. As someone who is inclined to work on cars, I have already 'tinkered' with the software. So, I find it outrageous for them to assume that a lay person doesn't have the skills to access and safely modify the 'code' in a car. Most of the software I have seen so far is quite simple in design and not overly complex. Considering some of the 'bugs' that have been idenified in the car's software and have been fixed in the communities, I would say that we may be better at it then the actual companies. Please don't let the Association of Equipment Manufacturers make it illegal to modify or replace our software in our cars. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ryan Satcher.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Today, it is impossible to purchase a vehicle (new or recently used) that isn't full of computer programming. I must be able to repair my vehicle, including access to the software, as needed. It is un-American to prevent me from doing so. Locking this under DMCA is not what it was intended for and is an abuse of the law; a law that needs to be scrapped. DMCA is patently unfair to consumers and was created by media companies to prevent competition and maintain their distribution monopoly.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ryan Scott.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The restrictions on modifying car electronics hurts me. Due to how Gas milage is calculated specifically Highway MPG is calculated over a very short distance automakers use fuel mapping that is not sustainable over distances to inflate MPG over short distances resulting in worse mileage than it could otherwise achive. I would like to be able to edit my vehicle ECU to match my realistic driving conditions rather than to maximize the MPG on an unrealistic test. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ryan Stewart.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Please allow the consumer of a tracotr or atuomobile to work on their own vehilces as far as software is concerened. If you dont own the software, you dont own the tractor/vehicle as the tractor/vehicle wont run without it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sam Atwood.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have always tinkered with my devices and take pride in being able to fix my car when things go wrong. I should be able to do this on a something I own without worrying about copyright issues. If regulation is needed to ensure this is done lawfully, it should be under a regulatory framework by an appropriate agency, not under copyright law.

I appreciate you taking the time to review my concerns. Individuals need to have protections from ridiculous and protectionist charges companies and their legal departments hide behind. When people like us test new ideas, and share our findings with others, we contribute to innovation and help society to progress. We need regulations that supports our efforts.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sam Hill.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It seems to me to be a right to fully own objects you purchase. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sandra Kindred.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

WE make the payments. Whoever makes the payments with their hard earned money and chooses the vehicle owns the vehicle!!! Most of the time if something breaks down, there's a problem GETTING it to someone who can make repairs to it. Then they usually have to order parts, which takes forever. WE HAVE A RIGHT TO MAKE REPAIRS TO OUR OWN VEHICLES!

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Scott Altemus.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The complaint that consumers are out to stole copyrighted code are false. All we want as consumers is to be Americans. Being American means being independent, working hard and solving problems. All three of those ideals are lost if we can't even repair our own cars or tractors.

It is time now to put your foot down for the American people. It is absurd for innovative, independent Americans to have their hands tied by government overreach. When people own things, they own them. Not own to copy and distribute but own to use, modify, destroy, repair, whatever they want. Anything short of that enters a very slippery slope of government overreach vs. personal liberty. Don't be henchmen for shortsighted corporations, strike down these absurd violations of what makes America great.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sean Pruszkowski.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Being able to make changes to your car is a necessary part of the life of your vehicle. Also, what better way is there to learn about these technologies then working with it yourself. This type of learning can foster and create the innovators of tomorrow. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sean.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My dad is a fourth generation farmer, and I expect to take over his farm. I do not want to worry about running into the same hassles I do with music and remixing the media with my farm equipment.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sebastien Vakerics.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Restrictions in vehicle software made getting repairs done on my car an ordeal. I had to call and drive to multiple repair shops to see if my vehicle could even be *looked at.* In the end none of the repair shops in the entire city had access to the software to review my vehicle. So, I not only had to drive my ailing vehicle to the shops that did not have the ability to service my car, I had to search the internet for the nearest dealership of my vehicle's make and drive almost an hour to get there. All the while, I could only hope my car didn't break down as the warning lights lit up on my dash.Ú

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It should not be this hard to get a vehicle fixed, especially when so many people's livelihoods depend on it. Sincerely,

Sebastien Vakerics

Item 1. Commenter Information

I am providing comments on behalf of myself, Shane Marcheson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

We shouldn't be using copyright laws to bolster existing laws or to "deter" already illegal activity. IE - illegally modifying your car to operate beyond current emission standards is already illegal, and a matter for the police, EPA etc. and not for the copyright office. All the excuses I've seen from manufacturers seem rather lame, and in fact they only seem to disguise their real intent - to solidify their monopolistic positions, minimize or eliminate competition and to gain control over consumers and the product life-cycle. These aren't american principles. Please give ownership and all rights to the owners of products.

Please represent the best interests of the country as a whole, and realize that the bulk of the arguments corporations are making have little or no merit or standing in sound logic. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Shane Thompson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I don't own the software that goes on my vehicle, then I should be able to put whatever software I want on the vehicle that I own. As long as the software allows the vehicle to pass safety standards and environmental regulations, then I should be allowed to use it. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Shawn Johnson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I like working on my car I should be able to do what I want Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Shawn.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Having the ability to repair and replace parts in the future with ones that not only work fine but may have other advantages that the OEM wouldn't want should be our right based on ownership. If the car companies want the right to lock us out, they should pay us for that right by either dropping prices or give us money monthly on cars we own. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Sherry Ruth.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I bought it, it's mine. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Stephen Hughes-Jelen.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I know plenty of people who have the programming skills and know-how to repair and/or improve upon the built-in software in modern vehicles. These people also know how to not mess with areas, like safety software, that would create an unsafe situation.U

When something breaks down, it should be up to the consumer whether he or she chooses to do the service themselves if they are able, or to take the car to a service technician. If there is no access to the software, how are technicians supposed to be able to correct an issue? Will ALL vehicles require dealer-only maintenance in the future, with NO alternate choices, thereby locking a consumer into high-price, extortion-based repairs?

Thank you for your consideration. The idea that a company can control a product after it is sold as a product just seems stupid to me. If it becomes illegal to modify anything, where would ideas come from?

Item 1. Commenter Information

I am providing comments on behalf of myself, Stephen P.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As an Electrical Engineer, I fail to see how this is any different from my milling a new gear to repair my vehicle for my personal use. Copyright may be claimed over the code itself, in the same way the exact combination of words in a book can be copyrighted. However, to claim a copyright extends to the functionality of that gear is absurd (that's what Patents are for). Software is not some mythical beast of Greek folklore; it is a machine that, instead of being built with gears and springs, is built of data registers and Arithmetic functions. An individual does not need to seek Corporate blessing and licensing to use gears and springs to repair and modify his or her vehicle that they purchased. That same individual does not need Corporate blessing and licensing to use data registers and arithmetic functions to modify that same purchased vehicle. Thank you for your consideration. I don't claim anything more than the rules that are well established for personal use in our surrounding 3 Dimensions. Why should our virtual dimensions be any different?

Item 1. Commenter Information

I am providing comments on behalf of myself, Stephen Scott.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

John Locke once proponent the idea of Life, Liberty and Property. This was one of the inspirations of the Declaration of Independence. Not only do excessive copyright law go against this freedom, it denies us the very process used to found this country. John Locke once proponent the idea of Life, Liberty and Property. This was one of the inspirations of the Declaration of Independence. Not only do excessive copyright law go against this freedom, it denies us the very process used to found this country.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steve Haak.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Let us have control as consumers. We will be better brand fans of your products and IP franchises. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steve Medrick.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My in-laws have been driving GM cars for as long as my wife can remember. Their local dealership is notorious for skirting the line of criminality when making repairs. My father-in-law, now retired and on a fixed income, often turns to me to diagnose what is going wrong with his cars before taking them into the local thugs that GM has carved out a repair monopoly for.Ú Ú

In one case, a simple oxygen sensor wire was loose. Something I was able to diagnose because on his older car, the ECM diagnostic codes were still known by freelance mechanics, so I could understand what his engine light code still meant and fix it before he wound up back in the garage of the GM 'official' somethings that told him he had \$1800 in repairs needed. Ú Ú

GMs refusal to publish those codes on newer carss means that when my father-in-law has to buy a new car I hope he takes my advice and buys a German one. The German's find this whole debate another laughable example of how dumb we Americans can be.U

Personally I suspect GM is just peeing-their-pants scared to let the public see just how crummy their code is. However, a little light shed on that code is exactly what they need. Might prevent them from killing another couple hundred people before they admit to their next problem. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steven Bryson.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

For the past 7 years of my life, I've lived in lower-middle class and poor neighborhoods. Having come from a poor family, but one that loved cars and the freedom they give us, I know how to repair my own vehicles and have been able to help others in my communities do the same. Just recently I was able to help an elderly woman get her car to pass emissions and be safe to drive, so that she could help care for her grandchildren and make it to doctors appointments. I was able to do this for under \$20, when the dealership wanted to charge \$90 just to look and see what was wrong. In some areas, cars are life; without a car, getting to and from daily and important activities is impossible. It is in these areas that you may find some of the poorest people, who without ingenuity and the ability to help themselves, would be confined to their home, without a way to get to the doctor, or grocery store. Therefore, it is imperative that we continue to allow these people to learn for themselves how to work on and repair their own vehicles. This right will build innovation and allow vertical social movement to the people who need it most.

Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steven Ruda.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

So. AEM, are you going to tell the people who work for these companies and build and design these tractors and other vehicles the same thing? Outside of work, many of those professional engineers and designers become the individual hobbyists and enthusiasts you're describing. Are you going to argue that they too don't have the chops to tinker around with the stuff that they designed in their spare time? Then who the hell does, and then who would be legally qualified to repair anything? Your official statement is a direct insult to the American people, and the country as a whole, trying to convince US that we are not smart enough or innovative enough to tinker on our own. I wonder how much money you're pocketing from saying such things that we all know are untrue. If a tractor or car breaks, the warranty is over already, and yet I still can't legally repair it own my own, then the company who supports this better hope there isn't another company in business who doesn't, because that's who I am going to buy from next. Thank you for your consideration of my arguments. I hope you take them to heart and go with what the people want.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steven Wilkins.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The choice of what a person does with their vehicle should only be the owners to make. Deciding what a person can and can't do with their property is anti-freedom. Thank you for your consideration.

I find it inconceivable that the copyright office would even consider allowing copyright to control what a person is able to do with a work they own.

Item 1. Commenter Information

I am providing comments on behalf of myself, Steve Wilcox.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I have always done most of the maintenance on my cars for the reason of saving money -allowing me to operate a vehicle safely and efficiently on a budget. I recently bought a used 2013 Toyota Camry Hybrid. While I expected the need for some special equipment for the hybrid drive, I was surprised to learn that to properly change the engine coolant, I would need a Toyota computer interface with a function to run the water pump to purge the system. While fortunately the change interval for the coolant is 150,000 miles, there are many other repairs that require draining the engine coolant, and such repairs could be out of my hands. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Theodore G Pitts.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Quite frankly, the illegal things that they're afraid of are already being done and are being punished/regulated by other governmental bodies. Additionally the idea that a significant purchase like a car, with its sticker price of thousands of dollars, does not actually entitle you to ownership of that said car is ludicrous on the face of it. Restrictions on vehicle software would likely lead to situations where manufacturers would have monopolies over what can and cannot be done, effectively shutting out the entire segment of the auto market that is aftermarket products.

Please do not allow a problem caused by weaknesses in existing legislation to be worsened by entities that do not care for innovation and customer satisfaction but instead care about profits to the exclusion of all else. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Thomas Donaghey.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

My independent mechanic should have the same access to onboard diagnostics as the dealership service department. If a modification is needed to keep my car running well, why should I have to go to the dealership to find out about it (let alone take advantage of it)? Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Thomas Lynch.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I bought the vehicle, I want access to all the sensors and information my vehicle generates to monitor its performance and failures. Plus if I can reprogram it to make it run better or even just differently than the manufacturer why should I be hindered? Tinkering is part of our great heritage (think Ben Franklin, Roosevelt, etc.). Don't stop our innovation. Thank you for your consideration. Freedom to tinker sounds like a great new civil right that should be added to the constitution to encourage our young people to continue to innovate.

Item 1. Commenter Information

I am providing comments on behalf of myself, Thomas Pell.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I own two different vehicles that I have accessed and modified the software that controls their systems. This knowledge is readily available and a small industry services the demand for such access. \acute{U}

Locking up vehicle software and service data is anti-competitive market behavior and impacts the service industry as well as enthusiasts. Should vehicles become unserviceable in the future, the aftermarket provides stand alone systems that will be totally outside the standards or regulations that a modified system might of complied with.

Please preserve our right to repair and to use products we have rightfully purchased. Corporate greed is not sufficient reason to control property rights and American ingenuity. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Timothy Chapman.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

As a vehicle owner, I feel that I should have the right to modify the software within the vehicle. Not being able to modify the software places unreasonable restrictions on the owner of the vehicle into the future. This could range from the choice of mechanic to maintaining the vehicle with the latest technological enhancements. As has been shown in countless other areas, such as with cellular telephones, manufacturers have little to no incentive to provide upgrades to software once the physical device is sold. Thus enhancements to improve efficiency, allow for authorized uses that the manufacturer does not support, etc. are severely restricted if not outright impossible.

Item 1. Commenter Information

I am providing comments on behalf of myself, Timothy Grebe.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

What I buy and pay for is mine, to with as I please. If car companies are claiming ownership then they should pay for all maintenance and repair throughout the life of the vehicle. I am completely and totally outraged that they would ASSUME that "WE" do not have the skill set "to have the requisite skill, experience, and knowledge to ensure that these modifications comply with vehicle safety standards or environmental regulations"!!!! They DO NOT have the right to control me or my property once I own it!!! I will be notifying my representatives. Thank you for your time.

Item 1. Commenter Information

I am providing comments on behalf of myself, Timothy Magee.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

When I buy a car, up until now I have been able to fix it when it breaks. If the engine broke, I could simply fix it to make it work better. Please allow us to continue to do this even after the software revolution in cars. This will also allow more competition in the auto repair business. Rules that prevent anyone from fixing cars (including software components) will mean that only licensed dealers will be able to fix them legally. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Timothy Yoder.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If a product is sold to a consumer they own it. If it is leased, they do not. You can't sell something and still claim ownership of it without a proper disclaimer. Moreover, this policy jeopardizes first sale rights and creates the potential for a great deal of waste when items are discarded rather than repurposed. Once again illegal uses of a car are already illegal. It is not the place of copyright to place further sanctions on already illegal activities, but to foster innovation. Using the DMCA to prevent tinkering chills innovation. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tito Jankowski.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Curiosity is the foundation for entrepreneurship and business. To quote Steve Jobs, the most successful businessman of our time: "out of curiosity comes everything." Curiosity in the early days of computers is what led to the creation and success of Apple, the largest public company in existence today. Ú

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Making it illegal to modify my car makes curiosity illegal. Ú

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My name is Tito Jankowski, I'm a biomedical engineer with a degree from Brown University. My friend Jeff is a car enthusiast. Jeff is a computer programmer in San Francisco, and a race car driver on the weekends as part of the local SCAA group. SCAA is, from their website "a contest of driving skill. We run against the clock on short courses that emphasize car handling and agility rather than speed or power." My friend Jeff spends thousands of dollars and hundreds of hours a year modifying and tinkering his car.Ú

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There are thousands of SCAA drivers nation wide just like Jeff. They organize hundreds of racing events in the USA every year. These experts rely on tinkering with their cars, including the internal engine control unit (ECU). At each event, hundreds of drivers like Jeff compete in organized races. Event leaders work with local business owners to rent space in large paved spaces, such as the Oakland Colosseum parking lot, and with insurance providers to make sure that every driver is insured.Ú

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I've been lucky enough to be a guest at 2 events. These experts take safety and the law seriously.

For example before every single race every car undergoes a safety check by the safety officer, and extra safety helmets are available for free. Ú Ú

Individual hobbyists and enthusiasts do have the skill, experience, and knowledge to modify cars while obeying existing laws. As an observer of the SCAA racing community, I've found that they go out of their way to self-enforce, and raise the bar in racing beyond what the law requires. They do this because they are experts. They are experts because they are curious. Ú Ú

SCAA racers come from a range of backgrounds. One SCAA racer is entrepreneur Andy Hollis, one of the most influential people in computer gaming and president of Fastlane Games. Hollis has won 13 SCAA championships.Ú

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The Association of Equipment Manufacturers push to make curiosity illegal. The Association of Equipment Manufacturers wants to treat experts like my friend Jeff and business owners like Andy Hollis as criminals. It is imperative that it be legal to modify all software in cars, including ECU software.

Item 1. Commenter Information

I am providing comments on behalf of myself, Todd Cox.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

If I own it or if I am paying to own it, I should be able to use whatever means necessary to repair it and protect my investment.

Please do not govern unless I ask you to do so. If I need your help, you can intervene. However, until I request assistance, do not assume that I need you to do so.

Item 1. Commenter Information

I am providing comments on behalf of myself, Todd Milev.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I need to repair my car and improve fuel efficiency Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tom.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It's my car once purchased and I should be able to work on it or have another work on it. This is a ruse to keep repairs in "dealer network." Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tom Harp.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Whenever our government restricts rights simply because of a broad generalization, e.g. "individuals are unlikely to have the requisite skill, experience, and knowledge" to do something, we as a people lose innovation and liberty. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tom Tuttle.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Old McDonald had a Deere.... E I E I OOOOOO. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Travis.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It takes away my creative designs for my vehicle that I bought and paid for, if I want to put flames on it, or drop it, or raise it, and I use quality parts, or create parts to do so, it's my choice, my vehicle, I've been helping build and designing cars, trucks most of my life, started when I was 7 years old with my dad, and it grew from there, I even owned my own auto body and custom shop for 9 years, and I intend to teach my kids, to build and repair their cars and trucks too!

Item 1. Commenter Information

I am providing comments on behalf of myself, Trent Haynes.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It is not the job of the company that built my car to enforce local regulations. It is not even in the realm of their responsibility to make sure that I comply with regulations. Based on their arguments, I should be required to use only their approved providers for any repairs. That allows them to control my choice and ensures that I don't get to choose where my money is spent.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tyler Hart.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I should be able to purchase a car and modify it for whatever specific need I have. If I buy a car with the sole purpose of making it a bill of sale only race car I should not have to throw out the original ECU ad buy a 3rd party one so that I can program it. I should also be able to read and repair my daily driver error codes and work them and not have to pay \$85 to the dealer every time and error light comes on.

Item 1. Commenter Information

I am providing comments on behalf of myself, Tyler Murphey.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

It's preposterous that I can "own" a car, but if they own the software and take it away it won't run. I paid for a working operational vehicle, not a shell brought to life by borrowed software... this notion is extremely harmful and the potential consequences for the future of property ownership, a foundational piece of our democratic republic, are frightening. This has the potential to throw off the balance of power between consumers and corporations in a strong way. Please keep in mind that consumers need your protection. We are the citizens, government exists for the people, boot the corporations. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, Ty Nighswonger.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

I grew up on a farm. We did 90% of our own maintenance and ended up making some nonstandard upgrades when needed. I can't imagine how much money our small farm would have lost by having properly licensed mechanics come work on each issue. What we buy should be ours to use as we wish. If this is not the case, these companies should be entering rental or lease agreements.

Item 1. Commenter Information

I am providing comments on behalf of myself, Vasanth.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

The best explanation for this is provided by the wired mag article. Ú Ú

http://www.wired.com/2015/04/dmca-ownership-john-deere/?utm_content=buffera674d&utm_m edium=social&utm_source=twitter.com&utm_campaign=bufferÚÚ

"those activities are (1) already illegal, and (2) have nothing to do with copyright. If you're going too fast, a cop should stop you—copyright law shouldn't. If you're dodging emissions regulations, you should pay EPA fines—not DMCA fines. And the specter of someone doing something illegal shouldn't justify shutting down all the reasonable and legal modifications people can make to the things they paid for."

Item 1. Commenter Information

I am providing comments on behalf of myself, vincent ahlholm.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

People have been copying thoughts and ideas since time began. The thought that the wheel when invented would be protected by its creator in the fear someone might come up with a rubber one is a similar comparison. We are already doing these modifications and pay dearly for simple illegal computer programs. Do these people pay taxes on these sales. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, William Aprea.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Please allow for us to repair cars and tractors. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, William Cernansky.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Do you know that Nissan (and probably other companies) disallow the use of the software keyboard to enter locations into the navigation system when the car is in motion -- EVEN WHEN THERE IS A PASSENGER? It's true. And that's wrong. Passenger should be able to fully engage navigation system. BAD DESIGN, wrongheaded protection. I don't need to be protected from my passenger's typing. Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, william mallick.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

There are many reasons to modify this software, including ensuring that the software in my Engine Control is not spying on me, or to clear data gathering that is the result of the computer spying on me. Increased performance, increased efficiency are the normal goals here. Other changes involve unlocking features that my hardware (car and car electronics) can perform that do not have a user interface option.Ú

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Again, I purchased hardware, and I should have the right to control and monitor the software that runs on it.

Thank you for your consideration. It is important that the freedom to create, freedom to evaluate, educate, review, comment, train, discuss copyrighted materials not be curbed for corporate interests. It is important that owners of all types of hardware be legally allowed to run alternate versions of software on their devices. It is also very important that consumers be allowed to make good, personal copies of media that they already own for the sake of consuming that content in the manor they see fit (like ripping DVDs to watch on an iPad)

Thank you,

William Malick

Item 1. Commenter Information

I am providing comments on behalf of myself, WILLIAM RUCH JR.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

Look if I buy it I should be able to fix it it's that simple Thank you for your consideration.

Item 1. Commenter Information

I am providing comments on behalf of myself, William Strong.

Item 2. Proposed Class Addressed

Proposed Class 21: Vehicle software - diagnosis, repair, or modification

Item 3. Statement Regarding Proposed Exemption

This is insane. I build endurance race cars. We try to use newer more efficient engines. Restricting me from doing this with newer engines and electronics would kill my business. Thank you for your consideration.