

Joint Discovery of Object States and Manipulation Actions: Additional example of SVM results

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This file contains additional examples of visualization of our text based clip retrieval. For each action we give the visualization for the top 5 scoring clips. Recall that these figures should be “read” as follows. We display the narration of the video that is obtained from Automatic Speech Recognition (ASR). The text is highlighted with different colors. These colors correspond to the score of the SVM that has been trained to detect sentences which refer to the action of interest. More precisely, for each word, we compute the average score over all the windows that contain it. Red indicates high score, blue indicates low score. Note also that the coloring range is normalized for the range of scores within each video. The shown frames correspond to the top scoring part of the narration.

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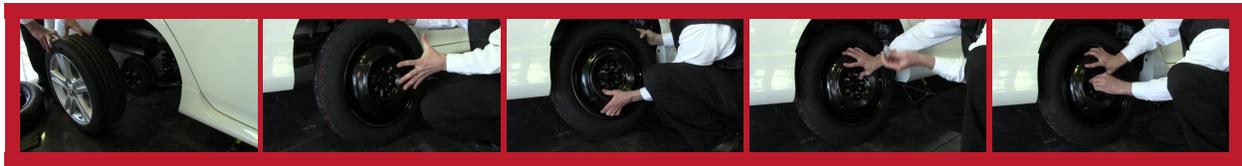
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A. Action: “put wheel on the car”

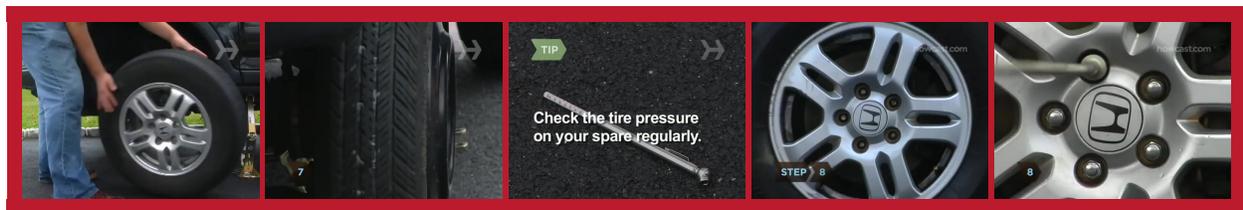
2013 toyota corolla the first thing you want to do is to make sure the cars in part to make sure the emergency brake is applied we do n't want the car rolling away when we get it off the jack second thing we want to do is to pop the truck now that we're at the rear of the 2013 corolla to lifted what's in the truck your spare tire jack and all the tools to use it are located under the truck cover lift-the-flap gain access to the tools first thing you want to do to pull these tools right off the top and set them aside second thing you want to do is to use your hand unscrew the cap in a counterclockwise motion to loosen it up and pull the jack out the third thing is to counter clockwise unscrew the spare tire and lift the spare tire out now we're going to pretend that this tires are flat tire on the side of the road he would better jack that our spare tire and we've got the tools that we need this told is your tire tool this is what we're going to use to loosen the lug nuts and tighten the lug nuts this tool we're going to use to jack the car up and down as we need it the next step is to loosen the nuts at least one full turn because when you jack the car up before you listen to us that tire might turn that will be making your heart yeah the next thing we want to do is to jack the car safety reasons you need to make sure that your jacket up in the correct place where you want to put the jack is right here on the two notches on the frame these two notches into for the rear and there's two notches for the front on this part of the frame there's a slit in the jack and that's just going to go right up on that piece of the frame now we want to take the jack handle with the loop at the end and slide it in the hole in the jack and turn clockwise until the tire just lift the ground now the tires off the ground when you finish removing the wheel nuts and in this process you want to take the bottom nuts of first so the tire does n't follow this way as you're taking the nuts out okay when you have all the lug nuts



off slide the tire right off ok you want to install the spare tire with this part of the hub sticking out and sing push the hub on there you're going to put the leg not own tapered in on the inside top first yeah put a moment hand tie then you're going to lower your jack lojack counterclockwise yeah then you're going to tighten your lug nuts with your tax now that we're done with that step everything's tight you want to physically check to make sure the tires got enough air pressure in it and it's ready to drive now we need to put the tools back in the way that we found the first thing we want to do is put the tire back in the compartment now the tire and the jack will fit back in here but your tools of course whoa we'll have to put them on top now we're going to put the jack back in its place like i mentioned before the other tools will not fit in there with the other with full size tire so we're going to put the tools right here in the

Figure 1: <https://www.youtube.com/watch?v=Rf0SoFgHtXY>

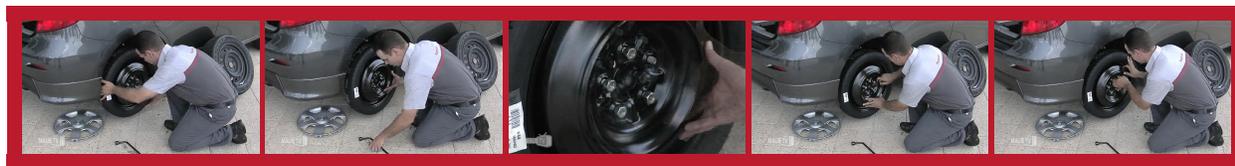
engage the emergency brake . turn on your hazard lights , and if you have roadside flares or a reflective triangle , use them to warn other drivers that you 're working on your vehicle . consider keeping a canned tire sealant in your emergency kit . if your tire has only been slightly compromised , the sealant may patch it long enough to get you to block the wheels . place them in front of and behind the tire that 's diagonally across from the one that went flat . if you have plenty of rocks , block both wheels on the opposite axle . if you have a digital camera (or a cell phone with a built-in camera) snap a picture before you start disassembling everything . that way , you 'll have a ready reference guide of how things should look when they go back together . step 3 . lay out your spare tire , jack , and lug wrench . many tires feature a locking lug nut to guard against car 's manual will specify where it 's located . step 4 . most lug nuts follow the righty-tighty/lefty-loosey rule . attach the lug wrench to a nut , and turn the wrench counterclockwise . repeat with each lug nut until all the nuts are loosened . step 5 . refer to the owner along the frame , very close to the flat tire . jack the car up until the wheel is off the ground . never get under the car when it 's on a jack . since it 's fairly unstable in this position , keep other people away until the car is safely on the ground . step 6 . remove the lug nuts one at a time , and keep them together in a spot where they wo n't roll away or disappear



. then remove the flat . step 7 . mount the spare tire onto the wheel lugs . you may need to jack the car up some more to slip on the spare tire . check the tire pressure on your spare regularly . that way , it wo n't be flat when you need it . step 8 . replace one lug nut at a time . begin tightening each by hand , then continue with the lug wrench . lower your car to the ground , and finish tightening the lugs in opposite pairs , to ensure uniform pressure . once you 're done , replace the hubcap . step 9 . remove the objects blocking the wheels , and place the tools and

Figure 2: https://www.youtube.com/watch?v=INMUrGdA_RA

latch compartment where you 'll find your spare tire and old tools that you will need to change your flat fire remove these covers from the vehicle so you 'll be able to remove the tire once these covers are removed we should be able to remove the spare tire easily in this vehicle the jack is located in the same compartment with the spare tire remove the locking mechanism on the side which is in this case a web and which looked into this piece of plastic hear all that to the side and slightly unscrew the tensioner and you can remove the jack after that the jack tools and spare fire lug nut tool is located to the right of the spare tire in this vehicle on this particular vehicle the lifting location is located just to the front of the rear tire on the bottom of the rocker panel is an arrow which will show you the location of the jack when within the vehicle jack should be put on the pinch world so it does not slide out check to make sure that the jack is still located on the pinch weld after the vehicle starts to race once you 've accomplished that proceeded by lifting the vehicle slowly make sure that you have firm ground to place to jack on before you start the jacket procedure while the tire is still touching the ground remove the hubcap and loosen the lug nuts slightly when the lug nuts are loosened slightly you can continue to raise the vehicle at this point we can remove the lug nuts by hand carefully remove the tire from the vehicle your spare tire is now ready to install proper pressure for spare tires is located on the side wall every maintenance visit that you accomplished you need



to make sure that the tire pressure is filled properly install the spare on to the lug studs and start by just catching the lug nuts onto the threads spin the nuts to the rim of the tire so that they are smoked by hand and then grab your lug nut tool and smug slightly at this point we can lower the vehicle down so that the tire is just touching the ground round take your lug nut tool and

Figure 3: <https://www.youtube.com/watch?v=ydT9sLyhL1k>

and level surface to safely change the tire he locates the spare wheel and dj removed hubcap to expose the wheel nuts while the cat has not been raised to drive a slightly loosens the wheel nuts positions the jack in the appropriate location at this stage the car is being raised to a safe high to allow the wheel to be removed no real nuts them completely removed and placed in a secure spot stopping them from ruling the way the real is then removed and replaced with the spare wheel



it might take a little bit of fiddling around to align the spare wheel use the wheel nuts to fasten the yield while the car is still raised tighten the wheel nuts firmly once the check has been removed you must insure you retention the wheel nuts again use the criss-cross method to fasten the yield you have safely executed changing a higher if you personally feel you are not capable of changing highest safely

Figure 4: <https://www.youtube.com/watch?v=m1WW2eCTTHg>

does vary from car to car so check your owner's manual and that'll identify exactly where in your particular car those items are kept what you'll need is a wheel brace to enable you to undo the wheel nuts you'll also need a jack to raise the vehicle to allow you to get the flat tyre off you start by removing the hub cap or the wheel nut covers whatever's fitted to your vehicle, then using the wheel brace you want to loosen each of the wheel nuts half to approximately one turn before jacking up the vehicle next, we're going to raise the vehicle to allow us to remove the flat tyre the jacking point and the type of jack used does vary from car to car so again it's worth checking your owners manual. once the jack's in place you then commence jacking the vehicle to release the weight of the vehicle from the flat tyre. now that we've got the wheel off the ground we can remove each of the wheel nuts until all 5 or 6 or 4, depending on whatever your car's fitted with are off and now we can remove the flat tyre. a good idea is to place the flat wheel under the vehicle just for a safety feature in case the jack were to give way you

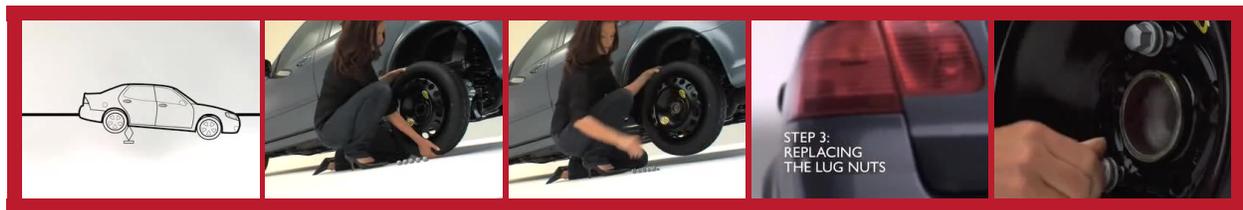


've then got something to support the vehicle so lift the spare wheel up onto the hub and make sure it's sitting nice and flat and square to the vehicle then start each of the wheel nuts by hand then remove the flat tyre from under the vehicle and lower the jack. lower the vehicle down until the weight to the vehicle is on the spare tyre that's just been fitted we'll then use the wheel brace to tighten each of the wheel nuts in sequence. if you can't get to a tyre repairer in the short term it's worth checking those wheel nuts again after a couple hundred kilometres of driving, just to make sure they are still tight i guess the main thing is to know your vehicle, so you should be checking that your spare tyre is fitted to the vehicle and inflated and also that all of your tools are in a serviceable condition. with some vehicles it can vary, you've got emergency spares or space savers as they are commonly called and they're only for literally emergency purposes to get you to a place of repair as quickly as possible when in doubt ring

Figure 5: <https://www.youtube.com/watch?v=PMIjgDJnDek>

B. Action: “remove the wheel from the car”

transmission leave it in first gear reverse the automatics you 'll want to impart next take off the hubcap if your car has one and use a wrench to partially loosen the lug nuts you 're not sure how to remove the hub cap just check your owners manual also check to see if your car has plastic covers over the lug nuts like this one does if so then take them off first you like that wrench probably wo n't put over them and make sure you put them somewhere safe so you do n't lose any of them now to take the like that 's all going to star pattern loosening one of the lug nuts and half turn and then loosening the one opposite to it work your way across the tire until all the lug nuts are screwed a half turn before you jack up the car the object like a brick in front of the wheel diagonally opposite the flat tire to prevent the car from slipping here 's where the jack comes in put it under the cars frame near the wheel with a flat there 's a thin lip but runs along the side of your car that 's usually where the jack goes you ca n't be different though so just check your owners manual for the safest place to put your jack under the car remember it 's possible for the car to slip off its jack never get underneath the car that 's only supported by a jack ok so now you 've got the jack in place now insert the handle and turn it clockwise to lift the jack-up if it lowers the car wo n't turn try turning the handle the other way make sure you read the jack high enough to replace your flat tire the new tire will be full of there so you 'll need more room anything remember those lug nuts you listened earlier now you can take them off



completely once the lug nuts are off you can pull off the flat tire to make sure you put the new tire on the right way look at the air valve should be facing out to replace the lug nuts go in the same order you some them titan one not a few turns and then do one opposite until each lug nut is partially tightened then go back across from your star pattern to tighten them completely to lower the jack turn the handle slowly counterclockwise until the tire just makes contact with the ground and watch out for your fees you lower the jack flatfoot is even worse than a flat tire make sure each like that is completely tightened before you remove

Figure 6: https://www.youtube.com/watch?v=AT_pPlJTiyE

easy if you 're on the road pull your car over to a flat spot next put your vehicle into parkour first gear and apply the emergency brake now locate your spare tire on most of today 's suvs and trucks the spare is under the vehicle retrieve it following the steps in your owner 's manual it 's a good idea to check the spares pressure before you go any farther if your spares pressure is good continue on with changing your flat by popping off the cover to access the lug nuts with the flat end of the tire iron ore supply tool and start to loosen the lug nuts just enough to make them easy to turn by hand if they 're too tight try using your foot for added leverage now place the jack under your car and align it so that it lifts the car by the frame to raise the jack connect the handle peace and insert it into the jack turning clockwise until it lifts the vehicle once you 've raised the vehicle so the flat tires off the ground remove the lug nuts and put them in a safe place such as the



wheel cover so you do n't lose one now remove the flat tire and lay it on the ground away from the car line up the spare and lift into place but the lug nuts back on and tighten them by hand then tighten down each nut with the tire iron start with one lug nut then tighten the lug nut farthest away and so on until they 're all tight to finish up slowly lower the vehicle remove the

Figure 7: <https://www.youtube.com/watch?v=jjpQNwnF1FM>

cover to access the spare tire will loosen it with the whole down and give it a couple of good rap make sure it 's full of air we 're so you want to do is put on a flat spare then you remove the tire careful it can be quite heavy well we have our spare tire in our jack we set our reflective warning signal out we 've also talked the wheel on the opposite side of the flat tire so we 're ready to start changing it the first thing we 'll do is jack the vehicle up you have to loosen the jack a little bit in order to get the handle off this particular model has a lug wrench built right in before we jack they would want to loosen the lug nuts because once it 's jacked up it 's going to be very difficult to get those lug nuts off this particular model has a hubcap which we 'll just loosen those up does n't take much because they 're made out of plastic that the hubcap out of the way i have access to the lug nuts loosen the lug nuts position yourself firmly pressing counterclockwise to loosen the lug nuts not to lose just enough to crack them is a little stubborn position yourself over using your knee or your foot you can gain leverage now we 're ready to jack it up this is the common scissors jack the screen moves in and out allowing the mac mechanism to move up and down and lift your car so as you turn it to the right it will go up as you loosen it the jack will collapse allowing the car to come down now will position the jack you want to be sure to get the jack on a good part of the frame your owners manual is a good place to find where did properly jack the vehicle you can raise it up by hand until it contacts the frame it is in good position we use the jack handle to raise the vehicle insert the end of the jack handle into the jack using it as leverage it will help make the car go up easier remember turning clockwise to go up and counterclockwise to go down carefully jack the car up never stick your hands or your legs under the vehicle as the car can fall and cause damage checking can take a while so be patient and cautious as you jack ok now that the car is jacked up now we 'll take the lug nuts loose remember we already pre loosen them when the car was on the ground making it easy to notice will come right off now trying to do that while the car was jacked up would be very difficult remember to keep your lug nuts in close hand you do n't want to roll away in the grass because it 'll be hard to find and that 's what holds your tire on again we 're turning them counterclockwise to



get them loose or to the left we 'll remove the flat tire set it over here out of the way now there was heavy traffic area you would n't want to leave it in the street you might want to put it to the rear of the car grab the spare tire put it in position you 're going to center the spare tire on the wheel studs that 's what the lug nuts go so go ahead and do that lining it up you see it lines are pretty easy then install your lug nuts again clockwise is tight counterclockwise is loose so we 'll take them up by hand as far as they 'll go once the tire centered lug nuts are hand tight take the lug wrench again turning it clockwise to tighten the lugs to their firm not too tight because remember your cars up on a jack we would n't want it falling off with too much leverage of force insert the jack handle back into the jack turning it counterclockwise again we 're going to lower the vehicle again this will take some time but going down a lot easier than going up it seems to be going down easy you can just do it like this by doing it straight instead of having an angle but if it 's too tough you can angle it and get the leverage that you 'll need to lower the jack or to raise the jack turn the jack low enough you can do it by hand now that it does n't have contact with the frame and we can remove it now that the tires on the ground we 'll go ahead and give them that final type we 're going to start down here then move to the top one then back down over and back again a little star pattern making sure we have equal torque on the wheel stud ok what we have our spare tire on it set it up we 're ready to go a couple things to remember

Figure 8: <https://www.youtube.com/watch?v=j0Bmbh0AGSQ>

safety triangle put that behind the vehicle to warn other motorists first remove the spare wheel jack and wheel brace from the vehicle if the vehicle is equipped with a wheel chock use it to chop the diagonally opposite wheel loosen the wheel nuts before jacking if you're having a hard time trying to get them undone use your body weight find the jacking . the jacking . is different on all makes and models so refer to your owners manual make sure the jack is lifting nice and square if not lower and reposition do not risk it jack the car up slightly and place the spare wheel under the car just in case the car falls off the jack and remember to jack the car a little bit higher allowing for the fully inflated tire when trying to remove the wheel you may find it used



on with light rust some force may be needed remove the flat tire and placed under the cow just in case the vehicle falls when changing the tire never sit with your legs under the cap or put your hands at the bottom of the wheel before you get the spare wheel make sure the hub and wheel studs a clean free of dirt and grind fit the spare wheel make sure the wheel is located correctly on the hub this is extremely important some wheel nuts can go on two ways always remember to put the tapered part of the will not towards the wheel itself then put all the wheel nuts on and tighten them by hand before nipping them up with the brace yeah once the will not turn it up with a price you can start lowering the jack then you can tighten them properly when the carries down on the ground titan opposing wheel nuts after each other do n't go around in a circle use a star pattern now remember if your car was equipped with a space saver the full

Figure 9: <https://www.youtube.com/watch?v=0kfJ7Lu4tvo>

step 1 when changing a tire it is important to pick a location with a solid level ground to ensure the stability of the vehicle when being jacked up in our situation we are on concrete so we will not have to worry about that however if you are in an emergency situation like your tire blew on the highway pull over to the right-hand shoulder of the road and turn your hazard lights on make sure that your vehicle remains on the concrete portion if a car is jacked up on the sand or dirt portion of the shoulder the jack will sink which can cause damage to the vehicle as well as threatening your safety if you drive an automatic put the vehicle in park and apply the emergency brake if you drive a standard vehicle place the car in first gear and apply the emergency brake step 2 to locate the necessary tools needed to change a tire on your vehicle some vehicles require a locking wheel nuts before travelling ensure that you are aware of the location of this tool without it you will not be able to remove the locking lug nuts the most common storage area for these materials is the trunk of the vehicle lift the carpet and proceeded to remove the spare tire and the tire iron most vehicles will have the jack assembly underneath the carpet as well but in the case of this vehicle stored in a compartment left hand side step 3 start with the jack by placing it under the frame go see the tire that 's needed to be changed it is important to ensure that the jack is contacting the frame directly to avoid damage to the side skirt the majority of modern vehicles have a designated area near each wheel well the designated area is usually a pinch well in this case it is an indent you drive a truck or older vehicle there may not be a pinch weld available if this is the case jack the vehicle up from the frame step 4 proceed to raise the jack on to the pinch welds or frame until the cars from we supported without actually being raised into the air at this time make sure that the jack is firmly planted on to the ground so that it will not shit step 5 locate the lug nuts on your vehicle if your vehicle has hubcaps or a center cap you may have to pry them off depending on the design from here lugnut should be loosened but not completely removed as you can see the lug nut on the far right is a locking lug nuts this is why you will need the locking key and able to remove it from here lugnut should be loosened but not completely removed breaking the resistance of the lug nuts may take quite a bit of course depending on how tight they are step 6 fully raised the car off the ground by pumping or in this case cranking the jack the amount of clearance that you want between your tire and



the ground should be enough that you can freely remove the tire step 7 remove the lug nuts completely off the hub of the vehicle this may take some time be patient a quick tip is to ensure that you remember where you put the lug nuts there 's nothing worse than losing the lug nuts when you 're trying to put the tire back on step 8 remove the tire there may be some resistance when trying to take off the tire this is often the case when it is winter and water freezes between the wheel and hub do n't be afraid to give it a good nudge or kick step 9 take the spare tire and place it onto the hub matching the holes on the wheels to the week step 10 place the logs on to the studs of your tires to see to hand tighten the lug nuts until they are snug again this may take some time be patient step 11 tighten the lug nut securely for this 5 lug assembly the procedure in tightening the lug nuts will be a star pattern to ensure that the wheel is flushed with the hub assembly if you do n't do the star pattern you could run the risk of your wheel falling off step 12 lower the jack bringing the car onto the ground and fully tighten the lug nuts tightened em as much as you can but not over tightening them preventing you from removing the lug nuts in the future if you purchase a new wheel assembly it is best to have it installed professionally so that they can tighten the wheel to specification yeah step 13 put all the

Figure 10: <https://www.youtube.com/watch?v=11n4mQxwuaM>

C. Action: “pour coffee inside a cup”



and the upper chamber through your cup of coffee first fill the bottom chamber with cold water up to the line 2nd put the funnel filter in place over the bottom chamber like this and fill it with coffee grounds third true dat bob member onto the lower part and pso maker although the bls mocha expect if equipped with a pressure relief valve for maximum tasty stay close to talk maker while it 's brewing at the water is hating pressure is building up in the lower chamber forcing the water filter funnel and into the upper hand you know your coffee is ready and when you do n't hear the the cut meat flashing inside

Figure 11: <https://www.youtube.com/watch?v=KP9JiyN6QeY>

here so take our water just put it right in just below the hinge as i said now humans like the pop you really really strong so we 're going to take this your favorite espresso use blonde or whatever you find in your local grocery stores take a spoon and you 're going to want to fill it really really generously usually cubans actually passed their coffee down so you know just use your school and pat down and you pretty much want to fill it all the way to the top so it 's going to be about this it makes about 4 cups so you 're going to use it four tablespoons or so of coffee but as i said you just kind of make sure you fill it right up and pat coffee down now then we 're going to close our spring so and now it 's really important you put it on the smallest burner and when you turn it on you want to have the handle toward you so that it does n't get really hot as well alright so you 're going to turn your stove on not too high about like eight or nine then what we 're actually going to do is we 're going to take some sugar in order to make the phone now here 's what you really want to watch once you see the first little bit of coffee you 're going to want to basically mix it now he was like a coffee pretty sweet too so it 's going to be about 40 spoons since we 're making four cups of coffee so you fill it in this little um oh then you know you watch the coffee and make sure that once the first little bit of coffee we 're just going to pour it in that and mix it and that 's actually going to be our phone so let 's watch once it starts making that noise see it poured a little bit in so we 're just going to pour that out just that first little bit to make from that just put it back there just work me while we 're going to mix our sugar that first little bit of coffee yeah you can make sure the little creamy like brown frequency and then to add copyright in there so it 's really good so you see that 's all done we 're pretty much just going to turn the oven



off for safety first then we 're going to take coffee pour it into

Figure 12: <https://www.youtube.com/watch?v=xWV86LyJ8XI>

espresso cup size and the maximum amount of water regardless of the size of your stovetop make sure that you want to use is right up to this little . about you want to have this point of above the water level so concealed also inside i 'm gon na fill out the water then we take all fun and our grounds and we loosely building espresso grounds into the fun we do n't want a packet or templates for these makers because the maximum pressure they produce is basically whatever they can produce or boiling and this not very strong so in order for the water to percolate through the grounds we want to fill it up loose straight into the sun then we kind of use your finger to the little bit put the fun back into the corner and then just screw the top compartment on the . so that 's that that 's all we have to do for our espresso to put that and prepared the nuts so now we 're going to prepare on the property which is even easier as repair id expressed off with your stuff to espresso maker all we do is we take the milk frother take a look and feel the move into the prophet this is a 6 cup translate into about 32 fluid ounces completely filled but the way you want to do it is you only want to fill these about one-third of the frother up to a half that 's the maximization too because you need some here on top for the froth to expand of course and also to have some sort of their asses circulation and you can pretty much use any type of you want cold milk froth as well more milk frothers fantastic the perfect temperature for warm milk froth is about a hundred and forty-five 250 degrees fahrenheit not it is too hot it kind of changes the consistency of the milk and you kind of have sort of a light liquid that you do n't want so if you want to have a nice creamy cup of cappuccino with a nice firm and gary froth then you want to not exceed about honor and 51 note to the lid the lid is not sealing that 's not supposed to see so when you ultimately froth you will see some milk and spilling from expanding out of the edge of the lid which is totally normal is not one is better all over the place but it 's just not sealing the frother because it has to leave some into the frother to not create a vacuum inside otherwise you can fly and also to provide some sort of your situation for the front fix so spilling milk coming out of the side on the lids topless is completing so basically that 's all we have to do and all we just have to put it on the stove and it takes about 45 minutes so the next thing we have to do is simply take or soft of espresso maker put in stoke speaks on the heat source want to use a medium mind sitting you do n't want to exceed medium i you want to have a gentle process of brewing and it really does n't take too much time if you do i sitting so usually you mind sending that does n't burn espresso and as it could impact on the taste of your special then we use the body of our little profit without a bunch of course also put this so again also this case using a medium-high heat as i mentioned before the perfect temperature for frothing warm milk is about 225 250 degrees fahrenheit and i think it 's very useful to use a thermometer mean by doing it you kind of get a feeling when the perfect temperature is reached but the moment it really takes the guesswork out of it makes it much easier so i 'm using a thermometer put it on the side of a milk bottle put in the milk and if it reaches about 240 245 just switch it off and now this is the perfect temperature once the look reaches the appropriate temperature which again is about 145 250 degrees fahrenheit and one serious presses down brewing all



you have to do is take it off the stove and pour yourself another one a nice creamy couple of coverage we do recommend using off-limits to do so because especially if they made out of intense stainless steel the animals can get quite warm anyone make sure you 're so far things look is very easy all you have to do is you take your book and you take the plunger and the lid to live on the other plunger on the top of your father and you start talking you see i 'm doing very likely you can achieve different results if you fuckin longer it kind of creates a firmer from if you like i do cross just a few times you have a very nice airy froth that is done so all that 's left

Figure 13: https://www.youtube.com/watch?v=AzkF_avMUpo

i just fill up the filter basket to the top . like this . and you 'll probably actually want a little bit more coffee than what i put in here but you 'll just want to make sure that it 's nice and level and filling up the entire filter basket you do n't want to go over the edges you do n't want any coffee around the edges so i 'm gon na just remove the filter basket real quick because i have n't added my water yet and i would recommend actually doing that before you do what i just did so before i mess anything up here and spill coffee all over the ground i will resume once i have the water in there okay so once again you do not want your water being too high up there i 've used this little notch (pressure release valve) once again to kind of gauge how high the water should be . if the water is too high it 's going to come up into the filter basket before the thing is even heated so here 's my filter basket with the coffee . you do n't want to tamp this just keep it loose and is evenly distributed as possible . ok ? like that we 'll screw the lid on . so , one of the things i really like about this coffee maker it 's really easy to use one of the qualms that people have is that it 's all aluminum and whether there is accurate research or not people think that leached aluminum is terrible for your health i am of the camp that does n't believe that i do n't think there has been enough research that has shown that but even if it is bad for you i 'd much rather have aluminum in my final cup of coffee then unknown plastic chemicals bpa free or not so i 'm gon na show you how this works i 'm just gon na put it on the stove and have it running on low heat . the brew time itself is very very long in my opinion . takes at least 10 minutes but as far as portability goes this is probably the best option i 'm going to take this camping over my aeropress probably so i 'll get more coffee out of it it 's very good i think it 's better than french press so i 'll see you on the other end at the stove okay so let me first show you about how hot or how high your burner should be so this is too much it 's too hot i have it down to about here so very low-heat i 'm not sure how these are supposed to work on an electric stove . i think it 's fine but you 'll wan na check on that yourself with the manufacturer i think it says in the instruction booklet . other reviewers also have information on that but basically a very low flame is what you want once you start hearing that hissing noise you 'll notice that coffee starts to brew come out of the spouts here and it should come out in an espresso-esque color so you 'll see some creaminess but this is n't espresso . it does n't have enough bars of pressure to make it espresso , officially . hence , the moka name . so it 's a different type of coffee but a very good one , very rich , lots of oils so i 'd say it 's most similar french press but much more low maintenance . you do n't have to do any plunging stirring or any of that nonsense and it 's also much easier to clean , and i 'll show you that whole process after this is done brewing . so once it starts to brew , i 'll turn the camera back on so you can see what it looks like . ok. so we 're about 5-7 minutes in and you can already see the coffee coming out of the spout at the top and you can hear that sizzle if you will and here 's what i was talking about i do n't know if you see what 's going on but the flames are starting to go crazy because water is seeping out of the sides here so thats one of the downsides of this coffee maker . i do n't know if maybe i 'm doing something wrong and that 's definitely possible but it does n't seem really have an impact on on the overall output it does n't really create a mess . just something to note . some of that water is lost on the side so you can see or maybe you ca n't ... the very rich looking coffee . got something that 's close ... i mean it is n't crema . but it looks delicious maybe that 's where it gets its moka name ... the dark color of it the question ... this is another downside you do have to keep an eye on this thing because once the coffee stops coming out of the top there or it starts to look clear that 's when you want to take this thing off the heat . so you 're not going to get any beep of course to tell you when it 's done , you 'll just have to keep an eye on it . so already it 's starting to look a little bit thin and watery so i 'll want to be taken it off the burner any second now . in fact , i think i 'll do that right now



so there 's a look at it i 'm gon na pour it out to show you what i was talking about

Figure 14: https://www.youtube.com/watch?v=_klfstt_Y1o

underwater and that can i do have quantity and again they will do a full quantity and you have to put coffee right up to the top effector we're going to keep it keep and he but we're using cream abuse both just good for stovetop show you i show you so it's like a bajillion degrees outside which for seattle's like 85 degrees and we have a this hot plate going here at full boss in order to pre toast it and i just wanted to give a shout-out to get williams for fixing the air conditioner before this happened hey baby i got it i got a table is going to the we're reading hours were filming a portion of that does n't like usually i'm gon na pick up your conditioner for rimmed and she's been working like probably thinking man get off it was n't with the heat out and then this guy on we'd be sweatin bullets in about three weeks it's been working like a charm have n't touched it so you just did a super so that process of putting it on kind of tampa and coffee down yeah alright and now we're going to send it over to the edge of the handle does n't get real hot and we're just going to wait for the borough oh i'm now she's a girl and i'm going to go look see everything they would say no so you can see the copies coming up in there ok ok so i think we can turn turn the heat off and it's just going to keep it's just going to be doing its thing yes that's cool stop your girls ready okay here till you're going in there girl she's not quite done yet yeah when you think about this is just a great thing to do for camping or it's great on it like i've used this like on an actual wood fire camping that's right that's how hardcore i am yell how old you are great really you know what i was gon na say nobody nobody does but for camping you were but they do you do of course they do when they're not in there are bees who i'm just i'm just a purist how's that yes then you sleep on the ground and let the bugs crawling rio right well you know i did live in the jungle for a while and after you live in the jungle you realize the little bugs we have here enough and no you realize that this planet belongs to the insects were just living in it that we can find a little this great yes yeah we think we're on the show it's not makes and the oh yeah but it's really then that they still do it thinking that eddie look towards me yeah-huh no coffee coming apart on the stand still yeah okay got a lot to finish up and think you've been keeping keeps on giving love does n't also one of my tagline scale so this guy is i should say when



you buy any of the stovetops they'll be like 4-cup 6-cup 10-cup now if you're thinking it's like a big old mug of coffee you're going to be very sad no i'm so these we hope it is n't clear full so these are really supposed to be for like dilution almost like this is kind of espresso that and would like to add coffee or re

Figure 15: <https://www.youtube.com/watch?v=yT--3Xf1GdM>

D. Action: “open an oyster”

seven calories per serving now set your oyster on your dish towel flat side down and into the knife into the hitch slip the knife down in a tad then across keeping close to the top of the shell this should cut the muscle next slide the knife under the body



of the moisture cutting the muscle attaching it to the bottom open the oyster and remove any bits of shell you find around the edge and want to make sure you do n't tilt losing those wonderful juices that are natural to the oyster oyster should smell salty and briny like the sea if not toss it out here was the top muscle that we cut and i kind of did this a lot faster but i 'm trying to move slow so you can see and you saw that we did move our knife underneath the muscle and you may have to play with it a little bit to get it down but you want this to be

Figure 16: <https://www.youtube.com/watch?v=97T1Pp4-zyE>

ankle right here and usually can see the lip right here when i do is i press on it and i turn it like this and once i 'm deep



within it then i turn and i twist slightly just to open it and here you see it opens like this slide my knife inside to cut the muscle then i

Figure 17: <https://www.youtube.com/watch?v=1zc0TL3V-xo>

cloth so that it does n't slip take a shocking knife and insert the point at the hinge of the oyster towards the narrow side waggle the knife as you force it into the oyster take great care as this can be very difficult once you have sufficiently inserted the knife you are able to lift the oyster using the knife alone turn the knife along the left side of the oyster until the hinge breaks open then run the knife along the right-hand side so that the adductor muscle located here is separated



from the shell once the adductor muscle is severed the top shell will lift off the adductor muscle is still attached to the bottom shell so run the

Figure 18: https://www.youtube.com/watch?v=qchyv_HrSHc

so the oysters on flat top side is down moisture goes over your night will go in as far as it can go you can see that 's the natural angle common mistake would be to open it this way and the night could slip and possibility of hurting your hand so look at how the night goes in about 10-15 pounds of pressure and then turn it away from you you do n't want to go into the oyster you just want to pop



the edge just like that and then we 're going to open it with a like up like opening up a pain camp and then we 're going to scrape the top of the shell to release that muscle from the show there you have perfectly open up boy stur and there 's the muscle we 're talking about and it 's going to

Figure 19: <https://www.youtube.com/watch?v=kI87Sprn6h4>

you need to protect your hand pretty carefully when you 're doing this and i recommend using a cloth just to hold the base of the oyster and then what i 'm going to do is just start at the hinge and i prefer the hinge but you 'll find that fishmongers may go in at either tend to all 10 pass you at the oyster either side but the key thing is to get a really good hold the oyster so you twist the knife just to get it really really good grip in there and once you 've done that you can either twist the knife or just leave her up when you do this you need to release the pressure so the night does n't split the slip and cut your hand so



in and leave her up to remove or loosen the top shell i 'm then going to just take the knife across there just to release the top part michelle and that can come away be very careful you do n't lose all that fantastic juice in there and double check for little shards of shell which object can be present to crunch on so you want to make sure those removed to make it easy to eat these you can just take the tip of your

Figure 20: <https://www.youtube.com/watch?v=CPJz4pW0uns>

E. Action: "place a plant inside a pot"

step 1 . before transplanting a plant into a new pot , even out its shape by trimming away any excess growth around the top of the plant . transfer your plants outside , or lay down a tarp or sheet so that you can easily clean up excess soil . step 2 . sterilize the new container by using rubbing alcohol to avoid the spread of any disease . once it 's dry , fill about one-third of it with potting soil . it is n't always necessary to buy new containers . old containers may fit a different plant . just be sure to sterilize them first . step 3 . while holding the plant at the base of the stem with one hand , use your other hand to tip the old container upside down . make sure to support the soil surrounding the plant as you tip it upside down . tap the bottom and sides of the container to release the plant from it . once the plant slides out of the container , turn it upright . tapping a stick around the edges of the pot can help to loosen the soil and give the plant some breathing room . step 4 . with the plant still in your hand , gently pull away the old soil until only the roots and plant are



left in your hand . step 5 . now place the plant in the new container , filling and packing soil around it until the soil is even and about a half inch from the top of the pot . step 6 . give

Figure 21: <https://www.youtube.com/watch?v=CAzWyg2ENUc>

to use new soil when repotting although a new plant comes in a container not only are they fairly an attractive but the playable quickly outgrow it so you want to choose a different container of course you can buy containers in every size shape and color but think outside the box to get creative and recycle if someone is a fan of bowling use an old bowling ball bag as the container in all instances you 'll have to drill or cut a hole in the bottom of the container to allow for proper training some ppl makes their own potting soil and you can find recipes online or simply pick up potting soil in a garden you 'll want to provide optimum drainage so the plant with people have used all types of materials for drainage such as rocks broken pottery pieces and even packing peanuts however now there 's better than rocks it 's a one hundred-percent recycled plastic mesh that is placed at the bottom of the container it improve drainage prevents the drain hole from getting clogged and it helps oxygen reach the roots which is necessary for the plant to absorb nutrients therefore you 'll grow healthier plants better than rocks is also practically weightless making your containers much lighter after providing adequate drainage and potting soil put a small amount in the



bottom of the container add a little water then place the plant in the center and add more soil around the sides of the plant press the soil down and add more

Figure 22: https://www.youtube.com/watch?v=pJFnO_3xCKg

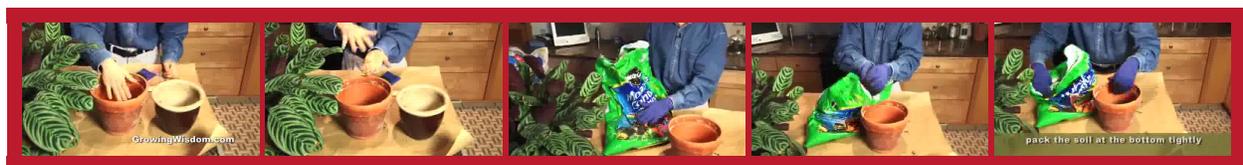
babies loosen your compost so its life in the area each container should be three quarter full and lunch the size of your plant remove the plants from the past and loosen the old soil away from the roots the yellow plant has very shallow roots so do n't be alarmed but their small size he 's away any small daughter plants from the main one again do n't worry about the amount of roots on each small plant



make a hole in your compost and firm the plant in place once the plant is in place couple with more compost and burn in the game the small plants can be planted together in a large shallow part alec plant prefer space to spread

Figure 23: <https://www.youtube.com/watch?v=vvyMZixlrTk>

the bottom here obviously i ca n't put the soil directly in there so i take an old piece i you know i have pots that i broke in they drop on the floor you could take a stone and you just want to put that in the bottom what that will do is it will stop the soil from running out as you water it but it is not going to stop the water from running out of this parts about an inch higher than the old one so if i were to put this in the bottom what 's going to happen is it 's going to be too deep you want the plant sitting at the same level that it was in your previous pot so how we gon na do that well we 're going to put some soil in the bottom and we 're going to raise



the soil level up so that when i place this plant in the pot it will be just as high a general all purpose soil is pretty good for a plant like this prayer plant that we 're using we 're going to estimate about how high up i want this and one of the things you want to do you really want to pack that down one step before i finally put this in i want to tease the roots we want to encourage some growth so now we put this in i 've got a little bit of they 're at the top of the plant so that when i do water it 's not going to run out the sides are over-the-top you have your soil and what you 're going to do is you 're going to pack this in and it 's very important that you pack it in very tightly if you have like a little too like this a small spade you could use that to help get the soil down in

Figure 24: <https://www.youtube.com/watch?v=VBEqb9QHDT4>

in first thing i 'm going to do is take a shard place it over the hole in the bottom of the pot making sure that you do n't completely block up the whole water still needs to be able to get out of it or your plant will drown next you take a look at how big the pot is that the plant is currently in and how big the pot is that



you 're going to put it in you want to make sure that the plant is going to be sitting in about at about the same height in the soil so you need probably to put some soil in the bottom of the hole first add some soil that looks like about enough soil the next step is to take the plant out of the pot is currently in this is a plastic pot so it 's going to be pretty easy to do if it were a terracotta pot it 's a little harder you have to really use some elbow grease and sometimes if it 's been in there a long time you even have to break the pop with this plastic pot though it 's simple give it a couple of good pumps to loosen the pot and then help the plant pops you want to loosen the soil on the bottom check turn the plant around make sure there are n't any roots that are going all the way around the pot if there are you need to tease them out or sometimes even just cut them it wo n't hurt the plant at all it 'll just grow some new routes now it 's time to pop it in its pop and pop it in and that looks like about the right height when you 're putting a plant in a pot you do n't want to put it right up to the top level of the pot or when you try to water it the water will just run right out i 'm going to back fill with our potting soil making sure to push it down and loosely you do n't want to pack it in because that 'll get all the air out of the soil but you do want to make sure there are n't any big giant holes down in their plan to shake and a tap settle it in there and that 's it the last step is to give the plan to drink of water you want to make sure that you water it thoroughly until water is coming out of the holes in the bottom of the pot it 's

Figure 25: <https://www.youtube.com/watch?v=67r-RFN0nho>