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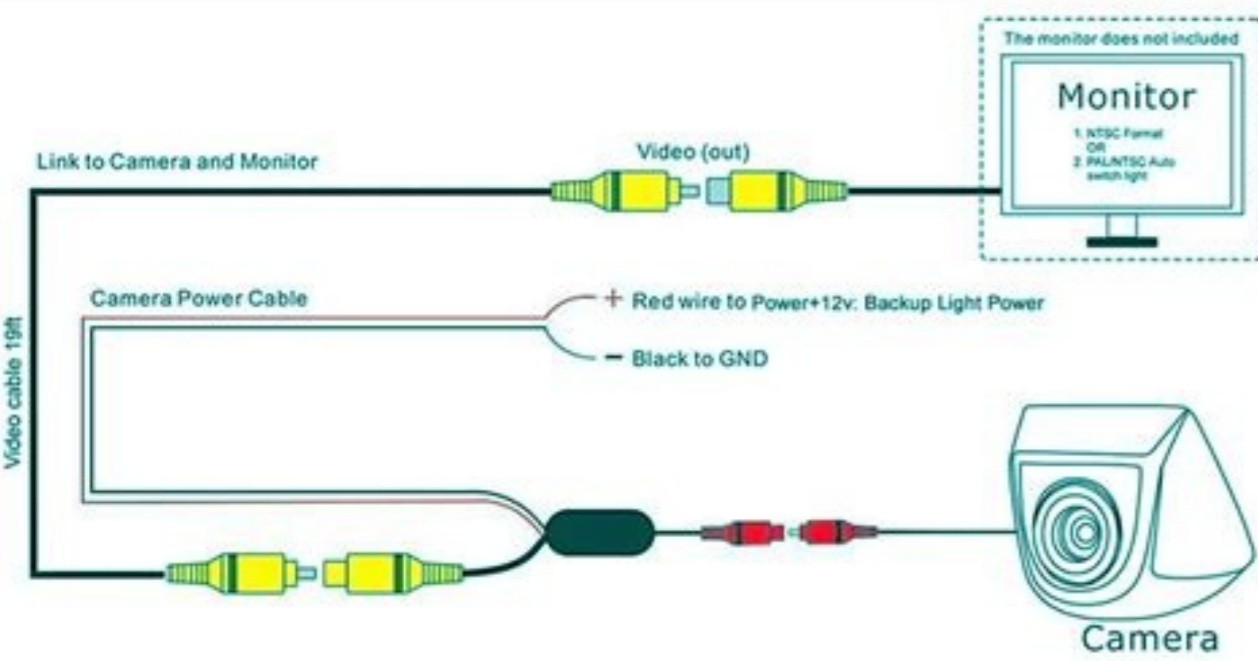
Rear view camera installation instructions

Boyo rear view camera installation instructions. Pioneer rear view camera installation instructions. Kogan wireless rear view reversing camera installation instructions. How to install rear view camera.

Looking to do your first backup camera installation? You've come to the right place. This guide will walk you through the steps of purchasing, planning and preparation of your vehicle, and finally, the installation itself.



While we include specific step-by-step instructions with our products, be sure to follow the instructions for your specific backup camera model. The process is straightforward if you're a bit handy, read through this guide, and prepare. If you feel uncomfortable with the process most people can still save money purchasing a kit and having someone more mechanically inclined install it, rather than taking it to the dealership. Table of Contents: 1) The One Minute Explanation of How Backup Camera Installs Work Every backup camera installation follows roughly the same few steps: 1) First decide which type of backup camera you want. There are many types of backup cameras you can choose from depending on your backup camera mounting options and rearview camera system power needs. You can choose between wifi models, or hard wired models (more reliable) that link up to an auxiliary screen. (We cover the pros & cons of wired vs wireless systems. We also have a wide selection of high quality OEM replacement backup cameras that will provide an equivalent experience to your current camera. There are also a variety of fancier DVR and integrated safety equipment you could choose from while you're at it. Options with a wider feature set will of course run you more, but could save you thousands when dealing with insurance. More importantly they will help keep you and your family safe. 2) Next order your preferred backup camera, read the instructions, & prep your work area. For OEM like backup camera replacements you're going to want to be extra sure you have the right model. Broadly speaking, no matter what camera system you choose you'll have to then do the following: Depending on your chosen format for viewing the video you'll need to either: Install your selected monitor onto your dash or preferred location within your cab. Remove your current rearview mirror and install the new unit you've selected. Remove the panels necessary to gain access to your car's head unit so you can wire your camera appropriately or install your wifi interface module. Then you have to run the cables for either power, trigger wire, or video feed (depending on your configuration & monitor) to the back of the car. Afterwards you have to mount and install your backup camera in your chosen location. From there you need to decide on your ideal way to power your camera, by either hooking up to the reverse light power (most common but this provides the least weather resistance) or powering with a connection in the cab. 3) From there you should be able to test and make sure everything is working as intended. In most cases you'll want to be sure the system is fully installed before testing your install. 2) Backup Camera Installation Costs If your camera has bitten the dust you're likely asking yourself: How much is it to add a backup camera?



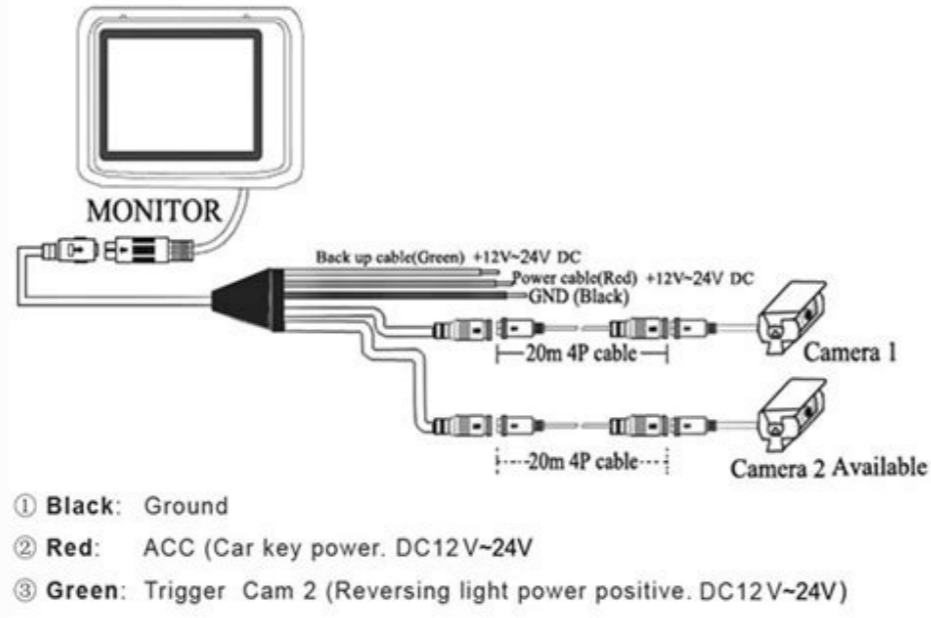
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But having a good plan is going to go a long way. First, you need to decide where you're going to want to look to see this backup camera. Installing a display in your dashboard or radio console is a whole different kettle of fish, one of which we will address in a later guide. For the purposes of this example, we're going to assume you've acquired a rear view mirror kit or one which you can mount on top of your dashboard or to your windshield. There are advantages and disadvantages to both, so we won't advocate for either here. However, we do recommend that if you've bought a kit, use the monitor that comes with it, as that will make things much easier. Next, you have to ask: Are the provided cables long enough for my car? It's better to have too much than too little, because you can always trim it down or secure extra wire. With too little wire, you might find yourself out of luck right in the middle of a project. Make a rough measurement from where you're going to place the camera back to your trunk/license plate area. That will roughly correspond to what you need, and make sure you have a few extra feet just in case. All of which is to say, make sure you chosen kit will actually fit in your car, truck, or SUV. While we include plenty of high quality wire in our kits, you can typically tell a low quality backup camera kit by how much thought went into the connector wires quality. Before you get started you'll want to read and reread the instructions. Installing a camera should be painless if you know what you're doing, and have familiarized yourself with the process. And with that, you should be ready to start your installation. Next, we'll move on to how to install the backup camera. 4) Sample Wiring Diagrams Below is an example of what most backup camera installations look like when using monitors. Below is an example of what most backup camera installations look like when using rearview mirror monitors. Below is an example of what most backup camera installations look like when using OEM fit components. 5) Assemble Your Tools and Equipment for Camera Installation For your tools, you'll need a power hand drill, an appropriate bit for drilling holes to feed cable, fishing tools can be helpful, and the right size rubber grommet (a cylinder of rubber that will protect the cables from being damaged by the sharp metal edge of the hole you're going to drill) & ties can keep things secure. Your backup camera will likely come with the necessary cables (usually camera and monitor female/male RCA cords with connectors for video, power cables, ground wires, and potentially a trigger wire). If not, you'll probably need to purchase these, and most can be found at a hardware or A/V store. Finally, a crimper or wire stripper will be useful to have on hand. Ever car and camera kit will be a bit different but generally speaking you should be covered if you have the following tools on hand: Hand drill with drill bits for drilling metal (preferable high speed bits coated with titanium oxide) Torx set Wrench Set Safety Goggles Flashlights Standard wire stripper/crimper Torx socket set Razor knife Socket or nut runner set Trim removal tool or small plastic putty knife Soldering iron and solder (optional) Shrink tube (optional) Finally, if your kit didn't come with one, you'll need to purchase a monitor, but it helps to figure out the next step before doing so. 6) Sample Installations We'll include a general walk-through of an install here, but you can also check out some of our specific product guides for installation below. We have complete installation guides for our products below: Install Example for a Backup Camera with a Monitor Your backup camera is most likely going to be installed just above or on your license plate. We'll start there.

Here's what to do: Remove the interior panel of your trunk. This is likely hard plastic or rubber, and you should be able to use a thin tool like a flathead screwdriver to pry it off. This won't break anything, and it will give you a good look at all the cables necessary. Most things can be fished out, if you're snapping plastic you're getting too aggressive during the install. Remove your license plate. Making sure you're not going to cut any existing cables, drill a hole from the exterior side of your trunk that will be large enough to run the necessary cables through. You'll add your license plate back later, but it's a good idea to make sure that if you're going to be installing the camera over the plate that you won't be blocking your license plate number. Insert the rubber grommet you bought earlier. Now you're ready to start running and connecting wires. Running and connecting wires Here's where we start to figure out how to power a backup camera. Let's go! Run the camera and power cable through the hole into the interior of your car. Locate the reverse light wires for your car. This is a tricky step, and you want to make sure that you do a good job. This is how to connect a backup camera to the reverse light. Make sure to double check your owners manual to ensure you've located the right one. Strip the positive and negative wires on your reverse lights (make sure your car is powered off before you do this). Using a small screwdriver, separate some of the strands of the stripped wire, and splice in the power cable for your backup camera to them. Usually you can do this by looping the wires together. Make sure positive is connected to positive and negative is connected to negative. Once you've done this, cover everything in electrical tape. Connect the RCA cable to the camera's cable, and run it all from the trunk to the fuse box area at the front of the car. This is usually located to the bottom left of the steering wheel. You can conceal the cable underneath the ceiling panels of your vehicle if you want to peel them back, or if you don't care about aesthetics, just attach it to the ceiling of your car. Mount the Monitor Next step is mounting your monitor. It may be one that mounts to your rearview mirror, or one that mounts to your dashboard. In either event, following the mounting instructions that come with the device is your best bet. If all else fails, this backup camera installation guide can be very helpful. Connect the RCA cable to the RCA output on the monitor. You may also need to run a trigger wire up to your monitor, or even power it through the same source as the backup camera.

(Again models will vary.) If the monitor requires it, you'll likely need to install a fuse tap, which will allow you to connect the bare wiring of your monitor to the power of your fuse box. See the guide linked above for good instructions on how to do this. Mount the Camera Get excited, because we're on the home stretch. All you need to do now is mount the camera itself to the back of your license plate or trunk, connect the appropriate wires (RCA and power) and you should be ready to go! 7) Testing time Time for the dry run. Before you reassemble everything in your car, run some different configurations of driving conditions to make sure that the camera is functioning properly. Put your car in reverse to test and make sure that the camera is powering on when it is supposed to, and also test your brakes to make sure you didn't wire the camera into the wrong cable (you don't want it coming on every time you pump the brakes). If you encounter any issues you might want to reference some of our basic support guides like: Troubleshooting a backup camera that's not working Troubleshooting a blurry backup camera Troubleshooting a foggy backup camera If you're experiencing problems, double check the manual and remember that most problems in environments like this come from bad wire splices, bad connections not tying off unused power cables. Start there, and continue to troubleshoot until you have a functioning backup camera! Getting the job done right! Camera Source is your #1 provider of backup cameras and camera solutions. If reading this guide makes you want to install a camera of your own, browse our products, or get in touch with us for more information. Backup camera is a good safety option for reversing, because you can easily see the area behind your car.

If you have children / obstacles / others behind your car, you can see everything with the help of the backing camera. Learning how to install an inverted camera is important for the user, because he can understand the working principle of the rear view camera, and is more conducive to the inspection of the failure of the camera. Rear view camera is divided into wired and wireless, and divided into rear view camera special and reversing camera universal car, but the rear view camera wiring method of reversing camera installation is consistent. Every trendy automobile owner must study backup camera installation guide to find out the way to move it. There are totally different styles of rear-view cameras on the market. At first, you have got to search out the simplest backup camera. Most of those rear-view cameras aren't troublesome to put in. Backup / Rear view camera installation guide images You can do the installation by yourself once reading the installation guides or look video tutorials regarding a way to have them put in. once reading the tutorials, you'll be able to perceive the assorted elements it needed and skills these elements work. Backup / Rear view camera [installation Wiring Loom] Feamal RCA (Yellow) + RCA Extension Cable (Red:12V +(Red) To backup lamp power and To reverse monitor/GPS Cable)) + Video Adaptor Cable Female Poer Connector (Red) + Male Power Connector (Black) GROUND (Black) To backup lamp (-ve) Rear view camera wiring images Backup camera trigger wires installation guide For the installation, you need the following items and they include: RCA cable The power harness The camera These area unit the foremost vital things you need, there can be a couple of others. Backup Camera RCA Cable This is another item required for the backup camera installation. This is discussed in the camera section and it usually includes the yellow RCA video cable. this can be used for video association.it's function is to trigger the monitor from the camera. The cable long can vary and it will vary from 45cm to 65cm long. There are instances wherever the cable may be blank oxide. it's a raw lead, and it may be used for various things. Moreover, it's necessary to state that in the installation method that these cables are used otherwise. as an instance, the yellow inputs are meant only for the video signal whereas the red and therefore the black input is intended for power then on.

Rear View Camera The Power Harness The power harness is another instrument you need for the affiliation and therefore the installation. This includes DC power connexion. It includes of twelve volts power lead, additionally as black ground lead. this can be chiefly a male DC power connexion. It additionally includes feminine twelve volts power pin then on. Backup camera The camera is that the most vital item you would like throughout the installation. The camera is comparable to the monitor. this is often as a result of they need similar options cherish single cable and DC power plug as well as yellow RCA wire. you would the backup camera to watch the Rear obstacle as you Reversing. Rear view camera, additionally called a backup camera, helps you to see what's behind your vehicle while not having to appear backwards, although the device comes commonplace with several new automobile models, you'll be able to add a rear view camera to your vehicle if it didn't accompany one. Backup camera installation guide: Furthermore, it's vital to inform the users that the monitor might not have trigger wire, this doesn't recommend that it will solely be used manually. this is often not the case. Most monitors aren't fitted with trigger wire which is as a result of they possess what's called video sense feature. The video feed will continuously build them run mechanically. If you want to continue installation, here are some steps and procedures. You must comply with this. Rear view camera/Backup Camera Installation processes: 1. Cutting holes on the safety box The first phase of the installation process is that you have to attract the power to the monitor. You only need to connect the red line to the volt power, and then connect the black line to the ground. To send the power to the monitor, you must go to the fuse box. The way the monitor works is determined by the trigger line used for connection. The best way of installation is to connect it to the positive side of the vehicle reversing lamp. When this is opened, the monitor will automatically open whenever the gear is placed opposite. If you want to install it for manual operation, you do not have to connect to this operation. You can connect on the source, which means that whenever you open the key, the monitor opens. As long as you turn off the engine, it will flameout. This mechanism is the best for those who use commercial vehicles. 2. Installing the backup camera: You just saw the first step of the connection. The second step is not the same as the first. For this connection, you simply connect the A4 harness to the output of the camera, which is usually regarded as the A4 wiring harness of the female output. 3. Connecting power to both the monitor and the rear view camera: In this step, you must send the power to the camera by simply connecting the red line to a 12 volt power supply. Alternatively, you can connect to the positive side of the reverse side of the vehicle and connect the black to the ground.

4. Monitor installation When you are convinced that the monitor has taken the power out of the fuse box, the camera will also draw power from the reverse taillight. It is time for the system to work. Connect to the camera, then use the standard yellow cable (also known as the A5 cable) to continue the connection. When connecting, please refer to the information provided above, because it will guide you to complete the connection process. When you know that the connection has been passed, the next step is to clean up the connection. Whenever it opens the key, or when it reversing, it will start working. Rear view camera installation Guide 4 steps 1. Connect the positive and negative power provide wire of backup camera installation with the positive and negative leads of Backup lightweight (Backup Light). When the backup lightweight activates, the backup camera activates furthermore. Note: don't connect the ability provide wire of backup camera with visual signal or Tail lightweight. 2. Connect the backup camera video cable with the backup camera / rear view camera install RCA video input cable from radio harness. Note: don't connect the backup camera video cable with Video-in RCA input cable from radio. 3. Connect the Backup (Back) Camera police investigation lead (Blue color or Orange/White modify totally different model) from radio harness with the positive terminal of Backup lightweight. When the radio detects the backup lightweight is on by voltage, the radio switches into backup camera input mode mechanically. Some of the backup cameras' video cable hooked up (confer with underneath image) with a trigger wire to increasethebackup camera police investigation result in the positive terminal of backup lightweight. 4.If there's not a trigger wire from the video cable, you would like to own an extension wire to attach the backup Camera police investigation lead and positive terminal of Backup lightweight. Note: This wire affiliation is that the most vital step for the installation Guide. If the radio cannot switch into backup camera input mode mechanically once the backup lightweight is on, please check the barge between the police investigation lead and trigger wire or the matter that the trigger wire broken some elements. Best Backup / Rear view camera wiring & installation Guide Video based connection system The backup camera installation guidelines discussed above do not apply to video based systems. It is a system based on the trigger line. The connection discussed earlier is almost the same. When you want to make video based connections, the first thing to do is to master all the components. This will help the installation process. assembly For video based connections, you need the following items. They include the following: