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# Canon 580ex ii manual zoom



How to get back Auto  
How to get back Auto  
But when I press the button nothing happens. No flashing of the zoom parameter. We test EOS Webcam Utility  
How to get back Auto  
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- **canon 580ex ii manual zoom, 1.0, canon 580ex ii manual zoom.**

# Canon

## SERVICE MANUAL



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I have noticed that my flash is. Current setup is two 600 exs syncing ov. If I pull sleeve out I get 14mm I have noticed that my flash is very weak. Looking at it I notice that it is stuck at Mzoom 14mm. I have tried to reset all of the functions however this one wont seem to go away. Even when I reset it mounted on my Canon 5D Markii under flash function settings, zoom is hard set at wide panel. I do not have the option to touch it. It is greyed out and when scrolling down it skips over that function. Any ideas I have been googling for a while and this group seems to have the best responses to questions. Thanks, BI bet they arent fully back in place. This mode always sets the flash to the widest setting so it can trigger the widest set of slave flashes. Try long pressing the zoom button then setting master funny Z shape to off and see if that makes a difference. The look on my face when I pushed in the card and diffuser and the screen stopped blinking at me. I thought it had to be a coincidence. I feel so less crazy now, Im not the only one. I replaced my wide angle diffuser as it was broken and the problem persists. I have a 600EXRT Its stuck to Manual 14mm in standard 90 degrees position or I get a WP warning if I bounce it or press the bounce button even if the wide panel is pushed back I tried to press the Zoom button but nothing happens. No flashing of the zoom parameter. If I go into the Flash Function settings, it wont let me enter the Zoom WP function, and the same happens in the Flash C.Fn settings. I tried to clear all the settings, pull the wide panel out and back in multiple times but nothing happens. I have another speedlite and all seems fine there. I tried all of the above but that doesnt work.

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# Canon

## SERVICE MANUAL



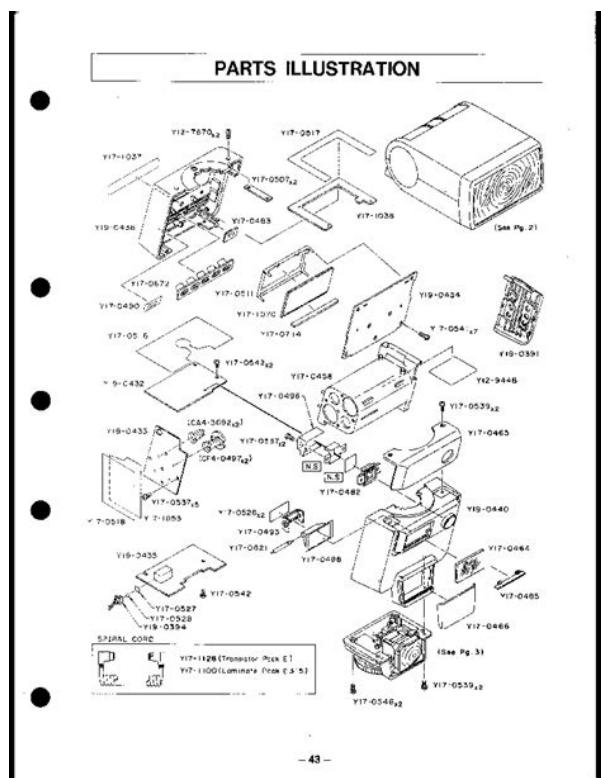
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By setting the flash to autozoom or to a flash zoom setting wider than the focal length of the lens, the light coverage is much more even across the frame. As the lens is zoomed in or out, or in the case of a prime, when it is attached, the data is transmitted to the Speedlite. This automatically zooms the flash head to the nearest wider setting to ensure correct coverage of the fieldofview. When the diffuser is enabled, the flash head automatically zooms to its widest setting which, in conjunction with the lightdiffusing panel, produces a wider angleofcoverage of the light. Some require you to set the focal length manually with either a push button or slider switch. The Speedlites with autozoom are the 540EZ, 430EX, 430EX II, 550EX, 580EX and 580EX II. If you do set the Speedlite manually, be aware that the next time you switch your flash on it will still be at the

same setting. Depending on the conditions and the lens you are using, you may find your images are underexposed because the flash simply isn't powerful enough to light the scene. The flash illumination from the 105mm Speedlite zoom setting will give enough light. This will have the effect of increasing the flash guide number. For example, a 50mm lens on an EOS 20D has the equivalent fieldofview of an 80mm lens on a fullframe camera. If you use one of the older Speedlites, like the 550EX, although the fieldofview is equivalent to that of an 80mm lens, the flash setting will still be automatically set to 50mm. This means that there will be light falling on a wider area than needed, wasting flash output. This leads to more accurate flash exposures, a quicker flash recycle time and more flashes per set of batteries. Privacy statement. New posts will not be retrieved. There may be an issue with the Instagram access token that you are using. Your server might also be unable to connect to Instagram at this time. Error API requests are being delayed for this account.



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There may be an issue with the Instagram Access Token that you are using. Error No posts found. Make sure this account has posts available on instagram.com. The 580EX II is Canons topoftheline, professional grade external flash There are very few features missing in this one. And since image quality is ultimately important to me, my biggest concern is what my flashexposed shots look like. So, getting down to business. Since the flash head working area size is nearly identical between the two flashes, original size of the light thrown by them is going to be the same. The amount of light thrown; however, is always the question. How well does the ETTL exposure work Using my original 580EX flashes and a new 580EX II, I tested various scenario, camera, lens and setting combinations including the With the camera in M mode, the 580EX II is giving me images that are .3 stops darker on average with a rather small standard deviation. I didnt notice any change in exposure comparisons with the flash head in the bounce position. Of course, a little flash exposure compensation results in identical results in most circumstances. In this scenario, the original 580EX completely blew the highlights, while the 580EX II exposed at over 1.5 stops lower slightly too low, but retaining the highlights. In nearly all cases, would pick the 580EX II exposure over the 580EX without FEC by a slight margin. What is more noticeable to me is the lack of sound during the

recharging phase. I've grown accustomed to listening to the whine of the charging flashes I can audibly tell when they are at full power and know when the batteries are nearing the end of their charge. I definitely like the new, very professional quiet charging, but I need to relearn my flashready indicators. I should note that the flash is not soundfree as the zoom flash head still makes noise. The flash head zoom noise is higher pitched. I wouldn't call it louder, but it is possibly more noticeable sometimes.

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Bad in that it will still be the part that breaks, but good that your camera likely will not be the part that breaks a broken flash beats a broken camera any day from my perspective. The longtime standard plastic foot is shown above left the new metal 580EX II metal foot is shown above right. This is Canon's first weather-resistant flash. Dust and water resistance is a feature that is going to be in heavy demand from sports and photojournalism photographers. The final sealing at the camera's hot shoe requires the changes implemented in the announced at the same time and appealing to the same photographers. Users of older and nonsealed bodies will not get this final sealing protection, though the rest of the flash is sealed. A little tape can probably remedy this issue for older weathersealed bodies. Rubber covers seal the external ports for external power and the new, greatly needed receive only PC terminal Pocket Wizard RF remote users know what this port does for them. The PC terminal is located just above the foot on the flash's left side. Simply thumb slide the lever from left to right until it clicks into locked position. Feet lower to tighten the flash solidly onto the hot shoe and the locking pin is lowered. A lock release button is located just to the right of the lever making unlocking easy. The new lever is faster to use I like it. Newer Canon DSLR bodies have the ability to control the flash from their menus this becomes the easier method of controlling this flash option. Note the adhesive Velcro shown on the original 580EX above left is an accessory used to hold certain flash modifiers in place. Small changes include a repositioned wireless slave sensor and a reconfigured AF assist beam emitter. The 580EX II weighs 1 lb 2.6 oz 525g with 4 NiMH batteries installed compared to 1 lb 1.4 oz 490g for the 580EX actual tested weights. The 580EX II sports a new power switch design this one rotates instead of sliding.

<https://gameanglinginstructors.co.uk/images/brother-dcp-8065dn-manual.pdf>



The new one is a little nicer and likely easier to seal, but the physical change is not significant from a user perspective. The flash body finish is slightly more textured than that of the 580EX. The built-in meter measures reflected light and turns off the flash when the proper amount is detected. Metered off a gray card manual flash is also available. A custom function menu setting is used to select the external metering modes. High speed sync is not available and no preflash is fired in the external metering modes. My comparisons showed external metering, even from a 1D Mark III, to be significantly underexposed typically 1.5 stops or so unless the subject was very dark. ETTL II and the previous ETTL are Electronic Through the Lens metering modes that fire a preflash to determine how powerful the immediately following actual flash needs to be. This is Canon's very easy-to-use automatic flash. Some people love it and some don't I personally like it very much. And likely many more models by the time the 580EX II is retired. ETTL II advances ETTL by incorporating distance information from newer Canon lenses into flash exposure calculation. This flash also passes color information to the camera. With the camera in M mode, the flash will provide the light necessary to get a proper exposure. This is the easiest mode to use for flash as the main light stopping even the fastest action in the dark. Camera and subject motion can be issues in this mode unless a custom function provided only on some cameras is selected to increase the shutter speed. Tv mode is similar to Av mode. I'll let you explore the rest of the modes available on your camera see your camera's manual. If your subject distance is consistent for formal portraits for example, a manual flash output setting can eliminate shot-to-shot exposure variations. Using the control dial, it is easy and fast to set manual flash power output. Become familiar with this mode.

In this mode, the 580EX II fires a rapid series of flashes as setup in the menu. Unleash your creativity with this one. Modeling flash is available with the DOF Preview button. This is a very nice feature. Every time I change batteries in the 580EX above left, I have this little fear that I am going to break the battery door off while trying to get it open. Fear no more the 580EX II has a new door above right. Slide the round button sideways and then down the battery door springs up for clear access to the 2x2 square not staggered oriented AA batteries. This is the way it should have been in the first place. The 580EX II is rated for approximately 100 to 700 shots from new AA size alkaline batteries which deliver a fast recycling time of approximately 0.1 to 6 seconds. For quick flash firing

a notcompletelycharged flash, recycle times range from.12.5 seconds again from new AAsize alkaline batteries.NiMH batteries have much less internal resistance than alkaline batteries resulting in significantly shorter recycle times up to 50% faster. NiMH batteries also give more consistent full power until they are discharged while alkalines will recycle the flash more and more slowly as they expend their life. Adding environmental concerns and cost to this equation should make the decision to use NiMH batteries a no-brainer. Buy lots of them and use them in everything you own that accepts them get a smart charger such as is made by Powerex.A newatthesametime weathersealed Compact Battery Pack CPE4 or the older nonsealed CPE3 can be used for faster charging and more flashesperbatterychange. Chuck Westfall Canon USA clarifies this for usHowever, there is a thermistor inside the Speedlite that prevents the flash from firing when internal temperature exceeds a certain unspecified level. If the thermal cutoff kicks in, the flash cannot be fired until it cools down sufficiently. This usually takes about 15 minutes. C.

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Fn 14 disables Auto Power Off, but it does not disable the thermal cutoff. FEC Flash Exposure Compensation. At certain shutter speeds, the second curtain starts to close before the first curtain is completely open standard flash mode needs a wide open aperture for the instant it flashes light. In HS mode, the faster the shutter speed, the shorter the effective flash range will become.FEC overrides the camera setting while other settings are determined by the location of the last adjustment.The zoom setting can be set manually for creativity or automatically by the camera communicating with the flash. The zoom setting is optimized for the camera and lens being used Less light is wasted, battery life is maximized. This means that the Canon EFS 1022mm USM Lens is supported on EFS compatible Canon bodies. A lens wider than 24mm or equivalent framing requires the pullout and flipdown diffuser panel to be used for complete frame flash coverage. A lens wider than 14mm such as the Canon EF 15mm Fisheye Lens requires bounce flash or an accessory diffuser such as a StoFen OmniBounce. Rotating the flash head to bounce position results in a 50mm zoom position.When using bounce flash, consider also using the retractable catch light panel. This is a white, semirigid plasticlike panel meant to create a bright reflection in the subjects eyes. The catchlight panel is only useful to a certain distance as the reflection size becomes too small to be useful at some point.AF assist projects a red pattern of light that creates enough contrast for the camera to autofocus on even a solidcolored wall. The AF assist beam is functional within its range 232.8 .6m10m in the center, 216.4 .6m5m at periphery. The 580EX IIs AFAssist Beam is aligned with the focus points on all of Canons EOS bodies with 1, 3, 5, 7, 9, or 45 AF points. This is a powerful feature that I use a lot. Note Even when disabled, the master flash will fire a preflash making it appear to be enabled.

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Canon Speedlites use light not RF from the flash head for simple wireless flash communications.This is basically a lineof sight system though indoor use can include nonlineofsite remotes if the light bounces off objects in the room sufficiently to communicate with the remote flashes. The transmission range for wireless communication are peripherycenter 39.449.2 12m15m indoors and 26.232.8 8m10m outdoors. Four slave channel IDs are available to avoid conflicts with other photographers.Why Why use an external flash. The answer may be obvious to owners of camera bodies without a builtin flash, but not so clear to those using bodies with a builtin flash. The builtin flash is great for fill flash to light the shaded areas such as peoples eyes in a pictures. To use fill flash, set your exposure for the ambient light, then dial in 1 to 2 EV FEC Flash Exposure Compensation. The builtin flash is also useful for adding catchlights sparkle in a subjects eyes. Items close to the flash are often overexposed, the background often becomes black, harsh shadows typically abound and subjects tend to become flat looking. But, sometimes there is no choice it is

simply too dark, the subjects are in action. In this case, you simply must use the flash for the main light. But, this does not mean the flash must be fired directly toward the subject. Thus, the main light becomes the wide reflecting surface and the broad light source creates a much softer, less flat and far more pleasing image. The swivel and tilt features allow the 580EX II to be aimed as desired. Using an E-TTL compatible Canon Off Camera Shoe Cord OCE3, This allows specific placement of the flash in relation to the camera. Keeping the flash mounted higher above the lens to send the subjects shadow lower where it is not as unpleasant. A bracket is also useful for macro photography. An accessory flash can be mounted in a softbox or umbrella for superb lighting.

Multiple wireless remote flashes can be setup for a highly portable, complete professional lighting setup. Visit the links at the end of this review for more ideas and information on offcamera flash use. Wider lenses will have a shorter effective distance, for example. Canon makes a Speedlite 220EX, but it is rather featureless good mostly for fill flash. The 430EX has a Guide Number of 141 43 m while the 580EX II has a Guide Number of 190 58 m both at 105mm. The 430EX is not under powered for many uses, Any number of Canon 430EX, 420EX, 580EX II, Speedlites can be combined as slave units but only the Canon 580EX II, 580EX and 550EX Speedlites can act as slave masters. In addition, the Canon Macro Ring Lite MR14EX, Macro Twin Lite MT24EX, or Many people start out with a Canon Speedlite 430EX Flash or started out with 420EX and later move up to a 580EX or 580EX II. The 430EX can then be used as a remote flash. You can still utilize the 430EXs focus assist, but need to know that all focus points are not covered as in the 580EX II. The 430EX does not have this capability, nor does it have the PC terminal. Instead of a dial for adjusting settings, the 430EX utilizes rounded parenthesis shaped buttons. I can understand making buttons safe from accidental changes, but these buttons are narrow and require an excessively deep press to make changes. The dial is much easier to use. Otherwise, the 430EX is a very nice flash as well. It is about 15% lighter and more than 25% smaller in overall volume. Perhaps most important is that the Canon Speedlite 430EX Flash is less expensive. Also included is a slightly modified from the 580EX shoe stand for remote flash operation. Thus, I depend solely on the commissions received from you using the links on this site to make any purchase. I am grateful for your support! Bryan You expect to get what you ordered, and you want to pay a low price for it. The retailers I recommend below are the ones I trust for my purchases.

Get your Canon Speedlite 580EX II Flash now from Consider renting. Renting is fast and easy. The rental companies I recommend below are excellent to work with. Schedule your rental now LensRentals.com LensProToGo Using these links for your rental supports this site Can you help right now By using this site, you agree to our use of cookies and our Privacy Policy. The custom function 09 is set to zero enabled. Does that mean my 40D is not compatible enough for the 580EX II, for the auto zoom function to work. What am I missing Please help. Thanks LIKES 0 I hope this helps! Sold all my gear to support starting a family. EOS RP, RF 35 1.8 IS Macro, RF 70200 2.8 IS L, EOS 70D, EFS 24 2.8, EF 50 1.8, EF 100 2.8 IS L Macro LIKES 0 I have tried to adjust the head the best I can, making sure it is in the forward position, but the flash keeps insisting on staying in M zoom mode. Thanks for the tip. LIKES 0 Point the flash straight forward and it will autozoom. Magic !!!!!!! It worked What a relief. Thank you so much for your help. There are so many little details missing in the manual. LIKES 0 When the camera gets focus, the flash displays the aperture, but not the mm. I can manually set the zoom, but auto doesnt seem to work. Ive tried P, Tv, Av, and M. Flash 580ex II, new Cam 5D mark II, few months old. Ive reset the camera and flash settings, just in case. No custom functions are being used. Any ideas LIKES 0 The M will disappear. Point the flash straight forward and it will autozoom. Read all my FAQs wedding, printing, lighting, books, etc LIKES 0 In other positions, autozoom defaults to 50mm. The Yongnuo flashes still zoom in the bounce position. I wouldnt consider the YN565 superior because it still zooms while bouncing. It could actually be a negative. At 24mm you could be wasting light when bouncing off the ceiling. COOKIES DISCLAIMER This website uses cookies to improve your user experience. By using this site, you agree to our use

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Privacy policy and cookie usage info. Professionals, hobbyists, newbies and those who don't even own a camera are all welcome regardless of skill, favourite brand, gear, gender or age. Registering and usage is free. Failing that, let the V6 II automatically find your 580EX II flash. And finally, turn on camera first, hold shutter release. Everything you need to set up the V6 II is printed on the Quick Start Guide. It's only a one-page double-sided print out but most people still do not read them. Alas. Be sure to check hot shoe connectivity by doing the check. Feel free to suggest an improvement or share product ideas. Be sure to check hot shoe connectivity by doing the check. Feel free to suggest an improvement or share product ideas. Question 2 Why is the aperture F on the flashes not changing based on the setting in the camera. I was expecting that the Cactus can control these settings for these Canon equipment. Setup Camera Canon 80D 3 off Cactus V6 II All with firmware 1.1.013 2 off Canon Speedlight's type 580EX II 1 off Cactus V6 II in hot shoe Camera, in TX mode Both Speedlight's are on top of each own Cactus V6 II Startup Session always First Camera switched on and then Cactus in TX mode. First Flash switched on and then Cactus in RX mode. Flashers are in ETTL mode. I have checked all the settings. I have mixed all tree in different positions both in RX and TX mode. I appreciate all your reactions. Thanks in advance. If you want to get involved, click one of these buttons. It helps me keep adding to this free website when you get anything through these links — but I receive nothing for my efforts if you take the chance of buying elsewhere. Buy only from the approved sources I use myself for the best prices, service, return policies and selection. Thanks for helping me help you! Ken. I can't vouch for ads below. It works perfectly with all Canon EOS cameras, both 35mm and digital.

If you use thirdparty wireless radio control devices see Phil Steeles excellent tutorials , you can use this 580EX II to do exactly the same radio triggering. This 580EX II of course does all the usual optical and IR remote triggering and control. If you're not using radio control and are using it on camera or with optical remote wireless control, there isn't anything better. The 600EX series does recycle a little faster, but the power is the same bolstered only by a slightly better reflector system at the longest zoom settings and this 580EX II recycles superfast. This 580EX II recycles in just 4.1 seconds from a fullpower dump, and does it silently. It usually recycles instantly. Any of the smaller flashes are fine for every other use, and even for daylight fill if you're not too far away. No worries; the newest 35mm cameras you might actually want to shoot like the EOS 3 and EOS 1V are all the newest type A cameras on which all the features work perfectly. More at Users Guide. Canon has designed it well, everything is obvious except for the custom functions. Just tap the buttons and things happen directly and immediately; there are no menus. Sadly it doesn't turn on when you hit the camera's LIGHT button. It's more than just one beam. Different flashes will give the same results, with the only difference being if they have enough power and if they are ready to shoot fast enough. It's the same size, weight and has the same power, although it does have an improved reflector system that can zoom longer so the specifications make it seem more powerful. The dedicated icons and numbers are much easier to read on the 580EX than the grainy dotmatrix representations on the 600EX. It works as an optical slave, but can't work as an optical commander as the 580EX II can. It has only a halfstop less measured power and potentially faster recycling than the 580EX II. It has a plastic foot with a crummy locking ring that never works.

It has an EL backlight versus the green LEDs of the new 580EX II. The original 580EX is not weather sealed. It works well for action and fillflash. The 320EX is great for just about anything unless you're using long lenses for fill outdoors in daylight, for which the 580EX II is superior. It has plenty of power and ultrafast recycling, while I grab my 580EX II if I'm shooting a dedicated event or need powerful daylight fill with long lenses. They don't run down if left unused, and always recycle strong and fast. Lithium are great if you're traveling super light and want to bring a few sets of these cells on a long trip where you won't be able to charge them, or if you want to be able to leave a set in the

flash and have them still fresh and ready to go ten years from now, but for all other uses, use eneloop. Set them any way you like. You have to set C.Fn. 05 back to 0 to return to the usual ETTL mode; the two don't come up in sequence as you press the MODE button. This stands for External Manual Flash Metering, meaning that the exposure is controlled automatically by a sensor on the front of the flash not in the camera. You have to set your ISO and aperture on the flash manually so it can calculate the exposure. You have to set C.Fn. 05 back to 0 to return to the usual ETTL mode; the two don't come up in sequence as you press the MODE button. If it's asleep, tap either the shutter, the PILOT button or turn it off and back on. It ignores its other buttons while sleeping. I usually use my Canon 320EX since it does the same thing, makes light and weighs less. Features are fine, but I just want the flash to fire when I take a picture. I don't use any of the remote features or light modifiers. For most people, the midsize 430EX III RT is also a perfect fit, too. The smaller flashes are great for when the flash is pointed directly at the subject. The 580EX II's extra power is needed if you're using bounce, diffusers or other light modifiers because they lose most of the light.

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