

70-200 manual focus problem



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Book Descriptions:

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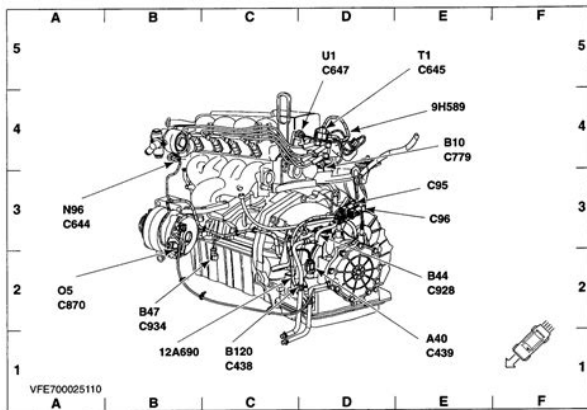
Book Descriptions:

70-200 manual focus problem



Recently the focus ring stopped working. It spins very easily. If I tug back on it hard it will turn some, so its not completely not working I guess. Or just have to send it to Canon Recently the focus ring stopped working. If I tug back on it hard it will turn some, so its not completely not working I guess. Or just have to send it to Canon I suspect that there is some grease getting into a part where it should not and causing the slipping of the focus. If you point the lens up and enable AF, it should also be slipping, not just in MF. Seems to always happen after the lens is left in my hot car at a certain angle, which makes me think it is a lubricant issue. Really put some pressure on them to fix it out of warranty, as that problem is totally not acceptable. Shame that an otherwise perfect lens would have such a fatal issue. My lenses were from lens batches that were several years apart and both had the exact issue after being exposed to high temps in my car during the summer. I doubt Canon is able to fully fix the issue with the current design. Even after getting them fixed under warranty, my lenses would still slip a tiny bit when the lens was pointed up. Read our full review to see why its got the best autofocus system weve ever seen. 729 Olympus OMD EM10 Mark IV initial review first impressions Aug 4, 2020 at 0600 The Olympus OMD EM10 IV is the companys entrylevel DSLRshaped mirrorless camera. While it has a higher resolution sensor and new processor, its biggest focus is on selfies. 2273 Sony a7S III initial review Jul 28, 2020 at 1400 The Sony a7S III is a 12MP fullframe camera primarily designed with video in mind. We take a look beyond the specs to see what it offers to filmmakers. 1614 Olympus OMD EM1 Mark III review review Jul 27, 2020 at 1450 The Olympus OMD EM1 Mark III is our favorite Micro Four Thirds camera for stills shooters to date.<http://bosuntools.com/UserFiles/files/20201001/1601486255.xml>

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CHV, automatic transmission

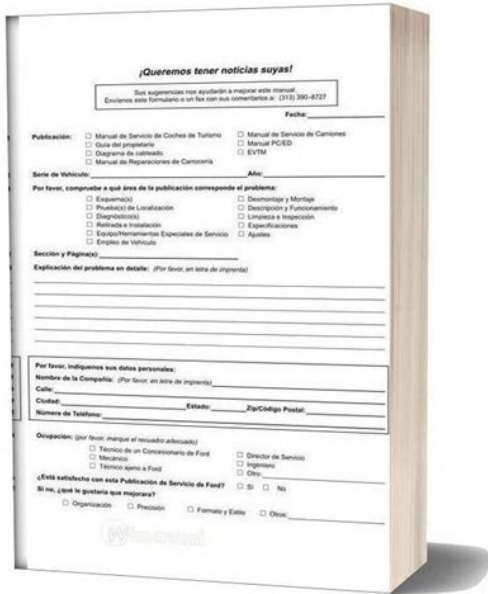
12A690	B 1	C644	A 3
9H589	E 4	C645	E 5
A40 .. Transmission hardware unit	E 1	C647	D 5
B10 .. Engine Coolant Temperature (ECT) sensor	E 4	C779	E 4
B44 .. Turbine shaft speed (TSS) sensor	E 2	C870	A 2
B47 .. Heated Oxygen Sensor (HO2S) #21	B 2	C928	E 2
B120 .. Transmission range sensor	C 1	C934	B 2
C95	E 3	N96 .. Power steering pressure switch	A 3
C96	E 3	O5 .. Generator	A 2
C438	C 1	T1 .. Ignition coil	E 5
C439	E 1	U1 .. Ignition transformer capacitor	D 5

In our latest buying guide weve selected some cameras that might be a bit older but still offer a lot of bang for the buck. These midrange cameras should have capable autofocus systems, lots of direct controls and the latest sensors offering great image quality. Best cameras for sports and action Aug 11, 2020 at 0146 Whats the best camera for shooting sports and action. Fast continuous shooting, reliable autofocus and great battery life are just three of the most important factors. In this buying guide weve roundedup several great cameras for shooting sports and action, and recommended the best. Best enthusiast long zoom cameras Jul 16, 2020 at 2329 Longzoom compacts fill the gap between pocketable cameras and interchangeable lens models with expensive lenses, offering a great combination of lens reach and portability. Read on to learn about our favorite enthusiast long zoom cameras. By using this site, you agree to our use of cookies and our Privacy Policy. Is this just a common design issue or should I look into getting mine serviced. Its only a couple months old and has had very light use. Many thanks! LIKES 0 Are you wanting it to be very loose for quick changes. Generally speaking, you want short throw for speed, but long throw for precision. A 70200, however, often is used for sports or other action, so it uses what Id call a fairly short throw. Still, you dont want it too short or it would make for more focusing errors. To be honest, even though Ive shot with these lenses for 10 years or more, I never really thought about their manual focus speed. I only lightly use manual focus, because AF is just way, way faster and more accurate than I ever was, even shooting as a professional with top of the line manual focus gear. I dont see much reason to use MF, except when shooting more sedate things such as macros where it just works better than AF. Modern AF lenses and Canon USM do not have stops at the ends of the focus scale. <http://catskillpatriots.org/userfiles/elgato-netstream-manual.xml>



You have to have the camera on and battery charged up for the lens to focus manually. But the 70200s are not focus by wire lenses. They have mechanical connection between the focus ring and focus mechanism. I'd suggest you take your lens to a store that sells them and compare it with other copies of the same. It's possible there is something wrong with it, and that would show up in a comparison. But it also just might be your relative unfamiliarity with it. Related, I just sent mine in for some strange focus problems and noticed that I could not longer manually focus to the minimum focus distance, and it was a different result each time I tried. I could not autofocus down to MFD either. It is in for repair now. I've always shoot with AF since my Elan II days, very rarely do I use the MF and never from Infinity on down in the vertical position. I did it again, I got a slight hesitation around the 3m mark going down. The more I played with it, the worse it got. I went out and shot some Photos the way I always shoot for about a Hour, some in one shot AF and some in ServoAF and the Lens performed flawlessly. I don't think I have anything to worry about but I have 11 months and 3 weeks to think about sending it in to be looked at. I might call Canon and ask their opinion. I am John Galt TVC15 Gear List I Haha, sorry bout that. Thanks everyone for your detailed responses. I'm interested in its manual focus capabilities as I'm using the lens to shoot video. I'm a focus puller by trade working on features, TV drama, commercials etc. It's vital that a lens retains its focus marks when shifted. I know this is a stills lens and the barrel rotates freely beyond its end points very, very annoying! and as such shouldn't be expected to perform as a motion picture lens. However, the problem I have is that it slips when its moved quicker than an average pace. So say you have two focus points near and far 10 to 200.

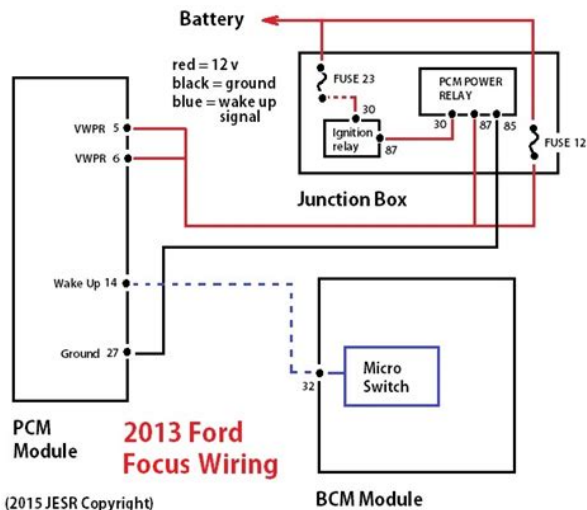
If the lens is in a level position and I mark the barrel at these two points and shift slowly between them it functions normally and holds correct focus at each mark. Now, if I try a quicker pull between the marks it loses bite and slips therefore losing focus when I reach the barrel marks both are now soft. If this is just the nature of the build of every lens then so be it please address this issue canon!. I just have to be aware and work round it. I wanted to be sure I don't have a duff lens. I'll prob go into a photo shop and try some others to be sure. Thanks again everyone! I COOKIES
DISCLAIMER This website uses cookies to improve your user experience. By using this site, you agree to our use of cookies and to our privacy policy. Privacy policy and cookie usage info.
Professionals, hobbyists, newbies and those who don't even own a camera all are welcome regardless of skill, favourite brand, gear, gender or age. Registering and usage is free. It may not display this or other websites correctly. You should upgrade or use an alternative browser. In that mode, you can move the focus ring but the AF will immediately move the focus back to where it was. With these FTM fulltime manual focus lenses, the gearing basically allows you and the AF motor to alter the focus independently. There isn't really a clutch. I suppose if the ring got too loose or too worn it could stop being able to alter the focus. Does it still happen when you switch the lens to MF. I'm not understanding your last sentence. You can keep turning the focus ring forever in either direction, but the actual focus will stop moving when it reaches its limit. Here's a PDF from Canon Lens Works III, a book Canon publishes about their lenses, On page 183 there's a diagram showing how FTM is implemented mechanically. Alternatively, the manual focus works by turning the output ring while the AF rotor does not move.



<http://fscl.ru/content/bose-ps28-iii-service-manual>

If you are in AI Servo, the AF rotor will continually override the manual focus rings influence on the output ring. USM and FTM are brilliant works of engineering indeed. It is attached to rollers that contact the manual ring and AF ring on each side; during AF, the rotor turns the rollers and they pass over the stationary manual ring, and during MF, the manual ring turns the rollers and they pass over the stationary AF ring. Very elegant. In autofocus, it works great, but the manual focus loses its hypothetical clutch in the near half of the distance scale. This is the same in MF mode and AF One Shot mode just to remove the possibility of it being overpowered by anything. My other zoom lens 2470 f2.8 is not having any issues paired with my 5D Mk III body, so pretty sure it is an issue with the 70200. The problem is with the AF on closer subjects approx. The motor continues to hunt for proper focus. Tried cleaning the contacts, but still have the problem. Anyone else have experience with this issue. Thought I would ask you experts before shipping the lens off for repairs. The distance will vary based on which 70200mm lens you own. Check the switch to make sure you haven't set it to only focus at greater distances. AF problem occurs in both the 1.5m and 3m positions. Not a matter of trying to focus on something too close the AF problem happens anytime the subject is within 25 ft or so. AF is achieved by the camera, not the lens. The lens has no idea if it is in focus or not. The camera tells it when it is. I would look for a problem in the camera. The best advice is to call Canon support. Send it in for inspection then. You can't just let a 70200 rust away. And unless you've actually worked for a Canon repair shop, you'd be crazy to open it up yourself. Or are you just asking us to help you justify buying a new 70200 IS II. If that's the case, then of course go for it!! You have run the usual AFMA calibration tests, right Not trying to be a PTA, just trying to learn.

<https://cottonsauction.com/images/canon-eos-ix7-manual.pdf>



Send it in for inspection then. Anu nulesc youve actually worked for a Canon repair shop, youd be crazy to open it up yourself. If thats the case, then of course go for it!! You have run the usual AFMA calibration tests, right. Its probably due an 11Point Maintenance Service anyway. Send it in for inspection and cleaning. Mounted my problematic 70200 lens on my daughters entrylevel Rebel body, and had the exact same AF issue that I had when mounted on my 5D III body. So it is definitely a lens problem and not a body problem. And, no, I am NOT looking for justification for purchasing the new 70200 II lens. It only takes a minute to sign up. Turns out the autofocus no longer works. Im wondering if theres any kind of remedy for this short of sending it back to Canon. Holding out hope for some kind of remedy. If I do, its just the cost of the repair. Might be worth looking into. It wont cost that much if its only a focusing problem. This lens cannot focus and the lens barrel rubber is loose. They changed the focusing gears and the barrel, as may be the same problem as your lens, and it didnt cost that much. However, I do electrical engineering with a side of mechanical engineering professionally, so I have some familiarity with fixing things. As with most topics, its really a matter of what youre comfortable with. It means the issue with the lens is mechanical, rather than electronic. Assuming this lens has fulltimemanualfocus Im pretty sure it does. Does the lens communicate with a camera properly, and does the iris work How does the focusingring feel. Does it feel stuck, or does it feel like its no longer connected to anything Earn 10 reputation in order to answer this question. The reputation requirement helps protect this question from spam and nonanswer activity. Browse other questions tagged lens canon autofocus troubleshooting repair or ask your own question. And to maybe talk about the different ways to use it; eg,.

<http://cqitracker.com/images/canon-eos-manual-400d.pdf>



See more I would like to know if somebody have sample picture of the 70200mm f4 I. I am in the process of finalizing my 70200 lens, Please share your experi. This lens give. If it is t. So fast that I sold it to ge. First off, I love this lens! I u. However, within less than 1 year, I found that the Focus

Ring will slip from infinite to 1.2M if I hold it as 90 degrees up. And if hold it as 90 degrees down, the focusing from 1.2M to infinite will slip also. My solution is a bit of gaffer tape that I keep on the bottom of my camera. Once I choose a focusing distance, I apply the tape to the lens barrel. I sent it in for servicing, and Canon replaced the USM free of charge to me though it meant I was without the lens for 4 weeks, and it works beautifully now. In the canon service the reparation would have cost as much as a new one In my opinion that should be repaired for free Before I bought this lens I had the 70300 F4.5.6 non L lens, I was expecting a huge upgrade in image quality moving to this L series but so far I must say that I'm quite disappointed, not saying the lens isn't good, but not as sharp as I was hoping. I've had one for three years and mine has got progressively worse. The focussing ring just spins around and is totally useless in manual. I have just managed to fix it myself for free. It turns the lens into an amazing new version of itself, in that there are now two options when focusing manually. I made a video on how to do this simple fix and I clearly show the problem and solution. Unfortunately it is not possible to have it now with autofocus, as it would burn out the motor or damage the camera. And the lens has been very lightly used. What is worse is that both manual focusing, and auto focusing are effected. It seem mostly the close focusing is effected. From what I have read Canon will attribute this to the USM ring needing replacement. I believe it is a design flaw since it effects so many people.

Possibly the diameter of the lens does not allow for a strong enough motor for the the weight of all of the lens elements. Most likely the allows for a better, stronger, or better positioned USM ring. I'm not happy at all about this, and I do not enjoy paying for bad design and manufacturing. My solution may well be to use my APSC sized Canon 70D and use the EFS 55250mm IS STM lens. It is just as sharp on the 70D, and easier to carry. I will miss it on my 5D Mark ii, though! With the 55250 attached to your 70D, does it appear longer than 250mm. I ask that because I'm not sure if the crop factor applies to EFS lenses. The crop factor applies to EF lenses, like your EF 70200mm L. I sold immediately because I just didn't trust it anymore, I bought the same one brand new. I couldn't be happier since. It's a cracking lens that I use very often, I have now upgraded to a full frame camera, first a 6D and then a 5D4. The results are just excellent in all situations. I will never know if the lens had a fault or if the old owner bashed it. The new one has been used for 5 years now without the slightest issue. Well the answer is that I have both a small frame and a full frame camera. I started with Rebels, and moved up to a 70D that has to be sent in for repairs. To your question Both lenses on my 70D would give the field of vision that is the same as the focal length x 1.6, so On a working 70D, or my Rebel T1i you get EFs 55250mm has the FOV of 400mm EF 70200mm has the FOV of 320mm EF 70300mm has FOV of 480mm On the 5D Mark ii EFS is not usable. EF 70200mm is 200mm EF 70300mm is 300mm I have longer lenses for EF, But the are not very sharp. So when I say the 55250mm is as sharp, it does have a 80mm length advantage over the 70200, if both are used on a small frame camera. Yet on my 70D, my EF 70300 480mm was not even close to the 70200L 320mm even for subjects hundreds of feet away. However, I think the EFS 55250 400mm was. A long winded answer, but, hey, I like talking about lenses.

<https://www.novet.de/wp-content/plugins/formcraft/file-upload/server/content/files/16274e8ba5ed86--brother-kh-836-instruction-manual.pdf>

I almost hope I am wrong about this being a known problem, swept under the rug by Canon. I love Canon! But at the same time I strongly believe a company should stand behind their work, and fix their mistakes. Literally this lens probably has only 1 or 2K shots taken with it. It looks brand new! So either I have extremely bad luck, or Canon has a problem with this lens. I have had my faith in Canon L lenses shaken. My situation was somewhat different. I paid full price for a new lens, and simply did not use it that much during the warranty period, and the lens was exceptionally sharp, and never had any sort of mistreatment. I guess there will always be some element of luck involved. On the other hand, Tamron lenses are covered by a six year warranty on their new lenses. Sigma

covers their U.S lenses for 4 years. And Canon L gives you 1 year Is that as long as an L lens should last Unfortunately it is not possible to have it now with autofocus, as it would burn out the motor or damage the camera. I did see the video and it was pretty brilliant. In my case my lens has IS and AFC lights and beeps so if I use it in manual focus I would still expect good results. Im no stranger to manual focusing. How does it compare to Canons 55250mm STM. Im thinking of a light zoom to replace my Tamron 28200mm lens for travel. But I decided I could sell it and get Sigmas 70300mm Macro 12 zoom and just carry the weightless Canon EFS 1855 zoom in a Lowpro belt attachable soft case. It was a good trade. Now I have a Tamron Piezo Drive, Could it be FF 18300mm. I havent used it much, and it is not cheap. The idea is to use it for travel, but these days I am starting to question really high over 2 to 5x zoom ranges. I bought my Canon 70D in a kit with the 1855mm and 55250mm IS STM Zooms. Yes they are kit lenses, but very light, inexpensive and very decent IQ. But beware! They EFs will not be usable on a full frame camera. I dont know about the sigma. If it is EF mount thats a temptation.

If not, small camera plus light lenses with good IQ is hard to beat! I find if I hold the lens horizontal it will usually make it to close focus distance and then I can prefocus and go from there. I point this out not because I am yippee skippy about having to do this, but in the spirit of possibly helping someone get the picture if found in the situation with most likely any USM lens. Ive spent almost 15 years using canon DSLRs up until a couple years ago all APSC models. Some of you know how I felt. So I guess my bubble burst. Luck of the draw. Whatever. I realize this is a forum for lovers of this lens. I did love it. I still remember photos of a beach a mile away where you could see the shapes of the vehicles parked there very clearly. I call that sharp! Enjoy your lenses. If this is not a wide spread problem then it just my bad luck. I formerly didnt care, believing they would last forever. But that would raise the price of the lenses. If this does not happen much, then Ill deal with it. I just need to find that out. Ive been wondering. We think of internal focusing and zooming lenses as "Constant Length" when we know what they are is only constant externally. Inside, the elements, of course, change length inside. I need to check on this, and will put it up in a photography forum I like, but perhaps the lens should be carried a certain way if it is perpendicular. Say, resting on its base at 70mm and set at infinity when carried vertically in a lens case. That way the lens elements don't want to move without reason. Just a thought, but your tip was a good one. I first noticed the problem on a warm day. My thought might just be common sense, or not important at all. But I do change lenses in a hurry sometimes, and might just do what is quickest, thinking this type of lens is not vulnerable in the way the externally length changing lenses would be, say, stored up side down. I will ask the experts at a lens forum, and see what readers here might think!

It feels better, Unlike tele zooms its Thats quite I can zoom in and out and it holds This works perfectly with my Nikon 18200mm. Most wide range zooms manually It works like its It even works on Its free here USA, here Asia I think thats Manual focus works fine, but Its annoying! Point it at the sky and nothing autofocuses. When this happens I turn the camera Thats why I stick to Nikkor. It could be related to the camera, but I have absolutely no focusing issues with my other lenses. Note. these were taken on a tripod with shutter release, and single point AF. In the linked folder you can see a robot image where the eye on the right is clearly out of focus using AF. I posted another image where I manually focused it. I was not expecting that it would have issues focusing on static subjects. Anyway, it at home, and Ill give it a try later when I am able to. Then again, maybe the mf shot rules that out Wondering if not an AF issue causing that. Besides the heavy vignetting of course. I personally havent seen any shots from this lens that compare to the current EF models, especially the 70200 f4 II. Wondering if this lens also suffers from similar traits of the 70300L, which is a good lens but never had that tack sharp clarity of the 70200 lineup. When I manually focused the lens it looks amazing. The focus is just not hitting at 200mm. Johan Eickmeyer wrote Makes sense that there might be a focusing issue. Wondering if not an AF issue causing that. Wondering if this lens also suffers from similar traits of the 70300L, which is a good lens but never had that tack sharp

clarity of the 70200 lineup. But I agree, I didn't see anything obviously off with the lens at 200mm. Not exactly the same, but I recently had a loaner 90D. When used in live view and in very controlled situations with static subjects, it consistently backfocused very slightly. When viewing the images, they were always usable, but they weren't optimal.

Manually focusing revealed that the lens was able to sharply focus at the desired point but AF was consistently slightly behind that point. I set up the focus chart with the intent of using it, but due to the rain and various other factors, I was limited to my kitchen, and I could not get everything lined up. If there is further need for testing I'm happy to do so, but I'm pretty pleased with the results. Focused on background and then moved focus point back to target. I placed the focus point over the left eye of the Rey lego figure. I also did a manual focus shot using max magnification on the eye. I can't really tell the difference between the two and the eye seems to be in perfect focus. Please note that the focal plane is rotated around the x axis so it is further back in the top of the frame and further forward at the bottom of the frame due to not being able to get the tripod in to a good position to be at the same height as the objects being photographed. Thanks for running that test, and your picture looks like it hit focus. Could you do the same test at mfd. I have a new lens coming Friday, so I will report back if I'm having the same issue. The pictures I took were on a flat surface and a dimensional object. Strange, my a7r4 does have AFMA and I believe it to be mirrorless. I think that the proper phrasing should be that there's no immediately obvious reason to have it, and Canon chose not to include it. I think that the proper phrasing should be that there's no immediately obvious reason to have it, and Canon chose not to include it. I think that the proper phrasing should be that there's no immediately obvious reason to have it, and Canon chose not to include it. I tested 3 copies here at our store. Granted, it was only at 200mm and f2.8, but all three copies exhibited some level of front focusing at those settings. I used a tripod, 10 second timer, single shot AF and focusing on the center square of the lens cap.

Images are from three different lenses and then a cropped in view of each. I tried an EF 70200mm III with the EFRF adapter and it seemed to be better at 200mm f2.8. I also tried the RF 70200mm on the EOS RP and it had the same front focusing as the EOS R. I called Canon's dealer support line to at least log the observations. Time will tell on the solution. I tested 3 copies here at our store. I suspect the problem is actually that the EOS R is not focusing properly on the squares of the focusing chart. Also, how far are you from the focusing chart. Is this near MFD The depth of field seemed narrower than expected. This seems odd; at the minimum focus distance I would expect the camera to back focus but it is actually demonstrating front focus. Other images in this thread are showing the same. [Login or Register](#). Disabling it will result in some disabled or missing features. You can still see all customer reviews for the product. In some cases, the 100mm Macro's AF system will not attempt finding focus and will not react or move at all. There are two options to easily resolve this problem, but first, a little background explanation about the nature of the issue. There are fairly common issues with most AF macro lenses when there is a need to focus instantly from 2 inches to 200 yards or viceversa. When a lens is that far out of focus, and the background on which the AF is attempting focus is totally blurred, the AF system will not find sufficient contrast and will simply "give up." This happens mainly with Macro lenses, because of their extreme autofocus range and requirements. Auto focusing problems also occur when there is insufficient light again a common problem of macro lenses due to high magnification or simply insufficient contrast.

To avoid situations where AF lenses keep "hunting" searching for focus endlessly, Canon has buried in the firmware of many of its high-end cameras a software switch that simply disables Autofocus when there is insufficient light or contrast to reach focus. With the Focus Search ON, the camera will keep looking when it can't find sufficient contrast to focus. I.e. it will keep "hunting" for focus. Please note that in most instances, the 100mm F2.8L Macro IS USM, is an extremely responsive lens that focuses almost instantly. It focuses faster than my 24105L and even my 70200 F2.8LII. Focusing

with this lens is certainly not an issue, once you understand how to utilize it and how to configure your camera. It is one of the sharpest lens in Canon's line of L glasses and good value for money. The only minor issue I personally have with this lens is the fact that it is built of highgrade plastic instead of metal. The lens is fairly light, but does not feel as solid as most other L lenses. Furthermore, plastic being not as good at soundproofing, USM and IS micro motor noises are also more noticeable. The 100mm 2.8L Macro is indeed a fairly noisy lens particularly with IS turned ON. The plastic construction and noise issues are reasons I am not giving this lens a perfect rating. I have written to Canon and have requested for a notice to be included with the lens documentation explaining the focus issues and solutions described above. I have not heard back from Canon yet. It would further increase the satisfaction level of customers purchasing this lens. PS Got good support from BeachCamera regarding this issue. Please try again later. Please try again later. You should upgrade or use an alternative browser. I gotta make it real clear to all the Canonites im just kidding along or ELSE ill get spammed to vidual death!!!. Maybe check the obvious things like fully charged battery, the lens has a good connection in the mount, clean contacts, etc.

From all reports, this lens, if im seeing it properly as the L model, has an outstanding reputation with some of my Canon shooting friends. fmMaybe your lens needs to see the Canon doctor. That simply stinks. Click to expand. You can see test images from DPReview forum user pokesfan here. The concern for Canon is that this might be a widespread issue that affects a whole batch of lenses. It commonly occurs on many modern lenses, making it difficult to understand their true optical properties. In this article, we will take a closer look at focus breathing, how it affects images and what you can do to minimize its impact. Table of Contents What is Focus Breathing. Why Lenses "Breathe" How to Find Out If a Lens Has Issues How to Eliminate Focus Breathing Is Focus Breathing a Big Problem. What is Focus Breathing. Focus breathing is a term that describes the change in focal length that occurs as a result of adjusting the focusing distance of a lens. It is a common issue that occurs on many photographic lenses. As focus is adjusted from close focus to infinity, focus breathing causes noticeable changes in both angle of view and magnification. These changes are often clearly visible to the photographer during the process of focusing, with different lenses exhibiting varying levels of focal length changes. Focus breathing issues can occur on both prime and zoom lenses. The first is fairly common, because it has to do with the magnification or "reach" of a lens at close distances. Take a look at the above two images. The second scenario involves focus stacking when shooting macro, landscape or architecture photography. Photographers notice visible changes in angle of view at close vs farther focus distances especially infinity, which can make it difficult to merge all images into a single stack successfully during postprocessing. Why does this happen and is it a big problem.

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