

Air Conditioner / HVAC W203 Stepper Motor Repair PART 2 OF 3

<http://mbworld.org/forums/c-class-w203/177068-noisy-air-conditioner-stepper-motor-replacement-clicking-hissing.html>

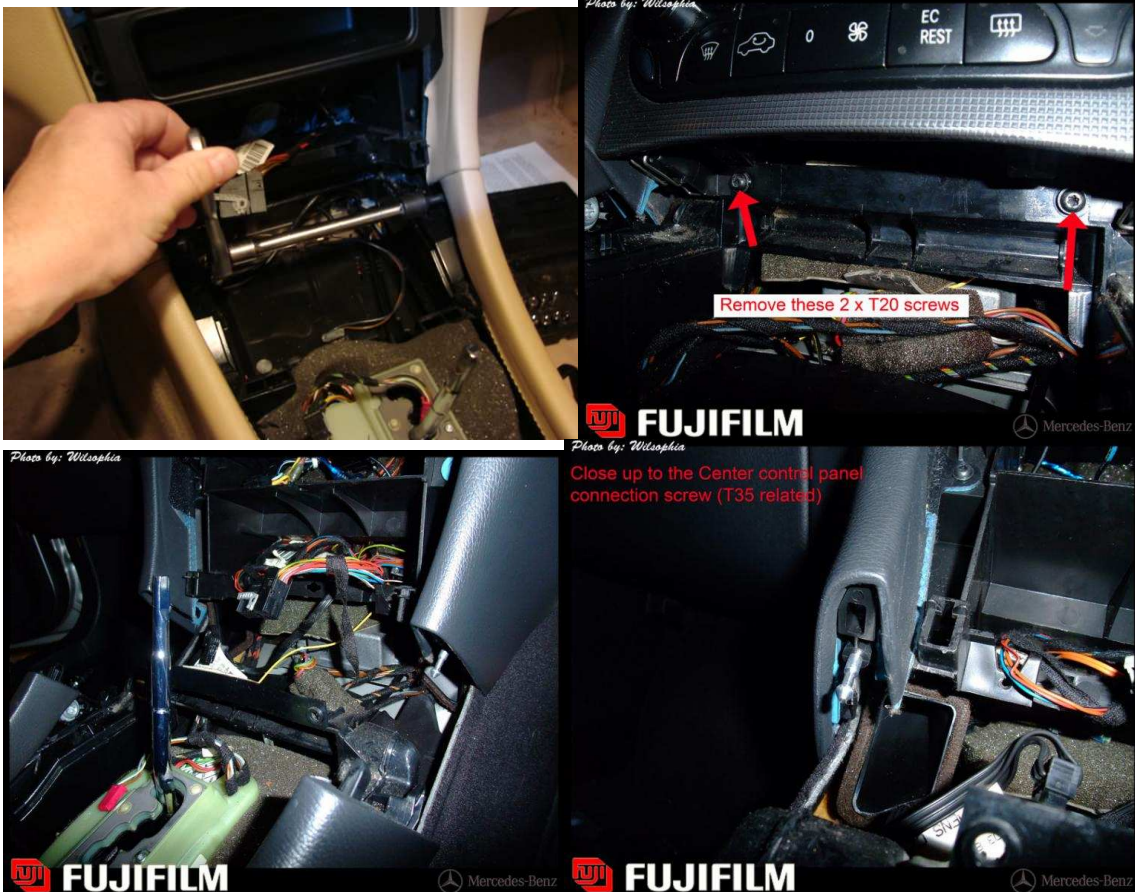
<http://mbworld.org/forums/c32-amg-c55-amg-w203/449471-famous-ac-clicking-noise-ac-footwell-damper-linkage-replacement-diy-details-steps.html>

Great BIG thanks to [Racin_fool](#), [liveniceguy](#) and [Wilsophia](#) for the write up and pictures!!!

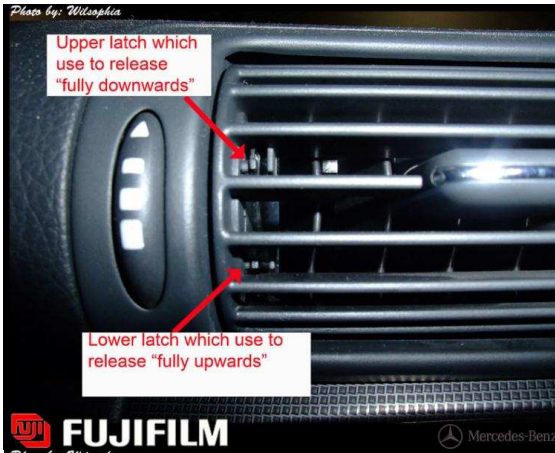
Upper Dash Removal page 25

9. There is a small black plastic hump shaped cover under where the ashtray sat. Use your fingers to pull them off and that will expose the T35 screws. Be very careful in this next step to not damage your interior. Using the T35 socket on your ratchet, set it to loosen and turn the screw approximately 90 degrees. Once you start feeling resistance, then you need to stop because that is far enough. If you continue to try to loosen these screws past this point, you will damage the center console. Using the flashlight again, you can look under the a/c controls and you will see or feel (2) screws. Using the T20 torx screwdriver, you should remove them. This will allow you to pop the center console loose and move it back and out of the way. You will not have it completely out of the way, just enough to maneuver around it.





10. Next, look into the center A/c vents on the dash above all the buttons above the radio. On the left side of those vents, you will see small plastic tabs. Using the small flat tipped screwdriver, GENTLY pry the lower tab on each side and why holding it away from its proper placement, rotate the vent up until it completely stops and exposes a thin open slit under the vent. Repeat for the other center vent. Using the flashlight, look under the vents and at each side you will see a small torx screw. Now using the T20 torx screwdriver, loosen both screws but DO NOT remove them. They should be held into place by the A/c vent assembly. However, if they do come completely out, just try to push them back into place or use a small magnet to remove them. Now pop the center A/c vents back into their normal positions. Again, using the small flat tip screwdriver, now GENTLY pry against the top tab pressing away from the side and rotate the vent completely down again exposing a small slit but not on the top side of the vent. Grab the flashlight again and look into this area. You will notice small tabs/slits on the top of the a/c vent assembly on the inside. Grab the small screwdriver again and GENTLY pry downwards on the small section closest to you and at the same time, start pulling the A/c vent assembly out of the dash. Sometimes you have to pull those tabs a bit further down than you would think. Also, if you have the illuminated thumb wheels for the vents, you will now have to unplug this one, but don't forget about it.





11. Again, grab the flashlight and now look under the remaining section of the wood trim around the Radio/Command. You should be able to see a small metal loop on either side. Use one of the screwdrivers to pop each one down but not completely out. Doing this, should release the remaining section of the wood trim around the radio. Unplug each connector, but again, mark or remember where each connector came from. There should be atleast 3 connectors depending on your options.

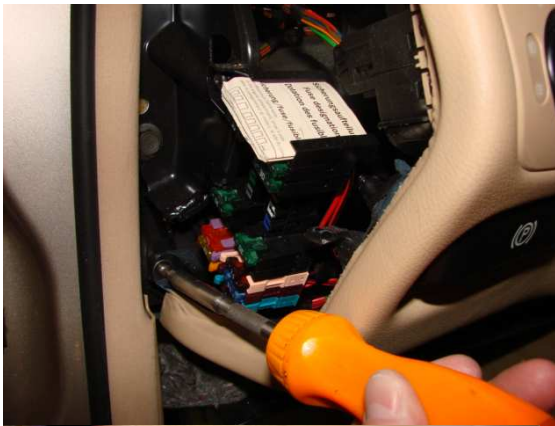




12. Grab a short stool or sit down on the drivers door sill plate. Take the T20 torx screwdriver and reach up under the bottom side of the dash on the drivers footwell area. You should be able to feel a total of (4) screws straight across. Remove them. Now pop down the plastic cover but do not remove it. This will expose the remaining (1) screw attached to the bottom of the dash. Remove it. Using the plastic wedge, pry off the side cover to the dash where the drivers door would meet the dash. There will be a few more screws, remove them. Take the gear shifter and place the vehicle back into PARK. Pull the E-brake handle out to release the brakes and you will find another screw under there but above the handle, remove it. There will be a small metal tab on the side of the Light switch, press it in and remove the light switch after unplugging it. This will expose another (2) screws in the top of this opening. Pulling out the E-brake release handle again, you can pop the cable loose, but PLEASE take care in how this fits on. Now taking the small flat tipped screw driver or the special tool to remove the plastic ring around your Ignition switch, Carefully do so. Again, I take no responsibility for you scratching up your own interior.

Additional comments for step....

The plastic ring around the ignition switch rotates counter-clockwise and spins off the threads on the switch.

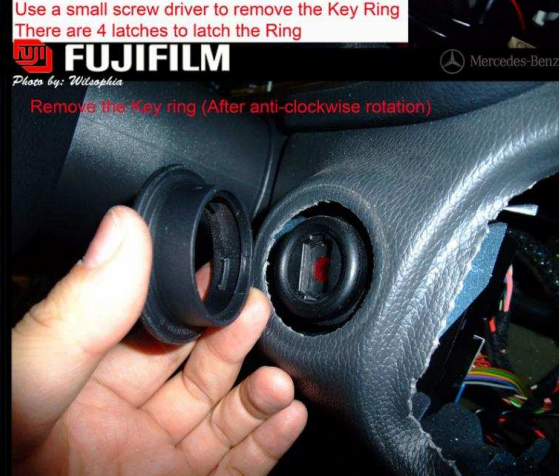


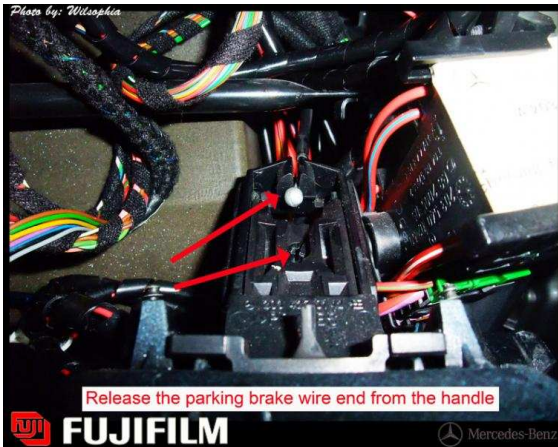


Remove the RHS T20 screws inside the lighting control panel
No need to remove the LHS one (No harm if you remove it)

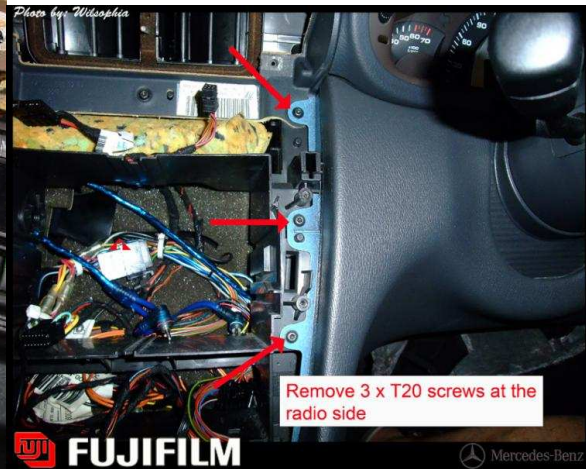


Anti-clockwise to loose the Key ring
Use a small screw driver to remove the Key Ring
There are 4 latches to latch the Ring





13. Back to the radio area. Take the torx screwdriver and remove all remaining screws from around the radio and dash pieces in this opening. If you have followed the directions up to this point, you will have (9) screws remaining. Remove them all. At this point, you will be able to pop the lower dash section under the instrument cluster/steering column area down and out of the way.





14. Now open the glovebox and there will be a small section of dash remaining between the glovebox opening and the large opening where the radio used to be. You should be able to pry up one of the exposed edges by where the radio used to be and sharply but not too strongly, pop this section loose and away from the dash.

