

# M6 Center Channel Replace DIY

Here you go.

Issue: Center channel speaker used by BMW is dull, muddy sounding and lifeless.

Center channel is critical to a great sounding system as vocals and other midrange tones come out of center channel.

I decided to use FOCAL 100CA1 4" Coaxial speaker driver.

This is a great sounding speaker and it fits perfect.

Search on line or in eBay for the best deal.

Tools required:

Wire stripper.

Mirror.

Wire cutters.

Wedge tool.

Torx screw driver, 90 degree.

- 1) Remove center channel speaker grill. Use either plastic removal tool so as not to damage the plastic grille, or use a smooth thin wedge tool similar to what I used. Take note on where the edge of the plastic grille is so you know where to place the wedge tool



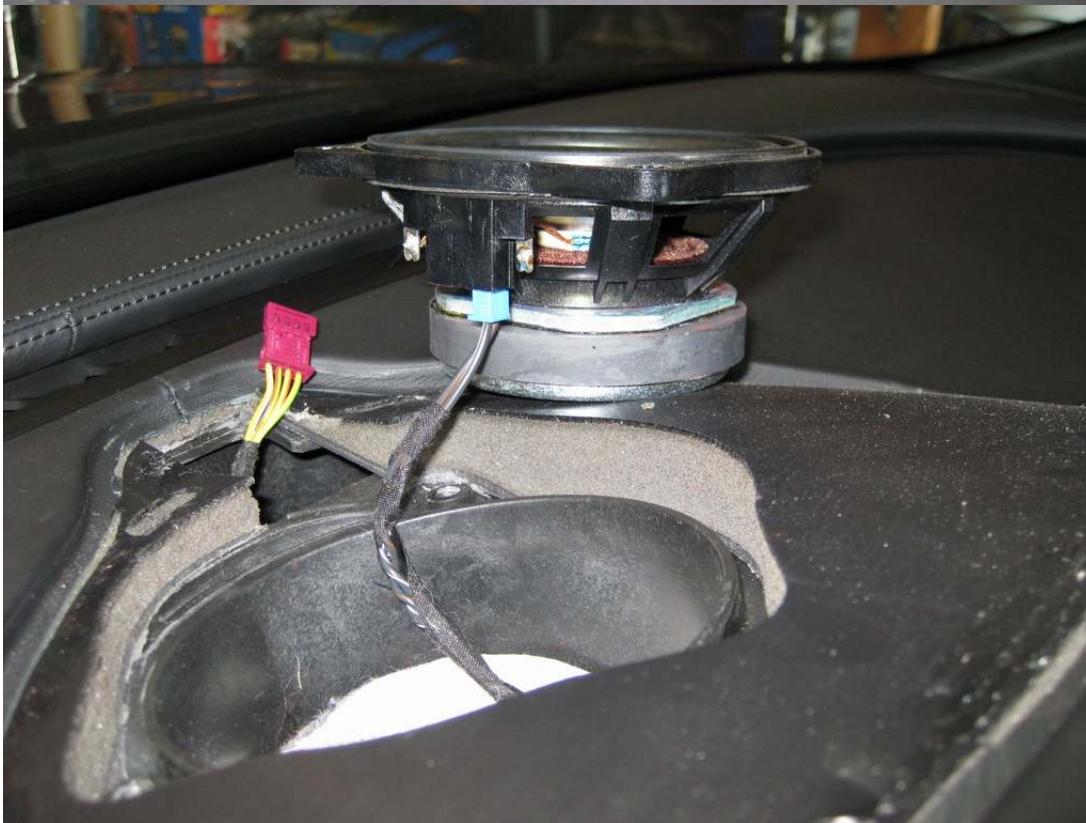
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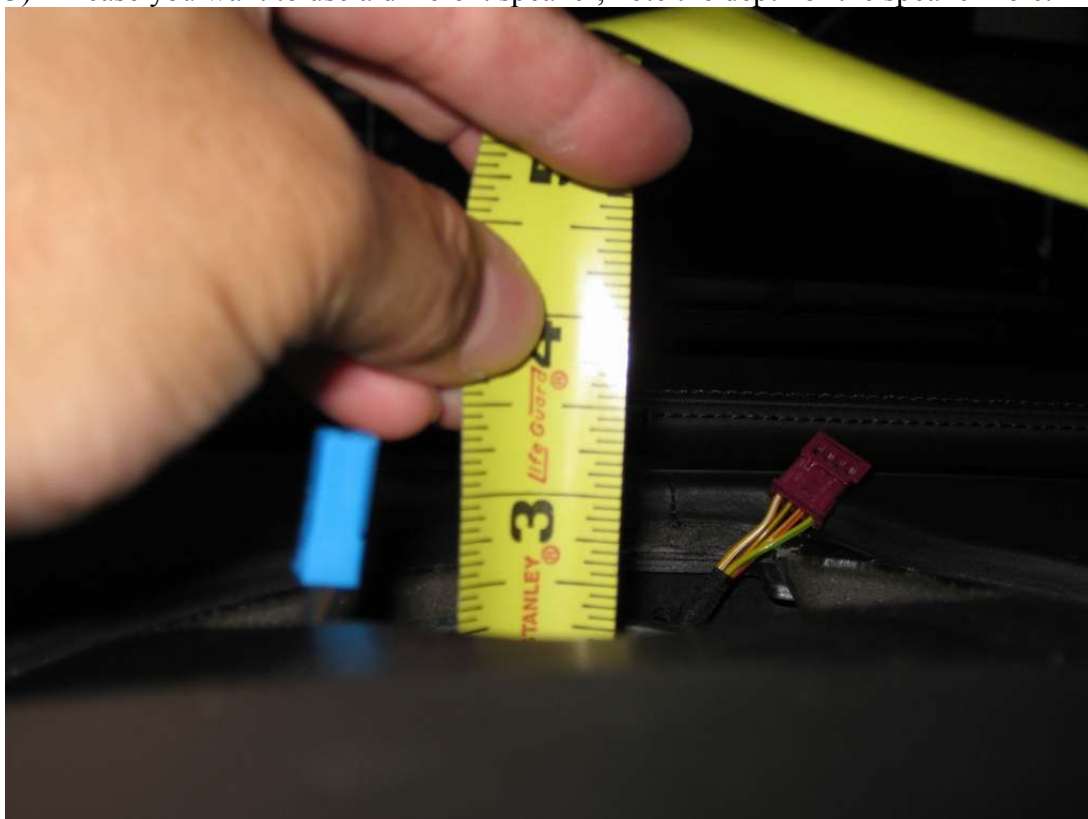
2) Using torx bit, remove 3 speaker screws.



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3) in case you want to use a different speaker, note the depth of the speaker hole.





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4) I used Focal 100CA1 coax speaker. Great sounding speaker.



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5) Stock speaker on the left, Focal speaker on the right.

Note: You will have to trim two of the speaker mounts. Use good old Dremmel Tool.

I don't know why but BMW used 3 mounts instead of standard 4 hole mount. WTF?





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- 6) You will also have to enlarge the speaker mounting holes in order for the new speaker to fit properly. See photo below. Enlarge the holes, trim up to where the edge of gray marker is.



For easy hole enlargement, use a step up drill bit. You can buy these drill bits cheaply at [Harbor Freight.com](http://Harbor Freight.com)



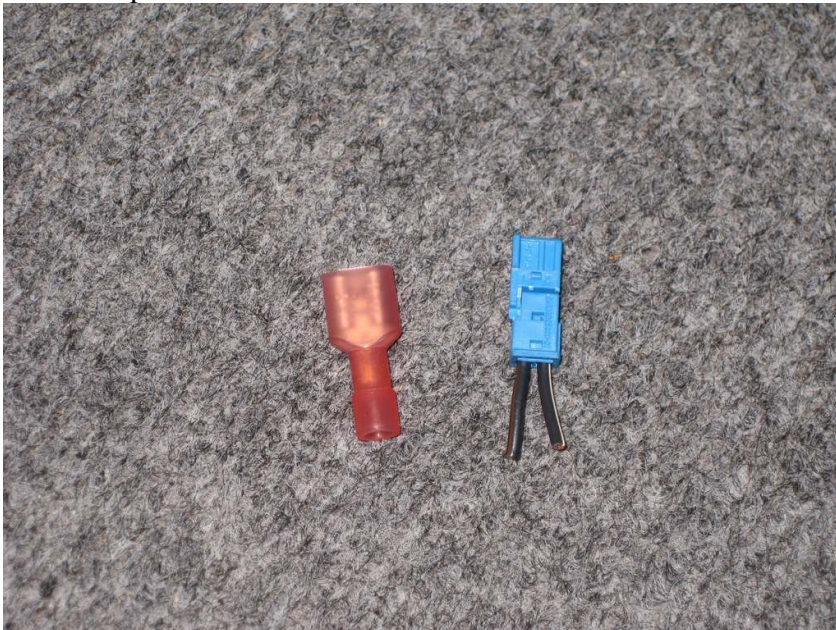


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7) See speaker holes enlarged below:



8) Cut the proprietary speaker connector. Take note of polarity. Striped wire is positive, solid wire is negative. Use regular push in type speaker connector. You can find these at Radio Shack : ) Connect speaker wires.





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9) Using the two speaker holes, install the new speaker. Do not overtighten screw!

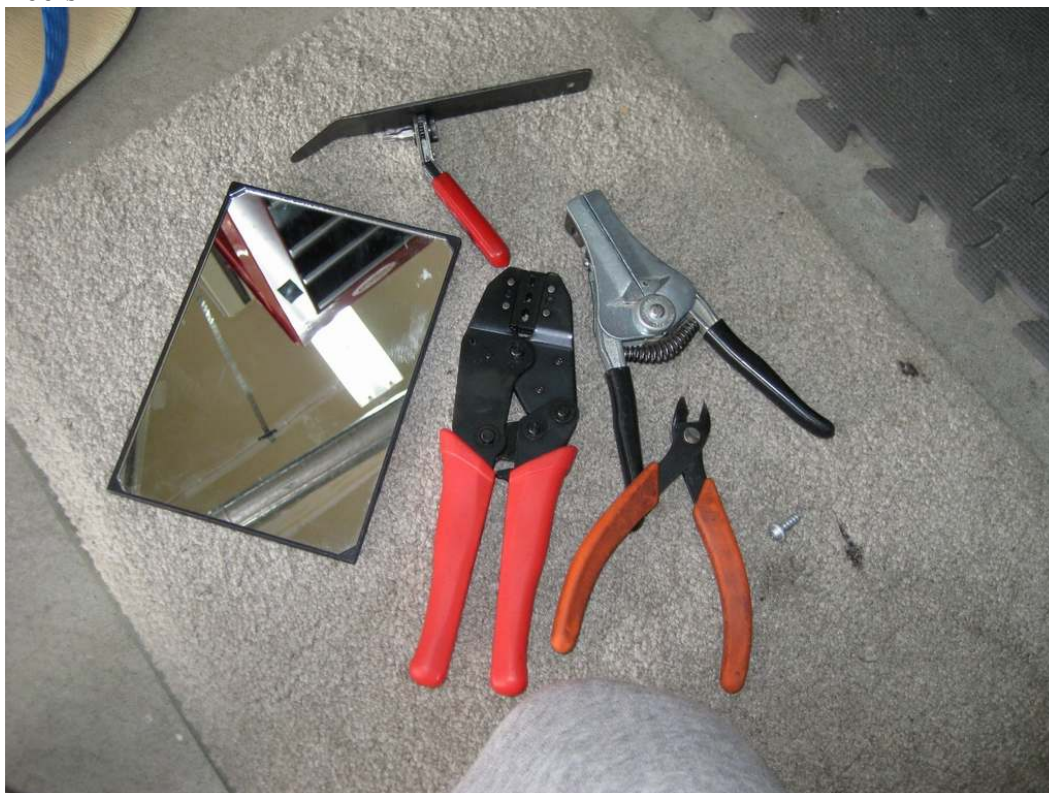


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9) Done! Simple and easy:



## Tools





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Now turn on your stereo system, crank up and enjoy the much better sound the Focal speaker emits. Let me know how it sounds.

**Dan Loyola**  
Whattheheck

