Guide 2017~2020 CX-5 Add an Amp Adapter

guy989 · May 13, 2020

Watch

guy989

May 13, 2020 #1

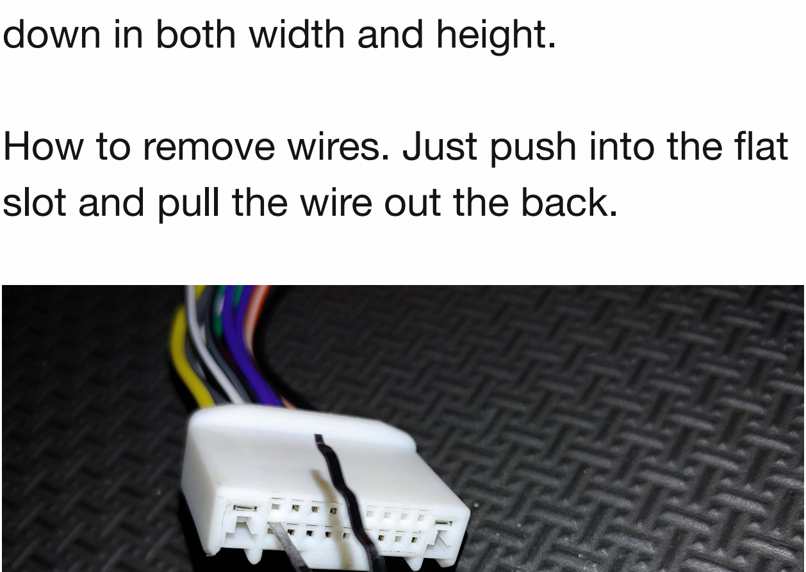
I originally posted on Mazda6 forum but thought you guys can use this guide too. This is for the 2017+ TAU with the new small 20 pin connection. This will allow for adding an amp without cutting of any of the stock wiring and completely removable.

Parts used:

SCOSCHE NN04RB Reverse Stereo Harness
SCOSCHE NN04B Stereo Harness
Speaker Wires

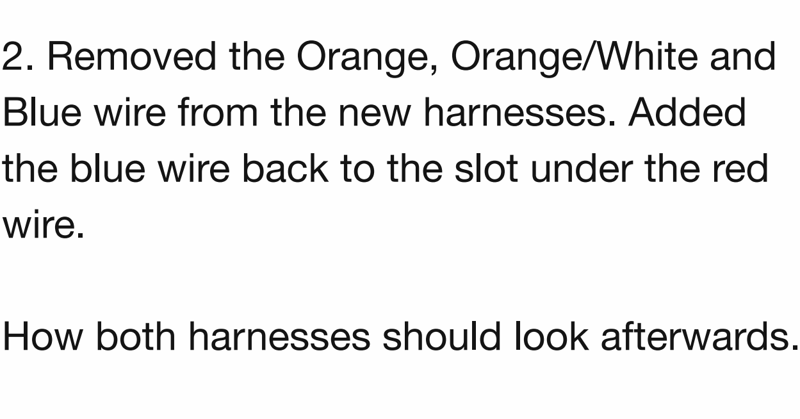
1. Since the harness has more connections than needed and missing in 1 slot. We have to remove and rearrange some of the pins. Used a bobby pin that had been dremel down in both width and height.

How to remove wires. Just push into the flat slot and pull the wire out the back.

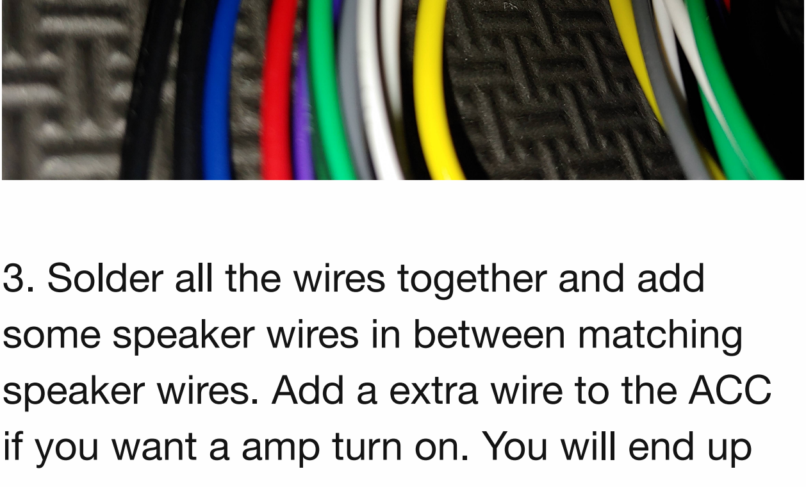


2. Removed the Orange, Orange/White and Blue wire from the new harnesses. Added the blue wire back to the slot under the red wire.

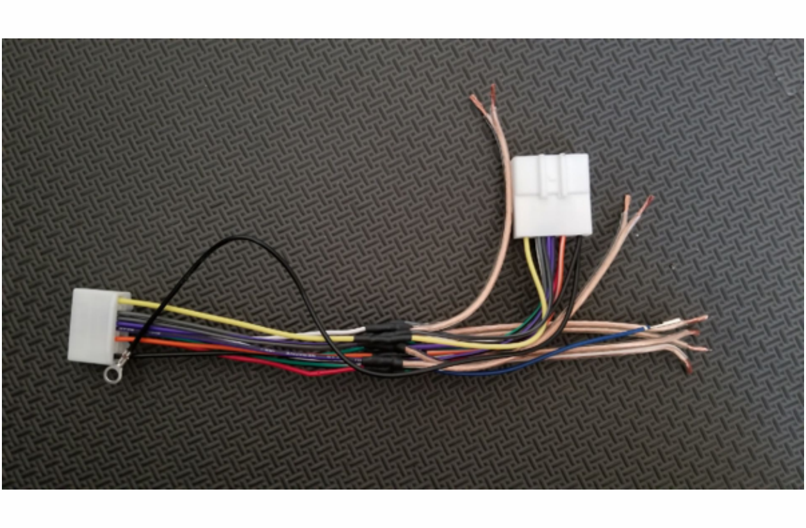
How both harnesses should look afterwards.



3. Solder all the wires together and add some speaker wires in between matching speaker wires. Add a extra wire to the ACC if you want a amp turn on. You will end up with something like this:

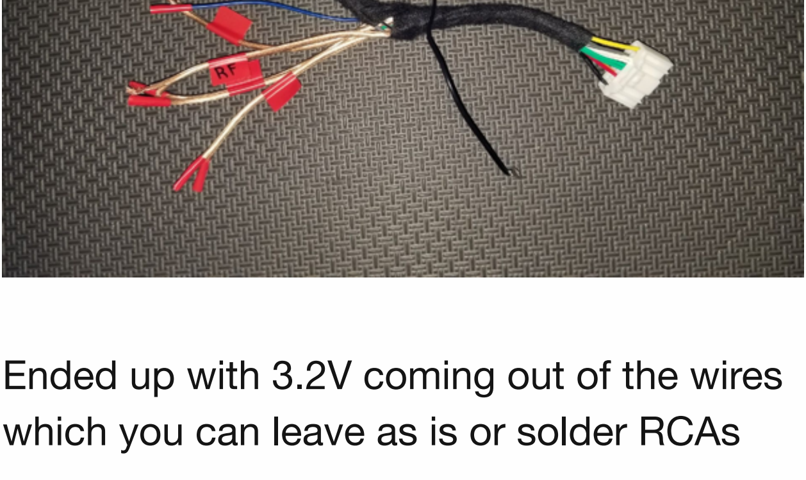


Wrapped upped in Tesa tape:



Ended up with 3.2V coming out of the wires which you can leave as is or solder RCAs on.

Another version of this adapter, plug and play Amp I made to add amp with stock wires.



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Phil J Y, CX5_Driver and Antoine

RedBaron

May 14, 2020 #2

Kudos! Thanks for thinking of us.

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Antoine

Antoine
Administrator

May 14, 2020 #3

Yes, thank you for sharing this guide with us...I've linked to it via our Resources feature...

Resources
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Phil J Y

christianchi

Jun 21, 2020 #4

hola m gusto tu idea pero podrias hacer un diagrama de conexión para saber como van puestos

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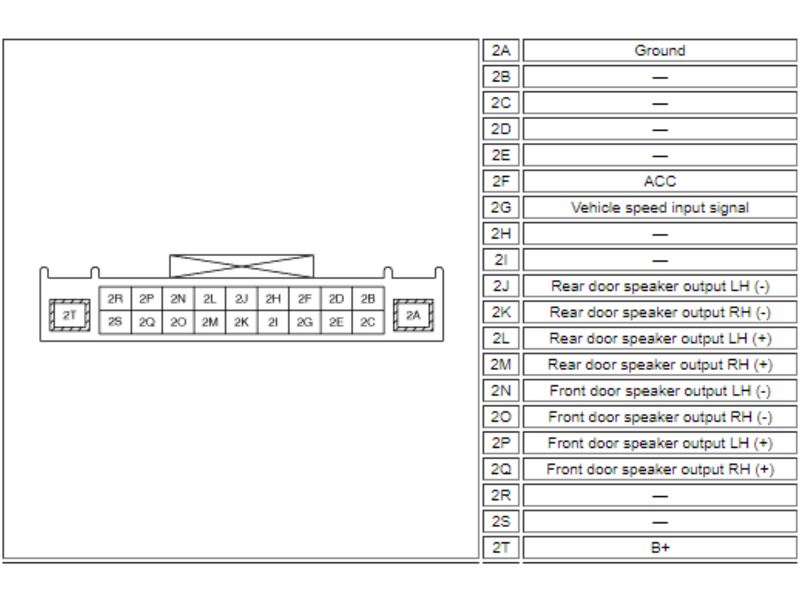
guy989

Jun 22, 2020 #5

Pinout



2A	Ground
2B	—
2C	—
2D	—
2E	—
2F	ACC
2G	Vehicle speed input signal
2H	—
2I	—
2J	Rear door speaker output LH (-)
2K	Rear door speaker output RH (-)
2L	Rear door speaker output LH (+)
2M	Rear door speaker output RH (+)
2N	Front door speaker output LH (-)
2O	Front door speaker output RH (-)
2P	Front door speaker output LH (+)
2Q	Front door speaker output RH (+)
2R	—
2S	—
2T	B+

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Phil J Y, CX5_Driver and Antoine

christianchi

Jul 2, 2020 #6

Hola ya pude hacer mi adaptador para poder colocarlo pero al sacar los zócalos de piso para llegar al amplificador que trae el cx5 (no bosé) me di cuenta que existe un conector en el pilar de la puerta delantera que venía desde el amplificador de al lado del filtro de cabina. La pregunta es ¿donde va conectado? el adaptador.

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LeonTunnie

Jul 5, 2020 #7

> guy989 said:
>
> I originally posted on Mazda6 forum but thought you guys can use this guide too. This is for the 2017+ TAU with the new small 20 pin connection. This will allow for
>
> Click to expand...

Hey mate,
So I gather the SCOSCHE NN04RB is the connector they are using now?

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christianchi

Sep 8, 2020 #8

Quien sabe como se conecta por que no me funciona aun no existe algo automático como en el modelo 2017 que es llegar y conectar

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Phil J Y

Aug 11, 2021 #9

Thanks - does anyone have the colour codes of the output side of the tuner amp on the 2018 cx5 - with amp in footwell type - I need to tap in to run 4 channel amp upgrade without losing any functionality of sat Nav fader etc.and I am struggling to find any schematics showing colour codes - my car has the infotainment type system dash mounted screen - non Bose -

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Phil J Y

Aug 12, 2021 #10

Hi as a footnote to my original question my only concern was if I wire my 4 channel amp on the input side of the factory amp using the SCOSCHE type plugs I would lose some functions ie/ fader for Sat Nav etc.If this is not the case please update as I already have sub amp running off input side direct through RCA's without LOC (as said only outputting around 3.2V to amp - within parameters) Now I am upgrading door speakers etc - It was something that was playing on my mind - you guys seem to know what you are about so I was hoping to pick a few brains…… in UK where I am there is plenty of info on the old wiring set ups for Bose and 4 speaker - but not a lot on the post 2017 cars with 6 speaker factory amps 🤔 Thanks Phil

Report Like +Quote Reply

Phil J Y

Aug 13, 2021 #11

> LeonTunnie said:
>
> Hey mate,
> So I gather the SCOSCHE NN04RB is the connector they are using now?

@LeonTunnie Correct any CX-5 post 2017 so far so older PAC no use to you until they upgrade - if not already - I completed this - easy solution for a a couple of plugs - approx £10 UK - bargain... 🙂 Phil 🇬🇧

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