



## A45s AMG QUAD TIP INSTALLATION GUIDE (A35/CLA35)



### Parts and Tools required list

**Quad Exhaust Tip Parts** \* The tips are now available to purchase from A35STORE.com

Parts	Part Code ( Merc )	Description	Est. Cost
Quad tip left	0004901500 LH	Available from A35 Store	Dealer- £500+
Quad tip right	0004901600 RH	Available from A35 Store	
*Dual exit exhaust trim left	A1778858903	Optional Purchase	£28.80 UK dealer price as of April 2020
*Dual exit exhaust trim left	A1778859003	Optional Purchase	
*If unable to source in UK, buy direct from <a href="https://www.kunzmann.de/shop/en/">https://www.kunzmann.de/shop/en/</a> request via contact / email, they'll raise an invoice so you can pay via paypal etc			

***This guide is aimed at a driveway install, if you have a ramp, there is a possibility you can remove the exhaust and access the rear tailpipes.***

### **Tools**

If you are attempting this modification yourself, then I'll assume you have, or have the means to obtain the required tools, and you are competent enough to install. The **extra deep** socket is required, a regular deep socket will not suffice. Two options for cutting the exhaust pipe down are listed- I'd certainly opt for the exhaust cutting tool. It operates like a hot knife through butter. Black high temp paint is listed- just for attention to detail, (to darken any edges from the exhaust cut)

Tool	Sizes	Cost	Where used	Purchase Link
Sockets	10mm,8 mm	N/A	Bumper removal / boot trim removal	N/A
Extra deep Socket (Laser 5709 )	10mm x 120mm	£10-14	Rear bumper, through boot area.	<a href="#">Amazon</a>
3/8 to ½ converter	/	/	For above tool, should you require	/
Extension bars	5-10inches	N/A	Used when accessing 2 10mm bolts underneath the bumper	N/A
Torx bits	T40		Removal of plastic boot trim, removal of TIP from casing	N/A
Hand Riveter & Rivets	Rivets 4.8 x 10	£8-14	To rivet casing back to bumper ( grip range 4.5 to 6.0 mm )	N/A
Self-Tapping screws for plastic	10/20mm ( guestimate)	/	Option to use instead of rivets (better option in my opinion)	n/a
Exhaust cutting tool	Universal	£21	For removal of 30-40mm of exhaust pipe. Cleaner cut than a grinder	<a href="#">Amazon</a>
Angle Grinder & cutting disc	/	/	Optional- to cut off 30-40mm of exhaust trim if you don't have the above	N/A
Black high temp paint	Small tin	£5	Optional- to darken any silver from exhaust pipe cuts	N/A
Jack and Axle Stands	Optional		Only use if you don't have any wood sleepers!	N/A
Drill bit 5mm	Optional	/	If using the recommended rivets you will need to open out the existing holes to 5mm	/

## **Step 1**

**Either jack up your car or drive forwards over the wood sleepers**



## **Step 2- Lower Bumper bolt removal**

**Tools required: 8mm and 10mm socket, extension rod.**

From underneath the vehicle you will need to remove 3 x 8mm bolts, 2 x 10mm bolts and 2 x plastic push fasteners/rivets (1 per side on the outer edge of the bumper).

[VIDEO HERE](#)

Once you have removed all the metal bolts, you will need to remove the plastic push fasteners. Using a flathead screwdriver, lever the central plastic out from the fastener. Simply pull out the remaining fastener with your hands, or if not, use a lever.



## **Step 3 – Wheel arch bolt removal**

**Tools required: 10mm + extension bar (or extra deep socket)**

With the bolts from underneath the bumper removed, you can now move on to the single (per side) wheel arch bolt. You can access this with the arch lining and wheel on, you may need to feel for the bolt, and manipulate the arch liner enough so you can comfortably access the bolt. You can either use the extra deep socket or a standard 10mm for this phase. I used the laser extra-long socket as it seemed easier to locate and maintain a grip of the bolt,



Note the angle. Please feel for the bolt and have a visual inspection prior to removal. Refitting- it's important that you don't overtighten.

**PTO**

#### **Step 4- Rear bumper upper bolt removal**

**Tools Required: T40 Torx, 10mm socket, 10mm x 120mm Extra deep socket  
small piece of blu-tac.**



To access the 2-x rear bumper upper bolts, you will need to remove the above piece of boot trim

You need to remove the plastic covers from the two metal eyes (remove by hand) to expose **2 x T40 Torx** bolts.

Remove the eyes, and then unscrew the central 10mm bolt. Pull off the trim from the top edge. You may need to apply a degree of upwards force to free several retaining clips.

[VIDEO HERE](#)

Once You have removed the trim, you can access the 2 x rear bumper retaining bolts by removing 2 x rubber bungs to reveal a long guide rod, which leads to a 10mm nut. There is a risk here you can lose the nut, so make sure you apply a small amount of blu-tac (place in the socket end), or have a pick up tool available if the inevitable occurs!

[VIDEO HERE](#)

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## **Step 5 – unclipping the rear bumper**

### **WARNING- PLEASE BE CAREFUL AT THIS STAGE**

**Parts Required: a sheet, cushions, or an assistant. If available body panel tools / levers (not essential)**

This for me was the most disconcerting part of the procedure. I felt like I was going to snap off the bumper, or break clips- be careful.

Ensure that the ground is protected with a sheet / cushions, as you don't want to scratch your bumper or worse. If you have the luxury of an assistant, then draft them in at this point to take hold of the opposite part of the bumper you're unclipping.

Grasp the bumper at the offside wheel arch, close to the rear light. Using outward force, pull the bumper until you hear it unclip.



Remove rear bumper by starting here, pulling outwards...

Carry on working across the bumper until you almost reach the near side. **You will need to unclip the reverse sensor wiring loom.** This socket is located towards the near side and is fixed to the rear crash bar. Remove the socket pulling out the grey socket retaining clip.





Continue to unclip the rest of the bumper and remove the whole removed rear bumper to your work area.



Rear Sensor loom socket (female) is locked on the inside of the crash bar, as indicated. The male end is fastened within the rear bumper.

## **End of Phase 1**

### **Phase 2- Swapping the tips**

#### **Step 6**

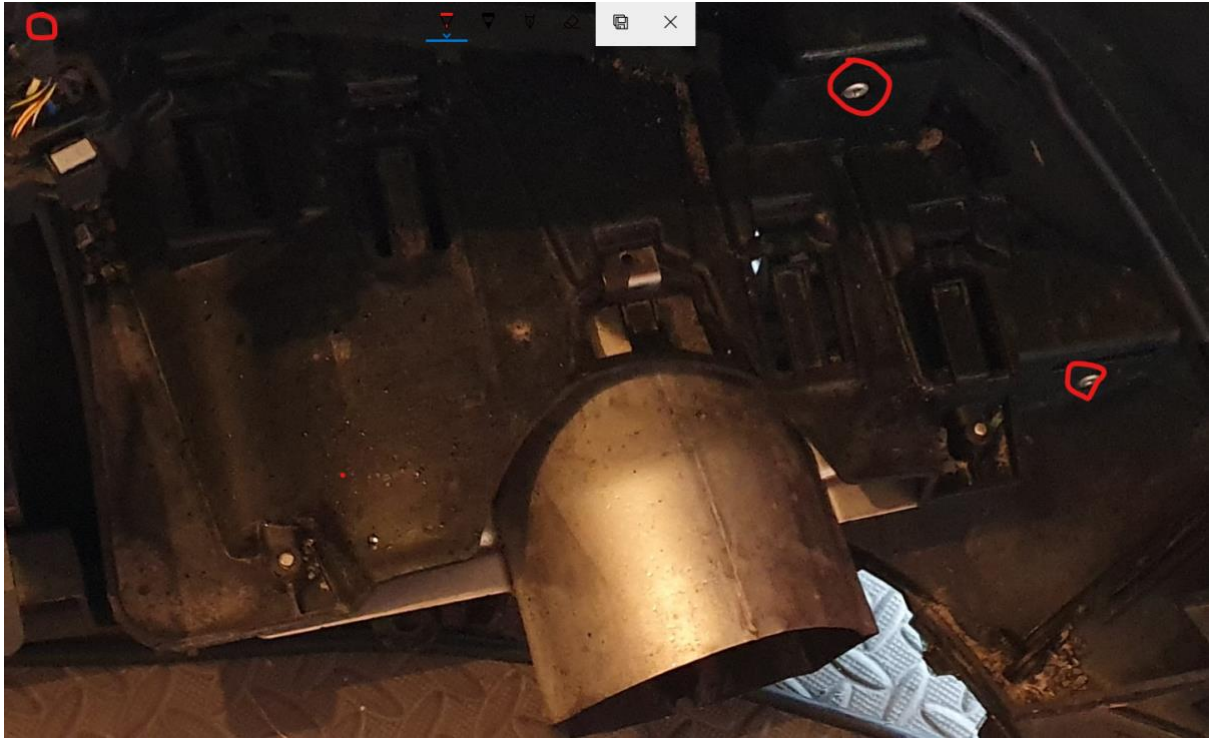
**Tools needed: Metal drill bit, hand riveter or self-tapping screws, T40 torx.**

Drill the 3 aluminium rivets out and remove the TIP casing from the bumper.  
Unscrew the 2 x T40 Torx and remove the old single exit tip from the casing.



Here you can see the tip casing fixed to the rear bumper. You need to drill out the 3 silver rivets and then remove the casing. If using the rivets I suggested, you will need to open up the existing holes to 5mm with a drill bit





Once removed, place the quad tips into the casing ensuring that the 2 brackets slide into the slots on the case, and the clips behind are correctly fixed.



New tip with the 2 mounting brackets on the edge of each tip.

With the new tip in the case, you are now ready to add the two pieces of \*Optional\* black plastic trim.



- **TIP- the trim has LH and RH** embossed on the rear of each piece should you get confused. It clips in one way only. Now it's time to install the tip into the bumper.



New tip installed into the casing; the casing is now remounted into the bumper with new rivets about to be installed. This is the point where you can choose to use self-tapping screws instead of rivets. ST screws are handy if you wish to remove the quad tips later.

Install both sides. Make sure the clips at the bottom of the casing are fastened into the bumper (you can see this on the above pic, right at the bottom of the tip)

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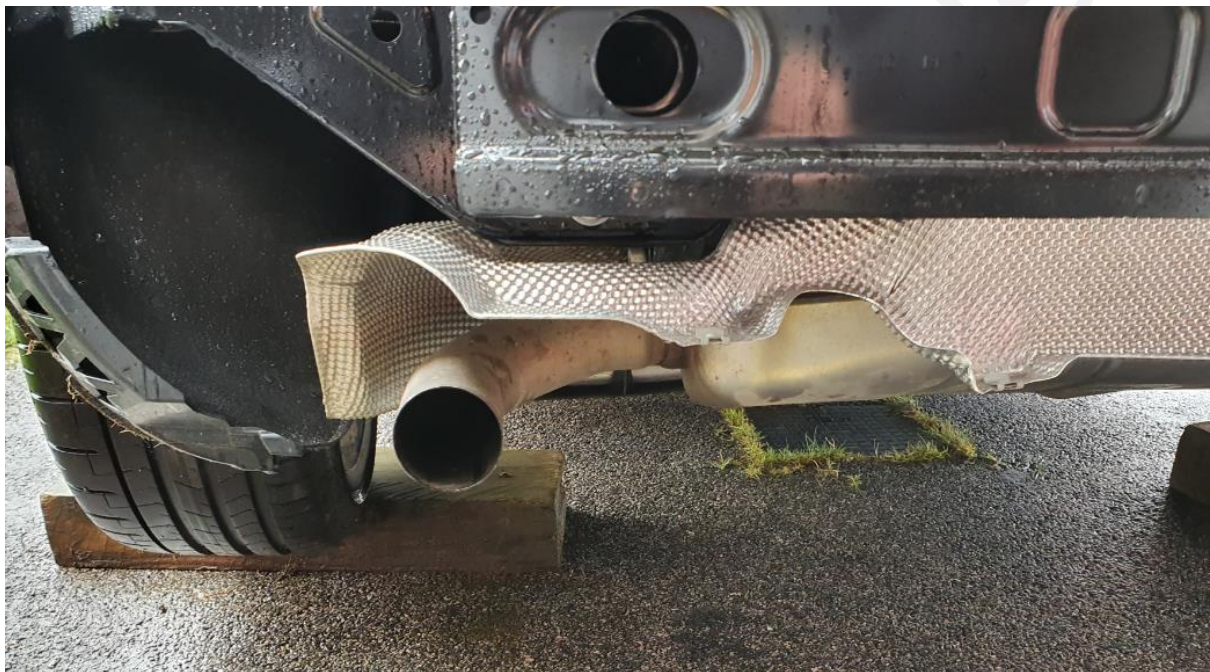


## Step 7- Exhaust Trimming

**Tools required:** Exhaust cutting tool, or angle grinder with cutting disc.

*Trimming your exhaust is necessary as the A35 stock pipes are long enough to foul the new tips and prevent installation. Even trimmed, your original A35 single tips will comfortably fit back on should you wish to return to stock.*

Using your exhaust cutting tool (or grinder) remove 40mm of tailpipe per side. This will ensure that the pipe does not touch the tip internals causing noise, and poor fitment.



[VIDEO HERE](#)

**PTO**

## Final Steps

Now it's time to reinstall the rear bumper, going in reverse to removal. I would only remind you **NOT TO FORGET TO RECONNECT** the rear parking sensors. If you do, it is possible to reconnect from underneath so don't strip the bumper off again. Yes, I made that error, so you don't have to ;-)

## [THE END RESULT VIDEO](#)



Other GG A35 guides available as of April 2020:

- 1) Quad tip installation guide v1.1
- 2) Panamericana / GT grille installation guide v1.1
- 3) Dashcam hardwire installation guide v1.0
- 4) W177 A Class Chrome handle wrap guide v1.0

Please get in touch if you require any of the above guides or any A35 help in general:

[gibbo1981@gmail.com](mailto:gibbo1981@gmail.com)

[www.A35store.com](http://www.A35store.com)

Happy motoring – Gabe G

