



ASTON MARTIN V8/V12 EXHAUST & POWERPACK FAQ [2004-2017]

This guide has been created to help prospective and existing customers better understand Aston Martin exhaust system compatibility (2004-2017 model years). Within this FAQ, you will find information regarding which exhaust components can be combined, how various configurations affect sound volume and tone, potential installation requirements, and recommendations based on your performance and sound objectives.

Check out our YouTube and Instagram channels, for video clips. <https://www.youtube.com/c/VelocityAP>

Axle Back:



- Fitment is identical/interchangeable for any Vantage (V8 or V12)
- Fitment is identical/interchangeable for any large chassis (DB9, DBS, Virage, Vanquish except Zagato and Vanquish S which has quad exit exhaust and it's own dedicated exhaust product).
 - <https://www.velocityap.com/product-category/aston-martin/>
- Rapide is its own fitment, and also has a quad tip on the later models.
 - <https://www.velocityap.com/product-category/aston-martin/rapide/?product-filters=exhaust,power-packs>
- Sound options for all the above are identical. **We do not offer the exact same products across all model years; this is meant to be a general overview. (Please note:** The in/out pipe locations and hangers differ slightly, but the basic configurations are all the same:
 - **Race Delete** (no XPipe, just straight pipes) – Most aggressive and very loud output
 - **Race XPipe** (delete the muffler and replace with an xpipe, no valves) Very loud but higher pitched
 - **Supersport, Sport and Touring** in order of loudest to quietest, all with internal Xpipes. Touring is marginally louder than OEM.
 - **Valved** (special chambered extra quiet valved muffler, with xpipe muffler bypass) – Extremely loud when open, OEM level when closed. Valves will open and close like OEM.

Complete Power Packs (significant increase in sound volume for the V8 and V12)



- V8 Vantage All Model years
- V12 all model years for 6.0L NA

Cat Sections:



- **2006-2010 Vantage:** Cat delete or 200 cell sport cats. Replaces both primary & secondary cats at once, requires tuning. Significant increase in volume. Compatible with our headers
- **2010.5-on MY Vantage:** Secondary deletes only, only compatible with OEM headers. Moderate increase in sound (primaries are retained in the OEM manifolds)
- **ALL 6.0L V12:** Secondary deletes only. Moderate increase in sound – even more so than V8's, because these cars have 6 cats total, and there are 2 in each OEM manifold.

Xpipe Center Section:



- Changes pitch but makes the volume increase even more moderate, barely any sound increase at all, some people will even perceive as quieter.
- General rule of thumb – adding an XPipe is going to increase pitch, described this as 'European or Exotic' sound, versus 'American' V8.

Common FAQ:

- **Can I just install the headers from the Power Pack and not do the ECU tuning to get that high pitched sound everyone loves?**
 - There are a couple of issues why we won't sell this separately. First there won't be anywhere to plug in the post-cat O2 sensors. The second is that moving the sensors from a few inches, to 2 feet from the exhaust ports on the engine changes the transit time, this means that when the ECU makes a change to fuel trims in closed loop, it expects to see that change picked up by the O2 sensors in the Air/Fuel ratio within a particular time frame (milliseconds.) If it takes longer, it throws slow response codes and thinks the sensor is on the way out. Another way to obtain a similar type of sound, you could go with our secondary deletes + valved exhaust, or XPipe muffler delete. Both bring that higher pitch note, just not as aggressive as the Power Pack.

- I have a V8 Vantage. I am interested in purchasing the X-pipe and secondary decat pipes, but just wanted to confirm these parts are compatible with one another and the decat pipes will not trigger any emission codes?
 - Yes, these are compatible with each other and the secondary cats are not monitored by the ECU, so it should not cause an issue with codes.
- Are your exhaust CARB compliant?
 - No they are not.
- Will my car pass emission testing with your exhaust installed?
 - It depends on the type of emissions testing in your area and what modifications were made to the exhaust system. We cannot guarantee your results. In most cases, catback, axle back and muffler delete exhaust systems might pass. Changes to the vehicles catalytic converters is more likely to not pass.
- Aston Martin V8 Vantage: I'm looking to bypass the secondary cats and add an x-pipe but not sure if you offer a secondary cat section x-pipe for my car?
 - We have both straight, and x-pipe secondary delete options for the 2011-on cars: <https://www.velocityap.com/product/aston-martin-v8-vantage-decat-catalyst-replacement-my2011-on-exhaust/> The x-pipe changes the tone but functionally makes the car sound quieter so it offsets a lot of the volume increase of deleting the secondaries.

Social Media:



- I watched a video on Instagram by Persian.Stig or Supercar Ron, what exhaust are they running?
 - Persian.Stig = V12 Power Pack with 200 Cel Cats + SuperSport Exhaust Back
 - Supercar Ron = V12 Power Pack with 200 Cel Cats + Valvetronic Exhaust Back

Thank you for your purchase. Tag us in any of your photos or videos once installed.

