



RS3, TTRS, DAZA Cast Downpipe

[Cast Stainless Steel Performance Downpipe, Audi 8S TTRS and 8V.5 RS3](#)



034 MOTOR SPORT

The 034 downpipe solution includes an integrated v-band flange at the turbine outlet, integrated oxygen sensor bung after the catalyst, OEM-style corrugated flex bellow, and factory-location exhaust hanger.

Installation Spiciness Rating: Ass Burning



Estimated time of completion: 5-6 hours

Supplied Parts:

- Cast stainless steel downpipe
- 2 downpipe gaskets
- All necessary hardware

Tools Needed:

- T40 Torx bit
- T30 Torx bit
- T25 Torx bit
- 5mm Allen
- 10mm triple square socket
- 12mm swivel socket
- 13mm socket
- 18mm socket

About This Guide

This Install Guide documents the installation process of 034Motorsport's cast downpipe for the RS3/TTRS. There may be other minor differences with your vehicle depending on specific vehicle, market, options, etc. This TTRS was equipped with a Milltek cat-back exhaust system.

Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

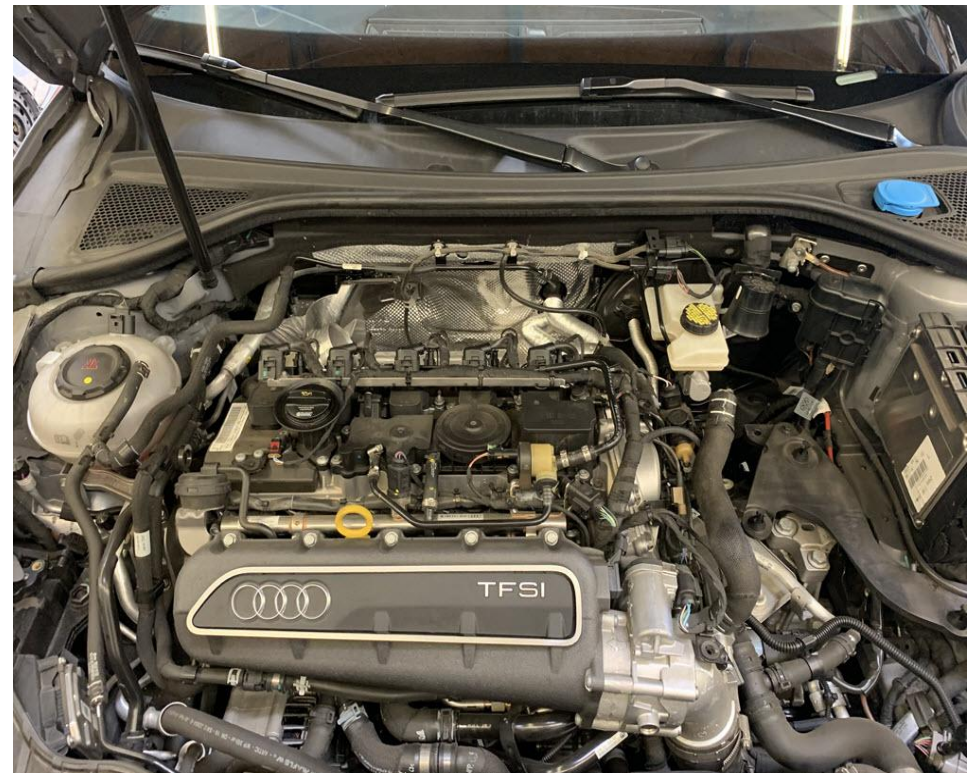
customerservice@034motorsport.com

Step 1

Raise the car off the ground, either with a lift, or a jack and jack stands. When using a jack, **ALWAYS** use jack stands. Being crushed by your car will put a real damper on your day.

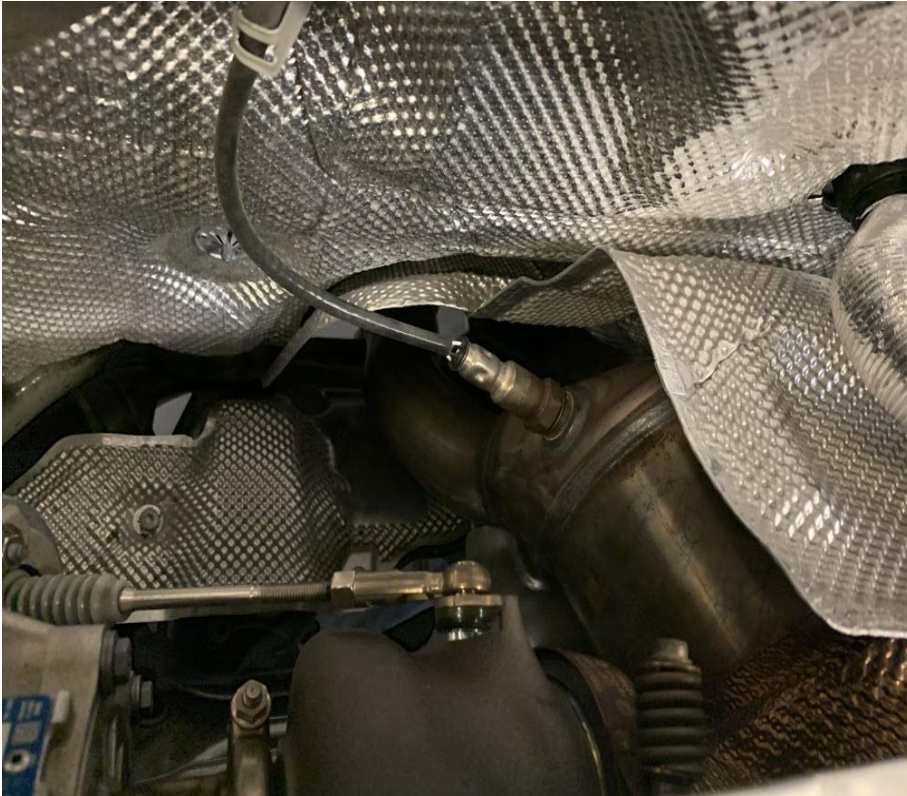
Step 2

Remove engine cover and intake/airbox.

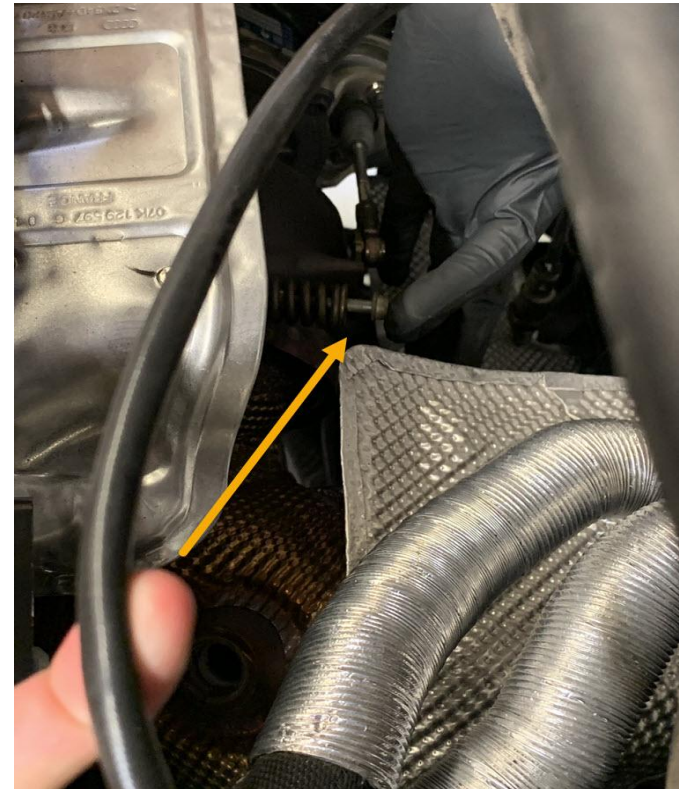


Step 3

Remove oxygen sensor from OE downpipe.

**Step 4**

Using a T25 Torx bit, loosen V-band clamp between turbo and downpipe.



Step 5

Using a 12mm swivel socket, remove the 3 nuts securing the downpipe to each downpipe outlet flange (6 total).

**Step 6**

Using a 13mm socket, remove the chassis tunnel brace.



Step 7

Disconnect the exhaust valve electronics (one on each side).

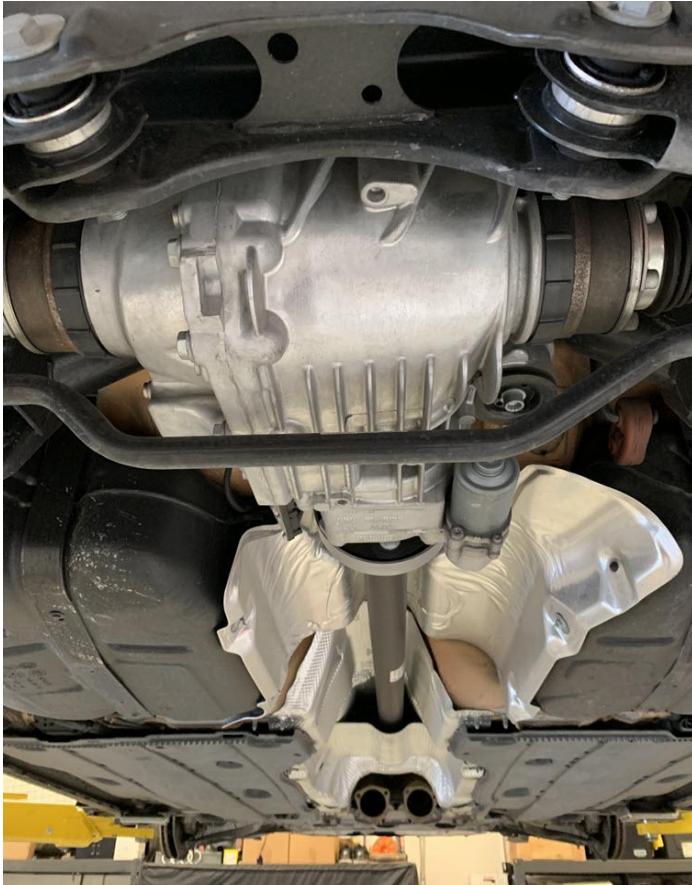
**Step 8**

Remove the 3 exhaust hanger bracket bolts.



Step 9

Remove the exhaust system.

**Step 10**

Remove the press-nuts from the underbody heat shielding.



Step 11

Using an 8mm allen, remove the cover for the front axle.

**Step 12**

Remove upper driveshaft cover.



Step 13

Remove the downpipe support bracket.

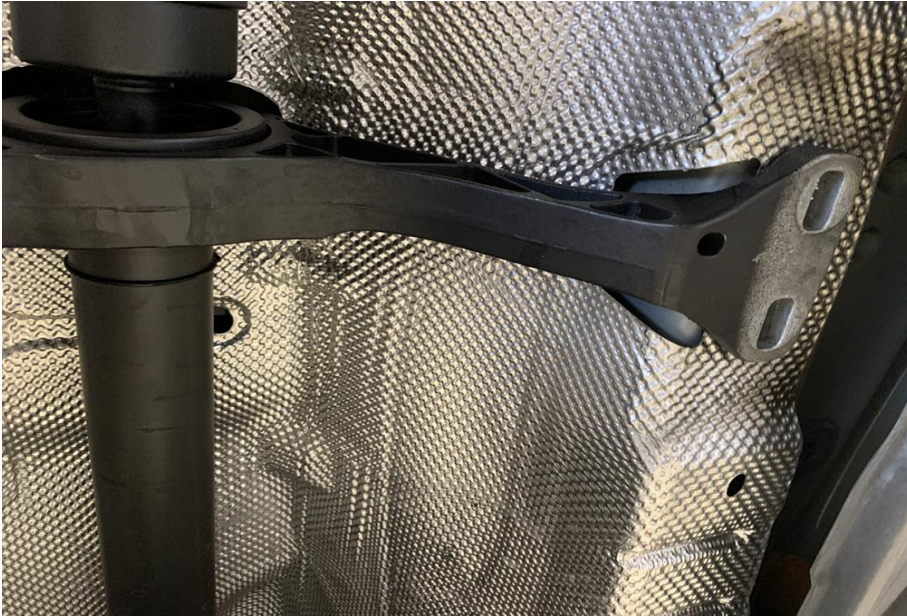
**Step 14**

Using a 10mm triple-square socket, remove the driveshaft bolts from the rear differential.



Step 15

Using a 13mm socket, remove the driveshaft carrier bracket.

**Step 16**

Using 18mm and 21mm sockets, remove the dogbone mount.



Step 19

Disconnect the headlight level sensors.

Step 20

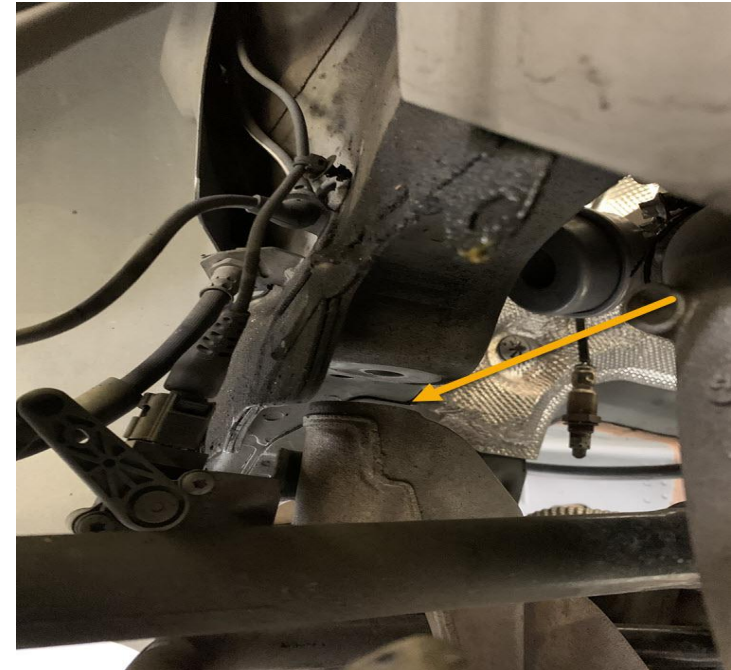
Using an 18mm socket, remove the front swaybar endlinks.

**Step 21**

Using a driveshaft removal tool, disconnect the driveshaft from the center differential (transmission).

Step 22

Using an 18mm socket, remove the rear bolts attaching the subframe, and let it hang.



Step 23

Remove the v-band clamp connecting the turbo/downpipe.

Step 24

Carefully remove the old cat from the car, minding the heat shielding on the firewall, tunnel, and underbody.

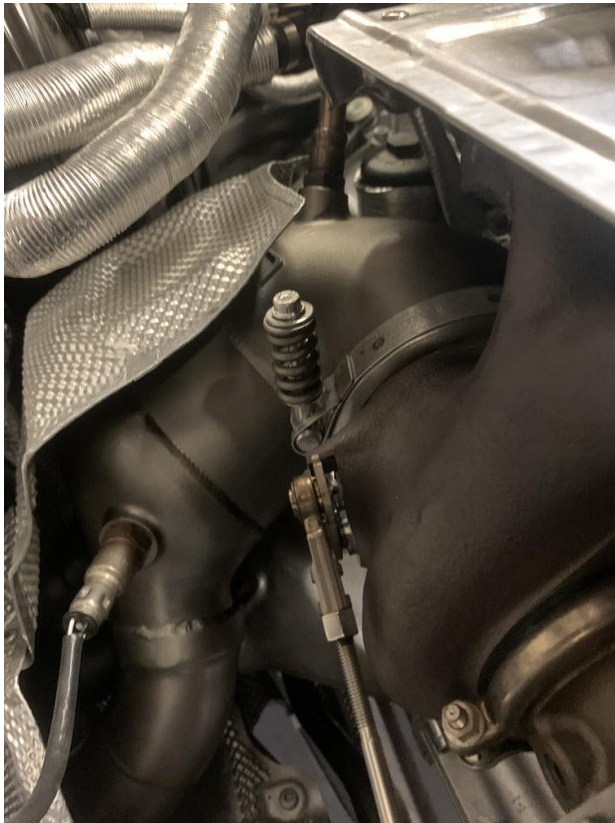
**Step 25**

Remove downpipe support bracket from the old cat and swap it over to the 034 unit.



Step 26

Attach new v-band clamp to the turbo, and slide the new 034 cat into place. Use T25 Torx to tighten the spring-loaded bolt.

**Step 27**

Reinstall the driveshaft and driveshaft support bearing.

Step 28

Return the subframe back into place.

Step 29

Put the front swaybar endlinks back on.

Step 30

Put the subframe puck and dogbone back into place.

Step 31

Reconnect the headlight level sensors.

Step 32

Reconnect the downpipe support bracket to the chassis.

Step 33

Put the upper driveshaft cover into place.

Step 34

Return the front axle cover back into place.

Step 35

Using a socket, press the push-lock washers back on to secure the heat shielding.

Step 36

Put cat-back exhaust system back into place, and return the exhaust hanger bracket bolts.

Step 37

Reconnect exhaust valve plug ends.

Step 38

Return the undercarriage bar.

Step 39

Install the provided hardware to connect downpipe to the exhaust system.

Step 40

Reinstall the oxygen sensor.

Step 41

Put the airbox and engine cover back into place.

Step 42

Sit back and enjoy the fruits (and hrspwrs) of your hard labor!