



FABSPPEED

MOTORSPOORT

EXOTIC CAR PERFORMANCE SPECIALISTS

Porsche 970 Panamera Turbo Primary Sport Cats



Estimated Install Time

5:00:00

Required Tools

Hydraulic Lift or Floor Jack & Stands
Metric Socket Set w/ Ratchet & Extensions (Wobble-type Extensions are ideal)
Swivel Socket Adapter
Swivel-neck O₂ Sensor Wrench
Screwdriver Set (Cross-type & Flat-head)
Metric Open-End Wrench Set
T25 & T40 Torx Bits
Assorted Prybars (Optional)
Rubber Mallet (Optional)
Small Flashlight (Optional)

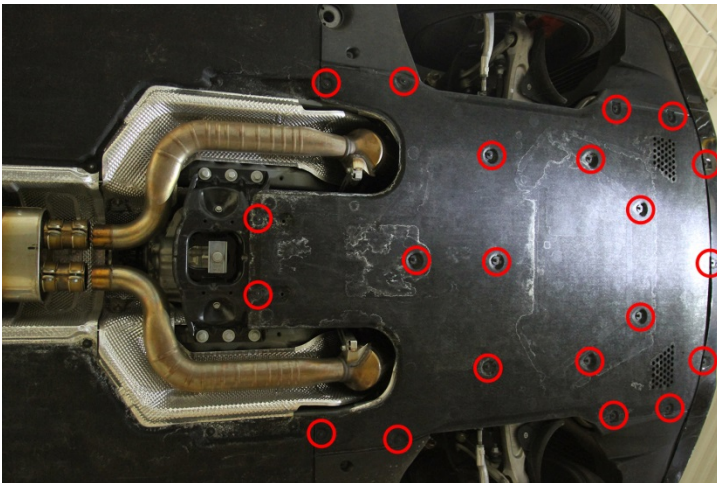
CAUTION

- *Always allow car to cool before performing any installation(s) or service(s) on it.*
- *Always be sure to work on an even and level surface when raising vehicle(s) with a jack, and support all raised vehicles with locked jack stands once elevated.*
- *Fabspeed Motorsport recommends that all installations be supervised or verified by a trained professional technician.*
- *Fabspeed Motorsport is not responsible for any personal injury or damage(s) sustained to a vehicle during installation of aftermarket performance parts.*

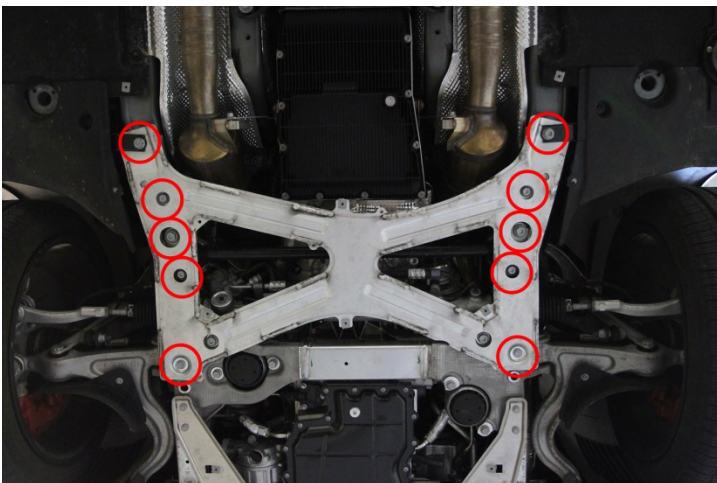
1. Lift vehicle and remove front wheels.



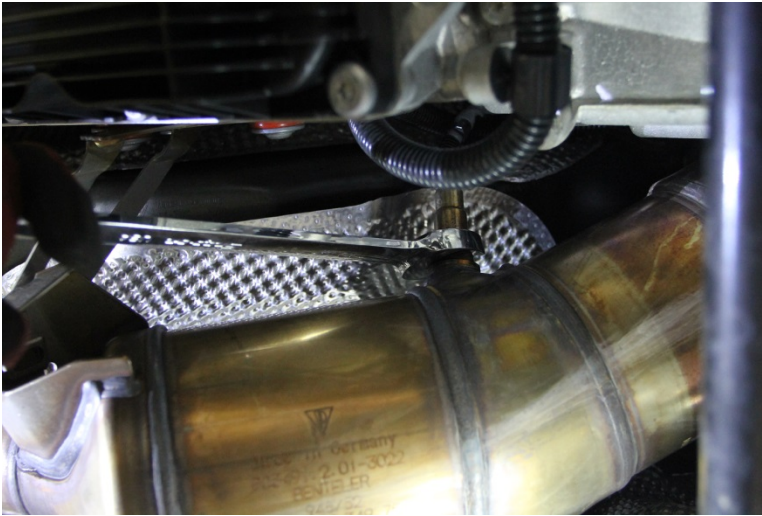
2. Using a T25 Torx bit, remove (21) screws securing the front under panel.



3. Using a 16mm socket and an 18mm socket, remove the (10) bolts securing the subframe brace. (Take note of the power steering rack bolts which are not circled. These should not be removed.)



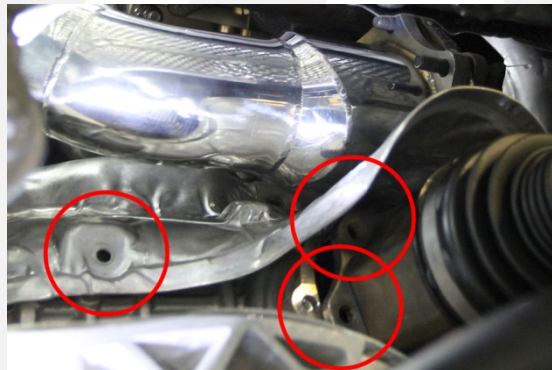
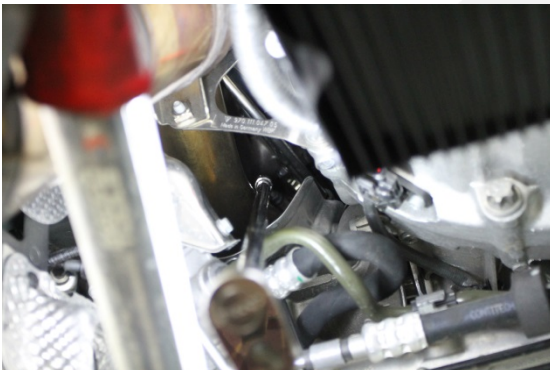
- Using a 22mm open-end wrench, remove the secondary O₂ sensors from the factory catalytic converters.



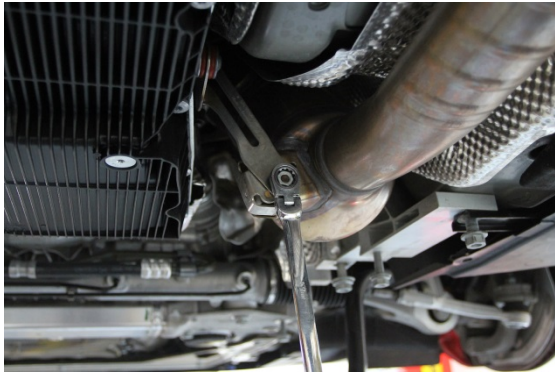
- Using a swivel-neck O₂ sensor wrench, remove the primary O₂ sensors from the factory catalytic converters.



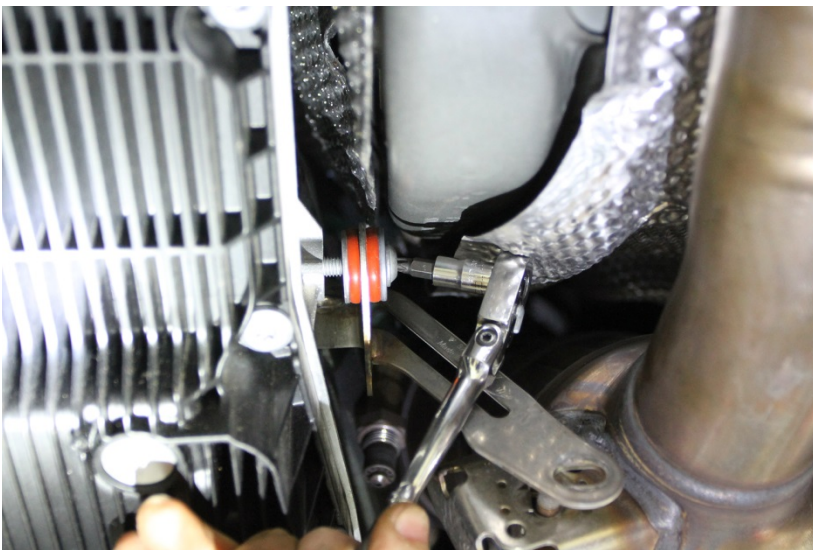
- Using a 12mm socket and swivel adapter on an extension, remove the nuts from the turbo flange studs – (5) on left side, (6) on right side. (NOTES: *This is the most time-intensive step, so be patient. These flange nuts are quite difficult to access, and require some finesse. Turbo studs may break free during removal, but these can be re-installed later. Additionally, the right-side axle bolts and heat shield bolts may need to be temporarily removed to allow for tool clearance.*)



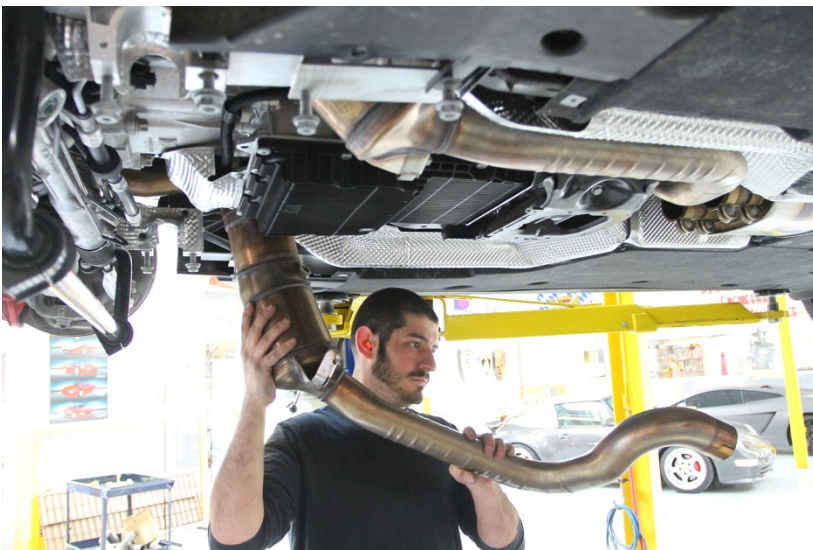
- Using a 13mm wrench, remove the bolts securing the factory catalytic converters to the brackets.



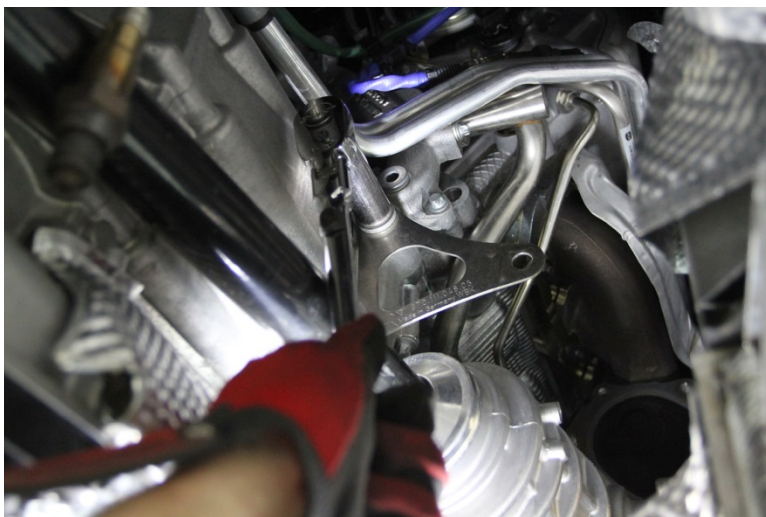
- Using a T40 Torx bit, remove the right side bracket from the transmission housing.



- Remove the factory catalytic converters from the vehicle.



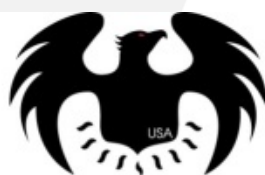
- Using a 16mm (6-point) socket, remove the (2) bell housing bolts securing the front brackets to the vehicle. Remove brackets and re-install bolts. *(Brackets are not needed for Fabspeed's Primary Sport Cats.)*



- Install Fabspeed Primary Sport Cats and perform steps 1 through 8 in reverse order to complete installation. (NOTE: O_2 sensors may need to be removed from the retaining clips in order to gain proper cable length.)



If you have any questions, comments, or concerns related to your product, please contact us!



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