



2020 Toyota Supra GR Installation Instructions 579-44115100 Stainless Steel Cat-Back Exhaust with Muffler



**Thank you for your purchase, we appreciate your business.
If additional assistance is needed, please contact Kooks Headers and Exhaust
Toll free at 1-866-586-KOOK or contact your local dealer.**

**Do not attempt this installation if proper safety equipment is not available to
you - seek the assistance of a professional installer.**

Read and understand all instructions before beginning.



Stock Exhaust Removal Process

To install this system, the following tools are suggested:

- Vehicle Lift or Jack and 4 Jack Stands
- Ratchet Set ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Metric Socket Set ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- Extensions ($\frac{1}{4}$ " & $\frac{3}{8}$ " Drive)
- O₂ Socket (or Wrench)
- Metric Wrench Set
- Exhaust Hanger Pliers (groove joint pliers)
- Safety Glasses
- Paint Pen or Marker
- Vehicle Service Manual
- Anti-seize

Vehicle Preparation

****Raise and Support Vehicle (Refer to Owner's Manual for specified jacking points) ****

Always disconnect the battery before performing this type of work on any vehicle

Step 1: Battery

- Disconnect the negative and positive terminals of the battery

Step 2: Remove Components

- Remove Engine Covers
- Remove Side Impact Brace (Located at bottom center of vehicle)
- Unbolt (4) hangers
- Disconnect Exhaust Valve at rear passenger side of system
- Unplug both Oxygen Sensors, on Downpipe located on passenger side of vehicle
- Unbolt V-band and remove bolts from downpipe bracket, remove downpipe
- Remove Components starting at the rear of the vehicle working your way forward.

Step 3: Correct System Components

- If using all parts of a KOOKS supplied exhaust system skip this section.
- If maintaining components from the OEM system in conjunction with KOOKS components please see following instructions on where to make modifications for proper fitment.
- If replacing only the OEM downpipe with a KOOKS downpipe (off road or green catted) All OEM items beyond will mount in factory locations with no further modifications required.



KOOKS INSTALLATION PROCESS

STEP 1. Cat-Back with Muffler (*Requires 2 people*)

- Place 3" Band clamp over expanded end of both left and right pipes of Muffler. Slide Mid pipes (44115MID) into expanded pipes on Muffler taking note of System layout to insure proper direction. Place 2.5" bands onto muffler short legs, then place Muf-out pipes in proper locations and Tighten to spec (Take note that once the Muffler and Mid pipes are in place they will need adjustment for proper alignment on Vehicle.) Then, place mounting brackets onto Hanger rods, lift into place and slide assembly onto Y-pipe using correct bands noted in system layout. Tighten brackets and clamps to factory torque specs. Continue to Step 5

STEP 2. Exhaust Tips

- Place 2.5" clamps onto tips, then place tips onto pipe outlets and tighten clamps to factory torque specs.

STEP 3. Exhaust Alignment

- Align the exhaust clear of all obstructions and position tips where desired.
- Tighten all clamps to specified torque.

STEP 4. Inspect

- Start Engine and check for any exhaust leaks.
- Allow vehicle to complete one heat cycle (heat to operating temperature and allow for cooling).
- Re-torque clamps.