



## Installation Instructions

**ARK Exhaust System**

**DT-S Cat-Back with optional Test Pipe**

(SM1202-0113D, 0213D; TP1202-0113)

for

**Scion FR-S and Subaru BRZ**

**(2.0L H4 4U-GSE/FA20)**



## Contents

- Rear Section Muffler— 1
- Mid Pipe—1
- Resonator Pipe—1
- Flange Gasket—full set
- Bolts & Nuts—full set
- **Optional Parts (TP1202-0113 ):**
  - Resonated Test Pipe—1
  - Flange Gaskets—full set
  - Bolts & Nuts—full set

## Tools Required

- Socket Wrench/Wrench:
  - 12 mm
  - 14 mm
  - 16 mm (5/8 in)
  - 17 mm
- Socket Wrench Extension
- Lubricant (WD-40)

## Warning

- Before removing the original exhaust system, be sure to give sufficient time for the exhaust piping and surrounding parts to cool down. They can be extremely hot!
- If any items in the package are missing please contact your authorized dealer before installation.
- We advise you to have an experienced person or certified mechanic install the exhaust system.
- Loosely fasten all nuts and bolts until everything is installed, then tighten them down to the proper torque specs as you align the exhaust system.
- These instructions are specific to the 2013 Scion FR-S and Subaru BRZ (2.0L H4 4U-GSE/FA20). However, please specify the exact year/model when purchasing the exhaust system.

# Installation of ARK Performance DT-S exhaust system



FIGURE 1

## Optional Part: (1, 2, & 4):

1. Optional part: Bolt the resonated test pipe to the OEM catalytic converter with the OEM flange gasket and nuts using a 17 mm socket wrench (Figure 1)



FIGURE 2

2. Optional part: Remove the shield. Bolt the test pipe to the OEM bracket using the OEM nuts and bolts (Figure 2)

3. Bolt the resonator pipe to the OEM catalytic converter pipe using the OEM flange gasket, nuts, and bolts with a 17 mm socket wrench (Figure 2)

4. Optional part: Bolt the resonator pipe to the test pipe with the supplied donut gasket, nuts, and bolts using both 16 and 17 mm socket wrenches (Figure 2)



FIGURE 3

5. It is recommended to have a friend hold up the resonator pipe if you do not have an exhaust stand (Figure 3)



FIGURE 4

6. Spray the rubber insulator with lubricant before sliding the metal hanger from the mid pipe into it (Figure 4)

7. Bolt the mid pipe and resonator pipe together with the supplied gasket, nuts, and bolts using both 16 and 17 mm socket wrenches (Figure 4)

## Installation of ARK Performance DT-S exhaust system



8. To put the shield back on with the ARK Performance test pipe, you must cut out the corner to clear the resonator (Figure 5)



9. Spray the rubber insulators for the muffer and slide the metal hangers into them (Figure 6)



10. Bolt the muffer to the mid pipe with the supplied flange gasket, nuts, and bolts using both 16 and 17 mm socket wrenches (Figure 7)

11. It is recommended to have one person align the tips and the other person tightening down all of the nuts and bolts to the proper torque specs (Figure 7)

## First Operation

Before starting the vehicle, be sure that no part of the exhaust system is touching a heat sensitive area or an area that will cause a rattle and vibration.

It is normal to have white smoke come from the exhaust system upon first start up and operation.

Be sure to check that there are no exhaust leaks, this can be done by revving the motor in neutral to 2,000-2,500 rpm and listen to the piping for any leaks.

## Maintenance

Please do not use any acidic chemicals or abrasive materials when cleaning your ARK Performance exhaust system.

We recommended that you **ONLY** use water and/or automotive soap when cleaning either the Burnt or Tecno tips.

It is recommended to check the nuts and bolts periodically to make sure they have not come loose, re-tighten them if necessary.

