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## Installation Instructions

**ARK Exhaust System**

**GRiP Cat-Back**

(SM1104-0107G, 0207D, 0307D)

for

**Infiniti FX35 (3.5L V6 VQ35HR)**

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## Contents

- Rear Section Muffler— 2
- X-Pipe—1
- Front Resonator Pipe—2
- 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 2009-ON Infiniti FX35 (3.5L V6 VQ35HR). However, please be sure to specify the exact year and model when purchasing the exhaust system.

## Removal of OEM exhaust system



1. Unbolt the muffler from the mid pipe using a 14 mm socket wrench (Figure 1)



3. Spray the rubber insulator and metal hanger on the driver side of the muffler with a lubricant (Figure 3)



2. Spray the rubber insulator and metal hanger on the muffler with a lubricant (Figure 2)



4. Spray the rubber insulator and metal hanger on the passenger side of the muffler with a lubricant then slide the hangers out of the insulators and remove the muffler from the vehicle (Figure 4)

## Removal of OEM exhaust system



5. Spray the rubber insulators and metal hangers with a lubricant on either side of the mid pipe and slide the hanger out of the insulators (Figure 5)



7. Unbolt the Y-pipe from the catalytic converter (aftermarket test pipe shown) using a 14 mm socket wrench and remove the Y-pipe from the vehicle (Figure 7)



6. Unbolt the mid pipe from the Y-pipe using a 14 mm socket wrench and remove the mid pipe from the vehicle (Figure 6)



# Installation of ARK Performance GRiP exhaust system



1. Bolt both front resonator pipes to the catalytic converters with the OEM nuts, bolts, and gaskets using a 14 mm socket wrenches (Figure 8)



3. Bolt the X-pipe to the front resonator pipes with the supplied nuts, bolts, and gaskets using a 16 and 17 mm socket wrench (Figure 10)

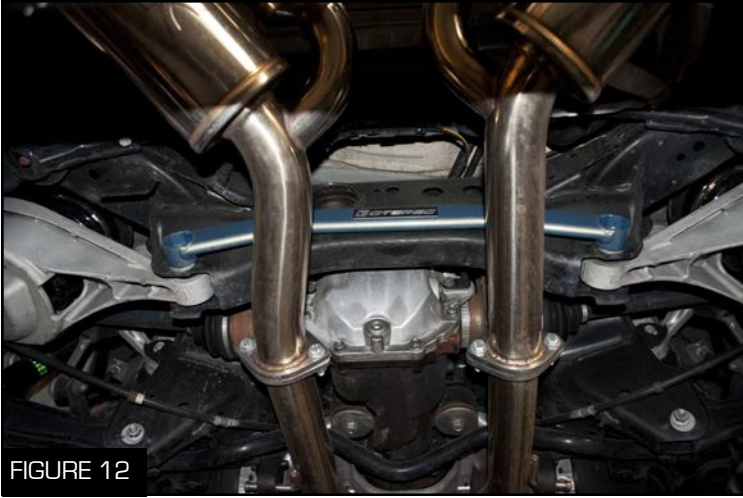


2. Spray the rubber insulator and metal hangers on both sides of the X-pipe with a lubricant and slide the hangers into the insulators (Figure 9)

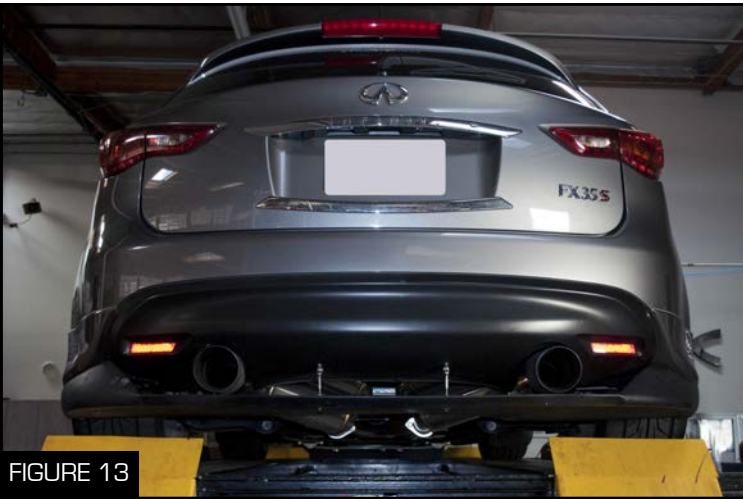


4. Spray both rubber insulators and metal hangers for the mufflers with a lubricant and slide the hanger into the insulator (Figure 11)

## Installation of ARK Performance GRiP exhaust system



5. Bolt the mufflers and the X-pipe with the supplied bolts, nuts, and gaskets using both 16 and 17 mm socket wrenches (Figure 12)



6. It is recommended to have someone help align the tips and mufflers while someone else tightens down all of the nuts and bolts to the proper torque specs (Figure 13)

## 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.

