



Installation Instructions

ARK Exhaust System

DT-S Cat-Back

(SM0301-0010D, 0020D)

for

BMW 135i (3.0L I6 Turbo N54B30/N55B30)



Contents

- Front Pipes— 2
- X-Pipe—1
- Rear Section Muffler—1
- Flange Gasket—full set
- Bolts & Nuts—full set

Tools Required

- Socket Wrench/Wrench:
 - 12 mm
 - 13 mm
 - 14 mm
 - 16 mm
 - 17 mm
 - 18 mm
- Socket Wrench Extension
- Vice Grip
- Torx T50 Bit
- Flat Head
- 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 for the 2008-2013 BMW 135i (3.0L I6 N54B30/N55B30). However, please be sure to specify the exact year when purchasing the exhaust system.

Removal of OEM exhaust system



1. Unbolt the front pipes from the OEM catalytic converter using a 12 mm socket wrench (Figure 1)



3. Unbolt the 4 bolts on the brace using a Torx T50 bit (Figure 3)



2. Using a 13 mm socket wrench and a pair of vice grips, remove both bolts/bushings and remove the brace (Figure 2)



4. Unbolt the two arms of the brace using an 18 mm socket wrench (Figure 4)

Removal of OEM exhaust system



FIGURE 5

5. Unbolt the resonator from the muffler pipe using a 14 mm socket wrench, the spring loaded bolts will be reused System (Figure 5)

6. Spray the rubber insulator and metal hanger with a lubricant and remove the muffler pipe from the insulator (Figure 5)



FIGURE 6

7. Remove the cold start muffler actuator with a flat head screw driver and move it out of the way (Figure 6)



FIGURE 7

8. Spray the rubber insulator and metal hanger on the drivers side of the muffler with a lubricant and remove the muffler from the insulator (Figure 7).



FIGURE 8

9. Spray the rubber insulator on the passenger side of the muffler with a lubricant and remove the muffler from the vehicle (Figure 8)

Removal of OEM exhaust system



FIGURE 9

10. This is how the back section will look after removing the muffler (Figure 9)



FIGURE 10

11. It is highly recommended to zip tie the cold start muffler actuator to the vehicle for safety (Figure 10)

Installation of ARK Performance DT-S exhaust system



FIGURE 11

1. Bolt the front pipes to the OEM catalytic converter using the OEM gasket and nuts, be sure that the longer pipe is on the passenger side (Figure 11)



FIGURE 13

3. Now put the cross brace back on and bolt it down using the Torx T50 bit (Figure 13).



FIGURE 12

2. Attach the X-Pipe to the front pipes with the supplied gaskets, nuts, and bolts using both 16 and 17 mm socket wrenches (Figure 12).



FIGURE 14

4. Bolt both arms on the brace using an 18 mm socket wrench (Figure 14)

Installation of ARK Performance DT-S exhaust system



5. Spray both rear rubber insulators and metal hangers for the muffer with a lubricant and slide the hangers into the insulators (Figures 15/16)

6. Spray the third rubber insulator and metal hanger for the muffer with a lubricant and slide the hanger into the insulator (Figure 17)

7. Bolt the muffer pipe to the X-pipe with the supplied donut gasket and the OEM spring loaded bolt using a 14 mm socket wrench (Figure 17).



8. Align the tip and muffer and tighten down all of the bolts and nuts to the proper torque specs (Figure 18)



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.

