



Installation Instructions

**ARK Exhaust System
DT-S Cat-Back
(SM0603-0101D, 0201D)
for
Honda CR-Z (1.5L I4 Hybrid LEA)**

www.arkperformanceusa.com

Congratulations on purchasing an ARK Performance premium exhaust system! Please read and understand the installation instructions before beginning work on the installation of your new ARK Performance exhaust system. If you do not fully understand the instructions, please give us a call at 909-947-1275 or email us at info@ARKPerformanceusa.com

We recommend that this exhaust system be **installed by someone qualified for this work or by a certified mechanic** with access to the appropriate hand or power tools. It is also recommended that a lift or hoist be used during the installation. By installing this ARK Performance exhaust system, you indicate that you have read the installation instructions and you agree with the terms and conditions stated.

It is your responsibility to **follow the installation instructions provided** for this ARK Performance exhaust system and exercise all necessary safety precautions. ARK Performance assumes no responsibility for damages occurring from improper installation, operation, maintenance, or from incompatibility with other manufacturer's products.

Important Information:

Exclusion of Certain Liability

1. The manufacturer, importer, and dealer of ARK Performance products hold no responsibility for any incidental damage such as personal injury or any other damages due to improper installation or operation of an ARK Performance exhaust system. When installing an ARK Performance exhaust system, make sure the exhaust system does not touch other parts of the vehicle that are sensitive to high temperature.
2. ARK Performance will not warranty any damages caused by improper installation, use, and maintenance of the ARK Performance exhaust system. The warranty is limited to defects that are recognized by our technical department, this excludes items subject to normal wear such as the flange gaskets. This warranty is void in the case of an accident, modification, improper use, or competition use.
3. Do not install any ARK Performance exhaust system on a vehicle model for which it was not intended for.
4. The exhaust system will be very hot during and immediately after operation of the vehicle, please be careful not to burn yourself on the exhaust system or parts which are in direct contact with it. Also please protect other people, especially children, from any injuries due to the hot exhaust system.
5. Technical specifications of ARK Performance exhaust systems and related products are subject to change without notice.
6. Before removing the original exhaust system from your vehicle, please compare the parts that you received with the list of materials provided in the installation instructions. If anything is missing, contact ARK Performance before beginning installation.
7. The instructions for installation should serve as a guideline only, actual installation of the exhaust system may not correspond with the pictures entirely.
8. The process of uninstalling the original exhaust system may vary depending on the existing exhaust system so please follow the original exhaust system manufacturer's instructions for removal.

Trademarks

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ARK Performance website

Information about ARK Performance exhaust systems and related products is available on the ARK Performance website at: <http://www.arkperformanceusa.com/>

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Contents

- Rear Section Muffler— 1
- Mid Pipe—1
- Resonator Pipe—1
- Flange Gasket—full set
- Bolts & Nuts—full set

Tools Required

- Socket Wrench/Wrench:
 - 10 mm
 - 12 mm
 - 14 mm
 - 16 mm (5/8 in)
- 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 2010+ Honda CR-Z (1.5L I4 Hybrid LEA). However, please be sure to specify the exact year when purchasing the exhaust system.

Removal of OEM exhaust system



FIGURE 1

1. Unbolt the muffler from the mid pipe using a 12 mm socket wrench with an extension (Figure 1)



FIGURE 2

2. Spray a lubricant on to the two metal hangers and rubber insulators on the muffler (Figure 2)

3. Slide the muffler out of the hangers and remove it from the vehicle (Figure 2)



FIGURE 3



FIGURE 4



FIGURE 5

4. Remove the plastic under tray by unbolting (2) 10 mm bolts and removing (7) plastic clips with a flat head (Figures 3-5)

Removal of OEM exhaust system



5. Remove the passenger side of the OEM brace. There are (4) bolts total, (2) require a 12 mm socket wrench and the other (2) require a 14 mm socket wrench. (Figures 6-9)



6. Unbolt the resonator pipe from the catalytic converter using a 14 mm socket wrench (Figure 10)

Removal of OEM exhaust system



7. Spray a lubricant on to the metal hanger and rubber insulator on the resonator pipe (Figure 11)



8. Spray a lubricant on the other metal hanger and rubber insulator on the resonator pipe towards the back of the vehicle, but be sure to remove the rubber insulator from the vehicle hanger not the exhaust hanger to make it easier (Figure 12 & 13)



9. Pull the pipe out of the vehicle and pull the rubber insulator off of the exhaust pipe to use with the new ARK Performance exhaust system (Figures 13)

Installation of ARK Performance DT-S exhaust system

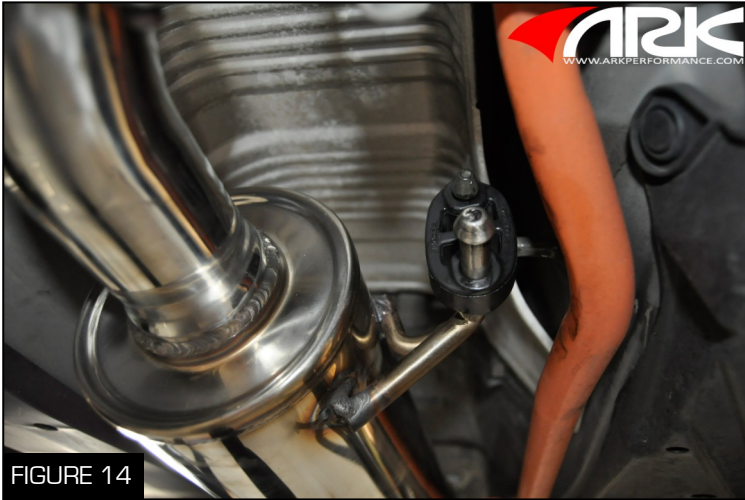


FIGURE 14

1. Spray the rubber insulator with a lubricant and then slide the metal hanger from the resonator pipe into the hanger (Figure 14)



FIGURE 15

2. Bolt the resonator pipe to the OEM catalytic converter with the OEM triangle flange gasket, nuts, and bolts using a 14 mm socket wrench (Figure 15)



FIGURE 16

3. Slide the mid pipe into place (Figure 16)



FIGURE 17

4. Spray the rubber insulator with lubricant and slide the hanger from the mid pipe into the insulator (Figures 17)

Installation of ARM Performance DT-S exhaust system



FIGURE 18

5. Spray the other rubber insulator with lubricant and slide the other hanger from the mid pipe into the insulator (Figures 18)



FIGURE 19

6. Bolt the mid pipe and resonator pipe together with the supplied flange gasket, nuts, and bolts using both 16 and 17 mm socket wrenches (Figure 19)



FIGURE 20

7. Bolt the OEM brace back on the same way it was removed with a 12 mm socket wrench and a 14 mm socket wrench. Then put the OEM plastic under tray back on using the same (7) plastic clips and the (2) 10 mm bolts. (Figure 20)



FIGURE 21

8. Spray the rubber insulators with a lubricant and slide the metal hangers from the muffler into them (Figure 21)

Installation of ARK Performance DT-S exhaust system



9. Bolt the muffler to the mid pipe with the supplied flange gaskets, nuts, and bolts using both 16 and 17 mm socket wrenches with an extension (Figure 22)

10. It is recommended to have a friend hold the muffler and tip in the correct position while you bolt down each nut and bolt to the proper torque specs.

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.

