



96-00 Civic K-Swap AC Line Install Guide

Below you will find instructions on how to install your AC Line kit for the 96-00 Civic Chassis. Part number HYB-ACK-01-10.

Written By: Hybrid Racing



INTRODUCTION

*AC Kit may not be legal for highway use. Hybrid Racing is not responsible for any direct or indirect, actual or incidental expense attributed to the use of any performance parts sold by Hybrid Racing LLC. Purchasers agree to all of the terms of this agreement upon the purchase of parts. More information can be found at www.hybrid-racing.com.



TOOLS:

- [Basic hand tools for installation of lines \(1\)](#)
- [Soldering iron \(1\)](#)
- [Solder and heat shrink for wiring \(1\)](#)



PARTS:

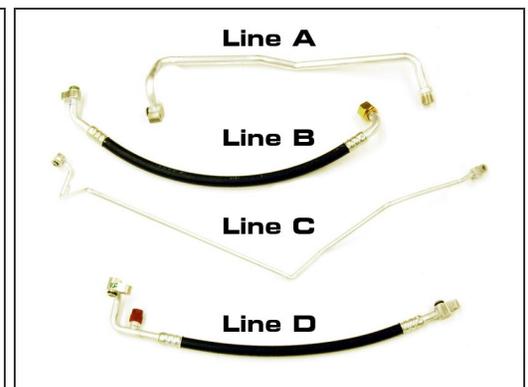
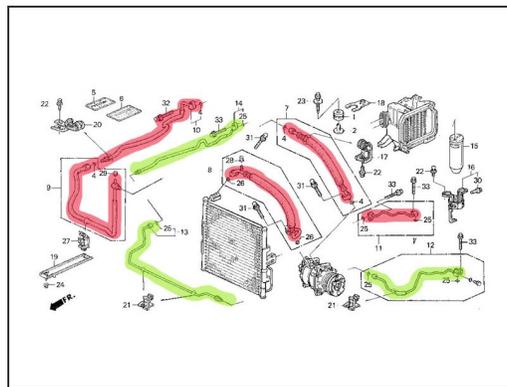
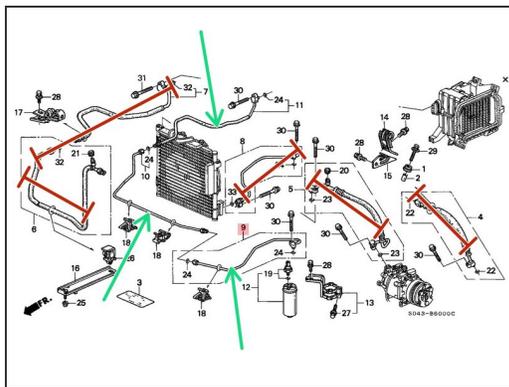
- [Hybrid Racing K-Swap AC Line Kit \(96-00 Civic\) \(1\)](#)
- [1996-2000 Honda Civic Condenser \(1\)](#)
- [3 of the OEM EK lines as outlined in the Image below \(1\)](#)

Step 1 — K-Swap AC Line Install Guide for 96-00 Honda Civic



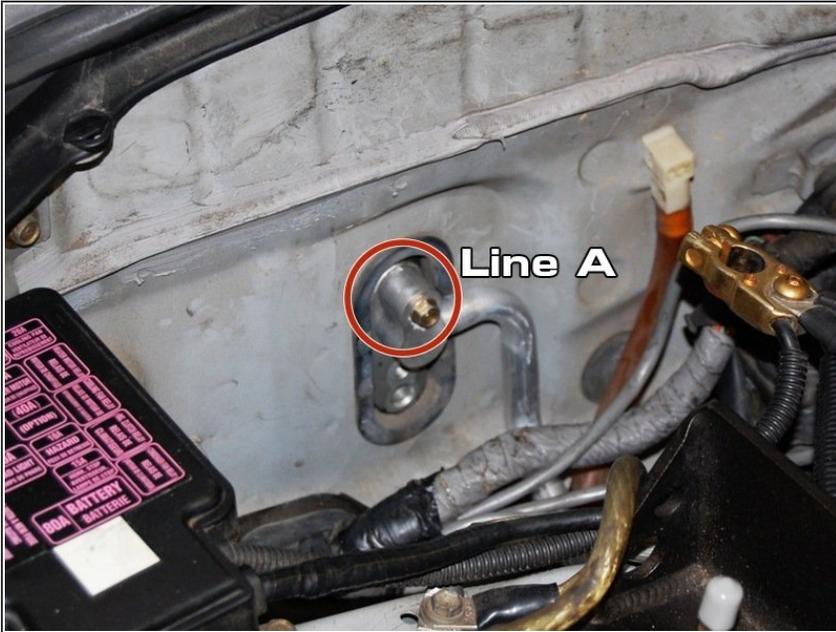
- Begin by removing all of the lines highlighted in RED as outlined by the image below .

Step 2



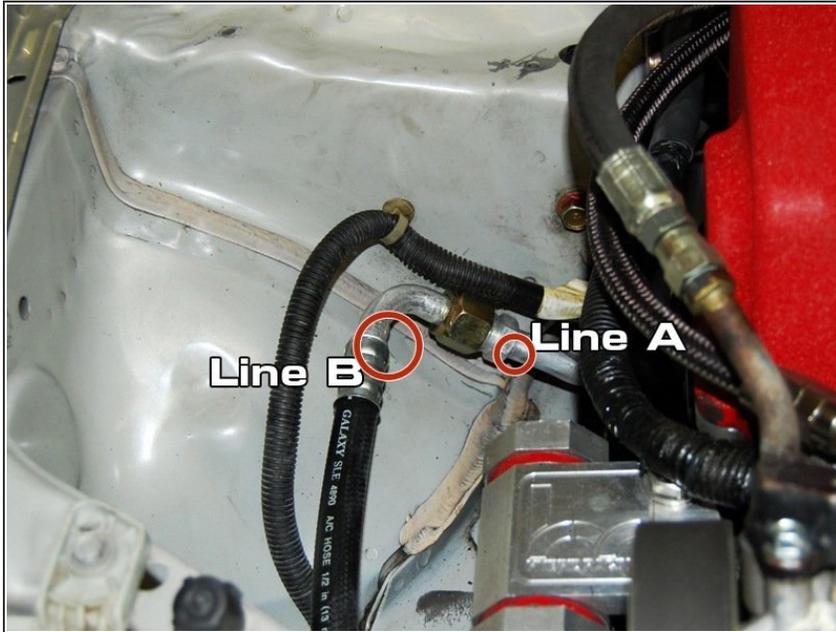
- The lines that are highlighted in Green stay in the car. Their part numbers are 80343-S01-A01, 80342-S01-A01, and 80341-S01-A01. If you do not have them you need to get them.

Step 3



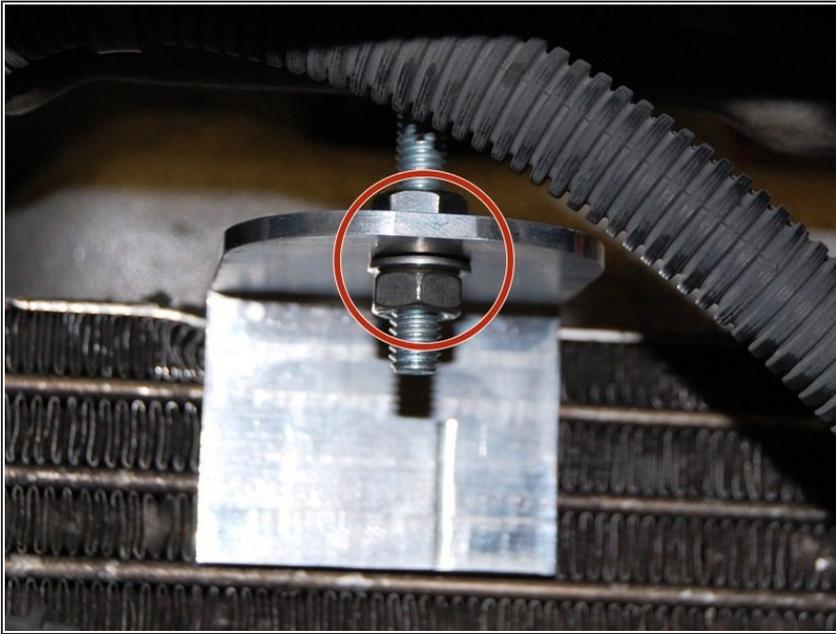
- Install line labeled A, starting at the firewall end. Make sure you have the correct O-ring size.

Step 4



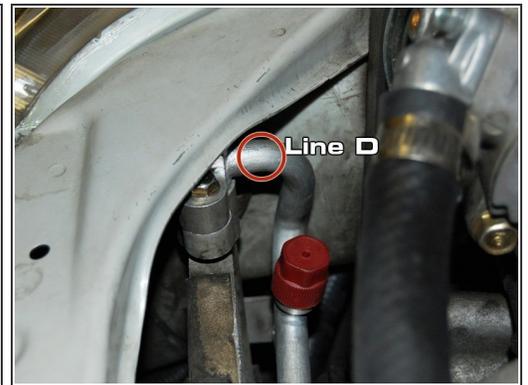
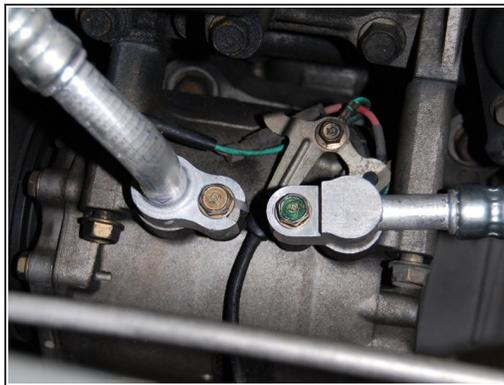
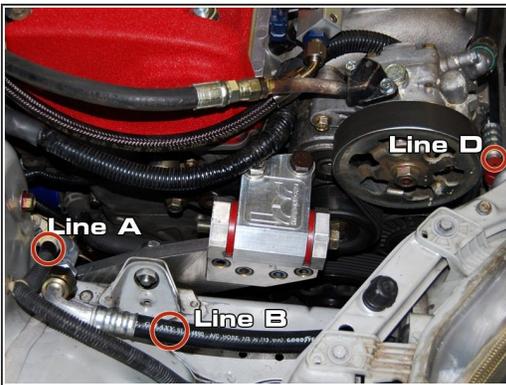
- Install the line labeled B. It connects to Line A. Make sure you have an O-ring on the end of line A. The other end will connect to the compressor.

Step 5



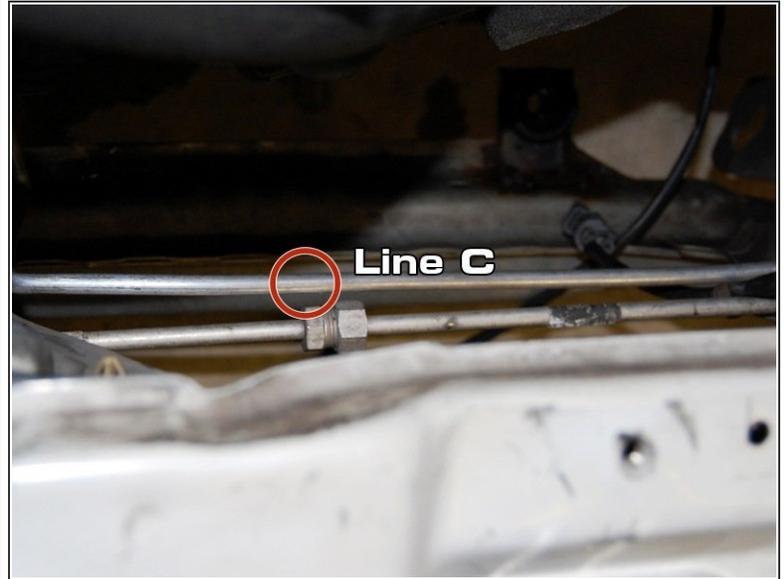
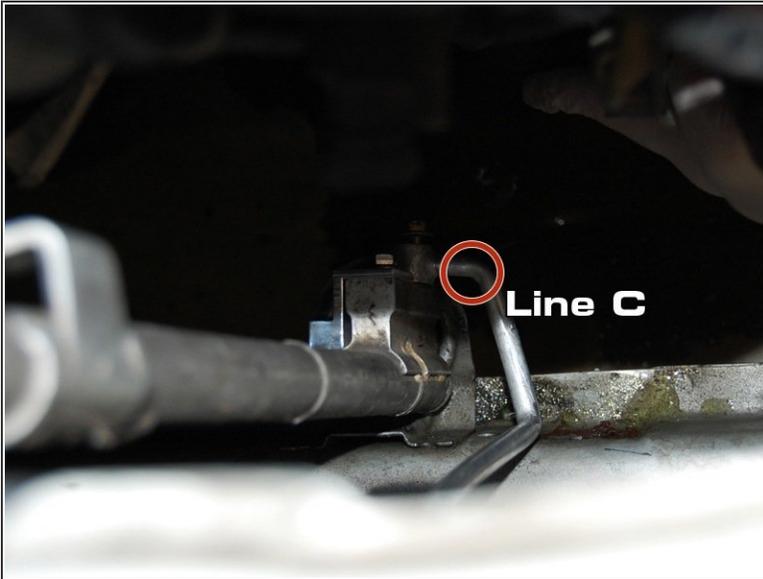
- You can now install the EK condenser. Using the supplied brackets and hardware, secure it to the top. If you remove the lower tabs, use the replacements supplied with this kit.

Step 6



- Once the condenser is mounted, install line D which goes from the top of the condenser to the compressor.

Step 7



- Now it's time for line C. This line comes from the bottom of the compressor to the evaporator. Bolt it to the bottom of the condenser. Make sure not to damage the O-ring, and run the line all the way to the evaporator and install with a 10 mm bolt. It runs alongside the OEM line.

Step 8



- Once all of the lines are installed, make sure that everything is secure and is not in a position to rub or come in contact with the drive belt. You are now ready to move to the wiring portion of the installation.

Step 9

<u>96-98 Civic chassis</u>	
Red wire PIN 85	12v in the run position
Blue wire PIN 87	Ground
Yellow wire PIN 30	C131 19 BLK/RED on the stock ECU
Green wire PIN 86	C131 7 BLU/RED on the stock ECU

<u>99-00 Civic chassis</u>	
Red wire PIN 85	12v in the run position
Blue wire PIN 87	Ground
Yellow wire PIN 30	ACC A17 BLK/RED on the stock ECU
Green wire PIN 86	ACS A27 BLU/RED on the stock ECU

- Take the relay that was included with your AC lines and connect the wires as follows:
- 96-98 Civic Chassis: Relay PIN 85 to 12v in the run position. Relay PIN 87 to Ground. Relay PIN 30 to connector C131 pin 19 a BLK/RED wire. Relay PIN 86 to connector C131 pin 7 a BLU/RED wire.
- 99-00 Civic chassis Red wire PIN 85 12v in the run position Blue wire PIN 87 Ground Yellow wire PIN 30 ACC A17 BLK/RED on the stock ECU Green wire PIN 86 ACS A27 BLU/RED on the stock ECU

Step 10



- Next, make sure that you connect the wire from your old AC compressor to your new AC compressor. This should be a connector with one pin located on your driver side. You will need to extend it to your new compressor. It is also recommended that you take the connector from your stock AC compressor so that everything mates up nicely.

Step 11



- Once the AC lines are installed and the wiring is complete, you must take the car to a certified AC technician to have the AC system charged. Make sure to have the technician pressure check and test the system before you leave in case an “O” ring has been damaged during installation.

You have successfully completed your AC Line Install! If you have any questions or comments please email Info@hybrid-racing.com