



# **REACH**

***CAC TEST KIT USER GUIDE***

# **CAC TEST KIT**

## **USER GUIDE**

Changing a CAC test kit, is a task that requires some mechanical know-how and the right tools. Here are step-by-step instructions to guide you through the process:

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## REACH CAC TEST KIT COMPONENTS



### **BLEED-OFF COUPLER PRESSURE RELEASING PIECE**

Coupler design allows for fitment to most HD CAC systems without issue.



### **GAUGE COUPLER**

Connection between air source and CAC.



### **GAUGE**

Connects air source to gauge coupler  
Provides clear digital readout of system pressure. Includes a pressure release valve to control the amount of pressure in the system.

Items enlarged to show maximum detail, not actual sizes.

## **STEP 1:** **DISCLAIMER**

To begin you must disconnect the charge pipe from the charge air cooler. Making sure to keep the hose coupler secured on to the charge air cooler. This process is to be repeated on the cold side of the CAC otherwise known as the outlet side.

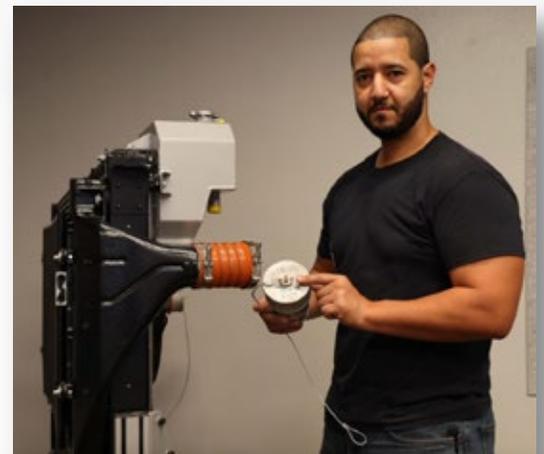
\*Ideal to allow vehicle to properly cool down before removing turbo piping as temperatures will be high and cause injury.



## **STEP 2:** **BLEED-OFF COUPLER**

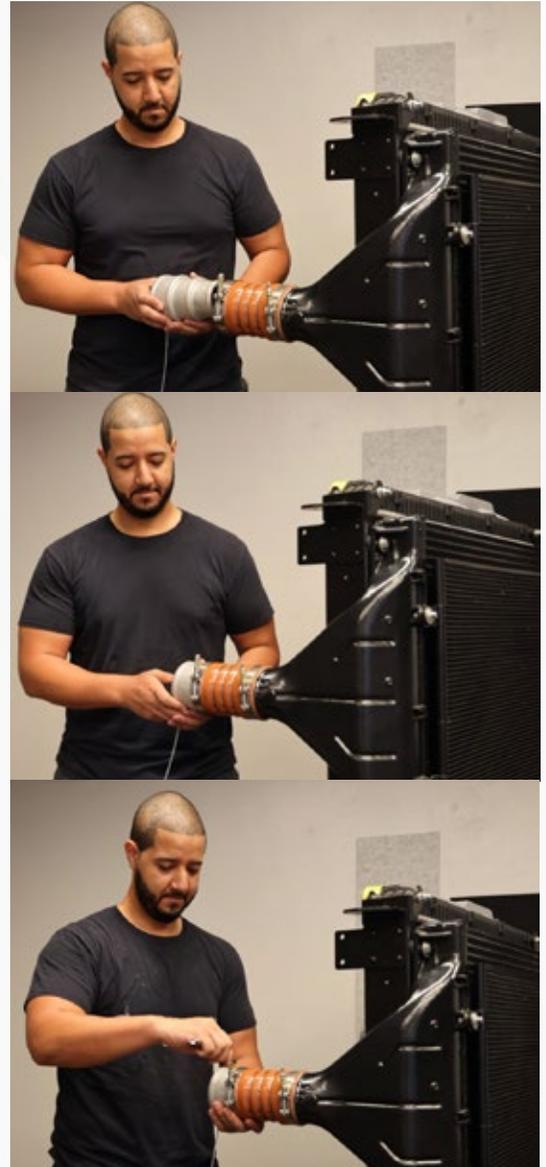
1. Once the CAC connections have been removed, you will begin by attaching the bleed-off coupler on to the outlet side of the CAC. The backing plate is easily identifiable by the adjustable wing nut in the center which will relieve system pressure.
2. Once the bleed-off coupler has been identified you will begin to insert into the hose connector. The coupler has been presented into the hose connector you must push the plate until the connector is snug around the furthest point possible.

\*The components of the test kit will fit most hose connectors which is the reason for the three tiered cone design.



## **STEP 3:** **GAUGE COUPLER**

1. Next you will take the gauge coupler and install on the inlet side of the CAC. This coupler is identifiable by the port in the center that connects to the gauge which secures to an air hose.
2. Just like with the bleed-off coupler you will insert the gauge coupler all the way until the hose connector fits nice and secure and can be tightened to seal the system.



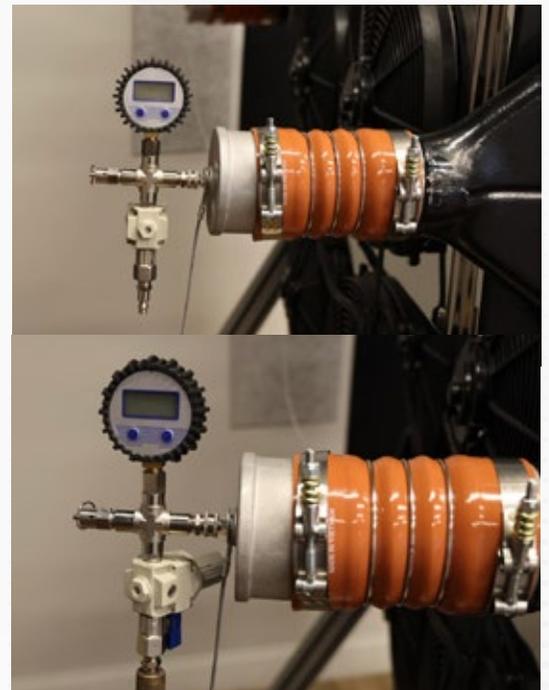
## STEP 4: PRESSURE GAUGE

1. Final piece to add is the pressure gauge. The quick connect section is to be attached to the gauge coupler as shown in the picture below.
2. To attach you must first push the quick connect lock back on it's collar. Then insert coupler piece into connection and release quick connect lock in place. You should hear it lock into place. In order to insure proper connection very gently tug on the gauge component, there should be no give.



1. Once the pressure gauge is secured you can attach an air hose to begin the test.

\*No batteries were used in the gauge during this installation.  
Gauge uses 2 AAA batteries



## **CONGRATULATIONS!**

***YOU HAVE SUCCESSFULLY CHANGED  
THE CAC TEST KIT ON YOUR CHARGE AIR COOLER.***



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