

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
All	2008-2017	2.0L CCTA, CBFA	All	All	All

Condition

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Installation Instructions for Fresh Air Line During CCTA-CBFA Intake Manifold Replacement

Technical Background

Replacement intake manifolds for CCTA/CBFA engines have an improved intake manifold flap valve -**N316**-. The new -**N316**- valve has 3 hose ports rather than 2 (See Figure 1), requiring a fresh air line be installed during intake manifold replacement. This fresh air line will prevent dirt and debris from contaminating the -**N316**- solenoid.

Production Solution

Information only.

Service

When replacing the intake manifold on a CCTA/CBFA engine, install the fresh air line to the -**N316**- valve as outlined below.

• Connect the fresh air line to the port below the electrical connector end of the solenoid (rear facing port) (See Figure 1.).

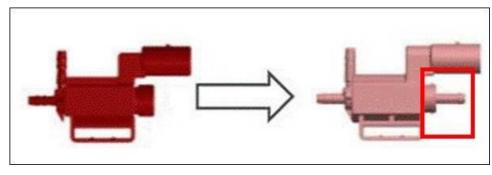


Figure 1.

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• After attaching the fresh air line to the port, route the fresh air line up and over the intake manifold runners for cylinders 3 and 4 and secure the line with the attached retaining clips. (See Figure 2 and Figure 3.)



Figure 2.

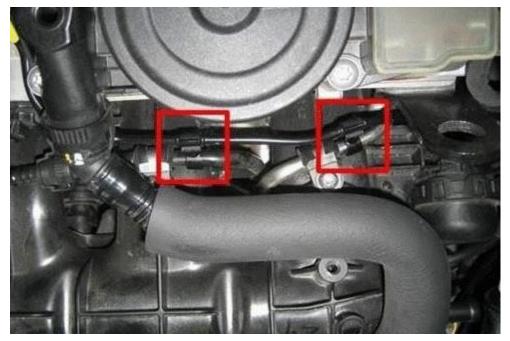


Figure 3.

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• Using the flat-head Torx screw, secure the fresh air line to the valve cover in the location provided between ignition coils 2 and 3 (See Figure 4.)



Figure 4.

Warranty

Information only.

Required Parts and Tools

Part No:	Part Description	Quantity	
06H 133 583 F	Fresh air line	1	
N 107 732 01	Flat-headed Screw with Torx (thread cutting)	1	

No special tools required.

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