

Air Cleaner Outlet Pipe

Special Tool(s) / General Equipment

Side Cutter Pliers
Hose Clamp Remover/Installer

Materials

Name	Specification
Motorcraft® Silicone Brake Caliper Grease and Dielectric Compound XG-3-A	ESE-M1C171-A

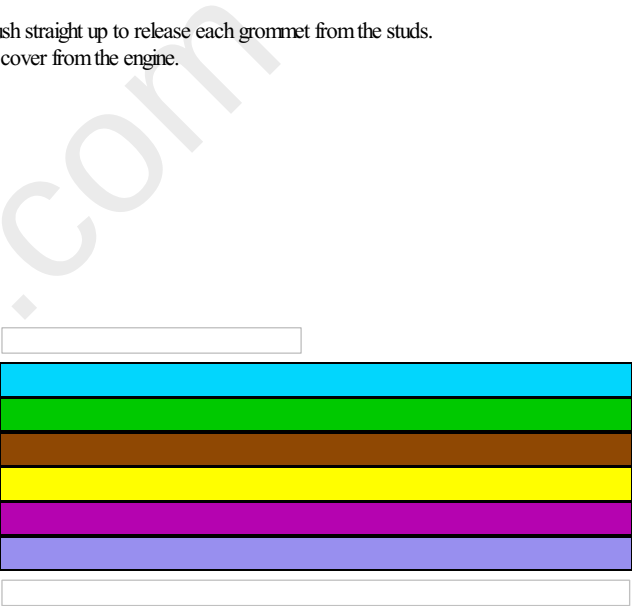
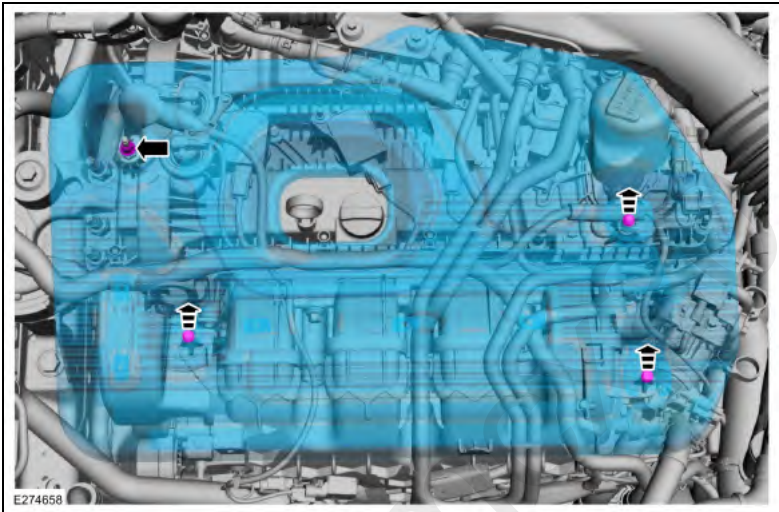
Removal

NOTICE: The turbocharger compressor vanes can be damaged by even the smallest particles. When removing any turbocharger or engine air intake system component, ensure that no debris enters the system. Failure to do so may result in damage to the turbocharger.

1. **NOTICE:** Do not pull the engine appearance cover forward or sideways to remove. Failure to press straight upward on the underside of the cover at the attachment points may result in damage to the cover or engine components.
1. Remove the engine appearance cover nut.

2. Place your hand under the engine appearance cover at each grommet location and push straight up to release each grommet from the studs.

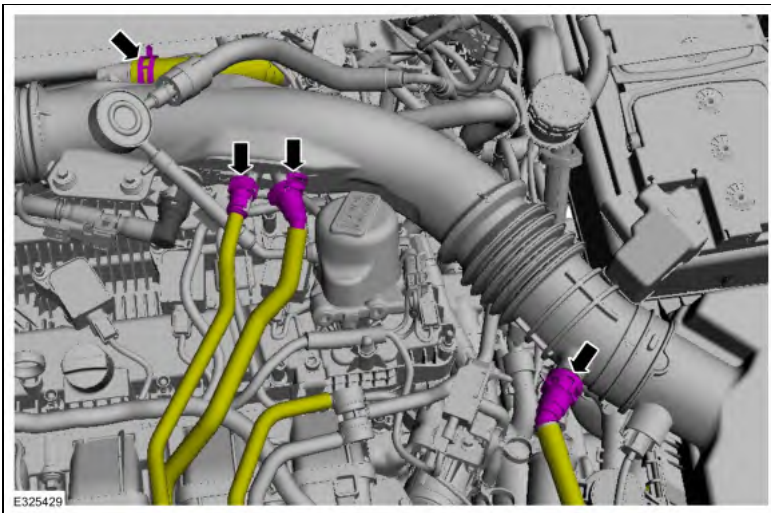
3. After all of the grommets have been released from the studs, remove the appearance cover from the engine.



2.
- Disconnect quick release couplings and position aside the fuel vapor hoses.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 2.0L EcoBoost (184kW/250PS) â€” MI4) .

• Disconnect quick release coupling and position aside the vacuum line.
Refer to: Quick Release Coupling (310-00 Fuel System - General Information - 2.0L EcoBoost (184kW/250PS) â€” MI4) .

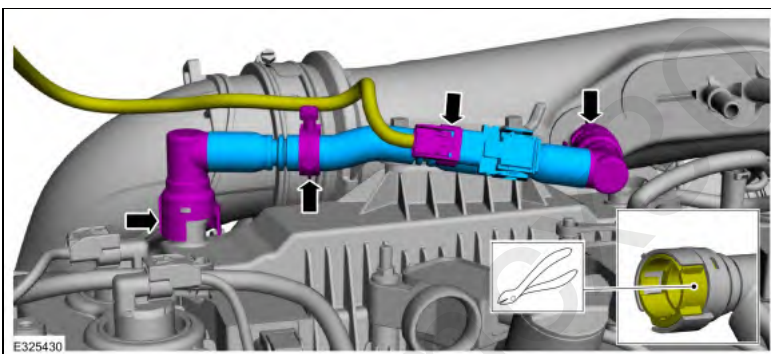
• Loosen the clamp and position aside the air bypass hose.
Use the General Equipment: Hose Clamp Remover/Installer



3. **NOTE:** The crankcase vent tube may have either a permanent or quick connect connector at one or both ends. If the tube needs to be removed for any reason, the permanent connector(s) must be cut to remove the tube. The tube will then need to be replaced.

NOTE: If the crankcase vent tube is replaced, the replacement part may not come with a crankcase pressure sensor. If so, the PCM will need to be reprogrammed.

- If equipped, disconnect the wiring harness electrical connector and the retainer.
- If necessary, cut the lock tab.
Use the General Equipment: Side Cutter Pliers
- If either crankcase vent tube connector was cut, remove and discard the crankcase vent tube.



- 4.
1. Remove the fasteners.
 2. Loosen the clamps and remove the air cleaner outlet pipe.