

***advanced FLOW engineering***

Cold Air Intake System

**Instruction Manual** P/N: 52-10016D / 52-10016R

|                     |                |                 |                    |
|---------------------|----------------|-----------------|--------------------|
| Make: MERCEDES-BENZ | Model: CLA 250 | Year: 2014-2019 | Engine: L4-2.0L(t) |
| Make: MERCEDES-BENZ | Model: GLA 250 | Year: 2014-2020 | Engine: L4-2.0L(t) |
| Make: MERCEDES-BENZ | Model: A250    | Year: 2012-2018 | Engine: L4-2.0L(t) |
| Make: MERCEDES-BENZ | Model: B250    | Year: 2012-2018 | Engine: L4-2.0L(t) |
| Make: INFINITI      | Model: QX30    | Year: 2017-2019 | Engine: L4-2.0L(t) |
| Make: INFINITI      | Model: Q30     | Year: 2015-2019 | Engine: L4-2.0L(t) |



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- For technical support please call at 951-493-7185.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Retain factory parts for future use.

| Label | Qty. | Description                             | Part Number  |
|-------|------|---|--------------|
| A     | 1    | Air Filter (Pro DRY S) for 52-10016D    | 21-91117     |
| A     | 1    | Air Filter (Pro 5R) for 52-10016R       | 24-91117     |
| B     | 1    | Tube                                    | 05-5210016B1 |
| C     | 1    | Housing                                 | 05-5210016B2 |
| D     | 1    | Seal, Trim: 7/16" bulb (22" Length)     | 05-00072     |
| E     | 4    | Screw, Phillips Rounded Head: #8 x 5/8" | 03-50392     |

**Installation will require the following tools:**

7mm and 8mm Nut Drivers /Sockets and Ratchet, Phillips Screwdriver, T25 Driver

Warranty information available at <https://afepower.com/contact#warranty>.

**Emissions Disclaimer:**

This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.

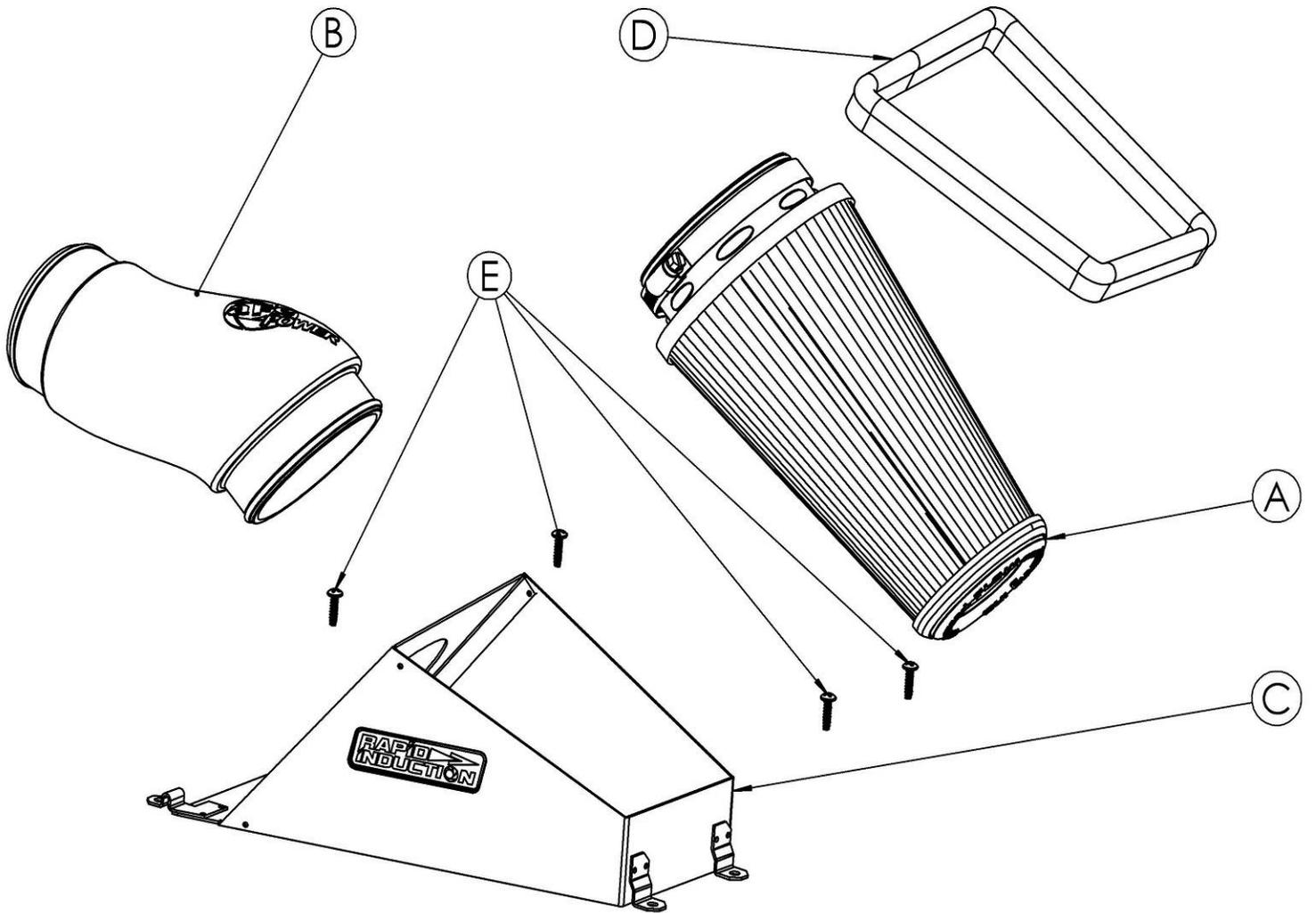




Figure A

**Refer to Figure A for Step 1**

Step 1: Remove the engine cover by pulling it upward.

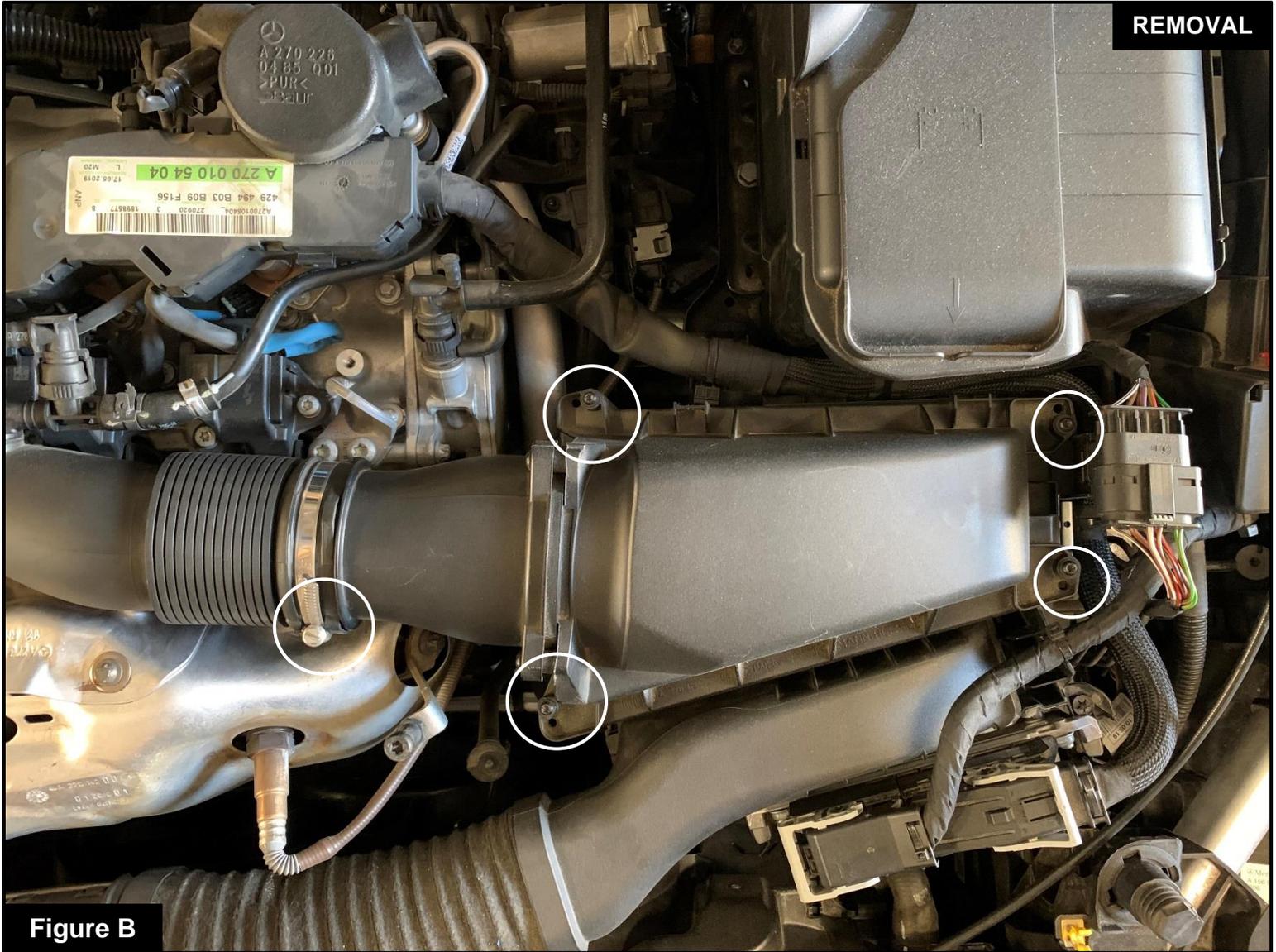


Figure B

**Refer to Figure B for Steps 2-3**

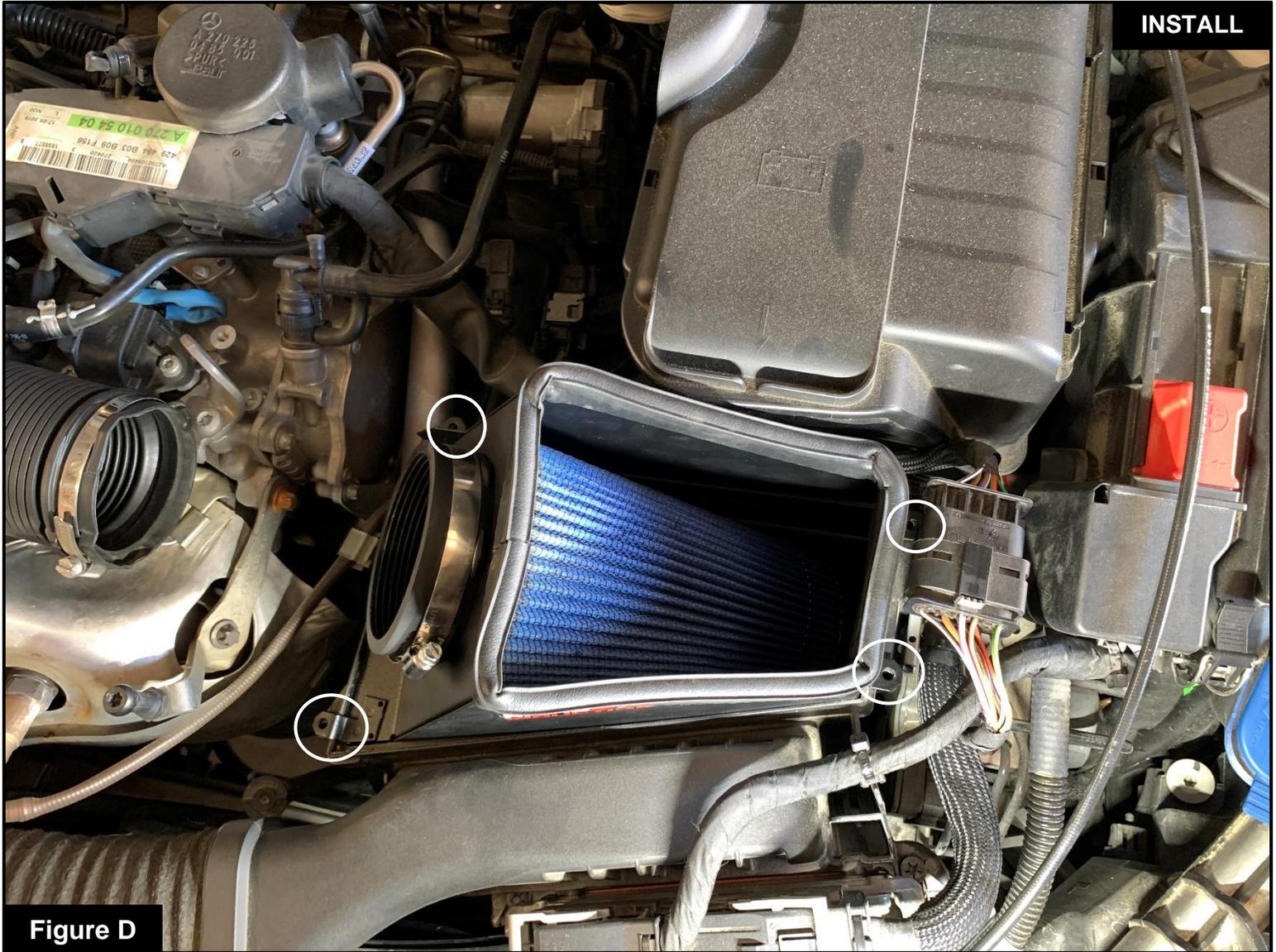
Step 2: Loosen the clamp securing the intake tube to the turbo inlet.

Step 3: Remove the 4 screws securing the top of the air box using a T25 driver, and then remove the top of the air box from the vehicle.

**Figure C****Refer to Figure C for Steps 4-5**

Step 4: Install the supplied seal trim around the top edge of the Rapid Induction housing.

Step 5: Install the filter from the inside of the housing and place the clamp on the filter flange, do not tighten the clamp. Make sure the filter retention bumps hold it in place.



### **Refer to Figure D for Step 6**

Step 6: Install the Rapid Induction housing onto the bottom half of the factory air box and secure it with the 4 provided Phillips head screws.



Figure E

**Refer to Figure E for Steps 7-8**

Step 7: Install the aFe POWER tube, by sliding it into the turbo inlet side first, then into the air filter.

Step 8: Tighten both of the clamps.



### Refer to Figure F for Step 9

Step 9: Reinstall the engine cover. Your installation is complete. Thank You for choosing aFe POWER!

**NOTE: Check all bolts, clamps, and connectors after 100-200 miles.**



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