

Please read the instructions carefully before installing the product.



Ford Bronco 2.3L MAXBoost Installation Manual

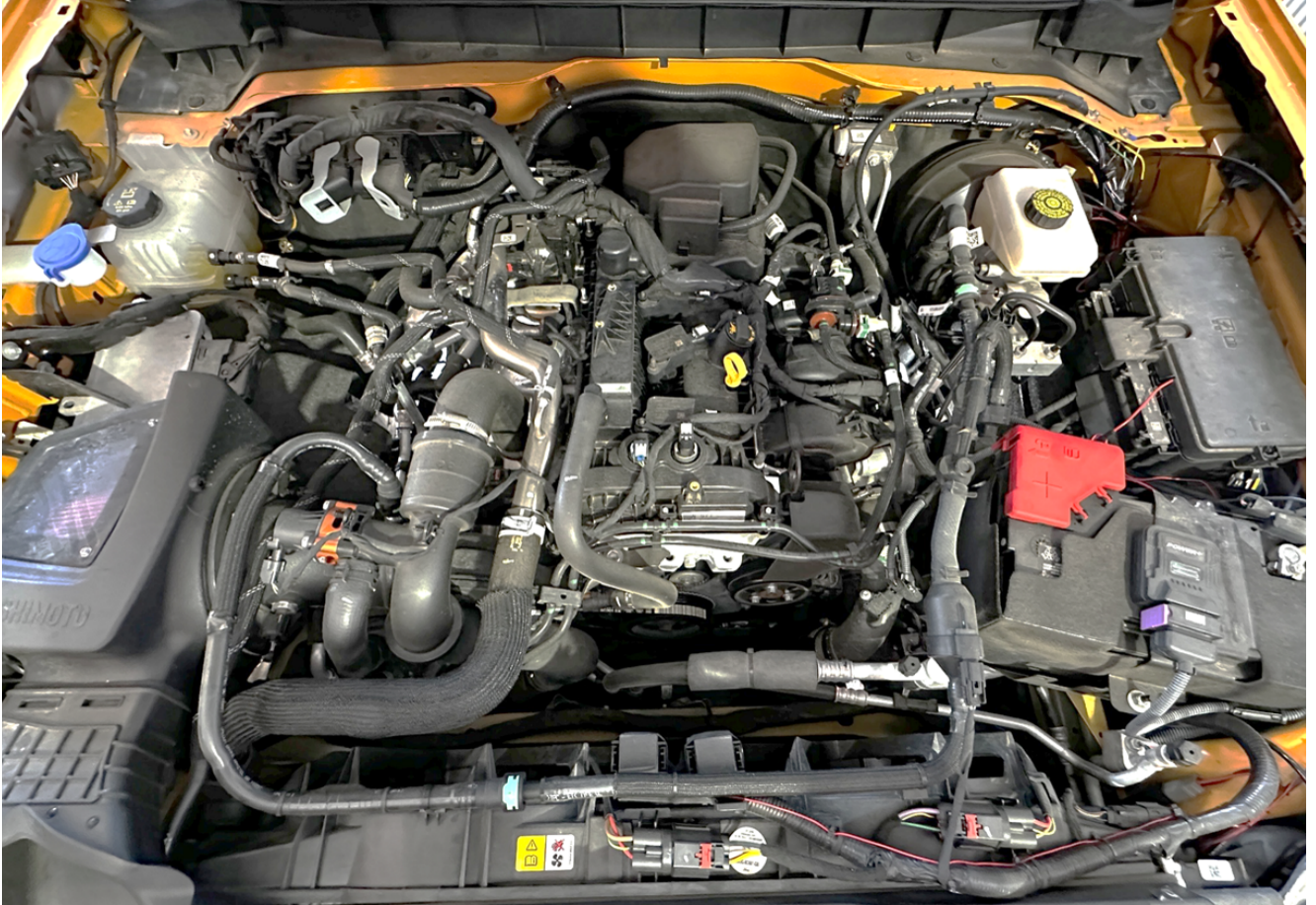
General Installation Instructions

1. **Warranty Protection and Long-Term Satisfaction:** Follow these instructions carefully to prevent premature warranty loss and ensure long-term satisfaction with your performance-enhancing product.
2. **Safety Measures Before Installation:** Ensure the ignition is turned off before starting the installation. Remove the ignition key and keep it out of the vehicle's reach. Allow the engine to fully cool down to avoid burns from hot components.
3. **Waiting Time After Turning Off the Ignition:** Wait at least 5 minutes after turning off the ignition to ensure all electrical systems in the vehicle are completely shut down. For vehicles with Keyless-Go or Keyless Entry systems, ensure the key is kept out of the vehicle's range to fully deactivate the engine management system.
4. **Optimal Placement of Module and Cable Adapter:** Install the module in a dry location within the engine compartment.

Avoid placing the module near hot engine parts or moving components, as high temperatures can damage electronics and plastic parts.
5. **Secure Cable Routing:** Route the wiring harness to prevent rubbing against sharp or moving parts. Avoid modifications such as extending or shortening the harness, as this can impair functionality and void the warranty. Do not route the cable near spark plugs or fuel injectors to avoid interference.
6. **Caution During Engine Cleaning:** Avoid directing the water jet directly at the installed system. Maintain a safe distance to prevent water damage.

Installation of the MAXBoost Cable Adapter and Module

First, remove the motor cover, if present.



Make sure you select the correct sensors for connection. Follow the instructions in this manual exactly. The wiring harness can be laid and the module positioned flexibly as long as you observe the following points:

Remove the Engine Cover

- Detach the engine cover to access the installation area.

Sensor Connections

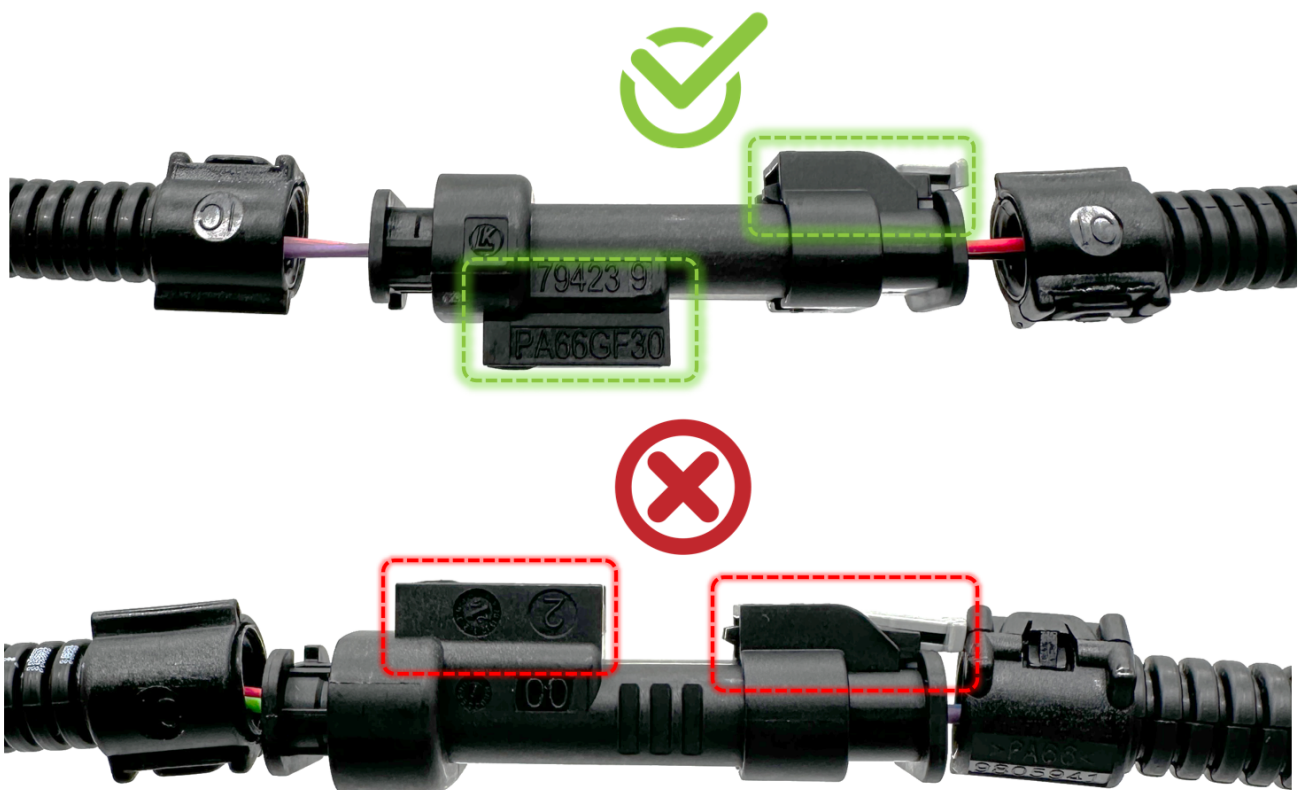
- Ensure the correct sensors are connected. Follow the instructions precisely.
- Avoid routing the wiring harness parallel to ignition or injector lines, hot exhaust parts, or moving components like the belt drive or fan.
- Secure the wiring harness and MAXBoost module using the supplied cable ties to prevent movement or chafing.

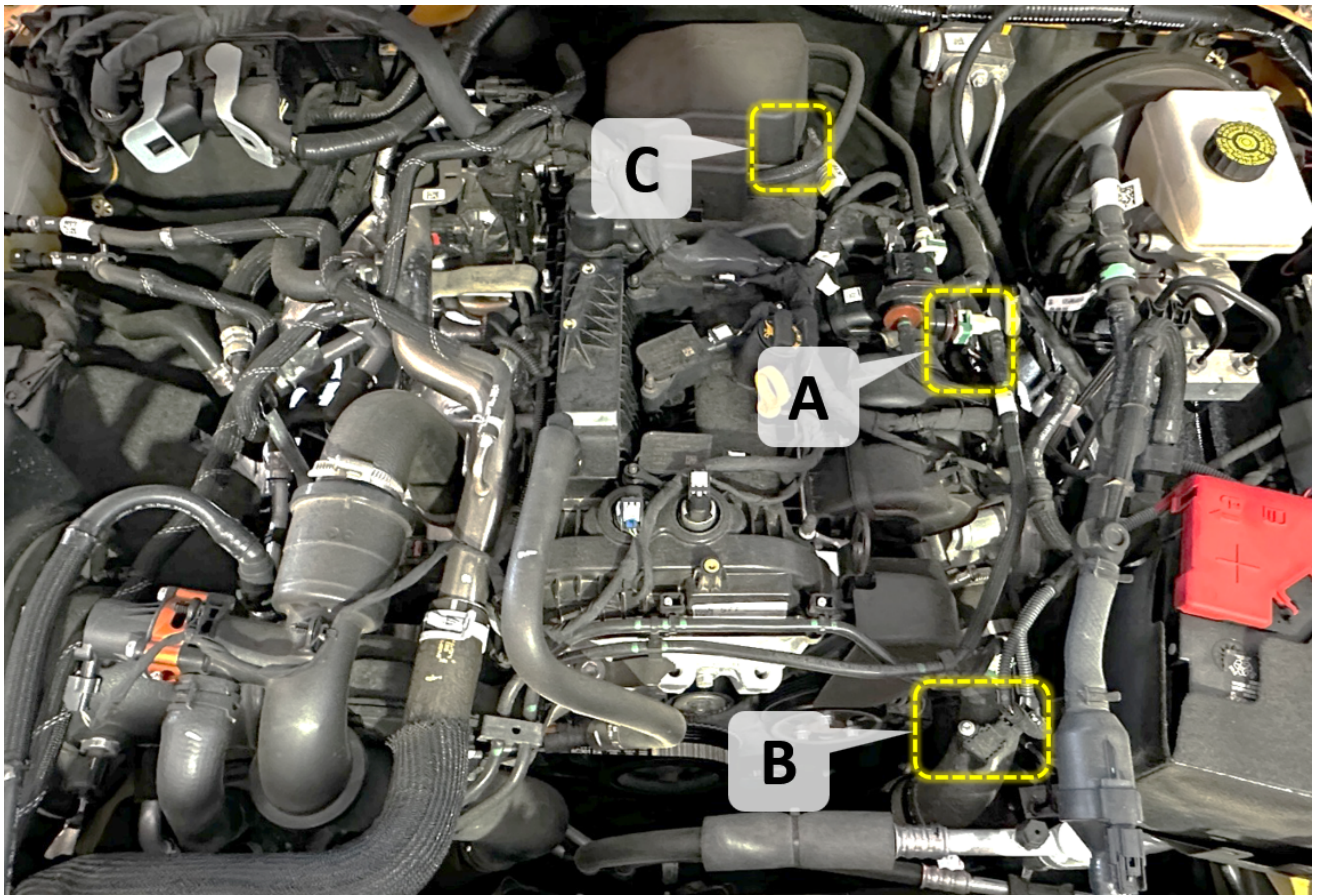
Important Note: Check Connector Orientation Carefully

Always double-check the orientation of the 3-pin and 4-pin connectors before plugging them in. Improper alignment may cause malfunctions or even permanent damage to the components.

Make sure each connector is correctly aligned and securely attached before proceeding.

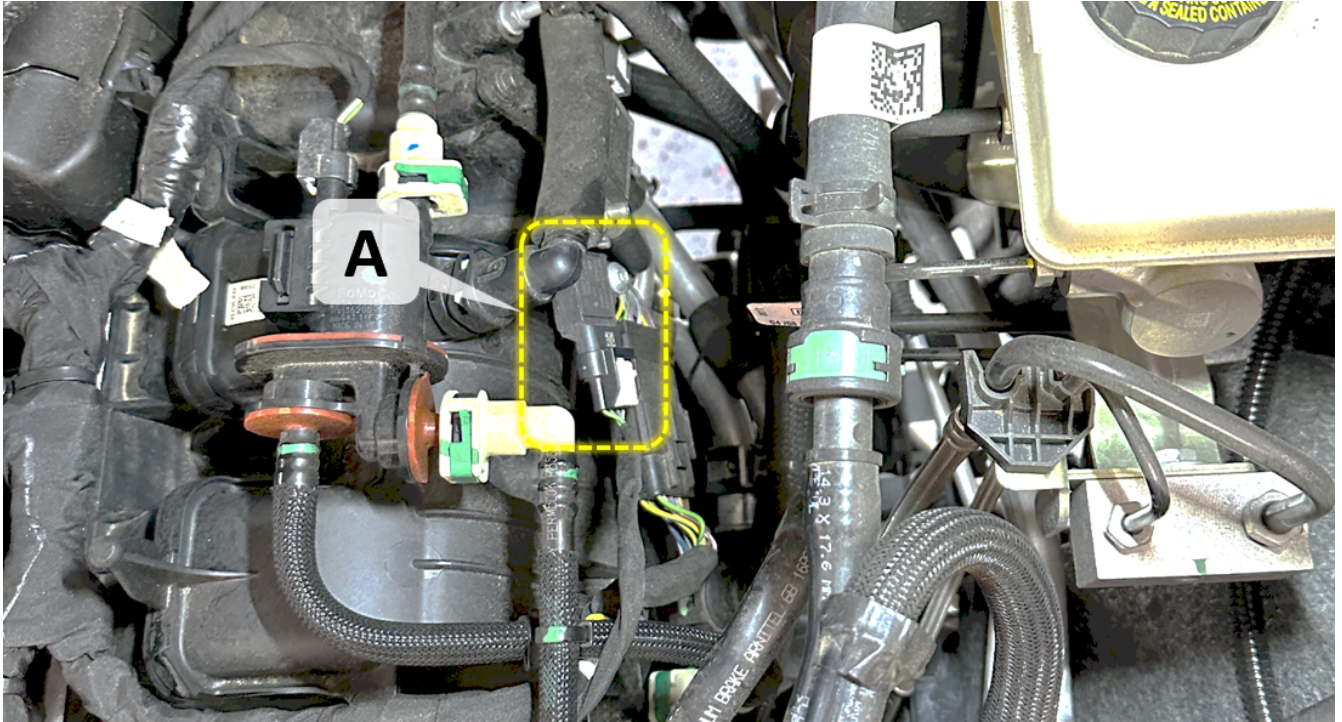
This step is critical for preventing errors, avoiding damage, and ensuring the system operates reliably.





The pressure sensors A and B are easily accessible on this engine type. The camshaft sensor C is located beneath the inner side of the plastic cover above the engine block. Refer to the following description and illustrations for guidance. All connectors are of the same type and include an additional fuse.

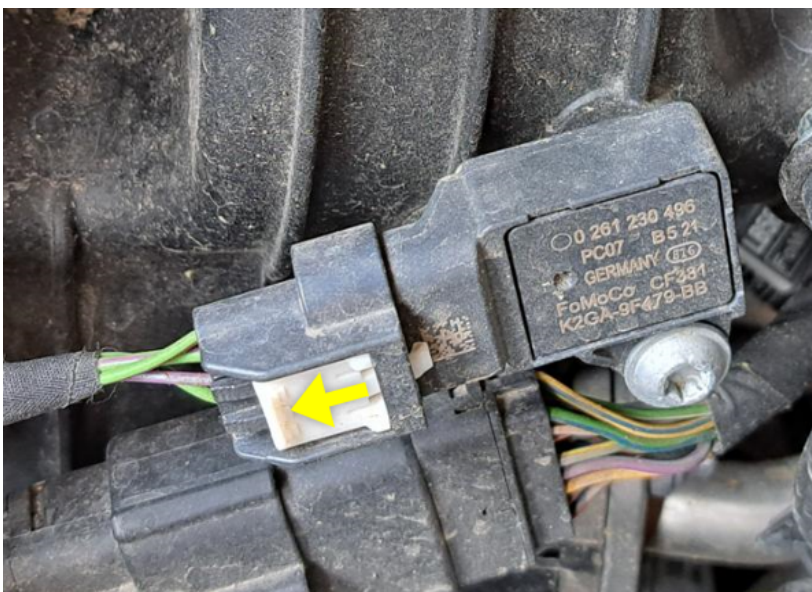
Connection Channel A – Intake Manifold Pressure Sensor



Connecting Plug A

1. Open the plug connection:

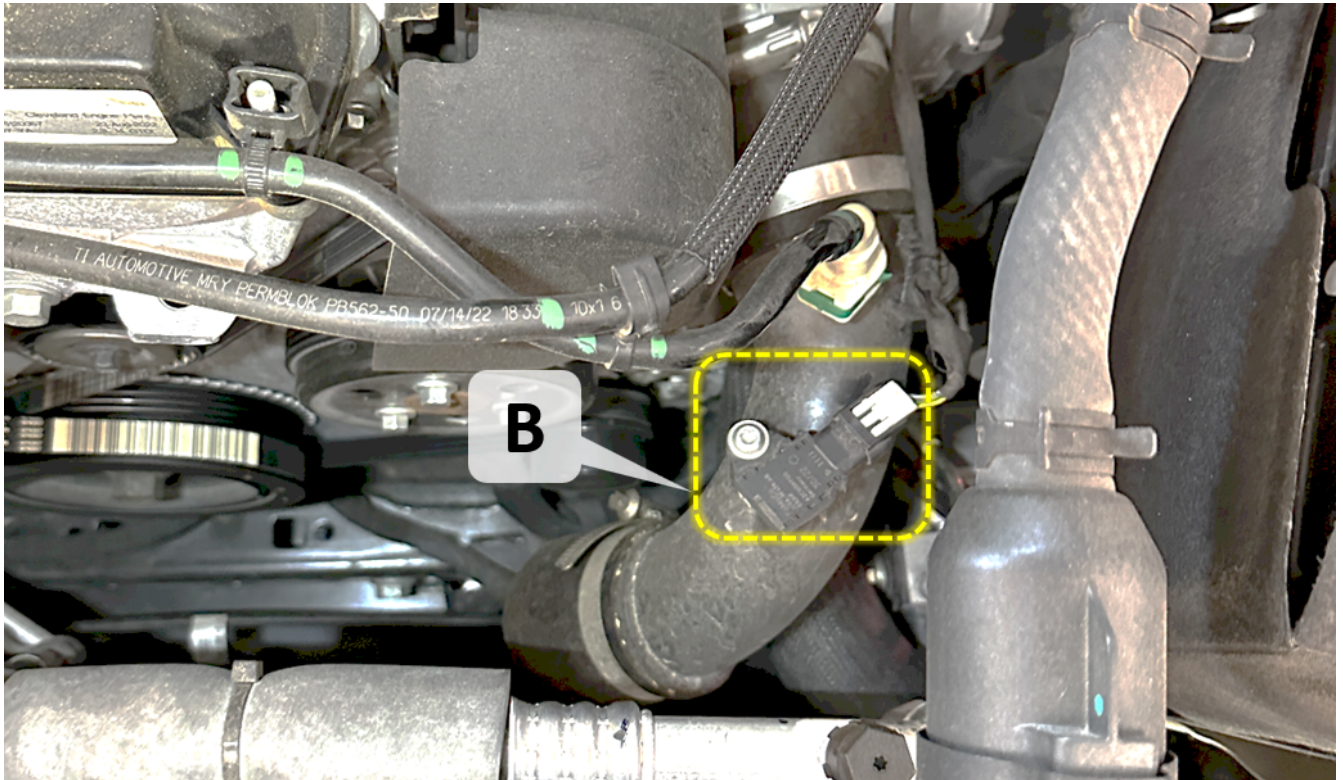
To disconnect the pressure sensor (A), unlock the connector by sliding the locking tab in the direction of the arrow. Once unlocked, press down on the connector lock to release the plug.



2. Connect Channel A:

Attach Channel A of the supplied cable between the sensor and the vehicle's original connector. Make sure the connection is properly aligned and securely locked in place.

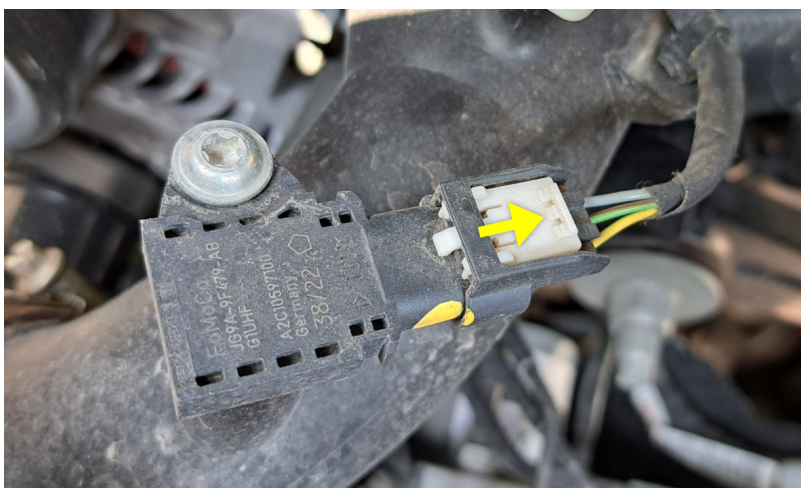
Connection Channel B – Boost Pressure Sensor



Connecting Plug B

1. Open the plug connection:

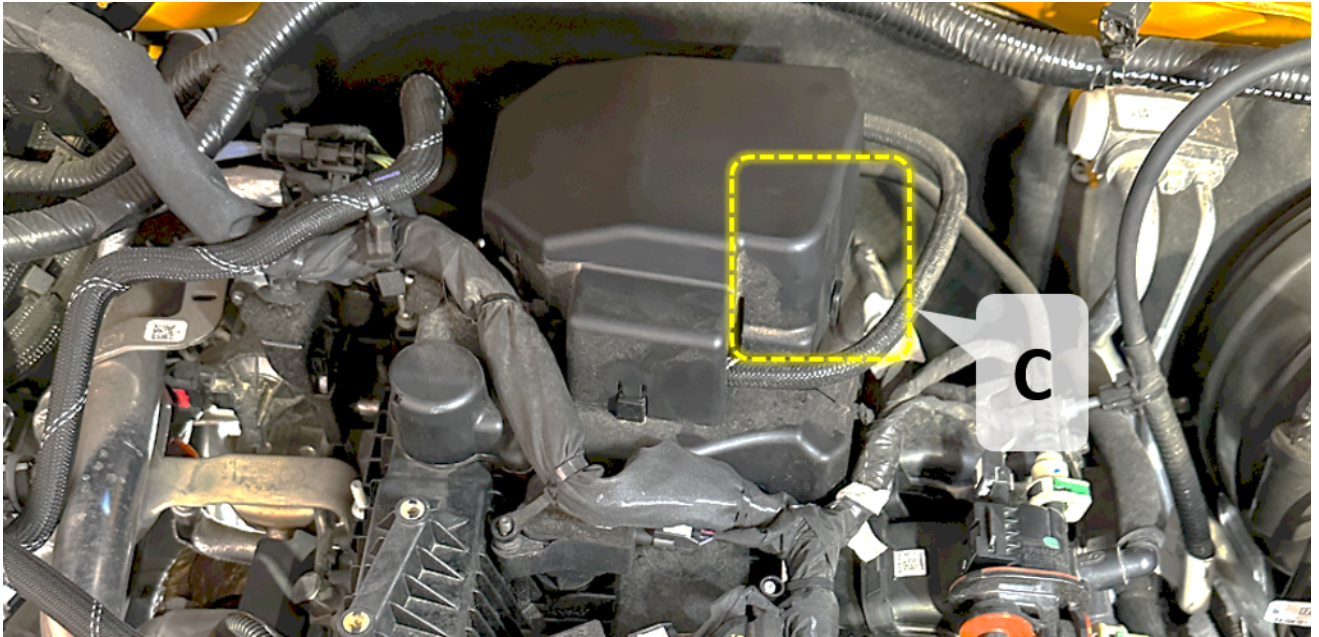
To disconnect the pressure sensor (B), unlock the connector by sliding the locking tab in the direction of the arrow. Once unlocked, press down on the connector lock to release the plug.



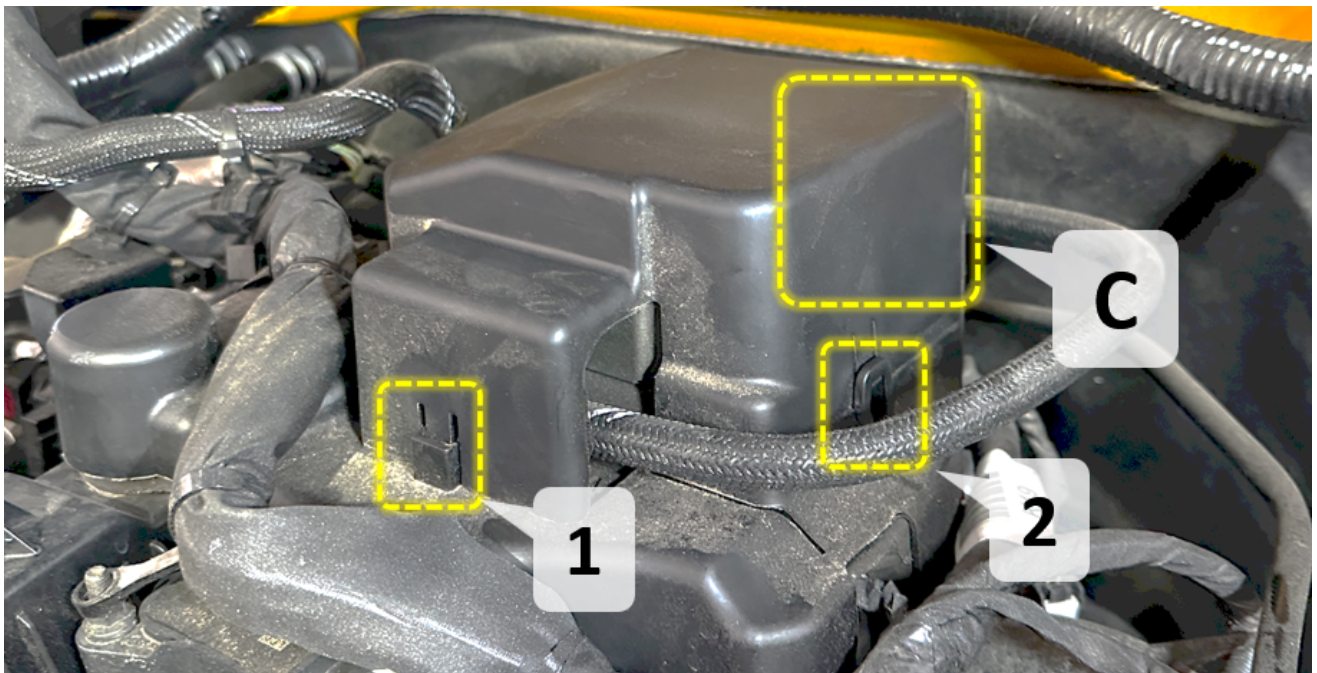
2. Connect channel B:

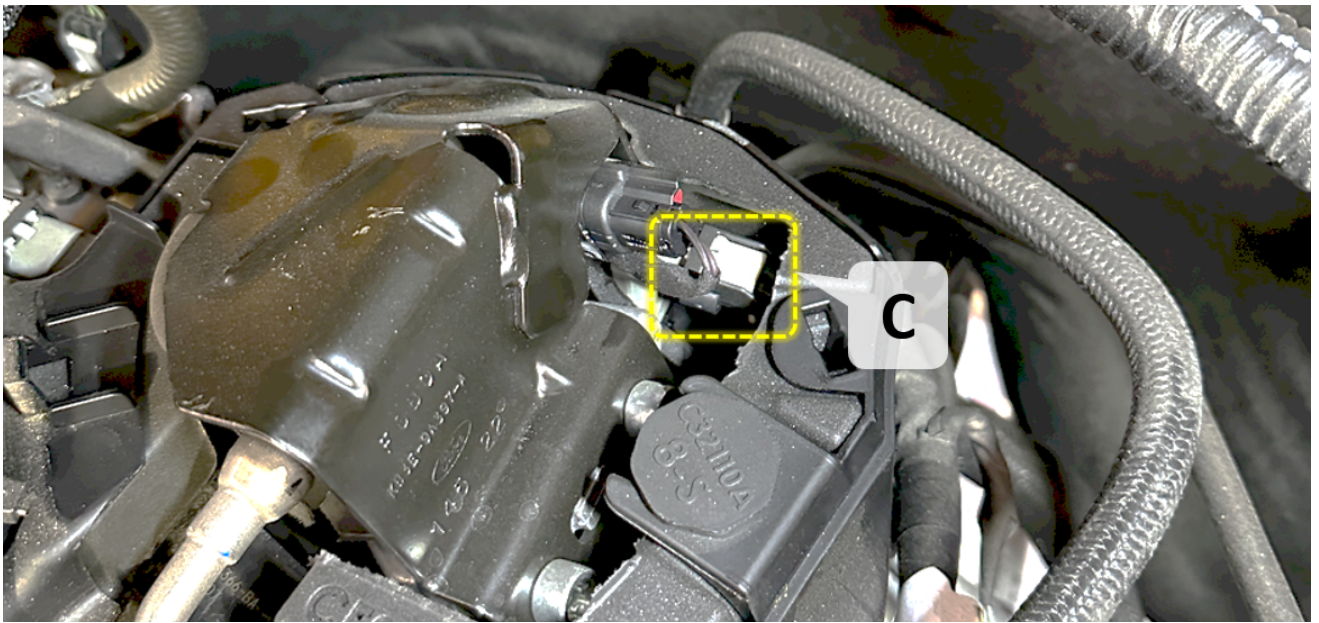
Attach Channel B of the supplied cable between the sensor and the vehicle's original connector. Ensure the connection is properly aligned and securely locked in place.

Connection Channel C – Camshaft Sensor



The camshaft sensor C is located under the insulation/plastic cover, as shown in the picture. The cover can be opened by opening the latching connection (images 1 and 2).





Connecting the plug connection C

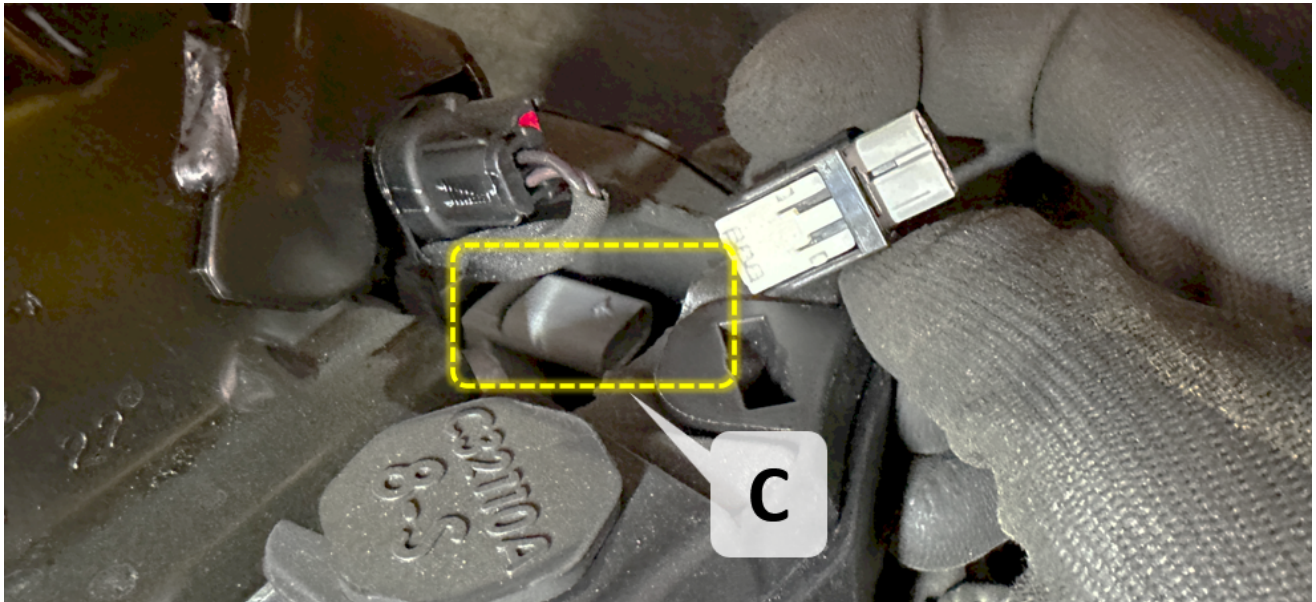
1. Open the locking mechanism:

To open the plug connection on the Camshaft sensor (C), the locking must be unlocked in the direction of the arrow. The connector lock can then be pressed down so that the plug connection can be released.



2. Install connection channel C:

Connect the connection channel C of the supplied cable between the sensor and the connector of the vehicle. Ensure that the connection is correctly aligned and engages securely.



Completing the Installation

1. Connect the Battery

After reinstalling the battery holder and securing the engine control unit connectors, connect the battery as the final step.

Follow the correct sequence: Connect the positive terminal (+) first, followed by the negative terminal (-).

Ensure that the negative terminal (-) does not come into contact with the chassis, engine block, or other metallic components.

2. Install the Air Filter

Reinstall the air filter into its original position and securely tighten the hose clamps.

3. Secure Cables and Module

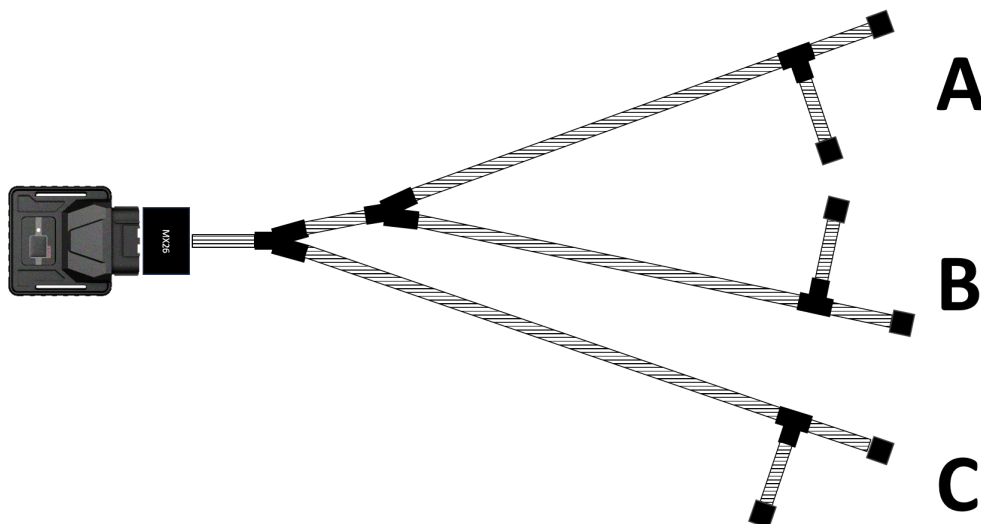
Use cable ties to securely fasten the cable adapter and the MAXBoost module. Ensure that all cables are properly routed, securely attached, and free from any potential chafing or damage.

4. Position the MAXBoost

Place the MAXBoost module in a splash-proof location within the engine compartment. Make sure it is not installed near hot or moving components.

5. Connect the MAXBoost Module

Connect the MAXBoost module to the compact connector of the cable adapter.



By following these instructions, you can ensure a safe, effective, and warranty-compliant installation of your MAXBoost system.

Need Assistance? We're Here to Help!

Thank you for choosing MAXBoost! We strive to provide you with the best products and support for an optimal driving experience. If you have any questions or need assistance during installation, don't hesitate to reach out to us. Our expert team is ready to help!

Contact Us:

 Email: info@madnessautoworks.com

Texas Location: 512-982-9393

California Location: 562-981-6800

Your satisfaction is our priority, and we're committed to ensuring a smooth and successful installation. Drive with confidence, knowing that we're always here to support you!