Oil Pressure Sender CAN Bus Kit
Subaru BRZ / Toyota GR86 2022+

AnsixDesigns™

Included Parts:
   1x Pressure sensor
   1x Wire harness
   1x CAN Bus electronics box
   1x Self tapping screw

Required Parts:
   Teflon tape or thread sealant
   Zip ties

Sensor Installation:

1. Remove the spade connection from the stock oil pressure sensor switch. The switch is located below the oil filter.
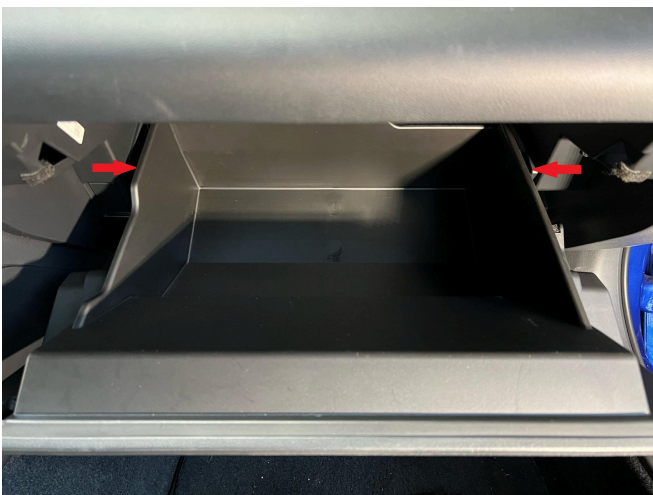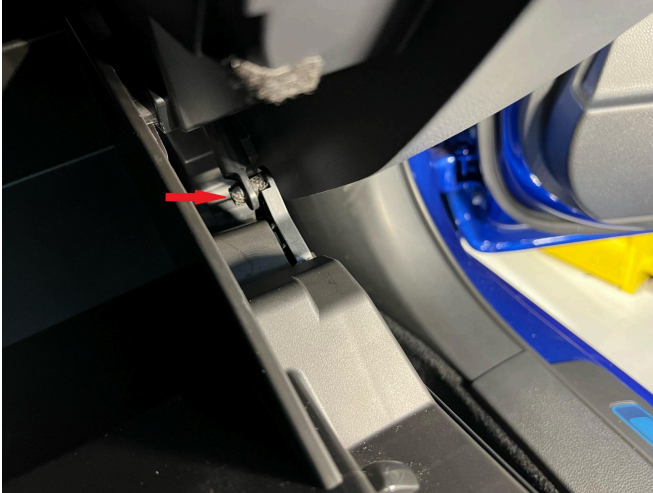

2. Remove the stock oil pressure sensor switch with a 24mm socket.
3. Apply teflon tape or thread sealant to the male threads of the sensor.
4. Install the pressure sensor where the stock pressure switch was removed from.

Electronics Box Installation:

Install Procedure:

1. Open glove box and remove glove box damper from hinge. Pinch in the sides of the glove box to allow it to drop out further. Pull away from the glovebox hinge to remove.
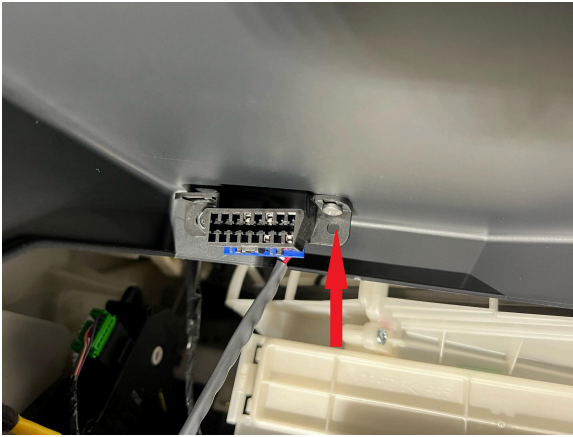
2. Remove dashboard side trim. Pull outward from the location indicated by the arrow.

3. Secure OBD port of the electronics box by reusing the screw in the inboard side of the glovebox cavity.

4. Use the provided screw to secure the other side of the OBD port to the glove box.

5. Adhere the electronics box to the roof of the glove box cavity with the wires exiting towards the passenger door.

6. Route the remaining connectors towards ASC Module.
7. Remove connector from the ASC (Active Sound Control) Unit and connect to the white CAN Bus connector. Connect the male side of the CAN Bus Harness to the ASC Unit. Skip this step to deactivate the active sound control.
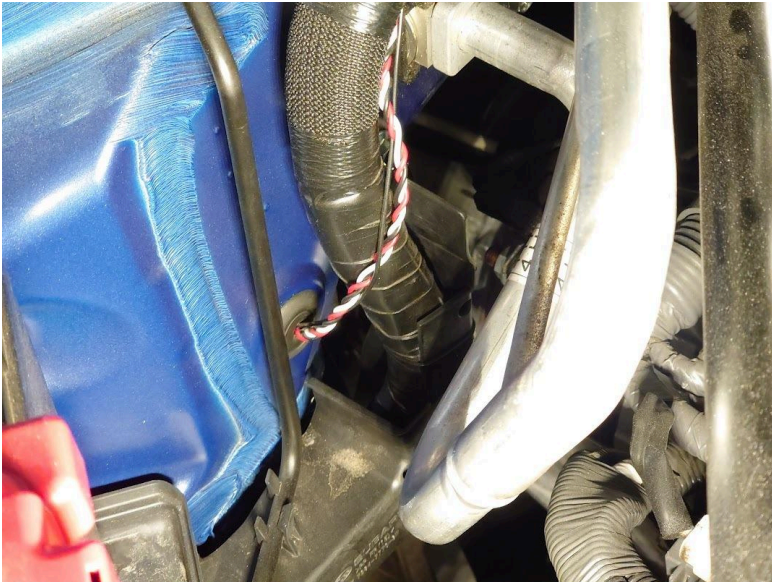
Harness Routing:

1. Connect the black 3 pin connector to the oil pressure sensor.
2. Connect the spade connector to the connector which was previously connected to the pressure switch
3. Route wiring harness along the left side of the engine bay following the oem harness routing or the AC line. Run along the firewall, using zip ties to secure the harness at regular intervals.
4. Remove firewall plug from the passenger side beside the battery
5. Using a stiff wire (coat hanger or tig welding rod) fish the wiring through the firewall with the rod pointing down.
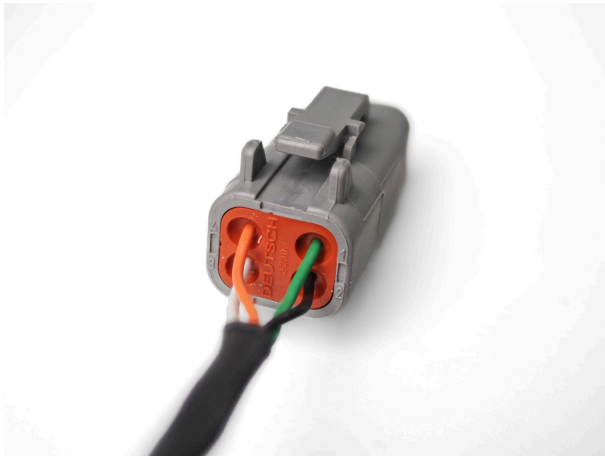

6. Secure the harness grommet into the hole of the firewall.

7. Using the control box connector as a reference, insert the 4 pins into the connector. You may also use the table provided below. Push until a click is felt and heard. A slight tug will confirm that it is properly locked in place. You can also look inside the connector to see that the contact shoulder is being properly retained by the small plastic finger of the housing.Once all contacts are in place, the wedgelock may be inserted by hand. Press until it clicks into place.

Position	Wire Color
1	White/Green
2	White/Blue
3	White
4	White/Orange

8. Route the wire towards the glove box and connect it to the final connector of the electronics box
9. Reassemble interior

Initialization:

After the installation is complete, turn on the ignition (without starting the car) by pressing the engine start stop button twice without pressing the brake pedal. Wait 10 seconds. This initialization process allows the oil pressure sensor to zero.

CANbus Setup Instructions:

RaceChrono

See download link on product page for rcz File.

AIM Solo DL2

See download link on product page for AiM Protocol File

Racecapture

> CAN ID: 369
> Offset (Len): 7(1)
> Formula: x1.0
> Value is in PSI