

# **Component Procedures: Fuel Pump Control Unit**

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# Component Procedures: Fuel Pump Control Unit

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Control Module	22872266	Control Module	545.15	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Fuel Supply > Fuel Pump Controller, R&R	B	0.7	0.6

## Fuel Pump Flow Control Module Replacement (Article 11436)

Callout Component Name

Preliminary Procedure Remove the right side quarter trim panel. Refer to Quarter Trim Panel Replacement .

Preliminary Procedure

Remove the right side quarter trim panel. Refer to Quarter Trim Panel Replacement .

1 Fuel Pump Flow Control Module Fastener Caution: Refer to Fastener Caution . Tighten 3 Nm (27 lb in)

3 Nm (27 lb in)

2 Fuel Pump Flow Control Module Procedure Disconnect the electrical connector. If replacing, reprogram the module. Refer to Control Module References .

Procedure

- Disconnect the electrical connector.
- If replacing, reprogram the module. Refer to Control Module References .

## All Technical Service Bulletins (itype\_100)

Tsbs

- Diagnostic Tips For I/M Flags Resetting After Ignition Cycled (PIP5627, 2019/02/15)

## Fuel Pump Control Module Programming and Setup (Article 10736)

The fuel pump control module must be programmed with the proper calibration software. The module stores and utilizes this information however if it is not properly configured with the correct calibration software, the fuel pump control module will not control all of the vehicle features properly.

Ensure that the following conditions exist in order to prepare for fuel pump control module programming:

- The battery is fully charged.
- The MDI data link connectors are secure.
- The scan tool is loaded with the most current software version.
- All disconnected modules and devices are reconnected securely.
- This entire procedure has been reviewed before proceeding.

Do not reprogram the fuel pump control module unless directed by a service procedure or a service bulletin.

Fuel Pump Control Module Programming

To program and setup an existing or new replacement fuel pump control module, perform the following procedure:

- Access the Service Programming System ( SPS ) and follow the on-screen instructions. Refer to Service Programming System (SPS) .
- On the SPS Supported Controllers screen, select K27 Fuel Pump Control Module - Programming and follow the on-screen instructions.

If the fuel pump control module fails to accept the program, verify all scan tool and fuel pump control module connections are secure.

- Turn the ignition OFF for 10 seconds.
- Open and close the door.
- Connect the scan tool to the data link connector.
- Ignition ON, engine OFF.
- Clear all DTC's from all modules.

## Out of specification (itype\_158)

Tsbs

- Diagnostic Tips For I/M Flags Resetting After Ignition Cycled (PIP5627, 2019/02/15)