

Component Procedures: Headlamp Control Module

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Component Procedures: Headlamp Control Module

Parts and Labor (itype_189)

Parts

Qualifier	Part #	Name	Price	Note
Control Module	92220276	Control Module	0.00	

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Headlamps > HID Headlamp Components, R&R > Ba?	B	1.5	1.1
Remove & Replace	Headlamps > HID Headlamp Components, R&R > Ba?	B	1.6	0.0

Headlamp Control Module Replacement (Article 10401)

Callout Component Name

1 Headlamp Control Module Procedure Disconnect the electrical connectors. Unsnap to release the module from the bracket. Refer to Control Module References for programming and set up procedures.

Procedure

- Disconnect the electrical connectors.
- Unsnap to release the module from the bracket.
- Refer to Control Module References for programming and set up procedures.

Headlamp Control Module Programming and Setup (Article 10738)

Calibration Criteria

Headlamp leveling control module calibration must be performed after a ride height sensor or headlamp leveling control module has been serviced. The calibration procedure will set the "centered" value for the front and rear ride height sensors. This value is used by the headlamp leveling control module to determine the proper amount of headlamp adjustment required for vehicle conditions. The following criteria must be met before performing the calibration procedure:

- The vehicle must be placed on a flat level surface.
- There must be no occupants in the vehicle.
- Any additional cargo weight in the rear compartment must be removed.
- All doors must be closed.

Calibration Procedure

- Install a scan tool.
- Clear All DTCs before proceeding.
- Select Module Diagnostics menu item.
- Select Headlamp Control Module menu.
- Select Configuration/Reset Functions menu item.
- Select Automatic Headlamp Leveling Sensor Learn and follow the directions displayed on the screen.
- Once the calibration procedure has been completed, verify the calibration by selecting the calibration procedure on the scan tool an additional time. If mechanical adjustments are required, refer to Front Headlamp Aiming .