

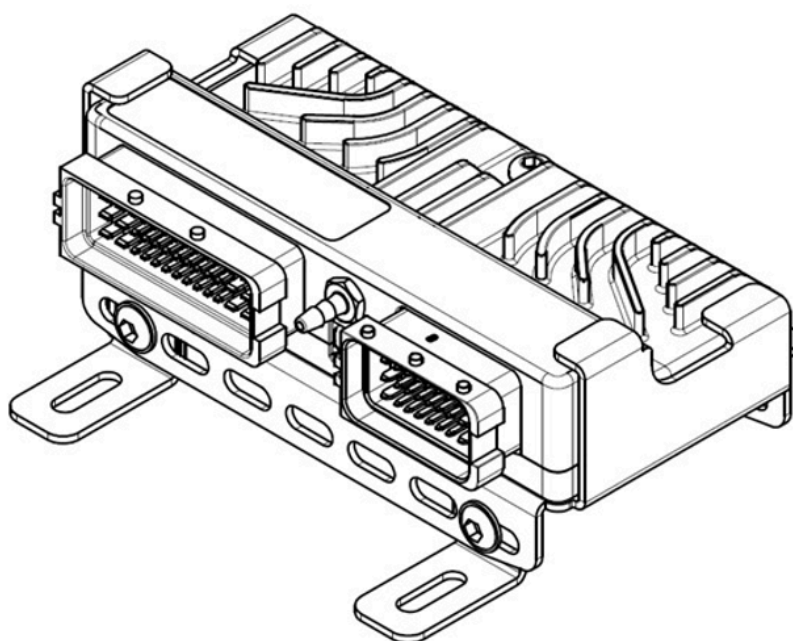


USER MANUAL

EMU Black Mounting Bracket

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1. Introduction

This document describes the installation of the dedicated mounting bracket kit for the EMU Black ECU.

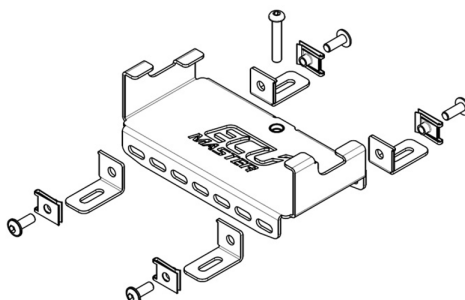
The mounting bracket allows secure installation of the ECU in the vehicle while providing flexible positioning options and improved heat dissipation.

Features

- Designed specifically for the EMU Black ECU.
- Allows flexible mounting position adjustment.
- Provides stable ECU installation.
- Supports different mounting orientations.
- Flat mounting surface improves heat dissipation from the ECU.
- Adjustable mounting feet allow installation on flat and curved surfaces.

2. Specifications

Specifications	
Compatibility	EMU Black
Material	Aluminium
Color	Black
Weight	116 g (bracket only) 164 g with feet and mounting plates, without screws
Dimensions	83 x 162 x 61 mm (bracket only) height 65 mm with feet



3. Package Contents

Item	Description	Qty
1	EMU Black mounting bracket	1
2	Mounting feet	4
3	Threaded mounting plates	4
4	M6x35 screw	1
5	M6x16 screws	4

4. Installation

Step 1

Select the ECU mounting location in the vehicle.

Consider the following:

- ECU orientation.
- Free air circulation around the ECU.
- Protection from excessive heat and water.
- Easy access to ECU connectors.
- Access to the wiring and sufficient space for the wiring connections.

Follow the ECU installation guidelines provided in the **Installation** section of the EMU Black Hardware Manual available on the Ecumaster website https://www.ecumaster.com/files/EMU_BLACK/EMU_BLACK_manual.pdf.

Step 2

Adjust the mounting bracket and mounting feet according to the selected installation location.

- The slotted holes in the side bends of the bracket allow flexible positioning of the mounting feet.
- The aluminium mounting feet have an extended section for mounting to the vehicle body. This section can be bent to match the shape of a curved mounting surface.
- Long mounting slots in the feet make it easier to align the bracket with the vehicle mounting holes.
- The threaded mounting plates can be installed on the mounting feet in either direction. This allows the mounting feet to be attached to the bracket in different configurations.

**Note:**

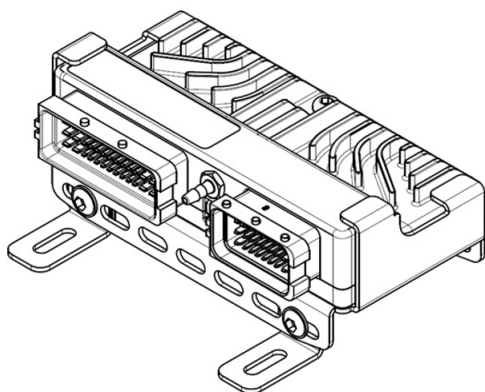
- The bracket must use at least three mounting points. Four mounting points are recommended.
- The bracket must be securely attached to the vehicle body.

Step 3

Install the EMU Black ECU on the mounting bracket.

**Note:**

The flat mounting surface of the bracket improves heat dissipation from the ECU.



5. Document history

Version	Date	Changes
1.0	2026.10.29	Initial release