

Mercedes-Benz O 407, latest series

Over six years passed since the Mercedes-Benz O407 for OMSI was first published. Now the latest series of this very successful bus with details built since 1996 follows.

The old model was adapted in the important parts and optimized in several parts, especially the dashboard. Nevertheless it is based on the old model from 2015 and not anymore state of my art in many points. But I think it can give some fun for some OMSI players.

In this pack you find the O407 in the series built from 1996 to 2001 with 6 speed manual gearbox and ZF 5 HP 500 automatic gearbox.

This Readme is an addition to the readme of the first version of O407-Addon. Please read the old manual of version 1 first!

Big thanks to my betatesters and repainters Tristan98, Lazarus, MeerrettichMeister und iStanley

Credits:

Model: Perotinus

Textures: MR-Software, Sven591, René, Perotinus und viele andere

Scripts: Rolf Westphalen, MR-Software, Busfanat, iTram, Julian, Morphi, cooper, Perotinus

Soundrecordings: M-A-N fan (Youtube), O405N (Youtube), Makko1988, maxo3, mbcitarofan, MR-Software, PoweredByCNG, Morphi, Perotinus

Sounddesign: Perotinus, Makko1988 (ZF gearbox)

One or more textures on this 3D model have been created with images from CGTextures.com. These images may not be redistributed by default, please visit www.cgtextures.com for more information.

Modifications

The scripts are part of the payware add-on “City Bus O 305” and are subject to the copyright of the creator Rolf Westphalen as well as MR-Software. Thus it is FORBIDDEN to edit them. The sounds are subject to the copyright of Makko1988, mbcitarofan, Morphi and MR-Software.

Self-written .bus files and modified model.cfg files may be created and spread for the realization of own variants in OMSI. For more complex modifications feel free to write a private message in the forum if there are questions about this. Please ask before converting some parts of this model to other simulations.

Installation:

To run the MB O 407 the add-on „City Bus O 305“ has to be installed! The path of the O 305 has to be OMSI → Vehicles → MB_O305. It is not enough to have the AI O305 which is included in OMSI 2.

Also the first series of MB O407 has to be installed:

<https://reboot.oms-webdisk.de/file/468-mercedes-benz-o-407/>

The content of the zip file simply has to be unpacked into the OMSI main folder.

Operation:

The operation of second series MB O407 is not much different to the first series, so most can be read in the manual for the first series.

Just the aircondition, which can be activated via repaint cti, and the electric roof hatches are new. The aircondition can be turned on with the switch marked with snow flake on the dashboard. It will start cooling at over 23°C, also the light beside will turn on.

The roof hatches can be operated with the two switches on the console at the left.

Repaints

The MB O 407 for OMSI is completely repaintable and uses the repaint tool developed by M&R. It can be found in the folder OMSI 2 → SDK → RepaintTool. The templates are available with a 2k resolution for using the repaint tool and in 4k resolution for using a .pdn file in paint.net. There are also the separate layers as png files for using in other programs. Only for repainting with repaint tool support will be given. The templates have to be downloaded separately.

There are two different layouts for repaints: Bus with trunk lids ((O407_neu_mK.rpc) and without trunk lids (O407_neu_oK.rpc).

Via cti entry

```
[CTCTexture]
farbschema_tex7
Klima.tga
```

texture of the roof top aircondition can be changed.

Cti-variables

In addition to the cti variables listed in the manual of the first version of MB O407, now the second series offers the following ones:

vis_spiegel:	0	new hanging side mirrors
	1	old upright side mirrors
vis_dachheizung	0	without roof caps
	1	with roof caps (automatically invisible with aircondition)
vis_klima	0	no aircondition
	1	Konvekta aircondition on the roof

The Ticketprinter type ALMEX PDR isn't integrated in the new version, you can only use the AEG AFR 200.

You can find the support thread in OMSI-Webdisk: <https://reboot.omsi-webdisk.de/community/thread/1061-supportthread-zu-den-bussen-von-perotinus-man-uel-mercedes-benz-o307-o407-o303/?pageNo=1>

**And now have fun with the „new“ Mercedes-Benz O407.
Perotinus on December 22, 2021**