

Abstract

The present invention provides a guide wheel device for a guide rail vehicle with a simple structure, which can be manufactured at low cost, and can be easily maintained while reducing the maintenance cost, and in which a wear adjustment position is not moved due to vibrations while the vehicle is running. In the present invention, the guide wheel device for a guide rail vehicle includes a wheel shaft 4 rotatably supported on a bearing 21, and a main guide wheel 31 and a branch guide wheel 32 rotatably mounted to upper and lower portions of the wheel shaft 4, wherein the main guide wheel 31 has a rotation center C1 eccentric to an axis C2 of the wheel shaft 4, a plurality of fitting body receiving portions 11 to 13 are provided in an outer peripheral surface of the wheel shaft 4 so as to be arranged sequentially in a circumferential direction, a fitting body 25 to be fitted into the fitting body receiving portions 11 to 13 is provided in the bearing 21, and fitting adjusting means 26 capable of pressing the fitting body 25 against the fitting body receiving portions 11 to 13 toward the wheel shaft 4 or releasing the pressing of the fitting body 25 is provided.



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