

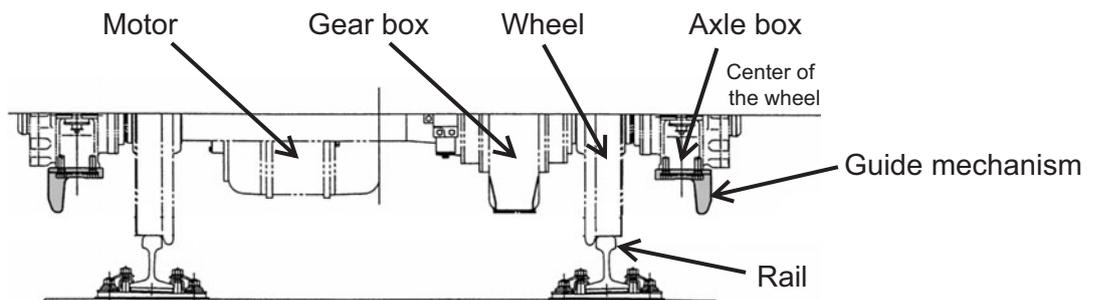
○ Rolling Stock Guide Mechanism

(1) Objective

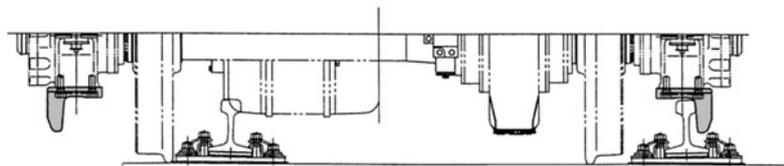
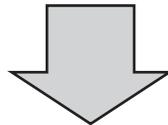
To prevent the car from deviating too far from the rails after a derailment.

(2) Summary

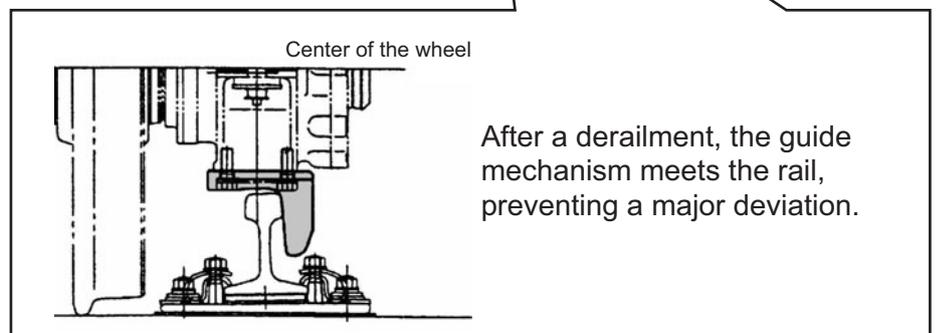
A car guide mechanism shaped like a backwards “L” is installed under the bogie axle box, and if the car derails, it prevents the wheels from moving sideways more than a set amount.



Normal running configuration



Configuration after derailment



Future plans include creating prototypes, checking them with load tests and completing our investigations within this fiscal year.