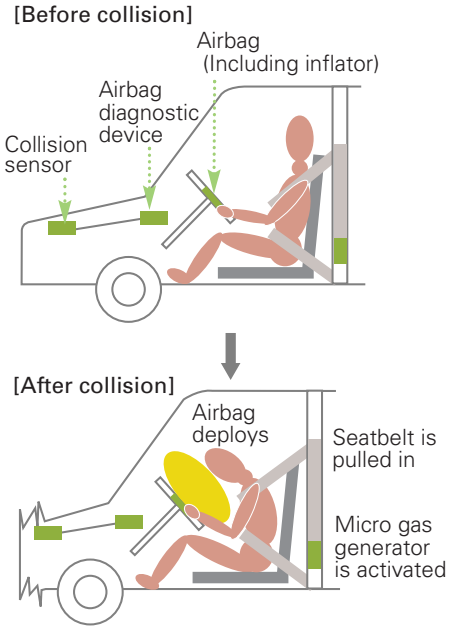




Mechanisms of Airbag and Seatbelt Pretensioner Operation

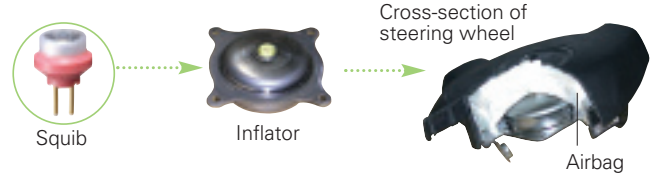


Airbag Inflator Mechanism

An airbag inflator is a device incorporated in safety airbags that generates gas to instantly inflate the bag when a vehicle collision occurs.

[Operating mechanism]

- (1) A sensor detects the collision, and an electrical signal is sent to the inflator.
- (2) The squib inside the inflator operates, igniting a gas-generating agent. The generated gas enters the airbag, instantly inflating it.

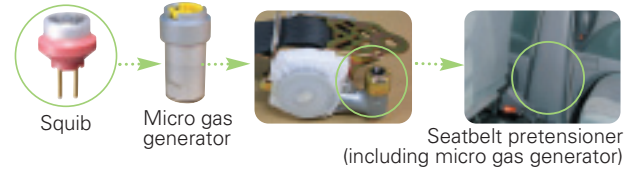


Micro Gas Generator Mechanism

The micro gas generator generates gas for the seatbelt pretensioner device, which winds up the seatbelt and instantly restrains the occupant's body when a vehicle collision occurs.

[Operating mechanism]

- (1) A sensor detects the collision, and an electrical signal is sent to the micro gas generator.
- (2) The squib inside the micro gas generator ignites the gas-generating agent. The generated gas pressure becomes the dynamic force that winds up the seatbelt.



Agrochemicals Business

We are carrying out further structural reforms in our capacity as an independent organization.

Business Overview

Nippon Kayaku manufactures and sells agricultural insecticides, fungicides, herbicides, soil fumigants, and insecticides for such common pests as mosquitoes, flies, and cockroaches. Agricultural insecticides and soil fumigants account for a large percentage of our sales.

Overview of Operations

Results for the year ended May 2008 were below those of the previous fiscal year, due to a slump in orders for contracted products.

Future Developments

We will carry out further structural reforms and improve our operating efficiency, and also engage in strategic collaborations aimed at achieving goals such as the marketing of new products.