

Resource Recycling

Considering the fragileness of natural resources on a worldwide scale, we are speeding up in changing to become a continuous recycle-oriented society. Toyota Auto Body is promoting efforts to consider recycling in vehicle manufacturing at all stages from development through dismantlement.

Development and Design	Further promotion and expansion of vehicle recycle designs
Production and Logistics	Further promotion of efficient resource use in aiming to be a recycle-oriented society
Production and Logistics	Decreasing water consumption

Development and Design

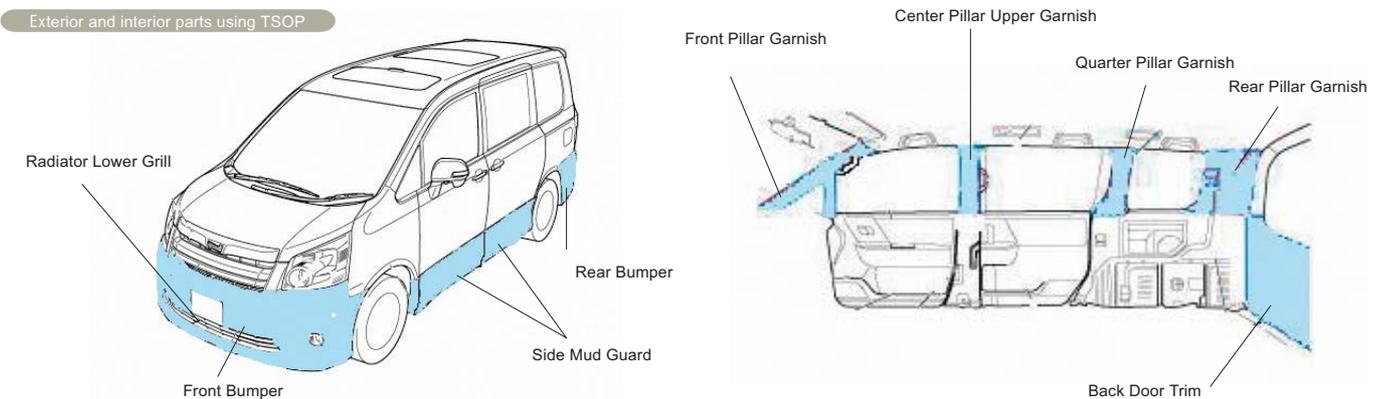
Promoting and Expanding Vehicle Recycle Design

We promote vehicle manufacturing that considers a high rate of recycleability from production through dismantlement, and incorporates recycle items in planning and design from initial development stages of the new VOXY and NOAH.

Improvements in Recoverability of Resin Parts

We are using TSOP※1, an excellent resin material, for parts such as bumpers and pillar garnishes

※1 T S O P : Toyota Super Olefin Polymer



Improvements in Vehicle Dismantlement

We incorporated ways to improve dismantlement for the new VOXY and NOAH and reduced dismantlement time by 10% compared to previous models. In addition to our previous efforts to improve the recoverability of wire harnesses and instrument panels, we are making efforts to facilitate dismantlement through vehicle development and also to reduce disposal fees for fluoron gas and airbags that are subject to vehicle recycling laws.

Reducing Removal Time for Airbags

Dismantling airbags involves connecting a one-step deployment tool to the console computer. Previous models were connected to this tool which did activate the airbag, but required removal of three parts. New models only require removal of one part, which reduces connection time.

