BODY STRUCTURE

■ DESCRIPTION

The new MR2 has adopted a body construction that achieves both high rigidity and safety.

■ LIGHTWEIGHT AND HIGHLY RIGID BODY

1. High Strength Sheet Steel

High strength sheet steel has been used in order to ensure body rigidity and realize a lightweight body.
2. Body Shell

- The members and braces have been effectively located to ensure high rigidity and to realize excellent stability and controllability.

- A straight pipe is provided inside the front pillar to ensure the pillar rigidity that is equal to the closed body construction used in conventional sedans.

- The bottom of the front pillar has been enlarged to increase its joining rigidity with the rocker area.

- The cross section of the rocker has been increased in size to improve body rigidity.
3. Under Body

By making the main framework straight and optimizing the joint structure of each framework, thus result in improving the body more light-weight and with high rigidity.

4. Floor Panel and Room Partition Panel

By dividing the floor panel and room partition panel in the ten sheets and making their structure rounded, thus rigidity improvement and road noise reduction are realized.