


Summary of High-Speed Test Train

E954 train 8-car unit
 E955 train 6-car unit

Faster running speed


- New type pantograph for high-speed power collection
- High-output, small and lightweight, low noise main circuit system
- Brake mechanism for stopping at high speeds



Eco-friendliness

- Noise control
- All parts of car body flat and smooth
- Space between cars is covered all around
- Pantograph noise insulation panel
- New low-noise pantograph
- Sound-absorbing structure under floor

Tapered nose to minimize boom when entering tunnels at high speed (comparison of two different shapes)




(Type A)
(Type B)



Reliability assurance

- Car shape inhibits snow from sticking
- Confirming reliability of running components



Greater comfort

- Improved bogie suspension system
- Improved active pitch control system
- Quieter interior
- Better sound insulation windows
- Floating floor construction
- Better sound insulation car body construction
- More comfortable ride on curves
- Air spring stroke car tilting system

