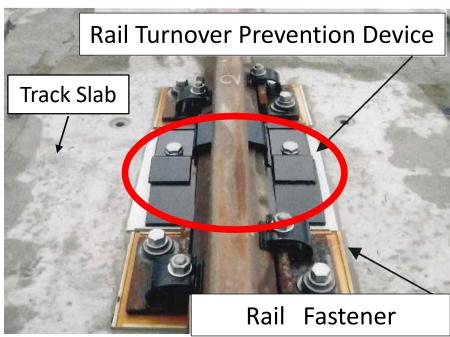
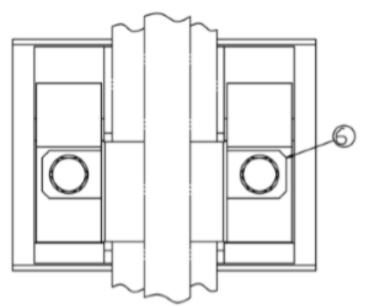
Rail Turnover Prevention Device

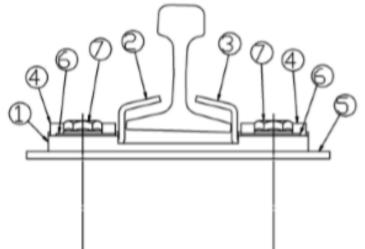


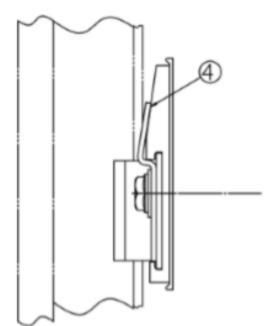


Even if the derailed HSR train breaks the rail fasteners, the rail turnover prevention device can **prevent rail turnover** by resisting the impacted wheel loads and preserving the rail seating position.

Abstract of Rail Turnover Prevention Device for Slab Track of MAHSR







- ① Tie Plate (SS400 or SC410) *
- ② Spring Steel Plate A (right) (SUP9) *
- ③ Spring Steel Plate A (left) (SUP9) *
- 4 Spring Steel Plate B (SUP9) *
- ⑤ Insulation Plate (SMC) * **
- 6 Washer (S45C) *
- 7 Bolt (Scr440 or SCM435) *
- * Specifications should be based on JIS or equivalent or more.
- ** SMC = Sheet Moulding Compound
- © Japan International Consultants Consortium

[For reference]

Derailment due to Earthquake









The great earthquake (Magnitude 6.8) occurred on 23/10/2004. HSR train running at 204kph derailed.