BOLLIGER & MABILLARD

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Bulletin No.:	11
Release Date:	July 31, 2009
Effective Date:	July 31, 2009
Supersedes:	none
Issued by:	A. Pinizzotto
Checked by:	G. Petitpierre / V. Sierro
Page:	1 of 2

## **SERVICE BULLETIN**

Affected Park:

Affected Ride: Ride Name:

**INVERTED COASTER** 

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Item:

Steel brake pad

Retaining bolts of the steel brake pad

#### Abstract of Issue:

Inspection of the steel brake pads and retaining bolts as per drawing on page 2.

#### Reason for Release:

Cracks were discovered on the second steel brake pads of the pilot coach in the transition area between chamfered and straight section.

#### Actions to be taken:

- visual and magnetic particle inspection of the steel brake pads in the area shown in the drawing on page 2. The Steel brakes pads presenting indications must be replaced.
- visual inspection and torque inspection of the retaining bolts.

#### Schedule:

Steel brake pads:

Visual inspection: immediately.

Magnetic particle testing: within a week.

#### Retaining bolts:

Visual inspection and torque inspection.

#### Additional request for maintenance:

The area between chamfered and straight section of the steel brake pad shall be checked as follows:

Visually: every month.

magnetic particles: annually.

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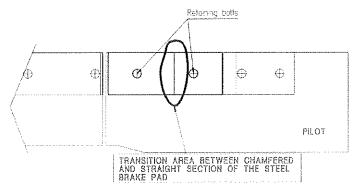
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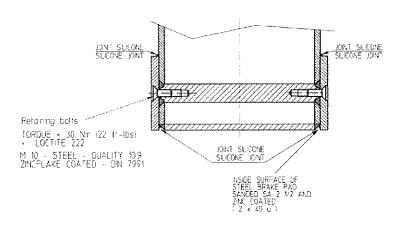
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# **SERVICE BULLETIN**

### **Inverted Coaster (pilot car)**



DIRECTION OF MOTION



- Note: the retaining bolts for steel brake pads are M10 hexagon socket countersunk head screws according to DIN 7991:
  - · fully threaded
  - material: steel quality 10.9
  - surface treatment: 3 zincflake coated (Dacromet)
  - recommended torque: 30 Nm (22 ft·lbs)
  - the contact surfaces between the steel brake pad and the beam must be clean and free of grease / oil
  - silicon joint must be applied after assembly.