

**ANSYS Class3 Error Report****ERROR NO:**

2014-09

**Keywords:**

CONTA174 TB,WEAR

**Description of Error:**

When wear is simulated by using the TB,WEAR commands with contact elements CONTA174 over higher order tetrahedron elements (for example, SOLID187) or higher order degenerate brick elements (for example, SOLID186), wear is not calculated correctly for one of the nodes of the contact elements CONTA174. This leads to wrong overall results.

**Typical GUI Path(s):****Other Comments:****First Incorrect Version:**

Release 15.0

**Corrected In:**

Release 16.0

**Suggested User Action For Running on Uncorrected Version:**

Do not use higher order tetrahedron elements or higher order degenerate bricks as the underlying elements of a contact surface with TB,WEAR defined.

**Author Signature:**

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**Reviewed By QA:**

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**Approval:**

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