

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

WB2013-15

Keywords:

CENTROID MULTI-BODY PART RIGID BODIES

Description of Error:

The centroid of a multi-body part (a part consists of several bodies) is not calculated correctly if the part contains a transformation from the CAD system. The centroid of each individual body is properly calculated but not at the part level. The problem is easily identified where the centroid values of the multi-body part are not consistent with those of its component bodies. This would result in incorrect answers if the part is declared as rigid.

Typical GUI Path(s):

Project>Model>Geometry>Part

Other Comments:**First Incorrect Version:**

Release 12.0.1

Corrected In:

Release 15.0

Suggested User Action For Running on Uncorrected Version:

This error can be avoided by attaching the geometry via Reader mode (if that CAD package supports Reader mode).

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