

Description:

In some situations a MADYMO run is aborted with the following message

**** ABORT ** ID=(BLTE01/3D/BNOFO3)**

Belt segment /4/2/1 (/Belts/ Buckle_Belt /Shoulderbelt-Buckle) :

Distance between attachments is zero at time = 0.0680 s.

100.0 15:04:17 1557.0 63.1 1166.1

This error is generated when there is not enough multibody belt length for belt slip to occur.

Solution :

It can be resolved by either

- Increasing the multibody belt length or
- Increasing the friction (realistic values) at the tying point.
- Note: If the above doesn't resolve it, then check if contacts are working fine, for example by checking if the contact forces on the dummy are realistic.