Specially designed spine boxes and adapters must be used to allow the use of both the model 1911 or IF-310 thoracic spine load cells and the model 3457 rib load cells on the Hybrid III 50M.

1911 & IF-310 Thoracic Spine Load Cells

**REQUIREMENTS**

The standard HIII-50M spine box is not designed to allow mounting of either thoracic or rib load cells.

Denton product users wishing to only mount a model 1911 (or equivalent) thoracic load cell must use the 78051-179I-DN spine box assembly consisting of a 78051-179WI-DN spine box, 78051-84I-DN accelerometer mount bracket and a 78051-81I-DN adapter as shown in figure 1.

For FTSS product users, the IF-310 thoracic load cell assembly consists of the IF-310 load cell, 78051-78-H accelerometer mount bracket, 3100-46 spine box, and the 3100-40 adapter assembly (figure1).

3457 Rib Load Cells

**REQUIREMENTS**

Users wishing to mount model 3457 rib load cells (or equivalent) must use the #5007 spine box as shown in figure 2.

Thoracic Spine & 3457 Rib Load Cells

**REQUIREMENTS**

Users wishing to mount both the model 1911 (or equivalent) thoracic load cell and model 3457 rib load cells (or equivalent) can order a #5000 spine box assembly which includes the rib load cells. The 78051-78I-DN adapter assembly (sold separately) and a model 1911 thoracic load cell can be used with the #5007 spine box as shown in figure 3.

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! The DN and FTSS components are not interchangeable.