Easy fit load cell system includes:

- 4x load cells - 2x left hand and 2x right hand
- 2x load cell cross bars with 8x bolts and nylock nuts
- 1x 5 way junction box
- All cabling pre-wired and fitted
- Stainless steel coil spring protected cabling
**Plan view schematic - not to scale**

**Fitting guidelines**

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**A**
- Load cells - 4x included. 2x left and 2x right with 16.4ft cabling attached to each. Shown enlarged over and on the cover.

**B**
- Load cell cross bars - 2x included. Supplied with 8x nuts and bolts. 1x fits between the front load cells and 1x fits between the rear pair. Each cross bar is fixed to each load cell with 2x bolts and nylon lock nuts.

**C**
- Junction box - 1x included with 13ft scale indicator feed cable. Takes the cables from each load cell into the plugs on its sides. The cable pre attached to short end of the junction box connects to your scale indicator.

**D**
- Chute front and rear lower cross members and approximate chute body outline.

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**Be safe! - Crush hazard**

Fitting the load cells to your chute requires working beneath the chute while it is hoisted. Ensure the chute is properly secured and safety blocks are in place. Ensure everyone is clear before lowering the chute back to ground level. Ensure people not involved with the installation are well out of harms way. Wear appropriate personal protective equipment.

**Fitting the load cells**

1. Fit the load cell cross bar to one load cell using the 2x nuts and bolts provided.
2. Raise the chute and ensure it is secure. Slide the load cell with the cross bar attached onto the chutes lower cross member, shown in position. Slide the load cell onto the opposite end of the chutes lower cross member. Bolt the cross bar onto the load cell. The load cells are now paired and you can centre them on the chute body. Tighten the load cell retaining bolts.
3. Repeat this procedure to fit the remaining pair of load cells to the other end of the chute. Ensure the area is clear, lower the chute and adjust its position. The load cells are pre-drilled with holes to fix them to the ground Dyna or rag bolts can be used, these are not provided.

**Cabling**

16.4ft coil spring protected cabling is provided attached to each load cell and a 13ft cable to the junction box. Run the cabling to suit the location of your scale and junction box using the schematic as a guide.

You should run the cables so they are protected from muck and pooling liquids. The same applies for the position of the junction box.

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**Plugs**

All plug fittings are the same, load cell to junction box to your scale. The scale plug has an end cap fitted, and this should be replaced to protect cable end when removing items.