



# Top Force Transducer

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Top force transducer method eliminates concrete build up or excavation on drilled concrete piles. Using Pile Dynamics, Inc's Top Force Transducer allows for quick set up. When used with the Pile Dynamics Analyzer - Dynamic Load Tester (PDA-DLT), the Top Force Transducer improves force accuracy and reduces labor costs. Force measurements may be taken via bolted on gages, load cell, dolly, or from ram measurements.

### Advantages Include:

- No "windows" in casting provide more accurate force
- Area and modulus are identifiable
- Less pile preparation required
- Eliminates excavations
- Accelerometers mounted near top of pile, no longer requiring two diameter distance
- Eliminates errors due to bending

### Available Top Force Transducers

PDI offers top force transducers for use with the Pile Dynamics Analyzer - Dynamic Load Tester (PDA-DLT), available in three sizes:

- **91 cm (36") - 4,000 tons (includes 8 strains)**
- **61 cm (24") - 2,400 tons (includes 8 strains)**
- **41 cm (16") - 1,150 tons (includes 8 strains)**



**Pile Dynamics, Inc. (PDI)** is the world leader in developing, manufacturing and supplying state of the art QA/QC products and systems for the deep foundations industry. The company is headquartered in Cleveland, Ohio, USA, with offices and representatives worldwide. For additional information visit us at [www.pile.com](http://www.pile.com) or contact [info@pile.com](mailto:info@pile.com).