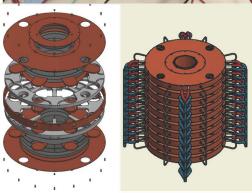
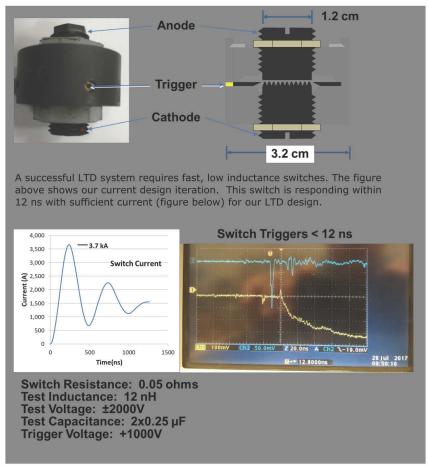
Linear Transformer Drivers for Z-pinch Based Propulsion

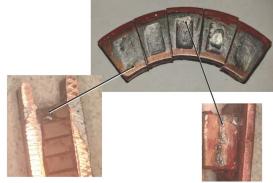
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Concept and experimental LTD's developed at MSFC. Upper figure shows first system to fire multiple bricks simultaneously. Lower views show current LTD and stack design.

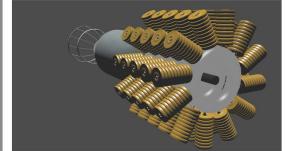








(Upper) Recent failure of current design. Five capacitor stack shorted across weakest capacitors.
(Below) Illustration of the LTD system driving the Pulsed Fission Fusion Vehicle for an interplanetary spacecraft.





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