

Sweet Corn Harvesting System

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Objectives:

- Design and install elevator speed control system.
- Design and install elevator directional control system.
- Fabricate weight brackets and revitalize dump cart.



Left: Electric motor assembly removed from a Mercury Topaz. This was used to control the elevator speed.

Right: Electric motor assembly mounted to the flow control valve. This assembly is controlled in the tractor cab by a rocker switch to adjust elevator speed. Along with it is a custom fabricated shield.

