

University of Nebraska
Department of Biological Systems Engineering
Nebraska Tractor Test Laboratory

PHYSICAL TRACTOR REQUIRED FOR TESTS

Note: The term “tractor model” used in this Board Action refers to a tractor model for Nebraska sales permitting purposes, as defined in Board Action No. 27, which may or may not be the same criteria any particular manufacturer uses to distinguish among their tractor manufacturer’s models.

Rationale: For some families of tractor models, agricultural tractor manufacturers have reached a point where two or more models of tractor are the same, except for the electronic engine control program. For example, there have been occasions where a manufacturer has sent one physical tractor to the testing station, and reprogrammed the tractor electronic engine controller so that one physical tractor was used to conduct tests of two or more tractor models. However, the manufacturers do not recommend reprogramming of the electronic engine controller by the customer, and often warn customers that reprogramming the tractor engine controller voids the tractor warranty. In addition, when testing a tractor model, the Nebraska Tractor Test Lab prefers to avoid using any modifications or procedures that would not be available to a customer.

Therefore, the Nebraska Tractor Test Board requires that in order for a manufacturer to obtain a permit to sell a tractor model in Nebraska, a physical model of that tractor with appropriate serial numbers, including the correct electronic engine control program, be presented to the test station for testing.

April 18, 2012

Board of Tractor Test Engineers

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