



TEREX

Utilities

PRODUCT ADVISORY	PA-1017-09
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DATE: 3/25/09

REVISED:

Models: Truck Chassis

SUBJECT: *Prevent idle shut down during PTO operation*

ATTN: Equipment owners and users:

Issue:

Many states and municipalities have laws that limit the time a truck can idle. Idle shut down programming built into the chassis computer systems prevent truck engines from idling for more than a set period of time when stationary. Typically this is 5 minutes when at idle and with the truck in neutral.

Action:

To prevent the truck engine from shutting down when using the aerial device or digger derrick requires specific steps. The idle shut down feature can not be turned off entirely because it would violate state law, only override while using the aerial device or digger derrick.

To operate the aerial or digger derrick properly the chassis must not shut down when the PTO is engaged. Some truck engines such as Cummins and IH require a specific sequence to override idle shut down. If the service brake is pressed when the PTO is engaged, the idle shut down timer will start, and the engine will turn off in the prescribed time. The proper way to engage the PTO is to:

- With the engine running
- Put the transmission in Neutral and set the park brake
- Take your foot off the service brake
- Turn the PTO switch "ON"

Note: If you push the service brake after engaging the PTO it will begin the idle shut down sequence. Do not touch the service brake if you want the truck to remain running.

On IH trucks there will be a 5 second delay before the engine throttles up to 750 RPM. The cruise indicator will come on in the dash display. The engine should not shut down while the engine is throttled up, unless you touch the service brake.

Idle shut down will remain overridden when using the remote start/stop feature unless the service brake is depressed or the PTO is turned off.