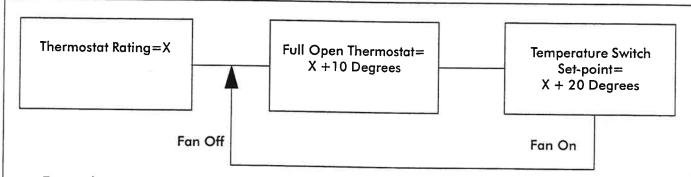
SPECIFYING A TEMPERATURE SWITCH

Due to the unique characteristics of each truck's cooling system, Horton recommends that you use the following guidelines in selecting the proper Temperature Switch to accompany your EC450 Fan Clutch:

- The Thermostat rating is the temperature at which the Thermostat begins to open. The rating can be found stamped on the Thermostat, or contact the engine manufacturer.
- The Temperature Switch set-point (the temperature at which the Fan Clutch engages) should be at least 10 degrees (F) higher than the full-open temperature of the engine thermostat.
- It is recommended that a Horton Temperature Switch be used in conjunction with the EC450 Fan Clutch. Horton Temperature Switches are specifically designed to limit frequent cycling of the Fan Clutch caused by varying engine temperatures.

Refer to the Horton Medium Duty Fan Clutch Catalog (L-22470) for a complete listing of available Temperature Switches, specifications and part numbers.



Example:

For a Thermostat rating of 185°F, select a Temperature Switch with a set-point of 185°F+20°F=205°F and a minimum 10°F differential. The Temperature Switch will turn off the Fan Clutch at 205°F-10°F=195°F, allowing the Thermostat to control engine temperature until the fan is called upon to supplement cooling.



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