

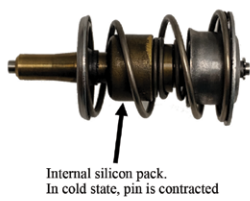
SURE-COOL![®]

FLOW~CONTROL[™]

INNOVATION

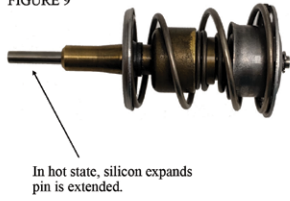
Thermostatic Switch Device or "Element"
basic function

FIGURE 8



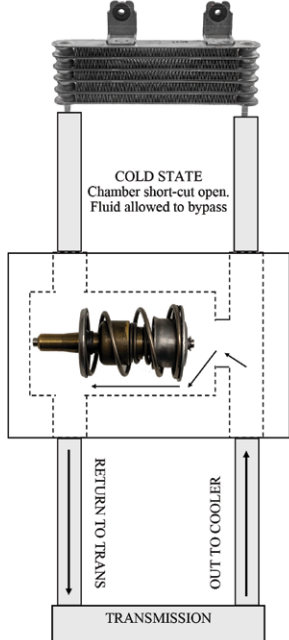
Internal silicon pack.
In cold state, pin is contracted

FIGURE 9



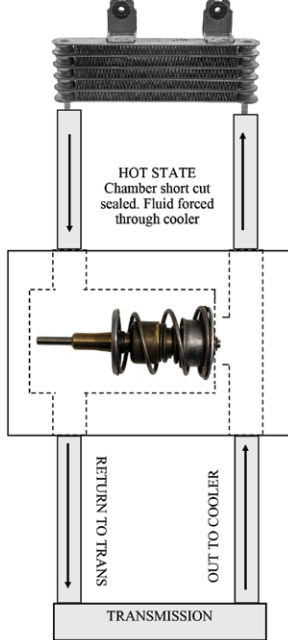
In hot state, silicon expands
pin is extended.

FIGURE 10



COLD STATE
Chamber short-cut open.
Fluid allowed to bypass

FIGURE 11



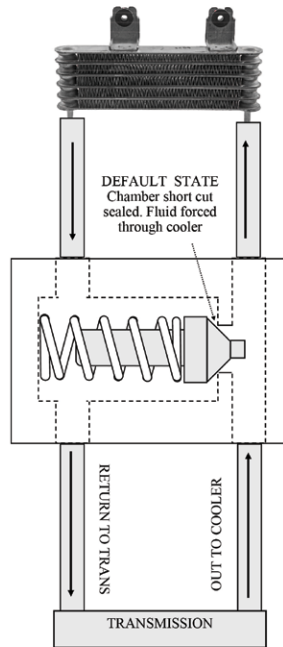
HOT STATE
Chamber short cut
sealed. Fluid forced
through cooler

Patent Pending, trademarked and propriety technologies from TransLab Engineered® and Superior Transmission Parts Inc.,.

Sure-Cool® SYSTEM
FUNCTION ILLUSTRATED

FIGURE 14

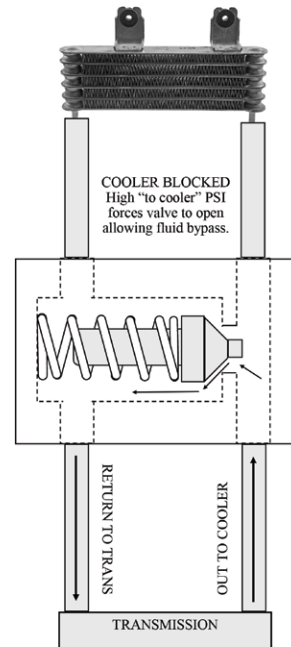
Sure-Cool® default state..
cooler flow turned ON
[full time flow]



DEFAULT STATE
Chamber short cut
sealed. Fluid forced
through cooler

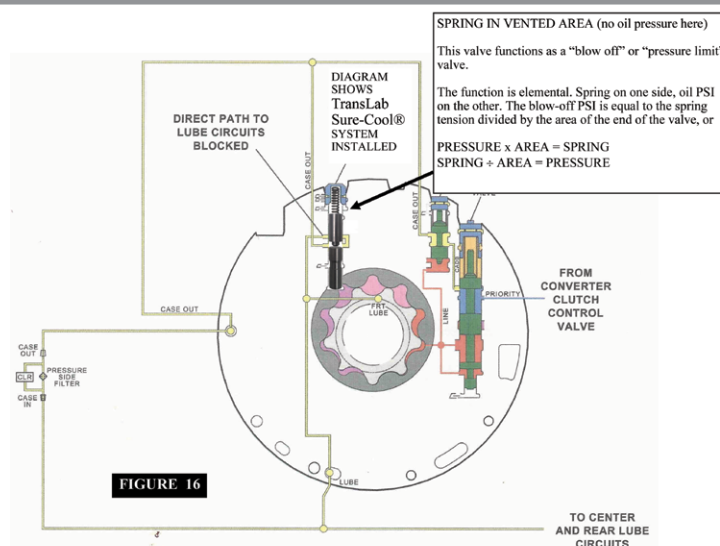
FIGURE 15

Sure-Cool® safety bypass
state when cooler flow is
blocked



COOLER BLOCKED
High "to cooler" PSI
forces valve to open
allowing fluid bypass.

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