

Online Source: https://cdn.norgren.com/pdf/FUEL_TANK_CAPS_data_sheet_11-6-14.pdf

Norgren GT Development fuel caps incorporate a unique combination of thermal, venting and pressure relief to protect the fuel system in the event of a fire or a roll over. These devices ensure that diesel fuel is not released prematurely, while minimizing the opportunity for pressure to build-up inside the tank. The safety devices are engineered into rugged, aluminum die-castings that stand up to daily use and abuse. All designs meet or exceed FHWA guidelines for leakage, drop tests and flame tests.

Norgren GT also offers closure-only caps which are custom designed for special applications where a separate fuel tank vent is located in the fuel tank.



Performance

Application	Fuel tank caps for vehicle gas and diesel fuel tanks
Material	Aluminum die-casting
Options	Matching locking, venting, safety features*
Sizes	2", 2.5", 3", and 4"
Part Numbers	31302-1, 8103, 8105-2, 8110-1, 8111-1, 8120, 8121, 8130-1, and 8131-1

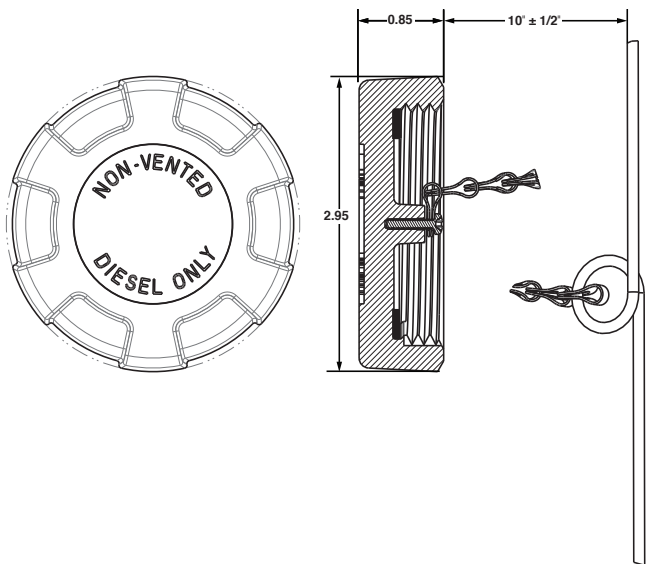
* Please contact your local Norgren technical representatives.

Fuel Tank Caps

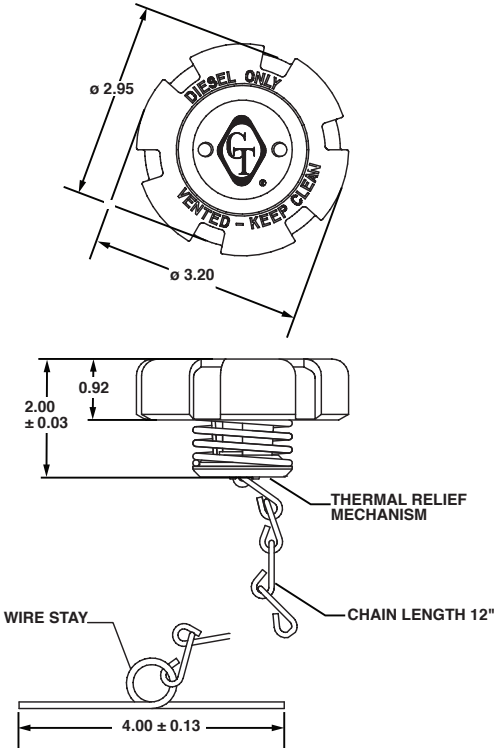
	Part Number	Cap size / Thread size	Thermal Relief	Pressure Relief	Venting	Locking	Chrome	Stay Dimensions	Chain Length	Customer Cover Disk Markings	GT generic to support Aftermarket
	31302-1	2-11.5 NPSM	No	No	No	No	No	4.5"	10.0"	None	2" Closure only cap (see thread size)
	8103	2-11.5 NPSM	Yes	Yes	Yes	No	Yes	4.0"	12"	GT logo	2" Full function cap chrome (see thread size)
	8105-2	2.5-8 UN	Yes	Yes	Yes	No	No	4.0"	12"	GT logo	Mack
	8110-1	3-8 NPLS straight pipe thd	Yes	Yes	Yes	No	No	7.0"	12"	GT logo	Western Star
	8111-1	3-8 NPLS straight pipe thd	Yes	YES	Yes	Yes	No	7.0"	12"	GT logo	Western Star
	8120	3-5.5 custom thd	Yes	Yes	Yes	No	No	7.0"	12"	GT logo	Kenworth
	8121	3-5.5 custom thd	Yes	Yes	YES	Yes	No	7.0"	12"	GT logo	Kenworth
	8130-1	4-8 NPSM	Yes	Yes	Yes	No	No	8.5"	12.0"	GT logo	Mack
	8131-1	4-8 NPSM	Yes	Yes	Yes	Yes	No	8.5"	12.0"	GT logo	Mack

Dimensions (Inches)

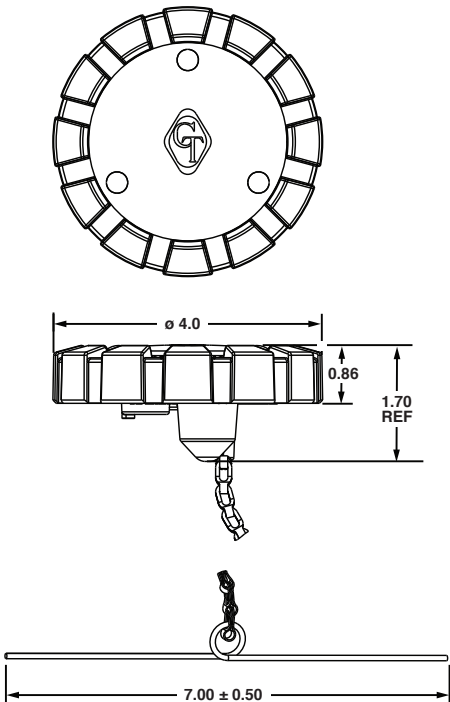
31302-1



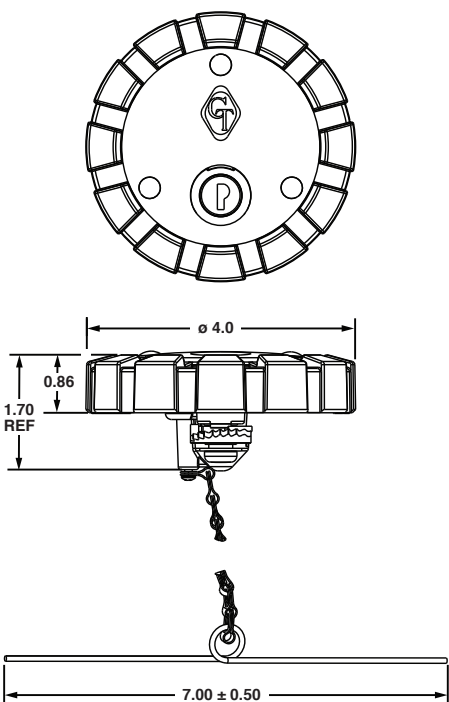
8103 and 8105



8110-1



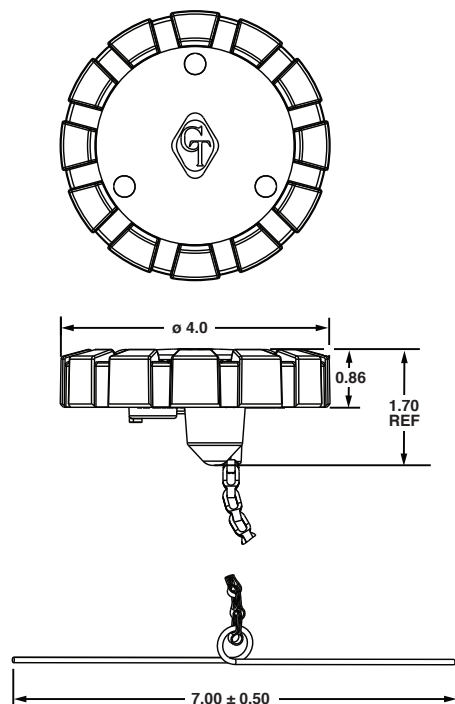
8111-1



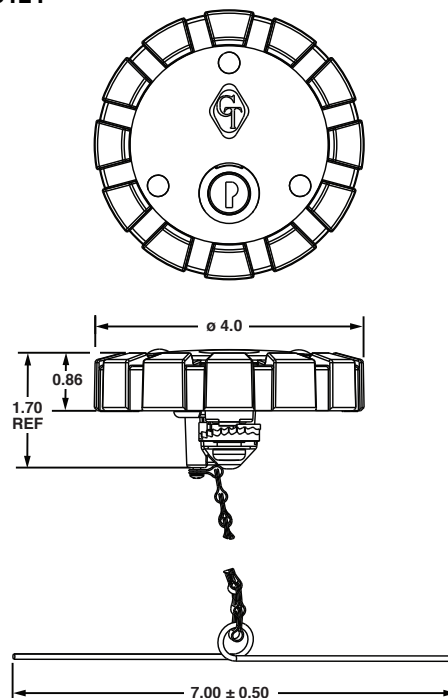
Fuel Tank Caps

Dimensions (Inches)

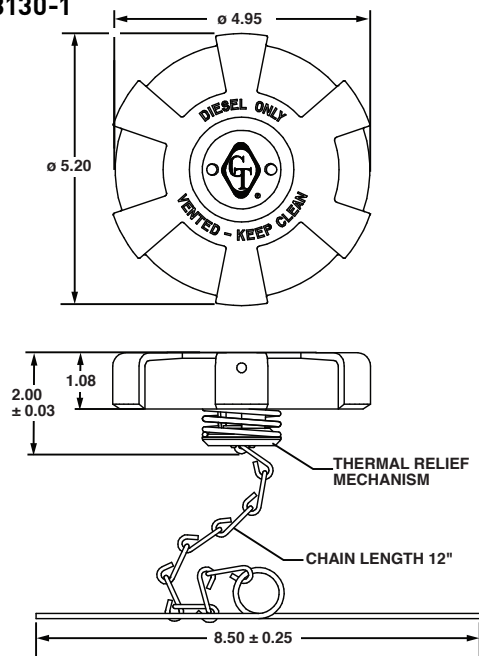
8120



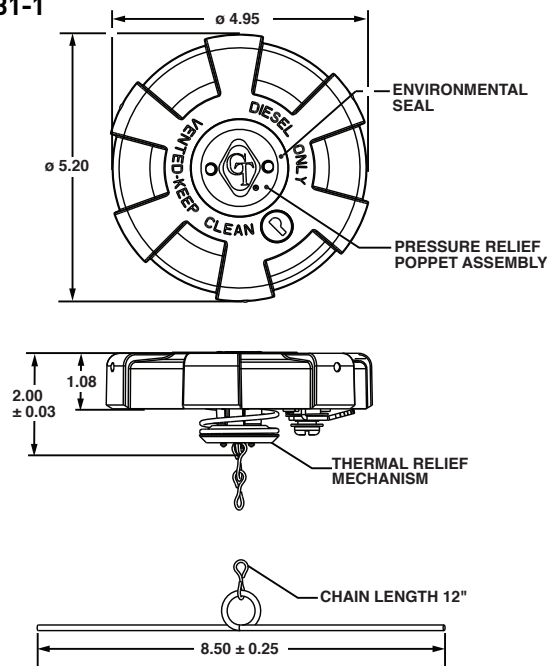
8121



8130-1



8131-1



Warning

Improper selection, misuse, age or malfunction of components used in commercial vehicle systems can cause failure in various modes. The system designer is warned to consider the failure modes of all component parts used in commercial vehicle systems and to provide adequate safeguards to prevent personal injury or damage to equipment or property in the event of such failure modes. System designers and end users are cautioned to consult instruction sheets and specifications available from the factory. The system designer/end user is responsible for verifying that all requirements for the application are met.

Warranty

The products described herein are warranted subject to seller's Standard Terms and Condition of Sale, available at seller's website.