

Model LT Electric / Manual Installation Guidelines

CAUTION - ENSURE THAT NO ELECTRICAL CURRENT IS PRESENT WHEN CONNECTING THE EXTINGUISHER TO THE POWERPACK,

Cylinder Mounting

We recommend that the extinguisher be mounted horizontally, cross wise in the vehicle, or vertically with the head up. Observe temperature limits on label. Mount so you can see the gauge and label. Tech inspectors like to verify the gauge readings and service info from the label.

Discharge Head

The Model LT extinguisher has a unique design that allows the cylinder to be positioned and then the top of the discharge head can be rotated to provide the best position for the electrical harness hook-up. To rotate the head – loosen the setscrew at the perimeter of the discharge head – rotate it to the desired position – tighten the setscrew. The head may be a little tight when rotated – this is normal. The discharge ports on the Model LT do not rotate. The extinguisher comes with 1 or 2 outlets (#4 flare fitting) installed in the head. To use the 2nd port, remove the plug to use an additional discharge line.

Electrical Harnesses, Switches and Power Pack

Run all of the electrical harnesses and wires away from battery cables or other power carrying electrical circuits. Mount the vehicle operator's activation switch (inside switch) in a location that the operator can easily reach. Mount the optional external switch in a location easily reached by someone outside the vehicle. Mount the power pack in a location so the system arm and test switch can be easily accessible.

Wiring

Refer to the Model LT with Power Pack wiring diagram.

Discharge Line and Nozzles

Some kits are supplied with 10 ft. of ¼ inch aluminum or steel tubing. Do not crimp the tubing when routing, use a tube bender. Discharge nozzles use either a standard flare or pipe thread. Flare fitting nozzles use a standard flaring tool. The spray nozzles provide about a 120 degree circular spray pattern. Mount in the desired location to provide an unobstructed spray to the desired location. **DO NOT** use any other brand of spray nozzles with Safecraft extinguisher systems. If your kit came with blue and red nozzles, use the blue nozzle for the driver and the red nozzles for the engine and or fuel cell. Otherwise use the nozzles that came with the kit. Extinguishers with Novec 1230 extinguishing agent use the same nozzles for all locations.

Manual Release

The **Model LT Electric / Manual** can have two methods of manual override in case the electrical system fails. Both versions have a pull pin. Pulling this pin completely out of the extinguisher head will activate the extinguisher. If the remote pull cable is not used, the extinguisher should be mounted within reach of the operator for this option is to be used. The system can also use an optional pull cable. To install the pull cable we suggest a minimum 12 inch bend radius for the pull cable is highly recommended. If you use the cable as supplied, sand or file the end of the inner cable to a smooth blunt end before inserting it through the head. If you need to shorten the cable, remove the inner wire from the outer cable conduit. Install the outer cable and secure it. It can be cut with a pair of heavy wire cutters, then insure that the inner wire runs through it smoothly. Install the inner wire all the way through the conduit and let it pass through the head of the extinguisher. We suggest that the inner wire **NOT** extend out of the head more than **1/4 inch**. Ensure that the cut end is free from burrs. We suggest that you sand or file a smooth blunt end on the inner cable. If the optional pull cable is used **THE PULL PIN WITH THE RED LANYARD MUST BE REMOVED AFTER THE PULL CABLE IS INSTALLED. THE PULL CABLE WILL NOT ACTIVATE THE EXTINGUISHER WITH THE PULL PIN IN PLACE**

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Model LT5 Electric / Manual
Compact



Model LT5 Electric / Manual
Slimline



Model LT Electric / Manual
Family

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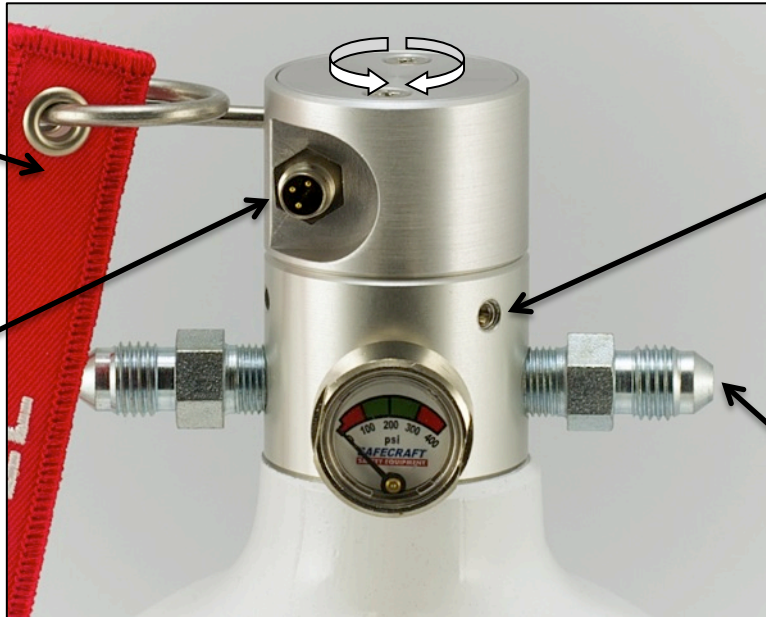
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extinguisher systems

Model LT Electric / Manual

Installation Guidelines

Model LT Electric / Manual Direct Pull Lanyard

Manual release lanyard.
Pull to activate
extinguisher in case of
electrical failure.
Applies to style that
does not use a pull
cable.



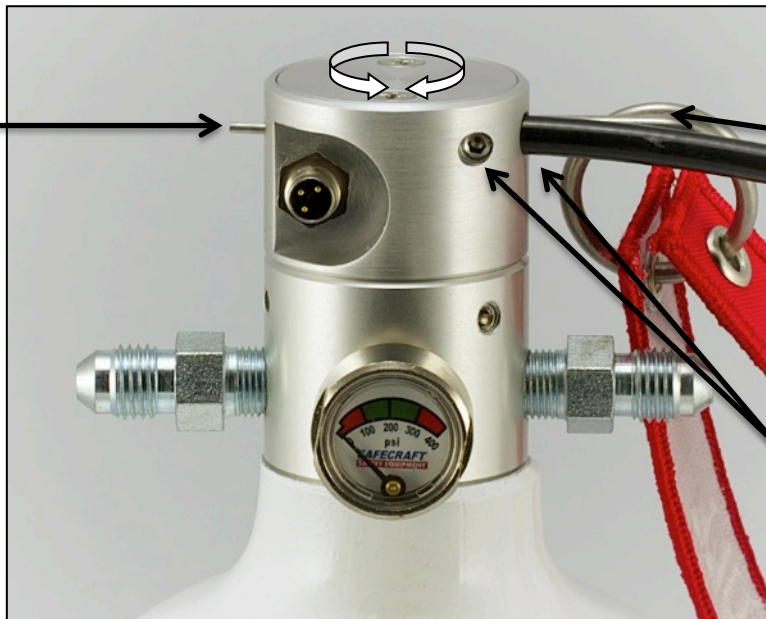
Loosen set screw to
rotate head to desired
position and tighten
set screw.
This applies to either
style head.

Electrical connector

Additional discharge
outlet. Remove plug
and install fitting.
This applies to either
style head.

Model LT Electric / Manual with Optional Pull Cable

Pull cable inner
wire out of head
1/4 Inch MAX



Remove safety pin
ONLY after pull cable is
installed.
Pin **must** be removed
for extinguisher to
activate

Outer pull cable
conduit. Push in
firmly before
torqueing screw. Do
Not over torque
screw