ThermOmegaTech®

# INSTALLATION INSTRUCTIONS
# GURU® FLAG AND CLIP & GURU® FLAG AND KEY

## DO NOT use these features if you do not plan to immediately operate the locomotive.

## FLAG AND CLIP

1. Prior to filling system with cold water, you will need the GURU® Flag and Clip tool (part numbers 04-049 or 04-052).
2. Attach magnetic base flag to outside running board of locomotive to alert all operators that the GURU® Plug freeze protection valve is de-activated.
3. Warm cartridge to over 55°F.
4. Slide the clip into the slotted penny pincher found on top of the cartridge.
5. Replace loop of lanyard in groove of cartridge.

   5a. Make sure lanyard is placed over paint mask and not between paint mask and cartridge tip

   5b. Paint mask must be cupped toward cartridge tip.
6. Push cartridge in and turn to clockwise until locked. Do not remove paint mask (cover) on cartridge.
7. Once the locomotive is running and coolant is above 55°F remove the clip to reactivate Guru® Plug.
8. Remove magnetic base flag from outside of running board of locomotive.

## FLAG AND KEY

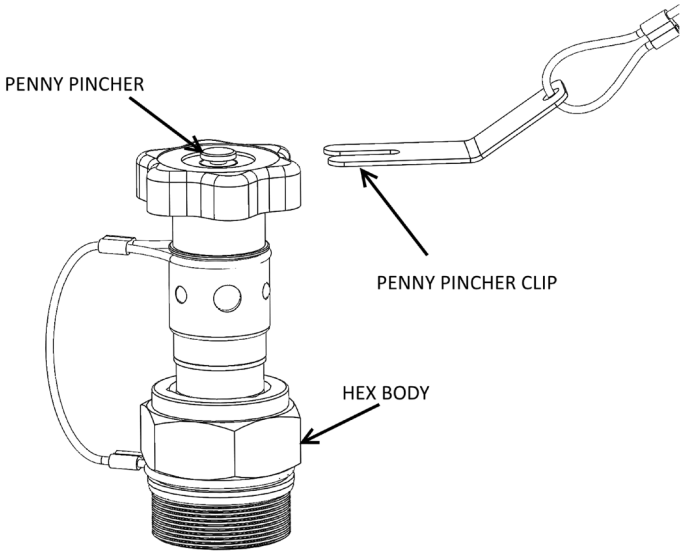
1. Prior to filling the system with cold water, you will need the GURU® Flag and Key tool (part numbers 04-065 or 04-066).
2. Attach magnetic base flag to outside running board of locomotive to alert all operators that the GURU® Plug freeze protection valve is de-activated.
3. Warm cartridge to over 55°F.
4. Determine which version of the GURU is being used. See FLAG AND KEY image on page 2. Washer is provided for **AL-X versions** of the Anti Tamper only.
5. Firmly press the button on the top of the pin.
6. Slide the pin into the hole found on top of the cartridge.
7. Release button and gently pull upwards. **NOTE:** When pulling the pin upwards use gentle and controlled force to avoid damaging the valve internals. Pin should now be locked into place and the GURU® Plug is now disabled. If you are able to pull the pin out of the cartridge, the cartridge needs to be heated to a higher temperature.
8. Replace loop of lanyard in groove of cartridge.

   7a. Make sure lanyard is placed over paint mask and not between paint mask and cartridge tip.

   7b. Paint mask must be cupped toward cartridge tip.
9. Push cartridge in and turn clockwise until locked. Do not remove paint mask (cover) on cartridge.
10. Once the locomotive is running and coolant is above 55°F remove the pin to reactivate Guru® Plug.
11. Remove magnetic base flag from outside of running board of locomotive.

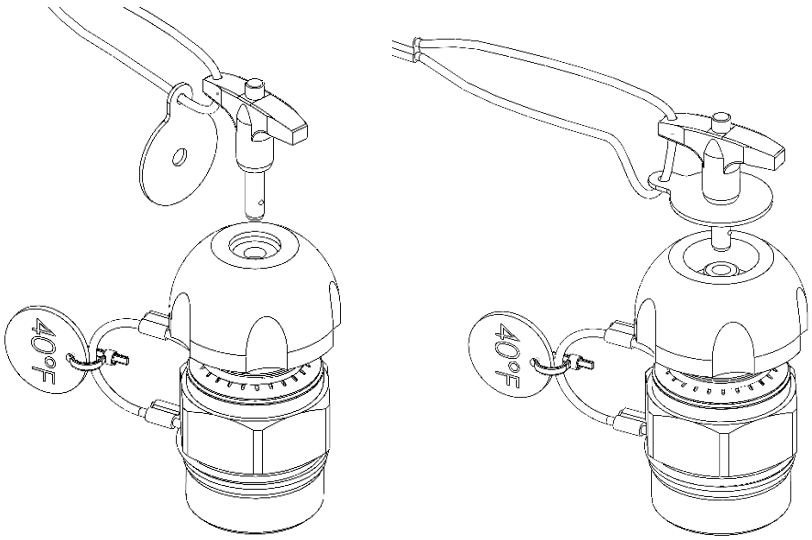
# FLAG AND CLIP (SINGLE LANYARD)




# FLAG AND KEY (3 LANYARDS)




AL-X VERSION

**Proper Use:** Use ThermOmegaTech® products only as specified to ensure performance, safety, and regulatory compliance.
**No Modifications:** Do not modify ThermOmegaTech® products, as changes may void warranties and violate regulations (e.g., RoHS, REACH).
**Proper Disposal:** Dispose of end-of-life products per local hazardous substance regulations; contact ThermOmegaTech® or recycling facilities for guidance.

⚠ WARNING: This product can expose you to chemicals, for example lead, nickel, acrylonitrile, which are known to the State of CA to cause cancer, birth defects, or reproductive harm. For more information, go to www.P65Warnings.ca.gov

Warranty information disclosed at www.thermomegatech.com/terms-conditions/

GURU-Flag_IMI
REV: 9/26/2025