



AN EXCHANGE OF TECHNICAL INFORMATION

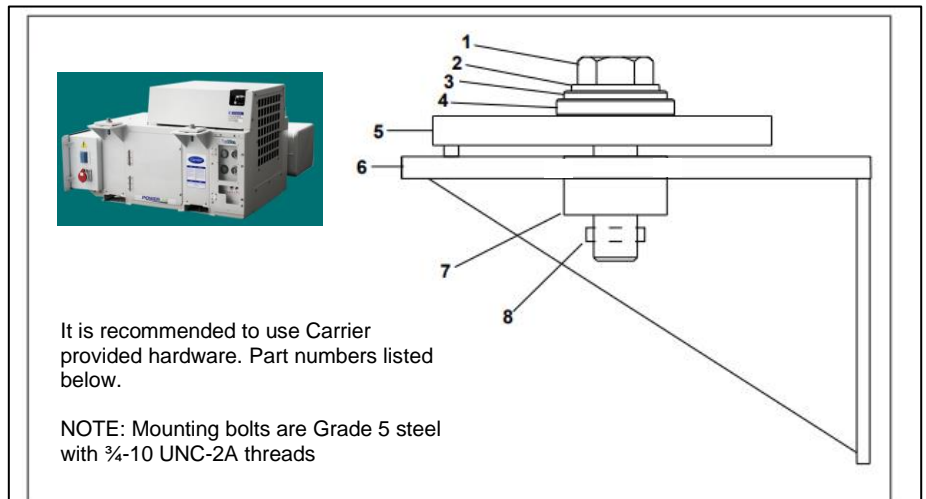
Number: TL010 - 2024

Subject: Undermount Genset (UG) Mounting Instructions

Released: September 19, 2024

This TechLINE is an update to the installation procedure when mounting the UG to the chassis.

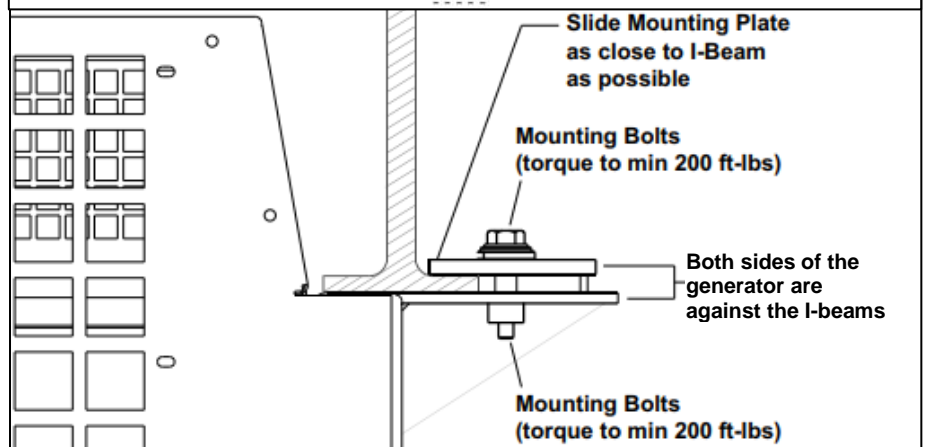
1. Inspect hardware to ensure all items are not damaged and in place.
2. Loosen the mounting bolts enough to push the mounting plates to the outermost position.
3. Place forks into the forklift pockets of the generator set.
4. Using the fork truck, center the generator set under the chassis between the rails.
5. Lift the forks up so that both sides of the generator set mounts are touching the chassis I-beam.
6. Slide the mounting plates fully onto the chassis I-beams and torque mounting bolts to a minimum of 200 ft-lbs (271 Nm), in a cross pattern. The torque range is 200 to 260 ft-lbs. (271 to 352 Nm).
7. Back the fork truck from the unit, removing the forks from the unit.
8. Perform a torque check on all four mounting bolts with the fork truck removed. Minimum of 200 ft-lbs.



It is recommended to use Carrier provided hardware. Part numbers listed below.

NOTE: Mounting bolts are Grade 5 steel with 3/4-10 UNC-2A threads

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|--|-------------------------------------|
| 1) Mounting Bolt - 34-06151-02 | 5) Mounting Plate - 68-11862-01 |
| 2) Washer, Spherical - 34-06159-50 | 6) Generator Frame - Model Specific |
| 3) Washer, Spherical, Male - 34-06158-02 | 7) Tee Nut - 34-06157-01 |
| 4) Washer, Spherical, Female - 34-06158-22 | 8) Roll Pin - 34-06026-02 |



Slide Mounting Plate as close to I-Beam as possible

Mounting Bolts (torque to min 200 ft-lbs)

Both sides of the generator are against the I-beams

Mounting Bolts (torque to min 200 ft-lbs)

NOTE: It is important to ensure the forklift is removed when checking torque on the genset. Keeping the forklift installed can cause a false torque reading due to the forks holding the unit down, possibly resulting in the unit not being properly secured to the chassis.

If the genset is removed for PM or service, it is recommended that the hardware be sprayed with a rust inhibiting lubricant prior to reinstallation. Additionally, the tool used to check torque should be periodically checked for accuracy.

Service Engineering / Container Products

Please circulate copies of this bulletin to all service and management personnel as soon as possible.
