THERMO KING

Campaign Bulletin

CB780

Date: September 17, 2025

Subject: TriPac 3 Fuel Pump Replacement

Location: e-Tech Library

Units: All TriPac 3 units built April 1, 2024, through January 9, 2025.

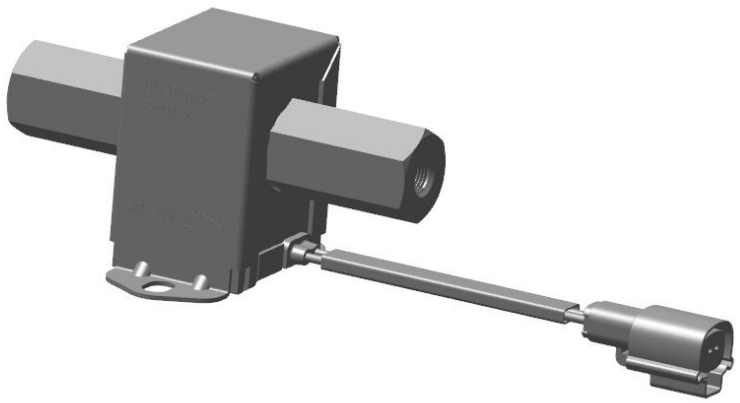
Description: Thermo King TriPac 3 APU units built between April 1, 2024 - January 9, 2025 with fuel pump part number 426469 still installed may be impacted by a fuel pump quality issue that could prevent the engine from starting. Thermo King will replace the fuel pump of impacted units at no charge to the customer. Dealers should contact the customers who own impacted units and schedule service to replace this component.

The fuel pump replacement procedure is found on pages 2-5 of this bulletin.

Labor Time: 0.7 Hours

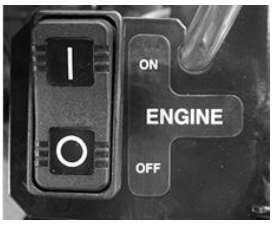
Length of Program: September 1, 2025, to October 31, 2026

Parts: Order and install one (1) fuel pump PN 047374.



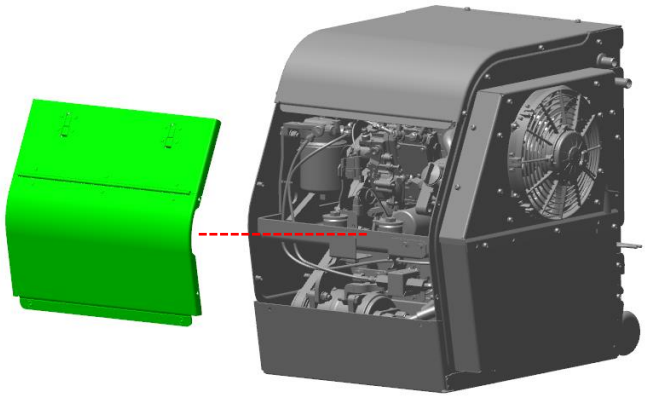
Service Procedure:

1. Turn the unit off using the HMI.



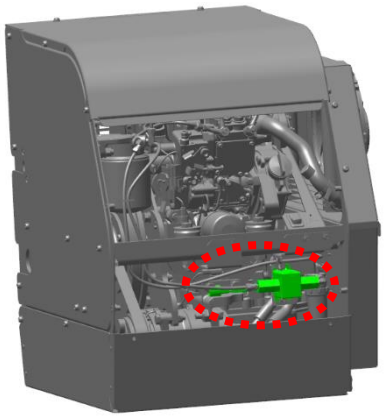
2. Open the front access door and turn the engine ON/OFF switch to the OFF position.

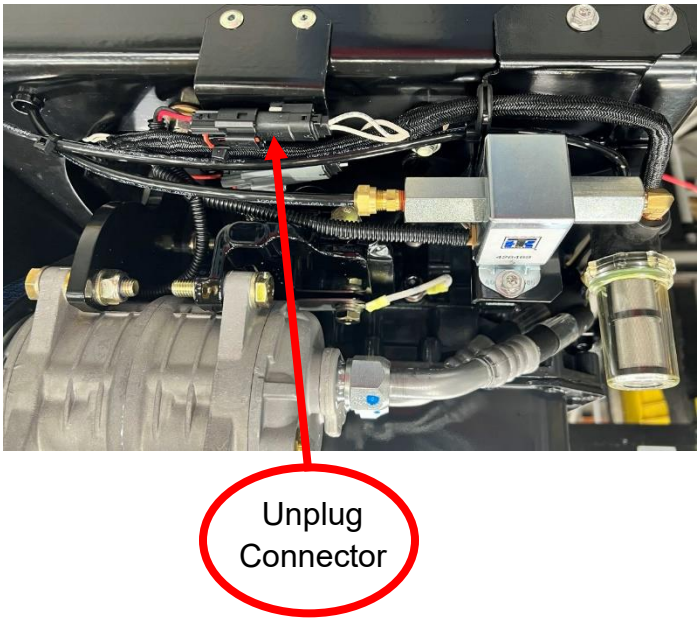
3. Disconnect battery power and all external power sources to the APU unit.
4. Remove the front access cover from the unit.



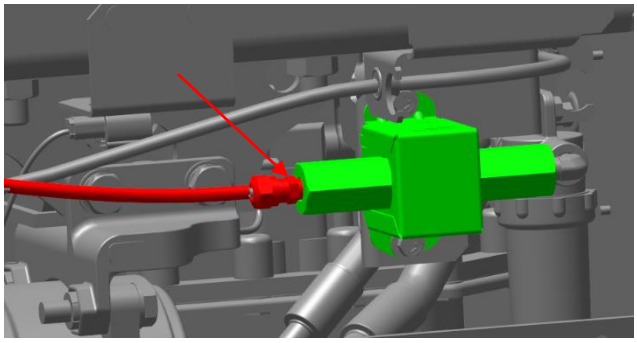
5. Identify the part number of the fuel pump installed on the unit. If the part number on the pump is 426872, 427044, or 047374, this campaign is **not needed.** Only fuel pump 426469 needs replacement.

6. Clean the fuel pump area.
7. Cut the cable tie and disconnect the fuel pump harness connection.

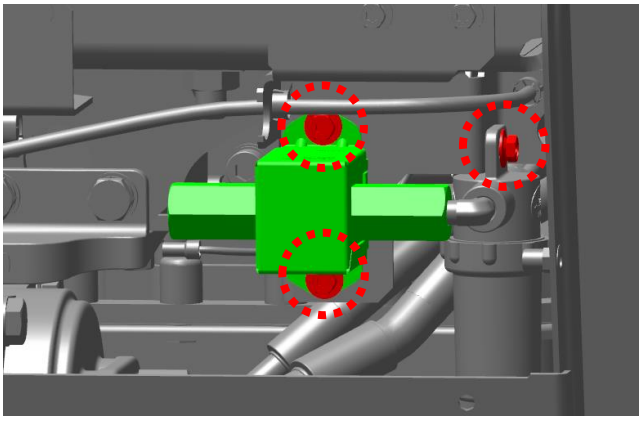




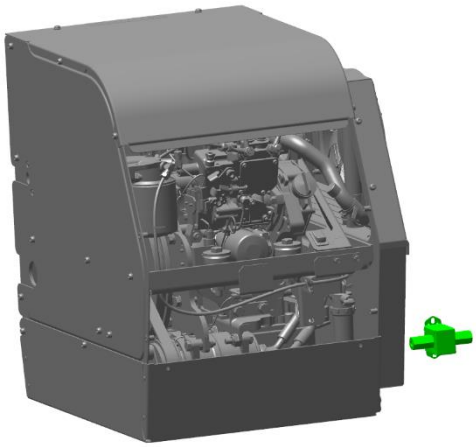
8. Remove the fuel line and fitting from the left-hand side of the fuel pump. Cap the fuel line to prevent debris contamination. Make note of fuel flow arrow on the pump.

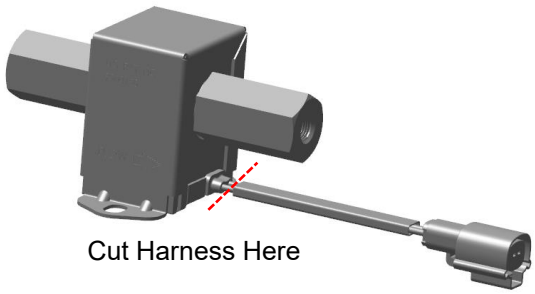


9. Remove the three (3) fasteners that secure the fuel pump and strainer to the unit.

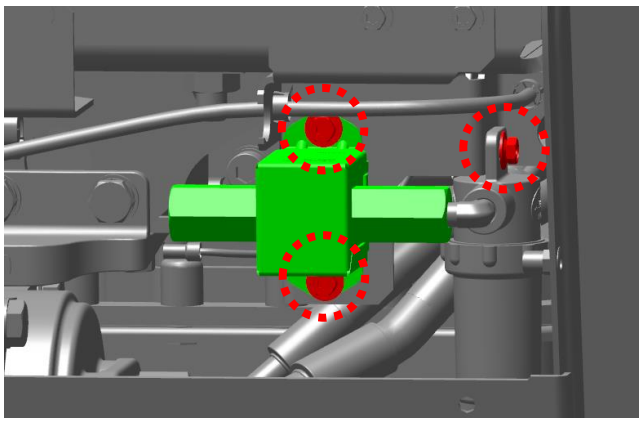


10. Pull the fuel pump and strainer slightly outwards to allow pump removal.
    IMPORTANT: DO NOT pull excessively on the assembly to prevent damage to the fuel line connected to the back the strainer.
11. Secure the 90-degree strainer fitting in position with pliers or vice-lock pliers. Unscrew the pump from the 90-degree strainer fitting.
12. Remove the fuel pump from the unit and clean any excess fuel. Cut the wire harness from the pump flush with the pump body, then dispose of the pump according to local regulations.

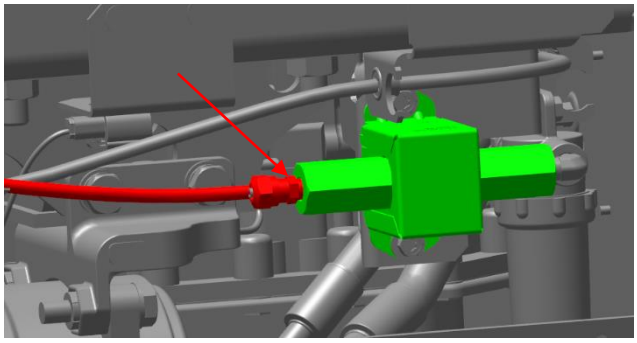




13. Clean the threads of the 90-degree fitting on the strainer. Apply thread sealing compound to the threads of the 90-degree fitting.
14. Make note of fuel flow direction arrow on the new fuel pump. The arrow must be pointing away from the strainer when installed.
15. Secure the 90-degree strainer fitting in position with pliers or vice-lock pliers. Thread the fuel pump inlet port onto the 90-degree fitting. Tighten the fuel pump 2-3 revolutions after initial finger-tight installation to ensure proper mounting orientation and prevent fuel leaks.
16. Place the fuel pump and strainer assembly into its mounting location. Install and torque the three (3) mounting fasteners to specification:
    - Two Fuel Pump Screws: **63 in-lbs (7 Nm)**
    - Single Strainer Screw: **22 in-lbs (2.5 Nm)**

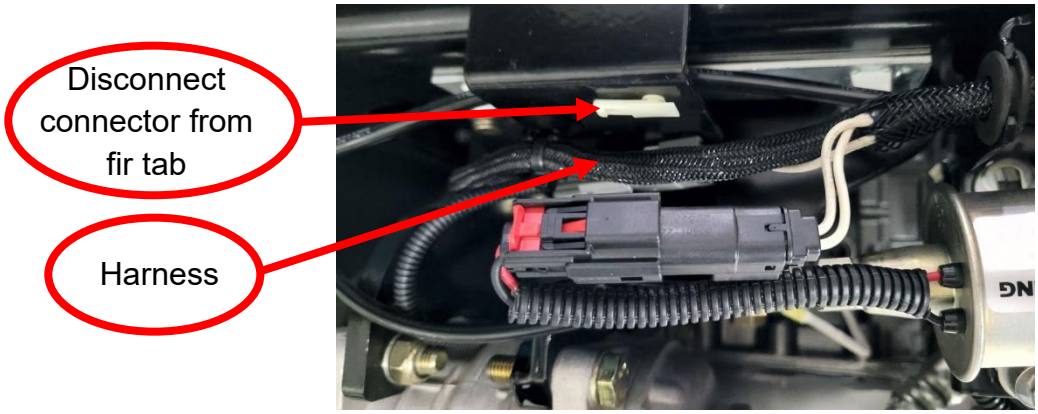


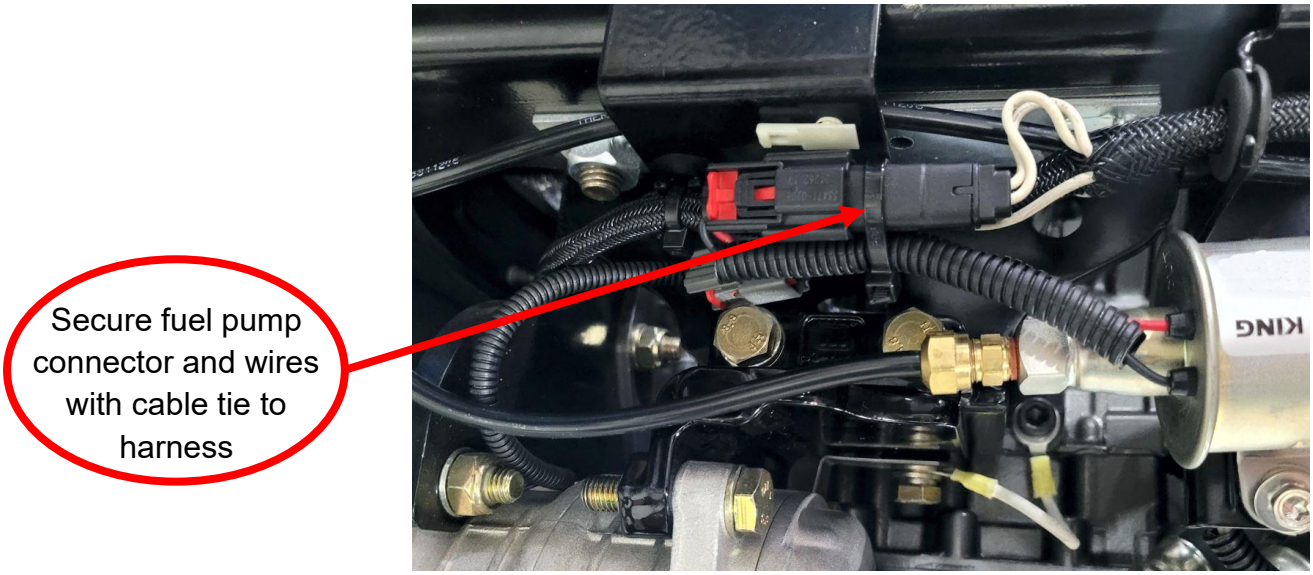
17. Attach the fuel line and fitting to the left-hand side of the fuel pump. Tighten the fitting 2-3 revolutions after initial finger-tight installation to ensure proper sealing and prevent fuel leaks.



18. Reconnect the fuel pump harness connection. Secure fuel pump connector and harness with a cable tie to harness as shown below.

    Note: The Fuel pump harness is shorter. The Connector must be removed from fir tab like shown below. Secure the fuel pump connector and harness with bandwrap.





19. Reinstall the unit front cover.
20. Restore power to the unit.
21. Turn the engine ON/OFF switch to the ON position.
22. Bleed the fuel system as shown in the TriPac 3 Installation Manual: TriPac 3 Bleeding the Fuel Lines Procedure
23. Inspect the fuel system for fuel leaks and verify proper unit operation.
24. Submit a Field Modification claim in TAVANT for this campaign, see page 6.

Filing Instructions:

1. Log in to **TAVANT**.
2. Click on "**Create Claim**" link on the home page.
3. Select claim type "**Field Modification**."
4. Select the campaign option **FM780.**
5. Enter the remaining information on page one, then click the continue button to move to page two:
    a. Repair date
    b. Work order
    c. Number of hours in service
6. The labor section will be completed automatically.
7. The parts section will be completed automatically.
8. Non-Thermo King TSA Parts section will be completed automatically.
9. Enter comments as needed; "**Condition Found**" and "**Work Performed**" for example.
10. Validate and claim information looks correct on the claim summary.

Click the "**Submit**" button to send the claim for warranty processing.