

INSTALLATION INSTRUCTIONS

SUBJECT: THERMOSTAT HOUSING FOR 2011-2025 FORD POWERSTROKE

FPE-2025-141
April, 2025
Page 1 of 3

FITMENT: 2011-2025 6.7L Power Stroke Equipped Ford F-250/350/450/550

KIT P/N: FPE-FMC-TH-1125

EST INSTALL TIME: 45 minutes

TOOLS REQUIRED: 8mm socket or wrench, flat head screwdriver

KIT CONTENTS:

Item #	Description	QTY
1	Thermostat housing	1
2	Coolant elbow O-ring	1
3	Thermostat O-ring	1



PROCEDURE:

STEP 1: Park the vehicle on a flat and level surface. Disconnect the battery terminals.

STEP 2: Locate the coolant drain near the bottom of the driver's side of the radiator. Twist the drain screw counterclockwise to drain the coolant from the system into a clean bucket or pan.

Once the coolant has drained, turn the knob clockwise to close and seal the drain.



STEP 3: Locate the coolant hose routed from the driver's side of the radiator to the thermostat housing. Using a flathead screwdriver or pliers, remove the retaining clip on the coolant elbow as shown in the secondary image at right. Disconnect the elbow and hose from the thermostat housing.



STEP 4: Remove the internally mounted O-ring from the coolant elbow removed from the thermostat housing as shown at right.



STEP 5: Lubricate the included round O-ring in your kit with fresh coolant and install it into the coolant elbow.



STEP 6: Using an 8mm socket or wrench, remove the three bolts retaining the thermostat housing. Remove the housing and discard. The bolts will be reused to install the new Fleece Performance thermostat housing.

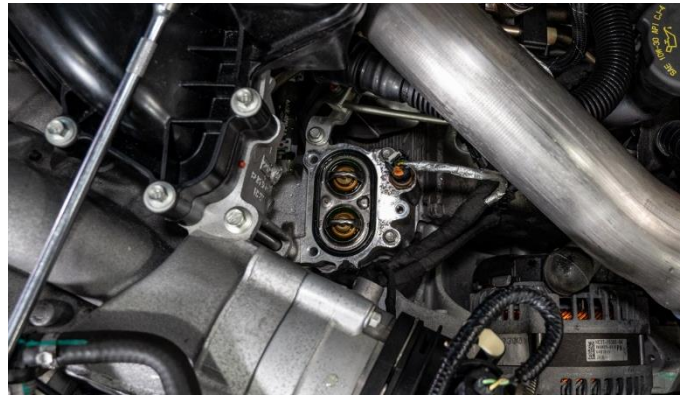


STEP 7: Remove the thermostat from the engine. Remove the rubber O-ring from the thermostat.

Note: The original thermostat will be reused unless you are replacing the thermostat at this time. If replacing, use Ford part number BC3Z-8575-E.



STEP 8: Lubricate with fresh coolant and install the included thermostat O-ring onto the thermostat removed in step 6. Install the thermostat back into the engine.



STEP 9: Lubricate the neck on the Fleece Performance thermostat housing with white lithium grease and install the housing on top of the thermostat. Using an 8mm socket or wrench, install the three bolts and torque them to 58 in-lb.



STEP 10: Install the coolant tube elbow onto the thermostat housing. Press down on the top of the elbow until the retainer clicks and locks into place.



STEP 11: Refill the coolant per manufacturer's specification. Reconnect the batteries.

STEP 12: Start the vehicle and check for leaks. Add coolant as necessary.