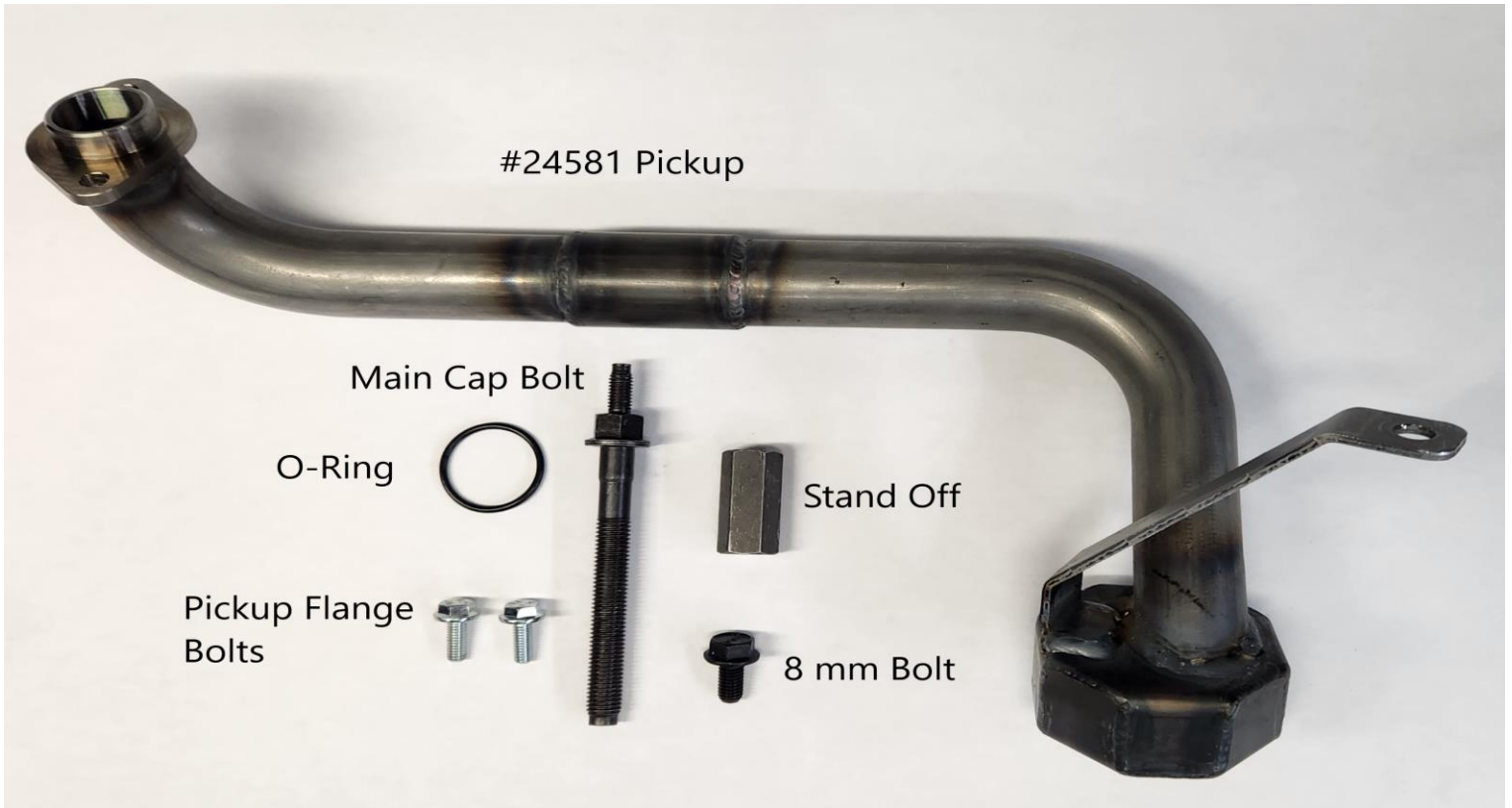




**FORD COYOTE PICK-UP
INSTALLATION INSTRUCTIONS
P/N 24580 / 24581 / 24583**

Parts List:



*****FORD FACTORY HARDWARE IS TORQUE TO YIELD AND SHOULD NEVER BE REUSED. ALL TORQUE VALUES LISTED IN THE INSTRUCTIONS BELOW ARE ACHIEVED USING MOTOR OIL ON THE THREADS PER FORD FACTORY INSTRUCTIONS.**

****Please note: the 24580 pickup only fits with Moroso oil pan P/N 20570 and 20569; 24581 pickup only fits with Moroso oil pan P/N 20571, 20572, 20575 and 20576; while the 24583 pickup only fits with Moroso oil pan P/N 20574 and 20577.**

In order to install this pickup you must have the proper gasket / tray, Moroso P/N: 22936 or Ford P/N: BR3Z-6710 A. Additionally, if you have the old style 20570 or 20574 pan, the slosh tray in the pan will have to be notched for clearance. See last 2 pages for a template.

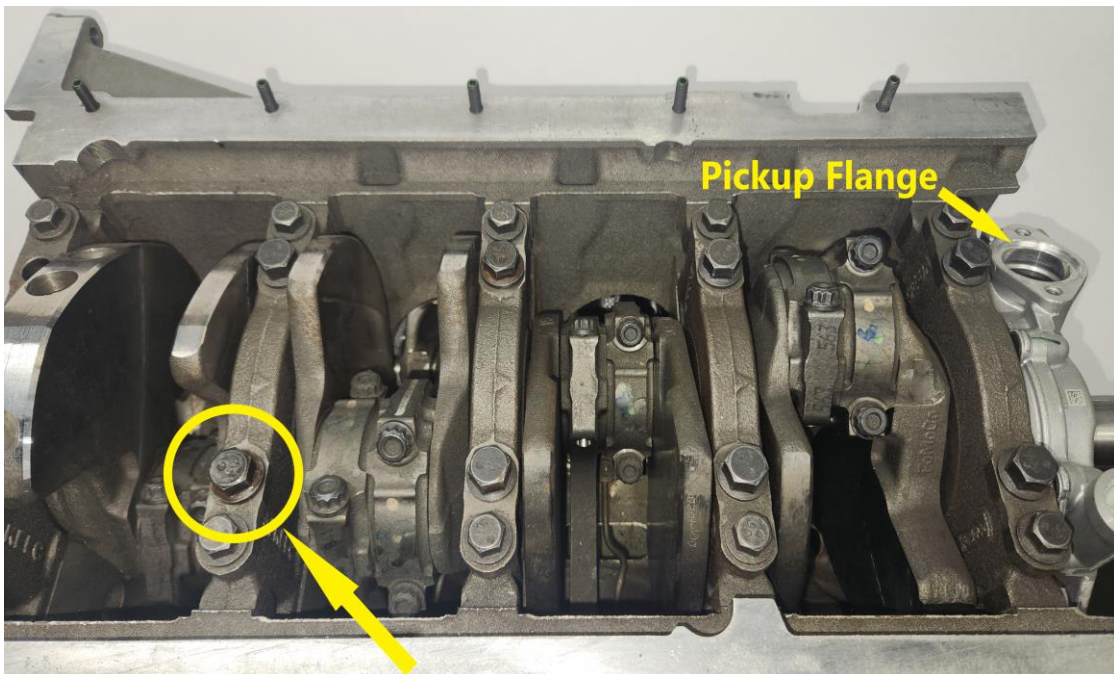
**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

MOROSO PERFORMANCE PRODUCTS, INC
80 CARTER DR • GUILFORD, CT 06437-2116
Phone: (203) 453-6571 • Fax: (203) 453-6906

Completed installation of 24581



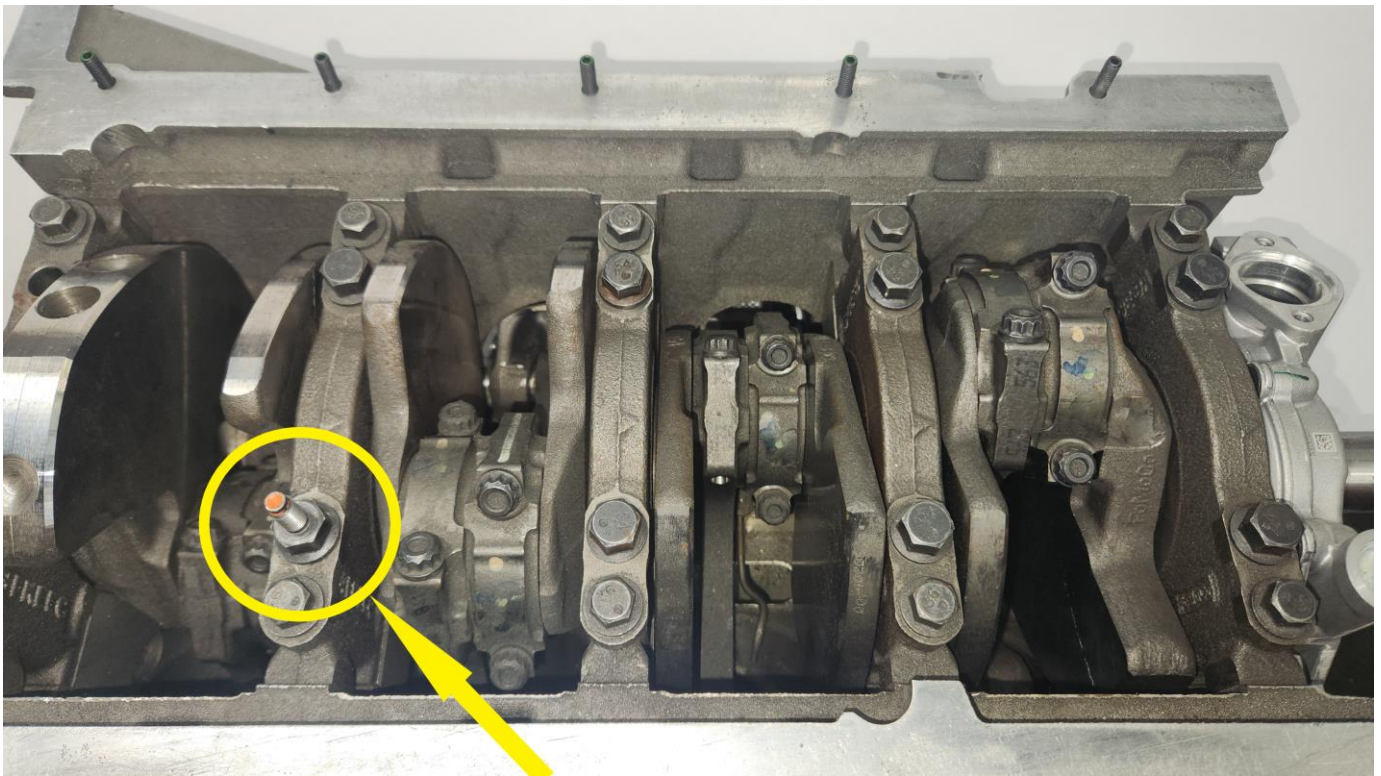
Installation Procedure



Step 1: Remove the highlighted main cap bolt.

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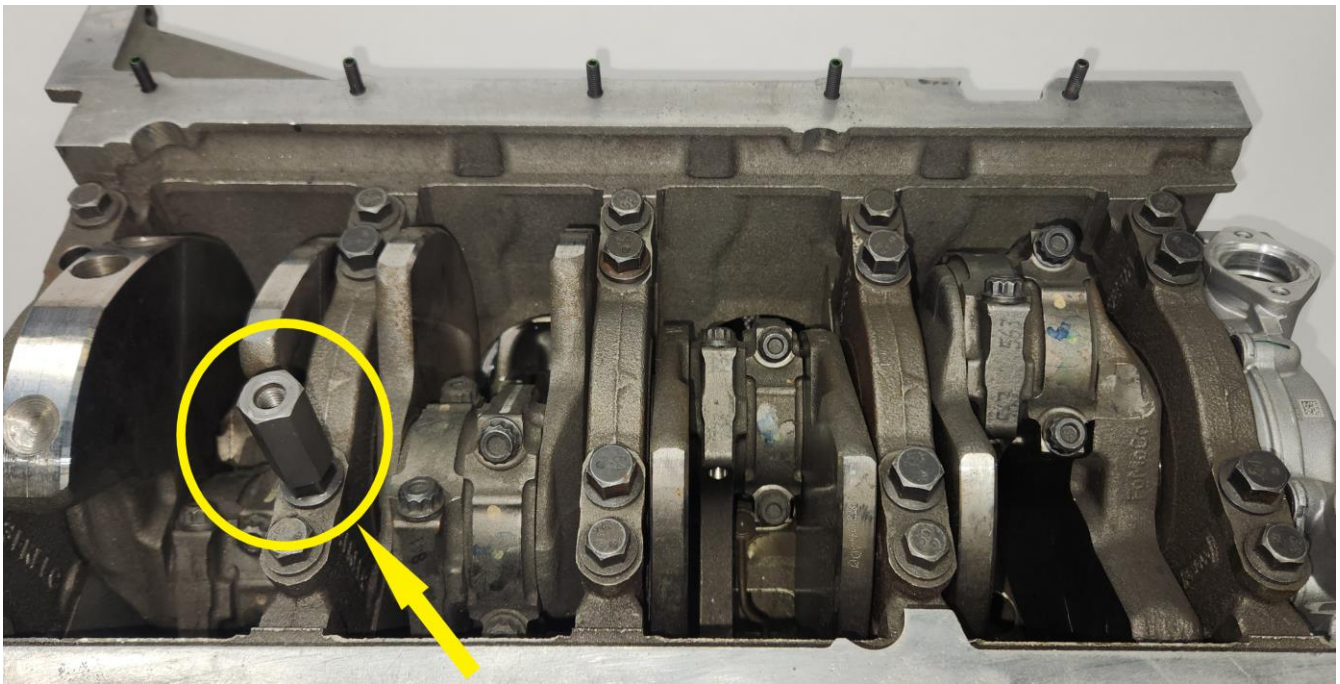
Step 2: Install the provided main cap bolt.



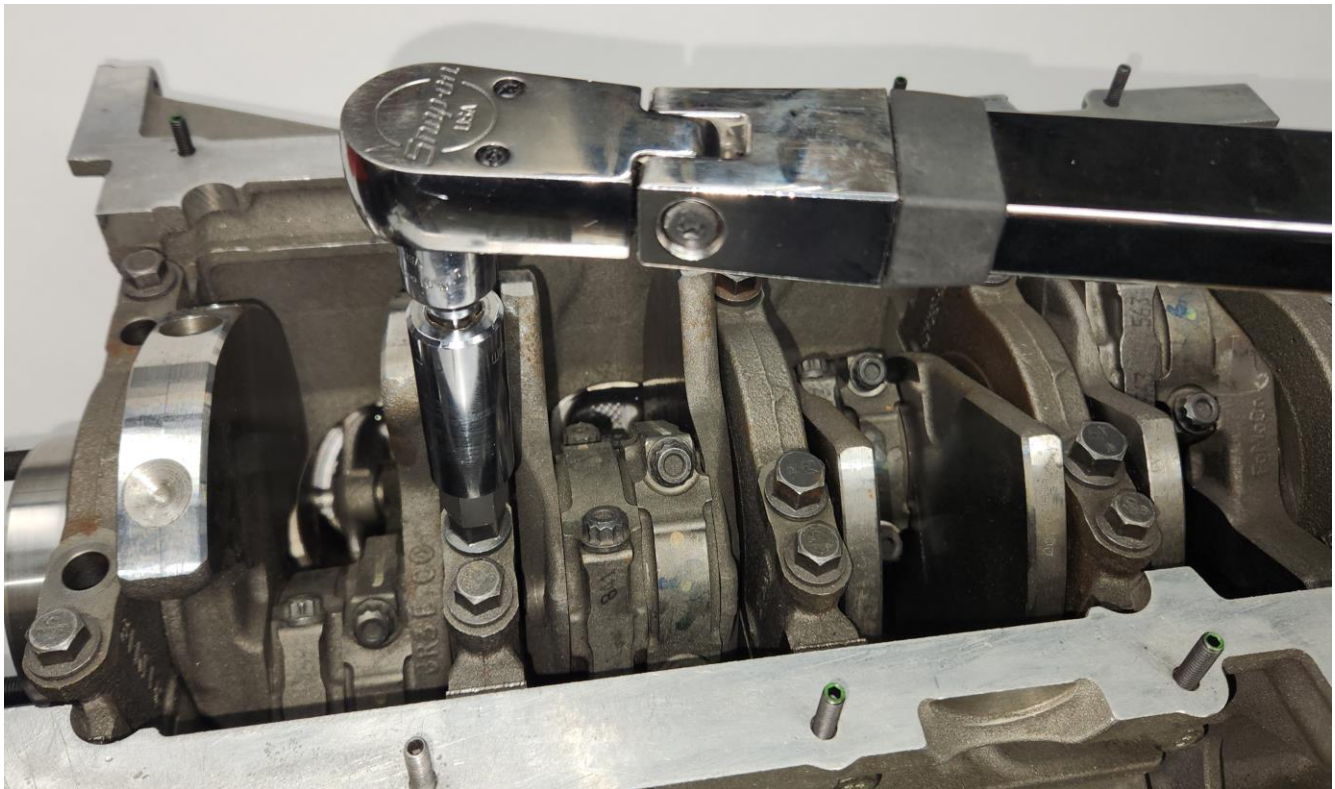
**Step 3: Torque the main cap bolt to 65 N-m for the first pass and 90° for the final pass
This fastener must be the Moroso supplied bolt for final installation**

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Step 4: Install the standoff.



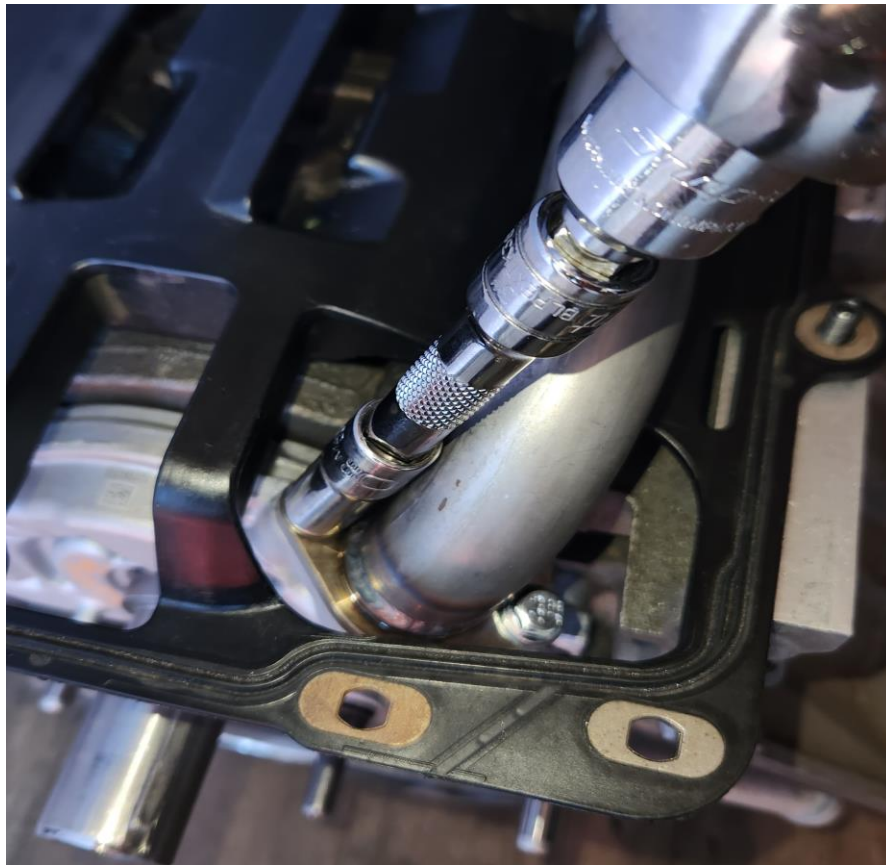
Step 5: Torque the standoff to 25 N-m

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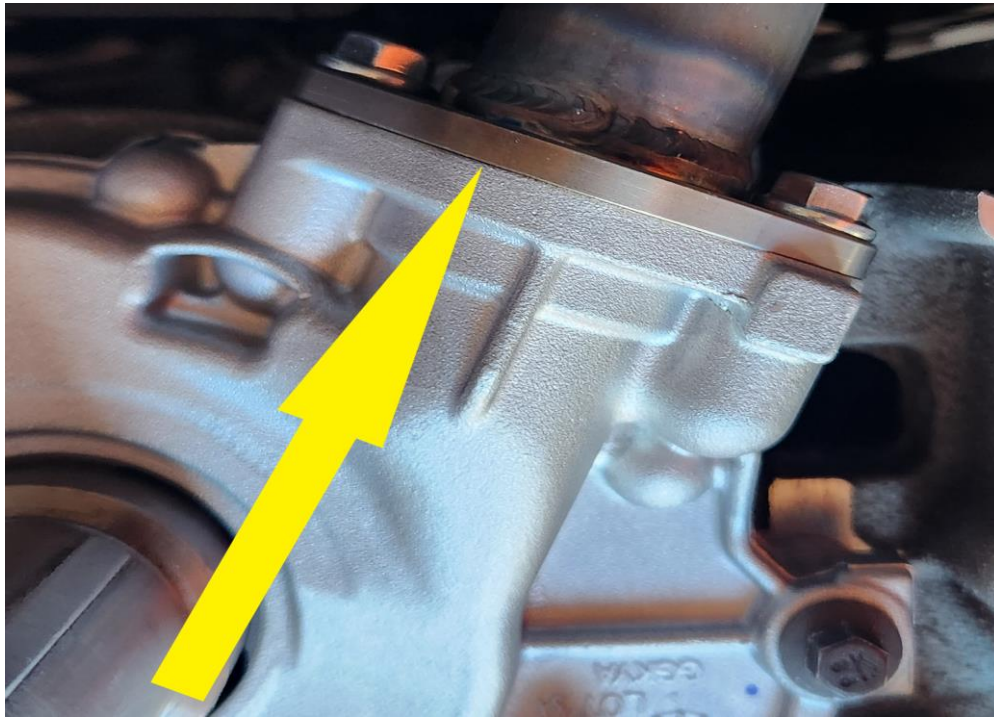
Step 6: Install the provided O-ring on the pickup and lubricate with engine oil



Step 7: Install the pickup into the pump, (you must use the Moroso supplied bolts) and torque to 16 N-m

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Step 8: Note: pickup must be fully seated in the oil pump.



Step 9: Complete installation by torquing the 8mm flange head screw to 25 N-m.

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***** Add 20570045 & 20574025 template
pdf's to this*****