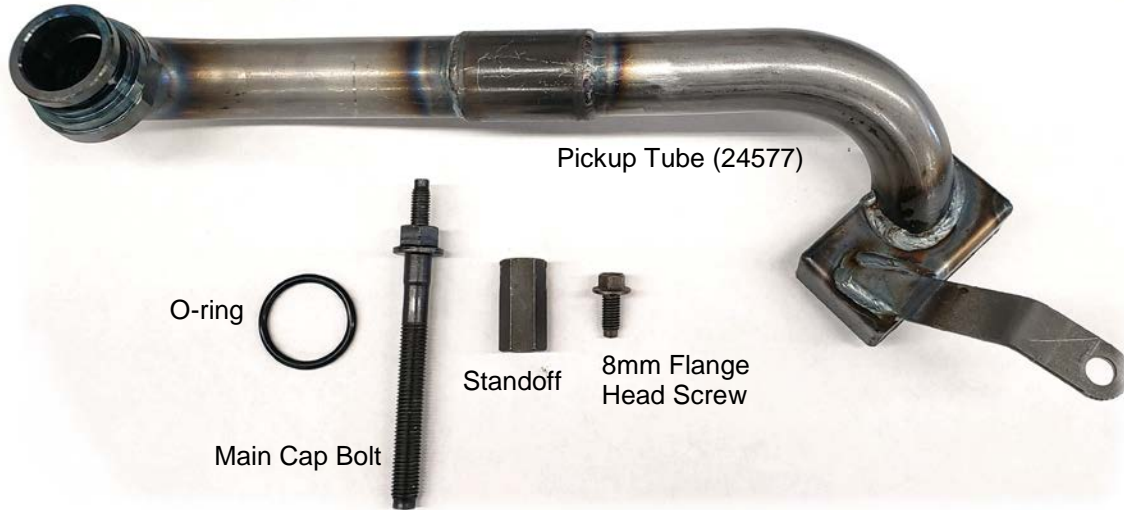




**FORD COYOTE PICK-UP
INSTALLATION INSTRUCTIONS
P/N 24577 / 24578 / 24579**

Parts List:



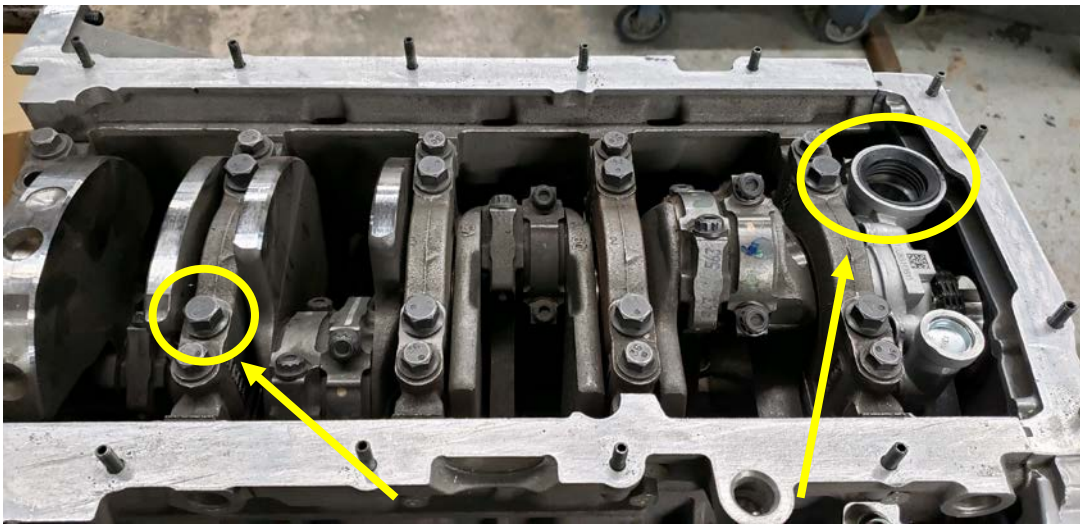
****Please note: the 24577 pickup only fits with Moroso oil pan P/N 20570 and 20569; 24578 pickup only fits with Moroso oil pan P/N 20571, 20572, 20575 and 20576; while the 24579 pickup only fits with Moroso oil pan P/N 20574 and 20577. In order to install this pickup you must have the proper gasket / 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.**

Completed installation of 24577

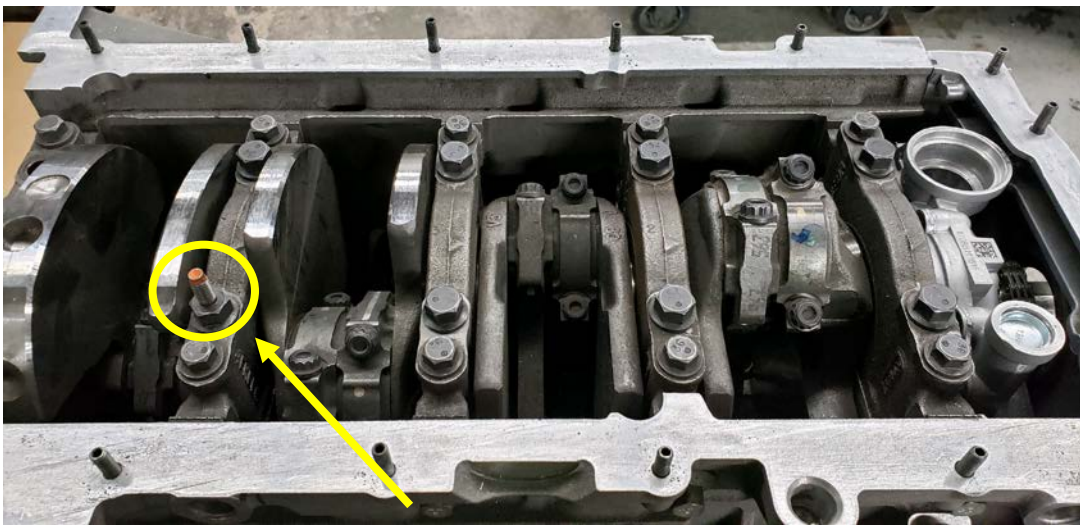


**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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



Step 1: Remove the highlighted main cap bolt, and O-ring from the pump.



Step 2: Install the provided main cap bolt.



Step 3: Tighten the main cap bolt to factory specifications.



Step 4: Install the standoff.



Step 5: Torque the standoff to 20 ft.-lbs.



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



Step 7: Install the tray on the studs, and then lift the front of the tray while simultaneously inserting the pickup into the pump.

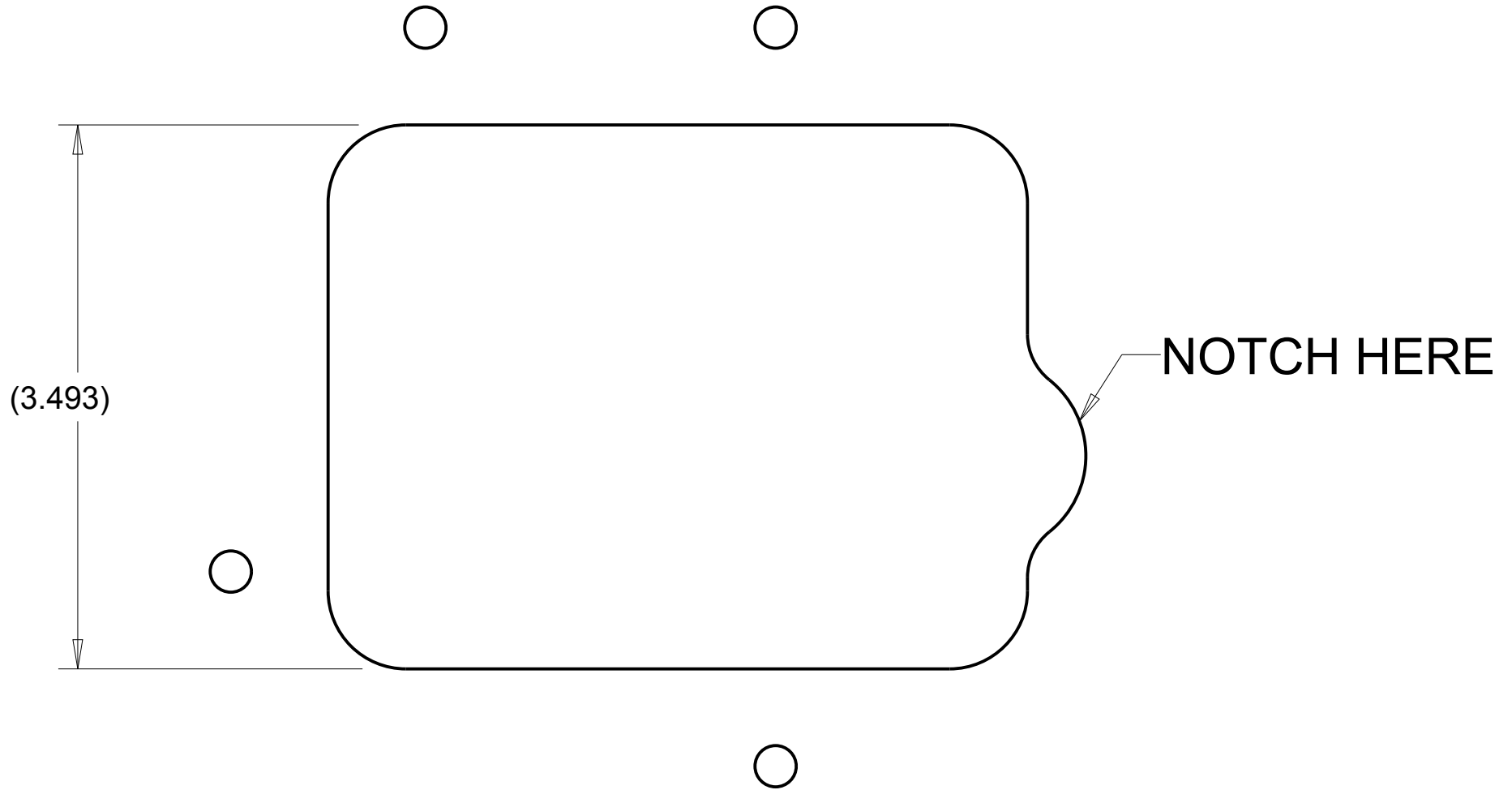


Step 8: Note: pickup must be fully seated in the oil pump.



Step 9: Fasten the pickup bracket to the standoff using the provided 8mm flange head screw. Torque to 20 ft.-lbs.

IMPORTANT: If you have an old style 20570 or 20569 oil pan tray, you must notch the tray using the template below. Failure to do so will cause interference between the pickup tube and the tray, not allowing the pan to seal properly.



IMPORTANT: If you have an old style 20574 or 20577 oil pan tray, you must notch the tray using the template below. Failure to do so will cause interference between the pickup tube and the tray, not allowing the pan to seal properly.

