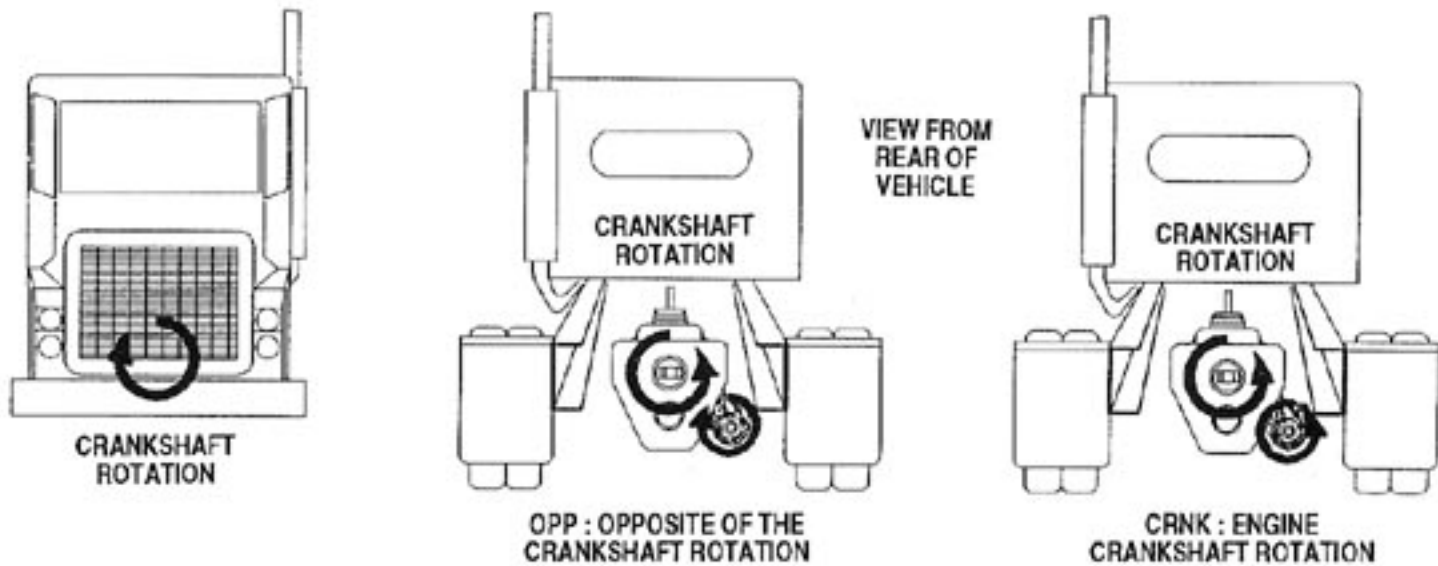


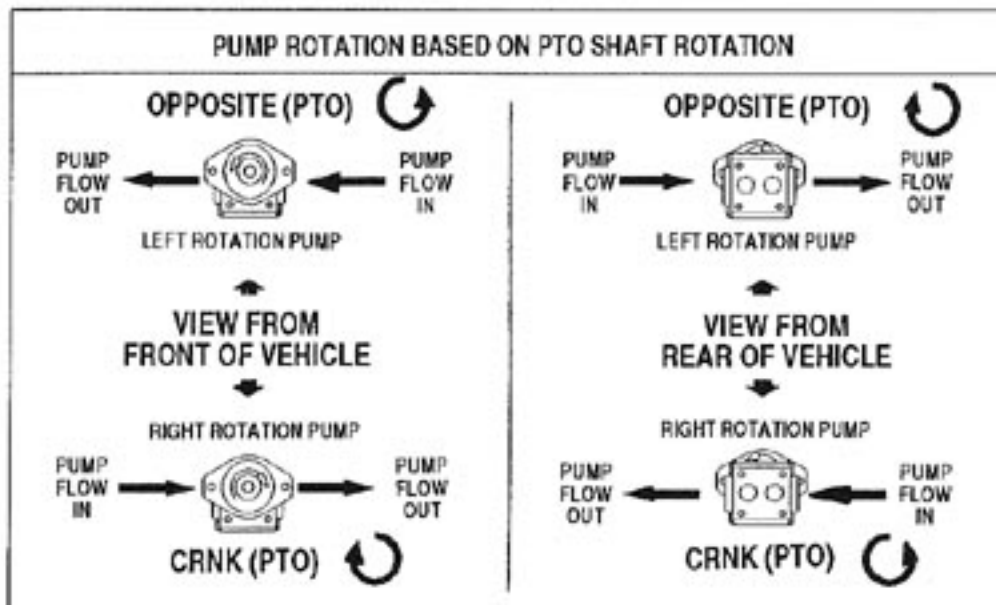


PTO SHAFT ROTATION

The PTO output shaft rotation as listed on the application page is shown as it relates to the vehicle crankshaft rotation. The rotation of the vehicle crankshaft is always clockwise when viewed from the front of the vehicle. The PTO output shaft designated as "Crnk" means that the shaft is turning the same rotation as the vehicle crankshaft. The PTO output shaft designated as "Opp" means that the shaft is turning the opposite rotation as the vehicle crankshaft. These two terms are shown in the figures below.



The rotation of the output shaft may be changed by the use of the appropriate gear adapter as shown on the previous pages. The rotation of the output shaft is important to specifying the proper driven component of the PTO. When using a gear type hydraulic pump the rotation is often designated as "right hand" or "left hand". The chart below shows which rotation hydraulic pump to use when the PTO application page designates a "Crnk" or "Opp" rotation PTO shaft. The chart also shows the proper side of the hydraulic pump for the inlet and the outlet hose connections. This is viewing the hydraulic pump with the pump's body offset down (belly down).



TO DETERMINE ROTATION

AT FRONT OF TRUCK



Engine always turns clockwise/
crank if standing at the front.



Engine drives a counter clockwise
(LH) pump if it is engine driven off
the front.

AT REAR OF TRUCK

If driving with a PTO, pointing nor-
mally toward the rear:



An opposite engine PTO drives a
LH, or counter clockwise pump.



An enginewise/crank PTO drives a
RH, or clockwise rotation pump.