

## Service Kit Instructions

### Series 90

### Charge pump design change



To improve efficiency and reliability, the number of parts in the Series 90 42cc charge pump is being reduced. The charge pump design is being changed so that the outer port plate is an integral part of the charge pump cover and distance plates are eliminated. The change was effective at the manufacturing date 94-12.

For auxiliary pad options, the new charge pump cover is rotation dependent. The cover will be marked as either left hand (L) or right hand (R). The non-auxiliary pad cover is not rotation dependent.

The charge pump gerotor set and cover can be interchanged with corresponding hardware from 92-16 and beyond. **However, piece parts are not interchangeable.** For units prior to 92-16, consult Service Bulletin SB-9208.

The old design charge pump hardware is being obsoleted and will no longer be available as service parts. Refer to the chart below to determine the replacement kit.

### The following information must be known to determine the correct charge pump replacement kit:

1. Charge pump displacement (11 or 14 cc)
2. Auxiliary pad (Yes or No)
3. Rotation (LH or RH)

Obsoleted Charge Pump Parts		Chg. pump displacement	Auxiliary pad	Rotation	Replacement Kit
Gear Set	Cover				
8052043	347599	11 cc	No	LH or RH	8510078
	347567		Yes	LH	8510079
	347567		Yes	RH	8510080
8052044	347599	14 cc	No	LH or RH	8510081
	347567		Yes	LH	8510082
	347567		Yes	RH	8510083