

Service Kit Instructions

Series 90

Charge pump design change



To improve efficiency and reliability, the number of parts in the Series 90 180 cc 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 94-06.

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 shaft also changes and must be replaced when using the new style hardware.

The complete charge assembly can be interchanged with corresponding hardware. **However, piece parts are not interchangeable.**

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 (34 or 47 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	Shaft	Cover				
503517	750141	347518	34 cc	No	LH or RH	8510091
		347526		Yes	LH	8510092
		347526		Yes	RH	8510093
750125	750141	347518	47 cc	No	LH or RH	8510094
		347526		Yes	LH	8510095
		347526		Yes	RH	8510096