883cc SPORTSTER PISTONS

General
As a running change in late 1989, 883cc pistons have offset piston pins. These pistons were implemented in production starting with crankcase number 1789156001. Offset pins are meant to reduce piston noise. The new 883cc pistons will have an arrow stamped into the top of the piston, see Figure 1. This arrow must point towards the front of the engine when the pistons are installed.

Installing the piston, backwards, will increase piston noise.

Maintenance Schedule
Except for observing piston direction during replacement and installation, all other piston service procedures remain unchanged. Service procedures relating to the piston are found in the 1986-89 XLH Service Manual Part no. 99484-89.

Ordering
The new 883cc standard and oversize pistons and ring sets are available through regular parts channels, using existing part numbers. The new pistons will fit all XLH vehicles 1986 and later.

Figure 1. Late 1989 883cc Piston