

STATIC PUMP TIMING SPECIFICATIONS

In February 1983 a change was made in the internal timing of the fuel injection pump and to the pump part numbering system. As a result of these changes, it may be necessary to change the engine static timing when installing a replacement fuel injection pump.

All fuel injection pumps built before February 1983 are marked with a seven digit (Example: 147-0453) Onan part number. Fuel injection pumps built after February 1983 are marked with a nine digit (Example: 147-0462-02) Onan part number. The Onan part number is stamped on the injection pump name plate. Engine performance is the same for both injection pumps when engine static timing is correctly set.

Find the seven or nine digit Onan part number stamped on the replacement pump and refer to Table 1 for the correct static timing specification.

Refer to *SECTION 10, FUEL SYSTEM* for complete fuel injection pump installation instructions.

TABLE 1. STATIC PUMP TIMING SPECIFICATIONS

Replacement Pump	Original Pump	Static Timing	
9 digit	7 digit	15° BTDC*	All Engine applications.
9 digit	9 digit	15° BTDC	All engine applications. No change to engine model label required.
7 digit	9 digit	14.5° BTDC*	4 cylinder (700-3600 rpm)
		15° BTDC*	6 cylinder (700-3600 rpm)
		19° BTDC*	4 and 6 cylinder (1500 and 1800 rpm)
7 digit	7 digit	Refer to engine model label for correct static timing specification.	

*Change static timing specification on engine model label.