

**GM686 Timing Chain Response to Q9**

APPROX. DATE MODIFIC. WAS INCORP. IN PROD.	DESCRIPTION OF MODIFICATION / CHANGE		REASON FOR MODIFICATION / CHANGE		PART NUMBER OF ORIGINAL COMPONENT		PART NUMBER OF MODIFIED COMPONENT		WAS ORIGINAL COMPONENT WITHDRAWN FROM PROD. AND/OR SALE AND WHEN		WHEN MODIFIED COMPONENT WAS AVAILABLE AS SERVICE COMPONENT	CAN MODIFIED COMPONENT BE INTERCHANGED WITH EARLIER PRODUCTION COMPONENTS
	EWO	DESCRIPTION OF CHANGE	DRIVER	REASON FOR CHANGE	PROD. PART #	SERVICE PART #	PROD. PART #	SERVICE PART #	REMOVED FROM PROD.	DATE		
4/22/2002 Tona-wanda 5/1/2002 Springhill	NZ759	Release full time flow oil nozzle and S-pin timing chain assembly for all L61 engines	PRTS N112642	Nozzle enhances timing chain lubrication at low speeds. S-pin timing chain enhances wear resistance.	oil nozzle 90537476 timing chain 90537338	oil nozzle 90537476 timing chain 90537338 T.chain kit 55350940	oil nozzle 12577163 timing chain 24461834 T.chain kit 12577384	oil nozzle 12577163 timing chain 24461834 T.chain kit 12577164	yes	4/22/2002 Tona-wanda 5/1/2002 Springhill	5/1/2002	yes
May-04	BKPNB	Increase size of oil feed hole to the timing chain tensioner to address cold start noise issue on LE5 engine.	Common part for LE5 and L61 engines.	Reduce part proliferation.	12578209	12577164	no change	12578218	no	n/a	part available 5/2004: stock rotation dependent	yes