

49-64 Oldsmobile Engine info

				Journal dia.		Casting numbers (Fg. = forging #)																	Remarks
Year	CID	Bore	Stroke	Main Brg	Rod	Block	Block serial numbers	Piston	Conn. Rod	Crank	Head	Intake	Exhaust	Cam	Water pump	Starter	Flywheel	Lower Bell Housing	Timing Gear and Chain	Oil Pump			
1949	303	3.75	3.4375	1-4 2.5, 5 2.625 CHECK	2.25	555614	8A1001 TO 8A193864 H Prefix=Hydramatic	556342	559360, 555645 drilled	559431	555643, 560905	556714, 557709	561270 Right 561751 Left				8611546 Hyd.,					303's and 324's have a unique oil gallery plug at the rear of the passenger side of the engine. It is accessed through a freeze plug (3/4"?) in the bell housing area. It has a small hole in the screw in gallery plug that shoots oil onto the distributor shaft and gear.	
1950	ditto	ditto	ditto	ditto	ditto	ditto	8A194001 TO 8A568689 H Prefix=Hydramatic	ditto	559361 not drilled, no oil hole in brg	ditto	ditto	ditto					8611547 Hyd., 3508082 std trans						
1951	ditto	ditto	ditto	ditto	ditto	ditto	8C1001 TO 8C287312 B Prefix=Synchro mesh	ditto	ditto	ditto		2bbl-560676, 4 bbl-559968, 561779	ditto				ditto						
1952	ditto	ditto	ditto	ditto	ditto	ditto	8R1001 TO 8R214478	561576	ditto		563372, 561370, 561655#2	ditto	ditto				ditto						
1953	ditto	ditto	ditto	ditto	ditto	ditto	R215001 TO R549482	ditto	ditto	ditto	Ditto, #3	ditto	ditto				ditto						
1954	324	3.875	ditto	1-4 2.5, 5 2.625	2.25	568922	V1001 TO V355083	ditto	567443 R Hyd		564350, #7	2bbl-564266 4 bbl-567672	563300 Right, 563296 Left				8614998						
1955		ditto	ditto	ditto	ditto	ditto	V400001 TO V983275	ditto	ditto	ditto	566185, #8	ditto	ditto				ditto						
1956		ditto	ditto	ditto	ditto	ditto	A001001 TO A385513	ditto	567443 R Hyd., 567943 O Jetaway		567321, #10		563301 Right, 567569 Left				8614998 R Hyd, 861940 O Jetaway					1956 standard shift and the 1956 base model 88 still used the older 4 speed hydro if it came as A/T car...the code for those two 1956 motors will be a "V" code...not the A	
1957	371	4	3.6875		2.75	2.25	568929, 573562, 573492, 574865-4	568814, Fg. 568815	568812 Jetaway, 568941, Fg. 568812 std trans		569137, 571870		568926 Right, 568677 Left				8618266 Hydra						
1958	ditto	ditto	ditto	ditto	ditto	ditto	B063314	ditto	ditto	ditto	569137, 571870	ditto	ditto				ditto						
1959	ditto	ditto	ditto		3	2.5	574534 ? 574864, 578135 ?, 582813 ?		575001	573307, Fg 568812 std trans, 574544, Fg 568812 auto	573305, 513350, #18		573324 Right, 573325 Left				ditto						
1959	394	4.125	3.6875	ditto	ditto	578989,			585470	573307, Fg 568812 std trans, 574544, Fg 574544 auto	ditto		ditto				ditto						
1960	371	4		ditto	ditto		578849 exc H.C., 574864 Hi Cmp		575001	573307, Fg 568812 std trans, 574544, Fg 568812 auto	ditto		ditto				ditto						
1960	394	4.125	3.6875	ditto	ditto	578989,			585470	573307, Fg 568812 std trans, 574544, Fg 574544 auto	ditto		ditto				ditto						
1961	ditto	ditto	ditto	ditto	ditto		582164 dish pist, 582165 flat pist.	ditto		577438, Fg 577440 auto or std trans remove pilot bushing	577608, #20 -non Starfire						578329 exc Starfire, 583226 Starfire						
1962	ditto	ditto	ditto	ditto	ditto		582811 .071 dish, 584943 .038 dish Starfire, 584941 .285 dish	ditto		582744, Fg 582746 auto or std trans remove pilot bushing	583832, #23			588475 Starfire			582749 Starfire Hydra						
1963	ditto	ditto	ditto	ditto	ditto		381892 lo comp, 381891 exc lo comp, 381893 Starfire	ditto	ditto	ditto				588476 Starfire and Hi Comp			587028						
1964	ditto	ditto	ditto	ditto	ditto		381892 lo comp, 381891 exc lo comp, 381893 Starfire, 585786 ?		585474	ditto	ditto				588477 Starfire and Hi Comp		383813						
							on middle pad on drivers side of block																