



Class Reference Manual — Section 7

Continental Cylinder Class Differences

Revision 15, January 21, 2009

Replaces: October 20, 2004

Cylinder Class	Engine Models	Family of Heads	Barrel Bore Size	Exh. Guide Material	Intake Seat Description	Unusual Exh. Port Studs	Spark Plug Boss	Distinguishable Characteristics
60.0	All A-65 Series	A-65	3.877	Al Bronze			S	Square or rectangular intake ports
60.1	All A-75 Series	A-65	3.877	Al Bronze			S	Square or rectangular intake ports
61.0	All C-75, C-85, C-90, C-125, C-145, O-200, O-300, & GO-300 Series	O-200	4.062	Al Bronze			S	Non-rectangular intake port vs. A-65 port
61.1	All C-75, C-85, C-90, C-125, C-145, O-200, O-300, & GO-300 Series	O-200	4.062	Ni-Resist			S	Has thermocouple boss, exhaust rotocoil, and chrome-flash valve for use with Ni-Resist guide
63.0	All GO-300 Series	GO-300	4.062	Al Bronze			S	Thread and shrink band are reversed; this class is obsolete and has been superseded by 61.0C or 61.1F
64.0	All E-165, E-185, & E-225 Series; and O-470-7's, 11, 15, & A	E Series	5.001	Ni-Resist			S	All barrel flange holes 7/16"
64.1	O-470-E & J; and IO-470-J & K	E Series	5.001	Ni-Resist			S	Same as 64.0 except barrel flange holes on exhaust side are 1/2"; only 536727 head castings
65.0	IO-346 Series	Parallel	5.251	Al Bronze			S	Parallel head with 520 barrel
66.0	All IO-360 Series (except IO-360-ES); TSIO-360-A, AB, B, BB, C, CB, D, DB, E, EB, F, EB, G, GB, H, HB, JB, KB, LB, & NB; and LTSIO-360-E, EB, & KB	360	4.4375	Ni-Resist			S	360 with barrel fins uniform in length
66.2	All IO-240 and IOF-240 Series; IO-360-ES; TSIO-360-MB, PB, RB, & SB; and LTSIO-360-RB	360	4.4375	Ni-Resist			S	360 with barrel fins tapered
67.0	O-470-4 & 13's	-13 Head	5.001	Al Bronze			S	Angle valved head with primer plug cast between head fins; all 4 rocker shaft bosses are drilled and exhaust studs form a square



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67.1	O-470-B & BCI	-13 Head	5.001	Al Bronze			S	Same as "67" except exhaust studs form an offset pattern
68.0	O-470-G, K, L, M, P, R, & S; and IO-470-C, G, P, R, & T	Angle	5.001	Ni-Resist			S	
68.3	O-470-G, K, L, M, P, R, & S; and IO-470-C, G, P, R, & T	Angle	5.001	Ni-Resist	Allison Venturi		S	
70.0	O-470-U; IO-470-D, E, F, H, L, M, N, S, U, V, & VO; LIO-470-A; and TIO-470-B, C, & D	Angle	5.001	Ni-Resist			L	
71.0	All IO-520 Series	Angle	5.251	Ni-Resist			L	Light 520 Head; new models are identical to 71.1 except for the exhaust stud configuration.
71.1	All IO-520 and TSIO-520 Series	Angle	5.251	Ni-Resist		Rosan	L	
71.2	All IO-520 and TSIO-520 Series; IO-550-A, B, & C; and IOF-550-B & C	Angle	5.251	Ni-Resist	Venturi	Rosan	L	
71.4	All IO-520 and TSIO-520 Series; IO-550-A, B, & C; and IOF-550-B & C	Angle	5.251	Ni-Resist	Allison Venturi	Rosan	L	
72.0	GTSIO-520-C, D, & H	GTSIO	5.251	Ni-Resist	Allison	Rosan	L	Intake Port boss 3/8"
72.1	GTSIO-520-C, D, & H	GTSIO	5.251	Ni-Resist	Allison	Rosan	L	Intake Port boss 3/8" and spark plug bossed built-up inside combustion chamber
73.0	TSIO-520-BE; GTSIO-520-F, K, L, M, & N; IO-550-G & IOF-550-G; and TSIO-550-A, B, C, & E	GTSIO	5.251	Ni-Resist	Allison	Rosan	L	Intake Port boss 7/16" and spark plug bosses built-up inside combustion chamber



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73.1	IO-550-N, P, & R; and IOF-550-N, P, & R	GTSIO	5.251	Ni-Resist	Allison	Rosan	L	Intake Port boss 7/16", spark plug bosses built-up inside combustion chamber, and barrel has tapered cooling fins
74.0	GTSIO-520-L, M, & N	GTSIO	5.251	Ni-Resist	Allison	Rosan	L	Similar to 73.0 except spark plugs are not built-up inside combustion chamber but countersunk on exterior
75.0	TSIO-520-AE LTSIO-520-AE	Parallel	5.251	Ni-Resist	Allison	Rosan	L	Barrel has tapered cooling fins
76.0	IO-550-D, E, F, & L; and IOF-550-D, E, F, & L	Angle	5.251	Ni-Resist	Venturi	Rosan	L	Same as 71.2 except barrel has tapered cooling fins
76.3	IO-550-D, E, F, & L; and IOF-550-D, E, F, & L	Angle	5.251	Ni-Resist	Allison Venturi	Rosan	L	Same as 71.2 except barrel has tapered cooling fins
77.0	All TSIOL-550's	Liquid	5.251	Ni-Resist	Venturi	Rosan	L	

* In Continental Classes and with the exception of classes 61.0 and 61.1, letter suffixes indicate a piston change only. Only the basic class is represented here.