

CHECK CHART

COMMON SPECIFICATIONS FOR ALL SINGLE CYLINDER "L" HEAD ENGINE MODELS

	BASIC MODEL SERIES	OIL CAPACITY Fl. Ozs.	ARMATURE AIR GAP INCHES	TORQUE SPECIFICATIONS			VALVE CLEARANCE		
				FLYWHEEL NUT FT. LBS.	CYLINDER HEAD IN. LBS.	CONN. ROD IN. LBS.	CRANKCASE COVER OR SUMP IN. LBS.	INTAKE INCHES	EXHAUST INCHES
A L U M I N U M	60000	H 21	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	80000	H 21	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	90000	H 21	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	10A900, 10B900, 10C900	V 18	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	100200, 100900	H 21 V 28	.006 - .010	60	140	100	120	.005 - .007	.007 - .009
	100700	V 18	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	110000	H 21 V 18 ▼	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	120000	V 28	.006 - .010	55	140	100	85	.005 - .007	.007 - .009
	130000	H 21 V 28	.010 - .014	60	140	100	120	.005 - .007	.009 - .011
	170000	H 44 V 36	.010 - .014	65	165	165	140	.005 - .007	.009 - .011
	190000	H 48 V 48	.010 - .014	65	165	185	140	.005 - .007	.009 - .011
	220000	H 48 V 48	.010 - .014	65	165	185	140	.005 - .007	.009 - .011
	250000	H 48 V 48	.010 - .014	65	165	185	140	.005 - .007	.009 - .011
	280000 except 286700	V 48	.010 - .014	65	165	**	140 ▲ 200 ▲	.005 - .007	.009 - .011
286700	V 48	.010 - .014	65	165	**	140 ▲ 200 ▲	.004 - .006	.009 - .011	
C A S T I R O N	230000	H 64	.010 - .014	145	190	190	90 mag 190 PTO	.007 - .009	.017 - .019
	240000	H 64	.010 - .014	145	190	190	90 mag 190 PTO	.007 - .009	.017 - .019
	300000	H 64	.010 - .014	145	190	190	90 mag 190 PTO	.007 - .009	.017 - .019
	320000	H 64	.010 - .014	145	190	190	90 mag 190 PTO	.007 - .009	.017 - .019

H for Horizontal crankshaft & V for Vertical Crankshaft

▲ See section 11, page 11, table No. 5 of 270962-6/99

** See section 9, page 8, Table No. 4 of 270962-6/99

	BASIC MODEL SERIES	STD. CYLINDER BORE INCHES	STROKE INCHES	STD. CRANKPIN JOURNAL INCHES	CRANKSHAFT				
					JOURNAL REJECT SIZES INCHES			END PLAY	
					MAGNETO	CRANKPIN	PTO	HORIZONTAL INCHES	VERTICAL INCHES
A L U M I N U M	60000	2.3740 2.3750	1.500	Not Required	0.873	0.870	0.873	.002 - .008	_
	80000	2.3740 2.3750	1.750	0.9983 0.9988	0.873	0.996	0.873	.002 - .008	_
	90000	2.5615 2.5625	1.750	0.9983 0.9988	0.873	0.996	0.873	.002 - .010	.002 - .030
	10A900, 10B900, 10C900	2.5615 2.5625	1.876	0.8731 0.8739	0.873	0.872	0.873	.002 - .030	.002 - .030
	100200, 100900	2.4990 2.5000	2.125	0.9983 0.9988	0.873	0.996	0.998	.002 - .008	.002 - .008
	100700	2.5615 2.5625	1.940	0.9983 0.9988	0.873	0.996	1.06	.002 - .030	.002 - .030
	110000	2.7802 2.7812	1.940	0.9983 0.9988	0.873	0.996	0.873	.002 - .008	.002 - .008
	120000	2.6875 2.6885	2.020	▶ .9983/.9988 ◀ 1.0983/1.0991	0.873	0.996	1.06	.002 - .030	.002 - .030
	130000	2.5615 2.5625	2.438	0.9983 0.9988	0.873	0.996	0.998	.002 - .008	.002 - .008
	170000	2.9990 3.0000	2.375	1.0920 1.0924	0.997 1.179 #	1.090	1.179	.002 - .008	.002 - .008
	190000	2.9990 3.0000	2.750	1.1239 1.1243	0.997 1.179 #	1.122	1.179	.002 - .030	.002 - .030
	220000	3.4365 3.4375	2.375	1.2489 1.2493	1.376	1.247	1.376	.002 - .030	.002 - .030
	250000	3.4365 3.4375	2.625	1.2489 1.2493	1.376	1.247	1.376	.002 - .030	.002 - .030
	280000 except 286700	3.4365 3.4375	3.062	1.2489 1.2493	1.376	1.247	1.376	.002 - .023	.002 - .023
286700	3.4365 3.4375	3.062	1.2489 1.2493	1.376	1.247	1.376	.002 - .023	.002 - .023	
C A S T I R O N	230000	2.9990 3.0000	3.250	1.1840 1.1868	1.3769	1.1844	1.3769	.002 - .008	.002 - .008
	240000	3.0615 3.0625	3.250	1.3114 1.3118	Ball	1.3094	Ball	.002 - .008	.002 - .008
	300000	3.4365 3.4375	3.250	1.3114 1.3118	Ball	1.3094	Ball	.002 - .008	.002 - .008
	320000	3.5615 3.5625	3.250	1.3114 1.3118	Ball	1.3094	Ball	.002 - .008	.002 - .008

Synchro-Balance

◀ After date code 97011200

▶ Before date code 97011300