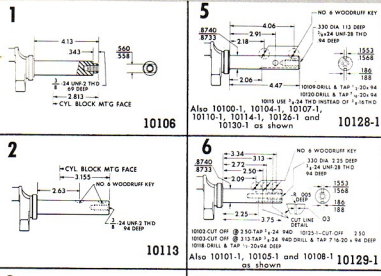
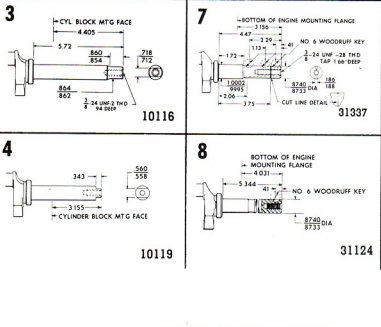
Crankshaft Dimensions and Engine Charts





ENGINE SPECIFICATIONS

Basic Model	Stock No.	H.P.	App'r Shp. Wt. Lbs.	Fuel Capacity	Type Str.	Crank Part No.	Crank Diam.	Ref. No.	Base	Special Notes
100	21415	2.5@3600	32	3 Qts.	Recoil	21100-1	5/16"	9		Sleeve Brgn.
160	21416	2.5@600	40	3 Qts.	Recoil	21106-1	3/4"	10		6:1 Gear Red.
190	21417	2.5@3600	32	3 Qts.	Recoil	21110-1	5/16"	11		Ball Brgn. PTO 1 5/16" Pilot Diam.
A2100	21418	2.25@3600	29	1 Qt.	Recoil	21110-1	5/16"	9		Sleeve Brgn.
A2100	21419	2.25@3600	29	1 Qt.	Recoil	21102-1	1/2"	12		Sleeve Brgn.
A2100	21545	2.25@3600	29	1 Qt.	Recoil	21100-1	5/16"	9		Note 1
A2160	21420	2.25@600	29	1 Qt.	Recoil	21106-1	3/4"	10		6:1 Gear Red.
A2190	21531	2.25@3600	29	1 Qt.	Recoil	21110-1	5/16"	11		Ball Bearing P.T.O.
3100	21421	3.25@3600	29	3 Qts.	Recoil	31314-1	3/4"	15		Sleeve Brgn.
3160	21422	3.25@600	40	3 Qts.	Recoil	31306-1	3/4"	13		6:1 Gear Red.
3190	21423	3.25@3600	29	3 Qts.	Recoil	31310-1	3/4"	14		Ball Brgn. PTO 1 5/16" Pilot Diam.
4100	21523	3.0@3600	29	1 Qt.	Recoil	31314-1	3/4"	15		Sleeve Brgn.
4160	21524	3.0@600	38	1 Qt.	Recoil	31306-1	3/4"	13		6:1 Gear Red.
4190	21525	3.0@3600	29	1 Qt.	Recoil	31310-1	3/4"	14		Ball Brng. PTO 1 5/16" Pilot Diam.
VS100	*21405	2.5@3600	28	1 Qt.	Recoil	10106-1	7/8"	1	8"	
VS100	*21406	2.5@3600	28	1 Qt.	Recoil	10113-1	7/8"	2	8"	
VS100	*21407	2.5@3600	28	1 Qt.	Recoil	10116-1	7/8"	3	8"	
VS100	*21408	2.5@3600	28	1 Qt.	Recoil	10119-1	7/8"	4	8"	
VS100	21409	2.5@3600	28	1 Qt.	Recoil	10128-1	7/8"	5	8"	Special Universal Crank
VS100	21410	2.5@3600	28	1 Qt.	Recoil	10129-1	7/8"	6	8"	Special Universal Crank
VS2100	21411	2.25	26	1 Qt.	Recoil	10128-1	7/8"	5	8"	Special Universal Crank
VS3100	21412	3.25	28	1 Qt.	Recoil	31337	7/8"	7	8"	Special Universal Crank
VS3100	21535	3.25	28	1 Qt.	Impulse	31337	7/8"	7	8"	
AVS3100	21413	3.25	30	1 Qt.	Recoil	31124	7/8"	8	8"	Aux. P.T.O.
VS4100	21414	3.0	26	1 Qt.	Recoil	31337	7/8"	7	8"	Special Universal Crank

*These models no longer listed in engine price list. Do not order from factory. They are being listed for field stock purposes only.

NOTE 1 — Engines specifically equipped for small car, fun kart application. Includes rubber boot w/clip on high tension lead, remote shorting terminal, low tone muffler, remote throttle linkage.

SUGGESTED APPLICATIONS

	100	160	190	A2100	A2160	3100	3160	3190	4100	4160	4190
Midget Cars			X					X			X
Generators			X					X			X
Sprayers	X		X	X	X	X		X	X		X
Pumps			X	X				X			X
Garden Tractor and Tiller							X	X		X	X
Compressors	X		X					X	X		X
Irrigation Equip.	X	X					X	X		X	X
Conveyors		X								X	
Mixers		X					X			X	

Plus hundreds of other farm, home, industrial and construction jobs.

SUGGESTED APPLICATIONS

	VS100	VS2100	VS3100	AVS3100	VS4100
Boats			X		
Garden Tillers			X		
Lawn Mowers	X	X	X	X	X

Plus hundreds of other farm, home and garden jobs.