



**CUSTOMER SERVICE
UPDATE 88/89**

www.oldgravelys.net

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How To Identify Tractors

Two-Wheel Tractors

One should look for the serial number of the tractor first. If the serial can be located, then one can determine the year from the number. Serial numbers should be found:

1916-1936:	Model D
1937-1966:	Model L until 7.6 tractors Serial number riveted on top of fan housing (L-222).
1966-1972:	7.6, C8, C10, C10A, and C12 Tractors Serial number riveted to left side of advance casting.
1972-Present:	500 and 5000 Series tractors Serial number on instrument panel.
1984-Present:	5000 Series tractors, Professional Series Identification tag showing part number of tractor was added to bolt holding handlebar onto support tube or separate bolt on instrument panel.

If one has reason to believe the serial number on the machine is not the original number or he cannot find the number:

Model D tractor (1916-1936) 2.5 h.p.

- a. Only has a single wheel in the center.

Model L tractor (1937-1955) 5 h.p.

- a. The spark plug is slanted and uses a 15/16-inch wrench to remove.
- b. The end of the camshaft is visible on the intake side of the engine. An oil seal was used to keep oil from leaking.
- c. The oil pump on rear of engine has stamped in body L-103 (5-10 psi oil pump). The inlet and outlet ports on this pump were located in the engine crankcase because the pump body was not wide enough to incorporate them in the pump. This pump is about 1/2 as wide as later oil pumps.

Model L tractors (1955-1966) 6.6 h.p.

- a. The sparkplug is slanted and uses a 15/16-inch wrench to remove.
- b. On the intake side of the engine there is a freeze plug at the end of the camshaft.
- c. The oil pump on rear of engine has stamped in body L-850. The inlet and outlet ports on this pump are cast into the body. This pump also used a gasket on each side of the pump body.
- d. Began using aluminum carburetor in early sixties.
- e. To determine an LI tractor (intermediate speed) versus another L model. The LI tractor had a bolt and nut attached on the right side axle housing. This bolt does not attach anything together. (See picture on cover of April, 1963 Model L parts list and can see bolt).

Model 7.6 (1966-1976)

- a. Changed position of spark plug to vertical instead of angled as in past. The spark plug is a standard size.
- b. The oil pump on rear of engine has stamped in body 18073. The inlet and outlet ports on this pump are in pump body. This pump used no gaskets on pump body.
- c. Began using Kohler engines in 1967. One can use engine serial number and spec. number to determine age.

Four-Wheel Tractors

One should look for the serial number of the tractor first. If the serial number can be located then one can determine the year from the number. Serial numbers should be found:

- 1964:** **Westchester**
- 1967-1971:** **400 Series**
Serial number riveted on left side of advance casting on Westchester -400 Series
- 1971-1978:** **800 Series**
Early 800 Series serial number riveted on top of engine adaptor plate. Later 800 Series serial number glued or riveted on seat pan support bracket underneath seat pan.
- 1978-1985:** **8000 Series**
Serial number is glued on instrument panel.
1984-Present identification tag showing part number of tractor was also added to seat pan support bracket.
- 1986-Present:** **8000-G Series, Professional G Series**
Serial number and identification tag on right instrument panel brace under hood.

If one has reason to believe the serial number on the machine is not the original number or he cannot find the number:

400 Series tractor (2-wheel tractor transmission)

- a. Early 400 Series had open gear steering (#11128). (1967-1970)
- b. Later 400 Series had enclosed steering box. (1970-1971)

800 Series tractor (8 speed transmission)

- a. Early 800 Series had enclosed steering box (1971-1975)
- b. Later 800 Series had rack and pinion steering (1976-1978)
- c. Early 800 Series had keyed forward and reverse clutches (18049). Transmission case was painted inside and had limited slip differential. (1971-1974)
- d. Later 800 series had splined, cam-actuated Fwd-Rev clutches (20449). Should be able to see splines on shaft that clutches slide on. (1975-1978)
- e. All 800 series tractors used a steering wheel (19448) that bolted onto the steering shaft. (1971-1978)

8000 Series tractors (8 speed transmission)

- a. All 8000 Series have rack and pinion steering. (1978-Present)
- b. Early 8000 Series had splined, cam-actuated Fwd-Rev clutches (20449). Should be able to see splines on shaft that clutches slide on. (1978-9/1/82)
- c. Later 8000 Series have a different Fwd-Rev clutching mechanism using long flat springs. The clutches themselves have an aluminum cup on the back of the clutch hub. (9/1/82-Present)
- d. All 8000 Series tractors used a steering wheel attached to the steering shaft by a taper and spline. (1978-Present)
- e. If the tractor has a long frame (4" longer than standard), then it must be 1980 or newer. However, one cannot determine the age of a short frame tractor by the frame length.
- f. Changed support in bottom of steering shaft from bearing support (21148) and spherical bearing (21147) to a one-piece zinc steering support (35064). (9/1/83-Present)

8000 G Series tractors (8 speed transmission)

- a. Redesign with changes in steering, linkages, long frame standard, tighter turning radius, and component locations (8/15/85-8/25/86)

Professional G Series Tractors (8 speed transmission)

- a. Similar to 8000G with the exception of using Kohler Magnum engines incorporating electronic ignition.
- b. Improved reverse with new axle bearing retainer and shorter clutch spring (1988).
- c. Foot-operated Forward-Reverse Control - (1989).

NOTE: The age of 400, 800, and 8000 Series tractors can also be determined by the spec. and serial number of the engine if the engine has not been changed.

Notes

Tractor Serial Number Models By Year of Manufacture

Serial Number	Year	
2465 - 2781	1939	
2782 - 4105	1940	
4106 - 6054	1941	
6055 - 7454	1942	
7455 - 9130	1943	
9131 - 11213	1944	
11214 - 13320	1945	
13521 - 18957	1946	
18958 - 27996	1947	
27997 - 38755	1948	
38756 - 48399	1949	
48400 - 56450	1950	
56451 - 66029	1951	
66030 - 75922	1952	MODEL L. 5.0 HP
75923 - 86142	1953	LOW VOLUME
86143 - 95440	1954	OIL SYSTEM
95441 - M-5565	1955	
M-5566 - M-15873	1956	
M-15874 - M-26693	1957	
M-26694 - M-36957	1958	
M-36958 - M-50080	1959	
M-50081 - M-62157	1960	
M-62158 - M-75700	1961	
M-75700 - M-90897	1962	
M-90897 - 2M4745	1963	MODEL L. 6.6 HP
2M-4745 - 2M18900	1964	HIGH VOLUME
2M18900 - 2M34215	1965	OIL SYSTEM
2M34216 - 2M51800 (J7600)	1966	MODEL 7.6
J-7600 - J-23680	1967	
J-23680 - J-35750	1968	
J-35750 - J-52820	1969	
J-52820 - J-64939	1970	
J-64940 - J-75550	1971	
J-75551 - J-87989	1972	
J-87990 - 101356	1973	
101357 - 116522	1974	
116523 - 125962	1975	

Note: "J" Serial Numbers in 1967 and 1968 include 4-Wheel Tractors.

Year	Letter of Mfg. No.	Serial Numbers Incl.
1957	A	SR-1 - SR-1663
1958	B	SR-1664 - SR-3948
1959	C	SR-3949 - SR-7364
1960	D	SR-7365 - SR-9860
1961	E	SR-9861 - SR-11,959
1962	F	SR-11,960 - SR-14,737
1963	G	SR-14,738
1964	H	WESTCHESTER

Four-Wheel

Serial Number	Year
000100A - 003848A	1969
003849A - 007522A	1970
007523A - 10877A	1971
10878A - 15044A	1972
15045A - 20480A	1973
20481A - 26289A	1974
26290A - 28838A	1975

408 Tractor

Serial Number	Year
01003 - 01845	1970
01846 - 04021	1971
04022 - 04743	1972
04743 - 05856	1973
05857 - 7224	1974
07225 - 7697	1975

In the middle of October 1975, the serial numbers were changed and started at 200,000. This system includes attachment serial numbers. This list is by calendar year, not model year.

Serial Number	Year
200000 - 205038	1975
205039 - 259008	1976
259009 - 311671	1977
311672 - 372210	1978
372211 - 407044	1979
500001 - 504958	1979
1600000 - 1612543	1979
5001100 - 5005783	1979
5006751 - 5018441	1979
504959 - 510009	1980
514751 - 520273	1980
1620000 - 1639081	1980
5000001 - 5001099	1980
5005784 - 5006750	1980
5018442 - 5037378	1980
510010 - 514750	1981
520274 - 533768	1981
5037379 - 5058284	1981
533769 - 543773	1982
5058285 - 5071795	1982
543774 - 557706	1983
800000 - 802499	2/83 TO 4/84 (MODEL 1138)
5071796 - 5087908	1983
557707 - 567265	1984
5087909 - 5108708	1984
567266 - 578484	1985
5108709 - 5126611	1985
578485 - 590274	1986
5126612 - 5147057	1986
590275 - 601531	1987
5147058 - 5165159	1987
601632 -	1988
5165160 -	1988

Note: These serial numbers are approximate. For exact year of manufacture contact the factory.

How To Identify Tractors By Engine

Kohler

Many Kohler engines have been used over the years. Please refer to our Kohler engine list to determine tractor model numbers from the engine type. From the serial number one can determine the year.

If the serial number begins with a letter followed by 6 digits, the year is determined by the letter, as per following list:

A	1965
B	1966
C	1967
D	1968
E	1969

(For example, if the serial number is E-172452 it was manufactured in 1969).

If the serial number consists of seven digits, the year is determined by the first two digits, as per following list:

10-19	1969
20-29	1970
30-39	1971
40-49	1972
50-59	1973
60-69	1974
70-72	1975
73-79	1976
80-89	1977
90-94	1978
95-99	1979

If the serial number consists of eight digits, the year is determined by the first three digits, as per following list:

100-109	1980
110-119	1981
120-129	1982
130-139	1983
140-149	1984
150-159	1985
160-169	1986
170-179	1987
180-189	1988
190-199	1989

All remaining digits are a factory code.

Briggs and Stratton

B and S engines were never used on any two-wheel tractor. Four-wheel tractor uses are:

Model 816-S	(1974-1978)
Model 8160	(1978)
Model 8161	(1978)
Model 8166	(1979)
Model 8167	(1979)
Model 8169	(1980)
Model 8162-B	(1979 and 1984)
Model 8163-B	(1979-1985)
Model 8163-G	(1986-Present)

Stamped in blower housing one will find model number, type and code number. From the code number one can determine the year. The first two digits correspond to the year of manufacture. The second two digits correspond to the month of manufacture. The third two digits correspond to the day of manufacture. The last two digits indicate which assembly line the engine was built on.

Example: 84120611

84 = 1984
 12 = December
 06 = Sixth day
 11 = Assembly line #11

Onan

Onan NB engine, single cylinder, 10-12 h.p.

NB-MS/1846 A	(10 h.p.)	Model 424	(1970-1971)
NBOMS/1847 A	(12 h.p.)	Model 430	(1970-1971)

Onan CCKA engine, twin cylinder, cast iron, 16.5 h.p.

CCKA-MS/1831 G		Model 450	(1968-1970)
CCKA-MS/1897 G		Model 450	(1968-1970)
CCKA-MS/1949 G		Model 450	(1968-1970)
CCKA-MS/2043 G		Model 450	(1968-1970)
CCKA-MS/2111 G			
CCKA-MS/2567 G		(800-8000 Series)	(1971-1981)
CCKA-MS/2813 J		816, 817, 8171,	
CCKA-MS/3110 J		8177, 8179	
CCKA-MS/3612 J			

Onan B43 engine, twin cylinder, aluminum with cast iron sleeves, 16 h.p.

B43M-GAO16/3422A		Model 816-T	(1978)
		Model 8162-T	(1979-1980)
		Model 8163-T	(1979-1980)

Onan B48 engine, twin cylinder, aluminum with cast iron sleeves, 18 h.p.

B48M-GAO18/3423A		Model 818-T	(1978)
		Model 8182-T	(1979-1980)
		Model 8183-T	(1979-1980)

Onan B48 engine, twin cylinder, aluminum with cast iron sleeves, 19.9 h.p.

B48G-GA019.9/3738B		Model 8199	(1980-1981)
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Onan P224 engine, twin cylinder, aluminum with cast iron sleeves, 24 h.p.

From the serial number one can determine the year. Serial number of Onan engines contain one letter and then 9 or 10 digits. The letter corresponds to the month the engine was produced and the next two digits correspond to the year.

A = January	D = April	G = July	J = October
B = February	E = May	H = August	K = November
C = March	F = June	I = September	L = December

Example: L845487021
 L = December
 84 = 1984

Gravely 2-Wheel Tractors By Year(s), By Model

YEAR(S)	MODEL	DESCRIPTION
1916-36	Model "D"	1-Wheel Tractor, Gravely Engine 2.5 HP
1937-55	Model "L"	2-Wheel Tractor, Gravely Engine 5.0 HP, 8 Lead Worm, Fast Speed
1955-66	Model "L"	2-Wheel Tractor, Gravely Engine 6.6 HP, 8 Lead Worm, Fast Speed
	Model "LI"	6 Lead Worm, Intermediate Speed
	Model "LS"	4 Lead Worm, Slow Speed
1963	Model "L8"	2 Speed Axle, Swiftamatic Transmission
1966-76	Model "C"	2-Wheel Tractor, Gravely Engine 7.6 HP, 8 Lead Worm, Fast Speed
	Model "CI"	6 Lead Worm, Intermediate Speed
	Model "CS"	4 Lead Worm, Slow Speed
	Model "C8"	2 Speed Axle, Swiftamatic Transmission
1976		Gravely stopped building the 7.6 HP 2-Wheel tractor
1967	Commercial 10 "C-10"	Kohler Engine, 10 HP, Fast "C-10" Speed, Starter Generator
1968	Commercial 10A "C-10A"	Kohler Engine, 10 HP, 2-Speed, Swiftamatic Transmission Alternator
1969	Commercial 12 "C-12"	Kohler Engine, 12 HP, 2-Speed Axle, Swiftamatic Transmission Alternator
1970-72	Commercial 8	Kohler Engine, 8 HP, 2 Speed Axle, Swiftamatic Transmission Alternator
1972-77	Model 520	Kohler Engine, 8 HP, Manual Start, 6 Lead Worm, Intermediate Speed
	Model 521	Kohler Engine, 8 HP, Manual Start, 4 Lead Worm, Slow Speed
	Model 522	Kohler Engine, 8 HP, Manual Start, 6 Lead Worm, Intermediate Speed
	Model 524	Kohler Engine 8 HP, Manual Start, 2 Speed Axle, Swiftamatic Transmission
	Model 526	Kohler Engine 8 HP, Electric Start, 2 Speed Axle, Swiftamatic Transmission
	Model 546	Kohler Engine, 10 HP, Electric Start, 2 Speed Axle, Swiftamatic Transmission
	Model 564	Kohler Engine, 12 HP, Manual Start, 2 Speed Axle, Swiftamatic Transmission, Remote Air Cleaner
	Model 566	Kohler Engine, 12 HP, Electric Start, 2 Speed Axle, Swiftamatic Transmission
1977-80	Model 5200	Kohler Engine, 8 HP Manual Start, 6 Lead Worm, Intermediate Speed
	Model 5210	Kohler Engine, 8 HP Manual Start, 4 Lead Worm, Slow Speed

	Model 5240	Kohler Engine, 8 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5260	Kohler Engine, 8 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5640	Kohler Engine, 12 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5660	Kohler Engine, 12 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5460	Kohler Engine, 10 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5243 Commercial	Roofer, Kohler Engine, 8 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5245 Commercial	Kohler Engine, Commercial 8 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5265 Commercial	Kohler Engine, Commercial 8 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission
1977-80	Model 5645 Commercial	Kohler Engine, Commercial 12 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5665 Commercial	Kohler Engine, Commercial 12 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission
1980-85	Model 5200 Homeowner	Kohler Engine, 8 HP, Manual Start, 6 Lead Worm, Intermediate Speed
	Model 5240 Homeowner	Kohler Engine, Homeowner 8 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5260 Homeowner	Kohler Engine, Homeowner 8 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission, 3 Amp Charging System
1980-85	Model 5645 Professional	Kohler Engine, Professional 12 HP, Manual Start, 2-Speed Axle, Swiftamatic Transmission
	Model 5665 Professional	Kohler Engine, Professional 12 HP, Electric Start, 15 Amp., 2-Speed Axle, Swiftamatic Transmission
1985	Model 5465	Kohler Engine, 10 HP, Electric Start, 2-Speed Axle, 15 Amp., Swiftamatic Transmission, Steering Brake Std.
1986-87	Model 5200	Kohler Engine, 8 HP, Recoil Start, 6 Lead Worm, Intermediate Speed, With or Without Steering Brakes Std.
	Model 5240	Kohler Engine, 8 HP, Recoil Start, 2-Speed Axle, Swiftamatic Transmission, With or Without Steering Brakes Std.
	Model 5260	Kohler Engine, 8 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission, 3 Amp Charging System, With or Without Steering Brakes Std.
	Model 5465	Kohler Engine, 10 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission, 15 Amp Charging System, With or Without Steering Brakes Std.

	Model 5645	Kohler Engine, 12 HP, Recoil Start, 2-Speed Axle, Swiftamatic Transmission, With or Without Steering Brakes Std.
	Model 5665	Kohler Engine, 12 HP, Electric Start, 2-Speed Axle, Swiftamatic Transmission, 15 Amp Charging System, With or Without Steering Brakes Std.
1987	Model 5240 Model 5260 Model 5465 Model 5645 Model 5665	Special Order 5000 Series Tractors Similar to Above Tractors Except 6 Lead Worms Final Drive Replacing 8 Lead Worm. These Tractors are Also Available With or Without Steering Brakes.
1988-89	Professional 8	Kohler K Series 8 HP "New Look" Engine Electric or Manual Start With or Without Swiftamatic Transmission, With or Without Steering Brakes.
	Professional 10	Kohler Magnum 10 HP Engine, Electric Swiftamatic Transmission, With or Without Steering Brakes.
	Professional 12	Kohler Magnum 12 HP Engine, Electric or Manual Start, Swiftamatic Transmission With or Without Steering Brakes.
	Professional 12 6 Lead	Kohler Magnum 12 HP Engine, Electric Start, Swiftamatic Transmission 6 Lead Worm Gear With or Without Steering Brakes.
	Professional 16	Kohler Magnum 16 HP Engine, Electric Start, Swiftamatic Transmission With Steering Brakes.
1989	Professional 10QS	Kohler Magnum 10 HP Engine, Electric Start, Swiftamatic, Transmission Steering Brakes, Adjustable Handle Bars
	Professional 8	Differential Lock, Kohler K Series 8 HP, "New Look" Engine, Manual Start, 2 Speed Transmission

Gravely 4-Wheel Tractors By Year(s), By Model

YEAR(S)	MODEL	DESCRIPTION
1979-80	Westchester	
1967	Model 424	Kohler Engine, 10 HP, Starter-Generator, 4-Speed Planetary Transmission
1968-71	Model 424	Kohler Engine, 10 HP, Alternator, 4-Speed Planetary Transmission
	Model 424	Onan NB Engine, 10 HP, Alternator, 4-Speed Planetary Transmission
	Model 430	Kohler Engine, 12 HP, Alternator, 4-Speed Planetary Transmission
	Model 430	Onan NB Engine, 12 HP, Alternator, 4-Speed Planetary Transmission
1969	Model 432	Kohler Engine, 14 HP, Alternator, 4-Speed Planetary Transmission
1970	Model 450	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 4-Speed Planetary Transmission, Electric Lift
1970-77	Model 408	Lawn Tractor, Kohler Engine, 8 HP, V-Belt Drive, 4-Speed Transmission
1971-76	Model 816	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 8-Speed Transmission, Hydraulic Lift
1972-78	Model 810	Kohler Engine, 10 HP, 8-Speed Transmission
	Model 812	Kohler Engine, 12 HP, 8-Speed Transmission
1972-74	Model 814	Kohler Engine, 14 HP, 8-Speed Transmission
1974-78	Model 816-S	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission
1977	Model 817	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 8-Speed Transmission, Hydraulic Lift
1978	Model 816-T	Onan Engine, 16 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
	Model 818-T	Onan Engine, 18 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
1978	Model 8120	Kohler Engine, 12 HP, 8-Speed Transmission, Manual Lift (Commercial)
	Model 8121	Kohler Engine, 12 HP, 8-Speed Transmission, Hydraulic Lift (Commercial)
1978	Model 8160	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Manual Lift (Commercial)
	Model 8161	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Hydraulic Lift (Commercial)
	Model 8171	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 8-Speed Transmission, Manual Lift (Commercial)
1979-81 (1985)	Model 8102 (Special Run)	Kohler Engine, 10 HP, 8-Speed Transmission, Manual Lift

1979-85	Model 8122	Kohler Engine, 12 HP, 8-Speed Transmission, Manual Lift
	Model 8123	Kohler Engine, 12 HP, 8-Speed Transmission, Hydraulic Lift
1979-80	Model 8162-T	Onan Engine, 16 HP, Twin Cylinder, 8-Speed Transmission, Manual Lift
	Model 8163-T	Onan Engine, 16 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
	Model 8182-T	Onan Engine, 18 HP, Twin Cylinder, 8-Speed Transmission, Manual Lift
	Model 8183-T	Onan Engine, 18 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
1979 (1984-85)	Model 8162-B (Special Run)	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Manual Lift
1979-85	Model 8163-B	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Hydraulic Lift
1979	Model 8126	Kohler Engine, 12 HP, Single Cylinder, 8-Speed Transmission, Manual Lift (Commercial)
	Model 8127	Kohler Engine, 12 HP, Single Cylinder, 8-Speed Transmission, Hydraulic Lift (Commercial)
	Model 8166	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Manual Lift (Commercial)
	Model 8167	B & S Engine, 16 HP, Single Cylinder, 8-Speed Transmission, Hydraulic Lift (Commercial)
	Model 8177	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 8-Speed Transmission Hydraulic Lift (Commercial)
1980	Model 8128	Kohler Engine, 12 HP, 8-Speed Transmission, Manual Lift, Long Frame (Commercial)
1980-81	Model 8129	Kohler Engine, 12 HP, 8-Speed Transmission, Hydraulic Lift, Long Frame (Commercial)
	Model 8169	B & S Engine, 16 HP, 8-Speed Transmission, Hydraulic Lift, Long Frame (Commercial)
	Model 8179	Onan Engine, 16.5 HP, Twin Cylinder, Cast Iron, 8-Speed Transmission, Hydraulic Lift, Long Frame (Commercial)
	Model 8199	Onan Engine, 19.9 HP, Twin Cylinder, Aluminum, 8-Speed Transmission, Hydraulic Lift, Long Frame (Commercial)
1980 (1984-85)	Model 8173-KT (Special Run)	Kohler Engine 17 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift (Consumer)
	Model 8193-KT	Kohler Engine, 19 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift (Consumer)
1981-85	Model 8179-KT	Kohler Engine, 17 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift Long Frame (Professional)
	Model 8199-KT	Kohler Engine 19 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift Long Frame (Professional)

1977	Model GMT-900	Continental Engine, 27 HP, Four Cylinder, Water Cooled 8-Speed Transmission
1977-82	Model GMT-9000	Continental Engine, 27 HP, Four Cylinder, Water Cooled 8-Speed Transmission
1983-87	Model 1138	B & S Engine, 11 HP, I.C., 6-Speed Foote Transmission, V-Belt Drive. Includes 38" 2-Spindle Mower
1986-87	Model 1132	B & S Engine, 11 HP, I.C., 6-Speed Foote Transmission, V-Belt Drive. Includes 32" Single Blade Mower
1985-86	Model 7173-H	Kohler Engine, 17 HP, Twin Cylinder, Sundstrand Hydro Transmission, Hydraulic Lift
1985	Model 8172-KT	Kohler Engine, 17 HP, Twin Cylinder, 8-Speed Transmission, Manual Lift
1986	Model 8122-G	Kohler Engine, 12 HP, 8-Speed Transmission, Manual Lift, Flip-Up Hood, Long Frame, Shorter Turning Radius
	Model 8123-G	Kohler Engine, 12 HP, 8-Speed Transmission, Hydraulic Lift, Flip-Up Hood Long Frame, Shorter Turning Radius
	Model 8163-G	B & S Engine, 16 HP, 8-Speed Transmission, Hydraulic Lift, Flip-Up Hood Long Frame, Shorter Turning Radius
	Model 8162-G (Special Run)	B&S Engine, 16 HP, 8-Speed Transmission, Manual Lift, Flip-Up Hood Long Frame, Shorter Turning Radius
	Model 8179-G	Kohler Engine, 17 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift, Flip-Up Hood, Long Frame, Shorter Turning Radius
	Model 8199-G	Kohler Engine, 19 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift Flip-Up Hood, Long Frame, Shorter Turning Radius
1988	Professional 12-G	Kohler Magnum Engine, 12 HP, 8-Speed Transmission, Hydraulic or Manual Lift
	Professional 16-G	Kohler Magnum Engine, 16 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic or Manual Lift
	Professional 18-G	Kohler Magnum Engine, 18 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
	Professional 20-G	Kohler Magnum Engine, 20 HP, Twin Cylinder, 8-Speed Transmission, Hydraulic Lift
1987-89	Professional 18-H	Kohler Magnum Engine, 18 HP, Twin Cylinder, Sunstrand Hydro Transmission, Hydraulic Lift
1988-89	1232-G	B & S 12 HP I.C. Engine, 6-Speed, Foote Transmission, 32" Cutting Deck
	1238-G	B & S 12 HP I.C. Engine, 6-Speed, Foote Transmission, 38" Cutting Deck
	1232-H	B & S 12 HP I.C. Engine, Eaton Hydrostatic Transaxle, 32" Cutting Deck
	1238-H	Kawasaki 12.5 HP Engine, Eaton Hydrostatic Transaxle, 38" Cutting Deck

- 1989 Professional Kohler Magnum Engine, 12HP, Single Cylinder, Manual or Hydraulic Lift, Foot-Operated Forward/Reverse
12-G
- Professional Kohler Magnum Engine, 16 HP, Twin Cylinder, Manual or Hydraulic Lift, Foot-Operated Forward/Reverse
16-G
- Professional Kohler Magnum Engine, 18 HP, Twin Cylinder, Hydraulic Lift, Foot -Operated Forward/Reverse
18-G
- Professional Kohler Magnum Engine, 20 HP, Twin Cylinder, Hydraulic Lift, Foot -Operated Forward/Reverse
20-G
- Professional Onan Performe Engine, 24 HP, Twin Cylinder, Hydraulic Lift, Foot-Operated Forward/Reverse, Power Steering, External PTO, Extended Frame
24-G

Notes

Notes

Product Changes 1987/88 To 1988/89

**ON ALL MODELS: There's a color change on all items painted red;
the new color will be a darker red.**

Professional Two-Wheel

- I. TRANSMISSION
 - 1. Improved material in planetary ring gears.
- II. FRAME
 - 1. New control rods and extensions.
- III. ELECTRICAL
 - 1. Improved wiring harness.
 - 2. Water-resistant ignition switch cover.
 - 3. Higher quality, waterproof fuse holder using spade-type fuses.
 - 4. New solenoid (P/N 45071).
 - 5. Higher quality ignition key.
- IV. ENGINE, FUEL, EXHAUST
 - 1. No change.
- V. NEW MODEL 10QS, Quieter unit for noise-sensitive applications.
 - 1. 10 HP Electric Start Magnum QS Kohler engine - governed at 2800 rpm.
 - 2. Swiftamatic transmission.
 - 3. Large muffler.
 - 4. Shroud around engine.
 - 5. Carburetor controls on dash with Push/Pull Choke.
 - 6. Adjustable handlebars are standard.

Professional G Series

- I. TRANSMISSION
 - 1. Improved axles (to be introduced with 24G).
- II. FRAME
 - 1. Foot-operated FWD/REV control.
 - 2. 4.9-inch taller steering column.
 - 3. New ball joints and the rods on 18-20 HP models.
 - 4. Adjustable seat standard.
 - 5. Brake pedal moved to left side of tractor.
 - 6. Battery lowered in frame.
 - 7. New seat to accept new seat switch.
 - 8. Changed FWD/REV Clutch engagement system.
- III. ELECTRICAL
 - 1. Improved wiring harness.
 - 2. Water-resistant ignition switch cover.
 - 3. Higher quality, waterproof fuse holder using spade-type fuses.
 - 4. New solenoid (P/N 45071).
 - 5. Higher quality ignition key.
 - 6. Better quality seat switch (P/N 45036).
- IV. ENGINE, FUEL AND EXHAUST
 - 1. Higher capacity air cleaners.
 - 2. Adjustable carburetors on Kohler engines 10, 12 & 16 HP.
(Single cylinder engines will be a running change in late 1988).

Professional 24G (New Model-Jan. 1989)

- I. TRANSMISSION
 - 1. 8-speed Gravely-built transmission.
 - 2. External high-capacity PTO Clutch.
 - 3. Drum-type individual wheel brakes are standard.

- II. FRAME
 - 1. New longer frame.
 - 2. Foot-operated FWD/REV control.
 - 3. Power steering is standard.
 - 4. Large 18-8.50-8 front tires.
 - 5. Large 26-12.00-12 rear tires.

- III. ENGINE
 - 1. P224 24 hp Onan Performer Series.

Pro Master18G, 20G, 20G (HS)

- I. TRANSMISSION
 - 1. Higher speed, close ratio 8 speed transmission standard on 20G (HS) (P/N 45536) .

- II. FRAME
 - 1. Steering shaft and gear improved.
 - 2. New seat to accept new seat switch.

- III. ELECTRICAL
 - 1. Improved wiring harness.
 - 2. New solenoid (P/N 45071).
 - 3. Water-resistant ignition switch.
 - 4. Higher quality ignition key.
 - 5. Better quality seat switch (P/N 45036).

- IV. ENGINE, FUEL AND EXHAUST
 - 1. Higher capacity air cleaner.

- V. SHIPPING
 - 1. Units to be pre-assembled.

Pro Master 16G (Formerly ProMaster-50)

- I. TRANSMISSION
 - 1. Improved material in planetary ring gears .
- II. FRAME
 - 1. Adjustable FWD/REV lever (running change Mid-88).
 - 2. FWD/REV actuating lever changed to use two-wheel actuating lever. (Running change Mid-88).
 - 3. New seat to accept new seat switch.
- III. ELECTRICAL
 - 1. Improved wiring harness.
 - 2. Higher quality, waterproof fuse holder using spade-type fuses.
 - 3. New solenoid (P/N 45071).
 - 4. Water-resistant ignition switch with higher quality key.
 - 5. Better quality seat switch (P/N 45036).
- IV. ENGINE, FUEL AND EXHAUST
 - 1. Engine changed to Magnum 16 from Two-Wheel Line. (Running change Mid-88).
 - 2. New carburetor controls and controls relocated to steering column. (Running change Mid-88).
- V. SHIPPING
 - 1. Units to be pre-assembled.

Pro Master 18H (New Model - Jan. 1989)

- I. TRANSMISSION
 - 1. Eaton Model 850 Hydrostatic Transaxle - includes charge pump.
- II. FRAME
 - 1. 60" Riding out-front cutter.(50" deck optional)
 - 2. Yoke Steering.
 - 3. Hydraulic Lift.
- III. Engine
 - 1. Kohler Magnum 18 vertical twin.

Pro Line

- I. TRANSMISSION
 - 1. No change.
- II. FRAME
 - 1. Changed battery hold-down. (Running change Early 1988).
- III. ELECTRICAL
 - 1. Water- resistant ignition switch cover.
 - 2. New starter solenoid for electric-start models (P/N 45071).
- IV. ENGINE, FUEL, AND EXHAUST
 - 1. 16 HP Briggs and Stratton will have 15 amp regulated charging system.

Attachments-Mowing

- I. **PROFESSIONAL TWO-WHEEL**
 - 1. 3-piece baffle for 40" & 50" 3-spindle mowers. (Late introduction).
 - 2. Rounded left rear corner for 60" deck.
 - 3. Anti-scalp roller for right rear corner for 60" deck .
 - 4. New caster wheels are wider, larger diameter, smooth tread and filled with sealant.
 - 5. Optional weight for 30" mowers when used with 10-12-16 HP tractors (P/N 45669).
 - 6. Improved hinge for discharge chute on 40"-50" decks.

- II. **PROFESSIONAL "G"**
 - 1. 3-piece baffle for 40" & 50" 3-spindle mowers. (Late introduction).
 - 2. Bolts to insure 40, 50 and 60-inch decks lift level.
 - 3. Left rear corner rounded on 60-inch deck.
 - 4. Anti-scalp roller for right rear corner on 60-inch deck.
 - 5. Improved hinge for discharge chute on 40 and 50-inch decks.
 - 6. 72-inch mower (P/N 46002) for Professional 24G only. (Jan. 1989).

- III. **PRO MASTER**
 - 1. Peerless gear box used on 60" deck (running change 1988).
 - 2. Right hand anti-scalp roller on 60" deck.
 - 3. Reinforced mower frame on 60" deck .
 - 4. Grease center spindle from top on 60" deck.
 - 5. 3-piece baffle on 50" decks. (Late introduction).
 - 6. New caster wheels are wider, larger diameter, smooth tread and filled with sealant for all mowers.

- IV. **PRO LINE**
 - 1. 3-piece baffle for 50" deck. (Late introduction).
 - 2. Anti-scalp roller for right rear corner on 60" deck.
 - 3. New caster wheels are wider, larger diameter, smooth tread and filled with sealant for all mowers. (Late introduction).
 - 4. Changed to silk-screened "GRAVELY" on mowers. (Running change in 1987).

Attachments-Grass Collection

- I. **PROFESSIONAL TWO-WHEEL**
 - 1. No change.

- II. **PROFESSIONAL "G"**
 - 1. 40/50" boot kit is quickly removable for easier cleaning (P/N 45819).
 - 2. 60" boot is hinged for quick cleaning (P/N 45581).

- III. **PRO MASTER**
 - 1. 50" boot kit is quickly removable for easier cleaning (P/N 45819).
 - 2. 60" boot is hinged for quick cleaning (P/N 45581).

- IV. **PRO LINE**
 - 1. Grass catcher adapter for 32" mower (introduction - Spring 88) P/N 45427.

Other Attachments/Accessories

I. PROFESSIONAL TWO-WHEEL

1. Light kit for snow removal applications (P/N 45880).
2. New high capacity air cleaner kit. (Late introduction).
3. Rotary plow and planter drill will be able to be pinned into a transport position. (Late introduction).
4. Pow-R-Steering is a new name for steering brakes.
5. Chipper Shredder (P/N 45938) is a new attachment. Requires Remote Switch Kit 46057.
6. 22-Gallon Sprayer (P/N 45939) is a new attachment. Requires Remote Switch Kit 46057.
7. Retro-Fit Kit (introduced 1988) is required to use old attachments on Professional Two-Wheel Tractors (P/N 44612).
8. Tractor Cover is a new accessory (P/N 45258).

II. PROFESSIONAL "G"

1. Rear PTO changed to facilitate mounting on new tractors.
2. Lifiable rear hitch cross shaft weldment changed due to foot-operated FWD/REV. (Running change).
3. Front drive kit will have stronger attachment brackets.
4. Individual Wheel Brake change for 88/89 Prof. G Tractors (P/N 45840) (Running change).
5. FWD/REV Lever Kit available to switch from foot to hand operated direction control (P/N 46044).
6. New Winter Cab for use with 1989 Professional G Tractors.

III. PRO MASTER

1. Light kit for snow removal applications. (Late introduction).
2. Tractor Cover is a new accessory (P/N 46045).

IV. PRO LINE

1. Power unit cover (P/N 45259).

V. 1200 SERIES

1. 38" Mower Idler Pulley (P/N 35957) is improved. Part number and appearance unchanged.

VI. PROFESSIONAL 18H

1. No change.

Notes

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR MOWING	PROFESSIONAL 8 2 SPD MAN. START 45433 N/A 45440 Diff Lock	PROFESSIONAL 8 4 SPD MAN. START 45434 N/A	PROFESSIONAL 8 4 SPD ELEC. START 45435 45441	PROFESSIONAL 10 4 SPD ELEC. START 45436 45442 10QS 45446 ***
30" Welded Deck 32443	Long Drive 34927 OR Short Drive 32119	Long Drive 34927 OR Short Drive 32119	Long Drive 344927 OR Short Drive 32119	Long Drive 34927 OR Short Drive 32119
30" Stamped Deck 23075	Long Drive 34927	Long Drive 34927	Long Drive 34927	Long Drive 34927
36" Multi Mode ** 41193	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
40" Commercial 37896	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612
40" 2 Blade 25120	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
32" Flail 21305	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
42" Sickle 10287	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612
40" 3 Blade 45810	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719
50" 3 Blade 45706	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power
50" Direct Mount 45742	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power
60" Front Mount 45790	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power

* First number without steering brakes; second number with steering brakes

** Cannot be used with 19 x 5 tires (P/N 32266)

***10QS must be ordered with adjustable handlebar kit (P/N 40674)

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* MOWING	PROFESSIONAL 12 4 SPD MAN. START 45438 N/A	PROFESSIONAL 12 4 SPD ELEC. START 45439 45444	PROFESSIONAL 12-6 4 SPD ELEC. START 45437 45443	PROFESSIONAL 16 4 SPD ELEC. START N/A 45445
30" Welded Deck 32443	Long Drive 34927 OR Short Drive 32119 Weight 45669***	Long Drive 34927 OR Short Drive 32119 Weight 45669***	Long Drive 34927 OR Short Drive 32119 Weight 45669***	Long Drive 34927 OR Short Drive 32119 Weight 45669***
30" Stamped Deck 23075	Long Drive 34927 Weight 45669***	Long Drive 34927 Weight 45669***	Long Drive 34927 Weight 45669***	Long Drive 34927 Weight 45669***
36" Multi Mode ** 41193	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
40" Commercial 37896	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612	Drive 44611 OR Drive 11362 Retro Fit 44612
40" 2 Blade 25120	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
32" Flail 21305	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719	Quick Hitch Pin 35719
42" Sickle 10287	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612	Drive 10281 Retro Fit 44612
40" 3 Blade 45810	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719
50" 3 Blade 45706	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719	Front Mount 40837 Quick Hitch Pin 35719
50" Direct Mount 45742	No Kit Required	No Kit Required	No Kit Required	No Kit Required
60" Front Mount 45790	Not Recommended Lack of Power	Not Recommended Lack of Power	Not Recommended Lack of Power	Quick Hitch Pin 35719 Mounting Kit 43009

* First number without steering brakes; second number with steering brakes

** Cannot be used with 19 x 5 tires (P/N 32266)

***Recommended accessory

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* GARDENING	PROFESSIONAL 8 2 SPD MAN. START 45433 N/A 45440 Diff Lock	PROFESSIONAL 8 4 SPD MAN. START 45434 N/A	PROFESSIONAL 8 4 SPD ELEC. START 45435 45441	PROFESSIONAL 10 4 SPD ELEC. START 45436 45446 10QS 45446 **
Rotary Plow 43902	No Kit Required	No Kit Required	No Kit Required	No Kit Required
Rotary Cultivator 22162	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903
Lawn Renovator 37021	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032
Toolholder 22411	No Kit Required Implements Separate	No Kit Required Implements Separate	No Kit Required Implements Separate	No Kit Required Implements Separate
Planter Drill 15597	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138
Chipper/Shredder 45938	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719
22 Gallon Sprayer 45939	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719

* First number without steering brakes; second number with steering brakes

** 10QS must be ordered with adjustable handlebar kit (P/N 40674)

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* GARDENING	PROFESSIONAL 12 4 SPD MAN. START 45438 N/A	PROFESSIONAL 12 4 SPD ELEC. START 45439 45444	PROFESSIONAL 12-6 4 SPD ELEC. START 45437 45443	PROFESSIONAL 16 4 SPD ELEC. START N/A 45445
Rotary Plow 43902	No Kit Required	No Kit Required	No Kit Required	No Kit Required
Rotary Cultivator 22162	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903	Rotary Plow 43902 OR Plow Drive 43903
Lawn Renovator 37021	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032	Rotary Cult. 22161 Rotary Plow 43902 OR Plow Drive 43903 Gauge Wheel 37032
Toolholder 22411	No Kit Required Implements Separate	No Kit Required Implements Separate	No Kit Required Implements Separate	No Kit Required Implements Separate
Planter Drill 15597	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138	Rotary Plow 22161 OR Plow Drive 23334 Blades 13450, 13138
Chipper/Shredder 45938	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719
22 Gallon Sprayer 45939	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719	Remote Switch 46057 Quick Hitch Pin 35719

* First number without steering brakes; second number with steering brakes

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* SNOW REMOVAL	PROFESSIONAL 8 2 SPD MAN. START 45433 N/A 45440 Diff Lock	PROFESSIONAL 8 4 SPD MAN. START 45434 N/A	PROFESSIONAL 8 4 SPD ELEC. START 45435 45441	PROFESSIONAL 10 4 SPD ELEC. START 45436 45442 10QS 45446 *****
32" Snowblower 40694	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950****/***** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950****/***** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950****/***** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950****/***** Cab 45257
48" Dozerblade 21466	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***
Power Brush 22118	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257

- * First number without steering brakes; second number with steering brakes
- ** Cannot be used with 19 x 5 tires (P/N 32266)
- *** Recommended Accessory
- **** Cannot be used with steering brakes
- ***** 10QS must be ordered with adjustable handlebar kit (P/N 40674)

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* SNOW REMOVAL	PROFESSIONAL 12 4 SPD MAN. START 43438 N/A	PROFESSIONAL 12 4 SPD ELEC. START 45439 45444	PROFESSIONAL 12-6 4 SPD ELEC. START 45437 45443	PROFESSIONAL 16 4 SPD ELEC. START N/A 45445
32" Snowblower 40694	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950***/**** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950***/**** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950***/**** Cab 45257	Quick Hitch Pin 35719 Chains (one) 11344*** 12125*** 14950***/**** Cab 45257
48" Dozerblade 21466	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***	Hitch 38288 Quick Hitch Pin 35719 Weight 21902*** Skid 11812***
Power Brush 22118	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257	Quick Hitch Pin 35719 Comp. Kit 19823 Cab 45257

- * First number without steering brakes; second number with steering brakes
- ** Cannot be used with 19 x 5 tires (P/N 32266)
- *** Recommended accessory
- **** Cannot be used with steering brakes

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* OTHER ATTACHMENTS	PROFESSIONAL 8 2 SPD MAN. START 45433 N/A 45440 Diff Lock	PROFESSIONAL 8 4 SPD MAN. START 45434 N/A	PROFESSIONAL 8 4 SPD ELEC. START 45435 45441	PROFESSIONAL 10 4 SPD ELEC. START 45436 45446 10QS 45446
Cart 22172	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980
Riding Sulky 43011	Trailing Hitch 11627	Trailing Hitch 11627	Trailing Hitch 11627	Trailing Hitch 11627
Steering Sulky 44173	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 20234 21220 32260
Car Pusher 43412	No Kit Required	No Kit Required	No Kit Required	No Kit Required

*First number without steering brakes; second number with steering brakes

1988/89 Professional 2-Wheel Application Chart

TWO-WHEEL TRACTOR* OTHER ATTACHMENTS	PROFESSIONAL 12 4 SPD MAN. START 45438 N/A	PROFESSIONAL 12 4 SPD ELEC. START 45439 45444	PROFESSIONAL 12-6 4 SPD ELEC. START 45437 45443	PROFESSIONAL 16 4 SPD ELEC. START N/A 45445
Cart 22172	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980	Trailing Hitch 11627 Coupler Strut 11980
Riding Sulky 43011	Trailing Hitch 11627	Trailing Hitch 11627	Trailing Hitch 11627	Trailing Hitch 11627
Steering Sulky 44173	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 23336 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 23336 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 23336 20234 21220 32260	Dual Wheel Spacers 11886 Additional Set of Tires 20233 20239 23336 20234 21220 32260
Car Pusher 43412	No Kit Required	No Kit Required	No Kit Required	No Kit Required

*First number without steering brakes; second number with steering brakes

1988/89 Professional G Application Chart

FOUR-WHEEL TRACTOR* MOWING	PROFESSIONAL 12G 45538 45539	PROFESSIONAL 16G 45540 45541	PROFESSIONAL 18G N/A 45542	PROFESSIONAL 20G N/A 45543
40" 2 Blade Front Mount 37896	Drive 11362 Front Adptr. 21339 Front Drive 40252 Lift Assist 40251** Lift Assist Aux. 18899** Whl. Brake 45840***	Drive 11362 Front Adptr. 21339 Front Drive 40252 Lift Assist 40251** Lift Assist Aux. 18899** Whl. Brake 45840***	Not Recommended- Rear Wheels Cannot Be Turned Inboard	Not Recommended- Rear Wheels Cannot Be Turned Inboard
40" 3 Blade 45810	Lift Assist 40251**	Lift Assist 40251**	Not Recommended- Rear Wheels Cannot Be Turned Inboard	Not Recommended- Rear Wheel Cannot Be Turned Inboard
50" 3 Blade 45706	Lift Assist 40251**	Lift Assist 40251**	No Kit Required	No Kit Required
60" 3 Blade 45790	Not Recommended Lack of Power	No Kit Required Use on Hydraulic Lift Units	No Kit Required	No Kit Required
40" Wing 43221	Not Recommended Lack of Power Cannot be Used With 40" Mower	Adptr. Kit 43319 Whl. Brake 40250*** Wght. Rack 40638*** Spacers (4) 39015**** Bolts (4) 180194****	Adptr. Kit 43319 Whl. Brake 40250*** Wght. Rack 40638*** Spacers (4) 39015**** Bolts (4) 180194****	Adptr. Kit 43319 Whl. Brake 40250*** Wght. Rack 40638*** Spacers (4) 39015**** Bolts (4) 180194****

- * First number with manual lift; second number with hydraulic lift
- ** Recommended accessory with manual lift
- *** Recommended accessory
- **** Used when engine guard is installed

NOTE: Professional 24-G (P/N 46001) is designed for use with 72" mower (P/N 46002) only.
No kits or parts are required to attach 72" mower to 24-G.

1988/89 Professional G Application Chart

FOUR-WHEEL TRACTOR* GRASS COLLECTION	PROFESSIONAL12G 45538 45539	PROFESSIONAL 16G 45540 45541	PROFESSIONAL 18G N/A 45542	PROFESSIONAL 20G N/A 45543
3 Basket Catcher 42293	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch
44 Gallon Catcher 44345	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Will Not Work With Liftable Rear Hitch
Grass Catcher Cart 41641	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 Cart 38563 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Cart 38563 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Cart 38563 Will Not Work With Liftable Rear Hitch	Blwr. Frame 41751 Drive Kit 42465 40" Boot Kit 45817 50" Boot Kit 45814 60" Boot Kit 45580 Cart 38563 Will Not Work With Liftable Rear Hitch

*First number with manual lift; second number with hydraulic lift

1988/89 Professional G Application Chart

FOUR-WHEEL TRACTOR* SNOW REMOVAL	PROFESSIONAL 12G 43777 43778	PROFESSIONAL 16G 43779 43780	PROFESSIONAL 18G - 43781	PROFESSIONAL 20G - 43782
Power Brush 22118	Front Drive 40252 Comp. Kit 40560 Lift Assist 40251** Lift Assist Aux. 18899** Whl. Brake 40250*** Cab	Front Drive 40252 Comp. Kit 40560 Lift Assist 40251** Lift Assist Aux. 18899** Whl. Brake 40250*** Cab	Front Drive 40252 Comp. Kit 40560 Whl. Brake 40250*** Cab	Front Drive 40252 Comp. Kit 40560 Whl. Brake 40250*** Cab
48" Snow Dozerblade 24678	Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 19377***	Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 19377***	Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 31439***	Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 31439***
40" Snowblower 40693	Front Drive 40252 Lift Assist 40251** Lift Assist Aux. 18899** Fr. Wght. 11924*** or 38245*** Rear Wght. 38250 Wght. Rack 40638*** Whl. Brake 40250*** Chains 19377*** Cab	Front Drive 40252 Lift Assist 40251** Lift Assist Aux. 18899** Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 19377*** Cab	Not Recommended- Rear Wheels Cannot Be Turned Inboard	Not Recommended- Rear Wheels Cannot Be Turned Inboard
48" Snowblower 40695	Not Recommended Lack of Power	Front Drive 40252 Lift Assist 40251** Lift Assist Aux. 18899** Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Winter Kit 35333*** Whl. Brake 40250*** Chains 19377*** Cab	Front Drive 40252 Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Winter Kit 35333*** Chains 31439*** Cab	Front Drive 40252 Fr. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Winter Kit 35333*** Chains 31439*** Cab

- * First number with manual lift; second number with hydraulic lift
- ** Recommended accessory with manual lift
- *** Recommended accessory

1988/89 Professional G Application Chart

FOUR-WHEEL TRACTOR* GARDENING	PROFESSIONAL 12G 45538 45539	PROFESSIONAL 16G 45540 45541	PROFESSIONAL 18G N/A 45542	PROFESSIONAL 20G N/A 45543
Rear Tiller 18886	Rear PTO 45965 Lift R.H. 42237 Lift Assist 40251** Lift Assist Aux. 18899** Frt. Wght. 11924*** or 38245*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 19377***	Rear PTO 45965 Lift R.H. 42237 Lift Assist 40251** Lift Assist Aux. 18899** Frt. Wght. 11924*** or 38245***	Rear PTO 45965 Lift R.H. 42237 Frt. Wght. 11924*** or 38245*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 31439***	Rear PTO 45965 Lift R.H. 42237 Frt. Wght. 11924*** or 38245*** Wght. Rack 40638*** Whl. Brake 40250*** Chains 31439***
Rotary Plow 43902	Front Drive 40252 Front Adptr. 21339 Att. Adptr. 35718	Front Drive 40252 Front Adptr. 21339 Att. Adptr. 35718	Not Recommended- Rear Wheels Cannot Be Turned Inboard	Not Recommended- Rear Wheels Cannot Be Turned Inboard
Center Mount Blade 21308	Frt. Wght. 11924*** or 38245*** Rear Wght. 38250 Wght. Rack 40638*** Whl. Brake 45840*** Chains 19377***	Frt. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 45840*** Chains 19377***	Frt. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 45840*** Chains 31439***	Frt. Wght. 11924*** or 38245*** Rear Wght. 38250*** Wght. Rack 40638*** Whl. Brake 45840*** Chains 31439***

- * First number with manual lift; second number with hydraulic lift
- ** Recommended accessory with manual lift
- *** Recommended accessory

Special Tool List

7.6

Special Tools
Crankcase Puller
Timing Tool
Starter Clutch Socket

Supplier

Gravely***
N/A (Fabricate)
N/A (Fabricate)
Crowley*

4W

Forward/Reverse Tool
PTO Tool
Hub Cap Drivers (2 sizes)
Hydraulic Kit (39995)
Seal Protector & Drivers
Fwd-Rev Clutch Bearing
(with trunion)

Wall**
Wall** or Crowley*
N/A (Fabricate)
Gravely
Crowley*

Crowley*

Miscellaneous

Tacometer (19200)
VOA Meter
12 Volt Test Light
Timing Light
Spring Tool (40494)
Triple Purpose Wrench (15367)

Briggs & Stratton
Local
Local
Local
Gravely
Gravely

*Crowley Ridge Machine Works
4114 Forrest Hill Road
Jonesboro, AR 72401
501/932-4657

**James Wall
P.O. Box 999
Pilot Mtn., NC 27042
919/368-5498

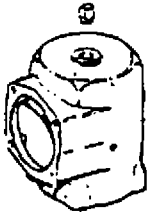
***Contact Gravely Customer Service
for current availability of 7.6 tools.

How To Identify 30-Inch Mowers



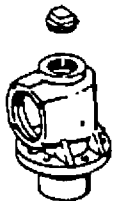
(Model 52-57)

LH Mower: Rotor plate on top of gearbox will turn with blade. Rotor is about the size of a 50 cent piece. Takes vertical shaft, P/N 13210 (RO 322). Takes heavy duty mower blade 13201.



(Model 58, 58A)

Small plug to fill oil in top housing. Takes vertical shaft P/N 13197 (RO 337) or vertical shaft P/N 13198 (RO 343). Takes heavy duty mower blade 13209. Takes cross mower blades 20900 and stationary washer 12859.



(Model MA 601)

Large plug to fill oil in top of housing.

Takes vertical shaft P/N's:

- a. 12851 which is replaced by kit 20678 consisting of 20676 shaft, 20626 weldment.
- b. 19844 which is replaced by shaft 20676
- c. 20676

Takes heavy duty mower blade 13209

Takes cross mower blades 20900 and stationary washer 12859

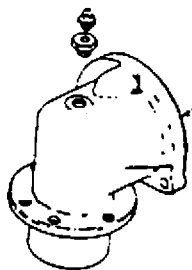


(Model 22531)

Small grease fitting in top housing. Takes vertical shaft P/N 22520

Takes heavy duty blade 22528

Takes cross blades 22529 and 22530



(Model 32119, 34927)

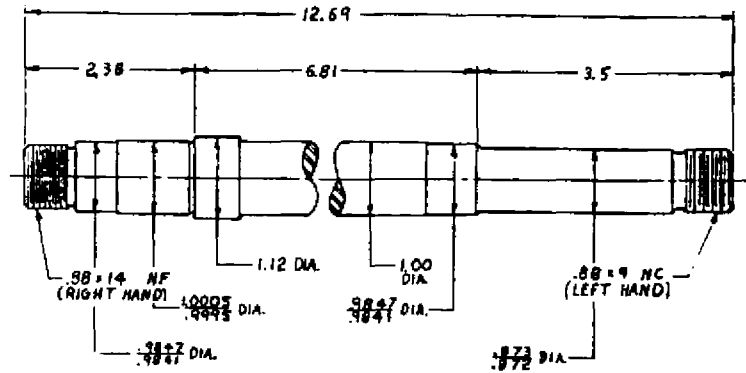
Small grease fitting in top of housing. Casting is stronger than previous casting. Takes vertical shaft P/N 22520.

Takes heavy duty blade 22528

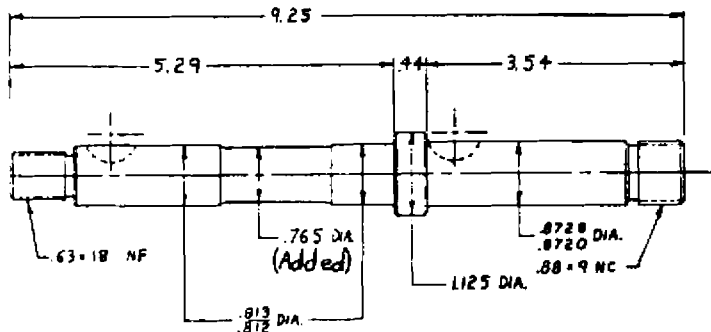
Takes cross blades 22529 and 22530

30-Inch Mower Drive Shafts (Vertical)

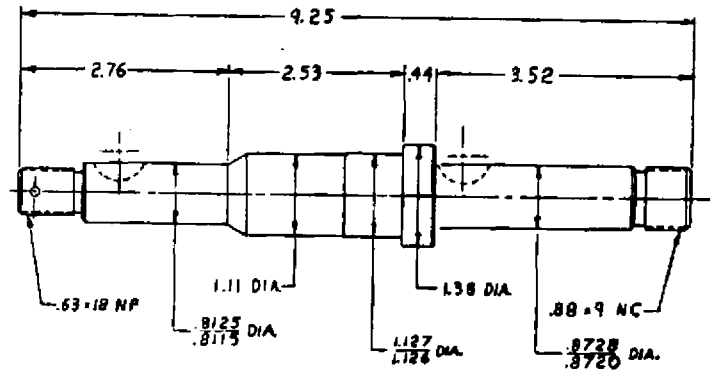
PN 13210 (1952) LEFT HAND



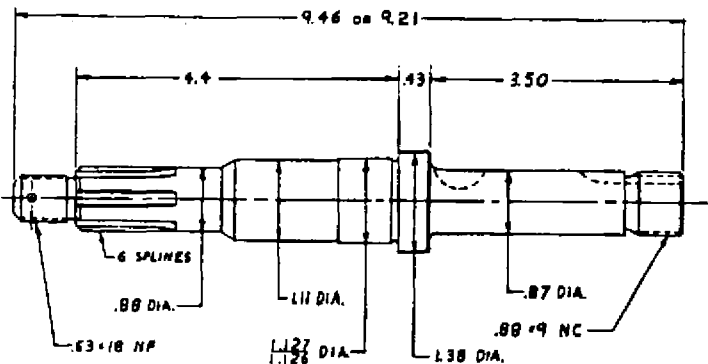
PN 13197 (1956)



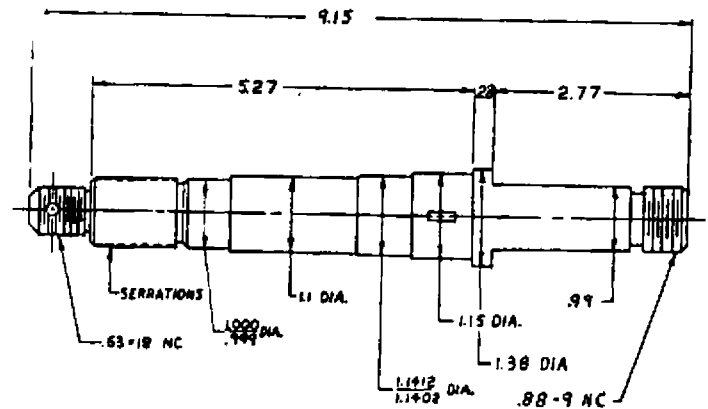
PN 13198 (1957)



PN 20676 (1973)



PN 22520 (1956)



Pro Units Identification

YEAR	MODEL	UNIT P/N	IPL FORM NO.	Division I Section 3 MICRO CARD
1982	Pro-40 Prototype	34300	34669	N/A Card 1
	Pro-40	34900	34833	
	Pro-50	34950	34963	
1983	Pro-Power Unit	36922	37867	
		36923		
		36924		
		36926		
	40" Pro Mower	36928	37730	
50" Pro Mower	36929	37762		
1984	40" Pro Mower	38648	38658	Card 2
	50" Pro Mower	38570	38579	
1985	40" Pro Mower	38648	40254	
	50" Pro Mower	38570	40255	
1986	36" Rear Discharge Mower	38872	38887	
	Pro Power Unit	40539	40550	
	40540 40541			
1987	Pro Power Unit	41834	41369	Card 3
		42050		
		41827		
		41270		
	36" Rear Discharge Mower	41779	41783	
	40" Pro Mower	41774	41778	
50" Pro Mower	41769	41779		
1988	Pro Power Unit	42980	44453	Card 4
		43330		
		43331		
		43332		
		43333		
		44424		
	44425			
	32" Pro Mower	44346	44535	
	36" Pro Mower	43456	43467	
	40" Pro Mower	43457	43464	
	50" Pro Mower	43458	43461	
60" Pro Mower	42200	42288		
1989	Pro Power Unit	43331	44453	Card 4
		43330		
		45521		
		43332		
		43333		
		44424		
	44425			
	32" Pro Mower	44346	45888	
	36" Pro Mower	43456	43467	
	40" Pro Mower	43457	43464	
50" Pro Mower	43458	43461		
60" Pro Mower	45743	45418		

Pro Belt Chart

ORIGINAL BELT P/N	CURRENT BELT P/N	DESCRIPTION	82	83	84	85	86	87	88	89
34829	-	40" Mower Drive	*	*						
34332	41545	Transmission Drive	*	*				✓	✓	
34346	41599	Traction Drive	*	*			✓	✓	✓	✓
34382	-	PTO Clutch	*							
34864	41963	PTO Clutch		*	*	*				
34944	-	50" Mower (Short)	*	*	*	*	*	*	*	*
34945	-	50" Drive	*	*						
38744	-	50" Mower Drive			*	*	*	*		
38745	-	40" Mower Drive 50" Mower Drive			*	*	*	*		*
41545	-	Transmission Drive & PTO Clutch	✓	✓				*	*	
41599		Traction Drive	✓	✓			*	*	*	*
42205	-	60" Mower Drive							*	*
42206	-	60" Mower Drive							*	*
43195	-	Transmission Drive							*	*
43213	-	PTO Clutch							*	*
43318	-	40" Mower Drive							*	*
43894	-	36" Mower Drive							*	*
44439	-	32" Mower Drive							*	*

Gravelly Belts By Part Number

Part Number	Description/Appl.
005163 ✓	Model L & 7.6 Fan
006565	Top Hat 50" Mower
006566	Top Hat 50" Mower
007085	Westchester
007096	Westchester
009240 ✓	MA600 40" Commercial
010860	Starter Motor-Gen.(Kohler)
011216 ✓	50" Mower
012077	Flail Mower
013472	Reel Mower
013474	Reel Mower
014673 ✓	40" Mower-3 Bld.
015242 ✓	408 Transaxle
015243 ✓	408 Drive
015355 ✓	408 Mower
017247	408 Snowblower belt
017798	Leafblower
021692	Radiator/Fan-GMT
021879	Alternator/Governor-GMT
022068	72" Mower
022069	72" Mower
022364	Main Drive GMT
023639	50" Wing Mower
023640	50" Wing Mower
024736	Alternator
025129	40" Mower Wing & 2 bld.
031369 ✓	60" Mower"A"
031383 ✓	60" Mower"B"
031912	40" Wing Mower-Driven
032330	RER-transm.
034289	Pro 40, 50 Dr. belt
034332 <i>use 41545</i>	Pro Drive, Repl. by 041545
034346 <i>use 41599</i>	Pro-traction, Repl. by 041599
034382	Pro (prototype)
034429	40" Mower-3 bld.
034864 <i>use 41963</i>	Pro PTO, Repl. by 041963
034944 ✓	Pro 50" Mower-short
034945	Pro 50" Mower-long
035037	RER-Blade
036987 ✓	Grass Catcher Blower
038744 ✓	Pro 50 Mower
038745 ✓	Pro 40" Mower
040053	PM Snowblwr Adaptor
041200 ✓	Pro 36" Mower
041545 ✓	Pro Trans. Drive
041599 ✓	Pro Traction
041963 ✓	Pro PTO
042205 ✓	Pro 60" Mower
042206 ✓	Pro 60" Mower
042233	ProMaster Grass Catcher Blower
043195 ✓	Pro. Trans. Drive
043213 ✓	Pro PTO Clutch
043318 ✓	Pro 40" Mower
043775	Grass Catcher Blower
043894	Pro 36" Mower
044439	Pro 32" Mower

1100, Professional H Belts

Gravelly P/N	Application
35896 72128 .	26" Tiller Drive
35955 72038 -	1138 Mower Spindle
36004 72118 -	1138 Mower Drive
36232 72116 -	1100 Series Main Drive
36233 72117 -	1100 Series Traction
39607 72081	48" Mower Spindle <i>GT</i>
36879 72120 -	36" Snowblower Primary
36880 72124 -	36" Snowblower Secondary
39179 72111 -	H Series Front PTO
39531 72095	48" Snowblower
39532 72096	48" Snowblower
39546 72122	Grass Catcher Blower
40371 72123 -	1132 Mower Drive
44759 72161	1200G MAIN DR
45322 72159	1200H TRACTION
45384 72158	1200H MAIN DR.

Mower Blade Reference

P/N	Mwr Wid.	Appl.	# Req.	Mt. Hole	Dia.	Thick.
6528	50"	Top Hat(CCW)	3	.750	17.00	125
9212	40"	MA600	2	1.0"	20.53	
	40"	Commercial	2			
11234	50"	Center/Front Mount	3	.630"	17.00	.204
	34"	408	2			
	40"	Wing	3			
	50"	GMT-Wing	3			
	50"	Pro	3			
	50"	Pro Master	3			
	32"	Pro	1*			
12860	30"	Use 20900	1			
13195	30"	Use 13201	1			
13201	30"	Heavy duty Counter cloc.	1	.875	29.81	.375
13209	30"	Heavy duty clockwise	1	.875	29.81	.375
14668	40"	Center/Front Mount	3	.625	13.94	.25
	32"	Pro	1 _x	.625	13.94	.25
20900	30"	Thin-replaces 12860	1	.875	29.81	.25
22041	72"	GMT Centermount	3	.875	24.50	.25
22528	30"	30" Heavy-slotted	1	1.38x1	29.81	.375
22529	30"	Thin use w/22530	1	1.38x1	29.81	.25
22530	30"	Thin-cross slot	1	1x1.38	29.81	.25
25124	40"	2 Blade	2	.627	20.50	.25"
	60"	Center Mount	3			
	60"	Pro Master	3			
	40"	Pro	2			
30601	30"	Rear Engine Rider	1	.781	29.875	
34199	30"	RER High Lift	1	1.000	29.84	.204
35975	38"	1100, 1200 Series	2	Ariens P/N 35355		
38946	60"	Double edge	3	.627	20.50	.250
38947	50"	Double edge	3	.627	17.00	.21
39568	48"	Prof. H Standard	3	Ariens P/N 31237		
40367	32"	1100, 1200 Series	1	Ariens P/N 27286		
42124	36"	Pro-High Lift	1	.627	17.66	.250
44608	48"	Prof. H High Lift	3	Ariens P/N 30278		

* 32" Pro Mower uses 14668 on right spindle, 11234 on left spindle.

Universal Joints Used on Gravely Equipment

P/N	Description	Overall Length	Hole Size/End	Splines	Were Used
11967	Double Joint Assy.	7"	1 7/16"	15/15	Pow. Brush Flail (new)
13517	Male U-Joint Assy.	8 15/16"	1"	15	40", 50" 400 Series (old)
13518	Female U-Joint	7 1/2"	1"	15	40", 50" Pow. Brush (old/new)
15802	Male U-Joint Assy.	21 15/16"	1"	15	Frt. Dr. Kit (new)
15835	Double Joint Assy.	7 1/4"	7/8" 1"	13/15	Frt. Dr. Kit (old/new)
18653	Front PTO Prop. Sft. Shaft	24 3/4"	1"	15	Frt. Dr. Kit (old/new)
18970	Rear Dr. Shaft	15 1/4"	1 7/16"	15/15	Rear PTO (old)
18971	Male Prop. Shaft	12 1/4"	1 7/16"	15/15	Rear PTO (old/new)
19074	Double Joint Assy.	14 1/2"	1"	15	40", 50" Rear Tiller (new)
19530	Double Joint Assy.	7 1/16"	1 1/2" 1 1/2"	23/23	Snowblower (old)
19671	Male U-Joint Assy.	11 1/4"	1"	15	Power Brush (new) (4-W)
20105	Universal Joint	5 7/16"	1 7/32"	15/K	Flail
20727	Male U-Joint Assy.	7 3/4"	1"	15	Snowblower (4-W)
20728	Female U-Joint Assy.	6 1/4"	1"	15	Snowblower (4-W)
20992	Drive Shaft	16 3/8"	1"	15	Snowblower (2-W & 4-W)
21168 (Rep. 20988)	Double Joint Assy.	5.88"	1 7/16"	15/15	Snowblower (new) (2-W)
21764	Prop. Shaft Assy.	22.33"	3/4"	11	GMT
22083	Female U-Joint	14.3"	1"	Key	72"
22084	Male U-Joint Assy.	14"	1"	15	72"
24338 (Rep. 23683)	Drive Shaft	16.25 mn.	w/3.5" engage		50" Wing
24339		20.75 mx.	w/3.5" engage		50" Wing
24340 (Rep. 23684)	Primary Drive Shaft	17.06 mn.	w/3.5 engage		50" Wing
24341		21.06 mx.	w/3.5 engage		50" Wing
25135	Male Prop. Shaft	9"	1"	15	40"-2 Blade (new)
31388	Female U-Joint	7 1/2"	1"	15	60"
31389	Prop Shaft	13.43"	1"	15	60"
39562	PTO Assy	12.25 Min/14 Max	1 7/32"	15 Sh Bolt	48" Mwr, 7173H

REPAIR KITS:

- 12134 Rockwell
- 24560 Neapco
- 31828 Roscommon

SERVICE PARTS:

- 36799 Spring
- 36800 Locking Collar
- 36801 Snap Ring
- 145643 Detent Ball

Kohler Engines Used On Gravely Tractors

Gravely Tractor Model	Page	Gravely P/N	Kohler Spec No.	Crankshaft	Flywheel	Miniblock	Reg/Rec	Stator	Micro Card
C-10-Hi-Speed Transmission									
Serial No. J8877 & Below	1		46341 D	10801	10813/C	18741	7275	21187	1 of 4
C-10-Serial No. Above J8877	2		46397 D	11391	10813/C	18741	7275	21187	6/84
C-10A-Magneto-Altern.Elec.	3		46520 D	11391	12043	18783	11979	12045	
C-10A-424 Solid State Elec. 10 Amp.	4		46513 E	11391	14907	18783	11979	14871	
424-Auto. Elec. System	5		46422 D	11391	11876	18741	7275	21187	
424-Auto. Elec. System	6		46523 D	11391	10813/C	18741	7275	21187	
424-Magneto-Altern Elec.	7		46527 D	11391	10813/C	18741	7275	21187	
430-Magneto-Altern Elec.	8		47232 B	12033	12042	18742	11979	12045	
430-C-12 Solid State Elec. 10 Amp.	9		47232 C	12033	14907	18742	11979	14871	
432-Solid State Elec. 10 Amp.	10		6006 B	14800	12043	18743	11979	14871	
424-15 Amp. Solid State	11		46640 E	11391	20426	18783	18009	19080	
430-15 Amp. Solid State	12		47410 C	12033	19835	18742	18009	19080	
432-15 Amp. Solid State	12		60133 B	14800	20426	18743	18009	19080	
Commercial 8 - 10 Amp.	13		30436 D	15411	15419/C	18636	11979	15440	
Commercial 8 - 10 Amp.	14		30299 D	15411	15419/C	18636	11979	15440	
408 10 Amp.	15	15384	30439 D	18615	A234287	18636	11979	12045	
408 15 Amp.	16		30460 D	18615	18619	18636	18009	18626	
408 15 Amp.	17	18595	30531 D	18615	18619	18636	18009	18626	
10 HP Battery Ignition 15 Amp.	18		46665 D	11391	20426	18783	18009	18626	
12 HP Battery Ignition 15 Amp.	19	24662	47459 B	12033	19835	18742	18009	18626	
14 HP Battery Ignition 15 Amp.	20		60183 A	14800	19835	18743	18009	18626	
14 HP (814) Battery Ignit. 15 Amp.	21	18794	60200 D	19907	20511	20966	18009	18626	
12 HP (812) Battery Ignit. 15 Amp.	22	19482	47482 B	19893	19835	19902	18009	18626	2 of 4
10 HP (810) Battery Ignit. 15 Amp.	23	21167	46681 D	19904	20426	20151	18009	18626	6/84
8 HP 522-526 Elec. Start 15 Amp.	24	24661	30644 D	15411	18619	22577	18009	18626	
8 HP 520-524 Manual Start	25	21042	30645 D	15411	21179	22577	None	21187	
10 HP 546 Elec. Start	26		46737 D	11391	20426	18783	18009	18626	
12 HP 566 Elec. Start	27	24662	47601 D	12033	19835	18742	18009	18626	
12 HP 564 Manual Start	28	24634	47599 D	12033	22259	18742	None	21187	
12 HP 812	29	19482	47482 D	19893	20426	19902	18009	18626	
12 HP 812	30	19482	47614 D	19893	20426	19902	18009	18626	
8 HP Manual Start 5200. 5240	31	21042	30676 D	15411	21179	22577	None	21187	
8 HP Elec. Start	32	24661	30675 D	15411	18619	22577	18009	18626	
12 HP Elec. Start 3 Amp. 5660	33	24635	47692 D	12033	19835	18742	None	24969	

Gravely Tractor Model	Page	Gravely P/N	Kohler Spec No.	Crankshaft	Flywheel	Miniblock	Reg/Rec	Stator	Micro Card
12 HP Elec. Start 15 Amp. 4-W Cons.	34	19482	47693 D	19893	19835	19902	18009	18626	
12 HP Elec. Start 15 Amp. 4-W Cons.	35	24663	47706 D	19893	19835	19902	18009	18626	
12 HP Elec. start 15 Amp. 2-W	36	24662	47707 D	12033	19835	18742	18009	18626	
12 HP Manual Start	37	24634	47708 D	12033	22259	18742	None	21187	
10 HP Elec. Start 3 Amp. 5460	38	24633	46789 D	11391	20426	18783	None	24969	
8 HP Elec. Start 3 Amp.	39	24639	30718 D	15411	31393	22577	None	24969	
8 HP Elec. start 15 Amp.	40	24661	30719 D	15411	18619	22577	18009	18626	3 of 4
8 HP Manual Start 2-W Comm.	41	24660	30720 D	15411	21179	22577	None	21187	6/84
8 HP Manual Start 2-W Cons.	42	21042	30705D/30709D	15411	21179	22577	None	21187	
10 HP Elec. Start 3 Amp.	43	24636	46788 D	19904	20426	20151	None	24969	
17 HP Elec. Start 15 Amp.	44	32130	24111 A	32507	32513	32580**	32492	18626	
17 HP Elec. Start 15 Amp.	45	34053	24159	34056	33943	34057**	32492	18626	
17 HP Elec. Start 15 Amp.	46	34165	24198	34056	33943	34057**	34292	18626	
19 HP Elec. Start 15 Amp.	47	32403	PS 49111	33941/C	35302	33957**	32492	18626	
19 HP Elec. Start 15 Amp.	48	34166	49132	33941/C	35302	33957**	32492	18626	
12 HP Manual Start	49	34137	47762	12033	22259	18742	None	21187	
12 HP Elec. Start 15 Amp. 2-W	50	34136	47771	12033	19835	18742	18009	18626	
12 HP Elec. Start 15 Amp. 4-W	51	34161	47760	34749	20426	34753	18009	18626	
16 HP Elec. start 15 Amp. PM 50	52	34587	71325	14800	19835	34799	18009	19080	
16 HP Elec. Start 15 Amp. PM 50	53	34587	71334	14800	19835	34799	18009	19080	Card 5
19 HP Elec. Start 15 Amp.	54	35305	PS 49147	33941/C	35302	33957**	32492	18626	3/86
17 HP Elec. start 15 Amp. Series II	55	37512	24303	37959	33943	34057**	32492	18626	
19 HP Elec. start 15 Amp. Series II	56	37513	49201	38030	33943	38040**	32492	18626	
12 HP Elec. Start 15 Amp. 2-W	57	38264	47814	12033	20426	38752	18009	18626	
12 HP Manual Start 2-W	58	38266	47813	12033	38748	38752	None	21187	
8 HP Elec. Start 3 Amp. 2-W	59	40394	30835	15411	31393	40738	None	24969	
8 HP Manual Start 2-W	60	40395	30836	15411	21179	40738	None	21187	
10 HP Elec. start 4-W 15 Amp.	61	40083	46861	19904	20426	40293	18009	18626	
10 HP Elec. Start 2-W 15 Amp.	62	40089	46862	11391	20426	18783	18009	18626	
12 HP Manual Start 2-W	63	40398	47831	12033	38748	38753	None	21187	
12 HP Elec. Start 4-W	64	40399	47832	34749	20426	40297	18009	18626	
17 HP Elec. Start 7173H	65	39097	24343	39260	39268	39277	32492	18626	

Gravely Tractor Model	Page	GravelyP/N	Kohler Spec No.	Crankshaft	Flywheel	Miniblock	Reg/Rec	Strator	Micro Card
17 HP Elec. Start 4-W Series II	66	40400	24361	37959	33943	42554*	32492	18626	Card 6
19 HP Elec. Start 4-W Series II	67	40401	49236	38030	33943	38040*	32492	18626	3/86
10 HP Elec. Start 2-W 15 Amp.	68	40396	46865	41664	20426	18783	18009	18626	Card 7
18 HP Elec. Start 4-W Magnum	69	41184	24507	37959	42338	42368*	32492	18626	11/86
18 HP Elec. Start PM Magn (Black)	69	42171	24555	37959	42338	42368*	32492	18626	
20 HP Elec. Start 4-W Magnum	70	41188	49507	38030	42338	42368*	32492	18626	
20 HP Elect Start PM Magn (Black)	70	42172	49537	38030	42338	42368*	32492	18626	
16 HP Elec. Start PM 50 Magnum	71	41232	711525	14800	42412	42437	32492	18626	
12 HP Elec. Start 4-W Magnum	72	41233	471530	42438	42412	42437	32492	18626	
16 HP Elec. Start 4-W Magnum	73	41787	24544	37959	42338	42375*	32492	18626	
8 HP Man. Start 2-W	74	41644	301058	15411	44008	44004	None	44009	Card 8
8 HP Elec. Start 2-W	75	41643	301059	15411	43975	44004	32492	43996	10/87
10 HP Elec. Start 2-W Magnum	76	41960	461524	11391	42412	43977	32492	18626	
12 HP Elec. Start 2-W Magnum	77	41645	471529	12033	42412	43951	32492	18626	
12 HP Man. Start 2-W Magnum	78	41646	471525	12033	44037	43951	32492	18626	
18 HP Elec. Start Pro Magnum	79	43315	58516	44292	42238	44324	32492	18626	
16 HP Elec. Start 2-W Magnum	80	44319	711547	14800	42214	42397	32492	18626	Card 9
16 HP Elec. Start 4-W (M18S)	81	45537	24589	37959	42338	42375*	32492	18626	
18 HP Elec. Start 4-W (M18S)	82	45528	24588	37959	42338	42375*	32492	18626	
18 HP Elec. Start PM (Black)	82	45527	24590	37959	42338	42375*	32492	18626	
20 HP Elec. Start 4-W (M20S)(Red)	83	45530	49561	38030	42338	42368*	32492	18626	
20 HP Elec. Start PM (M20S)(Black)	83	45529	49562	38030	42338	42368*	32492	18626	

Miniblock includes: valves, rings, piston, rod, camshaft and gasket set.

Gasket sets: 14766 - 10, 12, 14 HP

15454 - 8 HP

*Shortblock includes: crankshaft and gasket set

Kawasaki Engines Used on Gravely Equipment

VAC SYSTEM	GRAVELY PART NUMBER	CRANKSHAFT	FLYWHEEL	Division VI Section 2 MICRO CARD
FA2100 - 5.2 HP				
GS00 6D	42214	43052	43120	Card 1 10-87
PRO POWER UNITS				
FB460V - 12.5 HP				
DS01	41268	42774	42901	
ES01	42973	42774	42901	
FS01	42974	42774	42901	
GS01	44350	N/A	N/A	
FC540V - 17 HP				
AS03	43324	43539	43663	

Seats

P/N	Application	Description	
11658 11659	400 Series	Steel pan used w/11659 Cushion for 11658	Replace w/18179 Current
12521	Steering Sulky Riding Sulky	Steel pan, no cushion	Current
18179	408	Low back, no seat switches Not used w/springs	Current
21423	800/8000 Series PMs / Pro Sulky	High back for twin cylinder Tractors & other Professional units used with seat springs	Replace w/38940
21424	800/8000 Series	Intermediate Height for consumer tractors used w/seat springs	Replace w/38940
32362	Rear Engine Rider	Low back, not used with seat springs	Current
35340		Intermediate height back used w/seat springs	Replace w/38940
36482	1100 Series	Intermediate back Single seat switch used w/seat springs	Current May use 38940 if high back seat is desired
38940	1100/8000 Series PMs/7173H Pro Sulky	High back, single seat switch use with seat springs	Current
40227	8000G/Professional G Pro Master 50 PM Twins 83-86	Same as 38940 except has 2 seat switches	Current
41942	Pro Master Twins '87	Delux high back single seat switch use w/seat spring 42175	Current

Steering Wheels

P/N	Application	Description	
11290	400 Series	13" O.D. - 2 spoke .750 shaft - keyed	Current
14916	408, 400		Replace w/19448
19448	800, 8000 Riding Sulky	14" O.D. - 3 spoke .760 shaft - pinned	Current
23285	GMT 9000	13" O.D. - 3 spoke .875 shaft - serrated	Current
24490	8000 Series	13.36" O.D. - 2 spoke .656 shaft - serrated	Current
27328	Rear Engine Rider	13" O.D. - 4 spoke .635 I.D. - Bolt-On	Current
31281	8000, Pro Master 7173H	15" O.D. - 3 spoke .656 shaft - serrated	Current
32882	Rear Engine Rider	13" O.D. - 4 spoke .655 shaft - keyed	Current
36166	1100 Series		Current

Fluid Capacity Chart

FUEL TANK

Series	Gallons	Liters	Series	Gallons	Liters
1100	1.75	6.6		Non Current	
5000 Eng.	.90	3.6	L-7.6	1.75	6.6
Prof. 2-Wheel Frame	1.25	3.6	400	5.30	20.0
5000 Frame	2.00	7.6	408	1.10	4.2
7173-H	4.50	17.0	GMT	7.00	26.5
8000	5.30	20.0			
Pro Masters	5.10	19.3			
Pro Power Units	3.00	11.4			
Prof. G	5.30	20.0			

ENGINE OIL

Model	Quarts	Liters	Model	Quarts	Liters
Kohler			402702	1.8	1.7
181, New Look 181	1	.9	422707	1.8	1.7
241, M10	2	1.8			
301, M12	2	1.8	Honda		
341, M16	2	1.8	GV400	1.27	1.2
KT17	1.5	1.4	GXV400	1.16	1.1
KT19	1.5	1.4			
M18	1.5	1.4			
M20	1.5	1.4	R800-46	2.75	2.61
Briggs & Stratton					
253702	1.5	1.4	B Series	2.75	2.61
			CCKA	2.75	2.61
			P224	3.0	2.85
			FA210	.75	.7
			FB460	1.5	1.4
			FC540	1.5	1.4

Kohler: Above 30 deg. F SAE 30 Below 32 deg. F SAE 5W30
Use of multiviscosity oil will increase oil consumption

B&S: Above 40 F SAE 30 0 deg. to 100F SAE 10W-30

Honda: SAE 10W40

For all engines use API rating of SD or higher

Fluid Capacity Chart

TRANSMISSIONS

Series	Quarts	Liters	Lubricant
5000	5.0	4.75	Use SAE 30 Engine Oil
8000	6.0	5.70	
PM 50	6.5	6.20	
PM PU	6.0	5.70	
Prof. G	6.0	5.70	
	Non Current		
400	5.0	4.75	SAE 90 - May use SAE 30
408	3.0	2.80	SAE 90 - May use SAE 30
GMT	10.0	9.50	Universal tractor fluid
	Misc. Current Units		
1100	40 oz. multi purpose grease		
Pro	24 oz. E.P. lithium grease		
Prof. H	5.5	5.23	SAE 5W-30
1200	4.5	4.3	SAE 30
PM-18H	8.0	7.6	

HYDRAULICS

8000	1.5	1.4	Dextron II ATF
G(filter)	1.0	.9	
PM	1.8	1.7	
PM(filter)	1.0	.9	
7173H	Uses transmission as Reservoir		
	Non Current		
GMT	Uses transmission as Reservoir		

Model L & 7.6

Engine and transmission share a common sump and oil pump. Capacity is 5 pts. (2.36 liters). Summer use requires a viscosity of SAE 30. Winter use oil is SAE 10W. SAE 10W-30 is an acceptable alternative. Any oil should have an API classification of SD or higher.

Common Model L and 7.6 Parts Request

- 1709 L Spark Plug
- 10895 Replacement Engine 1051.75
- 10900 Air Filter Element - Kohler Style
- 10902 Air Filter Hose - 7.6
- 10965 7.6 Spark Plug
- 11881 RT Hand - Clip Throttle Rd-Hoof
- 13042 Air Filter Element - Canister
- 13044 Air Filter Hose L-Long
- 13045 Air Filter Short L-Short
- 13452 Starter Strap
- 13701 LF Hand - Clip Throttle Rd-Pierce
- 13796 Carb. Repair Kit - Cast Iron Body
- 13797 Carb. Repair Kit - Alluminum Body
- 14603 Complete Transmission & Engine Gasket Set
- 14908 Cover Plate for advance casting when attachment is removed.
- 15646 Ring Valve Gasket Set REBUILD SET
- 15647 Complete Engine Gasket Set
- 15648 Complete Transmission Gasket Set
- 15878 Oil Pump Conversion To High Volume Pump - \$99.30 30 AUG 91
- 19536 7.6 Decal Pack

Magneto Tune Up Parts

Wico -	Points & Condenser	34907 9.35	Bendix -	Points	14224 39.95
	Coil	13995* 54.00		Condenser	14225 80.95 60.95
		13985		Coil	N/A
Fairbanks -	Points	12979* 19.55	Edison -	Points	N/A
		13914		Condenser	14309 4.70
	Condenser	13909 10.70		Coil	14310 86.95
	Coil	13884 50.4			

*Most Popular