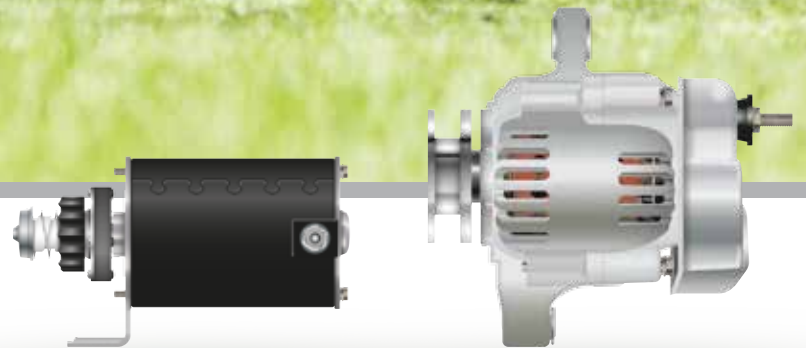


Lawn & Garden

 The Power of WAI

87-716-16

Starter Motors & Alternators



www.waiglobal.com


WAI, A USA COMPANY

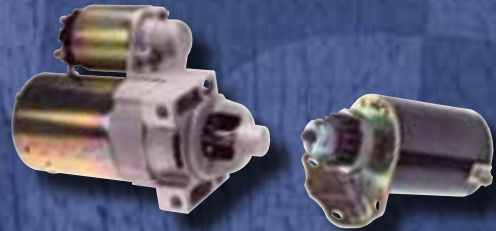
New Alternators and Starters

WPS ADVANTAGES - BUILT TOUGH

✓ 100% New Components

✓ Tested to O.E.M. Specifications

- ✓ Performance
 - ✓ Alternators - Thorough testing of output current at idle and full-load speed
 - ✓ Starters - RPM, torque, voltage, output and solenoid performance
- ✓ Endurance and environmental validation



✓ Premium Grade WBD Bearing

- ✓ 3-point triple-lip full contact hybrid polyacrylic seals
- ✓ Kyodo Yushi high-temperature grease



✓ Premium Transpo Electronics Manufactured by WAlglobal

- ✓ O.E.M. supplier of electronic components
- ✓ Meets and exceeds all O.E.M. specifications
- ✓ First-to-market with late-model products utilizing the latest technology and advance manufacturing practices
- ✓ O.E.M. type diodes utilized on rectifier assemblies to ensure maximum field life
- ✓ Welded diode to rectifier lead frame assembly to enhance performance and field life
- ✓ Utilizing advanced components for the voltage regulators resulting in lowest power (heat) dissipation and extended field life of alternator



Table of Contents

	Page(s)
Index	4-5
Application guide	6-51
Alternators and Starter	52-68
Electronics	69
Solenoids	70
Brush Holders	70
Starter Drives	71
Pinion Gear	72
Drive Gear	72
Manufacturer part number to WPS	73-85

Index

Product	Page #	Product	Page #	Product	Page #
5701N	52	5896N	55	12198N	59
5702N	52	5897N	55	12199N	59
5704N	52	5898N	55	12200N	59
5706N	52	5899N	55	12231N	59
5742N	52	5914N	56	12288N	59
5743N	52	5915N	56	12356N	59
5744N	52	5917N	56	12530N	59
5745N	52	5918N	56	12532N	59
5746N	52	5919N	56	12534N	60
5747N	53	5922N	56	12778N	60
5749N	53	5930N	56	14519N	60
5751N	53	5932N	56	15420N	60
5752N	53	5933N	56	15421N	60
5754N	53	5936N	57	15422N	60
5756N	53	5937N	57	15423N	60
5757N	53	5951N	57	15425N	60
5759N	53	5952N	57	16608N-M127	61
5760N	53	6744N	57	16608N-M50	61
5761N	54	6759N	57	16670N	61
5766N	54	6765N	57	16791N	61
5767N	54	9188N	57	17028N	61
5770N	54	9190N	57	17072N	61
5771N	54	9191N	58	17081N	61
5774N	54	9193N	58	17086N	61
5775N	54	10930N	58	17096N	61
5776N	54	10932N	58	17141N	61
5777N	54	12077N	58	17291N	62
5788N	55	12080N	58	17305N	62
5796N	55	12112N	58	17312N	62
5797N	55	12179N	58	17332N	62
5801N	55	12180N	58	17333N	62
5802N	55	12190N	59	17354N	62

Index

Product	Page #	Product	Page #	Product	Page #
17382N	62	18400N	66	JDR4720	69
17628N	62	18403N	66	JDR2256	69
17652N	62	18413N	66	KH4309	69
17653N	63	18414N	66	KW2056	69
18009N	63	18417N	66	KW2071	69
18010N	63	18425N	66	66-8210	70
18011N	63	18426N	66	67-705	70
18012N	63	18428N	66	67-707	70
18014N	63	18440N	67	67-709	70
18048N	63	18504N	67	67-724	70
18055N	63	18513N	67	67-8200	70
18141N	63	18966N	67	69-700	70
18142N	64	18967N	67	69-701	70
18144N	64	18976N	67	69-702	70
18145N	64	18982N	67	54-7003	71
18148N	64	18984N	67	54-7004	71
18162N	64	18986N	67	54-7005	71
18203N	64	18990N	68	54-7006	71
18205N-ND	64	19612N	68	54-7007	71
18205N-ND	64	19613N	68	54-7008	71
18218N	64	19617N	68	54-7009K	71
18219N	64	19756N-OE	68	54-7009	72
18266N	65	19787N	68	54-7201	72
18302N	65	19918N	68	54-7200	72
18309N	65	BR1546	69		
18318N	65	BR3456	69		
18350N	65	BR3814	69		
18358N	65	BR4890	69		
18369N	65	BR7890	69		
18394N	65	GH5530	69		
18396N	65	HN9951	69		
18397N	66	JDR1406	69		

MAKE	ENGINE	YEAR	OPTIONS	WAI #
AGCO ALLIS STARTERS				
5650 3-183 SAME DIESEL		2000-94	LUCAS SYSTEM	17653N
5660 3-183 SAME DIESEL		2000-94	LUCAS SYSTEM	17653N
BRIGGS & STRATTON ALTERNATORS				
5234DE DAIHATSU	23 HP DIESEL	2006-04		12530N
5234DL DAIHATSU	23 HP DIESEL	2006-04		12530N
5264DE DAIHATSU	26 HP DIESEL			12530N
5264DL DAIHATSU	26 HP DIESEL			12530N
BRIGGS & STRATTON STARTERS				
AIR COOLED	10 HP HORIZONTAL			5742N
AIR COOLED	11 HP HORIZONTAL			5742N
AIR COOLED	11 HP VERTICAL			5742N
AIR COOLED	12 HP VERTICAL			5742N
AIR COOLED	12.5 HP VERTICAL			5742N
AIR COOLED	14 HP REFER TO INTERCHANGE			5930N
AIR COOLED	14 HP HORIZONTAL			5743N
AIR COOLED	14 HP VERTICAL			5743N
AIR COOLED	16 - 18 HP REFER TO INTERCHANGE			5932N
AIR COOLED	16 HP HORIZONTAL			5742N
AIR COOLED	16 HP HORIZONTAL			5743N
AIR COOLED	16 HP VERTICAL			5742N
AIR COOLED	18 HP HORIZONTAL			5742N
AIR COOLED	18 HP HORIZONTAL			5743N
AIR COOLED	18 HP TWIN CYL.			5744N
AIR COOLED	5 - 7 HP INTEK HORIZONTAL SHAFT			5936N
AIR COOLED	7 HP HORIZONTAL			5742N
AIR COOLED	7 HP VERTICAL			5742N
AIR COOLED	8 HP HORIZONTAL			5742N
AIR COOLED	8 HP VERTICAL			5742N
AIR COOLED VANGUARD V-TWIN			DENSO SYSTEM	19612N
VARIOUS MODELS				
192437-0125-01				5933N
192437-0161-01				5933N
192437-0625-A1				5933N
192437-0654-A1				5933N
192437-1125-E1				5933N
192437-1148-E1				5933N
192437-1161-E1				5933N
CASE ALTERNATOR				
CX27B YANMAR 3TNV82		2005-ON	W/DENSO	12356N
CASE STARTERS				
1120 MITSUBISHI 3-65 DIESEL		1991-91		17141N
1130 MITSUBISHI 3-75 DIESEL		1991-91		17141N
1140 MITSUBISHI 3-91 DIESEL		1991-91		17141N
1394 LUCAS 4-219 DIESEL		1988-83		16608N-M127
1410 LUCAS 4-219 DIESEL		1980-74		16608N-M127
1412 LUCAS 4-219 DIESEL		1976-74		16608N-M127
1494 LUCAS 4-219 DIESEL		1988-83		16608N-M127
1594 LUCAS 6-329 DIESEL		1988-83		16608N-M127

Lawn & Garden - Application Guide

CASE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
1690 LUCAS 6-329 DIESEL		1983-80		16608N-M127
1816 TECUMSEH OH160		1977-73		5751N
1816B TECUMSEH OH160		1981-77		5751N
1816C ONAN			UNITED TECH SYSTEM	5702N
234 MITSUBISHI K3 3CYL DIESEL		1986-85		17141N
235 MITSUBISHI K3 3CYL DIESEL		1990-86		17141N
244 MITSUBISHI K3 3CYL DIESEL		1986-85		17141N
245 MITSUBISHI K3 3-60 DIESEL		1990-86		17141N
254 MITSUBISHI K3 3-65 DIESEL		1986-85		17141N
255 MITSUBISHI K3 3-65 DIESEL		1990-86		17141N
580F CONST			LUCAS SYSTEM	16608N-M127
580G CONST			LUCAS SYSTEM	16608N-M127
CX27B YANMAR 3TNV82		2005-ON	HITACHI SYSTEM	18219N
CX31B YANMAR 3TNV88		2005-ON	HITACHI SYSTEM	18219N
CX36B YANMAR 3TNV88		2005-ON	HITACHI SYSTEM	18219N
DH4B MITSUBISHI DIESEL		1988-ON	MITSUBISHI SYSTEM	17081N
MAXI-SNEAK MITSUBISHI DIESEL		1993-86	MITSUBISHI SYSTEM	17081N
CUB CADET ALTERNATORS				
7192 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		12231N
7193 MITSUBISHI	19 HP 3-65 DIESEL	1997-96		12231N
7194 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		12231N
7195 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		12231N
7232 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		12231N
7233 MITSUBISHI	23 HP 3-75 DIESEL	1997-96		12231N
7234 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		12231N
7235 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		12231N
7264 DAIHATSU	21 HP DIESEL	2004-98		12530N
7272 MITSUBISHI	27 HP 3-91 DIESEL	1997-95		12231N
7273 MITSUBISHI	27 HP 3-91 DIESEL	1997-96		12231N
7274 MITSUBISHI	27 HP 3-91 DIESEL	1997-95		12231N
7275 MITSUBISHI	27 HP 3-91 DIESEL	1997-95		12231N
7300 MITSUBISHI	30 HP 3-91 DIESEL	2003-98		12231N
7305 MITSUBISHI	30 HP 3-91 DIESEL	2003-98		12231N
CUB CADET STARTERS				
100 KOHLER	10 HP K-241	1963		9191N
100 KOHLER	10 HP K-241	1964		9190N
100 KOHLER	10 HP K-241	1966-65		9191N
1000 KOHLER	10 HP	1980-74		5759N
1015 BRIGGS & STRATTON	10 HP	1991-88		5742N
102 KOHLER	10 HP K-241	1968-65		9190N
1020 BRIGGS & STRATTON	10 HP	1991-88		5742N
104 KOHLER	10 HP K-241	1969-67		9190N
104 KOHLER	10 HP K-241 1	1970		9188N
105 KOHLER	10 HP K-241	1969-67		9190N
105 KOHLER	10 HP K-241	1970		9188N
1050 KOHLER	10 HP	1989		5756N
106 KOHLER	10 HP K-241	1969		9190N
106 KOHLER	10 HP K-241	1971-70		9188N
107 KOHLER	10 HP K-241	1969		9190N
107 KOHLER	10 HP K-241	1971-70		9188N



CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
108 KOHLER	10 HP K-241	1972-71		9188N
108 KOHLER	10 HP K-241	1974-73		9191N
109 KOHLER	10 HP K-241	1972-71		9188N
109 KOHLER	10 HP K-241	1974-73		9191N
1105 BRIGGS & STRATTON	11 HP	1986-85		5742N
111 BRIGGS & STRATTON	11 HP	1979-78		5742N
1110 BRIGGS & STRATTON	11 HP	1986-85		5742N
1170 BRIGGS & STRATTON	17 HP	2001-00		5777N
1180 BRIGGS & STRATTON	18 HP	2001-00		5746N
1200 KOHLER	12 HP	1980-74		5759N
1204 KOHLER	12 HP	1988-87		5756N
1210 KOHLER	12 HP	1989-85		5759N
1211 KOHLER	12 HP	1989-87		5756N
1212 BRIGGS & STRATTON	21 HP	2001-00		5746N
1215 BRIGGS & STRATTON	12 HP	1988-87		5746N
122 KOHLER	12 HP K-301	1968-65		9190N
1220 BRIGGS & STRATTON	12 HP	1988-87		5746N
1225 BRIGGS & STRATTON	12 HP	1993-92		5742N
123 KOHLER	12 HP K-301	1967-66		9190N
124 KOHLER	12 HP K-301	1969-67		9190N
124 KOHLER	12 HP K-301	1970		9188N
125 KOHLER	12 HP K-301	1969-67		9190N
125 KOHLER	12 HP K-301	1970		9188N
1250 KOHLER	12 HP	1980-74		5759N
126 KOHLER	12 HP K-301	1971-69		9188N
127 KOHLER	12 HP K-301	1971-69		9188N
128 KOHLER	12 HP K-301	1972-71		9188N
128 KOHLER	12 HP K-301	1974-73		9191N
1282 KOHLER	12 HP	1984-82		5759N
129 KOHLER	12 HP K-301	1972-71		9188N
129 KOHLER	12 HP K-301	1974-73		9191N
1300 BRIGGS & STRATTON	13 HP	1998		5742N
1315 KOHLER	12.5 HP	1991-89		5771N
1320 KOHLER	12.5 HP	1991-89		5771N
1325 KOHLER	12.5 HP	1993-92		5771N
1330 KOHLER	12.5 HP	1993-92		5771N
1340 KOHLER	12.5 HP	1991-90		5771N
1405 BRIGGS & STRATTON	14 HP	1998		5742N
1405 KOHLER	14 HP	1991-90		5771N
1415 KOHLER	14 HP	1989-88		5757N
1420 KOHLER	14 HP	1991-88		5757N
1430 KOHLER	14 HP	1993-92		5757N
1440 BRIGGS & STRATTON	14 HP	1997-92		5746N
1450 KOHLER	14 HP K-321AQS	1980-74		5759N
147 KOHLER	14 HP K-321A	1972-69		9188N
149 KOHLER	14 HP K-321A	1972-71		9188N
149 KOHLER	14 HP K-321A	1974-73		9191N
1512 KUBOTA D600B	15 HP DIESEL	1987-85		16791N
1515 KOHLER	15 HP	2002		5770N
1517 KOHLER	17 HP	2002		5770N

Lawn & Garden - Application Guide

CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
1535 KOHLER	15 HP	1991-90		5757N
1541 KOHLER	15 HP	1991-90		5757N
1572 KUBOTA D600B	15 HP DIESEL	1988-87		16791N
1600 BRIGGS & STRATTON	16.5 HP PLASTIC RING GEAR	1999		5746N
1600 BRIGGS & STRATTON	16.5 HP STEEL RING GEAR	1999		5777N
1604 BRIGGS & STRATTON	16 HP	1986-85		5743N
1605 BRIGGS & STRATTON	16 HP	1986-85		5743N
1606 BRIGGS & STRATTON	16 HP	1986-85		5743N
1610 BRIGGS & STRATTON	16 HP	1986-85		5743N
1615 KOHLER	16 HP	1987		5757N
1620 KOHLER	16 HP	1987		5757N
1641 BRIGGS & STRATTON	16 HP	1997-92		5746N
1650 KOHLER	16 HP K-341AQS	1980-74		5759N
169 KOHLER	16 HP K-341	1972-71		9188N
169 KOHLER	16 HP K-341	1974-73		9191N
1710 KOHLER	17 HP	1985		5757N
1711 KOHLER	17 HP	1985		5757N
1712 KOHLER	17 HP	1985		5757N
1715 KOHLER	17 HP	1989-88		5757N
1720 KOHLER	17 HP	1991-88		5757N
1730 KOHLER	17 HP	1993-92		5757N
1772 KUBOTA D640B	17 HP DIESEL	1989		16791N
1782 KUBOTA D640B	17 HP DIESEL	1996-90		16791N
1800 BRIGGS & STRATTON	18 HP PLASTIC RING GEAR	1999		5746N
1800 BRIGGS & STRATTON	18 HP STEEL RING GEAR	1999		5777N
1806 KOHLER	18 HP	1989-87		5757N
1810 KOHLER	18 HP	1989-86		5757N
1811 KOHLER	18 HP	1989-86		5757N
1812 KOHLER	18 HP	1989-86		5757N
182 BRIGGS & STRATTON	8 HP	1984-80		5742N
1860 KOHLER	18 HP	1991-90		5757N
1861 KOHLER	18 HP	1992		5757N
1862 KOHLER	18 HP	1992-90		5757N
1863 KOHLER	18 HP	1997-93		17628N
1864 KOHLER	18 HP	1997-93		17628N
1872 KOHLER	18 HP	1989-87		5757N
1882 KOHLER	18 HP	1991-90		5757N
1912 ONAN B48G	19.9 HP OE #191-1567	1986-85		5701N
1912 ONAN B48G	19.9 HP OE #191-1828	1986-85		5704N
1914 ONAN B48G	19.9 HP OE #191-1567	1986-85		5701N
1914 ONAN B48G	19.9 HP OE #191-1828	1986-85		5704N
2072 KOHLER	20 HP	1989-87		5774N
2082 KOHLER	20 HP	2000-92		5774N
2084 KOHLER	20 HP	1994		17628N
2086 KAWASAKI	20 HP	1997-96		18012N
2130 KOHLER	12.5 HP	1998-94		17628N
2130 KOHLER	13 HP	1999		17628N
2135 KOHLER	12.5 HP	1998-94		17628N
2135 KOHLER	13 HP	1999		17628N
2150 KOHLER	15 HP	1998-94		17628N



CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
2155 KOHLER	15 HP	1999-94		17628N
2160 BRIGGS & STRATTON	16 HP	1997-94		5746N
2164 BRIGGS & STRATTON	16 HP	2001-99		5746N
2165 BRIGGS & STRATTON	16 HP	1999-94		5746N
2166 KOHLER	16 HP	2002-00	DELCO SYSTEM	6744N
2166 KOHLER	16 HP	2002-00	DENSO SYSTEM	17628N
2176 KOHLER	17 HP	2002-00	DENSO SYSTEM	6744N
2176 KOHLER	17 HP	2002-00		17628N
2182 KUBOTA WG600B	21 HP DIESEL	1995-90	DELCO SYSTEM	16791N
2185 KOHLER	18 HP	2001-94	DELCO SYSTEM; FROM SERIAL # 1A031G	6744N
2185 KOHLER	18 HP	2001-94	DENSO SYETM	17628N
2186 KOHLER	18 HP	2002-00	DELCO SYSTEM	6744N
2186 KOHLER	18 HP	2002-00	DENSO SYSTEM	17628N
2206 KOHLER	20 HP	2002-00	DELCO SYSTEM	6744N
2206 KOHLER	20 HP	2002-00	DENSO SYSTEM	17628N
2284 KOHLER	22 HP	1997-95	DENSO SYSTEM	17628N
2518 KOHLER	18 HP	2003-02	DELCO SYSTEM	6744N
282 BRIGGS & STRATTON	8 HP	1984-80		5742N
283 BRIGGS & STRATTON	8 HP	1984-80		5742N
3040 KOHLER	22 HP	2001		6744N
3165 BRIGGS & STRATTON	16 HP	1999-98		5746N
3184 KOHLER	18 HP	2000		6744N
3184 KOHLER	18 HP	2000		17628N
3184 KOHLER	20 HP	2001		6744N
3185 BRIGGS & STRATTON	18 HP	1998		5746N
3186 KOHLER	18 HP	1999		17628N
3204 KOHLER	20 HP	2003-02		6744N
3205 KAWASAKI	20 HP	1999-98		18012N
3206 KOHLER	20 HP	2000	DELCO SYSTEM	6744N
3206 KOHLER	20 HP	2000	DENSO SYSTEM	17628N
3206 KOHLER	22 HP	2002-01	DELCO SYSTEM	6744N
3208 KAWASAKI	20 HP	2001-00		18012N
3225 KOHLER	22 HP	1999-98		17628N
3235 KOHLER	23 HP	2003-00	DELCO (SERIAL #1K010G-ON)	6744N
3235 KOHLER	23 HP	2003-00	DELCO (TO SERIAL #1J310G)	6744N
3235 KOHLER	23 HP	2003-00	DENSO (TO SERIAL #1J310G)	17628N
364 BRIGGS & STRATTON	18 HP	2002-00		5746N
3648 KAWASAKI	17 HP	2001		5951N
365 KOHLER	20 HP	2002-00		17628N
3654 KAWASAKI	23 HP	2001	UNITED TECH SYSTEM	5951N
3654 KOHLER	25 HP	2001-00	DENSO SYSTEM	17628N
365L KAWASAKI	18 HP	2002-00		18010N
3660 KAWASAKI	23 HP	2001	UNITED TECH SYSTEM	5951N
3660 KOHLER	25 HP	2001-00	DENSO SYSTEM	17628N
382 BRIGGS & STRATTON	11 HP	1984-80		5742N
383 BRIGGS & STRATTON	11 HP	1984-80		5742N
5252 KOHLER	25 HP	2006-04		6744N
5252E KOHLER	25 HP	2006-04		6744N
5254E KAWASAKI	25 HP	2006-04		18425N
5254L KAWASAKI	25 HP	2006-04		18425N

Lawn & Garden - Application Guide

CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
580 BRIGGS & STRATTON	16 HP	1984-82		5743N
582 BRIGGS & STRATTON	16 HP	1984-79		5743N
680 KOHLER	12 HP	1984-82		5759N
682 KOHLER	17 HP	1984-80		5757N
70 BRIGGS & STRATTON	7 HP	1976-72		5742N
70 KOHLER	7 HP K-161	1966-61		9191N
7000 MITSUBISHI	20 HP 3-69 DIESEL	2003-98		17141N
71 KOHLER	7 HP K-161	1968-65		9190N
7192 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		17141N
7193 MITSUBISHI	19 HP 3-65 DIESEL	1997-96		17141N
7194 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		17141N
7195 MITSUBISHI	19 HP 3-65 DIESEL	1997-95		17141N
72 KOHLER	7 HP K-161	1969-67		9190N
7200 MITSUBISHI	20 HP 3-69 DIESEL	2003-98		17141N
7205 MITSUBISHI	20 HP 3-69 DIESEL	2003-98		17141N
7232 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		17141N
7233 MITSUBISHI	23 HP 3-75 DIESEL	1997-96		17141N
7234 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		17141N
7235 MITSUBISHI	23 HP 3-75 DIESEL	1997-95		17141N
7252 3-46	20 HP			18425N
7252 KAWASAKI	25 HP	2003-98		18425N
7254 3-46	20 HP			18425N
7254 KAWASAKI	25 HP	2003-98		18425N
7260 MITSUBISHI	26 HP 3-80 DIESEL	2003-98		17141N
7265 MITSUBISHI	26 HP 3-80 DIESEL	2003-98		17141N
73 KOHLER	7 HP K-161	1971-69		9188N
7360 MITSUBISHI	36 HP 4-107 DIESEL	2003-00		17096N
7530 MITSUBISHI	30 HP DIESEL	2006-04		17141N
7532 MITSUBISHI	32 HP DIESEL	2006-04		17141N
782 KOHLER	17 HP	1984-80	UNITED TECH SYSTEM	5757N
782 KUBOTA D600B	15 HP DIESEL	1984	MITUSUBISHI SYSTEM	16791N
784 KOHLER	17 HP	1984-82		5757N
80 BRIGGS & STRATTON	8 HP	1978-77		5742N
800 KOHLER	8 HP	1980-74		5767N
805 BRIGGS & STRATTON	8 HP	1986-85		5742N
81 BRIGGS & STRATTON	8 HP	1978-77		5742N
86 KOHLER	8 HP K-181	1972-71		9188N
86 KOHLER	8 HP K-181	1974-73		9191N
882 KUBOTA D600B	15 HP DIESEL	1984		16791N
982 ONAN B48G	19.9 HP	1984-79	OE #191-1567	5701N
982 ONAN B48G	19.9 HP	1984-79	OE #191-1828	5704N
984 ONAN B48G	19.9 HP	1984-82	OE #191-1567	5701N
984 ONAN B48G	19.9 HP	1984-82	OE #191-1828	5704N
986 ONAN B48G	19.9 HP	1984-82	OE #191-1567	5701N
986 ONAN B48G	19.9 HP	1984-82	OE #191-1828	5704N
GMT-125 BRIGGS & STRATTON	12.5 HP	1990-89		5746N
GMT-150 BRIGGS & STRATTON	15 HP	1990-89		5746N
GT1222 BRIGGS & STRATTON	22 HP	2004		5746N
GT1554 KOHLER	27 HP COURAGE	2006-05		6744N
GT2186 KOHLER	18 HP COMMAND	12004		6744N

CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
GT2521 BRIGGS & STRATTON	21 HP	2004		5776N
GT2523 KOHLER	23 HP COMMAND	2004		6744N
GT2542 KOHLER	20 HP COMMAND	2006-05		6744N
GT2544 KOHLER	21 HP COMMAND	2006-05		6744N
GT2550 KOHLER	22 HP COMMAND	2006-05		6744N
GT2554 KOHLER	23 HP COMMAND	2006-05		6744N
GT3100 KOHLER	23 HP COMMAND	2006-05		6744N
GT3200 KOHLER	25 HP COMMAND	2006-05		6744N
GT3204 KOHLER	23 HP COMMAND	2004		6744N
GT3235 KOHLER	25 HP COMMAND	2004		6744N
H1748 KAWASAKI	17 HP	2004-03		5951N
H1952 KAWASAKI	19 HP	2004-03		5951N
HF1748 KAWASAKI	17 HP	2003-02		5951N
HF1954 KAWASAKI	19 HP	2003-02		5951N
HFF1748 KAWASAKI	17 HP	2006-04		5951N
I1046 KOHLER	20 HP COURAGE			5801N
I1050 KOHLER	25 HP COURAGE			5801N
LT1018 BRIGGS & STRATTON	18.5 HP	2004		5777N
LT1018 BRIGGS & STRATTON	22 HP	2004		5746N
LT1018LE KOHLER	18 HP	2004		5770N
LT1022 BRIGGS & STRATTON	22 HP	2004		5746N
LT1024 BRIGGS & STRATTON	24 HP	2004		5746N
LT1045LE KOHLER	20 HP COURAGE	2006-05		5801N
LT1046 KOHLER	23 HP COURAGE	2006-05		5801N
LT1050 KOHLER	23 HP COURAGE	2006-05		6744N
LT2042 KOHLER	18 HP COMMAND	2005		6744N
LT2138 KOHLER	16 HP	2004-03		6744N
LT2180 BRIGGS & STRATTON	18 HP	2004-03		5776N
LT2542 KOHLER	20 HP COMMAND	2006		6744N
M48-HN HONDA	20 HP	2005-03		18986N
M48-KHS KOHLER	18 HP	2004		6744N
M48-KW KAWASAKI	23 HP	2006-02		5951N
M48-KW TANK KAWASAKI	19 HP	2006-02		5951N
M48-KWS KAWASAKI	17 HP	2002		5951N
M50-KHS KOHLER 23 HP 2006-05 6744N	23 HP	2006-05		6744N
M54-HN HONDA	24 HP	2005-03		18986N
M54-KH KOHLER	25 HP	2004		6744N
M54-KW TANK KAWASAKI	23 HP	2006-02		5951N
M60-KH EFI TANK KOHLER	28 HP	2005-04		6744N
M60-KH TANK KOHLER	25 HP	2006-02		6744N
M60-KH TANK KOHLER	27 HP	2006-02		6744N
M60-KW LC TANK KAWASAKI	29 HP	2006-04		18425N
M60-KW ROPS TANK KAWASAKI	25 HP 2006-04	2006-04		5951N
M60-KW TANK KAWASAKI	25 HP	2006-02		5951N
M72-GN TANK GENERAC	28 HP	2003		6759N
M72-GN33 TANK GENERAC	33 HP	2006-04		6759N
M72-KW LC TANK KAWASAKI	29 HP	2006-05		18425N
RZT17 BRIGGS & STRATTON	17 HP	2004		5777N
RZT22 BRIGGS & STRATTON	22 HP	2004		5742N
RZT42 BRIGGS & STRATTON	17.5 HP	2006-05		5777N

Lawn & Garden - Application Guide

CUB CADET STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
RZT50 BRIGGS & STRATTON	26 HP	2006-05		5742N
RZT50 KAWASAKI	22 HP TWIN OHV	2006-05		5951N
SLT1550 KOHLER	25 HP COURAGE	2006-05		5801N
SLT1554 KOHLER	27 HP COURAGE	2006-05		5801N
Z42 KOHLER	15 HP	1999-97		5770N
Z48 KOHLER	18 HP	1999-97		17628N
Z48L KAWASAKI	18 HP	1998-97		18010N
Z54 KOHLER	20 HP	1999-97		17628N
Z54L KAWASAKI	18 HP	1999-97		18010N
Z-FORCE 15 KAWASAKI	15 HP	2003		5951N
Z-FORCE 18 BRIGGS & STRATTON	18 HP	2003		5746N
Z-FORCE 42 BRIGGS & STRATTON	18.5 HP	2004		5777N
Z-FORCE 44 BRIGGS & STRATTON	18 HP	2006-04		5746N
Z-FORCE 44 BRIGGS & STRATTON	20 HP	2006-04		5742N
Z-FORCE 44 KOHLER	20 HP COMMAND	2006-04		6744N
Z-FORCE 48 BRIGGS & STRATTON	22 HP	2006-04		5742N
Z-FORCE 48 KOHLER	20 HP COMMAND	2006-04		6744N
Z-FORCE 50 KOHLER	23 HP COMMAND	2006-05		6744N
Z-FORCE 60 KAWASAKI	23 HP	2006		5951N
Z-FORCE 60 KOHLER	23 HP COMMAND	2006		6744N
Z-WING 48 KOHLER	23 HP	2006-05		6744N
CUSHMAN STARTERS				
DIRECTOR KOHLER		1968-66		9193N
GOLFSTER GC300 KOHLER 301		1974-71		9193N
GOLFSTER GC400 KOHLER 241		1968-66		9193N
GOLFSTER GC400 KOHLER 301		1974-71		9193N
HAULSTER KOHLER 301		1974-68		9193N
TROPHY KOHLER 241		1967-66		9193N
TRUCKSTER KOHLER 241		1967-66		9193N
TRUCKSTER KOHLER 301		1967-66		9193N
VARIOUS CARTS			UNITED TECH SYSTEM	5765N
DAIHATSU STARTERS				
VARIOUS MODELS DIESEL ENGINES			DAIHATSU 28100-87803	18982N
EZ-GO ALTERNATORS				
BC-960GX		1998-94		15423N
CARGO SHUT		1997-ON		15423N
GRAND OASI		1998-94		15423N
GXI-875		1998-94		15423N
GXI-875P		1998-94		15423N
GXT-875		1998-94		15423N
GXT-875P		1998-94		15423N
INDUSTRIAL		1999-ON		15423N
MEDALIST 4-CYCLE ENGINE		1993-ON		15423N
MG2 4 CADD		1999-98		15423N
MG2 FLEET		1999-98		15423N
MG2 FRE200		1999-98		15423N
MG2 FRE201		1999-98		15423N
OASIS		1997-96		15423N
PC-952GX		1998-94		15423N
PC-954GX		1998-94		15423N

EZ-GO ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
PC-956GX		1998-94		15423N
SHUTTLE 6		1997-ON		15423N
TXT 4 CADD		1998-98		15423N
TXT 4 CADD		1993-ON		15423N
TXT FLEET		1998-98		15423N
TXT FLEET		1993-ON		15423N
TXT FRE210		1998-98		15423N
TXT FRE210		1993-ON		15423N
TXT FRE211		1998-98		15423N
TXT FRE211		1993-ON		15423N
WORKHOR213		1999-ON		15423N
WORKHOR214		1999-ON		15423N
WORKHOR215		1999-ON		15423N
WORKHOR216		1999-ON		15423N
WORKHOR217		1998-ON		15423N
FORD STARTERS				
1100 2-43 SHIBAURA DIESEL		1982-79	HITACHI SYSTEM	17305N
1110 2-43 SHIBAURA DIESEL		1986-83	HITACHI SYSTEM	17305N
1200 2-43 SHIBAURA DIESEL		1982-79	HITACHI SYSTEM	17305N
1300 2-49 SHIBAURA DIESEL		1982-79	HITACHI SYSTEM	17305N
2000 3-158 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2100 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2110 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2120 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2300 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
231 3-158 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
2310 3-158 DIESEL		1983-82	LUCAS SYSTEM	16608N-M127
2310 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
233 3-158 DIESEL		1977-75	LUCAS SYSTEM	16608N-M127
250C 3CYL DIESE		1994-90	LUCAS SYSTEM	16608N-M127
260C 3CYL DIESEL		1994-90	LUCAS SYSTEM	16608N-M127
2610 3-175 DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
2810 3-158 DIESEL		1990-84	LUCAS SYSTEM	16608N-M127
2910 3-175 DIESEL		1990-83	LUCAS SYSTEM	16608N-M127
3000 3-158 DIESEL		1975-65		16608N-M127
3000 3-175 DIESEL		1968-65		16608N-M127
3100 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3110 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3120 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3190 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3230 3-192 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
3300 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3310 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
333 3-175 DIESEL		1977-75	LUCAS SYSTEM	16608N-M127
3330 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
335 3-175 DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
340 3-175 DIESEL		1981-79	LUCAS SYSTEM	16608N-M127
3400 3CYL DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
340A 3-175 DIESEL		1984-81	LUCAS SYSTEM	16608N-M127
340B 3-175 DIESEL		1984-81	LUCAS SYSTEM	16608N-M127

Lawn & Garden - Application Guide

FORD STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
3430 3-192 DIESEL		1998-90	LUCAS SYSTEM	16608N-M127
345C 3CYL DIESEL		1992-89	LUCAS SYSTEM	16608N-M127
345D 3CYL DIESEL		1997-92	LUCAS SYSTEM	16608N-M127
3500 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3550 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3600 3-175 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3610 3-192 DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
3900 3-192 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3910 3-192 DIESEL		1990-83	LUCAS SYSTEM	16608N-M127
3930 3-201 DIESEL		1999-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
4000 3-192 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4000 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4100 3-183 DIESEL		1981-65	LUCAS SYSTEM	16608N-M127
4110 3-201 DIESEL		1990-65	LUCAS SYSTEM	16608N-M127
4140 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
420 3-175 DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
4200 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4330 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4340 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4400 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4410 3CYL DIESEL		1974-69	LUCAS SYSTEM	16608N-M127
445 3-183 DIESEL		1983-79	LUCAS SYSTEM	16608N-M127
445A 3-183 DIESEL		1988-84	LUCAS SYSTEM	16608N-M127
445C 3-183 DIESEL		1992-89	LUCAS SYSTEM	16608N-M127
445D 3-183 DIESEL		1998-92	LUCAS SYSTEM	16608N-M127
4500 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
455 3CYL DIESEL		1988-87	LUCAS SYSTEM	16608N-M127
455C 3-201 DIESEL		1992-89	LUCAS SYSTEM	16608N-M127
455D 3-201 DIESEL		1997-92	LUCAS SYSTEM	16608N-M127
4600 3-201 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
4610 3-201 DIESEL		1990-81	LUCAS SYSTEM	16608N-M127
4630 3-201 DIESEL		1999-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
4830 3-201 DIESEL		1994-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
5000 4-233 DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
5000 4-256 DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
5030 4-256 DIESEL		1998-92	LUCAS SYSTEM	16608N-M127
5100 DIESEL ENGINES		1974-65	LUCAS SYSTEM	16608N-M127
5110		1991-84	LUCAS SYSTEM	16608N-M127
515 3-201 DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
5200 DIESEL ENGINES		1974-67	LUCAS SYSTEM	16608N-M127
531 3-201 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
5340 DIESEL ENGINES		1974-68	LUCAS SYSTEM	16608N-M127
535 3-201 DIESEL		1977-75	LUCAS SYSTEM	16608N-M127
540A 3-201 DIESEL		1984-81	LUCAS SYSTEM	16608N-M127
540B 3-201 DIESEL		1988-84	LUCAS SYSTEM	16608N-M127
545 3CYL DIESEL		1983-79	LUCAS SYSTEM	16608N-M127
545A 3CYL DIESEL		1988-84	LUCAS SYSTEM	16608N-M127
545C 3CYL DIESEL		1992-89	LUCAS SYSTEM	16608N-M127
545D 3CYL DIESEL		1998-92	LUCAS SYSTEM	16608N-M127
550 3CYL DIESEL		1978-75	LUCAS SYSTEM	16608N-M127



FORD STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
5500 DIESEL ENGINES		1973-67	LUCAS SYSTEM	16608N-M127
555 3CYL DIESEL		1984-78	LUCAS SYSTEM	16608N-M127
555A 3CYL DIESEL		1985-84	LUCAS SYSTEM	16608N-M127
555B 3CYL DIESEL		1988-85	LUCAS SYSTEM	16608N-M127
555C 4-256 DIESEL		1991-89	LUCAS SYSTEM	16608N-M127
5600 4-256 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
5610 4-256 DIESEL		1992-81	LUCAS SYSTEM	16608N-M127
5900 4-256 DIESEL		1993-85	LUCAS SYSTEM	16608N-M127
620 GAS OR DIESEL ENGINES		1974-67	LUCAS SYSTEM	16608N-M127
622 GAS OR DIESEL ENGINES		1974-67	LUCAS SYSTEM	16608N-M127
650 4-256 DIESEL		1977-75	LUCAS SYSTEM	16608N-M127
6500		1976-73	LUCAS SYSTEM	16608N-M127
655A 4-256 DIESEL		1988-85	LUCAS SYSTEM	16608N-M127
655C 4-268 DIESEL		1991-89	LUCAS SYSTEM	16608N-M127
6600 4-256 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
6610 4-268 DIESEL		1992-82	LUCAS SYSTEM	16608N-M127
6700 4-256 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
6710 4-256 DIESEL		1985-82	LUCAS SYSTEM	16608N-M127
7000 4-256 DIESEL		1975-71	LUCAS SYSTEM	16608N-M127
7100 4-256 DIESEL		1975-73	LUCAS SYSTEM	16608N-M127
7200 4-256 DIESEL		1975-73	LUCAS SYSTEM	16608N-M127
7400 4-256 DIESEL		1976-75	LUCAS SYSTEM	16608N-M127
750 4CYL DIESEL		1979-75	LUCAS SYSTEM	16608N-M127
7500		1976-73	LUCAS SYSTEM	16608N-M127
755 4CYL DIESEL		1984-79	LUCAS SYSTEM	16608N-M127
755A 4CYL DIESEL		1986-84	LUCAS SYSTEM	16608N-M127
7600 4-256 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
7700 4-256 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
7710 4-268 DIESEL		1991-82	LUCAS SYSTEM	16608N-M127
7810 6-401 DIESEL		1991-78	LUCAS SYSTEM	16608N-M127
8000 6-401 DIESEL		1987-68	LUCAS SYSTEM	16608N-M127
8210 6-401 DIESEL		1991-78	LUCAS SYSTEM	16608N-M127
8530 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
8600 6-401 DIESEL		1976-72	LUCAS SYSTEM	16608N-M127
8700 6-401 DIESEL		1979-77	LUCAS SYSTEM	16608N-M127
8730 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
8830 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
9000 6-401 DIESEL		1972-70	LUCAS SYSTEM	16608N-M127
9030 4-268 DIESEL		1998-90	LUCAS SYSTEM	16608N-M127
9600 6-401 DIESEL		1976-72	LUCAS SYSTEM	16608N-M127
9700 6-401 DIESEL		1979-77	LUCAS SYSTEM	16608N-M127
A62 4-256 DIESEL		1984-74	LUCAS SYSTEM	16608N-M127
A64 6-401 DIESEL		1984-74	LUCAS SYSTEM	16608N-M127
A66 6-401 DIESEL		1987-74	LUCAS SYSTEM	16608N-M127
GT75 MOWER	16 HP 3 CYL DIESEL	1992-97		19756N-OE
TW-10 6-401 DIESEL		1983-79	LUCAS SYSTEM	16608N-M127
TW-15 6-401 DIESEL		1989-83	LUCAS SYSTEM	16608N-M127
TW-20 6-401 DIESEL		1983-79	LUCAS SYSTEM	16608N-M127
TW-25 6-401 DIESEL		1989-79	LUCAS SYSTEM	16608N-M127
TW-30 6-401 DIESEL		1983-79	LUCAS SYSTEM	16608N-M127

Lawn & Garden - Application Guide

FORD STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
TW-35 6-401 DIESEL		1989-79	LUCAS SYSTEM	16608N-M127
TW-5 6-401 DIESEL		1989-83	LUCAS SYSTEM	16608N-M127
GEHL STARTER				
SL3310 P220 ONAN ENGINE		1983-ON	mitsubishi SYSTEM	17291N
GENERAC STARTER				
GN191			UNITED TECH SYSTEM	5788N
GN220	7.8 HP		UNITED TECH SYSTEM	5788N
GN320	11 HP		UNITED TECH SYSTEM	5788N
GN360	13 HP		UNITED TECH SYSTEM	5788N
GN410	15 HP		UNITED TECH SYSTEM	5788N
GRASSHOPPER ALTERNATOR				
928D KUBOTA	28 HP DIESEL			12190N
GRASSHOPPER STARTERS				
225 KOHLER	25 HP			6744N
321D KUBOTA	20.9 HP DIESEL			18162N
325 KUBOTA	24.5 HP			16791N
720K KOHLER	20 HP			6744N
721D KUBOTA	20.9 HP DIESEL			18162N
725 KUBOTA	24.5 HP			16791N
725G KUBOTA	24.5 HP			16791N
725K KOHLER	25 HP			6744N
GRAVELY ALTERNATOR				
PM460 KUBOTA	30 HP DIESEL			12190N
GRAVELY STARTERS				
152Z KAWASAKI	23 HP			18266N
160Z KAWASAKI	23 HP			18266N
250Z KAWASAKI	19 HP			18266N
250Z KAWASAKI	23 HP			18266N
260Z KAWASAKI	25 HP			18266N
272Z KAWASAKI	25 HP			18266N
PM310 KAWASAKI	23 HP			18266N
PM310 KOHLER	25 HP			18266N
PM460 KUBOTA	30 HP DIESEL			18400N
HONDA STARTERS				
GCV160 INDUSTRIAL ENGINE				5914N
GX270QAE2			DENSO SYSTEM	18984N
GX340DE33	11 HP		DENSO SYSTEM	18350N
GX340QAE2	11 HP		DENSO SYSTEM	18513N
GX340QNE2	11 HP		DENSO SYSTEM	18513N
GX340VXE2	11 HP		DENSO SYSTEM	18513N
GX610	18 HP		UNITED TECH SYSTEM	5918N
GX620	20 HP		UNITED TECH SYSTEM	5918N
GXV390SE33	13 HP		DENSO SYSTEM	18350N
GXV610	18 HP		UNITED TECH SYSTEM	5918N
GXV620	20 HP		UNITED TECH SYSTEM	5918N
HONDA			UNITED TECH SYSTEM	5917N
IGX440	12.7 HP AIR COOLED ENGINE			19613N
INTERNATIONAL STARTERS				
CUB CADET MODEL 100 KOHLER K241		1963		9191N
CUB CADET MODEL 100 KOHLER K241		1964		9190N



INTERNATIONAL STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
CUB CADET MODEL 100 KOHLER K241		1966-65		9191N
CUB CADET MODEL 102 KOHLER K241		1968-65		9190N
CUB CADET MODEL 104 KOHLER K241		1969-67		9190N
CUB CADET MODEL 104 KOHLER K241		1970	W/STARTER GENERATOR	9188N
CUB CADET MODEL 105 KOHLER K241		1969-67		9190N
CUB CADET MODEL 105 KOHLER K241		1970		9188N
CUB CADET MODEL 106 KOHLER K241AS		1969		9190N
CUB CADET MODEL 106 KOHLER K241AS		1971-70		9188N
CUB CADET MODEL 107 KOHLER K241AS		1969		9190N
CUB CADET MODEL 107 KOHLER K241AS		1971-70		9188N
CUB CADET MODEL 108 KOHLER K241AS		1972-71		9188N
CUB CADET MODEL 108 KOHLER K241AS		1974-73		9191N
CUB CADET MODEL 109 KOHLER K301		1972-71		9188N
CUB CADET MODEL 109 KOHLER K301		1976-73		9191N
CUB CADET MODEL 122 KOHLER K301		1968-65	W/STARTER GENERATOR	9190N
CUB CADET MODEL 123 KOHLER K301		1967-66		9190N
CUB CADET MODEL 124 KOHLER K301		1969-67		9190N
CUB CADET MODEL 124 KOHLER K301		1970		9188N
CUB CADET MODEL 125 KOHLER K301		1969-67		9190N
CUB CADET MODEL 125 KOHLER K301		1970		9188N
CUB CADET MODEL 126 KOHLER K301S		1971-69	W/STARTER GENERATOR	9188N
CUB CADET MODEL 127 KOHLER K301S		1971-69	W/STARTER GENERATOR	9188N
CUB CADET MODEL 128 KOHLER K301		1972-71		9188N
CUB CADET MODEL 128 KOHLER K301		1974-73		9191N
CUB CADET MODEL 129 KOHLER K301		1972-71		9188N
CUB CADET MODEL 129 KOHLER K301		1974-73		9191N
CUB CADET MODEL 147 KOHLER K321A		1972-69	W/STARTER GENERATOR	9188N
CUB CADET MODEL 149 KOHLER K321A		1972-71	W/STARTER GENERATOR	9188N
CUB CADET MODEL 149 KOHLER K321A		1974-73	W/STARTER GENERATOR	9191N
CUB CADET MODEL 169 KOHLER K341		1972-71	W/STARTER GENERATOR	9188N
CUB CADET MODEL 169 KOHLER K341		1974-73		9191N
CUB CADET MODEL 70 KOHLER K161		1963-61		9191N
CUB CADET MODEL 70 KOHLER K161		1964		9190N
CUB CADET MODEL 70 KOHLER K161		1966-65		9191N
CUB CADET MODEL 71 KOHLER K161		1968-65		9190N
CUB CADET MODEL 72 KOHLER K161		1969-67		9190N
CUB CADET MODEL 72 KOHLER K161		1970		9188N
CUB CADET MODEL 73 KOHLER K161		1971-69		9188N
CUB CADET MODEL 86 KOHLER K181		1972-71		9188N
CUB CADET MODEL 86 KOHLER K181		1974-73		9191N
ISUZU ALTERNATORS				
4BG1		1990-07		12778N
4BG1T		1990-07		12778N
4BG1TC		1990-07		12778N
6BG1		1988-07		12778N
6BG1T, 1988-07		1988-07		12778N
6BG1TC		1988-07		12778N
MISC. INDUSTRIAL EQUIPMENT				10930N
JACOBSEN STARTERS				
70 TRIMMER KOHLER K181		1978		9193N

Lawn & Garden - Application Guide

JACOBSEN STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
76 TURF KING KOHLER K301		1978		9193N
84 TURF KING KOHLER K321		1978		9193N
CHIEF 1000 KOHLER K241		1974-67		9193N
CHIEF 1200 KOHLER K301		1968-67		9193N
CHIEF 53035 KOHLER K241		1964-63		9193N
CHIEF 53036 KOHLER K241		1966-65		9193N
T422D KUBOTA D950				17354N
J.C. BAMFORD STARTERS				
1000 PERKINS 4-243		1979-69	LUCAS SYSTEM	17652N
110 PERKINS 4-243		1981-70	LUCAS SYSTEM	17652N
110B PERKINS 4-243		1981-70	LUCAS SYSTEM	17652N
110C PERKINS 4-243		1981-70	LUCAS SYSTEM	17652N
1200 PERKINS 4-243		1979-69	LUCAS SYSTEM	17652N
1250 PERKINS 6-354		1979-69	LUCAS SYSTEM	17652N
1400 / 140 PERKINS 4-236		1991-85	1ST PRODUCTION	17652N
1400 / 140 PERKINS 4-236		1991-85	2ND PRODUCTION	17652N
1500 / 150 PERKINS 4-236		1991-85	1ST PRODUCTION	17652N
1500 / 150 PERKINS 4-236		1991-85	2ND PRODUCTION	17652N
1600B PERKINS 4-236		1993-87	1ST PRODUCTION	17652N
1600B PERKINS 4-236		1993-87	2ND PRODUCTION	17652N
1700 / 170 PERKINS 4-236		1991-85	1ST PRODUCTION	17652N
1700 / 170 PERKINS 4-236		1991-85	2ND PRODUCTION	17652N
214 SERIES PERKINS 1004		1997-86	LUCAS SYSTEM	17652N
214 SERIES PERKINS 4-243		1997-86	LUCAS SYSTEM	17652N
215 SERIES PERKINS 1004		1997-86	LUCAS SYSTEM	17652N
215 SERIES PERKINS 4-243		1997-86	LUCAS SYSTEM	17652N
217 SERIES PERKINS 1004		1997-86	LUCAS SYSTEM	17652N
217 SERIES PERKINS 4-243		1997-86	LUCAS SYSTEM	17652N
2CX PERKINS		1992-90	LUCAS SYSTEM	17652N
3C1400 PERKINS 4-236		1985-80	1ST PRODUCTION	17652N
3C1400 PERKINS 4-236		1985-80	2ND PRODUCTION	17652N
3C1550 PERKINS 4-236		1985-80	1ST PRODUCTION	17652N
3C1550 PERKINS 4-236		1985-80	2ND PRODUCTION	17652N
3CX SITEMA PERKINS 4-236		1991-85	1ST PRODUCTION	17652N
3CX SITEMA PERKINS 4-236		1991-85	2ND PRODUCTION	17652N
3D1700 PERKINS 4-236		1985-80	1ST PRODUCTION	17652N
3D1700 PERKINS 4-236		1985-80	2ND PRODUCTION	17652N
407 PERKINS		1996-93	LUCAS SYSTEM	17652N
408 PERKINS 4-254		1994-90	LUCAS SYSTEM	17652N
409 PERKINS		1996-93	LUCAS SYSTEM	17652N
410 PERKINS 6-354		1984-72	1ST PRODUCTION	17652N
410 PERKINS 6-354		1984-72	2ND PRODUCTION	17652N
410 PERKINS		1994-85	LUCAS SYSTEM	17652N
411 PERKINS		1996-94	LUCAS SYSTEM	17652N
412 PERKINS		1996-85	LUCAS SYSTEM	17652N
413 PERKINS		1983-71	LUCAS SYSTEM	17652N
415 PERKINS		1996-85	LUCAS SYSTEM	17652N
416 PERKINS		1996-94	LUCAS SYSTEM	17652N
418 PERKINS 6-354		1983-71	LUCAS SYSTEM	17652N
420 PERKINS 6-354		1983-71	1ST PRODUCTION	17652N

J.C. BAMFORD STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
420 PERKINS 6-354		1983-71	2ND PRODUCTION	17652N
430 PERKINS 6-354		1983-71	1ST PRODUCTION	17652N
430 PERKINS 6-354		1983-71	2ND PRODUCTION	17652N
4CN PERKINS 4-236		1985-80	1ST PRODUCTION	17652N
4CN PERKINS 4-236		1985-80	2ND PRODUCTION	17652N
505 PERKINS 1004		1995-89	LUCAS SYSTEM	17652N
505 PERKINS 4-243		1995-89	LUCAS SYSTEM	17652N
506 PERKINS 1004		1995-89	LUCAS SYSTEM	17652N
506 PERKINS 4-243		1995-89	LUCAS SYSTEM	17652N
508 PERKINS 1004		1995-89	LUCAS SYSTEM	17652N
508 PERKINS 4-243		1995-89	LUCAS SYSTEM	17652N
510 PERKINS 1004		1995-89	LUCAS SYSTEM	17652N
510 PERKINS 4-243		1995-89	LUCAS SYSTEM	17652N
515 PERKINS		1995-90	LUCAS SYSTEM	17652N
520 CHERRY PERKINS 4-236		1984-78	1ST PRODUCTION	17652N
520 CHERRY PERKINS 4-236		1984-78	2ND PRODUCTION	17652N
520 PERKINS 4-236		1989-82	1ST PRODUCTION	17652N
520 PERKINS 4-236		1989-82	2ND PRODUCTION	17652N
525B PERKINS 4-236		1989-82	1ST PRODUCTION	17652N
525B PERKINS 4-236		1989-82	2ND PRODUCTION	17652N
530 PERKINS 4-236		1991-87	1ST PRODUCTION	17652N
530 PERKINS 4-236		1991-87	2ND PRODUCTION	17652N
530B PERKINS 4-236		1991-87	1ST PRODUCTION	17652N
530B PERKINS 4-236		1991-87	2ND PRODUCTION	17652N
540 PERKINS		1994-87	1ST PRODUCTION	17652N
540 PERKINS		1994-87	2ND PRODUCTION	17652N
540B PERKINS		1997-87	1ST PRODUCTION	17652N
540B PERKINS		1997-87	2ND PRODUCTION	17652N
5C PERKINS		1971-69	LUCAS SYSTEM	17652N
6C PERKINS VARIOUS ENGINES		1971-69	LUCAS SYSTEM	17652N
702 PERKINS		1974-69	LUCAS SYSTEM	17652N
704 PERKINS		1974-69	LUCAS SYSTEM	17652N
7B PERKINS VARIOUS ENGINES		1971-69	LUCAS SYSTEM	17652N
7C PERKINS VARIOUS ENGINES		1971-69	LUCAS SYSTEM	17652N
8 PERKINS 6-354		1974-69	LUCAS SYSTEM	17652N
805 PERKINS 4-236		1979-71	1ST PRODUCTION	17652N
805 PERKINS 4-236		1979-71	2ND PRODUCTION	17652N
805B PERKINS 4-236		1979-71	1ST PRODUCTION	17652N
805B PERKINS 4-236		1979-71	2ND PRODUCTION	17652N
805BT PERKINS 4-236		1988-82	1ST PRODUCTION	17652N
805BT PERKINS 4-236		1988-82	2ND PRODUCTION	17652N
806 PERKINS 4-248		1979-73	LUCAS SYSTEM	17652N
806B PERKINS 4-248		1985-73	LUCAS SYSTEM	17652N
806C PERKINS 4-248		1985-73	LUCAS SYSTEM	17652N
807 PERKINS 6-354		1979-73	LUCAS SYSTEM	17652N
807B PERKINS 6-354		1985-73	LUCAS SYSTEM	17652N
807C PERKINS 6-354		1985-73	LUCAS SYSTEM	17652N
808 PERKINS 6-354		1980-73	LUCAS SYSTEM	17652N
811 PERKINS 6-354		1988-85	1ST PRODUCTION	17652N
812 PERKINS 6-354		1990-85	1ST PRODUCTION	17652N

Lawn & Garden - Application Guide

J.C. BAMFORD STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
814 PERKINS 6-354		1990-85	1ST PRODUCTION	17652N
8C PERKINS 6-354		1974-68	LUCAS SYSTEM	17652N
8D PERKINS 6-354		1974-68	LUCAS SYSTEM	17652N
900 PERKINS 6-354		1975-69	LUCAS SYSTEM	17652N
902 PERKINS 6-354		1975-69	LUCAS SYSTEM	17652N
926 PERKINS 1004		1998-89	LUCAS SYSTEM	17652N
926 PERKINS 4-243		1998-89	LUCAS SYSTEM	17652N
930 PERKINS 1004		1998-86	LUCAS SYSTEM	17652N
930 PERKINS 4-243		1998-86	LUCAS SYSTEM	17652N
940 PERKINS 1004		1998-92	LUCAS SYSTEM	17652N
940 PERKINS 4-243		1998-92	LUCAS SYSTEM	17652N
JOHN DEERE ALTERNATORS				
3325			FROM SER. #002742 40 AMP	12188N
3365			FROM SER. #002742 40 AMP	12188N
1050 YANMAR 3T90 DIESEL		1988-80	W/DENSO ALTERNATOR	14519N
110 TLB YANMAR 4TNE84			DENSO 40A ALTERNATOR	12356N
110 TLB YANMAR 4TNV88			DENSO 40A ALTERNATOR	12356N
1250 YANMAR 3T90 DIESEL		1989-82	DENSO ALTERNATOR	14519N
1450 YANMAR 3T90 DIESEL		1989-82	W/DENSO ALTERNATOR	14519N
1600 YANMAR	51 HP DIESEL		DENSO 40A ALTERNATOR	12188N
1620 YANMAR	51 HP DIESEL		DENSO 40A ALTERNATOR	12188N
1650 YANMAR 3T90 DIESEL		1989-82	W/DENSO ALTERNATOR	14519N
27D YANMAR 3TNV88			DENSO SYSTEM	12356N
3012			W/HITACHI ALT.	12112N
3015			W/HITACHI ALT.	12112N
3032E YANMAR	31.4 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
3038E YANMAR	37.1 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
3120 YANMAR	29.5 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
3215B JD SERIES 220	26 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3225B JD SERIES 220	32 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3225C JD SERIES 220	38.5 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3235B JD SERIES 220	39 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3235C JD SERIES 220	48 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3245C JD SERIES 220	48 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
3320 YANMAR	32.8 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
3520 YANMAR	37.1 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
3720 YANMAR	44 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
4020 YANMAR			W/HITACHI ALT.	12112N
4105 YANMAR	40.5 HP DIESEL		W/DENSO 40A ALTERNATOR	12356N
4200 YANMAR	26 HP DIESEL	1999-ON	W/DENSO 40A ALTERNATOR	12356N
4210 YANMAR	28 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N



JOHN DEERE ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
425 YANMAR	20 HP	1997-93		12188N
430 YANMAR	22 HP DIESEL	1991-84	3TNA72 ENGINE (#030104ON)	12188N
4300 YANMAR	32 HP DIESEL	1999-ON	W/DENSO 40A ALTERNATOR	12356N
4310 YANMAR	32 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N
4400 YANMAR	35 HP DIESEL	1999-ON	W/DENSO 40A ALTERNATOR	12356N
4410 YANMAR	35 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N
445 YANMAR	22 HP	1997-93	W/DENSO 40A ALTERNATOR	12188N
4475 YANMAR	31 HP DIESEL	1998-94	W/HITACHI ALT.	12112N
4500 YANMAR	39 HP DIESEL	1999-ON	W/DENSO 40A ALTERNATOR	12356N
4510 YANMAR	39 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N
455 YANMAR	22 HP DIESEL	1997-93	W/DENSO 40A ALTERNATOR	12188N
4600 YANMAR	43 HP DIESEL	1999-ON	W/DENSO 40A ALTERNATOR	12356N
4610 YANMAR	44 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N
4700 YANMAR	48 HP DIESEL	2000-ON	W/DENSO 40A ALTERNATOR	12356N
4710 YANMAR	48 HP DIESEL	2002-ON	W/DENSO 40A ALTERNATOR	12356N
5103 INDIA			DENSO SYSTEM	12080N
5103 JD POWERTECH	2.9L DIESEL		W/DENSO 40A ALTERNATOR	12080N
5103S INDI			DENSO SYSTEM	12080N
5105 JD POWERTECH	2.9L DIESEL		W/DENSO 40A ALTERNATOR	12080N
5200 JD POWERTECH	3-179 DIESEL	1992-ON	W/DENSO ALTERNATOR	12080N
5203 INDIA			DENSO SYSTEM	12080N
5203 JD POWERTECH	2.9L DIESEL		W/DENSO 40A ALTERNATOR	12080N
5205 JD POWERTECH	2.9L DIESEL		W/DENSO 40A ALTERNATOR	12080N
5210 JD POWERTECH	2.9L DIESEL		W/DENSO ALT. (STD. WO/ CAB)	12080N
5215			W/DENSO (STD. - WO/CAB)	12080N
5215F&V			W/DENSO (STD. - WO/CAB)	12080N
5220 JD POWERTECH	2.9L DIESEL		W/DENSO ALT. (STD. WO/ CAB)	12080N
5300	3-179 DIESEL	1992-ON	W/DENSO ALTERNATOR	12080N
5300N	3-179 DIESEL	1992-ON	W/DENSO ALTERNATOR	12080N
5303 INDIA			DENSO SYSTEM	12080N
5303 JD POWERTECH	2.9L DIESEL		W/DENSO 40A ALTERNATOR	12080N
5310 INDIA			DENSO SYSTEM	12080N
5310 JD POWERTECH	2.9L DIESEL		W/DENSO ALT. (STD. WO/ CAB)	12080N
5310N JD POWERTECH	2.9L DIESEL		W/DENSO ALT. (STD. WO/ CAB)	12080N
5315			W/DENSO (STD. - WO/CAB)	12080N
5315F&V			W/DENSO (STD. - WO/CAB)	12080N
5320 JD POWERTECH			W/DENSO ALT. (STD. WO/ CAB)	12080N

Lawn & Garden - Application Guide

JOHN DEERE ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
5320N			W/DENSO ALT. (STD. WO/CAB)	12080N
5400	3-179 DIESEL	1992-ON	W/DENSO ALT. (STD. WO/CAB)	12080N
5400N	3-179 DIESEL	1992-ON	DENSO ALT. (STD. WO/CAB)	12080N
5500	4-239 DIESEL	1995-ON	W/DENSO ALT. (STD. WO/CAB)	12080N
5500N	4-239 DIESEL	1995-ON	W/DENSO ALT. (STD. WO/CAB)	12080N
5575 YANMAR	36 HP DIESEL	1998-95	W/HITACHI ALT.	12112N
6675 YANMAR	42 HP DIESEL	1998-94	W/HITACHI ALT.	12112N
7775 YANMAR	49 HP DIESEL	1998-94	W/HITACHI ALT.	12112N
850 YANMAR	3T80	1988-78	W/DENSO ALTERNATOR	14519N
900HC		1989-86	DENSO ALTERNATOR	14519N
950 YANMAR		1988-78	DENSO ALTERNATOR	14519N
997 YANMAR	30 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
F1145 YANMAR 3TN75			W/DENSO 40A ALTERNATOR	12188N
F1145 YANMAR 3TNE78A			W/DENSO 40A ALTERNATOR	12188N
GATOR CS C KAWASAKI	8 HP		DENSO SYSTEM	12080N
GATOR CX C KAWASAKI	10 HP		DENSO SYSTEM	12080N
GATOR TX T KAWASAKI	13 HP		STARTER-GENERATOR	15420N
X495 YANMAR	24 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
X595 4WD YANMAR	24 HP DIESEL		W/DENSO 40A ALTERNATOR	12188N
JOHN DEERE STARTERS				
130	9 HP	1988-86		18403N
160	12.5 HP	1988-86		18011N
165	12.5 HP	1988-86		18011N
1203				18014N
2243	18 HP DIESEL			18010N
100 BRIGGS & STRATTON		1978-75		5742N
108 BRIGGS & STRATTON		1985-79		5742N
110 KOHLER	10 HP	1974-72		5761N
110 KOHLER	8 HP	1974-68		5767N
111 BRIGGS & STRATTON		1985-79		5746N
111H BRIGGS & STRATTON		1984-82		5746N
112 KOHLER	10 HP	1971-69		5761N
112 KOHLER	12 HP	1974-72		5761N
112L BRIGGS & STRATTON		1985	REQUIRES AM119748 KIT	18011N
116 BRIGGS & STRATTON		1985-82		5743N
116H BRIGGS & STRATTON		1985-83		5743N
120 KOHLER	12 HP	1971-70		5761N
14 ONAN		1979-75	MITSUBISHI SYSTEM	17332N
140 KOHLER	12 HP	1968		5761N
140 KOHLER	14 HP	1974-69		5761N
1420 YANMAR				18426N
1435 YANMAR				18426N
1505 YANMAR	41.5 HP DIESEL			18014N
1515 YANMAR	41.5 HP DIESEL			18014N



JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
1565 YANMAR	36 HP DIESEL			18014N
1600 TURBO YANMAR	64 HP DIESEL			18014N
1600 YANMAR	51 HP DIESEL			18014N
1620 YANMAR	51 HP DIESEL			18014N
170 KAWASAKI	14 HP	1990-89	MARKED 211632073	18009N
175 KAWASAKI	14 HP	1990-87	MARKED 211632073	18009N
180 KAWASAKI	17 HP	1990-86	MARKED 211632093	18048N
185 KAWASAKI	17 HP	1990-86	MARKED 211632093	18048N
1905 YANMAR	47 HP DIESEL			18014N
200 KOHLER	8 HP	1975	K181QS ENGINE	5767N
208 KOHLER	8 HP	1978-77	K181QS ENGINE	5767N
20A NURSER LOMBARDINI	21 HP DIESEL		BOSCH SYSTEM	18369N
210 KOHLER	10 HP	1987-75	K241AQS ENGINE	5761N
212 KOHLER	12 HP	1987-75	K301AQS ENGINE	5761N
214 KOHLER	14 HP	1987-75	K321AQS ENGINE	5761N
216 KOHLER	16 HP	1987-79	K341AQS ENGINE	5761N
240 JD POWERTECH 3029D	46 HP ENGINE	2004-99	TO SER. #196418	17086N
240 KAWASAKI	14 HP	1992-88	MARKED 211632073	18009N
245 KAWASAKI	14 HP	1994-93	MARKED 211632073	18009N
24A CONTINENTAL	36 HP GAS	1983-79	MITSUBISHI SYSTEM	17332N
250 JD POWERTECH 3029D	61 HP ENGINE	2004-99	TO SER. #197301	17086N
2500 KAWASAKI	18 HP			18012N
2500A JD SERIES 220	20 HP DIESEL			18055N
2500E JD	18 HP DIESEL REPLACEMENT UNIT			18055N
2500E KAWASAKI	18 HP			18012N
260 JD POWERTECH 3029T	69 HP ENGINE	2004-99	TO SER. #197587	17086N
260 KAWASAKI	17 HP	1991-88	MARKED 211632093	18048N
265 KAWASAKI	17 HP	1994-88	MARKED 211632093	18048N
2653 YANMAR 3TNE68A	18 HP			18012N
2653A				18055N
285 KAWASAKI	18 HP	1991-88	MARKED 211632077	18010N
300 KOHLER	16 HP	1977-75		5761N
312 KOHLER	12 HP	1978-77	K301AS ENGINE	5761N
314 KOHLER	14 HP	1983-79	K321AQS ENGINE	5761N
316 KOHLER	16 HP	1978		5761N
316 ONAN P218G		1992-84	BENDIX TYPE	5701N
316 ONAN P218G		1992-84	SOLENOID SHIFT	17312N
316 ONAN B43E		1992-84	SOLENOID SHIFT	5701N
316 ONAN B43E		1992-84	SOLENOID SHIFT	17333N
317 KOHLER	17 HP	1982-79	KT17QS ENGINE	5915N
317 ONAN P218G		1982-79	BENDIX TYPE	5704N
318 ONAN B43E		1992-83	BENDIX TYPE	5701N
318 ONAN P218G		1992-83	BENDIX TYPE	5701N
318 ONAN P218G		1992-83	SOLENOID SHIFT	17312N
318 ONAN B43E		1992-83	SOLENOID SHIFT	17333N
320 KAWASAKI	18 HP	1994-92	MARKED 211632077	18010N
3215B JD SERIES 220	26 HP DIESEL			17375N
322 YANMAR		1991-88		18055N
3225B JD SERIES 220	32 HP DIESEL			18014N
3225C JD SERIES 220	38.5 HP DIESEL			18014N

Lawn & Garden - Application Guide

JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
3235B JD SERIES 220	39 HP DIESEL			18014N
3235C JD SERIES 220	48 HP DIESEL			18014N
3245C JD SERIES 220	48 HP DIESEL			18014N
325 JD	18 HP			18266N
325 KAWASAKI	17 HP			18048N
330 YANMAR		1986		18055N
332 YANMAR		1992-87		18055N
335 JD	20 HP			18266N
345 YANMAR				18010N
355D YANMAR	18 HP DIESEL	1997-ON	HITACHI SYSTEM	18440N
400 KOHLER	19.9 HP	1982-75		5766N
415 YANMAR	16 HP DIESEL	1997-95		18055N
420 ONAN B48G		1991-83	BENDIX TYPE	5701N
420 ONAN P220G		1991-83	BENDIX TYPE	5701N
420 ONAN P220G		1991-83	SOLENOID SHIFT	17312N
420 ONAN B48G		1991-83	SOLENOID SHIFT	17333N
425 KAWASAKI	20 HP			18012N
430 YANMAR	22 HP DIESEL	1991-84	3TNA72 ENGINE	17382N
445 KAWASAKI	22 HP			18012N
455 YANMAR	22 HP DIESEL		3TNA72 ENGINE	17382N
5105 JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5205 JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5210 JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5220 JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5310 JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5310N JD POWERTECH	2.9L DIESEL		VALEO SYSTEM	17086N
5320 JD POWERTECH			VALEO SYSTEM	17086N
5320N			VALEO SYSTEM	17086N
5410				17086N
5410N			OPTION -VALEO SYSTEM (EARLY)	17086N
56 TECUMSEH	6 HP	1974-71		5752N
56 TECUMSEH	7 HP	1974-71		5752N
57 TECUMSEH	7 HP	1974-71		5752N
60 TECUMSEH	7 HP	1969-66		5752N
647 KAWASAKI	19 HP			18266N
65 TECUMSEH	5 HP	1983-78		5752N
657 KAWASAKI	23 HP			18266N
66 TECUMSEH	6 HP	1977-75		5752N
667 KAWASAKI	23 HP			18266N
68 BRIGGS & STRATTON	8 HP	1983-75		5742N
70 ONAN	25 HP ENGINE	1978-75	MITSUBISHI SYSTEM	17332N
70 TECUMSEH	7 HP	1974-70		5752N
717 KAWASAKI	19 HP			18266N
717A KAWASAKI	19 HP			18266N
727 KAWASAKI	23 HP			18266N
727A KAWASAKI	23 HP			18266N
737 KAWASAKI	23 HP			18549N
757 KAWASAKI	25 HP			18549N
777 KAWASAKI	27 HP			18425N

JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
797 KAWASAKI	29 HP			18425N
7H17 KAWASAKI	17 HP			18266N
7H19 KAWASAKI	19 HP			18266N
8875 JD POWERTECH	61 HP TURBO DIESEL	1998-94	VALEO SYSTEM	17086N
90 ONAN	23 HP ENGINE	1984-79	MITSUBISHI SYSTEM	17332N
900 KAWASAKI				17375N
997 YANMAR	30 HP DIESEL			18014N
AERCORE 800 GREENS AERATOR			DELCO SYSTEM	6744N
AERCORE 800 GREENS AERATOR			DENSO SYSTEM	17628N
AERCORE 800 AERATOR KOHLER	18 HP		DELCO SYSTEM	6744N
AERCORE 800 AERATOR KOHLER	18 HP		DENSO SYSTEM	17628N
AMT600 TRA		1990-87	HITACHI SYSTEM	18309N
COMMERCIAL MODELS BRIGGS & STRATTON	16 HP			5743N
COMMERCIAL MODELS KAWASAKI	17 HP		MARKED 211632085	18048N
COMMERCIAL MODELS KOHLER	12.5 HP		DENSO SYSTEM	18011N
EUROPA 1338SGS BRIGGS & STRATTON	13 HP			5742N
EUROPA 1438GS BRIGGS & STRATTON	14.5 HP			5742N
EUROPA 1538HS BRIGGS & STRATTON	15 HP			5742N
EUROPA 1542GS BRIGGS & STRATTON	15.5 HP			5742N
EUROPA 1546GS BRIGGS & STRATTON	15 HP			5742N
EUROPA 1642HS BRIGGS & STRATTON	16 HP			5777N
EUROPA 1646HS BRIGGS & STRATTON	16 HP			5742N
F1145 YANMAR 3TN75				17375N
F1145 YANMAR 3TNE78A				17375N
F510 KAWASAKI	14 HP			18009N
F525 KAWASAKI	17 HP		#211632093 (#1300010N)	18048N
F620 KOHLER	20 HP		DELCO SYSTEM	6744N
F620 KOHLER	20 HP		DENSO SYSTEM	17628N
F680 KOHLER	20 HP		DELCO SYSTEM	6744N
F680 KOHLER	20 HP		DENSO SYSTEM	17628N
F687 KOHLER	23 HP		DELCO SYSTEM	6744N
F687 KOHLER	23 HP		DENSO SYSTEM	17628N
F710 KAWASAKI	17 HP			18048N
F725 KAWASAKI	20 HP			18010N
F735 YANMAR	20.5 HP DIESEL		HITACHI SYSTEM	18440N
F910 ONAN B48G		1990-84	BENDIX TYPE	5701N
F910 ONAN P220G		1990-84	BENDIX TYPE	5701N
F910 ONAN B48G ENGINE		1990-84	SOLENOID ACT. 010001 - 100000	17291N
F910 ONAN B48G ENGINE		1990-84	SOLENOID ACT. 420001 - 750000	17291N
F910 ONAN P220G ENGINE		1990-84	SOLENOID ACTIVATED	17291N
F911 KAWASAKI	22 HP			18012N
F912		1990-87	HITACHI SYSTEM	18318N
F915 YANMAR		1993-87		18055N
F925 YANMAR	25.5 HP DIESEL			17382N
F932 YANMAR	28 HP GAS	1988-ON	HITACHI SYSTEM	18318N
F935 YANMAR	25.5 HP DIESEL			17382N
G100 KOHLER	25 HP			6744N
G110 KOHLER	25 HP			6744N

Lawn & Garden - Application Guide

JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
GS25 KAWASAKI	12.5 HP	2001-97		18009N
GS30 KAWASAKI	13 HP	2003-97		18009N
GS45 KAWASAKI	14 HP	2003-97		18009N
GS75 KAWASAKI	17 HP	2003-97		18048N
GT225 KOHLER	16 HP			17628N
GT235 BRIGGS & STRATTON				18428N
GT235 KAWASAKI				18266N
GT242 KAWASAKI	14 HP GEAR	1996-93		18009N
GT245 KAWASAKI	20 HP			18266N
GT262 KAWASAKI	17 HP GEAR	1996-92		18048N
GT275 KAWASAKI	17 HP HYDRO	1996-95		18048N
GX255 KAWASAKI	20 HP			18266N
GX325 KAWASAKI	18 HP			18266N
GX335 KAWASAKI	20 HP AIR COOL			18266N
GX345 KAWASAKI	20 HP LIQ. COOL			18010N
GX355 YANMAR	18 HP DIESEL		HITACHI SYSTEM	18440N
GX75 KAWASAKI	9 HP	1996-91		18403N
GX85 BRIGGS & STRATTON	13 HP			5742N
GX95 KAWASAKI	12.5 HP	1996-93		18011N
HD45 KAWASAKI	14 HP	2003-97		18009N
HD75 KAWASAKI	17 HP	2003-97		18048N
JD24A CONTINENTAL	36 HP GAS	1979-77	mitsubishi system	17332N
L100 BRIGGS & STRATTON	17 HP			5777N
L105 BRIGGS & STRATTON	14.5 HP			5777N
L107 BRIGGS & STRATTON	17 HP			5777N
L111 BRIGGS & STRATTON	20 HP		ENGINE #406577	5742N
L118 BRIGGS & STRATTON	22 HP		ENGINE #406577, 407777	5742N
L118 BRIGGS & STRATTON	22 HP		ENGINE #406777	5746N
L120 BRIGGS & STRATTON	20 HP			5746N
L130 KOHLER	23 HP			6744N
LT133 KOHLER	13 HP			5770N
LT150 KOHLER	15 HP		STAMPED KOHLER #2509804	5770N
LT150 KOHLER	15 HP		STAMPED KOHLER #2509807	5802N
LT155 KOHLER	15 HP			5770N
LT160 KOHLER	16 HP		STAMPED KOHLER #2509804	5770N
LT160 KOHLER	16 HP		STAMPED KOHLER #2509807	5802N
LT166 BRIGGS & STRATTON	16 HP		ENGINE #3037771147E1	5746N
LT166 BRIGGS & STRATTON	16 HP		ENGINE #3037771147E1	5776N
LT170 BRIGGS & STRATTON	16 HP			5776N
LT190 KAWASAKI	18 HP			18266N
LTR155 KOHLER	15 HP			5770N
LTR166 BRIGGS & STRATTON	16 HP		ENGINE #3037771147E1	5746N
LTR166 BRIGGS & STRATTON	16 HP		ENGINE #3037771162E1	5776N
LX172 KAWASAKI	14 HP GEAR	1996-91		18009N
LX173 KOHLER	15 HP GEAR	1996		17628N
LX176 KAWASAKI	14 HP HYDRO	1996-91		18009N
LX178 KAWASAKI	15 HP HYDRO	1996-91		18010N
LX186 KAWASAKI	17 HP HYDRO	1991		18048N



JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
LX188 KAWASAKI	17 HP HYDRO	1996-93		18010N
LX255 KOHLER	15 HP			17628N
LX266 KOHLER	16 HP		DELCO SYSTEM	6744N
LX266 KOHLER	16 HP		DENSO SYSTEM	17628N
LX277 KAWASAKI	17 HP			18266N
LX279 KAWASAKI	17 HP			18010N
LX280 AWS KAWASAKI	18 HP			18266N
LX280 KAWASAKI	18 HP			18266N
LX288 BRIGGS & STRATTON	18 HP			18428N
LX288 KAWASAKI	18 HP			18266N
LX289 KAWASAKI	17 HP			18010N
M653 KOHLER	23 HP		DELCO SYSTEM	6744N
M653 KOHLER	23 HP		DENSO SYSTEM	17628N
M655 KOHLER	25 HP		DELCO SYSTEM	6744N
M655 KOHLER	25 HP		DENSO SYSTEM	17628N
M665 KOHLER	25 HP		DELCO SYSTEM	6744N
M665 KOHLER	25 HP		DENSO SYSTEM	17628N
R70 BRIGGS & STRATTON	8 HP	1986-84		5742N
R72 BRIGGS & STRATTON	8 HP	1986-84		5742N
R92 BRIGGS & STRATTON	11 HP	1986-85		5742N
RX75 KAWASAKI	9 HP	1990-87		18403N
RX95 KAWASAKI	12.5 HP	1990-87		18011N
S80 BRIGGS & STRATTON	8 HP	1984		5742N
S82 BRIGGS & STRATTON	8 HP	1986-84		5742N
S92 BRIGGS & STRATTON	11 HP	1986-84		5742N
SABRE 1338G BRIGGS & STRATTON	13 HP			5742N
SABRE 14.542GS BRIGGS & STRATTON	14.5 HP			5777N
SABRE 1438GS BRIGGS & STRATTON	14.5 HP			5742N
SABRE 1438HS BRIGGS & STRATTON	14.5 HP			5742N
SABRE 1538GS BRIGGS & STRATTON	15 HP			5742N
SABRE 1538HS BRIGGS & STRATTON	15 HP			5742N
SABRE 1542GS BRIGGS & STRATTON	15.5 HP			5742N
SABRE 1542HS BRIGGS & STRATTON	15.5 HP			5742N
SABRE 1546G BRIGGS & STRATTON	15 HP			5742N
SABRE 1642G VTWIN BRIGGS & STRATTON	16 HP			5746N
SABRE 1642H VTWIN BRIGGS & STRATTON	16 HP			5746N
SABRE 1642HS BRIGGS & STRATTON	16 HP			5777N
SABRE 1646HS BRIGGS & STRATTON	16 HP			5742N
SABRE 1742GS BRIGGS & STRATTON	17 HP			5777N
SABRE 1742HS BRIGGS & STRATTON	17 HP			5777N
SABRE 1842GV BRIGGS & STRATTON	18 HP			5746N
SABRE 1842HV BRIGGS & STRATTON	18 HP			5746N
SABRE 1846HMS BRIGGS & STRATTON	18 HP			5746N
SABRE 1846HV BRIGGS & STRATTON	18 HP			5746N
SABRE 1848GV BRIGGS & STRATTON	18 HP			5746N
SABRE 1848HV BRIGGS & STRATTON	18 HP			5746N
SABRE 1948GV KOHLER	19.9 HP		ENGINE CV20S65560, 71	5802N
SABRE 1948GV KOHLER	19.9 HP		ENGINE CV20S65587; DELCO SYSTEM	6744N

Lawn & Garden - Application Guide

JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
SABRE 1948GV KOHLER	19.9 HP		ENGINE CV20S65587; DENSO SYSTEM	17628N
SABRE 1948HV KOHLER	19.9 HP		ENGINE CV20S65560, 71 5802N	5802N
SABRE 1948HV KOHLER	19.9 HP		ENGINE CV20S65587; DELCO SYSTEM	6744N
SABRE 1948HV KOHLER	19.9 HP		ENGINE CV20S65587; DENSO SYSTEM	17628N
SABRE 2046HS BRIGGS & STRATTON	20 HP			5746N
SABRE 2046HV BRIGGS & STRATTON	20 HP			5746N
SABRE 2048HV BRIGGS & STRATTON	20 HP			5746N
SABRE 2148HV KOHLER	21 HP		ENGINE CV22S75529, 42	5802N
SABRE 2148HV KOHLER	21 HP		ENGINE CV22S75557	17628N
SABRE 2148HV KOHLER	21 HP		ENGINE CV22S75557	6744N
SABRE 2254HV BRIGGS & STRATTON	22 HP			5746N
SABRE 2354HV KOHLER	23 HP		ENGINE CV23S75531, 41	5802N
SABRE 2354HV KOHLER	23 HP		ENGINE CV23S75556	17628N
SABRE 2354HV KOHLER	23 HP		ENGINE CV23S75556	6744N
SABRE 2554HV KOHLER	25 HP		DELCO SYSTEM	6744N
SABRE 2554HV KOHLER	25 HP		DENSO SYSTEM	17628N
SRX75 KAWASAKI	9 HP	1996-91		18403N
SRX95 KAWASAKI	12.5 HP	1994-91		18011N
SST16 SPIN STEER JOHN DEERE	16 HP			5776N
SST18 SPIN STEER JOHN DEERE	18 HP			5776N
STX30 KOHLER	9 HP	1993-89	BENDIX TYPE	5775N
STX30 KOHLER	9 HP	1993-89	SOLENOID SHIFT	17628N
STX38 KOHLER	12.5 HP	1993-89	SOLENOID SHIFT	17628N
STX38 KOHLER	12.5 HP	1996-89	BENDIX TYPE	5775N
STX38 KOHLER	13 HP	1996-94	BENDIX TYPE	5770N
STX38 KOHLER	14 HP	1996-94	BENDIX TYPE	5775N
STX46 KOHLER	14 HP		BENDIX TYPE	5775N
STX46 KOHLER	15 HP		BENDIX TYPE	5770N
SX75 KAWASAKI	9 HP	1990-87		18403N
SX85 BRIGGS & STRATTON	13 HP			5742N
SX95 KAWASAKI	12.5 HP	1990-87		18011N
VARIOUS MODELS BRIGGS & STRATTON	16 HP			5743N
VARIOUS MODELS KAWASAKI	12.5 HP		DENSO SYSTEM	18011N
VARIOUS MODELS KAWASAKI	14 HP		DENSO SYSTEM	18009N
VARIOUS MODELS KAWASAKI	17 HP		DENSO SYSTEM	18048N
VARIOUS MODELS KAWASAKI	9 HP		DENSO SYSTEM	18403N
X300 KAWASAKI	17 HP		W/21163-7007	5922N
X300 KAWASAKI	17 HP		W/21163-7031	5922N
X300R KAWASAKI	17 HP		UNITED TECH SYSTEM	5922N
X304 KAWASAKI	17 HP			5922N
X304 KAWASAKI	17 HP		W/21163-7031	5922N
X465 KAWASAKI	21 HP			18549N
X475 KAWASAKI	23 HP			18425N
X485 KAWASAKI	25 HP			18425N
X485AWS KAWASAKI	25 HP			18425N
X575 4WD KAWASAKI	23 HP			18425N
X575 KAWASAKI	23 HP			18425N



JOHN DEERE STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
X585 4WD KAWASAKI	25 HP			18425N
X585 KAWASAKI	25 HP			18425N
KAWASAKI STARTERS				
VARIOUS MODELS FD731V ENGINE			DENSO SYSTEM	18990N
VARIOUS MODELS FD731VAS				19918N
VARIOUS MODELS FH381V ENGINE			UNITED TECH SYSTEM	5922N
VARIOUS MODELS FH430V ENGINE			UNITED TECH SYSTEM	5922N
VARIOUS MODELS FH451V ENGINE			UNITED TECH SYSTEM	5952N
VARIOUS MODELS FH480V ENGINE			UNITED TECH SYSTEM	5922N
VARIOUS MODELS FZ340D ENGINE			HITACHI SYSTEM	18309N
VARIOUS MODELS FZ400D ENGINE			DENSO SYSTEM	18976N
KOHLER STARTERS				
AIR COOLED	10 HP			18966N
AIR COOLED	12 HP			18966N
AIR COOLED	8.5 HP			18966N
AIR COOLED K-211			UNITED TECH SYSTEM	5760N
AIR COOLED K-301			UNITED TECH SYSTEM	5760N
AIR COOLED K-321			UNITED TECH SYSTEM	5760N
AIR COOLED K-341			UNITED TECH SYSTEM	5760N
TH-16, TH-18	14-16 HP ENGINES			5797N
VARIOUS MODELS OHC	16 & 18 HP	1996-UP		18504N
KUBOTA ALTERNATORS				
B1550D KUBOTA D850-5B	17 HP DIESEL	1996-88	W/PM ALTERNATOR	10932N
B1550E KUBOTA D850-5B	17 HP DIESEL	1996-88	W/PM ALTERNATOR	10932N
B20 KUBOTA D950AT	20 HP DIESEL	1998-90	W/PM ALTERNATOR	10932N
B20TL KUBOTA D950AT	20 HP DIESEL	1998-90	W/PM ALTERNATOR	10932N
B5200DT KUBOTA D750	13 HP DIESEL	1996-83	W/PM ALTERNATOR	10932N
B5200E KUBOTA D750	13 HP DIESEL	1995-83	W/PM ALTERNATOR	10932N
B6200DT KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200E KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200HSD KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200HSDT KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200HSE KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200HST KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B6200T KUBOTA D850-5B	15 HP DIESEL	1994-83	W/PM ALTERNATOR	10932N
B7410DT-F KUBOTA D782-E	18 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
B7410DT-R KUBOTA D782-E	18 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
B8200DT KUBOTA D950	19 HP DIESEL	1990-81	W/PM ALTERNATOR	10932N
B8200E KUBOTA D950	19 HP DIESEL	1990-81	W/PM ALTERNATOR	10932N
B8200HSD KUBOTA D950	19 HP DIESEL	1990-83	W/PM ALTERNATOR	10932N
B8200HSE KUBOTA D950	19 HP DIESEL	1990-83	W/PM ALTERNATOR	10932N
B8200HST KUBOTA D950 DIESEL		1990-83	W/PM ALTERNATOR	10932N
B9200DT KUBOTA V1200-A	22.5 HP DIESEL	1990-87	W/PM ALTERNATOR	10932N
B9200E KUBOTA V1200-A	22.5 HP DIESEL	1990-87	W/PM ALTERNATOR	10932N
B9200HSD KUBOTA V1200-A	22.5 HP DIESEL	1990-87	W/PM ALTERNATOR	10932N
B9200HSE KUBOTA V1200-A	22.5 HP DIESEL	1990-87	W/PM ALTERNATOR	10932N
BX1500D KUBOTA Z602E		2003-ON	W/PM ALTERNATOR	10932N
BX1800D KUBOTA D722E-BX	18 HP DIESEL	2003-01	W/PM ALTERNATOR	10932N

Lawn & Garden - Application Guide

KUBOTA ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
BX1830D KUBOTA D722E-BX	18 HP DIESEL	2006-04	W/PM ALTERNATOR	10932N
BX22 KUBOTA D905E-BX	22 HP DIESEL	2003-02	W/PM ALTERNATOR	10932N
BX2200D KUBOTA D905E-BX	22 HP DIESEL	2003-01	W/PM ALTERNATOR	10932N
BX2230D KUBOTA D902E-BX	22 HP DIESEL	2006-04	W/PM ALTERNATOR	10932N
BX23LB KUBOTA D905E-BX	22 HP DIESEL	2005-04	W/PM ALTERNATOR	10932N
F2000 KUBOTA D950-FM	20 HP DIESEL	1994-86	W/PM ALTERNATOR	10932N
F2100E KUBOTA D950-FM	21 HP DIESEL	1995-89	W/PM ALTERNATOR	10932N
F2260R KUBOTA D1005EFM	22 HP DIESEL			12179N
F2400 KUBOTA D1105FM	24 HP DIESEL			12179N
F2560E KUBOTA D1105EFM	25 HP DIESEL			12179N
F2560R KUBOTA D1105EFM	25 HP DIESEL			12179N
F2803 KUBOTA		1986-ON	W/DENSO ALTERNATOR	12200N
F2880 KUBOTA	28 HP DIESEL	2006		12179N
F2880E KUBOTA	28 HP DIESEL	2006		12179N
F3060R KUBOTA V1305FM	30 HP DIESEL			12179N
F3680 KUBOTA	36 HP DIESEL	2006		12179N
FZ2100 KUBOTA D905FZ	21 HP DIESEL			12179N
FZ2400 KUBOTA D1105F	24 HP DIESEL			12179N
G1800 KUBOTA D662	16 HP DIESEL	1995-89	W/PM ALTERNATOR	10932N
G1800S KUBOTA D662	16 HP DIESEL	1995-89	W/PM ALTERNATOR	10932N
G1900 KUBOTA D722	18 HP	1995-89	W/PM ALTERNATOR	10932N
G2000 KUBOTA WG750-G	21 HP	1995-89	W/PM ALTERNATOR	10932N
G3200 KUBOTA Z400	10 HP	1990-83	W/PM ALTERNATOR	10932N
G4200H KUBOTA Z430	12 HP	1990-84	W/PM ALTERNATOR	10932N
G5200H KUBOTA D600	14 HP	1990-84	W/PM ALTERNATOR	10932N
G6200H KUBOTA D640	16 HP	1990-86	W/PM ALTERNATOR	10932N
GF1800E-R KUBOTA D722	18 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
GF1800-R KUBOTA D722	18 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
K008 KUBOTA D722	10 HP DIESEL	2000-ON	W/PM ALTERNATOR	10932N
K008-3 KUBOTA D722EBH-3	10 HP DIESEL	2000-ON	W/PM ALTERNATOR	10932N
KH007 KUBOTA Z430-K1	8.5 HP DIESEL	1993-89	W/PM ALTERNATOR	10932N
KH35 KUBOTA D850BH	13.7 HP DIESEL	1985-ON		10932N
KH41 KUBOTA D950	17.8 HP DIESEL	1988-ON		10932N
KH61 KUBOTA D950BH	22.2 HP DIESEL	1988-ON		10932N
L2650DT KUBOTA D1402DIAE	29 HP DIESEL	1996-90	W/DENSO ALTERNATOR	12198N
L2650F KUBOTA D1402DIAE	29 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L2650GST KUBOTA D1402DIAE	29 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L2950DT KUBOTA D1462DIAE	30 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L2950DTGST KUBOTA D1462DIAE	30 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L2950F KUBOTA D1462DIAE	30 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L2950GST KUBOTA D1462DIAE	30 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L3450DTGST KUBOTA V1902DIAE	36.7 HP DIESEL	1993-90	W/DENSO ALTERNATOR	12198N
L3450F KUBOTA V1902DIAE	36.7 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L3450GST KUBOTA V1902DIAE	36.7 HP DIESEL	1993-90	W/DENSO ALTERNATOR	12198N
L3650DT KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L3650DTGST KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L3650DTW KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	W/DENSO ALTERNATOR	12198N
L3650F KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	W/DENSO ALTERNATOR	12198N
L3650GST KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	W/DENSO ALTERNATOR	12198N
L3650T KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	W/DENSO ALTERNATOR	12198N



KUBOTA ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
L4350DT KUBOTA DIESEL		1997-91	W/DENSO ALTERNATOR	12200N
L4350HDT KUBOTA DIESEL		1997-91	W/DENSO ALTERNATOR	12200N
L4350MDT KUBOTA DIESEL		1997-91	W/DENSO ALTERNATOR	12200N
L4850HDT KUBOTA F2503DI	53 HP DIESEL	1997-91	W/DENSO ALTERNATOR	12200N
L5450DT KUBOTA F2803DI	54.5 HP DIESEL	1997-91	W/DENSO ALTERNATOR	12200N
L5450HDT KUBOTA F2803DI	54.5 HP DIESEL	1997-91	W/DENSO ALTERNATOR	12200N
R510 KUBOTA V2203DI	50 HP DIESEL	1990-ON	W/DENSO ALTERNATOR	12200N
R520BU-1A KUBOTA V2203	49 HP DIESEL	1995-ON	W/DENSO ALTERNATOR	12200N
RTV900G-H KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900G-K KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900G-T KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900R KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900R-AS KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900S-AS KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900T KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900T-TS KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900W KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900W6-S KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
RTV900W-HS KUBOTA D902E-UV	21.6 HP DIESEL		W/DENSO ALTERNATOR	12534N
T1600H KUBOTA Z482	13.5 HP GAS	1995-90	W/PM ALTERNATOR	10932N
TG1860 KUBOTA D722EGX	18 HP DIESEL			12190N
TG1860G WG590V	18 HP			12190N
VARIOUS MODELS V1502 ENGINE		1986-ON		12180N
VARIOUS MODELS V1702 ENGINE		1991-ON	KUBOTA # 17356-64012	12200N
ZD18 KUBOTA D722	18 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
ZD21 KUBOTA D782	21 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
ZD25 KUBOTA D1105	28 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
ZD28 KUBOTA D1105	28 HP DIESEL	2005-ON	W/PM ALTERNATOR	10932N
KUBOTA STARTERS				
B1700DT KUBOTA D905-D10	17 HP DIESEL	1998-95	mitsubishi system (LATE)	18396N
B1700E KUBOTA D905-D10	17 HP DIESEL	1998-95	mitsubishi system (LATE)	18396N
B1700HSD KUBOTA D905-D10	17 HP DIESEL	1998-95	mitsubishi system (LATE)	18396N
B1700HSDB KUBOTA D905-D10	17 HP DIESEL	1998-95	mitsubishi system (LATE)	18396N
B2100DT KUBOTA D1005-D10	21 HP DIESEL	1998-95	mitsubishi system	18396N
B2100HSD KUBOTA D1005-D10	21 HP DIESEL	1998-95	mitsubishi system	18396N
B2100HSDB KUBOTA D1005-D10	21 HP DIESEL	1998-95	mitsubishi system	18396N
B2320DT KUBOTA D1105-E3-D22	23 HP DIESEL	2009-08	mitsubishi system	18396N
B2320DTN KUBOTA D1105-E3-D22	23 HP DIESEL	2009-08	mitsubishi system	18396N
B2320DWO KUBOTA D1105-E3-D22	23 HP DIESEL	2009-08	mitsubishi system	18396N
B2320HSD KUBOTA D1105-E3-D22	23 HP DIESEL	2009-08	mitsubishi system	18396N
B2400HS142 KUBOTA D1105-D10	24 HP DIESEL	1998-95	mitsubishi system	18396N
B2400HS143 KUBOTA D1105-D10	24 HP DIESEL	1998-95	mitsubishi system	18396N
B2400HST-E KUBOTA D1105-D10	24 HP DIESEL	1998-95	mitsubishi system (LATE)	18396N
B2410HSDB KUBOTA D1105-D10	24 HP DIESEL	1998-95	mitsubishi system	18396N
B2410HSE KUBOTA D1105-D10	24 HP DIESEL	1998-95	mitsubishi system	18396N
B26 KUBOTA D1105-E2-UV		2009-05	mitsubishi system	18397N
B2620HSD KUBOTA D1105-E3-D22	26 HP DIESEL	2009-08	mitsubishi system	18396N
B2630HSD KUBOTA D1105-E2	26 HP DIESEL	2009-09	mitsubishi system	18396N
B2710HSD KUBOTA V1305	27 HP DIESEL	1996-ON	mitsubishi system	18397N
B2910HSD KUBOTA V1305	30 HP DIESEL	1996-ON	mitsubishi system	18397N

Lawn & Garden - Application Guide

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
B2920HSD KUBOTA D1305-E3-D22	29 HP DIESEL	2009-08	mitsubishi system	18396N
B3030HSD KUBOTA V1505-E2	30 HP DIESEL	2009-09	mitsubishi system	18397N
B3030HSDC KUBOTA V1505-E2	30 HP DIESEL	2009-09	mitsubishi system	18397N
B3200HSD KUBOTA V1505-E3-D24	32 HP DIESEL	2009-08	mitsubishi system	18397N
B7410DT-F KUBOTA D782-E	18 HP DIESEL	2005-ON	mitsubishi system	18396N
B7410DT-R KUBOTA D782-E	18 HP DIESEL	2005-ON	mitsubishi system	18396N
B7500DT KUBOTA D1005-E	21 HP DIESEL	1996-ON	mitsubishi system	18396N
B7500HSD KUBOTA D1005-E	21 HP DIESEL	1996-ON	mitsubishi system	18396N
B7510DT-F KUBOTA D1005-E	21 HP DIESEL	2007-04	mitsubishi system	18396N
B7510DTN-R KUBOTA D1005-E	21 HP DIESEL	2007-04	mitsubishi system	18396N
B7510DT-R KUBOTA D1005-E	21 HP DIESEL	2007-04	mitsubishi system	18396N
B7510HSD-F KUBOTA D1005-E	21 HP DIESEL	2007-04	mitsubishi system	18396N
B7510HSD-R KUBOTA D1005-E	21 HP DIESEL	2007-04	mitsubishi system	18396N
B7610HSD-F KUBOTA D1105-E	24 HP DIESEL	2007-04	mitsubishi system	18396N
B7610HSD-R KUBOTA D1105-E	24 HP DIESEL	2007-04	mitsubishi system	18396N
B7800HSD-F KUBOTA V1505	30 HP DIESEL	2009-03	mitsubishi system	18397N
B7800HSD-R KUBOTA V1505	30 HP DIESEL	2009-03	mitsubishi system	18397N
F2000 KUBOTA D950FM	20 HP DIESEL	1994-86		17354N
F2000 KUBOTA D950-FM	20 HP DIESEL	1994-86		17354N
F2100 KUBOTA D950FM	21 HP DIESEL	1995-89		17354N
F2100 KUBOTA D950-FM	21 HP DIESEL	1995-89		17354N
F2100E KUBOTA D950FM	21 HP DIESEL	1995-89		17354N
F2100E KUBOTA D950-FM	21 HP DIESEL	1995-89		17354N
F2260R KUBOTA D1005EFM	22 HP DIESEL			18414N
F2260-R KUBOTA D1005-EFM	22 HP DIESEL			18414N
F2400 KUBOTA D1105FM	24 HP DIESEL			17028N
F2400 KUBOTA D1105-FM	24 HP DIESEL			17028N
F2560E KUBOTA D1105EFM	25 HP DIESEL			18414N
F2560-E KUBOTA D1105-EFM	25 HP DIESEL			18414N
F2560R KUBOTA D1105EFM	25 HP DIESEL			18414N
F2560-R KUBOTA D1105-EFM	25 HP DIESEL			18414N
F3060R KUBOTA V1305FM	30 HP DIESEL			18414N
F3060-R KUBOTA V1305-FM	30 HP DIESEL			18414N
FZ2100 KUBOTA D905FZ	21 HP DIESEL			17028N
FZ2100 KUBOTA D905-FZ	21 HP DIESEL			17028N
FZ2400 KUBOTA D1105F	24 HP DIESEL			17028N
FZ2400 KUBOTA D1105-F	24 HP DIESEL			17028N
G2160 KUBOTA D782	21 HP	2005-ON	DENSO SYSTEM	18417N
G2160-R48S KUBOTA D782	21 HP	2005-ON	DENSO SYSTEM	18417N
GF1800ER KUBOTA D722	18 HP DIESEL			17028N
GF1800E-R KUBOTA D722	18 HP DIESEL			17028N
GF1800R KUBOTA D722	18 HP DIESEL			17028N
GF1800-R KUBOTA D722	18 HP DIESEL			17028N
GR2100 KUBOTA	21 HP DIESEL	2005-ON	DENSO SYSTEM	18417N
GV1125-Q60 KUBOTA D1703-B SHIANO-8	20 HP DIESEL	1995-ON	DENSO SYSTEM	18144N
GV3170-SW KUBOTA V1902B	22 HP DIESEL	1986-ON	DENSO SYSTEM	18144N
GV3190QSW KUBOTA V2203	24.7 HP DIESEL	1992-ON	EARLY VERSION	18144N
GV3190QSW KUBOTA V2203	24.7 HP DIESEL	1992-ON	LATER VERSION	18144N
GV3240 KUBOTA S2800B	33 HP DIESEL	1986-ON	DENSO SYSTEM	18144N
GV3240-SW KUBOTA S2800B	33 HP DIESEL	1986-ON	DENSO SYSTEM	18144N

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
GV3250QSW KUBOTA F2803B	31.6 HP DIESEL	1995-ON	EARLY VERSION	18144N
GV3250QSW KUBOTA F2803B	31.6 HP DIESEL	1995-ON	LATER VERSION	18144N
KC120 KUBOTA ZB600C ENGINE		1991-ON	DENSO SYSTEM	18148N
KC20 KUBOTA V1502BS ENGINE		1982-ON	DENSO SYSTEM	18144N
KC30 KUBOTA S2200BS ENGINE		1982-ON	DENSO SYSTEM	18142N
KC80 KUBOTA ZB400B ENGINE		1991-ON	DENSO SYSTEM	18148N
KH12FD KUBOTA D1402 DIESEL		1982-ON	DENSO SYSTEM	18144N
KH14 KUBOTA D1301 DIESEL		1980-77	DENSO SYSTEM	18144N
KH151 KUBOTA V1902BH	43.3 HP DIESEL	1988-ON	DENSO SYSTEM	18144N
KH170L KUBOTA S2600	48 HP DIESEL	1985-ON	DENSO SYSTEM	18144N
KH18 KUBOTA S2200	35 HP DIESEL	1981-ON	DENSO SYSTEM	18144N
KH191 KUBOTA S2800D	59 HP DIESEL	1988-ON	DENSO SYSTEM	18144N
KH20 KUBOTA V1902 DIESEL		1981-ON	DENSO SYSTEM	18144N
KH28 KUBOTA S2600	48 HP DIESEL	1984-ON	DENSO SYSTEM	18144N
KH35 KUBOTA D850BH	13.7 HP DIESEL	1985-ON	DENSO SYSTEM	18148N
KH41 KUBOTA D950	17.8 HP DIESEL	1988-ON	TO SERIAL #661952	18148N
KH60 KUBOTA D1302	27.1 HP DIESEL	1986-ON	DENSO SYSTEM	18144N
KH61 KUBOTA D950BH	22.2 HP DIESEL	1988-ON	TO SERIAL #661952	18148N
KH90 KUBOTA V1702	34.7 HP DIESEL	1985-ON	DENSO SYSTEM	18144N
KH91 KUBOTA D1402BH	30.1 HP DIESEL	1988-ON	DENSO SYSTEM	18144N
KJS130D KUBOTA D1703 D1703 DIESEL			DENSO SYSTEM	18145N
KJS130DX KUBOTA D1703E DIESEL D1703E DIESEL			DENSO SYSTEM	18145N
KJS150V KUBOTA V2203 DIESEL V2203 DIESEL			EARLY VERSION	18144N
KJS150V KUBOTA V2203 DIESEL V2203 DIESEL			LATER VERSION	18144N
KJS150VX KUBOTA V2203E DIESEL V2203E DIESEL			DENSO SYSTEM	18144N
KJT210V KUBOTA V2203 DIESEL V2203 DIESEL			EARLY VERSION	18144N
KJT210V KUBOTA V2203 DIESEL V2203 DIESEL			LATER VERSION	18144N
KJT210VX KUBOTA V2203E DIESEL V2203E DIESEL			DENSO SYSTEM	18144N
KJT270FSW KUBOTA F2803 DIESEL F2803 DIESEL			EARLY VERSION	18144N
KJT270FSW KUBOTA F2803 DIESEL F2803 DIESEL			LATER VERSION	18144N
KJT270FX-S KUBOTA F2803E DIESEL F2803E DIESEL			DENSO SYSTEM	18144N
KX101 KUBOTA V1902BH	36.6 HP DIESEL	1992-ON	SERIAL #15606-ON	18144N
KX101 KUBOTA V1902BH	36.6 HP DIESEL	1992-ON	TO SERIAL #15605	18144N
KX151 KUBOTA V1902BH	42.7 HP DIESEL	1993-ON	DENSO SYSTEM	18144N
L2250DT KUBOTA D1302DI	26.5 HP DIESEL	1990-85	SERIAL #56309-ON (OPT.)	18144N
L2250DT KUBOTA D1302DI	26.5 HP DIESEL	1990-85	SERIAL #56309-ON (STD.)	18145N
L2250DT KUBOTA D1302DI	26.5 HP DIESEL	1990-85	TO SERIAL #56308	18144N
L2250F KUBOTA D1302DI	26.5 HP DIESEL	1990-85	SERIAL #12401-ON	18145N
L2250F KUBOTA D1302DI	26.5 HP DIESEL	1990-85	TO SERIAL #12400	18144N
L2500DT KUBOTA D1403AE	27 HP DIESEL	1998-ON	DENSO SYSTEM	18145N
L2500F KUBOTA D1403AE	27 HP DIESEL	1998-ON	DENSO SYSTEM	18145N
L2550DT KUBOTA D1402DIA	29.5 HP DIESEL	1990-85	SERIAL #11936-ON	18145N
L2550DT KUBOTA D1402DIA	29.5 HP DIESEL	1990-85	TO SERIAL #11935	18144N
L2550DTGST KUBOTA D1402DIA	29.5 HP DIESEL	1987-85	SERIAL #11936-ON	18145N

Lawn & Garden - Application Guide

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
L2550DTGST KUBOTA D1402DIA	29.5 HP DIESEL	1987-85	TO SERIAL #11935	18144N
L2550F KUBOTA D1402DIA	29.5 HP DIESEL	1990-85	SERIAL #11936-ON	18145N
L2550F KUBOTA D1402DIA	29.5 HP DIESEL	1990-85	TO SERIAL #11935	18144N
L2550GST KUBOTA D1402DIA	29.5 HP DIESEL	1990-86	SERIAL #11936-ON	18145N
L2550GST KUBOTA D1402DIA	29.5 HP DIESEL	1990-86	TO SERIAL #11935	18144N
L2650DT KUBOTA D1402DIAE	29 HP DIESEL	1996-90	DENSO SYSTEM	18145N
L2650F KUBOTA D1402DIAE	29 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L2650GST KUBOTA D1402DIAE	29 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L2800DT-F KUBOTA D1403ME2A	29 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L2800DT-R KUBOTA D1403ME2A	29 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L2800F-F KUBOTA D1403ME2A	29 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L2800F-R KUBOTA D1403ME2A	29 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L2800HST KUBOTA D1403ME2A	29 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L2850DT KUBOTA V1702DIA	34 HP DIESEL	1990-85	DENSO SYSTEM	18144N
L2850DTGST KUBOTA V1702DIA	34 HP DIESEL	1990-85	DENSO SYSTEM	18144N
L2850F KUBOTA V1702DIA	34 HP DIESEL	1990-85	DENSO SYSTEM	18144N
L2850GST KUBOTA V1702DIA	34 HP DIESEL	1990-85	DENSO SYSTEM	18144N
L285DT KUBOTA V1500A	30 HP DIESEL	1981-75	DENSO SYSTEM	18144N
L285F KUBOTA V1500A	30 HP DIESEL	1981-75	DENSO SYSTEM	18144N
L285HF KUBOTA V1500A	30 HP DIESEL	1981-75	DENSO SYSTEM	18144N
L2900DT KUBOTA D1503LA	32 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L2900DTGST KUBOTA D1503LA	32 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L2900F KUBOTA D1503LA	32 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L2900GST KUBOTA D1503LA	32 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L2950DT KUBOTA D1462DIAE	30 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L2950DTGST KUBOTA D1462DIAE	30 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L2950F KUBOTA D1462DIAE	30 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L2950GST KUBOTA D1462DIAE	30 HP DIESEL	1993-91	DENSO SYSTEM	18145N
L295DT KUBOTA D1301A	30 HP DIESEL	1982-78	DENSO SYSTEM	18144N
L295F KUBOTA D1301A	30 HP DIESEL	1982-79	DENSO SYSTEM	18144N
L3010DT KUBOTA D1503LAN	32 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3010F KUBOTA D1503LAN	32 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3010GST KUBOTA D1503LAN	32 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3010HST KUBOTA D1503LAN	32 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L305DT KUBOTA D1301DA	30 HP DIESEL	1982-79	DENSO SYSTEM	18142N
L305F KUBOTA D1301DA	30 HP DIESEL	1982-79	DENSO SYSTEM	18142N
L3130DT-F KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130DT-R KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130F-F KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130F-R KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130GST-F KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130GST-R KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130HST-C KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130HST-F KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3130HST-R KUBOTA D1503MAE-GST	32 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3240F KUBOTA D1703-M-E2	34 HP DIESEL	2008-07	DENSO SYSTEM	18145N
L3240GST KUBOTA D1703-M-E2	34 HP DIESEL	2008-07	DENSO SYSTEM	18145N
L3240HST KUBOTA D1703-M-E2	34 HP DIESEL	2008-07	DENSO SYSTEM	18145N
L3240HSTC KUBOTA D1703-M-E2	34 HP DIESEL	2008-07	DENSO SYSTEM	18145N
L3250DT KUBOTA V1902DIA	40 HP DIESEL	1990-89	DENSO SYSTEM	18144N

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
L3250F KUBOTA V1902DIA	40 HP DIESEL	1990-89	DENSO SYSTEM	18144N
L3300DT KUBOTA D1703-A	35 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L3300DTGST KUBOTA D1703-A	35 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L3300F KUBOTA D1703-A	35 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L3300GST KUBOTA D1703-A	35 HP DIESEL	1998-94	DENSO SYSTEM	18145N
L3350HDT KUBOTA V1902DIA	40 HP DIESEL	1990-85	DENSO SYSTEM	18142N
L3350MDT KUBOTA V1902DIA	40 HP DIESEL	1990-85	DENSO SYSTEM	18142N
L3400DT-F KUBOTA D1703MAE2A	34.7 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L3400DT-R KUBOTA D1703MAE2A	34.7 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L3400F-F KUBOTA D1703MAE2A	34.7 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L3400F-R KUBOTA D1703MAE2A	34.7 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L3400HST KUBOTA D1703MAE2A	34.7 HP DIESEL	2009-05	DENSO SYSTEM	18145N
L3410DT KUBOTA D1703A	35.1 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3410GST KUBOTA D1703A	35.1 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3410HST KUBOTA D1703A	35.1 HP DIESEL	2002-98	DENSO SYSTEM	18145N
L3430DT-F KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3430DT-R KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3430GST-F KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3430GST-R KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3430HST-F KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3430HST-R KUBOTA D1703MAE	35.1 HP DIESEL	2003-ON	DENSO SYSTEM	18145N
L3450DTGST KUBOTA V1902DIAE	36.7 HP DIESEL	1993-90	DENSO SYSTEM	18144N
L3450F KUBOTA V1902DIAE	36.7 HP DIESEL	1993-91	DENSO SYSTEM	18144N
L3450GST KUBOTA V1902DIAE	36.7 HP DIESEL	1993-90	DENSO SYSTEM	18144N
L345DT KUBOTA V1501DA	34 HP DIESEL	1985-78	DENSO SYSTEM	18142N
L345F KUBOTA V1501DA	34 HP DIESEL	1986-78	DENSO SYSTEM	18142N
L345FW KUBOTA V1501DA	34 HP DIESEL	1985-85	DENSO SYSTEM	18142N
L355DTSS KUBOTA V1702A	36 HP DIESEL	1987-82	DENSO SYSTEM	18142N
L355SS KUBOTA V1702A	36 HP DIESEL	1987-82	DENSO SYSTEM	18142N
L35TL KUBOTA D1703TLB	35 HP DIESEL	1996-ON	DENSO SYSTEM	18145N
L35TLB KUBOTA D1703TLB	35 HP DIESEL	1996-ON	DENSO SYSTEM	18145N
L3600DT KUBOTA V1903A	39 HP DIESEL	1998-94	DENSO SYSTEM	18144N
L3600DTC KUBOTA V1903A	36 HP DIESEL	1997-94	DENSO SYSTEM	18144N
L3600GST KUBOTA V1903A	39 HP DIESEL	1998-94	DENSO SYSTEM	18144N
L3600GSTC KUBOTA V1903A	38.5 HP DIESEL	1998-96	DENSO SYSTEM	18144N
L3600GSTCA KUBOTA V1903A	38.5 HP DIESEL	1998-96	DENSO SYSTEM	18144N
L3650DT KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	DENSO SYSTEM	18144N
L3650DTGST KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	DENSO SYSTEM	18144N
L3650DTW KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	DENSO SYSTEM	18144N
L3650F KUBOTA V1902DIXA	40.5 HP DIESEL	1993-91	DENSO SYSTEM	18144N
L3650GST KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	DENSO SYSTEM	18144N
L3650T KUBOTA V1902DIXA	40.5 HP DIESEL	1993-90	DENSO SYSTEM	18144N
L3710DT KUBOTA V1903AN	38.5 HP DIESEL	2002-98	DENSO SYSTEM	18144N
L3710GST KUBOTA V1903AN	38.5 HP DIESEL	2002-98	DENSO SYSTEM	18144N
L3710HST KUBOTA V1903AN	38.5 HP DIESEL	2002-98	DENSO SYSTEM	18144N
L3710HSTC KUBOTA V1903AN	38.5 HP DIESEL	2002-98	DENSO SYSTEM	18144N
L3750HDT KUBOTA F2302DIL	45 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L3750HF KUBOTA F2302DIL	45 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L3750MDT KUBOTA F2302DIL	45 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L3750MF KUBOTA F2302DIL	45 HP DIESEL	1990-84	DENSO SYSTEM	18142N

Lawn & Garden - Application Guide

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
L4150DTN KUBOTA F2302DI	50 HP DIESEL	1990-88	DENSO SYSTEM	18142N
L4150F KUBOTA F2302DI	50 HP DIESEL	1992-90	DENSO SYSTEM	18142N
L4150HDT KUBOTA F2302DI	50 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L4150HF KUBOTA F2302DI	50 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L4150MDT KUBOTA F2302DI	50 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L4150MF KUBOTA F2302DI	50 HP DIESEL	1990-84	DENSO SYSTEM	18142N
L4200DT KUBOTA DIESEL		1998-94	DENSO SYSTEM	18144N
L4200F KUBOTA DIESEL		1998-94	DENSO SYSTEM	18144N
L4200FGST KUBOTA DIESEL		1998-94	DENSO SYSTEM	18144N
L4200GST KUBOTA DIESEL		1998-94	DENSO SYSTEM	18144N
L4200GSTC KUBOTA DIESEL		1997-94	DENSO SYSTEM	18144N
L4200GSTCA KUBOTA DIESEL		1998-94	DENSO SYSTEM	18144N
L4300DT KUBOTA DIESEL		2004-01	DENSO SYSTEM	18144N
L4300F KUBOTA DIESEL		2004-01	DENSO SYSTEM	18144N
L4310DT KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4310F KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4310GST KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4310GSTC KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4310HST KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4310HSTC KUBOTA DIESEL		2002-98	DENSO SYSTEM	18144N
L4350DT KUBOTA DIESEL		1997-91	DENSO SYSTEM	18142N
L4350HDT KUBOTA DIESEL		1997-91	DENSO SYSTEM	18142N
L4350MDT KUBOTA DIESEL		1997-91	DENSO SYSTEM	18142N
L4610GST KUBOTA DIESEL		2002-01	DENSO SYSTEM	18144N
L4610HST KUBOTA DIESEL		2002-01	DENSO SYSTEM	18144N
L4610HSTC KUBOTA DIESEL		2002-01	DENSO SYSTEM	18144N
L4850HDT KUBOTA F2503DI	53 HP DIESEL	1997-91	DENSO SYSTEM	18142N
L5450DT KUBOTA F2803DI	54.5 HP DIESEL	1997-91	DENSO SYSTEM	18142N
L5450HDT KUBOTA F2803DI	54.5 HP DIESEL	1997-91	DENSO SYSTEM	18142N
M4000 KUBOTA S2200A	40 HP DIESEL	1981-77	DENSO SYSTEM	18142N
M4030 KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4030DT KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4030F KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4030MDT KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4030MF KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4030SU KUBOTA S2602DIA	51 HP DIESEL	1996-86	DENSO SYSTEM	18142N
M4030TF KUBOTA S2602DIA	51 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M4050 KUBOTA S2600	48 HP DIESEL	S1985-82	DENSO SYSTEM	18142N
M4050DT KUBOTA S2600	48 HP DIESEL	1985-82	DENSO SYSTEM	18142N
M4050F KUBOTA S2600	48 HP DIESEL	1985-82	DENSO SYSTEM	18142N
M4050T KUBOTA S2600	48 HP DIESEL	1985-82	DENSO SYSTEM	18142N
M4500DC KUBOTA S2600	55.5 HP DIESEL	1985-78	DENSO SYSTEM	18142N
M4500DT KUBOTA S2600	55.5 HP DIESEL	1985-78	DENSO SYSTEM	18142N
M4500F KUBOTA S2600	55.5 HP DIESEL	1984-79	DENSO SYSTEM	18142N
M4700DT KUBOTA F2803ELA	51 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M4700F KUBOTA F2803ELA	51 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M4700S KUBOTA F2803ELA	51 HP DIESEL	1998-96	DENSO SYSTEM	18142N
M4700SD KUBOTA F2803ELA	51 HP DIESEL	1998-96	DENSO SYSTEM	18142N
M4800SU KUBOTA V2403MEA	50 HP DIESEL	2009-02	DENSO SYSTEM	18142N
M4800SUD KUBOTA V2403MEA	50 HP DIESEL	2009-02	DENSO SYSTEM	18142N



KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
M4900 KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900C KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900DT KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900DTC KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900F KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SC KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SCS-F KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SDC KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SD-F KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SUD-F KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SUD-R KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SU-F KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4900SU-R KUBOTA F2803	49.5 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M4950DT KUBOTA S2800A	55 HP DIESEL	1993-83	DENSO SYSTEM	18142N
M4950DTC KUBOTA S2800A	55 HP DIESEL	1985-83	DENSO SYSTEM	18142N
M4950F KUBOTA S2800A	55 HP DIESEL	1993-83	DENSO SYSTEM	18142N
M4950FC KUBOTA S2800A	55 HP DIESEL	1985-83	DENSO SYSTEM	18142N
M4950S KUBOTA S2800A	55 HP DIESEL	1993-83	DENSO SYSTEM	18142N
M5030DT KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030DTL KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030F KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030L KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030MDT KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030MDTL KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030MF KUBOTA S2800A	60 HP DIESEL	1989-86	DENSO SYSTEM	18142N
M5030SU KUBOTA S2800A	60 HP DIESEL	1996-90	DENSO SYSTEM	18142N
M5030SUDT KUBOTA S2800A	60 HP DIESEL	1996-90	DENSO SYSTEM	18142N
M5030SUMDT KUBOTA S2800A	60 HP DIESEL	1996-90	DENSO SYSTEM	18142N
M5400DT KUBOTA F2803A	58 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M5400DT-N KUBOTA F2803A	58 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M5400F KUBOTA F2803A	58 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M5400S KUBOTA F2803A	58 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M5400SD KUBOTA F2803A	58 HP DIESEL	1997-95	DENSO SYSTEM	18142N
M5700 KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700C KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700DT KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700DTC KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700DT-N KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700HDC KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700HD-F KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700SC KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700SDC KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700SD-F KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700SDN-F KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
M5700S-F KUBOTA F2803-EA	57 HP DIESEL	2006-01	DENSO SYSTEM	18142N
NSU25 KUBOTA		1980-ON	DENSO SYSTEM	18144N
NSU35 KUBOTA S2200 ENGINE		1976-ON	DENSO SYSTEM	18144N
NX3000 KUBOTA D1301 ENGINE		1981-77	DENSO SYSTEM	18144N
R310 KUBOTA V1305	26.6 HP DIESEL	1989-ON	TO SERIAL #262988	18148N
R410 KUBOTA V1902	39.5 HP DIESEL	1989-ON	DENSO SYSTEM	18144N

Lawn & Garden - Application Guide

KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
R420 KUBOTA D1503T	43 HP DIESEL	1995-ON	TO SERIAL #2965-ON	18144N
R420 KUBOTA D1503T	43 HP DIESEL	1995-ON	TO SERIAL #2964	18144N
R420BU-1A KUBOTA D1503T	43 HP DIESEL	1995-ON	TO SERIAL #2965-ON	18144N
R420BU-1A KUBOTA D1503T	43 HP DIESEL	1995-ON	TO SERIAL #2964	18144N
R420S1 KUBOTA D1503T	43 HP DIESEL	1995-ON	DENSO SYSTEM	18144N
R420S2 KUBOTA D1503T	43 HP DIESEL	1995-ON	DENSO SYSTEM	18144N
R520S1 KUBOTA V2203	49 HP DIESEL	1995-ON	DENSO SYSTEM	18144N
R520S2 KUBOTA V2203	49 HP DIESEL	1995-ON	DENSO SYSTEM	18144N
RX3600 KUBOTA V1502C ENGINE		1981-ON	DENSO SYSTEM	18144N
SQ1140 KUBOTA D1703 DIESEL			DENSO SYSTEM	18142N
SQ1200 KUBOTA V2203 DIESEL			DENSO SYSTEM	18142N
SQ3170 KUBOTA D1703 DIESEL			DENSO SYSTEM	18142N
SQ3250SW KUBOTA V2203 DIESEL			DENSO SYSTEM	18142N
T146040 GH410V	12.5 HP			18009N
T1460-40 GH410V	12.5 HP			18009N
T1460A40 GH410V	12.5 HP			18009N
T1460A-40 GH410V	12.5 HP			18009N
T1460B40 GH410V	12.5 HP			18009N
T1460B-40 GH410V	12.5 HP			18009N
T156040 GH420V	14 HP			18009N
T1560-40 GH420V	14 HP			18009N
T156044 GH420V	14 HP			18009N
T1560-44 GH420V	14 HP			18009N
T1560A40 GH420V	14 HP			18009N
T1560A-40 GH420V	14 HP			18009N
T1560A44 GH420V	14 HP			18009N
T1560A-44 GH420V	14 HP			18009N
T1560B40 GH420V	14 HP			18009N
T1560B-40 GH420V	14 HP			18009N
T1560B44 GH420V	14 HP			18009N
T1560B-44 GH420V	14 HP			18009N
T1570 KOHLER CV15	15 HP			6744N
T1570 KOHLER CV15	15 HP			6744N
T1600H Z482	13.5 HP	1995-90		18162N
T1670 KOHLER CV15	15 HP			6744N
T1670 KOHLER CV15	15 HP			6744N
T1700H GH540V	17 HP	1995-92		18048N
T1700HX GH540V	17 HP	1995-92		18048N
T176048 WG510V	17 HP			17354N
T1760-48 WG510V	17 HP			17354N
T1760A48 WG510V	17 HP			17354N
T1760A-48 WG510V	17 HP			17354N
T1760B48 WG510V	17 HP			17354N
T1760B-48 WG510V	17 HP			17354N
T1770 FH, GH500V	17 HP			18266N
T1770 FH, GH500V	17 HP			18266N
T1870 FH, GH531V	18 HP			18266N
T1870 FH, GH531V	18 HP			18266N
TG1860 KUBOTA D722E-GX	18 HP DIESEL	1997-ON	LATER MODELS	18417N
TG1860 KUBOTA D722EGX	18 HP DIESEL			17028N



KUBOTA STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
TG1860 KUBOTA D722E-GX	18 HP DIESEL			17028N
TG1860G WG590V	18 HP			17354N
TG1860G WG590V	18 HP			17354N
VARIOUS MODELS D1402 ENGINE		1987-ON	DENSO SYSTEM	18144N
VARIOUS MODELS F2302 ENGINE		1992-ON	DENSO SYSTEM	18141N
VARIOUS MODELS F2302 ENGINE		1992-ON	DENSO SYSTEM	18142N
VARIOUS MODELS F2302 ENGINE		1983-ON	DENSO SYSTEM	18142N
VARIOUS MODELS S2200E ENGINE		1992-ON	DENSO SYSTEM	18142N
VARIOUS MODELS S2800 ENGINE		1992-ON	DENSO SYSTEM	18142N
VARIOUS MODELS V1502 ENGINE		1992-ON	OPTIONAL	18144N
VARIOUS MODELS V1502 ENGINE		1992-ON	STANDARD	18144N
VARIOUS MODELS V1502 ENGINE		1991-86	DENSO SYSTEM	18144N
VARIOUS MODELS V1903 ENGINE		1996-ON	DENSO SYSTEM	18141N
VARIOUS MODELS V1903 ENGINE		1996-ON	DENSO SYSTEM	18142N
VARIOUS MODELS Z600 ENGINE		1992-ON	DENSO SYSTEM	18148N
VARIOUS MODELS Z600 ENGINE		1991-84	DENSO SYSTEM	18148N
ZD18 KUBOTA D722	18 HP DIESEL	2005-ON	DENSO SYSTEM	18417N
ZD21 KUBOTA D782	21 HP DIESEL	2005-ON	DENSO SYSTEM	18417N
ZD25 KUBOTA D1105	25 HP DIESEL			18413N
ZD25 KUBOTA D1105	25 HP DIESEL			18413N
ZD28 KUBOTA D1105	28 HP DIESEL			18413N
ZD28 KUBOTA D1105	28 HP DIESEL			18413N
ZG20F GH630	20 HP			6744N
ZG20F GH630	20 HP			6744N
ZG23F GH680	23 HP			6744N
ZG23F GH680	23 HP			6744N
MASSEY FERGUSON STARTERS				
MF 174 PERKINS 4-236 DIESEL		1990-86	LUCAS SYSTEM	17652N
MF-10 TECUMSEH HH-100		1976-75	TECUMSEH SYSTEM	5751N
MF-12 TECUMSEH HH-100		1976-75	TECUMSEH SYSTEM	5751N
MF-165 PERKINS AD4-203 DIESEL		1972-71	LUCAS SYSTEM	17072N
MF-168 PERKINS 4-236 DIESEL		1972-71	LUCAS SYSTEM	17072N
MF-175S PERKINS		1972-70	LUCAS SYSTEM	17072N
MF-178 PERKINS 4-248		1972-70	LUCAS SYSTEM	17072N
MF-184 PERKINS AD4-236 DIESEL		1989-86	LUCAS SYSTEM	17652N
MF-185 PERKINS		1972-70	LUCAS SYSTEM	17072N
MF-188 PERKINS 4-248		1974-72	LUCAS SYSTEM	17072N
MF-194 PERKINS		1993-ON	LUCAS SYSTEM	17652N
MF-194-4 PERKINS		1992-79	LUCAS SYSTEM	17652N
MF-240 PERKINS AD3-152 DIESEL		1999-83	LUCAS SYSTEM	17072N
MF-243 PERKINS		2000-99	LUCAS SYSTEM	17653N
MF-250 PERKINS AD2-152 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-253 PERKINS AD2-152 DIESEL		1999-88	LUCAS SYSTEM	17652N
MF-254 PERKINS AD2-152 DIESEL		1987-82	LUCAS SYSTEM	17652N
MF-261 PERKINS		1998-92	LUCAS SYSTEM (EARLY)	17072N
MF-270 PERKINS AD4-236 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-271 PERKINS 1004.4 DIESEL		2000-98	LUCAS SYSTEM	17072N
MF-274 PERKINS AD4-236 DIESEL		1986-82	LUCAS SYSTEM	17652N
MF-274-4 PERKINS AD4-236 DIESEL		1986-82	LUCAS SYSTEM	17652N
MF-275 PERKINS AD4-248 DIESEL		1982-77	LUCAS SYSTEM	16670N

Lawn & Garden - Application Guide

MASSEY FERGUSON STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
MF-281 PERKINS 1004.4 DIESEL		2000-98	LUCAS SYSTEM	17072N
MF-283 PERKINS AD4-248 DIESEL		1999-85	LUCAS SYSTEM	17072N
MF-290 PERKINS AD4-248 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-294 PERKINS 6-358 DIESEL		1986-82	LUCAS SYSTEM	17652N
MF-294-4 PERKINS 6-358 DIESEL		1986-82	LUCAS SYSTEM	17652N
MF-298 PERKINS 4-318 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-3050 PERKINS 4-236 DIESEL		1989-87	LUCAS SYSTEM	17072N
MF-3060 PERKINS 4-248 DIESEL		1993-87	LUCAS SYSTEM	17072N
MF-3070 PERKINS 4-236 DIESEL		1993-87	LUCAS SYSTEM	17072N
MF-30D PERKINS DIESEL ENGINES		1986-82	LUCAS SYSTEM	17072N
MF-360 PERKINS 3-152 DIESEL		1992-86	LUCAS SYSTEM	17652N
MF-3610 PERKINS AT6-354 DIESEL		1990-87	LUCAS SYSTEM	17072N
MF-3630 PERKINS AT6-354 DIESEL		1990-87	LUCAS SYSTEM	17072N
MF-365 PERKINS		1996-90	LUCAS SYSTEM	17072N
MF-373 PERKINS		1996-90	LUCAS SYSTEM	17652N
MF-374 PERKINS 4-236 DIESEL		1999-89	LUCAS SYSTEM	17652N
MF-375 PERKINS 4-236 DIESEL		1998-86	LUCAS SYSTEM	17072N
MF-377 PERKINS		1996-87	LUCAS SYSTEM	17652N
MF-383 PERKINS 4-248 DIESEL		1998-86	LUCAS SYSTEM	17072N
MF-384 PERKINS 4-236 DIESEL		1992-89	LUCAS SYSTEM	17652N
MF-390 PERKINS 4-248 DIESEL		1998-87	LUCAS SYSTEM	17072N
MF-394 PERKINS 4-248 DIESEL		1993-89	LUCAS SYSTEM	17652N
MF-396 PERKINS 1006.6 DIESEL		1998-92	LUCAS SYSTEM	17072N
MF-397 PERKINS		1996-89	LUCAS SYSTEM	17652N
MF-397T PERKINS		1996-89	LUCAS SYSTEM	17652N
MF-398 PERKINS 4-236 DIESEL		1997-87	LUCAS SYSTEM	17072N
MF-399 PERKINS 6-354 DIESEL		1998-87	LUCAS SYSTEM	17072N
MF-4225 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4233 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4235 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4243 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4245 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4253 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4255 PERKINS 1004.4 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4260 PERKINS 1006.6 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4263 PERKINS 1006.6 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-4270 PERKINS 1006.6 DIESEL		2000-97	LUCAS SYSTEM	17072N
MF-50 PERKINS AD4-203 DIESEL		1975-73	LUCAS SYSTEM	17072N
MF-506 PERKINS		1971-ON	LUCAS SYSTEM	17072N
MF-50E PERKINS A4-248 DIESEL		1994-83	LUCAS SYSTEM	17072N
MF-520 PERKINS		1979-71	LUCAS SYSTEM	17072N
MF-525 PERKINS		1979-71	LUCAS SYSTEM	17072N
MF-6140 PERKINS 1004.4 DIESEL		1998-95	LUCAS SYSTEM	17072N
MF-6150 PERKINS 4-244 DIESEL		1998-95	LUCAS SYSTEM	17072N
MF-620 PERKINS		1972-71	LUCAS SYSTEM	17072N
MF-625 PERKINS		1972-71	LUCAS SYSTEM	17072N
MF-670 PERKINS 4-236 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-690 PERKINS 4-248 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-698 PERKINS 4-318 DIESEL		1986-83	LUCAS SYSTEM	17072N
MF-698T PERKINS 4-318 DIESEL		1986-83	LUCAS SYSTEM	17072N

MASSEY FERGUSON STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
MF-699 PERKINS 6-354 DIESEL		1986-84	LUCAS SYSTEM	17072N
MF-9500 PERKINS		1980-73	LUCAS SYSTEM	17072N
VARIOUS MODELS ONAN ENGINE		1996-ON	RANGER	17291N
MITSUBISHI STARTERS				
K4E MITSUBISHI K4E-61DM				17141N
K4E MITSUBISHI K4E-61DML				17141N
K4F MITSUBISHI K4F-61WM				17141N
K4F MITSUBISHI K4F-62WM				17141N
MUSTANG ALTERNATORS				
920 YANMAR 3TN72 DIESEL		1996-89	HITACHI SYSTEM	12288N
930 YANMAR 3TN82E DIESEL		1989-88	HITACHI SYSTEM	12288N
930A YANMAR 3TN82E DIESEL		1996-89	HITACHI SYSTEM	12288N
940 YANMAR 4TN82E DIESEL		1996-88	HITACHI SYSTEM	12288N
NEW HOLLAND ALTERNATORS				
E27B YANMAR 3TNV82A	21.6 HP DIESEL	2008-ON	DENSO SYSTEM	12356N
MC22	35 HP 3 CYL. DIESEL			12189N
MC28	35 HP 3 CYL. DIESEL			12077N
MC35	35 HP 3 CYL. DIESEL			12077N
NEW HOLLAND STARTERS				
1068 DIESEL ENGINES		1988-77	LUCAS SYSTEM	16670N
1069 DIESEL ENGINES		1988-77	LUCAS SYSTEM	16670N
1075 DIESEL ENGINES		1988-77	LUCAS SYSTEM	16670N
1100 PERKINS 4-236 DIESEL		1984-74	LUCAS SYSTEM	16670N
1100 SHIBAURA 2-43 DIESEL		1982-79	HITACHI SYSTEM	17305N
1110 SHIBAURA 2-43 DIESEL		1986-83	HITACHI SYSTEM	17305N
1112 FORD 256 DIESEL		1980-76	LUCAS SYSTEM	16608N-M127
1114 FORD 256 DIESEL		1980-76	LUCAS SYSTEM	16608N-M127
1116 PERKINS 4-236 DIESEL		1985-80	LUCAS SYSTEM	16670N
1200 SHIBAURA 2-43 DIESEL		1982-79	HITACHI SYSTEM	17305N
1300 SHIBAURA 2-49 DIESEL		1982-79	HITACHI SYSTEM	17305N
1495 PERKINS 4-236 DIESEL		1986-76	LUCAS SYSTEM	16670N
1496 PERKINS 4-236 DIESEL		1991-85	LUCAS SYSTEM	16670N
1499 FORD DIESEL ENGINES		1992-87	LUCAS SYSTEM	16608N-M127
1499 FORD DIESEL		1992-87		16608N-M50
2000 3-158 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2100 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2110 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2120 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
2300 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
230A 3CYL DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
231 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
2310 3-158 DIESEL		1983-82	LUCAS SYSTEM	16608N-M127
2310 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
233 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
234 3CYL DIESEL		1983-75	LUCAS SYSTEM	16608N-M127
250C 3CYL DIESEL		1994-89	LUCAS SYSTEM	16608N-M127
2600 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
2610 3CYL DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
2810 FORD 3-158 DIESEL		1990-83	LUCAS SYSTEM	16608N-M127
2910 FORD 3-175 DIESEL		1990-83	LUCAS SYSTEM	16608N-M127

Lawn & Garden - Application Guide

NEW HOLLAND STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
3000 3-158 DIESEL		1975-65	OPTION OPTIONAL	16608N-M127
3000 3-175 DIESEL		1968-65	OPTION OPTIONAL	16608N-M127
3100 3CYL DIESEL		1974-65	OPTION OPTIONAL	16608N-M127
3110 3CYL DIESEL		1974-65	OPTION OPTIONAL	16608N-M127
3120 3CYL DIESEL		1974-65	OPTION OPTIONAL	16608N-M127
3190 3CYL DIESEL		1974-65	OPTION OPTIONAL	16608N-M127
3230 FORD 3-192 DIESEL		1993-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
3300 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3310 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
333 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3330 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
334 3CYL DIESEL		1983-82	LUCAS SYSTEM	16608N-M127
335 3CYL DIESEL		1984-75	LUCAS SYSTEM	16608N-M127
340 3CYL DIESEL		1988-79	LUCAS SYSTEM	16608N-M127
3400 3CYL DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
3430 FORD 3-192 DIESEL		1998-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
345C 3CYL DIESEL		1992-88	LUCAS SYSTEM	16608N-M127
345D 3CYL DIESEL		2000-92	LUCAS SYSTEM	16608N-M127
3500 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3550 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
3600 3-175 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3610 FORD 3-192 DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
3900 FORD 3-192 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
3910 FORD 3-192 DIESEL		1990-83	LUCAS SYSTEM	16608N-M127
3930 FORD 3-192 DIESEL		1999-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
4000 FORD 3-192 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4000 FORD 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4100 FORD 3-183 DIESEL		1981-65	LUCAS SYSTEM	16608N-M127
4110 FORD 3-201 DIESEL		1990-65	LUCAS SYSTEM	16608N-M127
4130 FORD 3-201 DIESEL		1999-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
4140 FORD 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
420 3CYL DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
4200 FORD 3-201 DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4330		1974-65	LUCAS SYSTEM	16608N-M127
4340 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4400 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
4410 3CYL DIESEL		1974-69	LUCAS SYSTEM	16608N-M127
445 3CYL DIESEL		1985-78	LUCAS SYSTEM	16608N-M127
445A 3CYL DIESEL		1988-85	LUCAS SYSTEM	16608N-M127
445C 3CYL DIESEL		1992-89	LUCAS SYSTEM	16608N-M127
445D 3CYL DIESEL		2000-92	LUCAS SYSTEM	16608N-M127
450 3CYL DIESEL		1988-87	LUCAS SYSTEM	16608N-M127
4500 3CYL DIESEL		1974-65	LUCAS SYSTEM	16608N-M127
455 3CYL DIESEL		1988-87	LUCAS SYSTEM	16608N-M127
455C 3CYL DIESEL		1993-88	LUCAS SYSTEM	16608N-M127
455D 3CYL DIESEL		1996-92	LUCAS SYSTEM	16608N-M127
4600 FORD 3-201 DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
4610 FORD 3-201 DIESEL		1990-81	LUCAS SYSTEM	16608N-M127
4630 FORD 3-192 DIESEL		1999-90	LUCAS SYSTEM (TO 3/92)	16608N-M127
4830 3-201 DIESEL		1994-90	LUCAS SYSTEM (TO 3/92)	16608N-M127

NEW HOLLAND STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
5000 4-233 DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
5000 4-256 DIESEL		1975-65	LUCAS SYSTEM	16608N-M127
5030 FORD 4-256 DIESEL		1998-92	LUCAS SYSTEM (TO 3/92)	16608N-M127
5100 DIESEL ENGINES		1974-65	LUCAS SYSTEM	16608N-M127
5110		1991-84	LUCAS SYSTEM	16608N-M127
515 3CYL DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
5200 DIESEL ENGINES		1974-67	LUCAS SYSTEM	16608N-M127
530A 3CYL DIESEL		1983-81	LUCAS SYSTEM	16608N-M127
531 3CYL DIESEL		1981-75	LUCAS SYSTEM	16608N-M127
532 3CYL DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
5340 DIESEL ENGINES		1974-68	LUCAS SYSTEM	16608N-M127
535 3CYL DIESEL		1978-75	LUCAS SYSTEM	16608N-M127
5610 FORD 4-268 DIESEL		1993-82	LUCAS SYSTEM	16608N-M127
6610 FORD 4-268 DIESEL		1993-82	LUCAS SYSTEM	16608N-M127
7610 FORD 4-304 DIESEL		1992-82	LUCAS SYSTEM	16608N-M127
7710 FORD 4-268 DIESEL		1990-82	LUCAS SYSTEM	16608N-M127
7810 FORD 6-401 DIESEL		1990-80	LUCAS SYSTEM	16608N-M127
8210 FORD 6-401 DIESEL		1991-85	LUCAS SYSTEM	16608N-M127
8530 FORD 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
8630 FORD 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
8730 FORD 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
8830 FORD 6-401 DIESEL		1993-90	LUCAS SYSTEM	16608N-M127
9030 4-268 DIESEL		1997-90	LUCAS SYSTEM	16608N-M127
907 FORD 256 DIESEL		1972-72	LUCAS SYSTEM	16608N-M127
909 FORD 256 DIESEL		1972-72	LUCAS SYSTEM	16608N-M127
910 FORD 256 DIESEL		1978-72	LUCAS SYSTEM	16608N-M127
912 FORD 256 DIESEL		1978-72	LUCAS SYSTEM	16608N-M127
E27B YANMAR 3TNV82A	21.6 HP DIESEL	2008-ON	HITACHI SYSTEM	18219N
E30B		2006-ON	HITACHI SYSTEM	18219N
E35B YANMAR 3TNV88	28.43 HP DIESEL	2008-ON	HITACHI SYSTEM	18219N
G4010 KOHLER	19 HP			5796N
G4020 KOHLER	21 HP			5796N
G4030 KOHLER	23 HP			5801N
G5030 KAWASAKI	27 HP		DELCO SYSTEM	6765N
G5035 KAWASAKI	31 HP		DELCO SYSTEM	6765N
GT65 MOWER	14 HP 3 CYL DIESEL	1992-97		19756N-OE
L250 ONAN P218G		1999-84	SOLENOID ON SIDE	17291N
L454 KUBOTA V1402		1995-93	DENSO SYSTEM	18144N
L455 KUBOTA V1402		1993-83	DENSO SYSTEM	18144N
L553 KUBOTA V1902		1993-87	DENSO SYSTEM	18144N
L555 KUBOTA V1902		1993-81	DENSO SYSTEM	18144N
L781 FORD 201 DIESEL		1993-84	LUCAS SYSTEM	16608N-M127
L783 FORD 201 DIESEL		1995-88	LUCAS SYSTEM	16608N-M127
L785 FORD 201 DIESEL		1994-84	LUCAS SYSTEM	16608N-M127
MC22	35 HP 3 CYL. DIESEL			17366N
MC28	35 HP 3 CYL. DIESEL			18395N
MC35	35 HP 3 CYL. DIESEL			18139N
ONAN STARTERS				
B43M		1979-ON	UNITED TECH SYSTEM	5702N
B48M		1979-ON	UNITED TECH SYSTEM	5702N

Lawn & Garden - Application Guide

ONAN STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
BGD		1975-ON	UNITED TECH SYSTEM	5706N
BGDL		1975-ON	UNITED TECH SYSTEM	5706N
CCK		1979-ON	mitsubishi system	17332N
CCKA		1979-ON	3-BOLT MOUNT	17332N
CCKB		1979-ON	mitsubishi system	17332N
KV			UNITED TECH SYSTEM	5919N
MCE		1975-ON	UNITED TECH SYSTEM	5706N
NH		1975-ON	mitsubishi system	17332N
NHA		1979-ON	mitsubishi system	17332N
NHAV		1979-ON	mitsubishi system	17332N
NHB		1979-ON	mitsubishi system	17332N
NHBV		1979-ON	mitsubishi system	17332N
NHC		1979-ON	mitsubishi system	17332N
NHCV		1979-ON	mitsubishi system	17332N
NHD		1975-ON	UNITED TECH SYSTEM	5706N
NHDL		1975-ON	UNITED TECH SYSTEM	5706N
NHE		1975-ON	UNITED TECH SYSTEM	5706N
NHEL		1975-ON	UNITED TECH SYSTEM	5706N
NHM		1975-ON	UNITED TECH SYSTEM	5706N
N HP		1979-ON	mitsubishi system	17332N
N HPV		1979-ON	mitsubishi system	17332N
P-216 / 21		1988-ON	SOLENOID ON SIDE	17291N
P-216 / 21		1988-ON	UNITED TECH SYSTEM	5702N
P-227		1988-ON	SOLENOID ON SIDE	17291N
PERKINS STARTERS				
VARIOUS MODELS 1004-4, -4HR, 4T 3980CC 4 CYL.		1992-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 1004-4, -4HR, 4T 3980CC 4 CYL.		1992-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 1006-6, 5977CC 6 CYL IN LINE		1992-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 1006-6, 5977CC 6 CYL IN LINE		1992-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 3.152, 2489CC 3 CYL		1979-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 3.152, 2489CC 3 CYL		1979-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 4.108, 1759CC		1979-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 4.108, 1759CC		1979-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 4.236, 3860CC		1979-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 4.236, 3860CC		1979-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 4.318, 5208CC		1979-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 4.318, 5208CC		1979-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS 6.354, 5791CC		1979-ON	LUCAS SYSTEM	17072N
VARIOUS MODELS 6.354, 5791CC		1979-ON	LUCAS SYSTEM	17652N
VARIOUS MODELS V8.540 8.8L			LUCAS SYSTEM	17072N
VARIOUS MODELS V8.540 8.8L			LUCAS SYSTEM	17652N
ROPER STARTERS				
CUSTOM 600 LAUSON HH120		1968-65		9193N
SUBURBAN 10 LAUSON HH100		1968-65		9193N
SUBURBAN 12 LAUSON HH120		1970-65		9193N
SUBURBAN 8 LAUSON HH80		1966-65		9193N
RUGGERINI STARTERS				
F10 .5L - 477CC - 2CYL DIESEL		1995-ON	ISKRA SYSTEM	18369N

RUGGERINI STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
RD180 2CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RD181 2CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RD200 2CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RD80 1CYL DIESEL		1981-73	BOSCH STARTER (REPLACEMENT)	18369N
RDK80 .4L - 385CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
RDK901 .5L - 541CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
RDM901 .5L - 541CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
RF100 1CYL DIESEL		1988-81	BOSCH STARTER (REPLACEMENT)	18369N
RF109 1CYL DIESEL		1986-83	BOSCH STARTER (REPLACEMENT)	18369N
RF120 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF121 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF129 1CYL DIESEL		1990-83	BOSCH STARTER (REPLACEMENT)	18369N
RF130 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF139 1CYL DIESEL		1986-83	BOSCH STARTER (REPLACEMENT)	18369N
RF140 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF148 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF149 1CYL DIESEL		1990-87	BOSCH STARTER (REPLACEMENT)	18369N
RF80 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF81 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF88 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF89 1CYL DIESEL		1990-83	BOSCH STARTER (REPLACEMENT)	18369N
RF90 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF91 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF96 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RF99 1CYL DIESEL		1999-95	BOSCH STARTER (ORIGINAL)	18369N
RK180 .8L - 754CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
RM80 .4L - 385CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
RM81 .4L - 385CC - 1CYL DIESEL		1995-ON	BOSCH SYSTEM	18369N
SABO STARTERS				
10717HS BRIGGS & STRATTON	17 HP			5777N
10814.5 BRIGGS & STRATTON	14.5 HP			5777N
10817HS BRIGGS & STRATTON	17 HP			5777N
9714HS BRIGGS & STRATTON	14 HP			5742N
SAMSUNG ALTERNATOR				
SE50-3 YANMAR 4TNE94 DIESEL		1998-92	W/HITACHI ALT.	12112N
SCOTT'S STARTERS				
L1742 BRIGGS & STRATTON	17 HP			5777N
L2048 BRIGGS & STRATTON	20 HP			5746N
L2548 BRIGGS & STRATTON	25 HP			5746N
S1742 BRIGGS & STRATTON	17 HP			5777N
S2046 BRIGGS & STRATTON	20 HP			5746N
S2048 KOHLER	20 HP			5770N
S2348 KOHLER	23 HP	2001-00		5802N

Lawn & Garden - Application Guide

SCOTT'S STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
S2546 BRIGGS & STRATTON	25 HP	2000-99		5746N
S2554 KOHLER	25 HP			17628N
S2554GT KOHLER	25 HP			17628N
SIMPLICITY STARTERS				
725 GARDEN TRACTOR BRIGGS & STRATTON		1964-59		9193N
LANDLORD BRIGGS & STRATTON		1968-63		9193N
SOVERIEGN BRIGGS & STRATTON		1968-67		9193N
STEINER STARTER				
410 LINAMAR			MITSUBISHI SYSTEM	17291N
SUBARU STARTER				
VARIOUS MODELS EY45 ENGINE		1986-ON	HITACHI SYSTEM	18302N
TECUMSEH STARTERS				
AIR COOLED HM 70100			BRIGGS SYSTEM	5749N
AIR COOLED OHV110				5747N
AIR COOLED OHV120				5747N
AIR COOLED OHV125				5747N
AIR COOLED OHV130				5747N
AIR COOLED OHV135				5747N
AIR COOLED OVM 120			BRIGGS SYSTEM	5749N
AIR COOLED OVXL 120			BRIGGS SYSTEM	5749N
AIR COOLED TVM 170220			BRIGGS SYSTEM	5749N
AIR COOLED TVXL 170220			BRIGGS SYSTEM	5749N
H30-35				5897N
H50-H70	7 HP SNOW KING ENGINES			5899N
HH60	7 HP SNOW KING ENGINES			5899N
HH70	7 HP SNOW KING ENGINES			5899N
HM100				5898N
HM80				5898N
HMSK100				5898N
HMSK105	7 HP SNOW KING ENGINES			5899N
HMSK80				5898N
HS40-50				5897N
HSK35				5897N
HSK50-HSK70	7 HP SNOW KING ENGINES			5899N
HSSK40-50				5897N
TVM125-TVM140	7 HP SNOW KING ENGINES			5899N
VARIOUS MODELS				5896N
OHV135				5754N
OHV14				5754N
OHV140				5754N
OHV145				5754N
OHV15				5754N
OHV150				5754N
OHV155				5754N
OHV16				5754N
OHV160				5754N
OHV165				5754N
OHV17				5754N
OHV170				5754N
OHV175				5754N

TECUMSEH STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
THOMAS EQUIPMNET ALTERNATORS				
T133S KUBOTA V1903B DIESEL		1998-95	DENSO SYSTEM	12200N
T173 KUBOTA V2203B DIESEL		1999-89	DENSO SYSTEM	12200N
T183 KUBOTA V2203B DIESEL		1994-89	DENSO SYSTEM	12200N
T203 KUBOTA V2203B DIESEL		1994-89	DENSO SYSTEM	12200N
THOMAS EQUIPMNET STARTERS				
175 KUBOTA V2203T DIESEL			DENSO SYSTEM	18144N
T103 KUBOTA D1402B DIESEL		1995-89	DENSO SYSTEM	18144N
T133 KUBOTA V1902B DIESEL		1995-89	DENSO SYSTEM	18144N
T133S KUBOTA V1903B DIESEL		1998-95	DENSO SYSTEM	18144N
T173 KUBOTA V1902B DIESEL		1999-89	DENSO SYSTEM	18144N
T233 KUBOTA S2800B DIESEL		1997-89	DENSO SYSTEM	18142N
TORO ALTERNATORS				
GROUNDMASTER 220D MITSUBISHI DIESEL		1991-88		12231N
GROUNDMASTER 223D MITSUBISHI DIESEL		1997-92		12231N
GROUNDMASTER 224 MITSUBISHI DIESEL		1996-89		12231N
GROUNDMASTER 228D KUBOTA	28 HP DIESEL	2004-01		12199N
GROUNDMASTER 328D KUBOTA	28 HP DIESEL	2004-01		12199N
WORKMAN 1100		2005-01	VALEO SYSTEM	15421N
WORKMAN 1110 KOHLER 367CC		2009-06	VALEO SYSTEM	15421N
WORKMAN 2100		2005-00	VALEO SYSTEM	15421N
WORKMAN 2110 BRIGGS & STRATTON 4800CC		2009-02	VALEO SYSTEM	15421N
WORKMAN 3300D		1998-93		12231N
WORKMAN 4300D		1998-94		12231N
WORKMAN MD KOHLER	12 HP	2009-08	VALEO SYSTEM	15421N
WORKMAN MDX BRIGGS & STRATTON	14 HP	2009-08	VALEO SYSTEM	15421N
TORO STARTERS				
316-8 GARD ONAN	16 HP	1992-92	MITSUBISHI SYSTEM	17291N
325D K3D MITSUBISHI			MITSUBISHI SYSTEM	17096N
416-8 GARD ONAN	14 HP	1997-96	MITSUBISHI SYSTEM	17291N
416-8 GARD ONAN	16 HP	1997-89	MITSUBISHI SYSTEM	17291N
416-H GARD ONAN	16 HP	1997-92	MITSUBISHI SYSTEM	17291N
520-H GARD ONAN	20 HP	1997-91	MITSUBISHI SYSTEM	17291N
580D INDUSTRIAL MOWER MITSUBISHI DIESEL ENGINE S4S				18394N
724-Z TRAC ONAN	24 HP	1992-91	MITSUBISHI SYSTEM	17291N
DINGO T471 HONDA	13 HP GAS	2008-04	DENSO SYSTEM	18513N
GREENSM491 DAIHATSU		1999-95	DENSO SYSTEM	18982N
GROUNDS519 MITSUBISHI		1997-89	MITSUBISHI SYSTEM	17081N
GROUNDMASTER 117 KOHLER	17 HP	1990-85		5774N
GROUNDMASTER 120 KOHLER	20 HP	2002-96	DENSO SYSTEM	17628N
GROUNDMASTER 120 KOHLER	20 HP	2004-03	DELCO SYSTEM	6744N
GROUNDMASTER 322D MITSUBISHI	23 HP DIESEL	1990-83		17096N
GROUNDMASTER 325D MITSUBISHI	25 HP DIESEL	2001-91		17096N
GROUNDMASTER 455D XUD9		1988-UP		18967N
GROUNDMASTER 52 BRIGGS & STRATTON		1986-79		5745N
GROUNDMASTER 62 ONAN		1986		5701N

Lawn & Garden - Application Guide

TORO STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
LAWN EQUIPMENT MITSUBISHI 3 CYL GAS ENGINE				19617N
PRECISI569 HONDA 3900CC		2007-05	UNITED TECH SYSTEM	5917N
REELMAS586		1983-ON	MITSUBISHI SYSTEM	17081N
REELMAS587		1994-86	MITSUBISHI SYSTEM	17081N
REELMASTER 6500D XUD9		1995-UP		18967N
REELMASTER 6700D XUD9		1998-UP		18967N
TWISTER 1400 UTILITY VEHICLE BRIGGS & STRATTON	16 HP	2002		5776N
TWISTER 1600 UTILITY VEHICLE BRIGGS & STRATTON	16 HP	2008-02		5776N
VARIOUS MODELS RENUIT ENGINES			DUCELLIER SYSTEM	18358N
WORKMAN 3100 KOHLER	23 HP	2001-94	DENSO SYSTEM	17628N
WORKMAN 3100 KOHLER	23 HP	2009-02	DELCO SYSTEM	6744N
Z MASTER G KAWASAKI	29 HP	2009-09	DELCO SYSTEM	6765N
Z MASTER G KAWASAKI	34 HP GAS	2009-09	DELCO SYSTEM	6765N
TOYOTA ALTERNATORS				
5FD-10 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-14 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-15 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-18 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-20 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-23 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FD-25 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-10 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-14 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-15 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-18 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-20 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-23 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FDL-25 V1502 ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FG-10 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-10 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-14 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-14 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-15 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-15 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-18 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-18 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-20 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-20 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-23 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-23 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-25 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-25 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-28 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FG-30 4Y ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FGL-10 4P ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FGL-14 4P ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FGL-15 4P ENGINE		1989-86	W/DENSO ALTERNATOR	12180N
5FGL-18 4P ENGINE		1989-86	W/DENSO ALTERNATOR	12180N

TOYOTA ALTERNATORS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
5FGL-20 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FGL-23 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
5FGL-25 4P ENGINE		1988-86	W/DENSO ALTERNATOR	12180N
TOYOTA STARTER				
1017		1997-94	OPTIONAL	18141N
TROPICAL ALTERNATORS				
TDG 10R				10930N
TDG 12.5R				10930N
TDG 14R				10930N
TDG 6R				10930N
TDG 8.2R				10930N
UNIVERSAL STARTERS				
5432 ATOMI 4CYL	32 HP DIESEL	1982-78	KUBOTA V-1501 ENGINE	18144N
5444 4 CYL	44 HP DIESEL	1982-80	KUBOTA V-1902 ENGINE	18144N
DM 188 0.5L DIESEL		1990-84	BOSCH SYSTEM	18369N
M-18 2CYL	14 HP DIESEL	1988-83	KUBOTA Z-600 ENGINE	18148N
M-25 XPB 3 CYL DIESEL		2004-98		18148N
M-40 4 CYL	32 HP DIESEL	1998-82	KUBOTA V-1501 ENGINE	18144N
M-50 4CYL	44 HP DIESEL	1997-82	KUBOTA V-1902 ENGINE	18144N
RH 188 0.5L DIESEL		1987-84	BOSCH SYSTEM	18369N
YAMAHA STARTERS				
G16 THRU G		1996-ON	STARTER-GENERATOR	15422N
G2 THRU G1		1995-78	STARTER-GENERATOR	15425N
YANMAR ALTERNATORS				
2T72HL ALL		1992-84	HITACHI SYSTEM	12288N
3TNE84 3CYL DIESEL			W/HITACHI 40A ALTERNATOR	12112N
3TNE88 3CYL DIESEL			W/HITACHI 40A ALTERNATOR	12112N
4TNE84 4CYL DIESEL		1989-ON	W/HITACHI 40A ALTERNATOR	12112N
4TNE88 4CYL DIESEL		1989-ON	W/HITACHI 40A ALTERNATOR	12112N
VARIOUS MODELS DIESEL ENGINES		1996-ON	HITACHI SYSTEM	12112N
YANMAR STARTERS				
3HM 3CYL DIESEL		1984-80	HITACHI SYSTEM	18205N-ND
3HM35 3CYL DIESEL		1992-82	HITACHI SYSTEM	18205N-ND
3HMF 3CYL DIESEL		1984-80	HITACHI SYSTEM	18205N-ND
3JH2 3CYL DIESEL		1999-91	HITACHI SYSTEM	18205N-ND
3JH2BE 3CYL DIESEL		1999-91	HITACHI SYSTEM	18205N-ND
3JH2E 3CYL DIESEL		1999-91	HITACHI SYSTEM	18205N-ND
3JH3 3CYL DIESEL		2003-99	HITACHI SYSTEM	18219N
3JH3E 3CYL DIESEL			HITACHI SYSTEM	18219N
3JH3E-YEU 3CYL DIESEL			HITACHI SYSTEM	18219N
3JH3Z 3CYL DIESEL			HITACHI SYSTEM	18205N-ND
3T84C 3CYL DIESEL		1982-ON	HITACHI SYSTEM	18205N-ND
3T90L		1976-ON	HITACHI SYSTEM	18205N-ND
3TN66		1985-ON	HITACHI OE #S114-203 / 656	18218N
3TNA68		1986-ON	HITACHI SYSTEM	18218N
3TNA72		1984-ON	HITACHI OE #S114-656	18218N
3TNE84 3CYL DIESEL		1982-ON	HITACHI SYSTEM	18205N-ND
3TNE88 3CYL DIESEL		1982-ON	HITACHI SYSTEM	18205N-ND

Lawn & Garden - Application Guide

YANMAR STARTERS (cont.)

MAKE	ENGINE	YEAR	OPTIONS	WAI #
4JH 4CYL DIESEL		1982-ON	HITACHI SYSTEM	18205N-ND
4JH2-CE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2-DTE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2-E 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2-HTE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2L-HTNE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2L-TNE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2-TE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH2-UTE 4CYL DIESEL		1988-ON	HITACHI SYSTEM	18205N-ND
4JH3 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3-CE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3-DTE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3E 4CYL DIESEL		2003-94	HITACHI SYSTEM	18219N
4JH3-HTE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3-TCE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3-TE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3-TE-YE 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH3ZA 4CYL DIESEL		2003-94	HITACHI SYSTEM	18205N-ND
4JH-DTE 4CYL DIESEL		1982-ON	HITACHI SYSTEM	18205N-ND



5701N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Cub Cadet, John Deere, Toro Lawn Tractors & Mowers w/ Onan B43E, B43G, B48G, P218G, P220G Engines

Replaces: IHC 78669C91; John Deere AM32393, HE1911567; New Holland 507127; Onan 191-1529, 191-1567; Toro 57-9480; United Technologies 4367240MO30SM, 4379040MO30SM



5706N

**Starter - United Technologies PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Onan Marine, RV Genset Engines
Replaces: Onan 191-1630, 191-2132, 191-2158; United Technologies 6019440MO30SM, 6091740MO30SM, SM60917



5744N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton Twin Cylinder 18hp Engines

Replaces: Briggs & Stratton 399928, 495100, 498148

Dim: 108mm Case Length

63.5mm (2.5 in.) Mtg. Holes, Center to Center

Note: 5744N is similar to 5743N except 5743N has shorter 97mm field case length.



5702N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Onan 48M, B43 Engines

Replaces: Case 77115C91, N9552; Onan 191-0933; United Technologies 1079540MO30SM



5742N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton Single Cylinder 5, 6, 8, 10, 11hp Engines

Replaces: Briggs & Stratton 390838, 391423, 392749, 394805, 491766, 497594, 497595, 693054; John Deere AM122337, AM37352, AM39137, LG497595

Dim: 97mm (3.75 in.) Case Length

57mm (2.25 in.) Mtg. Holes, Center to Center

Note: 5742N is similar to 5746N except 5746N has longer 102mm (4 in.) field case length.



5745N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton 243436, 243437, 326437 10hp Horizontal Engines

Replaces: Briggs & Stratton 391178, 394807, 396306



5704N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Cub Cadet, John Deere Lawn Tractors w/ Onan Small Engines; Onan P216, P218, P220, P224 16-24hp Small Engines

Replaces: Onan 191-1828, United Technologies 5082740MO30SM



5743N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton Twin Cylinder 14hp, 16hp Engines

Replaces: Briggs & Stratton 393017, 394674, 394808, 497596; John Deere AM38984, AM39287

Dim: 97mm Case Length

63.5mm (2.5 in.) Mtg. Holes, Center to Center

Note: 5743N is similar to 5744N except 5744N has longer 108mm field case length.



5746N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton Single Cyl. 11-16hp Engines

Replaces: Briggs & Stratton 393499, 394943, 399169, 490420, 494148, 494198, 494490, 494990, 497401, 499529, 691262; Generac 075255, 75255, 75255A; John Deere AM106883, AM38136, AM39285, LG490420, LG497401, LG691262

Dim: 102mm (4 in.) Case Length

57mm (2.25 in.) Mtg. Holes, Center to Center

Note: 5746N is similar to 5742N except 5742N has shorter 97mm (3.75 in.) field case length.

Lawn & Garden - Buyers Guide



5747N

Starter - Tecumseh
12 Volts, CCW, 10-Tooth Pinion

Used on: Tecumseh OHV110, OHV120, OHV125, OHV130, OHV135 Small Engines

Replaces: Tecumseh 36914, 37425

Note: Includes 2 Mounting Bolts



5752N

Starter - Tecumseh
12 Volts, CCW, 16-Tooth Pinion

Used on: Tecumseh H50-70; TVM125-140 Small Engines

Replaces: John Deere AM32092, AM34731; Tecumseh 32468, 32468A, 32468B, 33606, 35765, 35765A



5757N

Starter - United Technologies PMDD
12 Volts, CCW, 9-Tooth Pinion

Used on: Kohler KT17, KT19, KT21, M18, MV16, MV18 17-21hp Air Cooled Small Engines

Replaces: Kohler 52-098-03, 52-098-09, 52-098-12; United Technologies 1819040MO30SM, 5213140MO30SM, 5666240MO30SM



5749N

Starter - Tecumseh
12 Volts, CCW, 16-Tooth Pinion

Used on: Tecumseh HM70-100, OVM, OVXL120, TVM, TVXL170-120 Small Engines

Replaces: John Deere AM30931; Tecumseh 33605, 35763, 35763A, 36463, 36680



5754N

Starter - Tecumseh
12 Volts, CCW, 10-Tooth Pinion

Used on: Tecumseh OHV135, OHV14, OHV145, OHV15, OHV150, OHV155, OHV16, OHV160, OHV165, OHV17, OHV170, OHV175 Engines

Replaces: Tecumseh 36264, 36795



5759N

Starter - United Technologies PMDD
12 Volts, CCW, 13-Tooth Pinion

Used on: Cub Cadet, Massey Ferguson Lawn Tractors w/ Kohler 10-16hp Small Engines

Replaces: Kohler 45-098-06, 45-098-11; United Technologies 1250729MO30SM, 1492540MO30SM, 5665840MO30SM



5751N

Starter - Tecumseh
12 Volts, CCW, 11-Tooth Pinion

Used on: Tecumseh HH80, HH100, HH120, HH150, OH140, OH160 Small Engines

Replaces: Tecumseh 33835 (also replaces 32817, 32510)



5756N

Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion

Used on: Kohler M8, M10, M12, M14, M16 8-16hp Air Cooled Small Engines

Replaces: Kohler 41-098-04, 41-098-06; United Technologies 4733040MO30SM, 5666640MO30SM



5760N

Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion

Used on: Kohler K241, K301, K321, K341 10-14hp Air Cooled Small Engines

Replaces: Kohler 41-098-01, 41-098-10, 45-098-10, A236292, A237132, A237511; United Technologies 0599540MO30SM, 5665740MO30SM, SM05995



5761N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: John Deere w/ Kohler K241, K301, K341 10-16hp Air Cooled Small Engines

Replaces: John Deere AM31568, AM32789, AM34248, AM3424B, AM34888, AM37032, AM37869, AMJ7869; Kohler 45-098-07, 45-098-09, 45-099-07, 51-098-01, A236396, A237131, A237510, A237534; Massey Ferguson 1042653M92, 1048570M92; United Technologies 0599440MO30SM, 1146340MO30SM, 1250740MO30SM, 1635340MO30SM



5770N

**Starter - United Technologies PMDD
12 Volts, CCW, 13-Tooth Pinion**

Used on: Kohler CH14, CV11, CV12.5, CV13, CV14, CV15, CV16 Small Engines

Replaces: John Deere AM122435; Kohler 12-098-02, 12-098-04, 12-098-05, 12-098-08, 12-098-13, 12-098-15, 12-098-22, 12-098-22S; United Technologies 5225040MO30SM, 5278340MO30SM, 5666940MO30SM



5775N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: John Deere Lawn Tractors w/ Kohler 9-14hp Engines

Replaces: John Deere AM117130, AM120729; Kohler 12-098-10, 25-098-03; United Technologies 5667140-M030SM



5766N

**Starter - United Technologies PMDD
12 Volts, CCW, 9-Tooth Pinion**

Used on: Cushman Golf Carts, John Deere; Kohler K482, K532, K582 18-25hp Twin Cylinder Air Cooled Small Engines

Replaces: John Deere AM34753, AM37725; Kohler 45-098-04, 45-098-05, 48-098-02, 48-098-04, A277214, A277599; United Technologies 1574540MO30SM, 5665940MO30SM



5771N

**Starter - United Technologies PMDD
12 Volts, CCW, 13-Tooth Pinion**

Used on: Kohler CH11, CH12.5, CH13, CH14, CH15 Small Engines

Replaces: Kohler 12-098-06, 12-098-09, 12-098-12, 12-098-19, 12-098-21, 12-098-21S; United Technologies 5239740MO30SM, 5278440MO30SM, 5667040MO30SM



5776N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 15-Tooth Pinion**

Used on: Arctic Cat, Cub Cadet, Generac, John Deere Lawn Tractors & UTV w/ Briggs & Stratton 16-21hp Engines

Replaces: Briggs & Stratton 691564, 693469; Generac 0C2881, 72881, C2881, C2881A; John Deere M143512



5767N

**Starter - United Technologies PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: John Deere, Kohler K161, K181 6-8hp Air Cooled Small Engines

Replaces: John Deere AM31754, AM32853, AM34361; Kohler 41-098-03, 41-098-07, 41-098-08, 45-098-01, 52-098-07, A232981, A234193; United Technologies 4372740MO30SM



5774N

**Starter - United Technologies PMDD
12 Volts, CCW, 9-Tooth Pinion**

Used on: Kohler KT17II, KT19II, M18, M20, MV20 Models, 17-20hp Small Engines

Replaces: Kohler 52-098-06, 52-098-10, 52-098-13; United Technologies 2134940MO30SM, 5213240MO30SM, 5666440MO30SM



5777N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 14-Tooth Pinion**

Used on: Cub Cadet, John Deere, Sabo, Scott's Compact Tractors, Lawn Tractors, Mowers w/ Briggs & Stratton 14.5-18hp Small Engines

Replaces: Briggs & Stratton 693551, John Deere LG693551

Dim: 3-5/8 in. Field Case L

Lawn & Garden - Buyers Guide



5788N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Generac Engines

Replaces: Generac 0D9004A, 0D9004B, 0E0601, 0E06010SRV, 0E0601ASRV, 0E0601SRV, D9004A, D9004B, E0601



5801N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Cub Cadet Compact, Zero-Turn Tractors w/ Kohler 10-27hp Engines
New Holland Zero-Turn Mowers w/ Kohler 23hp Engines

Replaces: Kohler 32-098-01S, New Holland K0H3209801S



5897N

**Starter - Tecumseh
120 Volts, CCW, 9-Tooth Pinion**

Used on: Tecumseh H30, H35, HS40, HS50, HSK35, HSK40, HSSK40, HSSK50 Snowblower Engines

Replaces: Ariens 72200600; Tecumseh 33290, A, B, C, D, E



5796N

**Starter - United Technologies PMDD
12 Volts, CCW, 14-Tooth Pinion**

Used on: New Holland Zero-Turn Mowers w/ Kohler G4010, G4020 19-21hp Small Engines

Replaces: Kohler 20-098-01, 20-098-01S, 20-098-05, 20-098-05S, 20-098-06, 20-098-06S; MTD KH2009805S, New Holland K0H2009805S



5802N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: John Deere Outdoor Power Equipment
Scott's Outdoor Power Equipment

Replaces: John Deere AM130407, AM132818; Kohler 25-098-04, 25-098-05, 25-098-06, 25-098-07; United Technologies 6560020-M030SM, 6727040-M030SM



5898N

**Starter - Tecumseh
120 Volts, CCW, 16-Tooth Pinion**

Used on: Tecumseh HM80, HM100 Snowblower Engines; Tecumseh HMSK80, HMSK100 Snowblower Engines

Replaces: Tecumseh 33329, A, B, C, D, E; 37000



5797N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Kohler 14-16hp Small Engines

Replaces: Kohler 28-098-01, 28-098-01S, 28-755-30, 28-755-30S; United Technologies 6502540M030SM



5896N

**Starter - Tecumseh
12 Volts, CCW, 9-Tooth Pinion**

Used on: Tecumseh Engines
Replaces: Tecumseh 33607



5899N

**Starter - Tecumseh
120 Volts, CCW, 16-Tooth Pinion**

Used on: Tecumseh HSK50, HSK60, HSK70 Snowblower Engines
Tecumseh TVM125 to TVM140 Snowblower Engines

Replaces: Tecumseh 33328, B, C, D, E

Dim: 177.8mm OAL
88.9mm Field Case Length

Includes extension cord to plug into 110 Volts standard outlet



5914N

**Starter - United Technologies PMDD
12 Volts**

Used on: Honda Small Industrial Engines
Replaces: Johnson Electric 10615620, United Technologies 10615620MO18SM



5918N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Honda GX610, GX620, GXV610, GXV620
18-20hp Small Engines
Replaces: Honda 31200-ZJ1-004, 31200-ZJ4-003;
United Technologies 5680640MO30SM



5930N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 16-Tooth Pinion**

Used on: Briggs & Stratton 14hp Engines
Replaces: Briggs & Stratton 490753, 495104



5915N

**Starter - United Technologies PMDD
12 Volts, CCW, 9-Tooth Pinion**

Used on: Kohler KT17II, M18 Models, 17-18hp Small
Engines
Replaces: John Deere AM38013; Kohler 52-098-04,
52-098-11; United Technologies 1819140MO30SM,
5666340MO30SM



5919N

**Starter - United Technologies PMDD
12 Volts, CCW, 24-Tooth Pinion**

Used on: Onan Microlite RV Genset KV Engines
Replaces: Onan 191-1798, 191-2312, 191-2351;
United Technologies 6020940MO30SM



5932N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 14-Tooth Pinion**

Used on: Briggs & Stratton 16-18 H.P. engines, Steel
Ring gear
Replaces: Briggs & Stratton 693552



5917N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Honda H1011, H2013, H2113 Series
Lawn Tractors & Mowers w/ GXV340, GXV390 Small
Engines
Replaces: Honda 31200-ZF5-L32



5922N

**Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion**

Used on: Kawasaki FH381V, FH430V Lawn &
Garden Engines
Replaces: Kawasaki 21163-7007



5933N

**Starter - Briggs & Stratton PMDD
12 Volts, CCW, 24-Tooth Pinion**

Replaces: Briggs & Stratton 498149

Lawn & Garden - Buyers Guide



5936N
Starter - Briggs & Stratton PMDD
12 Volts, CCW, 24-Tooth Pinion
Used on: Briggs & Stratton Intek 5-7hp Horizontal Shaft Engines
Replaces: Briggs & Stratton 694504



5952N
Starter - Kawasaki PMDD
12 Volts, CCW, 10-Tooth Pinion
Used on: Kawasaki OPE FH451V Small Engine
Replaces: Kawasaki 21163-7003



6765N
Starter - Delco PMGR
0.8KW/12 Volts, CCW, 10-Tooth Pinion
Used on: John Deere Z-Trak model Z830A Pro
 Kawasaki FX751V 27HP Engines
 Kawasaki FX850V 31HP Engines
Replaces: Delco 8000153; John Deere MIA11257; Kawasaki 21163-7021
Note: Delco PMGR design 6765N can replace Denso DD starter 428000-6610



5937N
Starter - Briggs & Stratton PMDD
12 Volts, CCW, 24-Tooth Pinion
Used on: Briggs & Stratton Engine
Replaces: Briggs & Stratton 695479



6744N
Starter - Delco PMDD
12 Volts, CCW, 10-Tooth Pinion
Used on: Cub Cadet, Grasshopper, John Deere, Kubota, Toro Lawn Tractors, Mowers & UTV w/ Kohler 16-25hp Engines
Replaces: Delco 10455513, 10455516; John Deere AM132702; Kohler 25-098-08, 25-098-08S, 25-098-09, 25-098-09S; Kubota E7194-63010



9188N
Generator - Delco
15 Amp/12 Volts, CCW
Used on: Cub Cadet Lawn Tractors w/ Kohler Engines
Replaces: Delco 1101691



5951N
Starter - United Technologies PMDD
12 Volts, CCW, 10-Tooth Pinion
Used on: Cub Cadet Mowers w/ 15-23hp Kawasaki Small Engines
 Kawasaki FH500V, FH531V, FH541V, FH580V, FH601D, FH601V, FH641D, FH641V, FH661V, FH680D, FH680V, FH721D, FH721V, FH770D Small Engines
Replaces: Kawasaki 21163-7001, -7010, -7022, -7029



6759N
Starter - Delco SD80 PMDD
12 Volts, CCW, 8-Tooth Pinion
Used on: Cub Cadet Mowers w/ Generac 28-33hp Small Engines
 RV Generators w/ Generac 0D9708, 0E3342, 0E6219, 0E6221, GT760, GT990, GTH760, GTH990, GTV760, GTV990 Air Cooled Engines
Replaces: Delco 10455515; Generac 0C3017, 0E4271, 0E42710ESV, 0E42710SRV, 0E9323, C3017, E4271, E9323



9190N
Generator - Delco
15 Amp/12 Volts, CCW
Used on: International Cub Cadet Garden Tractors w/ Kohler Engines
Replaces: Delco 1101996



9191N
Generator - Delco
15 Amp/12 Volts, CCW

Used on: International Cub Cadet Lawn Tractors w/ Kohler K-161, K-241, K-301 Engines
Replaces: Delco 1101692, 1101951, 1101967, 1101986, 1101997, 1101998



10932N
Alternator - Kubota
14 Amps/12 Volts

Used on: Kubota Excavators, Tractors
Replaces: Kubota 15531-64013, -64016
Note: Permanent Magnet Alternator



12112N
Alternator - Hitachi IR/IF
40 Amp/12 Volts, CW, 1-Groove Pulley

Used on: John Deere, Samsung w/ Yanmar Diesel Engines; Yanmar Diesel Generator Sets
Replaces: Hitachi LR140-714, LR140-714B; John Deere AM878581; Yanmar 119836-77200, 119836-77200-2, 119836-77200-3



9193N
Generator - Delco
15 Amp/12 Volts, CW

Used on: Case Tractors, Cushman, Cub Cadet, Jacobsen Tractors, Massey Ferguson / Roper Tractors, Simplicity Tractors, TCM Wisconsin Engines
Replaces: Delco 1101432, 864, 945, 960, 970, 980, 984, 992, 993, 995
Lester No's: 9185, 9193



12077N
Alternator - Mitsubishi IR/IF
40 Amp/12 Volts, 1-Groove Pulley

Used on: Ford Compact Tractors, New Holland Skid Steer Loaders w/ Shibaura Diesel Engines
Replaces: Ford SBA18504-6320, Ishikawajima 185046320, Mitsubishi A7T03877
Note: With stator tap



12179N
Alternator - Denso IR/IF
40 Amp/12 Volts, 1-Groove Pulley

Used on: Case, Kubota Excavators, Compact Tractors & Mowers w/ Kubota 17-28hp Diesel Engines
Replaces: Denso 100211-167; Kubota 16231-24011, 16241-64010, 16241-64011, 16241-64012



10930N
Alternator - Kokusan Denki
20 Amp/12 Volts, 1-Groove Pulley

Replaces: Isuzu 8-97048-970-0, 8-97048-970-1, 8-97048-970-2; Kokusan Denki GP9905
Note: Permanent Magnet Alternator



12080N
Alternator - Denso IR/IF
40 Amp/12 Volts, CW, 1-Groove Pulley

Used on: (1995-92) John Deere Small Diesel Tractors
Replaces: Denso 100211-470; John Deere RE42778, RE72915, RE729151



12180N
Alternator - Denso IR/IF
35 Amp/12 Volts, CW, 1-Groove Pulley

Used on: Kubota Equipment w/ V1502 Engines; Toyota Lift Trucks 4P, 4Y, V1502 Engines
Replaces: Denso 100211-166, Hyster 3049491, KHD 04412972, Towmotor 213534, Toyota 27060-78001

Lawn & Garden - Buyers Guide



12190N

Alternator - Denso IR/IF
30 Amp/12 Volts, CW, 1-Groove Pulley

Used on: Kubota Tractors, Industrial Equipment w/ Kubota D1005 3-Cyl. Diesel Engine
Replaces: Denso 100211-452; Kubota 16231-64010, 16231-64011, 16231-64012



12200N

Alternator - Denso IR/IF
45 Amp/12 Volts, 1-Groove Pulley

Used on: Kubota Loaders, Compact Tractors; Thomas Skid Steers w/ Kubota F2503DI, F2803DI, V1702, V1903B, V2203B, V2203DI Diesel Engines
Replaces: Denso 100211-680; Kubota 17356-64010, -64011, -64012
Note: 1V/69mm OD Pulley, 15mm ID. IG-L plug (T-shape).



12356N

Alternator - Denso IR/IF
40 Amp/12 Volts, CW, 1-Groove Pulley

Used on: John Deere 4000 Series Tractors w/ Yanmar Diesel Engines
Replaces: Denso 101211-117; Yanmar 129423-77200; John Deere AM879908, LVA12357, TY25243
Note: P-IG-L plug, 13mm Belt/68mm OD pulley



12198N

Alternator - Denso IR/IF
40 Amp/12 Volts, 1-Groove Pulley

Used on: Kubota L2650, L2950, L3450, L3650 Series Compact Tractors w/ D1402DIAE, D1462DIAE, V1902DIAE, V1902DIXA 29-40hp Diesel Engines
Replaces: Denso 100211-464; Kubota 16705-64011, -64012



12231N

Alternator - Mitsubishi IR/IF
40 Amp/12 Volts, CW, 1-Groove Pulley

Used on: Cub Cadet Compact Tractors; Toro Groundmaster, Reelmaster Mowers w/ Mitsubishi Diesel Engines
Replaces: Mitsubishi Motors MM131020, MM432804, MM435081, MM435751, MM435752; Mitsubishi A0T25171, A0T25271, A0T25371, A0T25471; Toro 67-4630



12530N

Alternator - Denso IR/IF
40 Amp/12 Volts, 1-Groove Pulley

Used on: Cub Cadet OPE
Replaces: Briggs & Stratton 825084; Daihatsu 27060-87211; Denso 100211-462



12199N

Alternator - Denso IR/IF
40 Amp/12 Volts, 1-Groove Pulley

Used on: Kubota Farm, Utility Tractors
Replaces: Denso 100211-465; Kubota 34070-75600, -75601, -75602; Toro 98-9474



12288N

Alternator - Hitachi IR/EF
35 Amp/12 Volts, CW, 1-Groove Pulley

Used on: Mustang Skid Steer Loader w/ Yanmar 3TN82E, 3TNA72E Engines
Replaces: Hitachi LR135-91, Yanmar 124080-77201



12532N

Alternator - Denso IR/IF
35 Amp/24 Volts, CW, 8-Groove Pulley

Used on: Komatsu
Replaces: Denso 101211-431; Komatsu 600-861-3410



12534N

Alternator - Denso IR/IF
55 Amp/12 Volts, 1-Groove Pulley

Used on: Kubota OPE & Ag
Replaces: Denso 101211-877;
Kubota K7561-61910, K7561-61911, K7561-61912



15420N

Generator - Hitachi
15 Amp/12 Volts

Used on: John Deere Turf Gator UTV w/ Kawasaki
13hp Small Engine
Replaces: Hitachi GSB107-06F; John Deere
AM133730, AM135707



15423N

Generator - Hitachi
12 Volts

Used on: E-Z-GO 4-Cycle Golf Carts
Replaces: E-Z-GO 27065G01, Hitachi GSB107-10B



12778N

Alternator - Denso IR/IF
60 Amp/12 Volts, CW, 2-Groove Pulley

Used on: Isuzu
Replaces: Denso 102211-5060, 5061; Isuzu
8-97168-246-0, 8-97168-246-1



15421N

Generator - Hitachi
12 Volt, CW

Used on: Club Car, E-Z-GO Golf Carts & Utility
Vehicles
Replaces: Club Car 1012316, E-Z-Go 16511G1;
Hitachi GSB107-01A, GSB107-04A



15425N

Generator - Hitachi
12 Volts

Used on: Yamaha G2, G8, G9, G14 Golf Carts
Replaces: Hitachi GSB107-06B, Yamaha J38-81100-11



14519N

Alternator - Denso ER/EF
25 Amp/12 Volts, CW, 1-Groove Pulley

Used on: John Deere OPE, Ag
Replaces: Denso 021000-728; John Deere
CH10493, TY6647



15422N

Generator - Hitachi
12 Volts

Used on: Yamaha G16 thru G22 Golf Carts
Replaces: Hitachi GSB107-06, -06E, Yamaha
JN6-H1100-00-00, JN6-H1100-01-00, JN6-H1100-02-00



16608N-M127

Starter - Lucas M50, M127
2.8KW/12 Volts, CW, 10-Tooth Pinion

Used on: Case Tractors; Ford Farm, Fordson, New
Holland
Replaces: Ford D4NN-11000-B; Lucas 26211, 26291,
26338, 26339, 26395, 27500, 27569
Note: M127 design, one stage solenoid.

Lawn & Garden - Buyers Guide



16608N-M50
Starter - Lucas M50, M127
2.8KW/12 Volts, CW, 10-Tooth Pinion

Used on: Case Tractors; Ford Farm, Fordson, New Holland
Replaces: Ford D4NN-11000-B; Lucas 26211, 26291, 26338, 26339, 26395, 27500, 27569
Note: M50 design, two stage solenoid.



17028N
Starter - Denso OSGR
1.0KW/12 Volts, CW, 9-Tooth Pinion

Used on: Kubota OPE & Ag
Replaces: Denso 028000-832, 128000-359, -995; Kubota 15504-63010, -63011, -63012; 15741-63010, -63011; 16871-63010, -63011, -63012



17086N
Starter - Valeo PMGR
2.5KW/12 Volts, CW, 10-Tooth Pinion

Used on: John Deere 5200, 5300, 5400 Tractors w/ 320 2.9L Engine
Replaces: John Deere RE60641, RE502156, RE501693; Valeo 438012, 455735, D7R14



16670N
Starter - Lucas M50, M127
2.8KW/12 Volts, CW, 10-Tooth Pinion

Used on: Massey Ferguson MF-275 Farm Tractors w/ Perkins AD4-248 Diesel Engine
 New Holland Balers, Mowers, Windrowers w/ Perkins 4-236 Diesel Engines
Replaces: Lucas 26404, 27536; Massey Ferguson 579488M91; New Holland 795152



17072N
Starter - Lucas M50, M127
2.8kW/12 Volts, CW, 10-Tooth Pinion

Used on: Massey Ferguson Farm, Tractors; Long Tractors w/ Perkins Diesel Engines
Replaces: Lucas 26274, 26323, 26345, 26366, 26410, 27515, 27539, 27572



17096N
Starter - Mitsubishi OSGR
2.0KW/12 Volts, CW, 13-Tooth Pinion

Used on: Cub Cadet Compact Tractors; Toro Equipment w/ Mitsubishi Diesel Engines
Replaces: Clark 807950, 911410, Mitsubishi Motors MM409413, Mitsubishi M2T56272, Toro 46-7610



16791N
Starter - Mitsubishi DD
12 Volts, CW, 9-Tooth Pinion

Used on: Kubota G-Series Lawn Tractors
Replaces: Kubota 15852-63010, -63011, -63012, -63013; Mitsubishi M2T30481, M2T42381



17081N
Starter - Mitsubishi OSGR
2.2KW/12 Volts, CW, 11-Tooth Pinion

Used on: Case Trencher; Toro Groundsmaster, Reelmaster Mowers w/ Mitsubishi Diesel Engines
Replaces: Mitsubishi Industries 34466-03200, 34466-10203, 34466-15202, 34466-20200, 34466-20201, 34766-21301, 34766-31300, 34766-41300; Mitsubishi M2T56471, M2T56472, M2T56475, M2T60271, M2T61371, M3T64172; Toro 70-5860



17141N
Starter - Mitsubishi OSGR
1.6KW/12 Volts, CW, 15-Tooth Pinion

Used on: Case Ag, Cub Cadet OPE
Replaces: IHC 1273112C91; Mitsubishi Heavy Ind 31B66-00100, -00101, -00600, -00601; MM409-41001; Mitsubishi M2T50371, M2T50381, M2T50391, M2T57729, Mitsubishi Motors MM409410



17291N

**Starter - Mitsubishi DD Replacement
12 Volts, CCW, 9-Tooth Pinion**

Used on: Gehl, Mustang, New Holland Skid Loaders w/ Onan P-216, -218, -220, -224, -227 Engines
Replaces: Mitsubishi M2T32581, M2T43481, M2T43681, M2T43781, M2T43881; Onan 191-1682-04, 191-1804-04, 191-1808-04, 191-1808-06, 191-1949-04, 191-1949-06, 191-1949-07, 191-1949-08; Valeo TM000A21901



17332N

**Starter - Mitsubishi DD Replacement
12 Volts, CCW, 9-Tooth Pinion**

Used on: Onan Engines CCK, CCKA, CCKB, NH, NHA, NHAV, NHB, NHBV, NHC, NHCZ, NHP, NHPV
Replaces: Mitsubishi MEA10-7; Onan 191-1052, 191-1682-03, 191-1808-03, 191-1949-03



17382N

**Starter - Denso OSGR
1.0KW/12 Volts, CW, 11-Tooth Pinion**

Used on: John Deere OPE & Ag, Yanmar OPE & Ag
Replaces: John Deere AM100807, AM100809; Yanmar 119620-77011



17305N

**Starter - Hitachi DD
1.2KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Ford OPE, New Holland OPE
Replaces: Ford SBA18508-6110, -6111, -6320; Hitachi S114-197, -218, -218A; Ishikawajima 185086110, 185086111, 185086320



17333N

**Starter - Mitsubishi DD
0.8 KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Lawn Tractors w/ Onan B43E, B48G Engines; Onan B43E, B48G Engines; Outdoor Power Equipment
Replaces: John Deere AM104506, AM109172; Onan 191-1682-02, 191-1808-02



17628N

**Starter - Denso DD
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: Cub Cadet, Grasshopper, John Deere, New Holland, Toro Mowers & Lawn Tractors w/ Kohler 12.5-27hp Engines
Replaces: Delco 10455513, 10455516; Denso 128000-748, 228000-264; Hyster 1457809; John Deere AM107631, AM108390, AM124993, AM131296, AM132702; Kohler 12-098-03, 12-098-03S, 24-098-01, 24-098-01S, 25-098-08, 25-098-08S, 25-098-09, 25-098-09S; Kubota E7194-63010, New Holland KOH2409801
Lester No's: 6744, 17628



17312N

**Starter - Mitsubishi DD
0.8KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Lawn Tractors, New Holland, Onan P216, P218, P220, P224, P227 Engines
Replaces: John Deere AM104504, AM109263; Mitsubishi M2T43581; Onan 191-1682-05, 191-1808-05, 191-1949-05



17354N

**Starter - Denso DD
0.8KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Jacobsen OPE, Kubota OPE & Ag, Onan OPE
Replaces: Denso 028000-746, -747, -957; Kubota 15231-63014, -63015, -63016; Kubota 15271-63014, -63C13; 16097-61361, 19293-63011, E7199-63010



17652N

**Starter - Lucas M50, M127
2.8kW/12 Volts, CW, 10-Tooth Pinion**

Used on: JC Bamford Excavators, Loaders; Massey Ferguson Tractors, Perkins Diesel Engines
Replaces: Lucas 25372, 26295, 26358, 26414, 27519, 27541, 27565, 27568, 27608; Perkins 2373A029, 2378A029, 2873A031, 2873B072, 3181A032
Lester No's: 17650, 17651, 17652

Lawn & Garden - Buyers Guide



17653N

**Starter - Lucas M50, M127
2.8kW/12 Volts, CW, 10-Tooth Pinion**

Used on: Agco Allis 5650, 5660 Tractors; Massey Ferguson Tractors

Replaces: Lucas 26411, 27540, 27546, 27571, 27584, 27591; Massey Ferguson 1868-283-M2, 1868-283-M3, 1868-283-M5, 579-487-M91; Perkins 2873B061



18011N

**Starter - Denso DD
0.7KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Mowers & Lawn Tractors w/ Kawasaki 12.5hp Small Engine; Kawasaki FB460V Small Engine

Replaces: Denso 128000-289, 128000-655; John Deere AM102567, AM107206; Kawasaki 21163-2070, 21163-2081



18048N

**Starter - Denso DD
12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Lawn Tractors, Kubota Tractors w/ Kawasaki 17hp Engines

Replaces: Denso 128000-794, John Deere AM108615, Kawasaki 21163-2093, Kubota 12499-63010



18009N

**Starter - Denso DD
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere, Kubota Mowers & Lawn Tractors w/ Kawasaki 12.5-14hp Small Engines; Kawasaki FC400V, FC401V, FC420V Small Engines

Replaces: Denso 128000-402, John Deere AM104559; Kawasaki 21163-2073, 21163-2073-A; Kubota 12498-63010



18012N

**Starter - Denso DD
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: Cub Cadet, John Deere Mowers, Lawn Tractors & Utility Vehicles w/ Kawasaki 18-22hp Small Engines; Kawasaki FD501D, FD620D, FD661D Small Engines

Replaces: Denso 128000-936, John Deere AM109408, Kawasaki 21163-2101, New Holland TR95D9966



18055N

**Starter - Hitachi PMDD
0.9KW/12 Volts, CW, 8-Tooth Pinion**

Used on: John Deere Lawn Tractors, Mowers, Gator UTV w/ Yanmar 3TN63, 3TN66, 3TNE68 18-20hp Diesel Engines

Replaces: Hitachi S114-443, -443A, -653, -653A, -653B; John Deere AM875014, AM878176, AM878813; Yanmar 119225-77010, 119225-77011, 119226-77010



18010N

**Starter - Denso PMDD
12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Mowers & Lawn Tractors w/ Kawasaki 15-20hp Small Engines; Kawasaki FD440V, FD501V, FD590V, FD611V Small Engines

Replaces: Denso 128000-550, John Deere AM105575, Kawasaki 21163-2077



18014N

**Starter - Denso OSGR
1.4KW/12 Volts, CW, 13-Tooth Pinion**

Used on: John Deere OPE

Replaces: Denso 228000-025, -373; John Deere AM876435, AM878415, RG60654; Yanmar 129129-77010, 129407-77010



18141N

**Starter - Denso OSGR
1.4KW/12 Volts, CW, 11-Tooth Pinion**

Used on: Kubota Equipment w/ F2302, V1903 Engines

Replaces: Denso 228000-104, Kubota 17381-63014



18142N
Alternator - Denso IR/IF
45 Amp/12 Volts, 1-Groove Pulley

Used on: Kubota Tractors w/ 49.5-58hp Diesel Engines
Replaces: Denso 228000-100; Kubota 15621-63013, 15621-63014, 15621-63015



18148N
Starter - Denso OSGR
1.4KW/12 Volts, CW

Used on: Kubota
Replaces: Denso 228000-106; Kubota 19215-63012, 19215-63013



18205N-ND
Starter - Denso OSGR Replacement
1.4KW/12 Volts, CW, 15-Tooth Pinion

Used on: John Deere OPE, Yanmar OPE
Replaces: Hitachi S114-257, -257G, S114-483, -483A; John Deere AM87285, CH12084, CH12741, CH19284, TY6648, TY6673, TY6715; Nippondenso 028000-5730; Thermo King 45-1312, 45-1718, 10-45-1718; Yanmar 129573-77010, 171008-77010
Lester No's: 16657, 18205



18144N
Starter - Denso OSGR
1.4KW/12 Volts, CW, 9-Tooth Pinion

Used on: Kubota Excavators, Generator Sets, Compact Tractors; New Holland Skid Steer Loaders
Replaces: Bobcat 6653920; Denso 028000-499, -624, -626; 128000-017, -664; 228000-102, -108, -492; Kubota 15401-63010, -63012; 15461-63010, -63011, -63012, -63013, -63014, -63015; 15521-63010, -63011, -63012; 17298-63010, -63011, -63013; 17341-63010, -63011, -63013, -63015; New Holland 503470
Lester No's: 16650, 18144
Note: 18144N can also be used to replace Lester 18277 but must reuse original lead w/ plug on motor term.



18162N
Starter - Mitsubishi DD
0.7KW/12 Volts, CW, 9-Tooth Pinion

Used on: Kubota Lawn Tractor T1600H w/ Z482 Engine
Replaces: Kubota 16225-63012, 16225-63013, 19007-63011, 19837-63010, 19837-63011, 19837-63012, 19837-63013; Mitsubishi M3T33481, M3T49981, M3T49982



18218N
Starter - Denso DD
0.6KW/12 Volts, CW, 9-Tooth Pinion

Used on: Yanmar Tractors w/ 3TN66, 3TNA68, 3TNA72 Engines
Replaces: Hitachi S114-656, -656A; Yanmar 119865-77012



18145N
Starter - Denso OSGR
1.2KW/12 Volts, CW, 9-Tooth Pinion

Used on: Kubota Tractors w/ 26.5-35hp Diesel Engines
Replaces: Denso 128000-846; Kubota 34070-16081, 34070-16083, 34070-16800, 34070-16803



18203N
Starter - Hitachi PMDD
0.8KW/12 Volts, CCW, 8-Tooth Pinion

Used on: Yanmar Marine Engines L40S, L60S
Replaces: Hitachi S114-414, -414A, -651, -651A; Yanmar 114361-77011, 114362-77010, 114362-77011



18219N
Starter - Hitachi PMGR
1.7KW/12 Volts, CW, 11-Tooth Pinion

Used on: Yanmar 3JH3-YEU, 4JH3E-YEU
Replaces: Hitachi S114-815A, S114-883, S114-815; Yanmar 129698-77010

Lawn & Garden - Buyers Guide



18266N

**Starter - Denso DD
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: Gravely, John Deere, Kubota Lawn Tractors & Mowers w/ Kawasaki 17-25hp Small Engines; Kawasaki FH500V, FH541V, FH601V, FH641V, FH680V, FH721V Small Engines

Replaces: Denso 228000-799; John Deere AM127877, AM133636; Kawasaki 21163-7002, 21163-7014; Kubota E7195-63010



18318N

**Starter - Hitachi DD
0.8KW/12 Volts, CW, 9-Tooth Pinion**

Used on: John Deere Lawn Tractors w/ Yanmar 3TG66, 3TG72 Engines

Replaces: Hitachi S114-613, -613A; Yanmar 124190-77010, 124190-77011



18369N

**Starter - Bosch PMGR
1.8KW/12 Volts, CCW, 9-Tooth Pinion**

For: Ruggerini, Lombardini, Hatz

Replaces: Bosch 0-001-109-029, Hatz 50316401, Lombardini 58400890



18302N

**Starter - Hitachi DD
0.6KW/12 Volts, CCW, 11-Tooth Pinion**

Used on: Subaru Lawnmowers

Replaces: Hitachi S108-101; Kawasaki 235705-0100; Wisconsin-Robin 235-70501-00



18350N

**Starter - Denso PMDD
0.6kW/12 Volts, CCW, 14-Tooth Pinion**

Used on: Honda GXV270, GXV340, GXV390 9-13hp Small Engines

Replaces: Denso 028000-841, 128000-295; Honda 31200-ZA0-701, 31200-ZA1-003, 31200-ZE8-801, 31200-ZE9-L310



18394N

**Starter - Mitsubishi PLGR
2.2KW/12 Volts, CW, 10-Tooth Pinion**

Used on: Toro Industrial Mowers Model 580D Mitsubishi Diesel Engine S4S

Replaces: Mitsubishi M8T70371, M8T75171; Mitsubishi Heavy Ind 32A66-10100, -10101

Lester No's: 18394, 19738



18309N

**Starter - Hitachi DD
0.4kW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere AMT600 Transporter UTV w/ Kawasaki Engines; Kawasaki FZ340D Small Engines

Replaces: Hitachi S108-76A, -76B; John Deere AM120843; Kawasaki 21163-2057, 21163-2106, 21163-2112, 316611-8310-BA



18358N

**Starter - Valeo PMGR
1.1KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: Onan Generators, Toro Lawn Equipment

Replaces: Ducellier 532021A, 532023A; 6185A, B, C; Renault 7701348746; Valeo 185740, 432557, 433243, D6RA42, D6RA421, D8E130

Note: Also replaces earlier Ducellier 6185A, B, C direct drive starter (Lester 16458).



18396N

**Starter - Mitsubishi PMGR
0.9KW/12 Volts, CW, 8-Tooth Pinion**

Used on: Kubota OPE, Ag

Replaces: Kubota 6C140-59210, -59211, -59212; Mitsubishi MOT90281, MOT90282



18397N

**Starter - Mitsubishi PMGR
12 Volts, CW, 8-Tooth Pinion**

Used on: Kubota OPE & Ag & Industrial
Replaces: Kubota 6C070-59210, -59211, -59212;
Mitsubishi M1T85481



18413N

**Starter - Denso PLGR
1.1KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Kubota ZD25, ZD28 Turf Mowers w/ D1105
25-28hp Diesel Engines
Replaces: Denso 428000-116, Kubota 1G069-63011



18425N

**Starter - Denso PMGR
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: Cub Cadet, John Deere Lawn Equipment
23-27hp Small Engines
Replaces: Denso 228000-918, John Deere
AM132303, MIA10967; Kawasaki 21163-2120, -2130



18400N

**Starter - Denso OSGR
1.2KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Gravely PM460 Lawn Tractors w/ Kubota
30hp Diesel Engines
Replaces: Denso 228000-098; Kubota 37560-
63010, 37560-63011, 37560-63012



18414N

**Starter - Denso PLGR
0.9KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Kubota F2260-R D1005-EFM 22HP Diesel
Kubota F2560-E D1105-EFM 25HP Diesel
Kubota F2560-R D1105-EFM 25HP Diesel
Kubota F3060-R V1305-FM 30HP Diesel
Replaces: Denso 228000-540;
Kubota K3511-81410, -81411



18426N

**Starter - Denso PLGR
1.1KW/12 Volts, CW, 9-Tooth Pinion**

Used on: John Deere OPE
Replaces: Denso 228000-747; John Deere
AM809215, AM879204, M809215; Yanmar 119626-
77010, 119626-77011



18403N

**Starter - Denso PMDD
0.6KW/12 Volts, CCW, 9-Tooth Pinion**

Used on: John Deere Lawn Tractors w/ Kawasaki
9hp Engines
Replaces: Denso 128000-276, John Deere
AM102628, Kawasaki 21163-2068



18417N

**Starter - Denso PLGR
1.0KW/12 Volts, CW, 9-Tooth Pinion**

Used on: Kubota OPE
Replaces: Denso 228000-591, -748; Kubota
1G023-63010, -63011; 67980-31151



18428N

**Starter - Denso DD
0.8KW/12 Volts, CCW, 15-Tooth Pinion**

Used on: John Deere GT235, LX288 Lawn Tractors
w/ Briggs & Stratton 18hp Small Engines
Replaces: Briggs & Stratton 808498, Denso
228000-802, John Deere LG808726

Lawn & Garden - Buyers Guide



18440N

Starter - Hitachi PMGR
1.2KW/12 Volts, CCW, 11-Tooth Pinion

Used on: (2002) John Deere F735 Front Mower
 Yanmar 20.5HP Diesel

Replaces: Hitachi S114-821, -821A; John Deere
 AM879072; Yanmar 118400-77010



18966N

Starter - Denso PMDD
0.6kW/12 Volts, CCW, 9-Tooth Pinion

Used on: Kohler 8.5, 10, 12hp Small Engines

Replaces: Kohler 63-098-01S



18982N

Starter - Denso DD
0.6KW/12 Volts, CW, 9-Tooth Pinion

Used on: Daihatsu OPE & Ag & Industrial
Replaces: Briggs & Stratton 825095; Daihatsu 28100-
 87803, 28100-87803-000; Denso 228000-4620



18504N

Starter - Denso PMGR
0.6KW/12 Volts, CCW, 9-Tooth Pinion

Used on: Kohler Triad OHC 16-18hp Small Engine

Replaces: Denso 228000-630, Kohler 29-098-02



18967N

Starter - Mitsubishi PMGR
1.4KW/12 Volts, CW, 12-Tooth Pinion

Used on: Toro Ag Equipment w/ Peugeot Diesel
 Citroen, Peugeot Diesel (Europe)

Replaces: Mitsubishi M1T80081, M1T80082,
 M1T90281; Peugeot-Citroen 5802C3, 5802E2, 5802Q5



18984N

Starter - Denso PMGR
0.4KW/12 Volts, CCW, 14-Tooth Pinion

Used on: Honda GX270QAE2 9.9hp Small Engines
Replaces: Denso 128000-224, 128000-940; Honda
 31200-ZH9-003, 31210-ZE2-003



18513N

Starter - Denso PMGR
0.5KW/12 Volts, CCW, 14-Tooth Pinion

Used on: Honda GX340, GX390 11-13hp Small
 Engines

Replaces: Denso 128000-275, Honda 31210-ZE3-013
 Note: Both mounting holes are threaded M8 x 1.25.



18976N

Starter - Denso DD
0.6KW/12 Volts, CCW, 9-Tooth Pinion

Used on: Kawasaki OPE FZ400D Engines
Replaces: Denso 128000-480; Kawasaki 21163-2074



18986N

Starter - Denso DD
12 Volts, CCW, 12-Tooth Pinion

Used on: Cub Cadet Mowers w/ Honda 20-24hp Small
 Engines;
 Honda 20hp GXV620, 24hp GXV670 Small Engines
Replaces: Denso 228000-786; Honda 31200-ZJ4-831



18990N

Starter - Denso DD
0.8KW/12 Volts, CCW, 9-Tooth Pinion

Used on: Kawasaki OPE FD731V 26HP Engines
Replaces: Denso 428000-2741;
Kawasaki 21163-2129



19617N

Starter - Denso DD
0.9KW/12 Volts, CCW, 9-Tooth Pinion

Used on: Toro Lawn Equipment w/ Mitsubishi 3-Cyl. Gas Engines
Replaces: Denso 228000-187, Mitsubishi Motors MD184420



19918N

Starter - Denso PMDD
12 Volts, CCW, 9-Tooth Pinion

Used on: Kawasaki FD731VAS Small Engines
Replaces: Denso 428000-423, Kawasaki 21163-2128
Features: 100% New



19612N

Starter - Denso DD
12 Volts, CCW, 9-Tooth Pinion

Used on: Briggs & Stratton Vanguard V-Twin 32hp Small Engines
Replaces: Briggs & Stratton 807383, 809054;
Denso 428000-023



19756N-OE

Starter - Mitsubishi DD
0.8KW/12 Volts, CW

Used on: Ford Tractor with Isuzu Gas Engine
Replaces: Ishikawajima 18508-6540; Mitsubishi M2T47281



19613N

Starter - Denso DD
12 Volts, CCW, 10-Tooth Pinion

Used on: Honda IGX440 12.7hp Air-Cooled Small Engines
Replaces: Denso 428000-352;
Honda 31200-Z2E-003, 31200-Z2E-013



19787N

Starter - Denso PMDD
0.7KW/12 Volts, CCW, 11-Tooth Pinion

Used on: Kubota
Replaces: Denso 128000-711

Lawn & Garden - Buyers Guide

ELECTRONICS



BR1546
Regulator / Rectifier Assembly
12 Volts, Series-Type, 14.4 Vset

For: John Deere, Kohler K161, K181 6-8hp Air Cooled Small Engines
Replaces: John Deere AM31754, AM32853, AM34361; Kohler 41-098-03, 41-098-07, 41-098-08, 45-098-01, 52-098-07, A232981, A234193; United Technologies 4372740MO30SM



BR3456
Diode

For: Briggs & Stratton Dual-Circuit Charging Systems (except Model 32)
Replaces: Briggs & Stratton 393456
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket.
1-6A/200V diode



BR3814
Diode

For: Briggs & Stratton Single-Circuit Charging Systems
Replaces: Briggs & Stratton 393814
Note: Pigtails attach to stator leads. Eliminate fuse holder, bracket.
1-6A/200V diode



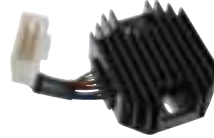
BR4890
Regulator / Rectifier Assembly
12 Volts, Series-Type, 14.4 Vset

For: Briggs & Stratton
Used On: Briggs & Stratton 192400, 196400, 226400, 28M700, 280700, 351700 Series, 8-20 hp Small Engines
Replaces: Briggs & Stratton 393374, 394890, 691185
Note: For 10 amps, 13 amp, 14 amp, 16 amp charging systems.



BR7890
Regulator / Rectifier Assembly
12 Volts, Series-Type, 14.4 Vset

For: Briggs & Stratton
Used On: Briggs & Stratton 422700 Series Small Engines
Replaces: Briggs & Stratton 397809
Note: For 8 amp quad circuit charging systems.



GH5530
Regulator / Rectifier Assembly
12 Volts, Series-Type, 14.7 Vset

Used on: Grasshopper 1822D, 718D, 721D, 721G Model Lawn Equipment
Replaces: Grasshopper 185530, RS5155; Kubota 15531-64603, RP201-53710
Note: Terminal ID: AC, B-, AC / L, I, B+



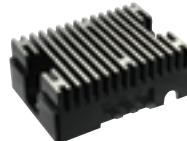
HN9951
Regulator / Rectifier Assembly
12 Volts, Shunt-Type, 14.7 Vset

Used on: Honda Lawn Tractors
Replaces: Honda 31600-890-951
Note: 5-Terminals: B+, IGN, B- / AC, AC

COMING SOON
www.waiglobal.com

JDR1406
Regulator / Rectifier Assembly
12 Volts, UNDER DEVELOPMENT

For: Kokusan Denki 20A Permanent Magnet Charging Systems
Used On: John Deere Lawn Equipment
Replaces: John Deere AM101406, MIA881279
Unit No's: John Deere AM877557



JDR4720
Regulator / Rectifier Assembly
12 Volts, Series-Type, 14.4 Vset

Used on: John Deere Lawn Equipment w/ Kohler K Series, 8-12 hp Single Cyl. Small Engines
Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-08; Tecumseh 610749
Note: For 10 amps charging systems.
Terminal ID: AC, B+, AC.



JRD2256
Starter - Valeo PMGR
2.5KW/12 Volts, CW, 10-Tooth Pinion

Used on: John Deere 5200, 5300, 5400 Tractors w/ 320 2.9L Engine
Replaces: John Deere RE60641, RE502156, RE501693; Valeo 438012, 455735, D7R14



KH4309
Regulator / Rectifier Assembly
12 Volts, Series Type, 14.4 Vset

Used on: Kohler KT17-19, M8 thru MV20 Series Small Engines
Replaces: John Deere AM102596; Kohler 234279, 25-755-03S, 41-403-05, 41-403-09; Tecumseh 610749
Note: For 15 amp permanent magnet charging systems.
Terminal ID: AC, B+, AC



KW2056
Regulator / Rectifier Assembly
12 Volts, Shunt-Type, 14.7 Vset

Used on: Kawasaki FB460, FC400, FC420, FC540 Engine Models
John Deere 130, 160, 165, 170, 172, 175, 176, 180, 185, 186, 240, 242, 245, 262, 265, 285, 320, 325, 345, F510, F525, F710, F725 Models
ATM 600, 622, 626
Gator 4X2, 6X4 models w/ 15 Amp Charging System
Replaces: John Deere M70121, M97348; Kawasaki 21066-2056, 21066-2070; Shindengen SH578-12, SH626-12
Note: Terminal ID: B+, IGN, B- / AC, L, AC



KW2071
Regulator / Rectifier Assembly
12 Volts, Shunt-Type, 14.4 Vset

Used on: Commercial Walk-behind Mowers w/ Kawasaki Engine w/ electric clutch, rope starter & no battery
Replaces: John Deere AM109462, Kawasaki 21066-2071, Shindengen SH637-12

SOLENOIDS



67-705

Solenoid, 12 Volt, 4-Terminal

Used on: Ariens, Grasshopper, Gravely Lawn Equipment



67-707

Solenoid, 12 Volt, 4-Terminal

Used on: Kohler



67-709

Solenoid, 12 Volt, 4-Terminal

Used on: Lawnmower, Outdoor Power Equipment from Ariens, Bolens, Gilson, Grasshopper, Gravely, Lawnboy, Simplicity, Snapper, Toro Wheelhorse
Replaces: Ariens 35510; Bolens 1752137, 1753539; Grasshopper 18425, Lawn Boy 740207, Snapper 1-8604; Toro 28-4210, 47-1910
Dim: 2) 1/4-20 Terminals, 2) 10-32 Terminals w/ Male Spade Terminals



67-724

Solenoid

12 Volt, 4-Terminal, Universal

Used on: Lawnmower, Snowblower and Outdoor Power Equipment from Ariens, Bolens, Gilson, Grasshopper, Gravely, Lawnboy, Simplicity, Snapper, Toro Wheelhorse

Replaces: Ariens 35510; Bolens 1752137, 1753539; Grasshopper 18425, Lawn Boy 740207, Snapper 1-8604; Toro 28-4210, 47-1910

Note: Mounting bracket will accommodate both chassis and wall mount configurations.



67-8200

**Relay Switch
12 Volt**

For: Denso 0.5-0.6kW PMDD, PMGR Starters

Used On: Honda 9-13hp Small Engines

Replaces: Honda 31204-ZA0-003

Unit No's: Denso 128000-275, 128000-295; Honda 31200-ZE9-L310, 31210-ZE3-0130

Lester No's: 18350, 18513

Dim: Batt. Term. M6 x 1.0

Motor Term. M6 x 1.0

Switch Term. Male Spade

BRUSH HOLDERS



69-700

Brush holder assembly

For: Briggs & Stratton Small Engine Starters 1753539; Grasshopper 18425, Lawn Boy 740207, Snapper 1-8604; Toro 28-4210, 47-1910

Dim: Briggs & Stratton 497605

Unit No's: Tecumseh 33600, 33605, 33606, 33607, 34421, 35763, 35765



69-701

Brush holder assembly

Used on: Tecumseh Small Engine Starters

Replaces: Tecumseh 33712

Unit No's: Tecumseh 33600, 33605, 33606, 33607, 34421, 35763, 35765



69-702

Brush holder assembly

Used on: Tecumseh Small Engine Starters

Replaces: Tecumseh 33835

Unit No's: Tecumseh 33835

Lawn & Garden - Buyers Guide

STARTER DRIVES



54-7003
Starter Drive
16-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Cub Cadet, John Deere
Replaces: Briggs & Stratton 396865, 490421, 495878, 696540
Unit No's: Briggs & Stratton 393017, 394674, 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148; Cub Cadet BS-399169; John Deere AM106883, AM38136, AM38984, AM39285, AM39287, LG490420, LG497401
Lester No's: 5742, 5743, 5744, 5745, 5746
Dim: 40.5mm Gear OD, 11.5mm L Gear
Note: Includes gear and clutch.



54-7006
Starter Drive
16-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Onan
Replaces: Briggs & Stratton 491836; United Technologies 6024140, 6024140-GE30SM
Unit No's: Briggs & Stratton 490753, 495104; United Technologies 6019440-M030SM, SM60194
Lester No's: 5706, 5930
Dim: 20.7mm ID, 40.5mm Gear OD, 19.5mm L Gear
Note: Includes gear and clutch.



54-7008
Starter Drive
16-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, John Deere, Toro
Replaces: Briggs & Stratton 391461
Unit No's: Briggs & Stratton 390838, 391177, 391178, 392749, 393499, 393851, 394805, 394807, 394943, 396306, 396505; John Deere AM122337, AM37352, AM39137, LG497595
Lester No's: 5742, 5745, 5746
Dim: 40.5mm Gear OD, 11.5mm L Gear
Note: Includes gear and clutch.



54-7004
Starter Drive
16-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Cub Cadet, John Deere
Replaces: Briggs & Stratton 393254, 490467, 495877, 696539
Unit No's: Briggs & Stratton 393017, 394674, 394805, 394808, 396306, 399169, 399928, 490420, 494148, 494198, 494990, 495100, 498148; Cub Cadet BS-399169; John Deere AM106883, AM38136, AM38984, AM39285, AM39287, LG490420, LG497401
Lester No's: 5742, 5743, 5744, 5745, 5746
Dim: 40.5mm Gear OD, 11.5mm L Gear



54-7007
Starter Drive
16-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Cub Cadet, Generac, John Deere, Sabo, Scott's
Replaces: Briggs & Stratton 497606, 696541
Unit No's: Briggs & Stratton 497401, 497594, 497595, 497596, 499521, 499529, 691262, 693054; John Deere LG499521, LG691262
Lester No's: 5742, 5743, 5746, 5778
Dim: 40.5mm Gear OD, 11.5mm L Gear
Note: Includes gear and clutch.



54-7009K
Starter Drive Kit
16-T

For: Tecumseh Small Engine Starters
Used On: John Deere, Tecumseh
Replaces: Tecumseh 37052A
Unit No's: John Deere AM30931, AM32092, AM34731; Tecumseh 32468, 32468A, 33329, 33329D, 33329E, 33329F, 33605, 35763, 35763A, 35765, 35765A
Lester No's: 5749, 5752, 5898
Dim: 10.2mm ID, 32.9mm Gear OD, 28.6mm L
Note: Starter Drive kit for snow blower motors.



54-7005
Starter Drive
24-T, CCW

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton Intek 5-7hp horizontal shaft engines, John Deere, Onan KV Engines
Replaces: Briggs & Stratton 490768, 499308; United Technologies 6022040, 6022040-GE30SM
Unit No's: Briggs & Stratton 491308, 497453, 498149, 690658, 694504; John Deere LG497453; United Technologies 6020940, 6020940-M030SM, SM60209
Lester No's: 5910, 5919, 5933, 5936
Dim: 58.5mm Gear OD, 11.5mm L Gear
Note: Includes gear and clutch.

PINION GEAR



54-7009
Pinion Gear
16-T, CCW

For: Tecumseh Small Engine Starters
Used On: John Deere, Tecumseh
Replaces: Tecumseh 33432
Unit No's: John Deere AM30931, AM32092, AM34731; Tecumseh 32468, 32468A, 33329, 33329D, 33329E, 33329F, 33605, 35763, 35763A, 35765, 35765A
Lester No's: 5749, 5752, 5898
Dim: 10.2mm ID, 32.6mm Gear OD, 32mm L
Note: Steel gear w/ rubber skirt.
 Used in 2-2194 starter



54-7201
Pinion Gear
14-T, CCW, 2-SPL

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Cub Cadet, John Deere, Sabo, Scott's
Replaces: Briggs & Stratton 693713
Unit No's: Briggs & Stratton 693551, 693552, 695479; John Deere LG693551
Lester No's: 5777, 5932, 5937
Dim: 41mm Gear OD
Note: For steel flywheel ring gear applications

DRIVE GEAR



54-7200
Drive Gear
16-T, CCW, 2-SPL

For: Briggs & Stratton Small Engine Starters
Used On: Briggs & Stratton, Cub Cadet, John Deere, Toro
Replaces: Briggs & Stratton 4114, 280104, 693059; John Deere M83184
Unit No's: Briggs & Stratton 390838, 391178, 392749, 393017, 393499, 394674, 394805, 394807, 394943, 399928, 491334, 495100, 495102, 497596, 498148; John Deere AM122337, AM37352, AM38984, AM39137, AM39287, LG497595
Lester No's: 5742, 5743, 5744, 5745, 5746, 5931
Dim: 20.5mm ID, 40.5mm Gear OD, 11.5mm L

Notes

MFG Part No.	Part No.
ACE	
CMBS-0001	5742N
CMTC-0006	5749N
ADI	
AGN05515E	12179N
AGN05515E	12190N
AGN0551E	12199N
AGN28517	12288N
DEM60673	17354N
DEM608865	18009N
DEM608866	18010N
DEM608895	18012N
DEM60897	18142N
DEMG401	5746N
DEMG402	5743N
DEMG402	5744N
DEMG403	5745N
DEMG404	5932N
DEMG405	5742N
DEMG407	5777N
DEMG421	5918N
DEMG440	5951N
DEMG460	5767N
DEMG460	5767N
DEMG461	5767N
DEMG461	5767N
DEMG462	5760N
DEMG463	5774N
DEMG464	6744N
DEMG480	5701N
DEMG480	5751N
DEMG481	5749N
DEMG482	5754N
DEMG483	5747N
ARCO	
11100	17332N
98185	18205N
98185	18205N-ND
ARIENS	
35510	67-724
72200600	5897N
72403600	5898N
ARROWHEAD	
AHI0061	12112N
AHI0097	12288N
AMT0122	12077N
AMT0133	12231N
AND0169	12180N
AND0203	12080N
AND0211	12200N
AND0212	12179N
AND0212	12190N
AND0217	12198N
AND0217	12199N
AND0285	12530N

MFG Part No.	Part No.
ARROWHEAD (cont.)	
AND0286	12356N
AND0350	12534N
AND0437	12470N
GDR0001	9190N
GDR0001	9191N
GDR0002	9193N
GDR0003	9188N
GDR0003	9190N
SAB0006	5702N
SAB0009	5701N
SAB0017	5704N
SAB0026	5774N
SAB0037	5770N
SAB0038	5770N
SAB0038	5771N
SAB0041	5757N
SAB0042	5766N
SAB0043	5761N
SAB0045	5761N
SAB0049	5760N
SAB0050	5760N
SAB0050	5767N
SAB0050	5767N
SAB0060	5756N
SAB0065	5915N
SAB0080	5759N
SAB0106	5803N
SAB0111	5769N
SAB0112	5772N
SAB0116	5797N
SAB0120	5951N
SAB0126	5922N
SAB0133	5918N
SAB0145	5796N
SAB0146	5917N
SAB0152	5788N
SAB0155	5952N
SAB0157	5801N
SBO0206	16608N-M127
SBO0206	16608N-M50
SBS0001	5742N
SBS0003	5745N
SBS0004	5746N
SBS0005	5930N
SBS0008	5743N
SBS0009	5744N
SBS0015	5795N
SBS0028	5776N

MFG Part No.	Part No.
ARROWHEAD (cont.)	
SBS0029	5777N
SBS0030	5932N
SBS0032	5933N
SBS0034	5936N
SBS0038	5937N
SDR0291	6744N
SDR0292	6759N
SDR0312	6765N
SHI0067	18203N
SHI0081	18219N
SHI0082	18205N
SHI0082	18205N-ND
SHI0102	18218N
SHI0108	18055N
SHI0119	18302N
SHI0124	18440N
SHI0129	18318N
SHI0143	17305N
SLU0002	16608N-M127
SLU0002	16608N-M50
SLU0003	16608N-M127
SLU0003	16608N-M50
SLU0003Z	16608N-M127
SLU0003Z	16608N-M50
SLU0005	16670N
SLU0007	16670N
SMT0009	17096N
SMT0045	17312N
SMT0045	17312N-OE
SMT0101	17081N
SMT0125	16791N
SMT0125	18162N
SMT0153	17332N
SMT0170	18396N
SMT0171	18397N
SMT0181	17333N
SMT0215	17141N
SMT0312	18394N
SND0006	18403N
SND0007	17628N
SND0067	18148N
SND0121	18144N
SND0223	18966N
SND0240	18011N
SND0242	16637N
SND0242	17354N
SND0264	18148N
SND0279	18010N

MFG Part No.	Part No.
SND0280	18417N
SND0284	18425N
SND0285	18012N
SND0287	18009N
SND0288	18513N
SND0289	17028N
SND0289	18148N
SND0290	18048N
SND0312	16647N
SND0312	18141N
SND0312	18142N
SND0324	18145N
SND0338	18414N
SND0338	18417N
SND0359	18428N
SND0381	17382N
SND0394	18014N
SND0413	18426N
SND0452	18986N
SND0454	18984N
SND0474	18400N
SND0476	18413N
SND0481	18417N
SND0493	18266N
SND0510	18504N
SND0524	18982N
SND0529	19612N
SND0530	18990N
SND0531	18976N
SND0582	19613N
SND0589	19617N
SND0596	19615N
SPR0005	18358N
SPR0009	17086N
STC0005	5751N
STC0006	5749N
STC0007	5752N
STC0008	5896N
STC0019	5754N
STC0020	5899N
STC0023	5747N
STC0026	5775N
STC0026	5802N
STC0027	5893N
STC0028	5953N
BOBCAT	
6653920	18144N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
BOLENS	
1752137	67-724
1753539	67-724
BOSCH	
0-001-109-029	18369N
0-001-362-084	17653N
BOSCH-REMANUFACTURED	
SR400N	16608N-M127
SR400N	16608N-M50
SR400X	16608N-M127
SR400X	16608N-M50
SR5037X	17096N
SR5041X	18358N
SR5044X	6744N
SR5049X	18369N
SR9947X	18148N
0-986-011-671	18358N
0-986-012-881	16791N
0-986-0-14141	17096N
0-986-016-141	18967N
0-986-018-070	18369N
0-986-036-641	12180N
BRIGGS & STRATTON	
390838	5742N
391178	5745N
391423	5742N
392749	5742N
393017	5743N
393374	BR4890
393456	BR3456
393499	5746N
393814	BR3814
394674	5743N
394805	5742N
394807	5745N
394808	5743N
394890	BR4890
394943	5746N
396306	5745N
397809	BR7809
399169	5746N
399928	5744N
490420	5746N
490753	5930N
491546	BR1546
491766	5742N
492336	5795N
492780	5795N

MFG Part No.	Part No.
BRIGGS & STRATTON (cont.)	
494148	5746N
494198	5746N
494233	5795N
494990	5746N
495100	5744N
495104	5930N
497401	5746N
497594	5742N
497595	5742N
497596	5743N
498148	5744N
498149	5933N
499521	5746N
499529	5746N
691185	BR4890
691188	BR1546
691262	5746N
691376	5795N
691564	5776N
693054	5742N
693469	5776N
693551	5777N
693552	5932N
694504	5936N
695479	5937N
695550	5795N
795092	5795N
807383	19612N
808498	18428N
809054	19612N
825084	12530N
825095	18982N
CARGO	
110246	18148N
110315	19756N-OE
110421	16637N
110421	17354N
110421	18162N
110447	17028N
110447	18148N
110447	18400N
110447	18414N
110462	16608N-M127
110462	16608N-M50
110485	18014N
110485	18205N
110485	18205N-ND
110510	5761N

MFG Part No.	Part No.
CARGO (cont.)	
110620	12080N
110620	12180N
110634	5742N
110635	5743N
110720	18144N
110856	18358N
110933	17141N
110940	16647N
110940	18141N
110940	18142N
110947	17096N
110949	5757N
111012	5756N
111021	18148N
111048	12179N
111048	12190N
111048	12198N
111048	12199N
111048A	12179N
111070	18967N
111087	17382N
111272	18394N
111275	17081N
111475	16791N
111499	16608N-M127
111499	16608N-M50
111700	5760N
111701	5766N
111702	5767N
111702	5767N
111804	5745N
111832	12231N
111951	12530N
112034	18369N
112150	5771N
112242	5744N
112244	5770N
112244	5802N
112245	5759N
112270	12288N
112312	5749N
112312	5752N
112313	5751N
112373	18055N
112478	18203N
112546	17628N
112546	6744N
112563	5746N

MFG Part No.	Part No.
CARGO (cont.)	
112564	5752N
112565	5754N
112566	5747N
112567	5702N
112568	5915N
112570	5899N
112829	5769N
112831	5774N
113015	5701N
113016	5704N
113017	5775N
113128	17332N
113142	9191N
113143	9193N
113200	12200N
113205	19787N
113208	18982N
113211	18417N
113231	18513N
113401	12112N
113408	18219N
113478	17086N
113492	18504N
113494	18302N
113539	5776N
113562	12077N
113593	5951N
113594	5918N
113596	18009N
113597	18012N
113598	9188N
113598	9190N
113598	9191N
113661	18318N
113680	18218N
113723	18984N
113742	12356N
113853	5777N
113854	5796N
113893	18145N
114043	12470N
JS1009	18394N
CASE	
77115C91	5702N
N9552	5702N
CATERPILLAR	
1038008	12231N
138008	12231N

MFG Part No.	Part No.
CATERPILLAR (cont.)	
1449954	12470N
9G6080	7127-12N
OR-9700	12470N
CLUB CAR	
1018294-01	15435N
1018337-01	15404N
CUB CADET	
YA-119717-77010	19615N
DAEWOO	
219210	12112N
DAIHATSU	
	WAI
27060-87211	12530N
28100-87803	18982N
28100-87803-000	18982N
28150-87208-000	66-8210
DELCO	
	WAI
10455513	6744N
10455515	6759N
10455516	6744N
10480060	7176N
1100125	7127-12N
1100131	7127-12N
1100132	7127-12N
1100166	7127-12N
1100168	7127-12N
1100175	7127-12N
1100176	7127-12N
1100218	7127-12N
1100221	7127-12N
1100222	7127-12N
1100226	7127-12N
1100267	7127-12N
1100268	7127-12N
1100477	7127-12N
1100543	7127-12N
1100544	7127-12N
1100545	7127-12N
1100546	7127-12N
1100554	7127-12N
1100556	7127-12N
1100563	7127-12N
1100588	7127-12N
1100872	7127-12N
1100873	7127-12N
1100874	7127-12N
1100881	7127-12N
1100882	7127-12N
1100884	7127-12N

MFG Part No.	Part No.
DELCO (cont.)	
1100900	7127-12N
1100911	7127-12N
1100919	7127-12N
1100922	7127-12N
1100923	7127-12N
1100924	7127-12N
1100925	7127-12N
1100937	7127-12N
1100940	7127-12N
1100946	7127-12N
1100947	7127-12N
1100948	7127-12N
1100950	7127-12N
1101166	7127-12N
1101195	7176N
1101196	7127-12N
1101204	7176N
1101432	9193N
1101691	9188N
1101692	9191N
1101863	9193N
1101864	9193N
1101945	9193N
1101951	9191N
1101960	9193N
1101967	9191N
1101970	9193N
1101980	9193N
1101984	9193N
1101986	9191N
1101992	9193N
1101993	9193N
1101995	9193N
1101996	9190N
1101997	9191N
1101998	9191N
1102353	7127-12N
1102376	7127-12N
1102380	7127-12N
1102381	7127-12N
1102386	7127-12N
1102388	7127-12N
1102389	7127-12N
1102390	7127-12N
1102391	7127-12N
1102392	7127-12N
1102400	7127-12N
1102457	7127-12N

MFG Part No.	Part No.
DELCO (cont.)	
1102460	7127-12N
1102461	7127-12N
1102468	7127-12N
1102469	7127-12N
1102474	7127-12N
1102475	7127-12N
1102476	7127-12N
1102484	7127-12N
1102487	7127-12N
1102500	7127-12N
1102848	7127-12N
1102849	7127-12N
1102851	7127-12N
1102856	7127-12N
1102858	7127-12N
1102863	7127-12N
1102869	7127-12N
1102882	7127-12N
1102884	7127-12N
1102893	7127-12N
1102900	7127-12N
1102902	7127-12N
1102908	7127-12N
1102909	7127-12N
1102915	7127-12N
1102941	7127-12N
1103036	7127-12N
1103037	7127-12N
1103039	7127-12N
1103040	7127-12N
1103041	7127-12N
1103062	7127-12N
1103063	7127-12N
1103091	7127-12N
1103092	7127-12N
1103105	7127-12N
1103117	7127-12N
1103122	7127-12N
1103123	7176N
1103161	7127-12N
1103163	7127-12N
1103168	7127-12N
1103170	7127-12N
1103182	7127-12N
1105033	7127-12N
1105067	7127-12N
1105419	7176N
1105478	7127-12N

MFG Part No.	Part No.
DELCO (cont.)	
1105510	7176N
1105537	7176N
1105691	7127-12N
1105703	7127-12N
1975630	7127-12N
1979860	7127-12N
1979862	7127-12N
1979867	7127-12N
8000153	6765N
RS41069	5801N
DENSO	
021000-728	14519N
028000-350	16637N
028000-473	16647N
028000-499	18144N
028000-611	18350N
028000-624	18144N
028000-626	18144N
028000-746	17354N
028000-747	17354N
028000-832	17028N
028000-841	18350N
028000-957	17354N
053400-7130	66-8210
053400-7800	66-8210
053400-8780	66-8210
100211-166	12180N
100211-167	12179N
100211-452	12190N
100211-462	12530N
100211-464	12198N
100211-465	12199N
100211-470	12080N
100211-474	12190N
100211-680	12200N
101211-117	12356N
101211-277	12470N
101211-431	12532N
101211-877	12534N
102211-506	12778N
128000-017	18144N
128000-115	17382N
128000-224	18984N
128000-275	18513N
128000-276	18403N
128000-289	18011N
128000-295	18350N
128000-359	17028N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
DENSO (cont.)	
128000-402	18009N
128000-480	18976N
128000-490	18148N
128000-550	18010N
128000-655	18011N
128000-664	18144N
128000-711	19787N
128000-748	17628N
128000-794	18048N
128000-846	18145N
128000-8460	18145N
128000-8462	18145N
128000-905	18148N
128000-936	18012N
128000-940	18984N
128000-995	17028N
153400-0850	66-8210
182800-1570	67-8200
228000-025	18014N
228000-097	18148N
228000-098	18400N
228000-100	18142N
228000-102	18144N
228000-104	18141N
228000-106	18148N
228000-108	18144N
228000-187	19617N
228000-264	17628N
228000-373	18014N
228000-462	18982N
228000-492	18144N
228000-540	18414N
228000-591	18417N
228000-630	18504N
228000-747	18426N
228000-748	18417N
228000-786	18986N
228000-799	18266N
228000-802	18428N
228000-918	18425N
428000-023	19612N
428000-116	18413N
428000-159	19615N
428000-2741	18990N
428000-352	19613N
428000-423	19918N
428000-661	6765N
5-702100-728	14519N

MFG Part No.	Part No.
DENSO (cont.)	
9702809-746	17354N
9702809-747	17354N
9702809-832	17028N
9712809-007	16647N
9712809-017	18144N
9712809-711	19787N
9722809-100	18142N
9722809-102	18144N
9722809-106	18148N
9722809-540	18414N
9722809-591	18417N
9722809-747	18426N
9722809-786	18986N
9760218-166	12180N
9760218-167	12179N
9760218-680	12200N
9761219-117	12356N
DIXIE ELECTRIC	
143-01101	12231N
146-93103	12190N
146-93104	12179N
146-93106	12198N
206-03101	5757N
206-03102	5702N
206-03104	5746N
206-03108	5744N
206-03109	5745N
206-03110	5915N
206-03111	5751N
206-03112	5701N
206-03113	5704N
206-03115	5932N
206-04105	5774N
206-04109	5766N
206-04114	5918N
206-07101	5761N
206-07102	5743N
206-07103	5742N
206-07104	5769N
206-07106	5760N
206-07109	5756N
206-07110	5767N
206-07110	5767N
206-07111	5771N
206-07112	5749N
206-07113	5770N
206-07115	5749N
206-07115	5752N

MFG Part No.	Part No.
DIXIE ELECTRIC (cont.)	
206-07116	5754N
206-07118	5759N
206-07119	5747N
206-07120	5775N
206-07120	5802N
206-07122	5777N
206-07123	5776N
214-10703	5899N
240-08101	18203N
243-08105	16637N
243-08105	16791N
243-08105	17354N
243-08105	18162N
243-10101	17332N
243-10103	17333N
243-10104	17312N
243-10104	17312N-OE
243-12119	17305N
243-12122	18055N
243-12123	18318N
243-12127	18219N
243-12131	18218N
243-12131	18426N
243-12141	18414N
243-12141	18417N
243-12166	19615N
243-14104	18397N
243-20103	17096N
243-20104	17081N
246-05101	18513N
246-05102	18984N
246-06101	17628N
246-06102	18012N
246-06105	18011N
246-06106	18010N
246-06108	18504N
246-06109	18009N
246-06109	18048N
246-06115	18986N
246-06116	18266N
246-14101	18144N
246-14119	18148N
246-14122	18148N
246-14128	16647N
246-14128	18141N
246-14129	18142N
265-50100	16608N-M127
265-50100	16608N-M50

MFG Part No.	Part No.
DIXIE ELECTRIC (cont.)	
265-50107	16670N
270-12102	18358N
301-18101	9191N
301-18101	9193N
301-18102	9188N
301-18102	9190N
301-18102	9191N
A-80051	12356N
A-80096	12530N
A-80117	12532N
A-80161	12534N
A-8278	12179N
A-8279	12180N
A-8291	12200N
A-8510	12080N
A-8512	12190N
A-8517	12288N
A-8574	12231N
A-860	14519N
A-8730	12470N
A-8762	12112N
A-8843	12077N
A-8855	12198N
A-8855	12199N
MS-6001	5775N
MS-6001	5802N
MS-6005	5776N
MS-6006	5932N
MS-6007	5777N
MS-6012	5754N
MS-6013	5747N
MS-6016	5899N
MS-6025	5769N
MS-6027	5951N
MS-6029	5796N
MS-632	5761N
MS-645	5702N
MS-649	5760N
MS-650	5767N
MS-650	5767N
MS-651	5761N
MS-652	5759N
MS-655	5766N
MS-667	5742N
MS-667L	5746N
MS-670	5757N
MS-671	5915N
MS-673	5701N

MFG Part No.	Part No.
DIXIE ELECTRIC (cont.)	
MS-677	5743N
MS-677L	5744N
MS-678	5749N
MS-678	5752N
MS-679	5751N
MS-680	5745N
MS-682	5749N
MS-685	5704N
MS-696	5756N
MS-697	5774N
MS-698	5770N
MS-699	5771N
S-1484	6744N
S-6243	18369N
S-6516	18358N
S-6531	18358N
S-6532	17086N
S-80090	18426N
S-80093	18504N
S-80101	18513N
S-80115	18967N
S-80116	18397N
S-80147	18982N
S-80161	19617N
S80177	19615N
S-80183	18266N
S-80204	18425N
S-8021	17354N
S-80284	18440N
S-8105	18144N
S-8106	17332N
S-8147	16637N
S-8147	17354N
S-8196	18148N
S-8197	16647N
S-8262	18148N
S-8322	17028N
S-8327	17305N
S-8328	17305N
S-8344	17141N
S-8351	17333N
S-8352	17312N
S-8352	17312N-OE
S-8397	16791N
S-8397	18162N
S-8421	17382N
S-8424	18203N
S-8489	18148N

MFG Part No.	Part No.
DIXIE ELECTRIC (cont.)	
S-8494	18145N
S-8495	18144N
S-8498	18048N
S-8508	17028N
S-8525	18400N
S-8538	17628N
S-8539	17628N
S-8555	18055N
S-8556	18205N
S-8556	18205N-ND
S-8557	17081N
S-8560	17096N
S-8677	18142N
S-8790	18148N
S-8791	18148N
S-8813	18144N
S-8848	18219N
S-8850	18218N
S-8865	18009N
S-8866	18010N
S-8872	18014N
S-8895	18012N
S-8899	18011N
S-8924	18141N
S-8933	18318N
S-8938	18403N
S-8941	18414N
S-8941	18417N
S-8999	18394N
TG-171	9193N
TG-176	9188N
TG-176	9190N
TG-176	9191N
TS-4014	16608N-M127
TS-4014	16608N-M50
TS-4042	16670N
DUCELLIER	
532021A	18358N
532023A	18358N
6185A	18358N
6185B	18358N
6185C	18358N
E-Z-GO	
16511G1	15421N
25533G01	15423N
26993G01	15423N
27065G01	15423N

MFG Part No.	Part No.
FARCOM	
104036	16608N-M127
104036	16608N-M50
FORD	
C6NF-11000-A	16608N-M127
C6NF-11000-A	16608N-M50
C7NN-11000-A	16608N-M127
C7NN-11000-A	16608N-M50
C7NN-11000-B	16608N-M127
C7NN-11000-B	16608N-M50
D0NN-11000-A	16608N-M127
D0NN-11000-A	16608N-M50
D0NN-11000-B	16608N-M127
D0NN-11000-B	16608N-M50
D4NN-11000-B	16608N-M127
D4NN-11000-B	16608N-M50
D8NN-11000-CA	16608N-M127
D8NN-11000-CA	16608N-M50
D8NN-11000-CB	16608N-M127
D8NN-11000-CB	16608N-M50
D8NN-11000-CE	16608N-M127
D8NN-11000-CE	16608N-M50
SBA18504-6320	12077N
SBA18508-6110	17305N
SBA18508-6111	17305N
SBA18508-6320	17305N
GENERAC	
075255	5746N
0C2881	5776N
0C3017	6759N
0D9004A	5788N
0D9004B	5788N
0E0601	5788N
0E0601SRV	5788N
0E0601ASRV	5788N
0E0601SRV	5788N
0E4271	6759N
0E42710ESV	6759N
0E42710SRV	6759N
72881	5776N
75255	5746N
75255A	5746N
C2881	5776N
C2881A	5776N
C3017	6759N
D9004A	5788N
D9004B	5788N
E0601	5788N

MFG Part No.	Part No.
GENERAC (cont.)	
E4271	6759N
E9323	6759N
GRASSHOPPER	
18425	67-724
185530	GH5530
RS5155	GH5530
HATZ	
50316401	18369N
HC PARTS	
CS1177	18967N
JA551	12179N
JA551	12190N
JA551	12199N
JS1007	17081N
JS1014	17096N
JS1356	18055N
JS330	17354N
JS394	16791N
JS730	18400N
JS734	18144N
JS897	18141N
JS897	18142N
HELLA	
8EA-726-026-001	16608N-M127
8EA-726-026-001	16608N-M50
HITACHI	
GD001927-E	12112N
GD205578-A	12288N
GSB107-01A	15421N
GSB107-04A	15421N
GSB107-06	15422N
GSB107-06B	15425N
GSB107-06E	15422N
GSB107-06F	15420N
GSB107-10B	15423N
GSB107-10C	15423N
LR135-91	12288N
LR140-714	12112N
LR140-714B	12112N
LR140-721B	12112N
LR140-721C	12112N
S108-101	18302N
S108-76A	18309N
S108-76B	18309N
S114-197	17305N
S114-218	17305N
S114-218A	17305N
S114-257	18205N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
HITACHI (cont.)	
S114-257	18205N-ND
S114-257G	18205N
S114-257G	18205N-ND
S114-414	18203N
S114-414A	18203N
S114-443	18055N
S114-443A	18055N
S114-483	18205N
S114-483	18205N-ND
S114-483A	18205N
S114-483A	18205N-ND
S114-613	18318N
S114-613A	18318N
S114-651	18203N
S114-651A	18203N
S114-653	18055N
S114-653A	18055N
S114-653B	18055N
S114-656	18218N
S114-656A	18218N
S114-815	18219N
S114-815A	18219N
S114-821	18440N
S114-821A	18440N
S114-883	18219N
HONDA	
31200-Z2E-003	19613N
31200-Z2E-013	19613N
31200-ZA0-701	18350N
31200-ZA1-003	18350N
31200-ZA1-0030	18350N
31200-ZE8-801	18350N
31200-ZE9-L310	18350N
31200-ZF5-L32	5917N
31200-ZH9-003	18984N
31200-ZH9-003RM	18984N
31200-ZJ1-004	5918N
31200-ZJ1A-0040	5918N
31200-ZJ4-003	5918N
31200-ZJ4-831	18986N
31204-ZA0-003	67-8200
31210-ZE2-003	18984N
31210-ZE3-013	18513N
31210-ZE3-0130	18513N
31600-890-951	HN9951
DB5B6	18513N
DDWD9	18986N

MFG Part No.	Part No.
ISHIKAWAJIMA	
185046320	12077N
185086110	17305N
185086111	17305N
185086320	17305N
185816300	66-8210
ISUZU	
8-94361-908-0	66-8210
8-94455-179-0	66-8210
8-97048-970-0	10930N
8-97048-970-0	10930N
8-97048-970-1	10930N
8-97048-970-1	10930N
8-97048-970-2	10930N
8-97048-970-2	10930N
8-97168-246-0	12778N
8-97168-246-1	12778N
JCB	
714-29500R	17652N
714-40005	17652N
J & N	
400-44026	12112N
400-48010	12077N
400-52001	12180N
400-52001	12530N
400-52014	12179N
400-52014	12190N
400-52029	12198N
400-52062	12180N
400-52098	12080N
400-52101	12470N
400-52121	12534N
400-58000	10930N
410-12182	6744N
410-12243	6759N
410-12252	6759N
410-12348	6765N
410-21008	5757N
410-21009	5766N
410-21013	5761N
410-21014	5760N
410-21015	5767N
410-21015	5767N
410-21019	5756N
410-21020	5702N
410-21021	5915N
410-21028	5769N
410-21030	5918N
410-21036	5701N

MFG Part No.	Part No.
J & N (cont.)	
410-21037	5704N
410-21040	5775N
410-21040	5802N
410-21041	5770N
410-21042	5771N
410-21048	5772N
410-21060	5917N
410-21063	5922N
410-21065	5796N
410-21069	5801N
410-21075	5953N
410-21077	5952N
410-22000	5752N
410-22001	5751N
410-22003	5742N
410-22004	5743N
410-22004	5744N
410-22005	5746N
410-22006	5745N
410-22007	5749N
410-22008	5930N
410-22016	5754N
410-22017	5747N
410-22018	5795N
410-22019	5776N
410-22022	5951N
410-22026	5936N
410-22027	5777N
410-30000	16608N-M127
410-30000	16608N-M50
410-44017	18218N
410-44018	18055N
410-44021	18219N
410-44022	18203N
410-44027	18426N
410-44029	18318N
410-44054R	18440N
410-48016	17081N
410-48031	16791N
410-48031	18162N
410-48044	17096N
410-48071	17312N
410-48071	17312N-OE
410-52024	18144N
410-52032	18513N
410-52044	18513N
410-52045	17354N
410-52048	18012N

MFG Part No.	Part No.
J & N (cont.)	
410-52050	17628N
410-52055	18009N
410-52063	18011N
410-52064	18010N
410-52065	18048N
410-52067	18984N
410-52068	18403N
410-52076	18986N
410-52078	18400N
410-52095	18148N
410-52096	18142N
410-52106	18417N
410-52107	18966N
410-52130	18266N
410-52139	18141N
410-52156	19612N
410-52165	18428N
410-52181	18990N
410-52190	19615N
410-52199	18976N
420-12002	9190N
420-12002R	9191N
420-12003	9193N
420-12005	9191N
90-27-3118	12231N
90-29-5040	14519N
90-29-5492	12199N
91-17-8884	16670N
91-27-3042	17332N
JOHN DEERE	
AM100807	17382N
AM100809	17382N
AM101406	JDR1406
AM102567	18011N
AM102596	JDR4720
AM102596	KH4309
AM102628	18403N
AM104504	17312N
AM104504	17312N-OE
AM104506	17333N
AM104559	18009N
AM105575	18010N
AM106883	5746N
AM107206	18011N
AM107631	17628N
AM108390	17628N
AM108615	18048N
AM109172	17333N

MFG Part No.	Part No.
JOHN DEERE (cont.)	
AM109263	17312N
AM109263	17312N-OE
AM109408	18012N
AM109462	KW2071
AM117130	5775N
AM120729	5775N
AM120843	18309N
AM122337	5742N
AM122435	5770N
AM124993	17628N
AM127877	18266N
AM131296	17628N
AM132303	18425N
AM132702	6744N
AM133636	18266N
AM133730	15420N
AM135707	15420N
AM30931	5749N
AM31568	5761N
AM31754	5767N
AM31754	5767N
AM32092	5752N
AM32393	5701N
AM32789	5761N
AM32853	5767N
AM32853	5767N
AM34248	5761N
AM3424B	5761N
AM34361	5767N
AM34361	5767N
AM34731	5752N
AM34753	5766N
AM34888	5761N
AM37032	5761N
AM37352	5742N
AM37725	5766N
AM37869	5761N
AM38013	5915N
AM38136	5746N
AM38984	5743N
AM39137	5742N
AM39285	5746N
AM39287	5743N
AM809215	18426N
AM875014	18055N
AM876435	18014N
AM878176	18055N
AM878415	18014N

MFG Part No.	Part No.
JOHN DEERE (cont.)	
AM878581	12112N
AM878813	18055N
AM879072	18440N
AM879204	18426N
AM879908	12356N
AM880733	12112N
AMJ7869	5761N
CH10493	14519N
HE1911567	5701N
LG490420	5746N
LG497401	5746N
LG497595	5742N
LG499521	5746N
LG691262	5746N
LG693551	5777N
LG808726	18428N
LVA12357	12356N
M143512	5776N
M70121	KW2056
M809215	18426N
M97348	KW2056
MIA10967	18425N
MIA11257	6765N
MIA11564	5922N
MIA11564	5922N
MIU11006	5922N
MIU11006	5922N
RE42778	12080N
RE501680	17086N
RE501693	17086N
RE502156	17086N
RE502196	17086N
RE60641	17086N
RE63010	17086N
RE72915	12080N
RE729151	12080N
RG60654	18014N
TY25233	18014N
TY25236	17382N
TY25237	18014N
TY25238	18426N
TY25243	12356N
TY6647	14519N
TY6760	12080N
JOHNSON ELECTRIC	
10615620	5914N
1509802	5803N
2809803	5797N

MFG Part No.	Part No.
JOHNSON ELECTRIC (cont.)	
4809804	5766N
KAWASAKI	
21066-2056	KW2056
21066-2070	KW2056
21066-2071	KW2071
21163-2057	18309N
21163-2068	18403N
21163-2070	18011N
21163-2073	18009N
21163-2073-A	18009N
21163-2074	18976N
21163-2077	18010N
21163-2081	18011N
21163-2093	18048N
21163-2101	18012N
21163-2106	18309N
21163-2112	18309N
21163-2120	18425N
21163-2128	19918N
21163-2129	18990N
21163-2130	18425N
21163-7001	5951N
21163-7001	5951N
21163-7002	18266N
21163-7003	5952N
21163-7007	5922N
21163-7007	5922N
21163-7010	5951N
21163-7010	5951N
21163-7013	5953N
21163-7014	18266N
21163-7017	5953N
21163-7021	6765N
21163-7022	5951N
21163-7022	5951N
21163-7025	6765N
21163-7029	5951N
21163-7029	5951N
21163-7031	5922N
21163-7031	5922N
235705-0100	18302N
27010-2122	66-8210
316611-8310-BA	18309N
KHD	
04412972	12180N
KOHLER	
12-098-02	5770N
12-098-03	17628N

MFG Part No.	Part No.
KOHLER (cont.)	
12-098-03S	17628N
12-098-04	5770N
12-098-05	5770N
12-098-06	5771N
12-098-08	5770N
12-098-09	5771N
12-098-10	5775N
12-098-12	5771N
12-098-13	5770N
12-098-15	5770N
12-098-19	5771N
12-098-21	5771N
12-098-21S	5771N
12-098-22	5770N
12-098-22S	5770N
15-098-02	5803N
15-098-02S	5803N
20-098-01	5796N
20-098-01S	5796N
20-098-05	5796N
20-098-05S	5796N
20-098-06	5796N
20-098-06S	5796N
234279	JDR4720
234279	KH4309
24-098-01	17628N
24-098-01S	17628N
25-098-03	5775N
25-098-08	6744N
25-098-08S	6744N
25-098-09	6744N
25-098-09S	6744N
25-098-11	6744N
25-098-11-S	6744N
25-755-03S	JDR4720
25-755-03S	KH4309
28-098-01	5797N
28-098-01S	5797N
28-755-30	5797N
28-755-30S	5797N
29-098-02	18504N
32-098-01S	5801N
41-098-01	5760N
41-098-03	5767N
41-098-03	5767N
41-098-04	5756N
41-098-06	5756N
41-098-07	5767N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
KOHLER (cont.)	
41-098-07	5767N
41-098-08	5767N
41-098-08	5767N
41-098-10	5760N
41-403-08	JDR4720
41-403-08	KH4309
41-403-08S	JDR4720
41-403-08S	KH4309
41-403-09	JDR4720
41-403-09	KH4309
45-098-01	5767N
45-098-01	5767N
45-098-04	5766N
45-098-05	5766N
45-098-06	5759N
45-098-07	5761N
45-098-09	5761N
45-098-10	5760N
45-098-11	5759N
45-099-07	5761N
48-098-02	5766N
48-098-04	5766N
51-098-01	5761N
52-098-03	5757N
52-098-04	5915N
52-098-06	5774N
52-098-07	5767N
52-098-07	5767N
52-098-09	5757N
52-098-10	5774N
52-098-11	5915N
52-098-12	5757N
52-098-13	5774N
63-098-01S	18966N
63-098-01S	18966N
A232981	5767N
A232981	5767N
A234193	5767N
A234193	5767N
A236292	5760N
A236396	5761N
A237131	5761N
A237132	5760N
A237510	5761N
A237511	5760N
A237534	5761N
A277214	5766N
A277599	5766N

MFG Part No.	Part No.
KOKUSAN DENKI	
GP9905	10930N
KOMATSU	
600-861-3410	12532N
KUBOTA	
12181-63081	66-8210
12498-63010	18009N
12499-63010	18048N
15213-63013	16637N
15231-03012	16637N
15231-63012	16637N
15231-63013	16637N
15231-63014	17354N
15231-63015	17354N
15231-63016	17354N
15271-63014	17354N
15271-63C13	17354N
15401-63010	18144N
15401-63012	18144N
15461-63010	18144N
15461-63011	18144N
15461-63012	18144N
15461-63013	18144N
15461-63014	18144N
15461-63015	18144N
15504-63010	17028N
15504-63011	17028N
15504-63012	17028N
15521-63010	18144N
15521-63011	18144N
15521-63012	18144N
15531-64013	10932N
15531-64013	10932N
15531-64016	10932N
15531-64016	10932N
15531-64603	GH5530
15601-63010	16647N
15601-63011	16647N
15621-63010	16647N
15621-63013	18142N
15621-63014	18142N
15621-63015	18142N
15741-63010	17028N
15741-63011	17028N
15852-63010	16791N
15852-63011	16791N
15852-63012	16791N
15852-63013	16791N
16097-61361	17354N

MFG Part No.	Part No.
KUBOTA (cont.)	
16225-63012	18162N
16225-63012	18162N
16225-63013	18162N
16225-63013	18162N
16231-24011	12179N
16231-64010	12190N
16231-64011	12190N
16231-64012	12190N
16241-64010	12179N
16241-64011	12179N
16241-64012	12179N
16695-63011	18148N
16695-63012	18148N
16695-63013	18148N
16705-64011	12198N
16705-64012	12198N
16871-63010	17028N
16871-63011	17028N
16871-63012	17028N
17298-63010	18144N
17298-63011	18144N
17298-63013	18144N
17341-63010	18144N
17341-63011	18144N
17341-63013	18144N
17341-63015	18144N
17356-64010	12200N
17356-64011	12200N
17356-64012	12200N
17381-63014	18141N
19007-63011	18162N
19007-63011	18162N
19215-63011	18148N
19215-63012	18148N
19215-63013	18148N
19293-63011	17354N
19837-63010	18162N
19837-63010	18162N
19837-63011	18162N
19837-63011	18162N
19837-63012	18162N
19837-63012	18162N
19837-63013	18162N
19837-63013	18162N
1G023-63010	18417N
1G023-63011	18417N
1G069-63011	18413N
34070-16081	18145N

MFG Part No.	Part No.
KUBOTA (cont.)	
34070-16083	18145N
34070-16800	18145N
34070-16803	18145N
34070-75600	12199N
34070-75601	12199N
34070-75602	12199N
37560-63010	18400N
37560-63011	18400N
37560-63012	18400N
66436-64012	12190N
67980-31151	18417N
6C070-59210	18397N
6C070-59211	18397N
6C070-59212	18397N
6C140-59210	18396N
6C140-59211	18396N
6C140-59212	18396N
70000-65424	16637N
70000-73490	16647N
70000-73500	16637N
E7194-63010	6744N
E7195-63010	18266N
E7199-63010	17354N
K3511-81410	18414N
K3511-81411	18414N
K7561-61910	12534N
K7561-61911	12534N
K7561-61912	12534N
RP201-53710	GH5530
LAWN BOY	
740207	67-724
LOMBARDINI	
58400890	18369N
LUCAS	
25372	17652N
26211	16608N-M127
26211	16608N-M50
26274	17072N
26291	16608N-M127
26291	16608N-M50
26295	17652N
26323	17072N
26338	16608N-M127
26338	16608N-M50
26339	16608N-M127
26339	16608N-M50
26345	17072N

MFG Part No.	Part No.
LUCAS (cont.)	
26358	17652N
26366	17072N
26379	16608N-M127
26379	16608N-M50
26395	16608N-M127
26395	16608N-M50
26404	16670N
26410	17072N
26411	17653N
26414	17652N
27500	16608N-M127
27500	16608N-M50
27515	17072N
27519	17652N
27536	16670N
27539	17072N
27540	17653N
27541	17652N
27546	17653N
27565	17652N
27568	17652N
27569	16608N-M127
27569	16608N-M50
27571	17653N
27572	17072N
27584	17653N
27590	17652N
27591	17653N
27598	17652N
27608	17652N
NSB529	17652N
LUCASELEKTRIK	
LES0017	16608N-M127
LES0017	16608N-M50
LES0072	18219N
LUCAS-REMFD	
A8110	14519N
A8716	14519N
LRA01288	12288N
LRA01489	12530N
LRA01543	12231N
LRA01560	12179N
LRA01560	12190N
LRA01560	12198N
LRA01560	12199N
LRA01857	12200N
LRA01950	12112N
LRA02179	12077N

MFG Part No.	Part No.
LUCAS -REMFD (cont.)	
LRA02615	12180N
LRS00212	16608N-M127
LRS00212	16608N-M50
LRS01129	18144N
LRS01139	16791N
LRS01164	18203N
LRS01168	18218N
LRS01189	17096N
LRS01225	18144N
LRS01251	18148N
LRS01276	18369N
LRS01332	18142N
LRS01333	18144N
LRS01353	18513N
LRS01429	6744N
LRS01443	18162N
LRS01526	18400N
LRS01531	18219N
LRS01568	18055N
LRS01663	18141N
LRS02100	18967N
LRS02218	18394N
LRS02241	19787N
LRS02300	18417N
S1322	18358N
S5012	16608N-M127
S5012	16608N-M50
S5027	16670N
S9124	18148N
S9901	18144N
S9908	16647N
S9916	17354N
S9922	17332N
S9924	17333N
S9925	17354N
S9931	17081N
S9972	17354N
S9997	17382N
MANDO	
G278441	15404N
M063686	15435N
MARELLI	
2873B072	17652N
MASSEY FERGUSON	
1042653M92	5761N
1048570M92	5761N
1447731R1	17072N
1860093M2	17072N

MFG Part No.	Part No.
MASSEY FERGUSON (cont.)	
1868283M2	17653N
1868283M3	17653N
1868283M5	17653N
1868285M1	17072N
1868285M2	17072N
1868285M3	17072N
1868287T	17072N
3539390M91	17072N
3763362M91	17072N
3930506R1	17072N
579487M91	17653N
579488M91	16670N
909971R2	17072N
963989M1	17072N
MERCURY MARINE	
50-830308-1	5769N
50-830308-T	5769N
50-833153	5772N
50-833153-1	5772N
50-833153-2	5772N
50-833153-5	5772N
50-833153-T4	5772N
50-859169-T	5769N
50-888151T	5769N
MITSUBISHI	
A0T25171	12231N
A0T25271	12231N
A0T25371	12231N
A0T25471	12231N
A7T03877	12077N
M0T90281	18396N
M0T90282	18396N
M1T80081	18967N
M1T80082	18967N
M1T85481	18397N
M1T90281	18967N
M2T30481	16791N
M2T42381	16791N
M2T43381	17332N
M2T43581	17312N
M2T43581	17312N-OE
M2T47281	19756N-OE
M2T50371	17141N
M2T50381	17141N
M2T50391	17141N
M2T56272	17096N
M2T56471	17081N
M2T56472	17081N

MFG Part No.	Part No.
MITSUBISHI (cont.)	
M2T56475	17081N
M2T57729	17141N
M2T60271	17081N
M2T61371	17081N
M3T10977	17332N
M3T33481	18162N
M3T49981	18162N
M3T49982	18162N
M3T64172	17081N
M8T70371	18394N
M8T75171	18394N
MEA10-07	17332N
MEA10-7	17332N
MITSUBISHI HEAVY IND	
31B66-00100	17141N
31B66-00101	17141N
31B66-00600	17141N
31B66-00601	17141N
32A66-10100	18394N
32A66-10101	18394N
34466-03200	17081N
34466-10203	17081N
34466-15202	17081N
34466-20200	17081N
34466-20201	17081N
34766-21301	17081N
34766-31300	17081N
34766-41300	17081N
MM409-41001	17141N
MITSUBISHI MOTORS	
MD184420	19617N
MM131020	12231N
M2T43781	17291N
M2T43681	17291N
M2T32581	17291N
M2T43481	17291N
M2T43881	17291N
M3T33481	18162N
M3T49981	18162N
MM409410	17141N
MM409413	17096N
MM432804	12231N
MM435081	12231N
MM435751	12231N
MM435752	12231N
NEW HOLLAND	
503470	18144N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
NEW HOLLAND (cont.)	
507127	5701N
795152	16670N
83918688	16608N-M127
83918688	16608N-M50
83949348	16608N-M127
83949348	16608N-M50
K0H2409805S	5796N
K0H2409801	17628N
K0H3209801S	5801N
TR95D9966	18012N
ONAN	
191-0734	17332N
191-0933	5702N
191-1052	17332N
191-1529	5701N
191-1567	5701N
191-1630	5706N
191-1682	17333N
191-1682-02	17333N
191-1682-03	17332N
191-1682-04	17291N
191-1682-05	17312N
191-1682-05	17312N-OE
191-1798	5919N
191-1804-04	17291N
191-1808-02	17333N
191-1808-03	17332N
191-1808-04	17291N
191-1808-05	17312N
191-1808-05	17312N-OE
191-1808-06	17291N
191-1828	5704N
191-1949-03	17332N
191-1949-04	17291N
191-1949-05	17312N
191-1949-05	17312N-OE
191-1949-06	17291N
191-1949-07	17291N
191-1949-08	17291N
191-2132	5706N
191-2158	5706N
191-2312	5919N
191-2351	5919N
PARIS RHONE	
D8E130	18358N
PERKINS	
2373A029	17652N
2378A029	17652N

MFG Part No.	Part No.
PERKINS (cont.)	
2873003	17072N
2873004	17072N
2873006	17072N
2873006R	17072N
2873006T	17652N
2873A029	17652N
2873A031	17652N
2873B053	17652N
2873B055	17652N
2873B057	17652N
2873B057R	17652N
2873B061	17653N
2873B072	17652N
2873B073	17652N
3181A032	17652N
PEUGEOT-CITROEN	
5802C3	18967N
5802E2	18967N
5802Q5	18967N
RCP	
21994A	6744N
25200A	5742N
25201A	5744N
25202A	5751N
25203A	5749N
25204A	5745N
25205A	5770N
25206A	5743N
25207A	5746N
25208A	5771N
25209A	5752N
25210A	5754N
25211A	5747N
25213A	5702N
25214A	5915N
25215A	5766N
25216A	5757N
25217A	5767N
25217A	5767N
25218A	5756N
25219A	5760N
25223A	5760N
25223A	5761N
25224A	18966N
25225A	18513N
25234A	5918N
25245A	5701N
25247A	5759N

MFG Part No.	Part No.
RCP (cont.)	
25262A	18302N
25275A	5951N
AL-12179	12190N
AL-12180	12180N
AL-12190	12190N
AL-12199	12199N
ST-16791	16791N
ST-17081	17081N
ST-17628	17628N
ST-17628	6744N
ST-18009	18009N
ST-18010	18010N
ST-18011	18011N
ST-18012	18012N
ST-18048	18048N
ST-18055	18055N
ST-18142	18141N
ST-18142	18142N
ST-18144	18144N
ST-18145	18145N
ST-18148	18148N
ST-18203	18203N
ST-18218	18218N
ST-18219	18219N
ST-18302	18302N
ST-18318	18318N
ST-18358	18358N
ST-18400	18400N
ST-18403	18403N
ST-18513	18513N
ST-18984	18984N
ST-18986	18986N
ST-5701	5701N
ST-5702	5702N
ST-5704	5704N
ST-5742	5742N
ST-5743	5743N
ST-5744	5744N
ST-5745	5745N
ST-5746	5746N
ST-5747	5747N
ST-5749	5749N
ST-5751	5751N
ST-5752	5752N
ST-5754	5754N
ST-5755	5761N
ST-5757	5757N
ST-5759	5759N

MFG Part No.	Part No.
RCP (cont.)	
ST-5760	5760N
ST-5761	5761N
ST-5766	5766N
ST-5767	5767N
ST-5767	5767N
ST-5770	5770N
ST-5771	5771N
ST-5776	5776N
ST-5917	5917N
ST-5918	5918N
ST-60480	17081N
ST-6300	18504N
ST-6744	6744N
STR-1051	5760N
STR-1052	5761N
STR-1053	5761N
STR-1055	5766N
STR-1056	5767N
STR-1056	5767N
STR-1057	5761N
STR-1058	5756N
STR-1070	5757N
STR-3309	18219N
STR-3571	18162N
STR-3806	18203N
REMY-EUROPE	
19024266	16608N-M127
19024266	16608N-M50
DRA0336	12470N
DRA3218	12112N
DRA3453	12180N
DRA3827	12530N
DRA5411	12288N
DRS0148	18417N
DRS1671	18358N
DRS2881	16791N
DRS3115	18967N
DRS3197	16608N-M127
DRS3197	16608N-M50
DRS3224	18162N
DRS3227	18148N
DRS3228	16647N
DRS3229	17028N
DRS3229	18400N
DRS3240	18967N
DRS3247	18205N
DRS3247	18205N-ND
DRS3264	16608N-M127

MFG Part No.	Part No.
REMY-EUROPE (cont.)	
DRS3264	16608N-M50
DRS3279	18394N
DRS3283	17081N
DRS3598	17096N
DRS3713	17141N
DRS3966	18400N
DRS8070	18369N
RENAULT	
7701348746	18358N
SHINDENGEN	
SH547-12	HN9951
SH578-12	KW2056
SH626-12	KW2056
SH637-12	KW2071
SNAPPER	
1-8604	67-724
SUZUKI	
31220-52A20	66-8210
TECUMSEH	
32468	5752N
32468A	5752N
32468B	5752N
33290	5897N
33290A	5897N
33290B	5897N
33290C	5897N
33290D	5897N
33290E	5897N
33328	5899N
33328B	5899N
33328C	5899N
33328D	5899N
33328E	5899N
33329	5898N
33329A	5898N
33329B	5898N
33329C	5898N
33329D	5898N
33329E	5898N
33605	5749N
33606	5752N
33607	5896N
33835	5751N
35763	5749N
35763A	5749N
35765	5752N
35765A	5752N
36264	5754N

MFG Part No.	Part No.
TECUMSEH (cont.)	
36463	5749N
36680	5749N
36795	5754N
36914	5747N
37000	5898N
37284	5893N
37425	5747N
610749	JDR4720
610749	KH4309
TORO	
28-4210	67-724
46-7610	17096N
47-1910	67-724
57-9480	5701N
67-4630	12231N
70-5860	17081N
98-9474	12199N
TOYOTA	
27060-78001	12180N
27060-78001-71	12180N
28150-10021	66-8210
28150-11710-71	66-8210
TRISCAN	
22-320-002-102	16608N-M127
22-320-002-102	16608N-M50
UNIPOINT	
ALT-5024	12112N
STR-1001	5742N
STR-1001A	5742N
STR-1002	5743N
STR-1002A	5743N
STR-1002A	5744N
STR-1005	5746N
STR-1005A	5746N
STR-1006	5744N
STR-1006A	5744N
STR-1007	5749N
STR-1009	5747N
STR-1045	5774N
STR-1046	5747N
STR-1047	5754N
STR-1049	5770N
STR-3571	17354N
STR-3800	18055N
STR-3801	18055N
STR-3802	18318N
STR-3803	18218N
STR-4700	18967N

MFG Part No.	Part No.
UNIPOINT (cont.)	
STR-6048	17081N
STR-8019	18144N
STR-8110	18400N
STR-8111	18141N
STR-8276	17628N
STR-8276	6744N
UNITED TECHNOLOGIES	
0599440MO30SM	5761N
0599540MO30SM	5760N
10615620MO18SM	5914N
1079540MO30SM	5702N
1146340MO30SM	5761N
1250729MO30SM	5759N
1250740MO30SM	5761N
1492540MO30SM	5759N
1574540MO30SM	5766N
1635340MO30SM	5761N
1819040MO30SM	5757N
1819140MO30SM	5915N
2134940MO30SM	5774N
4367240MO30SM	5701N
4372740MO30SM	5767N
4379040MO30SM	5701N
4733040MO30SM	5756N
5082740MO30SM	5704N
5200640MO25SM	5803N
5213140MO30SM	5757N
5213240MO30SM	5774N
5225040MO30SM	5770N
5239740MO30SM	5771N
5278340MO30SM	5770N
5278440MO30SM	5771N
5665740MO30SM	5760N
5665840MO30SM	5759N
5665940MO30SM	5766N
5666240MO30SM	5757N
5666340MO30SM	5915N
5666440MO30SM	5774N
5666640MO30SM	5756N
5666940MO30SM	5770N
5667040MO30SM	5771N
5667140MO30SM	5775N
5680640MO30SM	5918N
6019440MO30SM	5706N
6020940MO30SM	5919N
6091740MO30SM	5706N
6502540MO30SM	5797N
6560020MO30SM	5802N

MFG Part No.	Part No.
UNITED TECHNOLOGIES (cont.)	
6767540MO30SM	5769N
6781540MO30SM	5772N
SM01965	5742N
SM05994	5761N
SM05995	5760N
SM10795	5702N
SM15745	5766N
SM16353	5761N
SM18191	5915N
SM21349	5774N
SM43727	5767N
SM43727	5767N
SM43762	5701N
SM52132	5774N
SM56664	5774N
SM56804	5918N
SM60917	5706N
SM65025	5797N
SM67675	5769N
SM67815	5772N
SME12A11	5761N
VALEO	
185740	18358N
187031	17086N
432557	18358N
433243	18358N
436497	12179N
436497	12199N
436498	12180N
436507	12288N
438012	17086N
455735	17086N
D6RA42	18358N
D6RA421	18358N
D7R14	17086N
TM000A21901	17291N
TMC001B0011	15435N
TMC001B0021	15404N
WILSON	
90-25-1060	12288N
90-25-1095	12112N
90-27-3191	12231N
90-27-3199	12077N
90-29-5171	12180N
90-29-5179	12200N
90-29-5180	12179N
90-29-5180	12198N
90-29-5180	12199N

Lawn & Garden - Cross Reference

MFG Part No.	Part No.
WILSON (cont.)	
90-29-5294	12080N
90-29-5340	12190N
90-29-5395	12470N
90-29-5459	12534N
90-29-5487	12778N
90-29-5504	12530N
90-29-5529	12534N
90-37-1000	10930N
91-01-4547	6744N
91-09-1002	5742N
91-09-1002	5746N
91-09-1005	5761N
91-09-1006	5760N
91-09-1007	5767N
91-09-1007	5767N
91-09-1012	5702N
91-09-1017	5759N
91-09-1018	5766N
91-09-1022	5757N
91-09-1023	5915N
91-09-1026	5701N
91-09-1038	5756N
91-09-1043	5774N
91-09-1044	5770N
91-09-1072	5771N
91-09-1075	5769N
91-09-1076	5772N
91-09-1081	5704N
91-09-1086	5918N
91-15-7146	18369N
91-17-8882	16608N-M127
91-17-8882	16608N-M50
91-20-3502	18358N
91-20-3530	17086N
91-25-1075	17305N
91-25-1102	18205N
91-25-1102	18205N-ND
91-25-1109	18055N
91-25-1112	18203N
91-25-1133	18218N
91-25-1134	18219N
91-25-1149	18318N
91-27-3091	17333N
91-27-3092	17081N
91-27-3096	17096N
91-27-3099	17312N
91-27-3099	17312N-OE

MFG Part No.	Part No.
WILSON (cont.)	
91-27-3144	17141N
91-27-3144N	17141N
91-27-3147	18162N
91-27-3147N	18162N
91-27-3154	16791N
91-27-3154N	16791N
91-27-3302	18394N
91-27-3302N	18394N
91-27-3328	18396N
91-27-3474	18397N
91-29-5112	16637N
91-29-5112	17354N
91-29-5119	16647N
91-29-5120	18144N
91-29-5147	18148N
91-29-5184	17382N
91-29-5201	18010N
91-29-5212	18144N
91-29-5214	18144N
91-29-5217	17028N
91-29-5218	18048N
91-29-5239	17628N
91-29-5239N	17628N
91-29-5304	18009N
91-29-5308	18142N
91-29-5310	18141N
91-29-5313	18144N
91-29-5351	18012N
91-29-5351N	18012N
91-29-5360	18014N
91-29-5367	19617N
91-29-5395	18011N
91-29-5396	18513N
91-29-5396N	18513N
91-29-5450	18400N
91-29-5451	18403N
91-29-5451N	18403N
91-29-5524	18426N
91-29-5524N	18426N
91-29-5554	18417N
91-29-5563	18414N
91-29-5588	18266N
91-29-5594	5770N
91-29-5649	18984N
91-35-1001	5743N
91-35-1002	5752N
91-35-1003	5751N

MFG Part No.	Part No.
WILSON (cont.)	
91-35-1005	5745N
91-35-1006	5749N
91-35-1021	5899N
91-35-1028	5746N
91-35-1028	5776N
91-35-1029	5742N
91-35-1030	5795N
91-35-1035	5744N
92-01-3141	9191N
92-01-3144	9193N
92-01-3145	9193N
92-01-3147	9191N
92-01-3148	9190N
92-01-3149	9193N
WISCONSIN-ROBIN	
235-70501-00	18302N
WOOD AUTO SUPPLIES	
ALT30002	12200N
ALT30004	12080N
ALT30157	12356N
ALT30166	12470N
ALT30364	12778N
STR22118	18369N
STR23002	18318N
STR30007	18142N
STR30014	18417N
STR70151	19787N
STR71101	18394N
STR72099	18318N
STR72100	18218N
STR8019	18144N
STR8090	18400N
YAMAHA	
114361-77011	18203N
114362-77010	18203N
114362-77011	18203N
118400-77010	18440N
119225-77010	18055N
119225-77011	18055N
119226-77010	18055N
119515-77010	19615N
119620-77011	17382N
119626-77010	18426N
119626-77011	18426N
119717-77010	19615N
119836-77200	12112N
119836-77200-2	12112N

MFG Part No.	Part No.
YAMAHA (cont.)	
119836-77200-3	12112N
119836-77201	12112N
119865-77012	18218N
121256-77011	18205N
121256-77011	18205N-ND
124080-77201	12288N
124190-77010	18318N
124190-77011	18318N
129129-77010	18014N
129407-77010	18014N
129423-77200	12356N
129573-77010	18205N
129573-77010	18205N-ND
129612-77230	12112N
129698-77010	18219N
171008-77010	18205N
171008-77010	18205N-ND
65W-81800-00	5769N
65W-81800-01	5769N
67C-81800-00	5769N
J38-81100-10-00	15425N
J38-81100-11	15425N
J38-81100-11-00	15425N
JN6-H1100-00-00	15422N
JN6-H1100-01-00	15422N
JN6-H1100-02-00	15422N

Notes



USA

WAI Corporate

3300 Corporate Way
Miramar
Florida
FL 33025

Toll Free: 1.800.877.3340

Fax: 800.948.6121

Canada

Toronto

535 Millway Avenue, Unit 1
Vaughan, Ontario
Canada
L4K 3V4

Toll Free: 800.387.2807

Fax: 416.740.5348

Europe

WAI Europe b.v.

Klappolder 225
2665 MR Bleiswijk
The Netherlands

Phone: +31 (0)10.524.1980

Fax: +31 (0)10.524.1981

United Kingdom

WAIglobal UK Ltd

Christie Place
Durban Road
Bognor Regis
West Sussex PO22 9RT

Phone: +44 (0)1243 833 420

Fax: +44 (0)1243 833 421

China

Transpo Electronics Shanghai LTD

Building No. 32 215 De Bao Rd
Wai Gao Qiao Free Trade Zone
Pudong, Shanghai 200131
Peoples Republic of China

Phone: 86.21.5048.2700

Fax: 86.21.5048.2722