

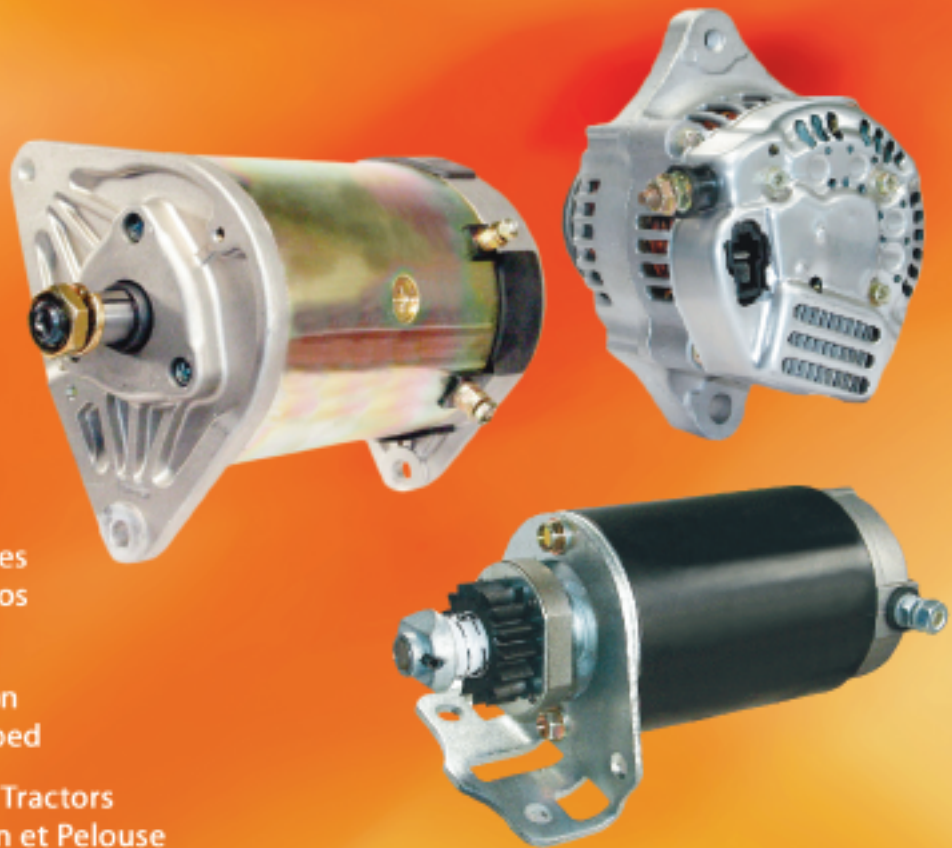


Dixie Electric Ltd.

2005

# OUTDOOR POWER EQUIPMENT ÉQUIPEMENT EXTÉRIEUR MOTORISÉ EQUIPOS EXTERIOR MOTORIZADOS

- Generators  
Génératrices  
Generadores
- Golf Carts  
Chariots de Golf  
Carros de Golf
- Utility Vehicles  
Véhicules Utilitaires  
Vehículos Utilitarios
- Turf Tractors  
Tracteurs de Gazon  
Tractores del Césped
- Lawn and Garden Tractors  
Tracteurs de Jardin et Pelouse  
Tractores para Jardin y Césped



**EXCHANGE • ÉCHANGE • INTERCAMBIO**

ALTERNATORS, STARTER/GENERATORS, STARTERS  
ALTERNATEURS, DÉMARREURS/GÉNÉRATEURS, DÉMARREURS  
ALTERNADORES, MOTORES DE ARRANQUE/GENERADORES, MOTORES DE ARRANQUE



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Mitsubishi	7

**STARTER/GENERATORS • DÉMARREUR/GÉNÉRATEURS • MOTORES DE ARRANQUE/GENERADOR**



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**STARTERS • DÉMARREURS • MOTORES DE ARRANQUE**



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**ABBREVIATIONS • ABRÉVIATIONS • ABREVIATURAS**

Abbreviation	Description	Description	Descripción
A	Amperes	Ampères	Amperios
B & S	Briggs & Stratton	Briggs & Stratton	Briggs & Stratton
CCW	Counter clockwise	Rotation sens anti horraire	Rotación de contrareloj
CW	Clockwise	Rotation sens horraire	Rotación de reloj
Cyl.	Cylinders	Cylindres	Cilindros
EF	External fan	Ventilateur extérieur	Ventilador externo
ER	External regulator	Régulateur extérieur	Regulador externo
HP	Horsepower	Cheval vapeur	Caballos de fuerza
IF	Internal fan	Ventilateur intérieur	Ventilador interno
IR	Internal Regulator	Régulateur incorporé	Regulador incorporado
kW	Kilowatt	Kilowatt	Kilovatio
No.	Number	Nombre	Número
RV	Recreational Vehicle	Véhicule Récréatif	Vehículo Recreativo
T	Teeth	Dents	Dientes
UT	United Technologies	United Technologies	United Technologies
V	Volts	Volts	Voltios

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1101997	TG-176	S114-443A	S-8555	8-94133-338-0	S-8800		
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52-098-03	MS-670	15621-63012	S-8677			MM409413	S-8560
52-098-04	MS-671	15621-63014	S-8677	<b>MAGNETI MARELLI</b>		MM435752	A-8574
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15425-63010	S-8463	19212-63011	S-8791	M2T43481	S-8353	191-2312	MS-688
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15461-63010	S-8105	19460-63013	S-8889	M2T56271	S-8560	32468	MS-678
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15461-63012	S-8105	19837-63010	S-8397	M2T56471	S-8557	32468B	MS-678
15461-63013	S-8105	19837-63013	S-8397	M2T56472	S-8557	32510	MS-679
15461-63014	S-8105	34070-75600	A-8855	M2T58981	S-80088	32817	MS-679
15471-64010	A-8309	34070-75601	A-8855	M2T61371	S-8557	33202	MS-682
15471-64011	A-8309	67980-31151	S-8941	M2T63371	S-80089	33290	MS-6015
15511-63011	S-8105	70000-65424	S-8397	M3T33481	S-8397	33290A	MS-6015
15521-63010	S-8105	70000-73490	S-8924	M3T49981	S-8397	33290B	MS-6015



Original No.	Dixie No.	Original No.	Dixie No.	Original No.	Dixie No.	Original No.	Dixie No.
<b>TECUMSEH</b>		<b>UNITED TECHNOLOGIES</b>		<b>UNITED TECHNOLOGIES</b>			
33290C	MS-6015	5665940MO30SM	MS-655	SMH12A4	MS-632		
33290D	MS-6015	5666140MO30SM	MS-632	SMH12A5	MS-649		
33290E	MS-6015	5666340MO30SM	MS-671	SMH12A6	MS-650		
33306	MS-678	5666440MO30SM	MS-697	SMH12B81	MS-645		
33328	MS-6016	5666540MO30SM	MS-650	SMH12C1	MS-655		
33328A	MS-6016	5666640MO30SM	MS-696				
33328B	MS-6016	5666940MO30SM	MS-698	<b>VALEO</b>			
33328C	MS-6016	5667040MO30SM	MS-699	432557	S-6531		
33328D	MS-6016	5667140MO30SM	MS-6001	433243	S-6531		
33329	MS-6014	5710440MO30SM	MS-665	D6RA42	S-6531		
33329A	MS-6014	5717340MO30SM	MS-682				
33329B	MS-6014	6013840MO30SM	MS-684	<b>YAMAHA</b>			
33329C	MS-6014	6019440MO30SM	MS-687	J38-81100-00	SG-802		
33329D	MS-6014	6020940MO30SM	MS-688	JN5-H1100-00	SG-803		
33329E	MS-6014	6091740MO30SM	MS-687	JN6-H1100-00	SG-803		
33605	MS-682	6727040MO30SM	MS-6001	JN6-H1100-01	SG-803		
33606	MS-678	SM01965	MS-667				
33835	MS-679	SM05995	MS-649	<b>YANMAR</b>			
35763	MS-682	SM05996	MS-650	104211-77010	S-8550		
35763A	MS-682	SM10795	MS-645	114362-77010	S-8424		
35765	MS-678	SM14925	MS-652	114362-77011	S-8424		
35765A	MS-678	SM15745	MS-655	119209-77010	S-8807		
36264	MS-6012	SM18191	MS-671	119225-77010	S-8555		
36463	MS-682	SM20200	MS-665	119225-77011	S-8555		
36680	MS-682	SM21349	MS-697	119226-77010	S-8555		
36795	MS-6012	SM43672	MS-673	119255-77010	S-8914		
36914	MS-6013	SM43727	MS-650	119285-77010	S-8807		
37425	MS-6013	SM43790	MS-673	119620-77200	A-8447		
		SM47330	MS-696	119620-77201	A-8451		
		SM50827	MS-685	119620-77202	A-8451		
<b>TOYOSHA</b>		SM50861	MS-665	119631-77011	S-8914		
43-0390	A-8391	SM51747	S-8539	119865-77011	S-80090		
57-9480	MS-673	SM52132	MS-697	119865-77012	S-80090		
99-7108	SG-808	SM52250	MS-698	121120-77010	S-8089		
5001-8101-00	A-8499	SM52397	MS-699	121120-77011	S-8807		
5001-8101-00-0	A-8499	SM52783	MS-698	121450-77010	S-80090		
		SM52784	MS-699	121400-77010	S-8488		
<b>UNITED TECHNOLOGIES</b>		SM56657	MS-649	124190-77010	S-8933		
0599440MO30SM	MS-632	SM56658	MS-652	124190-77011	S-8933		
0599521MO30SM	MS-649	SM56659	MS-655	124250-77012	S-8488		
0599629MO30SM	MS-650	SM56663	MS-671	124450-77010	S-8789		
1079540MO30SM	MS-645	SM56664	MS-697	124770-77010	S-8789		
1146340MO30SM	MS-632	SM56665	MS-650	128170-77010	S-8553		
1250740MO30SM	MS-632	SM56666	MS-696	129400-77011	S-8488		
1492527MO30SM	MS-652	SM56669	MS-698	129400-77012	S-8488		
1574540MO30SM	MS-655	SM56670	MS-699	129429-77010	S-8868		
1635340MO30SM	MS-632	SM56671	MS-6001	129429-77011	S-8868		
1819140MO30SM	MS-671	SM57104	MS-665	129698-77010	S-8848		
2020040MO30SM	MS-665	SM57173	MS-682	171353-77010	S-8546		
2134940MO30SM	MS-697	SM60138	MS-684				
4367240MO30SM	MS-673	SM60194	MS-687				
4372740MO30SM	MS-650	SM60209	MS-688				
4379040MO30SM	MS-673	SM60917	MS-687				
4733040MO30SM	MS-696	SM67270	MS-6001				
5068120MO30SM	MS-665	SME12A11	MS-632				
5082740MO30SM	MS-685	SME12A12	MS-650				
5174720MO30SM	S-8539	SME12A13	MS-649				
5213240MO30SM	MS-697	SMH12A1	MS-650				
5225040MO30SM	MS-698	SMH12A11	MS-676				
5239740MO30SM	MS-699	SMH12A2	MS-632				
5278340MO30SM	MS-698	SMH12A201	MS-632				
5278440MO30SM	MS-699	SMH12A3	MS-649				
5665840MO30SM	MS-652						

**DENSO**



**A-8277**

**12V, 40A, IR/IF**

*Replaces:*

**Denso:** 100211-1630

**Kubota:** 15881-64201

*Application:*

**Kubota:** A28, D950, D1105, WG750, Eng.

**DENSO**



**A-8309**

**12V, 25A, ER/EF**

*Replaces:*

**Case:** 1959600C1

**Denso:** 0210000-5670, -6840, -8620

**Kubota:** 15411-64010, 15471-64011, 15606-64010, 15312-64010

*Application:*

**Kubota:** Various Engines

**DENSO**



**A-8512**

**12V, 30A, IR/IF**

*Replaces:*

**Denso:** 100211-4520

**Kubota:** 16231-64010, -64011, -64012

*Application:*

**Kubota:** D950, D1005, D1105, DH905, DH1105, V1305, V1505 Eng.



**A-8278**

**12V, 40A, IR/IF**

*Replaces:*

**Case:** 133745A1

**Denso:** 100211-1670

**Kubota:** 16241-64010, -64011

*Application:*

**Kubota:** D600, D722, D850, D950, D1005, D1105, V1200, V1305, V1505, WG750 Eng.



**A-8447**

**12V, 35A, IR/EF**

*Replaces:*

**Case:** 1972275C1

**Denso:** 100211-0940

**John Deere:** AM100800

**Yanmar:** 119620-77200

*Application:*

**Yanmar:** 3T72, 3TNA72, 4TN82 Eng.



**A-8855**

**12V, 40A, IR/IF**

*Replaces:*

**Denso:** 100211-4640, -4650, -4770, -4771

**Kubota:** 16495-64011, 16705-64011

34070-75600, -75601

*Application:*

**Kubota:** D1503, D1703, V1903, V2203 Eng.



**A-8289**

**12V, 35A, ER/EF**

*Replaces:*

**Denso:** 0210000-8660, 121000-0980

**Kubota:** 15253-64010, 15763-64011

*Application:*

**Kubota:** Various Engines



**A-8451**

**12V, 45A, IR/IF**

*Replaces:*

**Denso:** 100211-4530, -4531

**John Deere:** AM877740, TY25239

**Yanmar:** 119620-77201, -77202

*Application:*

**Yanmar:** 3T72, 3TN75, 3TN84, 3TNA72 Eng.

**HITACHI**



**A-8499**

**12V, 35A, IR/EF**

*Replaces:*

**Hitachi:** LR135-58, LR135-58B

**Toyosha:** 5001-18101-00, 5001-18101-00-0

*Application:*

**Toyosha:** 2-77, 2-90, 3-142 Eng.

**Massey Ferguson:** Compact Tractors

**MANDO**



**A-80047**  
**12V, 55A, IR/EF**  
*Replaces:*  
**Cushman:** 893633  
**Mando:** AC155907  
*Application:*  
**Suzuki:** 660 Eng.  
**Perkins:** 103-10 Eng.

**MITSUBISHI**



**A-8391**  
**12V, 35A, ER/EF**  
*Replaces:*  
**International:** 1273116C91  
**Mitsubishi:** AH2045M, A1T23074, MD017645  
**Toro:** 43-0390  
*Application:*  
**Mitsubishi:** K3D Eng.



**A-8574**  
**12V, 40A, IR/IF**  
*Replaces:*  
**Mitsubishi:** A0T25371, A0T25471, MM131020, MM453752  
*Application:*  
**Mitsubishi:** K3, L3, L3E, 3-64, 3-75, 3-91 Eng.

**DELCO REMY**



**TG-169**  
**12V, 10A, CW**  
*Replaces:*  
**Delco:** 1101695, 1101873, 1101933, 1101974, 1101975, 1101990  
*Application:*  
**Briggs & Stratton:** 8, 10 HP Eng.  
**Kohler:** K91, 101, 121, 141, 161 K181, 241, 301, 321 Eng.



**TG-171**  
**12V, 12A, CW**  
*Replaces:*  
**Delco:** 1101689, 1101864, 1101940, 1101965, 1101973, 1101998  
*Application:*  
**Briggs & Stratton:** 9-16 HP Eng.  
**Kohler:** K181, 241, 301, 321 Eng.



**TG-176**  
**12V, 15A, CCW**  
*Replaces:*  
**Delco:** 1101691, 1101692, 1101951, 1101967, 1101996, 1101997  
*Application:*  
**Kohler:** K161, 241 Eng.

**HITACHI**



**SG-800**  
**12V, 23A, 0.7kW, CW/CCW**  
*Replaces:*  
**Club -Car:** 1012316  
**Columbia:** 3008369 A, B, C, D,  
**Hitachi:** GSB107-01,E; GSB107-04A  
**Mando** M003393  
*Application:*  
**Club-Car** FE290, FE350.  
**Columbia** 2 CYCLE GAS



**SG-802**  
**12V, 23A, 0.7kW, CW/CCW**  
*Replaces:*  
**Hitachi:** GSB107-06B  
**Yamaha:** J38-81100-00  
*Application:*  
**Yamaha:** G2, 8, 9 11, 14



**SG-803**  
**12V, 23A, 0.7kW, CW/CCW**  
*Replaces:*  
**Hitachi:** GSB107-06B  
**Yamaha:** JN5-H1100-00, JN6-H1100-00, JN6-H1100-01  
*Application:*  
**Yamaha:** G16, 22

**HITACHI**



**SG-804**

12V, 23A, 0.75kW, CW/CCW

Replaces:

Hitachi: GSB107-06F

Application:

John Deere TURF GATOR (4 CYCLE)

**MANDO**



**SG-807**

12V, 23A, 0.75kW, CCW

Replaces:

Club-Car: 101829401

Mando: M063686

Application:

Club-Car FE290, FE350

**BRIGGS & STRATTON**



**MS-667**

12V, CCW, 16 Teeth

Replaces:

B & S: 391423, 392749, 394805, 435303, 497595, 693054

UT: SM01965

Application:

B & S: Single Cyl; 5, 6, 8, 10, 11 HP Eng.

John Deere: 108, 111



**SG-805**

12V, 23A, 0.7kW, CW/CCW

Replaces:

Ez-Go: 16511G1, 16874G1, 27065G01

Hitachi: GSB107-10, A, B, C

Application:

Ez-Go 2 CYCLE GAS



**SG-808**

12V, 23A, 0.75kW, CCW

Replaces:

Toro: 997108

Application:

Toro Utility Vehicle



**MS-667L**

12V, CCW, 16 Teeth

Replaces:

B & S: 393499, 394943, 399169, 490420, 494198, 494990, 497401

Application:

B & S: Single Cyl., 12-16 HP Eng.

Massey Ferguson: 114, 116L, TX

**MANDO**



**SG-806**

12V, 23A, 0.75kW, CW

Replaces:

Club-Car: 101833701

Mando: G096503, G278441, G338771

Application:

Club-Car

**BOSCH**



**S-8328**

12V, 1.4kW, CW, 9 Teeth

Replaces:

Bosch: 0-001-107-078, 0-001-108-181

Ishikawajima: 18508-6610, 18508-6620

Application:

Perkins: 103-10 Eng.



**MS-676**

12V, CCW, 9 Teeth

Replaces:

B & S: 390307

UT: SMH12A11

Application:

B & S: 7-8 HP Eng.

**BRIGGS & STRATTON****MS-677****12V, CCW, 16 Teeth***Replaces:***B & S:** 393017, 394674, 394808, 435307, 497596*Application:***B & S:** Twin (2) Cyl., 14 & 18 HP Eng.**MS-677L****12V, CCW, 16 Teeth***Replaces:***B & S:** 399928, 495100, 498148*Application:***B & S:** Twin (2) Cyl., 14-18 HP Eng.**MS-680****12V, CCW, 16 Teeth***Replaces:***B & S:** 391178, 394807, 396306*Application:***B & S:** Horizontal, 10 HP Eng.**BRIGGS & STRATTON****MS-6006****12V, CCW, 14 Teeth***Replaces:***B & S:** 693552*Application:***B & S:** 14-15 HP Eng.**MS-6007****12V, CCW, 14 Teeth***Replaces:***B & S:** 693551*Application:***B & S:** 15-16.5 HP Eng.**MS-6008****12V, CCW, 17 Teeth***Application:***Briggs & Stratton****BRIGGS & STRATTON****MS-6009****120V, CCW, 17 Teeth***Application:***Briggs & Stratton****MS-6010****120V, CCW, 10 Teeth***Application:***Briggs & Stratton****MS-6011****230V, CCW, 17 Teeth***Application:***Briggs & Stratton**

**DELCO REMY**



**S-8539**

**12V, 0.6kW, CCW, 9 Teeth**

*Replaces:*  
**Delco:** 10455513  
**Denso:** 128000-7480; 228000-2640, -7990  
**John Deere:** AM108390, AM131296  
**Kohler:** 12-098-03, 24-098-01, 25-098-08  
*Application:*  
**Kohler:** CH12.5, 14, 18, 20, 22, CV12.5, 14 HP Eng.

**DENSO**



**S-8152-1**

**12V, 2.0kW, CW, 9 Teeth**

*Replaces:*  
**Denso:** 028000-7000, -7790; 128000-0020, -0960, -2880  
**Isuzu:** 5811001660, -1830; 8941233870, 8944127300, 8944489591  
*Application:*  
**Isuzu:** C190 Eng. (KAD, KBD20)

**DENSO**



**S-8463**

**12V, 2.0 kW, CW, 9 Teeth**

*Replaces:*  
**Denso:** 028000-9030, 228000-0690, -4570, -4750  
**Gehl:** 127592  
**Kubota:** 15425-63010, 1, 2, 3, 4, 5, 6  
*Application:*  
**Kubota:** V2203B, Eng.  
**Gehl, Ingersol Rand, Leon Ram, Thomas**

**DENSO**



**S-8089**

**12V, 1.4kW CW, 15 Teeth**

*Replaces:*  
**Denso:** 028000-5730  
**Hitachi:** S114-116  
**John Deere:** CH12741, CH19284, TY6673, TY6715  
**Yanmar:** 121120-77010  
*Application:*  
**Yanmar:** 3-78, 3T80, 3TN82 Eng.  
**John Deere:** Tractors



**S-8261**

**12V, 1.4 kW, CW, 11 Teeth**

*Replaces:*  
**Denso:** 028000-7830, 128000-0140, -6280  
**Kubota:** 19013-63011, 19202-63011, 19821-63011  
*Application:*  
**Kubota:** V1902, V2202 Eng.



**S-8498**

**12V, 0.7kW, CCW, 9 Teeth**

*Replaces:*  
**Denso:** 128000-4020, 128000-7940  
**John Deere:** AM104559, AM108615  
**Kawasaki:** 21163-2073, 21163-2093  
**Kubota:** 12499-63010  
*Application:*  
**John Deere:** GT262, GT275, LX170, 170, 265, 325  
**Kawasaki:** FC420V; 14, 17, 18 HP Eng.



**S-8105**

**12V, 1.4 kW, CW, 9 Teeth**

*Replaces:*  
**Denso:** 028000-4200, -4990, -6260; 128000-0170, -0180; 228000-1020, -4920  
**Kubota:** 15461-63010, 15521-63010, 15461-63013, 17298-63011  
*Application:*  
**Kubota:** D1100BH, D1302, D1402, S2200, V1902 Eng.



**S-8397**

**12V, 0.8kW, CW, 9 Teeth**

*Replaces:*  
**Denso:** 028000-3501, -7460, -7470, -9570  
**Kubota:** 16225-63012, 19293-63011, 19837-63010  
**Mitsubishi:** M2T30481, -42381, M3T33481, -49981, -49982  
**Onan:** 185-2116  
*Application:*  
**Kubota:** D600, 640, WG750, Z400, Z430, Z482 Eng.



**S-8499**

**12V, 2.0 kW, CW, 11 Teeth**

*Replaces:*  
**Denso:** 128000-2160, 128000-8550  
**Kubota:** 15833-63010, 17121-63011  
*Application:*  
**Kubota:** V1502B Eng.

**DENSO**



**S-8539**

12V, 0.6kW, CCW, 9 Teeth

Replaces:

**Delco:** 10455513

**Denso:** 128000-7480; 228000-2640, -7990

**John Deere:** AM108390, AM131296

**Kohler:** 12-098-03, 24-098-01

Application:

**Kohler:** CH12.5, 14, 18, 20, 22  
CV12.5, 14 HP Eng.

**DENSO**



**S-8791**

12V, 1.4 kW, CW, 9 Teeth

Replaces:

**Denso:** 028000-6140, 128000-4900,  
228000-1060

**Kubota:** 19212-63011, 19215-63011, 2, 3

Application:

**Kubota:** ZB600C Eng.

**DENSO**



**S-8866**

12V, 0.6kW, CCW, 9 Teeth

Replaces:

**Denso:** 128000-5500

**John Deere:** AM105575

**Kawasaki:** 21163-2077

**Kubota:** 12498-63010

Application:

**Kawasaki:** FD590V Eng; 15, 17, 18, 20 HP  
**John Deere:** LX 178; 188, 285, 345 Lawn  
Tractors



**S-8546**

12V, 2.0kW CW, 15 Teeth

Replaces:

**Denso:** 128000-2070

**Yanmar:** 171353-77010

Application:

**Yanmar:** 3TN78

**John Deere:** Tractors



**S-8792**

12V, 1.4 kW, CW, 11 Teeth

Replaces:

**Denso:** 228000-1070, -1071

**Kubota:** 19013-63012, 19013-63013

Application:

**Kubota:** V2202 Eng.



**S-8868**

12V, 2.0kW CW, 15 Teeth

Replaces:

**Denso:** 128000-7300, 228000-7110

**John Deere:** TY25235, AM877284,

TY25234, AM879743

**Yanmar:** 129429-77010, 129429-77011

Application:

**Yanmar:** 4TNE84, 4TNE88 Engines  
**John Deere:** Tractors



**S-8677**

12V, 1.4 kW, CW, 11 Teeth

Replaces:

**Denso:** 228000-1000, 228000-1001

**Kubota:** 15621-63012, 15621-63014

Application:

**Kubota:** F2803, S2800 Eng.



**S-8807**

12V, 1.4kW CW, 15 Teeth

Replaces:

**Denso:** 128000-0710, 228000-0110, -3800

**John Deere:** AM77284

**Yanmar:** 119209-77010, 121120-77011,

119285-77010

Application:

**Yanmar:** 3TN66E, 3TN72E Eng.



**S-8889**

12V, 2.0 kW, CW, 9 Teeth

Replaces:

**Denso:** 228000-6950, -6951, -6952

**Kubota:** 19460-63011, -63012, -63013

Application:

**Kubota:** V2203 Eng.

**DENSO**



**S-8896**  
**12V, 0.7kW, CCW, 9 Teeth**  
*Replaces:*  
**Denso:** 128000-9360, 228000-2210, 2211  
**John Deere:** AM109408  
**Kawasaki:** 21163-2114, 2118  
*Application:*  
**Kawasaki:** Mule 2500, 2510, 2520  
**John Deere:** Gator 20 HP

**DENSO**



**S-8899**  
**12V, 0.7kW, CCW, 9 Teeth**  
*Replaces:*  
**Denso:** 128000-2890, 6550  
**John Deere:** AM107206  
**Kawasaki:** 21163-2070, -2081  
*Application:*  
**Kawasaki:** FB460V & 12.5 HP Eng.  
**John Deere:** Lawn Tractors 160, 165, GX95, RX95, SX95, SRX95

**DENSO**



**S-8924**  
**12V, 1.4 kW, CW, 11 Teeth**  
*Replaces:*  
**Denso:** 028000-4730, -6250; 128000-0070, -1160, -1470; 228000-1040  
**Kubota:** 15601-63010, 1, 2; 15621-63010, 1, 2, 3, 4, 5; 17381-63010, 1, 2, 3, 4, 5  
*Application:*  
**Kubota:** D1301, D1501, F2302, F2503, S2200, V1701, V1901, V2203 Eng..



**S-8897**  
**12V, 0.6kW, CCW, 9 Teeth**  
*Replaces:*  
**Denso:** 128000-7050  
**John Deere:** AW26844  
**Kawasaki:** 21163-2089  
*Application:*  
**Kawasaki:** Engines  
**John Deere:** Gator CS, CX, 4x2



**S-8901**  
**12V, 0.7kW, CCW, 9 Teeth**  
*Replaces:*  
**Denso:** 128000-8040  
**Kawasaki:** 21163-1147  
*Application:*  
**Kawasaki:** Mule 2010, 2020, 2030



**S-8941**  
**12V, 1.2 kW, CW, 9 Teeth**  
*Replaces:*  
**Denso:** 228000-5400, 228000-5910  
**Kubota:** K3511-81411, 67980-31151  
*Application:*  
**Kubota:** 3 Cyl. 25HP, 4 Cyl. 30HP Eng.



**S-8898**  
**12V, 0.6kW, CW, 9 Teeth**  
*Replaces:*  
**Denso:** 128000-9980  
**Kawasaki:** 21163-2109  
*Application:*  
**Kawasaki:** Mule 500, 520, 550



**S-8914**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Denso:** 228000-5750  
**Hitachi:** S114-655A  
**Yanmar:** 119255-77010, 119631-77011  
*Application:*  
**Yanmar:** 3TNA72, 3TNE74 Eng.



**S-8943**  
**12V, 2.0 kW, CW, 11 Teeth**  
*Replaces:*  
**Denso:** 228000-5790  
**Lister Petter:** 757-26450  
*Application:*  
**Lister Petter:** LPA3, LPG4, LPW3,4, LPWS4, LPWT4 Eng.

**DENSO**



**S-80090**

12V, 1.2kW, CW, 9 Teeth

*Replaces:*

**Denso:** 228000-7470, -7471  
**John Deere:** AM879204, M809215, TY25238  
**Yanmar:** 119626-77010, -77011

*Application:*

**Yanmar:** 3TNE74 Eng.  
**John Deere:** Compact Utility Tractors

**HITACHI**



**S-8089**

12V, 1.4kW CW, 15 Teeth

*Replaces:*

**Denso:** 028000-5730  
**Hitachi:** S114-116  
**John Deere:** CH12741, CH19284, TY6673 ,TY6715  
**Yanmar:** 121120-77010

*Application:*

**Yanmar:** 3-78, 3T80, 3TN82 Eng.  
**John Deere:** Tractors

**HITACHI**



**S-8424**

12V, 0.8kW CCW, 8 Teeth

*Replaces:*

**Hitachi:** S114-414, A; S114-651, A  
**Yanmar:** 114362-77010, 114362-77011

*Application:*

**Yanmar:** GA; L35, 40, 48, 60, 70, 75, 90, 100 Eng.



**S-80093**

12V, 0.6kW, CCW, 9 Teeth

*Replaces:*

**Denso:** 228000-6300  
**Kohler:** 28-098-02

*Application:*

**Kohler:** Triad OHC 16,18 HP Eng.



**S-8327**

12V, 1.4kW CW, 9 Teeth

*Replaces:*

**Ford:** SBA-18508-6050, SBA-18508-6110, SBA-18508-6111, SBA-18508-6320  
**Hitachi:** S114-197, S114-218, A  
**Ishikawajima:** 18508-6050, 18508-6110, -6111

*Application:*

**Shibaura:** 2-43, LE0802B Eng.  
**Ford Tractors**



**S-8488**

12V, 2.0kW, CCW, 15 Teeth

*Replaces:*

**Hitachi:** S12-77, A; S13-24, A; S13-94, A  
**Yanmar:** 121400-77010, 124250-77012, 129400-77011,2

*Application:*

**Yanmar:** 3TN82, 3T90, 4TN78, 4TN82 Eng.  
**John Deere, Mustang**



**S-80101**

12V, 0.5kW, CW, 14 Teeth

*Replaces:*

**Denso:** 128000-2750  
**Honda:** 31210-ZE3-0130, DB5B6

*Application:*

**Honda:** ZE3 Eng.



**S-8328**

12V, 1.4kW CW, 9 Teeth

*Replaces:*

**Ford:** SBA-18508-6321  
**Hitachi:** S114-381;  
**Ishikawajima:** 18508-6321  
**Onan:** 185-2166

*Application:*

**Shibaura:** 3-58, 3-68, K773, S753 Eng.  
**Ford Tractors**



**S-8523**

12V, 1.2kW, CW, 9 Teeth

*Replaces:*

**Hitachi:** S114-385, S114-387  
**Isuzu:** 5-81100-192-0, 5-81100-215-0

*Application:*

**Isuzu:** 2K, 3K Eng.

**HITACHI**



**S-8550**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Hitachi:** S114-134, S114-194  
**Yanmar:** 104211-77010, B  
*Application:*  
**Yanmar:** PA, PC, YA, YC Eng.

**HITACHI**



**S-8789**  
**12V, 1.4kW CW, 15 Teeth**  
*Replaces:*  
**Hitachi:** S114-146, S114-206  
**Yanmar:** 124450-77010, 124770-77010  
*Application:*  
**Yanmar:** 2QM20, 2TR17, 2TR20, C Eng.

**HITACHI**



**S-8852**  
**12V, 0.6kW, CCW, 9 Teeth**  
*Replaces:*  
**Hitachi:** S108-76A, B  
**Kawasaki:** 21163-2106, -2112, 31661-18310AA  
*Application:*  
**Kawasaki:** KF82, FG300 Eng.  
**John Deere:** AMT600



**S-8553**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Hitachi:** S114-303, A  
**Yanmar:** 128170-77010  
*Application:*  
**Yanmar:** 1GM, 2GM, 3GM Eng.



**S-8800**  
**12V, 1.2kW, CW, 9 Teeth**  
*Replaces:*  
**Hitachi:** S114-429, A, S114-449, A  
**Isuzu:** 8-94133-338-0, 8-94133-338-1, 8-94151-409-0, -1  
*Application:*  
**Isuzu:** 3KC1 Eng.



**S-8914**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Denso:** 228000-5750  
**Hitachi:** S114-655A  
**Yanmar:** 119255-77010, 119631-77011  
*Application:*  
**Yanmar:** 3TNA72, 3TNE74 Eng.



**S-8555**  
**12V, 1.2kW CW, 8 Teeth**  
*Replaces:*  
**John Deere:** AM878176, AM878813, AM875014  
**Yanmar:** 119225-77010, 119226-77010  
**Hitachi:** S114-443, A ; S114-653, A, B  
*Application:*  
**Yanmar:** 2TN66E, 3TN66,E; 3TNE68, 3TN84 Eng.  
**John Deere, Takeuchi**



**S-8848**  
**12V, 1.4kW CW, 11 Teeth**  
*Replaces:*  
**Hitachi:** S114-815  
**Yanmar:** 129698-77010  
*Application:*  
**Yanmar:** 4JH-II Eng.



**S-8933**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Hitachi:** S114-613, A, B  
**Yanmar:** 124190-77010, -77011,  
*Application:*  
**Yanmar:** 3TG72, 26 HP Eng.  
**John Deere:** Tractors

**HITACHI**



**S-80090**

12V, 1.2kW, CW, 9 Teeth

Replaces:

Hitachi: S114-235, A, B; S114-625, -656A  
Yanmar: 119865-77011, -77012, 121450-77010

Application:

Yanmar: 3TN66, 3TN72, 3TN72, 3TNA68, 3TNA72 Eng.

**MITSUBISHI**



**S-8106**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

Mitsubishi: MEA107, MEA109, M2T43381  
Onan: 191-0734, 191-1052, 191-1682-03, 191-1808-03, 191-1949-03

Application:

Onan: CCKB, NH, NHA,, NHAV, NHA, NHAV, NHAC, NHACV, NHP, NHPV Eng.

**MITSUBISHI**



**S-8352**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

John Deere: AM104122, AM104504, AM109263  
Mitsubishi: M2T43581

Onan: 191-1808-05, 191-1949-05

Application:

Onan: P216, 218, 220, 224 Eng.  
John Deere, Mustang, New Holland.

**LUCAS**



**S-4092**

12V, 0.8 kW, CCW, 8 Teeth

Replaces:

Lucas/Marelli: 25219, 26631, 63226631

Application:

Lister Petter: AA, AB, AC, BA Eng.



**S-8350**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

Case: 1959098C1

Mitsubishi: M2T43181

Onan: 191-1682-01, 191-1808-01, 191-1949-01

Application:

Onan: T260 Eng.

Case



**S-8353**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

Mitsubishi: M2T43481, M2T43681, M2T43781, M2T43881

Onan: 191-1682-04, 191-1808-04,-06, 191-1949-04,-06,-07,-08

Application:

Onan: P216, 218, 220, 224 Eng.

Mustang, New Holland.

**MITSUBA**



**S-8819**

12V, 1.4kW, CCW, 17 Teeth

Replaces:

Honda: 31210-ZA0-982

Kohler: 267726

Mitsuba: SM302-26

Application:

Honda: Engine

Coleman: Generator



**S-8351**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

John Deere: AM102777

Mitsubishi: M2T43281

Onan: 191-1682-02, 191-1802-02, 191-1949-02

Application:

Onan: P216, 218, 220, 224 Eng.

John Deere, Mustang, New Holland.



**S-8354**

12V, 1.0kW, CCW, 9 Teeth

Replaces:

Onan: 191-1760-02

Application:

Onan: Engines

John Deere



**MITSUBISHI**



**S-8397**  
**12V, 0.8kW, CW, 9 Teeth**  
*Replaces:*  
**Denso:** 028000-3501, -7460, -7470, -9570,  
**Kubota:** 16225-63012, 19293-63011, 19837-63010  
**Mitsubishi:** M2T30481, -42381, M3T33481,  
 -49981, -49982  
**Onan:** 185-2116  
*Application:*  
**Kubota:** D600, D640, D850B, WG750, Z400,  
 Z430, Z482 Eng.

**MITSUBISHI**



**S-8801**  
**12V, 1.2kW CW, 9 Teeth**  
*Replaces:*  
**Mitsubishi:** M4T14674, M4T14874  
*Application:*  
**Mitsubishi:** Tractor 2 cyl. Eng.

**TECUMSEH**



**MS-678**  
**12V, CCW, 16 Teeth**  
*Replaces:*  
**Tecumseh:** 32468,A,B, 33605, 33606  
 35763,A, 35765,A  
*Application:*  
**Tecumseh:** TVM 125-140, H50-70 Eng.



**S-8557**  
**12V, 2.0kW CW, 11 Teeth**  
*Replaces:*  
**CASE:** N8367, H421099  
**Mitsubishi:** M2T56471, M3T64172  
 34466-03200, 34766-41300  
*Application:*  
**Mitsubishi:** 4DQ50, S2E2, S4E Eng.  
**Case, Toro**



**S-80088**  
**12V, 1.7kW CW, 9 Teeth**  
*Replaces:*  
**Ford/Ishikawajima:** SBA18508-6550, 6551;  
 18508-6500, -6550, -6551  
**Mitsubishi:** M1T66081(9T), M2T58981(11T)  
*Also replaces units with 11 teeth*  
*Application:*  
**Shibaura:** 3-77, 3-81, 3-85, 3-91 Eng.  
**Ford Tractors**



**MS-679**  
**12V, CCW, 11 Teeth**  
*Replaces:*  
**Case:** D59581  
**John Deere:** AM32393  
**Tecumseh:** 32510, 32817, 33835  
*Application:*  
**Tecumseh:** HH100-120, OH120-180 Eng.



**S-8560**  
**12V, 2.0kW CW, 13 Teeth**  
*Replaces:*  
**CASE:** 1962781C  
**Mitsubishi:** M2T56271, M2T56272  
 MM409412, MM409413  
*Application:*  
**Mitsubishi:** K3D, K3M Eng.  
**Case-IH, Toro**



**S-80089**  
**12V, 2.0kW, CW, 12 Teeth**  
*Replaces:*  
**Ford/Ishikawajima:** SBA-18508-6290,  
 -6410, -6510, -6560  
**Mitsubishi:** M2T54085 (11T), -54091 (11T),  
 -63371 (13T); M8T70071 (12T)  
*Also replaces units with 11 & 13 teeth*  
*Application:*  
**Shibaura:** 3-77, 3-81, 3-85, 3-91, H843 Eng.  
**Ford Tractors, Gehl**



**MS-682**  
**12V, CCW, 16 Teeth**  
*Replaces:*  
**John Deere:** AM30931  
**Tecumseh:** 33202, 33605, 35763  
 35763A, 36463, 36680  
**UT:** 5717340MO30SM, SM57173  
*Application:*  
**Tecumseh:** TVM/TVXL 170-220,  
 OVM/OVXL 120, HM70 -100 Eng.

**TECUMSEH**



**MS-6012**

**12V, CCW, 10 Teeth**

*Replaces:*

**Tecumseh:** 36264, 36795

*Application:*

**Tecumseh:** OHV 135-170 Eng.

**TECUMSEH**



**MS-6015**

**120V, CCW, 9 Teeth**

*Replaces:*

**Ariens:** 72200600

**Tecumseh:** 33290, A, B, C, D, E

*Application:*

**Tecumseh:** HS, HSSK40-50, OHSK50-60 Eng.

**UNITED TECHNOLOGIES**



**MS-645**

**12V, CCW, 10 Teeth**

*Replaces:*

**Case:** N9552, 77115C91

**Onan:** 191-0933

**UT:** 1079540MO30SM, SM10795 SMH12B81

*Application:*

**Onan:** B43M, B48M Eng.



**MS-6013**

**12V, CCW, 10 Teeth**

*Replaces:*

**Tecumseh:** 36914, 37425

*Application:*

**Tecumseh:** OHV 110-130 Eng.



**MS-6016**

**120V, CCW, 13 Teeth**

*Replaces:*

**Ariens:** 72403500

**Tecumseh:** 33328, A, B, C, D

*Application:*

**Tecumseh:** TVM125-140, H, HSK50-70, HSK365 Eng.



**MS-649**

**12V, CCW, 10 Teeth**

*Replaces:*

**Kohler:** 45-098-10, A236292, A237132, A237511

**UT:** 0599521MO30SM

5665740MO30SM, SM05995, SM56657

*Application:*

**Kohler:** Low Mount 10, 12 & 14 HP Engines, K241, 301, 321, 341, 10-16 HP Eng.

**UNITED TECHNOLOGIES**



**MS-6014**

**120V, CCW, 16 Teeth**

*Replaces:*

**Ariens:** 72403600

**Tecumseh:** 33329, A, B, C, D, E

*Application:*

**Tecumseh:** HM, HMS70-100, OHM, OHSK120 Eng.



**MS-632**

**12V, CCW, 10 Teeth**

*Replaces:*

**John Deere:** AM37869, AM119837

**Kohler:** 45-098-01, -03, -05, -07, -09

**UT:** 0599440MO30SM, 1250740MO30SM,

1635340MO30SM, 5666140MO30SM

SM05994, SM16353, SM56661

*Application:*

**Kohler:** High Mount K241, 301, 321, 341, 10-16 HP Eng.



**MS-650**

**12V, CCW, 16 Teeth**

*Replaces:*

**John Deere:** AM34361, AM34631

**Kohler:** 41-098-01, -03, -08; 52-098-07

**UT:** 0599629MO30SM, 4372740MO30SM,

5666540MO30SM, SM05996, SM43727,

SM56665

*Application:*

**Kohler:** K161, K181, 7-8 HP Eng.



**UNITED TECHNOLOGIES**



**MS-652**

**12V, CCW, 13 Teeth**

*Replaces:*  
**Kohler:** 45-098-06, 45-098-11  
**UT:** 1492527MO30SM, 5655840MO30SM, SM14925, SM56658  
*Application:*  
**Kohler:** K241, 301, 321, 341; 10-16 HP Eng.

**UNITED TECHNOLOGIES**



**MS-667**

**12V, CCW, 16 Teeth**

*Replaces:*  
**B & S:** 391423, 392749, 394805, 435303, 497595, 693054  
**UT:** SM01965  
*Application:*  
**B & S:** Single Cyl; 5, 6, 8, 10, 11 HP Eng.

**UNITED TECHNOLOGIES**



**MS-673**

**12V, CCW, 10 Teeth**

*Replaces:*  
**John Deere:** AM32393  
**Onan:** 191-1529, 191-1567  
**UT:** 4367240MO30SM, 4379040MO30SM, SM43672, SM43790  
*Application:*  
**Onan:** B43G, B48G Eng.



**MS-655**

**12V, CCW, 9 Teeth**

*Replaces:*  
**John Deere:** AM37725  
**Kohler:** 45-098-04, 48-098-02, 48-098-04  
**UT:** 1574540MO30SM, 5665940MO30SM, SM15745, SM56659, SMH12C1  
*Application:*  
**Kohler:** K482, K532, K582; 18-23 HP Eng.



**MS-670**

**12V, CCW, 9 Teeth**

*Replaces:*  
**Kohler:** 52-098-03, 52-098-09, 52-098-12  
**UT:** 1819040MO30SM, 5213140MO30SM, 5666240MO30SM, SM18190, SM56662, SM52131  
*Application:*  
**Kohler:** KT17, KT19, MV16, MV17, MV18, 16-19 HP Eng.



**MS-676**

**12V, CCW, 9 Teeth**

*Replaces:*  
**B & S:** 390307  
**UT:** SMH12A11  
*Application:*  
**B & S:** 7-8 HP Eng.



**MS-665**

**12V, CCW, 13 Teeth**

*Replaces:*  
**Cushman:** 884218, 884982, 885002  
**UT:** 2020040MO30SM, 5710440MO30SM, SM20200, SM57104  
*Application:*  
**Cushman:** Air Cooled Eng.



**MS-671**

**12V, CCW, 9 Teeth**

*Replaces:*  
**John Deere:** AM38013  
**Kohler:** 52-098-04, 52-098-11  
**UT:** 1819140MO30SM, 5666340MO30SM, SM18191, SM56663  
*Application:*  
**Kohler:** KT17, KT18, M18, 17, 18 HP Eng.



**MS-684**

**12V, CCW, 16 Teeth**

*Replaces:*  
**Onan:** 191-1667  
**UT:** 6013840MO30SM, SM60138  
*Application:*  
**Onan:** BGD, BGD L, MCE NHD, NHDL, NHE, NHEL, MHM Eng.  
**RV/Commercial**

**UNITED TECHNOLOGIES**



**MS-685**

12V, CCW, 10 Teeth

Replaces:

**Onan:** 191-1828

**UT:** 5082740MO30SM, SM50827

Application:

**Onan:** 16-20 HP Eng.

**UNITED TECHNOLOGIES**



**MS-696**

12V, CCW, 10 Teeth

Replaces:

**Kohler:** 41-098-04, 41-098-06

**UT:** SM47330, SM56666, SM69967

Application:

**Kohler:** M8, M16, 8-16 HP Eng.

**UNITED TECHNOLOGIES**



**MS-699**

12V, CCW, 13 Teeth

Replaces:

**Kohler:** 12-098-06, -09, -12, -14, -19

**UT:** 5239740MO30SM, 5278440MO30SM, 5667040MO30SM, 6734640MO30SM, SM52397, SM52784, SM56670, SM67346

Application:

**Kohler:** CH11-15, CV11-15, 11-15 HP Eng.



**MS-687**

12V, CCW, 16 Teeth

Replaces:

**Onan:** 191-1630, 191-2132, 191-2158

**UT:** 6091740MO30SM, 6019440MO30SM, SM60194, SM60917

Application:

**Onan:** RV/Commercial & Marine Engines



**MS-697**

12V, CCW, 9 Teeth

Replaces:

**Kohler:** 52-098-06, 52-098-10

52-098-13, 52-098-13S

**UT:** 2134940MO30SM, 5213240MO30SM, 5666440MO30SM, SM21349, SM52132, SM56664

Application:

**Kohler:** KT19, KT21, MV20, M18, M20, 17-20 HP Eng.



**MS-6001**

12V, CCW, 10 Teeth

Replaces:

**John Deere:** AM120729, AM122435

**Kohler:** 25-098-03, 25-098-07

**UT:** 5667140MO30SM, 6727040MO30SM, SM56671, SM67270

Application:

**Kohler:** 11-22 HP Eng.



**MS-688**

12V, CCW, 24 Teeth

Replaces:

**Onan:** 191-1798, 191-2312

**UT:** 6020940MO30SM, SM60209

Application:

**Onan:** KV, KVC, KVD, KY Eng.



**MS-698**

12V, CCW, 13 Teeth

Replaces:

**Kohler:** 12-098-04, 12-098-08, 12-098-13, 12-098-13S, 12-098-20, 12-098-20S

**UT:** 5225040MO30SM, 5278340MO30SM, 5666940MO30SM, SM52783, SM56669

Application:

**Kohler:** CH11-15, CV11-15, 11-15 HP Eng.

**VALEO**



**S-6531**

12V, 1.2kW CCW, 9 Teeth

Replaces:

**Valeo:** D6RA42, 432557, 433243

Application:

**Renault:** Engines

**Toro:** Tractors ≈





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