

***FORKLIFT***



**ULTRA-POWER**

**HEAVY DUTY ELECTRIC SPECIALIST**

**TM**

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# ULTRA-POWER

HEAVY DUTY ELECTRIC SPECIALIST

TM

Thank you for choosing Ultra-Power Heavy Duty Electric Specialist products. Ultra-Power is a trusted name in HD, Construction, Agriculture, Commercial, Refrigeration, Forklifts and more with roots going back 100 years.



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## FORKLIFT ALTERNATORS

### ALT1010 | ALT1010U



- 12 VOLT
- 63 AMP
- 10SI
- DELCO
- IREF

#### PART NUMBER INTERCHANGE

| BAKER         |           | CASE     |         |
|---------------|-----------|----------|---------|
| 118434        |           | 103800A1 |         |
| CLARK         |           |          |         |
| 907739        | 2314007   | 2354002  | 6513962 |
| 1830821       | 2334014   | 2354003  |         |
| CUMMINS       |           |          |         |
| 3604663RX     |           |          |         |
| HYSTER        |           |          |         |
| 241347        | 281039    | 302824   | 343035  |
| 267255        | 286995    | 322175   | 3000963 |
| 271256        | 289347    | 322179   |         |
| 280594        | 302822    | 341677   |         |
| 281029        | 302823    | 343027   |         |
| INTERNATIONAL |           | TOWMOTOR |         |
| 391887C91     | 391890C91 | 308591   | 347205  |

#### ALSO REPLACES:

|         |           |          |
|---------|-----------|----------|
| 1100125 | 1100884   | 1100948  |
| 1100131 | 1100911   | 1102390  |
| 1100132 | 1100923   | 1102391  |
| 1100166 | 1100937   | 1102392  |
| 1100168 | 1102380   | 1102460  |
| 1100176 | 1102386   | 1102461  |
| 1100218 | 1102399   | 1102884  |
| 1100221 | 3604663RX | 1102902  |
| 1100222 | 321-43    | 1101166  |
| 1100544 | 321-47    | 1105478  |
| 1100546 | 334-2115  | 1979860  |
| 1100554 | 47-1222   | 321-42   |
| 1100563 | 6881222   | 334-2123 |
| 1100873 | 1100924   | 1105691  |
| 1100874 | 1100925   | 1105703  |
| 1100882 | 1100946   | & MORE   |

### ALT2232



- 12 VOLT
- 95 AMP
- BOSCH
- IREF
- CW

#### PART NUMBER INTERCHANGE

#### JOHN DEERE

AH137883  
AT220394  
RE36267  
SE501342  
TY6750

#### ALSO REPLACES:

0-120-484-011  
0-120-484-018  
0-120-484-026  
3282554  
10459499

### ALT4028



- 12 VOLT
- 65 AMP
- A127
- LUCAS
- IREF
- 1V BELT

#### PART NUMBER INTERCHANGE

#### JCB

714/10800  
714/20400

#### PERKINS

18504-6360  
2871A141  
2871A148  
2871A154  
2871A163

#### ALSO REPLACES:

## FORKLIFT ALTERNATORS

### ALT5094



- 12 VOLT
- 40 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3142305

##### TOYOTA

27060-76305  
27060-78305  
27060-78305-71  
27070-31720  
27070-31720-71

#### ALSO REPLACES:

100211-6930  
100211-6931  
101211-3400  
9760218-693

### ALT5095



- 12 VOLT
- 40 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### TOYOTA

27060-78301  
27060-78301-71

#### ALSO REPLACES:

100211-4000  
100211-4001  
100211-4002  
100211-4003  
100211-4004

### ALT5305P



- 12 VOLT
- 40 AMP
- DENSO
- IRIF
- LIGHT DRIVES CHOKE

#### PART NUMBER INTERCHANGE

##### HYSTER

3049491

##### TOWMOTOR

213534

##### TOYOTA

27060-78001  
27060-78001-71

#### ALSO REPLACES:

100211-1660  
100211-1661  
100211-1662



## FORKLIFT ALTERNATORS

### ALT07000



- 12 VOLT
- 70 AMP
- 7SI
- DELCO
- IRIF
- SPOOL MOUNT, P TERM.
- 6 GROOVE BELT

#### PART NUMBER INTERCHANGE

##### HYSTER

1469599  
HY1469599

##### ALSO REPLACES:

19020606  
19020615  
20115014TBA

### ALT7151D



- 24 VOLT
- 30 AMP
- 2V BELT
- NIKKO
- IREF
- CW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-821-5410  
600-821-5411  
600-821-5540  
600-821-6110  
600-821-6120  
600-821-6130  
600-821-6140  
600-821-6150  
600-821-6160  
600-821-6190  
RKD25A04

##### ALSO REPLACES:

01-33-2000  
0-33000-5860  
0-33000-5840  
0-33000-5850  
0-33000-5870  
0-33000-5880

### ALT11000



- 12 VOLT
- 63 AMP
- 10DN
- DELCO
- EREF
- 110A VERS. AVAILABLE

#### PART NUMBER INTERCHANGE

##### BAKER

100471 104291 721AE1  
100697 104467

##### CATERPILLAR

008-6385 3L5278 86385  
2S0945 664970

##### HYSTER

13874 138724 1323659  
126357 139196 3000970  
138077 169292 3000974  
138576 187458 3004572

##### MASSEY F.

1032-976-M91  
1038-062-M91  
1902-927-M91  
1903-087-M91  
508545M92

##### TOWMOT.

86385  
87857  
646508

##### CASE

13805A1  
13805A1R

##### CLARK

567252  
1537217

##### INT'L

389276R91  
393820R91  
397091R91  
532176R91

##### YALE

2200072-45  
2200072-46  
2200513-80

##### ALSO REPLACES:

1100553 1100780 1100839  
1100557 1100787 1100841  
1100558 1100790 1100842  
1100566 1100791 1100843  
1100567 1100793 1100845  
1100568 1100796 1100846  
1100569 1100797 321-164  
1100570 1100804 321-169  
1100571 1100810 321-1161  
1100572 1100816 334-2108  
1100590 1100817 334-2109  
1100591 1100818 334-2110  
1100662 1100834 334-2111  
1100742 1100836 47-1223  
1100750 1100837 6881223  
1100778 1100838 & MORE

## FORKLIFT ALTERNATORS

### ALT11001U



- 12 VOLT
- 18 AMP
- 10SI
- DELCO
- IREF
- ENCLOSED

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

351940  
6T1193  
9G6078

##### HYSTER

302821  
3049509

#### ALSO REPLACES:

1100092  
1100499  
1102871  
1103134  
1103190  
1105063  
1105076  
1102365  
1105094

### ALT11002 | ALT11002U



- 12 VOLT
- 72 AMP
- 10SI
- DELCO
- IREF
- T-116

#### PART NUMBER INTERCHANGE

##### CASE

|          |          |         |         |
|----------|----------|---------|---------|
| 436885A1 | A47623   | A147159 | A160634 |
| A46938   | A47624   | A147160 | A160635 |
| A47044   | A47625   | A147239 | L102693 |
| A47057   | A130618Z | A147240 |         |

##### CATERPILLAR

6T1195

##### CUMMINS

3604475RX 3905224

##### HYSTER

344125 344235 3123078RX 580001848

##### JOHN DEERE

|         |         |          |        |
|---------|---------|----------|--------|
| AR84305 | AR93446 | AT157177 | TY6625 |
| AR84306 | AT58321 | RE13797  | TY6775 |
| AR93445 | AT64718 | TY6600   |        |

##### YALE

1500093-00 1500177-87 5028077-00 5175456-00

#### ALSO REPLACES:

|           |          |
|-----------|----------|
| 1100171   | 321-649  |
| 1102930   | 1102922  |
| 1102932   | 1103035  |
| 1102937   | 1103165  |
| 1103127   | 1105178  |
| 1103128   | 1105423  |
| 1103141   | 19020500 |
| 1105073   | 10480058 |
| 1105172   | 1102924  |
| 1105173   | 1102931  |
| 1105174   | 1103136  |
| 1105175   | 1103137  |
| 1105176   | 1105161  |
| 1105177   | 1105434  |
| 1105559   | 93037    |
| 3675101RX | 19020516 |

### ALT11003U



- 12 VOLT
- 63 AMP
- 10SI
- DELCO
- IREF
- T-116
- W/ R TERM.

#### PART NUMBER INTERCHANGE

##### CASE

103798A1  
A45201  
A47436

#### ALSO REPLACES:

1100582 1103033  
1100583 1103196  
1100584 1105361  
1100585 1105363  
1102363 AL519X  
1979871  
1979872  
1100587  
1979873  
1102352  
1103046  
1103071  
1103098  
1103099  
1984281  
1100294



## FORKLIFT ALTERNATORS

### ALT11210



- 12 VOLT
- 65 AMP
- CS121
- DELCO
- IRIEF
- 4 TERM REG

#### PART NUMBER INTERCHANGE

##### DAEWOO

62.26101-7115  
65.26101-7115  
219214  
D167411  
D1401138  
DWD167411

##### ALSO REPLACES:

1101517  
1101531  
1101563  
1101564  
6883524  
10463132  
10463135  
10463136  
321-423  
321-426  
321-427  
334-1972  
47-3524

### ALT11211



- 12 VOLT
- 74 AMP
- CS121
- DELCO
- IRIEF
- CLOKED AT 7:00

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

7C6003  
8C5510

##### DAEWOO

A214033  
D130993  
D140138  
D180245  
D700328

##### HYSTER

224410  
3061515  
3062436

##### ALSO REPLACES:

1101291  
1101483  
10463109  
10463118  
321-400  
321-409  
334-2370

### ALT11900



- 12 VOLT
- 105 AMP
- 19SI
- DELCO
- IREF
- 3 WIRE, I&R TERM.
- 1/4" B+, NOT S.E.

#### PART NUMBER INTERCHANGE

##### CUMMINS

3675254RX

##### ALSO REPLACES:

10459469  
19009950  
19009951  
19009952  
19009959



## FORKLIFT ALTERNATORS

### ALT12000



- 12 VOLT
- 60 AMP
- 20SI
- DELCO
- IREF
- BRUSHLESS

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

2S7029  
7G7889

##### ALSO REPLACES:

|          |           |
|----------|-----------|
| 1117611  | 10459020  |
| 1117616  | 10459200  |
| 1117618  | 3604473   |
| 1117620  | 3604473RX |
| 1117621  | 3016628   |
| 1117624  | 3016628RX |
| 10459252 | 47-1215   |
| 10459256 | 6881215   |
| 321-666  |           |
| 321-753  |           |
| 1117612  |           |
| 1117613  |           |
| 1117617  |           |
| 1117628  |           |
| 1117641  |           |
| 10451020 |           |

### ALT12700U



- 12 VOLT
- 100 AMP
- 27SI-200
- DELCO
- IREF
- NEG W/ AC TAP, S.E. REG

#### PART NUMBER INTERCHANGE

##### CUMMINS

213298  
213299  
3603851RX

##### ALSO REPLACES:

|           |         |           |
|-----------|---------|-----------|
| 1100073   | 93041   | 10456313  |
| 1100080   | 47-1214 | 10459069  |
| 1100087   | 6881214 | 3604678RX |
| 1100089   | 1100072 | 321-669   |
| 1100189   | 1100081 | 1100177   |
| 1100213   | 1100084 | 1101102   |
| 1101104   | 1100086 | 10497167  |
| 1101288   | 1100185 | 321-668   |
| 1105469   | 1100188 | 1100091   |
| 1105470   | 1100212 | 1101287   |
| 10463072  | 1101105 | 1105472   |
| 10497177  | 1101289 | 1105473   |
| 213298    | 1105460 | 10459238  |
| 213299    | 321-605 | 3604659RX |
| 3603851RX | 1101103 | 93055     |
| 321-603   | 1101450 | & MORE    |

### ALT20300



- 12 VOLT
- 50 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### NISSAN

23100-G5110

##### ALSO REPLACES:



## FORKLIFT ALTERNATORS

### ALT20301



- 12 VOLT
- 35 AMP
- 1V BELT
- MITSUBISHI
- IREF
- P-TERM
- 10MM HOLES

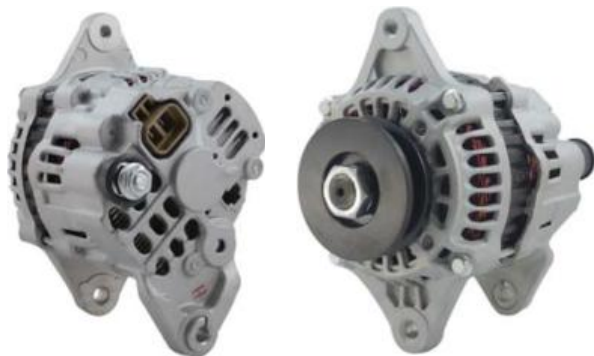
#### PART NUMBER INTERCHANGE

##### MITSUBISHI

34468-18100  
34468-18200  
34468-28100  
34468-28200

#### ALSO REPLACES:

### ALT20302



- 12 VOLT
- 35 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### NISSAN

23100-50K10  
23100-87V10

#### ALSO REPLACES:

A7T03371  
A7T03371A  
A7T03371AC

### ALT20303



- 12 VOLT
- 40 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

1361853  
1450928  
3068342  
3114961  
3123908

##### MITSUBISHI

S5SN-18-300  
S5SN-18-300A

##### YALE

1500145-04    5800009-90  
2690027-70    8000456-00  
5059605-60    9019488-01  
5059765-79

#### ALSO REPLACES:

3042505  
341675  
00591-33580-81  
00591-55973-81

## FORKLIFT ALTERNATORS

### ALT20304



- 12 VOLT  
- 50 AMP

- MITSUBISHI  
- IRIF  
- CW

#### PART NUMBER INTERCHANGE

##### KALMAR

8762055

##### NISSAN

23100-50K15

#### ALSO REPLACES:

A7T03771  
A7T03771A  
A7T03771AC

### ALT20305



- 12 VOLT  
- 40 AMP  
- 1V BELT

- MITSUBISHI  
- IRIF  
- CW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

138008

##### MITSUBISHI

MM131020  
MM432804  
MM435081  
MM435751  
MM435752  
MM438844

#### ALSO REPLACES:

### ALT20306



- 24 VOLT  
- 20 AMP  
- 1V BELT

- MITSUBISHI  
- IREF

#### PART NUMBER INTERCHANGE

##### HYSTER

3046659  
3779856

##### MITSUBISHI

34468-16100  
34468-26100  
32A68-06200  
32A68-06201

#### ALSO REPLACES:



## FORKLIFT ALTERNATORS

### ALT20307



- 12 VOLT
- 50 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

1041462

##### HYSTER

3141931

##### MITSUBISHI

MD316418  
MD354809  
MD354809A  
MD354809D

#### ALSO REPLACES:

### ALT20308



- 24 VOLT
- 30 AMP
- 1V BELT
- MITSUBISHI
- IREF
- VACUUM PUMP ON REAR

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

34468-25100

#### ALSO REPLACES:

### ALT20309



- 24 VOLT
- 35 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW
- VACUUM PUMP ON REAR

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

32B68-00200

#### ALSO REPLACES:

## FORKLIFT ALTERNATORS

### ALT20310



- 12 VOLT
- 50 AMP
- 1V BELT
- MITSUBISHI
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

91H20-03270  
91H20-03271

##### KALMAR

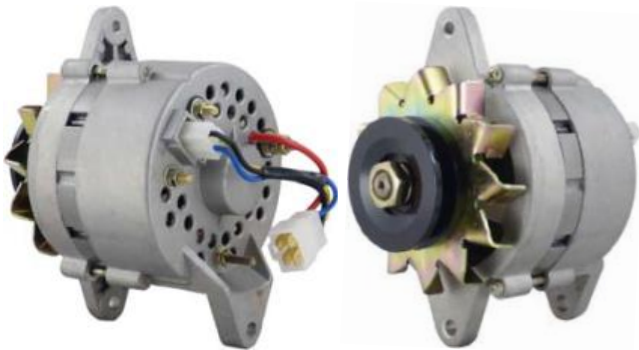
8772271  
8775058

##### NISSAN

23100-AM610  
23100-FF110  
23100-FU410  
23100-FU41A

#### ALSO REPLACES:

### ALT20311



- 12 VOLT
- 35 AMP
- 1V BELT
- MITSUBISHI
- EREF

#### PART NUMBER INTERCHANGE

##### HYSTER

324607  
326855  
3000972  
3000972RX

##### TOWMOTOR

971488  
971517

##### YALE

1500145-01  
1500160-00  
9006128-17

#### ALSO REPLACES:

0-986-032-451 2329-18-300A  
10463706 2677-18-300  
334-1561  
0326-18-300  
0327-18-300  
0327-18-300A  
0483-18-300  
0483-18-300A  
0571-18-300  
0571-18-300A  
0605-18-300  
0605-18-300A  
0707-18-300  
0820-18-300  
0820-18-300A  
2329-18-300

### ALT20312



- 12 VOLT
- 50 AMP
- 1V BELT
- MITSUBISHI
- IREF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3046658

##### MITSUBISHI

MD027661  
MD033689  
MD041700  
MD041701  
MD064066  
MD074645  
MD104744

#### ALSO REPLACES:

321-109  
321-207  
321-1269  
334-1580  
334-1705  
10463712  
10464266  
100211-0320  
AM15-18-300  
AM15-18-300R



## FORKLIFT ALTERNATORS

### ALT20313



- 12 VOLT  
- 35 AMP  
- 1V BELT

- MITSUBISHI  
- IREF  
- R-L PLUG

#### PART NUMBER INTERCHANGE

##### HYSTER

1310962  
3020078  
3020078RX

##### YALE

1500145-00  
1500225-04  
2200073-96  
9012858-01

#### ALSO REPLACES:

334-1653  
10463989  
A1T31699  
A1T31371  
D501-18-300

### ALT20407



- 24 VOLT  
- 20 AMP  
- 1V BELT

- HITACHI  
- IREF  
- CW

#### PART NUMBER INTERCHANGE

##### ISUZU

5-81200-330-0  
5-81200-335-0  
8-94426-447-0

#### ALSO REPLACES:

### ALT20408



- 12 VOLT  
- 35 AMP  
- 1V BELT

- HITACHI  
- IREF  
- L-R PLUG

#### PART NUMBER INTERCHANGE

##### ISUZU

5-00181-010-0  
5-81200-338-1  
5-81200-341-0  
5-81200-341-1  
8-94423-756-0

#### ALSO REPLACES:

121400-77200  
121400-77201

## FORKLIFT ALTERNATORS

### ALT20409



- 24 VOLT
- 15 AMP
- 2V BELT
- HITACHI
- EREF
- CW

#### PART NUMBER INTERCHANGE

##### NISSAN

23100-L6000  
23100-L6001

##### HYSTER

3046996

##### YALE

2200074-00

#### ALSO REPLACES:

LT215-37  
LT215-37A  
LT215-37B  
LT215-37C  
LT215-37CR

### ALT20410



- 24 VOLT
- 20 AMP
- 1V BELT
- HITACHI
- IREF
- CW
- TACH TERMINAL

#### PART NUMBER INTERCHANGE

##### ISUZU

8-94338-847-0  
8-94338-847-1

#### ALSO REPLACES:

LR220-27  
LR220-27B

### ALT20411



- 24 VOLT
- 25 AMP
- 2V BELT
- HITACHI
- IREF
- CW

#### PART NUMBER INTERCHANGE

##### NISSAN

23100-51H00

#### ALSO REPLACES:

LR225-83  
LR225-84  
LR225-84T  
LR225-84TR  
119129-77200



## FORKLIFT ALTERNATORS

### ALT20412



- 12 VOLT  
- 35 AMP  
- 1V BELT

- HITACHI  
- EREF  
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

|         |         |         |
|---------|---------|---------|
| 3000965 | 3000966 | 3004578 |
|---------|---------|---------|

##### NISSAN

|             |             |             |
|-------------|-------------|-------------|
| 23100-90060 | 23100-H0310 | 23100-U0100 |
| 23100-90065 | 23100-L1801 | 23100-U0101 |
| 23100-91009 | 23100-L1802 | 23100-U0102 |
| 23100-A4601 | 23100-L1803 | 23100-U0103 |
| 23100-A4602 | 23100-M0400 | 23100-U0104 |
| 23100-A4611 | 23100-M0401 | 23100-U0105 |
| 23100-A4810 | 23100-M0402 | 23100-U0110 |
| 23100-A5500 | 23100-M0403 | 23100-U0111 |
| 23100-A5501 | 23100-M0410 | 23100-U0112 |
| 23100-B8001 | 23100-M0412 | 23100-U0113 |
| 23100-B8002 | 23100-M0413 | 23100-U0114 |
| 23100-H0300 | 23100-M0414 |             |

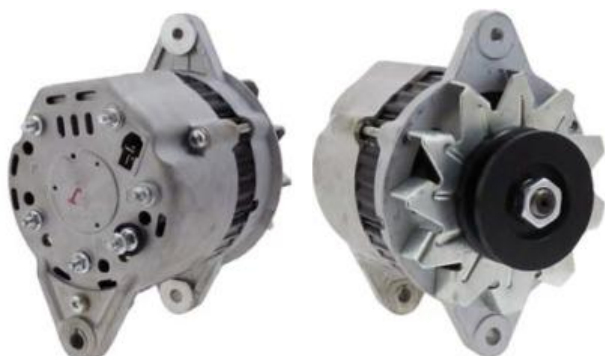
##### TOWMOTOR YALE

|        |            |
|--------|------------|
| 971562 | 2200073-90 |
|        | 2200073-91 |
|        | 2200073-94 |

##### ALSO REPLACES:

|            |            |
|------------|------------|
| GD102423-A | LT135-24B  |
| GD102590-A | LT135-27   |
| LT123-16   | LT135-35   |
| LT125-06   | LT135-35B  |
| LT125-06B  | LT135-35C  |
| LT130-37K  | LT135-36   |
| LT130-72   | LT135-36B  |
| LT130-72B  | LT135-36C  |
| LT130-81   | LT135-68   |
| LT133-04   | LT135-69   |
| LT133-05   | LT135-69B  |
| LT135-13   | LT135-69BR |
| LT135-138  | LT135-73   |
| LT135-13B  | LT135-73B  |
| LT135-13C  | LT135-73BR |
| LT135-14   | LT135-83   |
| LT135-16   | LT135-83B  |
| LT135-19   | LT135-87   |
| LT135-19B  | LT138-02   |
| LT135-19C  |            |
| LT135-19E  |            |
| LT135-22   |            |
| LT135-24   |            |

### ALT20413



- 12 VOLT  
- 35 AMP  
- 1V BELT

- HITACHI  
- IREF  
- S-L PLUG

#### PART NUMBER INTERCHANGE

##### NISSAN

23100-B9810

##### TOWMOTOR

973485

##### ALSO REPLACES:

LR135-44  
LR135-61  
LR135-61B  
LR138-01  
LR140-132  
10463709  
334-1571  
AIT22971

### ALT21014



- 12 VOLT  
- 51 AMP  
- SMALL MRLA

- MOTOROLA  
- EREF  
- 2" FOOT, 1 EAR

#### PART NUMBER INTERCHANGE

##### JOHN DEERE

AT21618  
AT21619  
SE501350  
TY-1428  
TYP3931

##### ALSO REPLACES:

A12NJD452  
A12NJD454  
A12NJD454S  
A12NW528  
110-57  
110-30  
10-57  
10-30



## FORKLIFT ALTERNATORS

### ALT21015U



- 12 VOLT  
- 62 AMP

- MOTOROLA  
- IREF  
- W/ 10SI DELCO PLUG

#### PART NUMBER INTERCHANGE

##### CLARK

2399509  
2399511  
2807382

##### HYSTER

1469597  
3046654  
385656

##### ALSO REPLACES:

9DB2LF2658      8AR2200LB  
47-4222          9DA2JA2B07  
10-742            12N62A  
9DA2LA2B07  
9DB2LF2B58  
9DB2LF2B58A  
9DB2LL2B58  
3604477RX  
3675105NW  
3910574  
3911461  
8AR2200L  
3604477  
3675105  
EE9024  
EE9027

### ALT21016U



- 24 VOLT  
- 40 AMP  
- 8HC

- MOTOROLA  
- IREF  
- 2" FOOT x 3/8"

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

10-196  
8HC3010  
8HC3010G  
8HC3010GS  
10459540  
8HC3017G  
8HC3017GS  
47-5188  
8HC3026G  
47-5046

### ALT21700



- 12 VOLT  
- 43 AMP  
- 18ACR

- LUCAS  
- IREF

#### PART NUMBER INTERCHANGE

##### HYSTER

3042307

##### MASSEY FERGUSON

1096-462-M91

##### ALSO REPLACES:

10464217  
321-6  
321-19  
321-27  
321-71  
321-219  
334-1529



## FORKLIFT ALTERNATORS

### ALT22018



- 12 VOLT  
- 65 AMP

- BOSCH  
- IREF  
- CW

#### PART NUMBER INTERCHANGE

##### CASE

A186125  
AR186125  
AR186125GV

##### ALSO REPLACES:

0-120-489-475  
3604480RX  
3675270NW  
3911248  
10459500

### ALT22019



- 12 VOLT  
- 65 AMP

- BOSCH  
- IREF  
- CW

#### PART NUMBER INTERCHANGE

##### CASE

A187873  
AR187873

##### CUMMINS

3604448RX  
3920679  
39206791

##### JOHN DEERE

AT173624  
AT220393  
RE533516  
SE501387  
SE501835  
TY6799

##### ALSO REPLACES:

8270221  
10459506  
0-120-488-205  
0-120-488-293  
9-120-060-040  
F-005-A00-023

### ALT22020



- 12 VOLT  
- 55 AMP

- BOSCH  
- IREF  
- CW  
- 2V BELT

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

2W9774  
7T2876  
8C5535  
9W1903

##### DAEWOO

D700332

##### ALSO REPLACES:

0-120-489-387

## FORKLIFT ALTERNATORS

### ALT22908



- 12 VOLT
- 35 AMP
- 1V BELT
- DENSO
- IREF
- CW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-821-2340

##### ALSO REPLACES:

100211-0940  
100211-0980  
119620-77200  
10459494

### ALT22909



- 12 VOLT
- 50 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3049394

##### TOYOTA

27070-23000  
27070-23000-71  
27070-23040  
27070-23040-71

##### ALSO REPLACES:

100211-4200  
100211-4201  
100211-4210

### ALT22910



- 12 VOLT
- 50 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### TOYOTA

27070-23001  
27070-23001-71  
27070-23041  
27070-23041-71

##### ALSO REPLACES:

100211-6960  
100211-6961  
100211-6970



## FORKLIFT ALTERNATORS

### ALT22911



- 12 VOLT
- 35 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### TOYOTA

27060-78003  
27060-78003-71

##### ALSO REPLACES:

102211-4540

### ALT22912



- 12 VOLT
- 60 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### TOYOTA

27060-78700  
27060-78700-71  
27060-78701  
27060-78701-71  
27060-30530  
27060-78159-71

##### ALSO REPLACES:

102211-5850  
102211-5190  
102211-5240  
102211-5860

### ALT22913



- 12 VOLT
- 45 AMP
- 1V BELT
- DENSO
- EREF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3004581  
3004582

3049510

##### YALE

2200072-48

##### TOYOTA

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 27020-13020 | 27020-26110 | 27020-34031 | 27020-46062 |
| 27020-18011 | 27020-26111 | 27020-34032 | 27020-60030 |
| 27020-21010 | 27020-31010 | 27020-36021 | 27020-60031 |
| 27020-24030 | 27020-31011 | 27020-36027 | 27020-60032 |
| 27020-24060 | 27020-31040 | 27020-36041 | 27020-60033 |
| 27020-24061 | 27020-31041 | 27020-36042 | 27020-60070 |
| 27020-24062 | 27020-31042 | 27020-36043 | 27020-60071 |
| 27020-24063 | 27020-31043 | 27020-38010 | 27020-60072 |
| 27020-25010 | 27020-31156 | 27020-38011 | 27020-60073 |
| 27020-26021 | 27020-33010 | 27020-38012 | 27020-61110 |
| 27020-26051 | 27020-33011 | 27020-40060 | 27020-61150 |
| 27020-26090 | 27020-33030 | 27020-40061 | 27020-66073 |
| 27020-26100 | 27020-33040 | 27020-40062 |             |
| 27020-26101 | 27020-34011 | 27020-44030 |             |
| 27020-26102 | 27020-34012 | 27020-45081 |             |

##### ALSO REPLACES:

|             |             |
|-------------|-------------|
| 021000-0460 | 021000-1840 |
| 021000-0490 | 021000-1841 |
| 021000-1320 | 021000-1870 |
| 021000-1321 | 021000-1871 |
| 021000-1322 | 021000-1970 |
| 021000-1330 | 021000-2470 |
| 021000-1340 | 021000-3480 |
| 021000-1341 | 021000-3600 |
| 021000-1342 | 021000-3610 |
| 021000-1343 | 021000-3620 |
| 021000-1360 | 021000-3630 |
| 021000-1361 | 021000-3633 |
| 021000-1362 | 021000-3640 |
| 021000-1363 | 021000-3641 |
| 021000-1370 | 021000-3650 |
| 021000-1371 | 021000-3680 |
| 021000-1372 | 021000-3720 |
| 021000-1800 | 021000-3721 |
| 021000-1830 | 021000-5020 |
| 021000-1831 | 021000-5030 |

## FORKLIFT ALTERNATORS

### ALT22914



- 12 VOLT
- 35 AMP
- 1V BELT
- DENSO
- EREF
- THREADED DE

#### PART NUMBER INTERCHANGE

##### HYSTER

3000967

##### TOWMOTOR

971515

##### TOYOTA

|             |                |             |
|-------------|----------------|-------------|
| 27020-12011 | 27020-23011    | 27020-31031 |
| 27020-12012 | 27020-23021    | 27020-31032 |
| 27020-22010 | 27020-23022    | 27020-31033 |
| 27020-22011 | 27020-23022-71 | 27020-31050 |
| 27020-22012 | 27020-24010    | 27020-31051 |
| 27020-22020 | 27020-24020    | 27020-31090 |
| 27020-22021 | 27020-24021    | 27020-87201 |
| 27020-22022 | 27020-31030    |             |

##### YALE

2200072-43

#### ALSO REPLACES:

021000-0810  
021000-1080  
021000-1240  
021000-1600  
021000-2490  
021000-2960  
021000-2990  
021000-4570  
021000-4590  
021000-5220  
021000-5410  
021000-5411  
021000-5450  
021000-5490  
021000-5600

### ALT22915



- 24 VOLT
- 25 AMP
- 1V BELT
- DENSO
- EREF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3000968

##### TOYOTA

27020-10940  
27020-78601-71  
27020-96601

##### YALE

2200072-44

#### ALSO REPLACES:

021000-2700  
021000-4270  
021000-4271  
021000-4510

### ALT22916



- 24 VOLT
- 20 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### HYSTER

3049396

##### TOYOTA

27060-78300  
27060-78300-71  
27070-23060  
27070-23060-71

#### ALSO REPLACES:

100211-4100  
100211-4101  
100211-4102  
100211-4103  
100211-4104  
100211-4190  
100211-4191



## FORKLIFT ALTERNATORS

### ALT22917



- 12 VOLT
- 50 AMP
- 1V BELT
- DENSO
- IRIF
- CW

#### PART NUMBER INTERCHANGE

##### TOYOTA

|                |                |
|----------------|----------------|
| 27060-78153    | 27060-78201    |
| 27060-78153-71 | 27060-78201-71 |
| 27060-78156    | 27060-78202    |
| 27060-78156-71 | 27060-78202-71 |
| 27060-78157    | 27060-78203    |
| 27060-78157-71 | 27060-78203-71 |
| 27060-78158    | 27060-UB030    |
| 27060-78158-71 | 27060-UB050    |
| 27060-78160    | 27060-UC020    |
| 27060-78160-71 |                |

##### ALSO REPLACES:

021080-1200  
101211-3580  
101211-3680  
101211-3730  
101211-3731  
101211-3860  
101211-8580  
101211-8650  
101211-8700  
101211-8870  
101211-8871  
9661219-870

### ALT28500



- 24 VOLT
- 50 AMP
- CW
- NIKKO
- IREF
- 8 GROOVE BELT

#### PART NUMBER INTERCHANGE

##### ISUZU

|               |
|---------------|
| 8-97375-017-0 |
| 8-97375-017-1 |
| 8-98092-116-0 |
| 8-98092-116-1 |
| 8-98092-116-2 |

##### ALSO REPLACES:

0-35000-4558  
0-35000-4598  
0-35000-4848  
0-35000-4838  
01-35-3029  
01-35-4000  
32G68-00101

### ALT28501



- 24 VOLT
- 30 AMP
- 1V BELT
- HITACHI
- IREF
- HITACHI CONV. FOR NIKKO  
W/50-817 REV HARNESS

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

01-33-3001  
0-33000-5670  
0-33000-6250

## FORKLIFT ALTERNATORS

### ALT28502



- 24 VOLT
- 13 AMP
- 2V BELT
- NIKKO
- IREF
- ENCLOSED

#### PART NUMBER INTERCHANGE

##### KOMATSU

- 600-821-3350
- 600-821-3260
- 600-821-3280
- 600-821-3370

##### ALSO REPLACES:

- 01-33-2005
- 0-33000-2280
- 0-33000-2281
- 0-33000-2290
- 0-33000-2200

### ALT28503



- 24 VOLT
- 35 AMP
- 2V BELT
- NIKKO
- IREF
- BRUSHLESS

#### PART NUMBER INTERCHANGE

##### KOMATSU

- 600-821-7210
- 600-821-7220
- 600-821-7230
- 600-821-7240
- 600-821-7250
- 600-821-7260
- 600-821-7310
- 600-821-7350
- 600-821-7420
- 600-821-8340
- 600-821-8360
- 600-821-8680

##### ALSO REPLACES:

- 0-35000-3000
- 0-35000-3020
- 0-35000-3050
- 0-35000-3070
- 0-35000-3150
- 0-35000-3180
- 0-35000-3220
- 0-35000-3230
- 0-35000-3240
- 0-35000-3280
- 0-35000-3420
- 0-35000-3470

### ALT28504



- 24 VOLT
- 25 AMP
- 2V BELT
- NIKKO
- IREF
- CW

#### PART NUMBER INTERCHANGE

##### ISUZU

- 1-81200-205-0
- 1-81200-209-0
- 1-81200-365-0

##### ALSO REPLACES:

- 01-33-2003
- 0-33000-6000

## FORKLIFT STARTERS

### STR2216

STARTERS



- 12 VOLT
- 9 TOOTH
- CW
- BOSCH
- PMGR
- 1.8KW

#### PART NUMBER INTERCHANGE

##### VOLKSWAGEN

068-911-023S  
068-911-024F  
068-911-024FX

##### ALSO REPLACES:

0-001-110-022 0-001-110-138  
0-001-110-023 0-001-110-139  
0-001-110-045 11.130.911  
0-001-110-046 AZE2578  
0-001-110-066 IS0773  
0-001-110-067  
0-001-110-106  
0-001-110-107  
0-001-110-122  
0-001-110-123  
0-001-110-126  
0-001-110-127  
0-001-110-128  
0-001-110-129  
0-001-110-136  
0-001-110-137

### STR2602



- 12 VOLT
- 11 TOOTH
- PG260
- CW
- DELCO
- PMGR
- 4 TERM SOLENOID
- STAGGERED MOUNT

#### PART NUMBER INTERCHANGE

##### CLARK

923045 1245399  
935180

##### DAEWOO

A232158

##### HYSTER

4019039

##### YALE

580013493 937210500 YT580013493  
580028237 CT937210500 YT580074751  
580074751 SYSN0477

##### ALSO REPLACES:

9000821  
9000886  
9000819  
35261180

### STR3073



- 12 VOLT
- 9 TOOTH
- PG260F-1
- 1.4KW
- DELCO
- PMGR

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY **HYSTER** FORKLIFT UNITS.  
PLEASE CONTACT OUR PRODUCTS SUPPORT  
STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

10465384  
10465459  
9000833  
9000847  
9000859  
323-1062  
323-1396  
336-1921



## FORKLIFT STARTERS

### STR3567



- 12 VOLT  
- 9 TOOTH  
- CW

- MITSUBISHI  
- DIRECT DRIVE  
- 0.8KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3001004      3046666

##### KALMAR

4942421      4948522

##### NISSAN

|             |             |             |
|-------------|-------------|-------------|
| 23300-15700 | 23300-15815 | 23300-P5111 |
| 23300-15800 | 23300-36900 | 23300-P5112 |
| 23300-15805 | 23300-36901 |             |
| 23300-15811 | 23300-P5110 |             |

##### TOWMOTOR

971522

#### ALSO REPLACES:

336-1257

### STR3567GR



- 12 VOLT  
- 11 TOOTH  
- CW

- DENSO  
- OSGR CONVERSION  
- 1.4KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3001004      3046666

##### KALMAR

4942421      4948522

##### NISSAN

|             |             |             |
|-------------|-------------|-------------|
| 23300-15700 | 23300-15815 | 23300-P5111 |
| 23300-15800 | 23300-36900 | 23300-P5112 |
| 23300-15805 | 23300-36901 |             |
| 23300-15811 | 23300-P5110 |             |

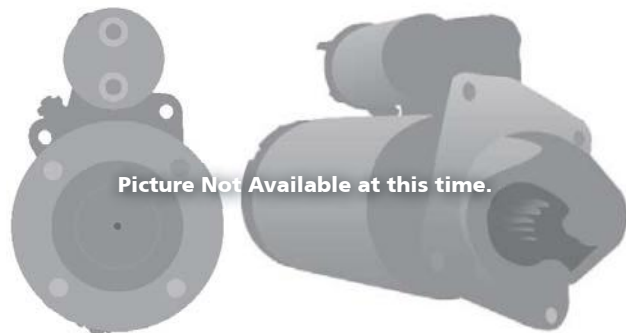
##### TOWMOTOR

971522

#### ALSO REPLACES:

336-1257

### STR3572



Picture Not Available at this time.

- 12 VOLT  
- 9 TOOTH  
- CW

- DENSO  
- DIRECT DRIVE  
- 1.0KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3049481

##### TOYOTA

|             |                |
|-------------|----------------|
| 28100-60010 | 28100-60060    |
| 28100-60040 | 28100-60061    |
| 28100-60041 | 28100-60062    |
| 28100-60042 | 28100-76024-71 |

#### ALSO REPLACES:

028000-0430      336-1262  
028000-1370  
028000-1371  
028000-1372  
028000-2360  
028000-2361  
028000-2362  
028000-2363  
028000-2364  
028000-3820  
028000-3821  
028000-3822  
028000-3823  
028000-3824  
028000-3825  
028000-3827

## FORKLIFT STARTERS

### STR3574

STARTERS



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- DIRECT DRIVE
- 0.8KW
- W/ "R" TERMINAL

#### PART NUMBER INTERCHANGE

##### TOYOTA

|             |               |
|-------------|---------------|
| 28100-33011 | 28100-36070   |
| 28100-33020 | 28100-36070-B |
| 28100-34010 | 28100-37010   |
| 28100-34070 | 28100-37011   |
| 28100-36020 | 28100-40020   |
| 28100-36040 | 28100-40040   |
| 28100-36050 | 28100-40041   |
| 28100-36051 | 28100-40050   |
| 28100-36060 |               |

##### TOWMOTOR

971685

##### ALSO REPLACES:

|             |             |
|-------------|-------------|
| 028000-1730 | 028000-3700 |
| 028000-1740 | 028000-6420 |
| 028000-2000 | 028000-6421 |
| 028000-2001 | 028000-6422 |
| 028000-4270 | 028000-2680 |
| 028000-4271 | 028000-2681 |
| 028000-3000 | 028000-2682 |
| 028000-3005 | 028000-3710 |
| 028000-3006 | 028000-3711 |
| 028000-2570 | 028000-4330 |
| 028000-2571 | 028000-4331 |
| 028000-2572 | 323-559     |
| 028000-4490 | 336-1260    |
| 028000-4491 | 336-1263    |
| 028000-6810 | 028000-1083 |
| 028000-6811 |             |
| 028000-6812 |             |
| 028000-6813 |             |

### STR4200



- 12 VOLT
- 11 TOOTH
- 42MT
- CW
- DELCO
- DIRECT DRIVE
- SAE3
- 5/8" HOLES

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

|         |          |          |
|---------|----------|----------|
| 195827  | 1990465  | 10461053 |
| 195828  | 1990468  | 10461126 |
| 195829  | 1990470  | 10461392 |
| 195830  | 1990475  | 10461415 |
| 195833  | 1990477  | 10461778 |
| 195834  | 1990478  | 10478810 |
| 554998  | 1990483  | 10478894 |
| 1990337 | 1990490  | 10478895 |
| 1990348 | 1990495  | 10478963 |
| 1990352 | 1993803  | 10478983 |
| 1990354 | 1993807  | 10479000 |
| 1990358 | 1993816  | 10479037 |
| 1990363 | 1993823  | 10479065 |
| 1990375 | 1993975  | 10479072 |
| 1990376 | 1993985  | 10479081 |
| 1990386 | 3021034  | 10479104 |
| 1990392 | 3021035  | 10479110 |
| 1990398 | 3610942  | 10479112 |
| 1990400 | 10461033 | 10479113 |
| 1990420 | 10461038 | 10479116 |
| 1990423 | 10461042 | 10479185 |
| 1990424 | 10461052 | AND MORE |

### STR4202



- 12 VOLT
- 12 TOOTH
- 42MT
- CW
- DELCO
- DIRECT DRIVE
- SAE3
- 5/8" HOLES

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

0R2189  
0R5218  
8N9263  
8C3596

##### ALSO REPLACES:

|         |           |
|---------|-----------|
| 157579  | 1993820   |
| 185617  | 3279496   |
| 554560  | 3907622   |
| 1990353 | 3910645   |
| 1990362 | 3938498   |
| 1990370 | 10461021  |
| 1990379 | 10461032  |
| 1990385 | 10461050  |
| 1990387 | 10461398  |
| 1990399 | 10461414  |
| 1990403 | 10478803  |
| 1990425 | 10478804  |
| 1990429 | 10478992  |
| 1990441 | 323-830   |
| 1990443 | 323-855   |
| 1990467 | 323-954   |
| 1990471 | 3604323RX |
| 1990480 |           |
| 1990492 |           |
| 1990496 |           |
| 1993783 |           |
| 1993806 |           |

## FORKLIFT STARTERS

### STR05000



- 12 VOLT  
- 9 TOOTH  
- SD260  
- CW

- DELCO  
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### HYSTER

1362081

##### ALSO REPLACES:

10455010  
10455025  
10455048  
10455053  
10455060  
10465096  
10465098  
10465312  
10465490  
323-472  
323-474  
323-503  
323-529  
336-1138

### STR05001



- 12 VOLT  
- 9 TOOTH  
- SD260  
- CW

- DELCO  
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

10455012  
10455076  
10465097  
10465435  
323-1205  
323-473  
336-1904

### STR5011H



- 12 VOLT  
- 9 TOOTH  
- CW

- DENSO  
- OSGR  
- 2.2KW  
- 32MM, WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

1347064  
1519632  
3114993  
3122813

##### ISUZU

8-94133-758-2  
8-97042-997-0  
8-97042-997-1  
8-97042-997-2

##### PERKINS

2873K401

##### ALSO REPLACES:

228000-1890  
228000-1891  
228000-1892  
228000-1893  
228000-8040  
228000-8041

## FORKLIFT STARTERS

### STR5022

STARTERS



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 2.0KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

1383240  
3112195  
3142124  
8504304

##### YALE

5800065-56

#### ALSO REPLACES:

228000-5860  
228000-5861  
228000-5862  
228000-5863  
AS228000-5862

### STR6000



- 12 VOLT
- 9 TOOTH
- CW
- HITACHI
- OSGR
- 2.0KW

#### PART NUMBER INTERCHANGE

##### ISUZU

5-81100-207-0  
8-94136-400-0  
8-94136-400-1  
8-94453-212-0

#### ALSO REPLACES:

### STR6019



- 12 VOLT
- 11 TOOTH
- CW
- MITSUBISHI
- OSGR
- 1.2KW

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

MD171502

#### ALSO REPLACES:

M2T58781  
M2T58781ZC  
M002T58781

## FORKLIFT STARTERS

### STR6034



- 12 VOLT  
- 10 TOOTH  
- CW

- MITSUBISHI  
- OSGR  
- 2.2KW

#### PART NUMBER INTERCHANGE

##### CLARK

920670

##### MITSUBISHI

|             |           |
|-------------|-----------|
| 32A66-00100 | M2T62271  |
| 32A66-00101 | M2T62272  |
| 32A66-00300 | M2T74371  |
| 32A66-00301 | M2TS0071  |
| 32A66-00600 | M2TS0071A |
| 32A66-01100 | M3T67671  |
| 32A66-11100 |           |

#### ALSO REPLACES:

### STR6047



- 12 VOLT  
- 13 TOOTH  
- CW

- MITSUBISHI  
- OSGR  
- 2.7KW

#### PART NUMBER INTERCHANGE

##### HYSTER

2021166  
3068346

##### MAZDA

4840-18-400  
4840-18-400A  
4840-18-400B

##### YALE

1500225-14  
1501234-51  
1501234-52  
9010988-90  
9010988-91

#### ALSO REPLACES:

### STR6056



- 12 VOLT  
- 10 TOOTH  
- CW

- DENSO  
- OSGR  
- 2.5KW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

143-0535  
6T7001  
6T7007

##### HYSTER

3049383

#### ALSO REPLACES:

128000-1060  
128000-1061  
128000-1062

## FORKLIFT STARTERS

### STR6073

STARTERS



- 12 VOLT  
- 11 TOOTH  
- CW

- DENSO  
- OSGR  
- 2.5KW  
- 40MM

#### PART NUMBER INTERCHANGE

##### HYSTER

3049479

##### TOYOTA

28100-23660-71  
28100-40290  
28100-40290-71  
28100-40291  
28100-40291-71  
28300-23040  
28300-23041  
28300-23041-71

#### ALSO REPLACES:

128000-0970  
128000-0971  
128000-0972  
128000-0973  
128000-0974  
128000-4110  
128000-4111  
128000-4113  
228000-3710  
228000-3711

### STR6088



- 12 VOLT  
- 11 TOOTH  
- CW

- DENSO  
- OSGR  
- 2.5KW  
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-1410  
600-813-1430

#### ALSO REPLACES:

128000-9960  
128000-9961  
128000-9962  
228000-0190  
228000-0191

### STR6090



- 12 VOLT  
- 13 TOOTH  
- CW

- DENSO  
- OSGR  
- 2.5KW  
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CASE

1987559C1  
86982709  
87350916  
91295138  
104452A1  
104452A2  
104452A2R  
86982709-AM  
A170745  
A170746  
A170748  
A181056

#### ALSO REPLACES:

|             |               |
|-------------|---------------|
| 1912211     | 128000-2272   |
| 3904466     | 128000-2273   |
| 3920403     | 128000-9500   |
| 3920643     | 128000-9501   |
| 3926960     | 128000-9502   |
| 3957585     | 128000-9503   |
| 3957594     | 128000-9504   |
| 10465532    | 128080-0540   |
| 10465540    | 128080-0541   |
| 395759400   | 128080-0542   |
| 128000-0210 | 128080-0543   |
| 128000-0211 | 128080-0544   |
| 128000-0212 | 1308066H91    |
| 128000-0213 | 228000-4670   |
| 128000-0214 | 228000-4671   |
| 128000-0215 | 228000-9100   |
| 128000-0216 | 3604485NW     |
| 128000-0540 | 3604485RX     |
| 128000-0541 | 3604660NW     |
| 128000-0542 | 3604660RX     |
| 128000-0543 | 3675154NW     |
| 128000-0544 | 3675154RX     |
| 128000-0545 | 9712809-021   |
| 128000-2270 | AS228000-4671 |
| 128000-2271 |               |

## FORKLIFT STARTERS

### STR6144



- 24 VOLT  
- 11 TOOTH  
- CW

- MITSUBISHI  
- OSGR  
- 3.2KW

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

34466-03101  
34466-15101  
34466-15102  
34466-20100  
34466-20102

#### ALSO REPLACES:

### STR6150



- 24 VOLT  
- 11 TOOTH  
- CW

- DENSO  
- OSGR  
- 4.5KW

#### PART NUMBER INTERCHANGE

##### TOYOTA

28100-56030  
28100-56060  
28100-56100  
28100-56120

#### ALSO REPLACES:

028000-5530  
028000-5620  
028000-5690  
028000-5691  
028000-9330  
028000-9331

### STR6163



- 24 VOLT  
- 11 TOOTH  
- CW

- DENSO  
- OSGR  
- 4.5KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3004568

##### TOYOTA

28100-22060-71  
28100-22061  
28100-22061-71  
28100-22061-71F  
28100-32080  
28100-32080-71

#### ALSO REPLACES:

028000-5860  
028000-5861  
028000-5862  
028000-5863  
028000-5864  
028000-5890

## FORKLIFT STARTERS

### STR6176

STARTERS



- 24 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 4.5KW

#### PART NUMBER INTERCHANGE

##### ISUZU

- 1-81100-189-0
- 1-81100-189-1
- 1-81100-189-2
- 1-81100-264-0
- 1-81100-264-1
- 5-81100-156-0

#### ALSO REPLACES:

### STR7002



- 12 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 1.2KW
- CONVERSION UNIT

#### PART NUMBER INTERCHANGE

##### CLARK

- |        |         |         |
|--------|---------|---------|
| 911410 | 920971  | 6918306 |
| 918306 | 4314765 |         |

##### HYSTER

- 3025527

##### MITSUBISHI

- |           |          |          |
|-----------|----------|----------|
| MD171228  | MD871228 | MM115519 |
| MD320618D | MM115518 |          |

##### NISSAN

- |        |         |         |
|--------|---------|---------|
| 972547 | 1037968 | 1085012 |
| 973381 | 1041468 |         |

##### YALE

- |           |           |
|-----------|-----------|
| 220007094 | 220044331 |
|-----------|-----------|

#### ALSO REPLACES:

- 10461641

### STR7051



- 12 VOLT
- 10 TOOTH
- 28MT
- CW
- DELCO
- OSGR
- 3 TERM. SOLENOID
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CUMMINS

- 3604648
- 3604648RX
- 3604654
- 3604654RX
- 3916854
- 3916854RX
- 360464800
- 360464800R
- 360464800RX
- ST9039

#### ALSO REPLACES:

- |              |              |
|--------------|--------------|
| 1113276      | 0-23000-2460 |
| 1113292      | 0-23000-1810 |
| 10461285     | 0-23000-2450 |
| 10465026     | 323-419      |
| 10465043     |              |
| 10465211     |              |
| 10465365     |              |
| 10465403     |              |
| 10465404     |              |
| 10465407     |              |
| 10479621     |              |
| 10479624     |              |
| 10479640     |              |
| 10479643     |              |
| 0-23000-2020 |              |



## FORKLIFT STARTERS

### STR7054



- 12 VOLT
- 10 TOOTH
- 28MT
- CW
- DELCO
- OSGR
- 3 TERM. SOLENOID
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

313394  
865435  
1313394  
HY0865435

##### PERKINS

12500790

##### ALSO REPLACES:

1113275  
1113278  
10461446  
10461447  
10465044  
10465045  
10465046  
10465406  
0-23000-1830  
0-23000-1870  
0-23000-1878  
02-23-1005  
323-438  
323-439

### STR7108



- 24 VOLT
- 10 TOOTH
- CW
- MITSUBISHI
- PLGR
- 5.0KW
- W/ RELAY

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

32B66-00200  
32B66-00202  
32B66-00204  
32B66-20100  
32B66-20102

##### ALSO REPLACES:

### STR8006



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

3004569

##### TOYOTA

28300-22001  
28300-22001-71  
28300-22002  
28300-22002-71  
28300-22003  
28300-22003-71  
28300-22003-RF

##### ALSO REPLACES:

128000-0400  
128000-0401  
128000-0402  
228000-4370  
228000-4371  
228000-4372

## FORKLIFT STARTERS

### STR8201

STARTERS



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW
- W/ "R" TERMINAL

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

6T7004

##### DAEWOO

D141096  
DWD141096

#### ALSO REPLACES:

128000-1050  
128080-1050  
228000-3570

### STR10012U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- WET CLUTCH
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### HYSTER

3136104  
170239  
335864  
894566  
3005727  
3136104R

##### YALE

2200073-74

#### ALSO REPLACES:

1109096  
1998272  
1107279  
1107297  
1108424

### STR10013U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW
- DELCO
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### MASSEY FERGUSON

518-671-M91  
579-837-M91  
1903-107-M91

#### ALSO REPLACES:

1108379  
1108397  
323-650

## FORKLIFT STARTERS

### STR10014U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- WET CLUTCH
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### HYSTER

1327047  
3033927

##### YALE

2200073-50

#### ALSO REPLACES:

10455326  
10465412

### STR10015U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- WET CLUTCH
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

215988  
3T5649  
7N8404  
8N1694

##### HYSTER

3001010  
3004585

##### TOWMOTOR

88189

##### YALE

2200071-46

#### ALSO REPLACES:

1109422  
1998297  
10455332  
1107308  
1108508  
1109087  
323-645  
1998263

### STR10016U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

4885883R      8625404

##### CLARK

316595      999665

##### HYSTER

3001006      3027060      3136108

##### YALE

2200073-43

#### ALSO REPLACES:

1107245  
1109053  
1109086  
1998262  
10455328  
10461597  
12301483  
323-651

## FORKLIFT STARTERS

### STR10017U

STARTERS



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- WET CLUTCH
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

655293

##### ALSO REPLACES:

1107335  
1109423  
1998298

### STR10018U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

79001788-3  
79004831-8

##### WHITE

20-7000396

##### ALSO REPLACES:

1107356  
1108416  
1109435  
1998308  
323-640

### STR10019U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

1107362  
1108295

## FORKLIFT STARTERS

### STR10020U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

##### CLARK

|         |         |        |
|---------|---------|--------|
| 2355693 | 2377360 | 636180 |
| 2355694 | 391632  | 916303 |

##### HYSTER

|         |         |         |
|---------|---------|---------|
| 3001008 | 3002935 | 3004552 |
|---------|---------|---------|

##### TOWMOTOR

|        |        |        |
|--------|--------|--------|
| 215861 | 215987 | 971561 |
|--------|--------|--------|

##### YALE

|            |            |            |
|------------|------------|------------|
| 2200023-97 | 2200072-52 | 2200073-59 |
|------------|------------|------------|

#### ALSO REPLACES:

1107378  
1109091  
1998267  
10455333  
10455351  
10465413  
10465427  
12301277  
323-1197  
323-630

### STR10021U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CLARK

1636179  
1636180

#### ALSO REPLACES:

1107377  
1108197  
1109090  
1998266  
10461605  
12301281  
323-632

### STR10022U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107332  
1109428  
1998303  
10455321

## FORKLIFT STARTERS

### STR10023GR

STARTERS



- 12 VOLT
- 10 TOOTH
- OSGR
- CW
- DENSO
- 1.4KW
- ULTRA TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107300  
1107382  
1109436  
1998309  
10455334  
12301487  
323-653

### STR10023U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- HAS SHAVED FIELD CASE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107300  
1107382  
1109436  
1998309  
10455334  
12301487  
323-653

### STR10024U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### BAKER

115108  
9022W1

##### CLARK

884105

##### HYSTER

3002941

##### YALE

0653715-00  
2200521-04

#### ALSO REPLACES:

1107215  
1107885  
1108290  
1109438  
1998311  
10461612  
12301295  
323-639

## FORKLIFT STARTERS

### STR10025U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### HYSTER

3001019  
335862

##### ALSO REPLACES:

1107205  
1107292  
1107760  
1107884  
1107898  
1108422  
1109089  
1109094  
1998265  
1998270  
323-644

### STR10026U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### MASSEY FERGUSON

193922M91  
513942M91  
513942M92

##### ALSO REPLACES:

323-624  
1107329  
1108324  
1109080  
1998258

### STR10027U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

170238  
282663  
282666  
335863  
1335326  
3001020  
3033926  
3136103  
119852A  
98595A

##### ALSO REPLACES:

1107204  
1107295  
1108423  
1109095  
1998271  
10455327  
12301289  
323-636

##### YALE

2200073-49

## FORKLIFT STARTERS

### STR10028U

STARTERS



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

4853635

##### HYSTER

300102  
335866  
1327048  
3001022  
3004561  
3136131

##### YALE

2200073-51  
2200073-66

#### ALSO REPLACES:

10455318  
1108289  
1107209  
1107334  
1108505  
1109098  
1998274  
323-631

### STR10029U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

7N7665  
7N8064

##### HYSTER

3004023  
3049790

##### YALE

2200071-41

#### ALSO REPLACES:

1998207  
1998208  
1998325  
1998326  
1998485  
10455348  
10465410  
323-1194

### STR10030GR



- 12 VOLT
- 9 TOOTH
- OSGR
- CW
- DENSO
- 2.0KW
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

335861  
1335325  
3001018  
3033925  
3136105  
118616A  
HY118616  
HY118616A  
HY0118616

##### YALE

2200073-47

#### ALSO REPLACES:



## FORKLIFT STARTERS

### STR10030U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1107203
- 1107350
- 1107785
- 1108421
- 1108438
- 1108494
- 1109093
- 1109362
- 1109432
- 1109434
- 1998269
- 1998307
- 10455317
- 10461613
- 12301279
- 323-631

### STR10031U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

#### JOHN DEERE

- AR91813
- AT18025
- SE501436
- TY1465
- TY6639
- TY6706
- TYP3990

#### ALSO REPLACES:

- 1109576
- 1107339
- 1108319
- 1109421
- 12301485
- 323-652

### STR10032U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

#### CATERPILLAR

- 7N8405
- 308855

#### HYSTER

- 3004022

#### TOWMOTOR

- 350725

#### YALE

- 2200071-44
- 2200073-76

#### ALSO REPLACES:

- 1108388
- 1109420
- 1998295
- 10461617
- 12301299
- 323-655

## FORKLIFT STARTERS

### STR10033U

STARTERS



- 12 VOLT
- 12 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1998218  
1998328  
1107343  
1109419  
323-641  
1998294

### STR10034U



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

8624170

##### HYSTER

282661  
3004562  
3042514

##### YALE

2200073-67

#### ALSO REPLACES:

1108393  
1108501  
1109429  
1109431  
1998306

### STR10035U



- 12 VOLT
- 9 TOOTH
- 10MT
- CCW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107386  
1109424  
1998299  
10455336  
10455352  
10461599  
10465414  
10465428  
12301283  
323-633

## FORKLIFT STARTERS

### STR10036U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

296840  
3001016

##### ALSO REPLACES:

1108284  
1108390  
10455322  
12301477  
323-648

### STR10037U



- 12 VOLT
- 11 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

1108394  
1109361  
1109570  
1998284  
323-643

### STR10038 | STR10038U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW

- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

|         |           |
|---------|-----------|
| 284074  | 3012612   |
| 335867  | 3136100   |
| 353221  | 3136101   |
| 1383779 | 3001023RX |
| 2135890 | 3136100RX |
| 3001023 | HY1383779 |

##### YALE

2200071-43

##### ALSO REPLACES:

1998576  
1108443  
1108493  
1109418  
1109439  
1998293  
10455349  
10465411  
10465425  
323-1195

## FORKLIFT STARTERS

### STR10039U

STARTERS



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- 1.0KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3001045  
3010987

##### YALE

752095600

##### ALSO REPLACES:

1107655  
1107681  
1109446  
1998313  
10455357  
10465419  
10465433  
323-1203  
336-1881

### STR10040U



- 12 VOLT
- 10 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### INTERNATIONAL

104196A2

##### ALSO REPLACES:

1109572  
1108358

### STR10041U



- 12 VOLT
- 10 TOOTH
- CW
- 10MT
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### HYSTER

3020084

##### ALSO REPLACES:

1998232  
1998382  
10455329

## FORKLIFT STARTERS

### STR10043 | STR10043U



- 12 VOLT
- 9 TOOTH
- 10MTCI
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

87828  
3T8192

##### ALSO REPLACES:

1108373  
323-627

### STR10307GR



- 12 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### HYSTER

326875      3003784  
388040      3021367

##### MAZDA

4893-18-400B    4893-18-400E  
4893-18-400D

##### YALE

150012751      9005408-49  
150012752      9005408-57  
2200709-79

##### ALSO REPLACES:

### STR10308



- 12 VOLT
- 8 TOOTH
- CW
- MITSUBISHI
- DIRECT DRIVE
- 0.8KW
- 74MM PILOT

#### PART NUMBER INTERCHANGE

##### HYSTER

3021007

##### MAZDA

4780-18-400  
4780-18-400A

##### YALE

1500023-02  
9069916-00  
9069916-01

##### ALSO REPLACES:

## FORKLIFT STARTERS

### STR10309

STARTERS



- 12 VOLT
- 8 TOOTH
- CW

- MITSUBISHI
- DIRECT DRIVE
- 0.8KW
- 74MM PILOT

#### PART NUMBER INTERCHANGE

##### HYSTER

388040  
1362069  
3021367  
3068345  
4221369

##### MAZDA

FESE-18-400

##### YALE

1500023-05  
1500127-51  
1500127-52  
9129786-00

#### ALSO REPLACES:

### STR10310



- 12 VOLT
- 11 TOOTH
- CW

- MITSUBISHI
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3061698

##### KALMAR

4967525

##### NISSAN

23300-20H00  
23300-20H12

#### ALSO REPLACES:

### STR10311



- 12 VOLT
- 11 TOOTH
- CW

- MITSUBISHI
- OSGR
- 1.2KW

#### PART NUMBER INTERCHANGE

##### CLARK

|        |         |         |
|--------|---------|---------|
| 911410 | 920971  | 6918306 |
| 918306 | 4314765 |         |

##### HYSTER

3025527

##### MITSUBISHI

|           |          |          |
|-----------|----------|----------|
| MD171228  | MD871228 | MM115519 |
| MD320618D | MM115518 |          |

##### NISSAN

|        |         |         |
|--------|---------|---------|
| 972547 | 1037968 | 1085012 |
| 973381 | 1041468 |         |

##### YALE

|           |           |
|-----------|-----------|
| 220007094 | 220044331 |
|-----------|-----------|

#### ALSO REPLACES:

10461641

# FORKLIFT STARTERS

## STR10312



- 12 VOLT  
- 10 TOOTH  
- CW

- MITSUBISHI  
- PMGR  
- 1.2KW

### PART NUMBER INTERCHANGE

#### CATERPILLAR

12MD3206    3144349    3T24971

#### CLARK

920971    921615    928805

#### HYSTER

1374064    3149816E  
3149816    HY3149816

#### MITSUBISHI

MD318086    MD320616  
MD318086D    MD320618

### ALSO REPLACES:

46-4174  
66925301  
66925301S

STARTERS

## STR10313



- 12 VOLT  
- 9 TOOTH  
- CW

- MITSUBISHI  
- PMGR  
- 1.2KW

### PART NUMBER INTERCHANGE

#### HYSTER

3135719  
3137762  
3144362  
3149819

#### NISSAN

23300-K9160

### ALSO REPLACES:

## STR10314



- 12 VOLT  
- 8 TOOTH  
- CW

- MITSUBISHI  
- PMGR  
- 1.2KW  
- 74MM PILOT

### PART NUMBER INTERCHANGE

#### HYSTER

1534424    3114995  
2314322    3143871RX  
2315322    HY3143871RX

#### MAZDA

FFSC-18-400    FF50-18-400  
FFSC-18-400A

#### YALE

580085918    9181396-00  
2201024-37R    YT918139600  
5800409-14

### ALSO REPLACES:

## FORKLIFT STARTERS

### STR10315

STARTERS



- 12 VOLT
- 13 TOOTH
- CW
- MITSUBISHI
- PLGR
- 2.2KW

#### PART NUMBER INTERCHANGE

##### MAZDA

SLSK-18-400

##### YALE

1500225-05

#### ALSO REPLACES:

### STR10316



- 24 VOLT
- 10 TOOTH
- CW
- MITSUBISHI
- OSGR
- 5.0KW
- W/ IMS

#### PART NUMBER INTERCHANGE

##### MITSUBISHI

34366-00101  
34366-10100  
34366-20100  
34766-10901  
34766-10903  
34766-20900  
34766-20901  
M3T56172  
M3T56174  
M3T56181  
M3T56181ZC  
M3T56182  
M3T56182ZC  
M3T56183  
M3T56183ZC

#### ALSO REPLACES:

### STR10318



- 12 VOLT
- 13 TOOTH
- CW
- MITSUBISHI
- OSGR
- 2.2KW
- W/ IMS

#### PART NUMBER INTERCHANGE

##### MAZDA

TMSK-18-400

##### YALE

1500023-06  
9121036-00

#### ALSO REPLACES:



## FORKLIFT STARTERS

### STR10319



- 12 VOLT  
- 9 TOOTH  
- CW

- MITSUBISHI  
- PMGR  
- 1.2KW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

91H2003330  
91H2006190

##### HYSTER

1720604

##### NISSAN

23300-F4U010  
23300-FU410  
23300-GS20A

#### ALSO REPLACES:

### STR10320



- 12 VOLT  
- 8 TOOTH  
- CW

- MITSUBISHI  
- PMGR  
- 0.9KW

#### PART NUMBER INTERCHANGE

##### HYSTER

1699116

##### MAZDA

FFSN-18-400

#### ALSO REPLACES:

### STR10321



- 12 VOLT  
- 9 TOOTH  
- CW

- MITSUBISHI  
- OSGR  
- 2.2KW

#### PART NUMBER INTERCHANGE

##### DAEWOO

65.26201-7039  
65.26201-7059

#### ALSO REPLACES:

112473

## FORKLIFT STARTERS

### STR10322

STARTERS



- 12 VOLT
- 8 TOOTH
- CW

- MITSUBISHI
- DIRECT DRIVE
- 1.1KW
- 77MM PILOT

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

4920209      4920209-6

##### CLARK

909329      3790819  
928805      4322070

##### HYSTER

3046665

##### MITSUBISHI

MM115513      MM115517  
MM115514

##### YALE

1500023-01      2200073-77      9005408-56  
1500023-04      5300846-02

#### ALSO REPLACES:

### STR10323



- 12 VOLT
- 8 TOOTH
- CW

- MITSUBISHI
- DIRECT DRIVE
- 0.8KW
- 82.5MM PILOT

#### PART NUMBER INTERCHANGE

##### KALMAR

4948522

##### NISSAN

|             |             |             |
|-------------|-------------|-------------|
| 23300-00H00 | 23300-22P70 | 23300-L2912 |
| 23300-00H10 | 23300-22P71 | 23300-P0614 |
| 23300-00H11 | 23300-42L13 | 23300-P5112 |
| 23300-05H11 | 23300-60S10 | 23300-P5113 |
| 23300-05H12 | 23300-L1110 | 23300-P5114 |
| 23300-20P00 | 23300-L1111 | 23300-R9000 |
| 23300-20P05 | 23300-L2910 | 23300-R9001 |
| 23300-20P10 | 23300-L2911 |             |

##### TOWMOTOR

971522

#### ALSO REPLACES:

M3T21882D  
M3T38682  
M3T41185  
M3T21781D  
M3T38581  
M3T21281  
M3T21281D  
M3T21781  
M3T21881  
M3T21882  
M3T25181

### STR10400



- 24 VOLT
- 11 TOOTH
- CW

- HITACHI
- OSGR
- 4.5KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3042323

##### NISSAN

23300-L6000  
23300-L6600  
23300-Z5000  
23300-Z5005  
23300-Z5007  
23300-Z5504  
23300-Z5505  
23300-Z5507  
23300-Z5509

#### ALSO REPLACES:

## FORKLIFT STARTERS

### STR10404



- 12 VOLT
- 9 TOOTH
- CW
- HITACHI
- DIRECT DRIVE
- 0.8KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3060771

##### NISSAN

23300-09600 23300-B0700  
23300-09601  
23300-47601  
23300-48300  
23300-48301

#### ALSO REPLACES:

### STR10405GR



- 12 VOLT
- 9 TOOTH
- 2.0KW
- CW
- DENSO
- OSGR
- ULTRA TORQUE
- 35.25MM

#### PART NUMBER INTERCHANGE

##### NISSAN

23300-31W00 23300-G7002  
23300-31W01 23300-G7005  
23300-31W02 23300-L1800  
23300-31W03 23300-L2916  
23300-31W04 23300-V0600  
23300-37503 23300-V0602  
23300-37508 23300-V0603  
23300-G7000 23300-V0605

##### YALE

2200073-42

#### ALSO REPLACES:

### STR10406 | STR10406OE



- 12 VOLT
- 9 TOOTH
- CW
- HITACHI
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### NISSAN

23300-52H00  
23300-FJ10A  
23300-K8405

#### ALSO REPLACES:

## FORKLIFT STARTERS

### STR10407

STARTERS



- 24 VOLT
- 11 TOOTH
- CW
- HITACHI
- OSGR
- 3.5KW

#### PART NUMBER INTERCHANGE

##### NISSAN

23300-06J01  
23300-06J02  
23300-06J04  
23300-34T00  
23300-34T03

##### ALSO REPLACES:

280-9011

### STR10408



- 12 VOLT
- 9 TOOTH
- CW
- HITACHI
- OSGR
- 2.0KW

#### PART NUMBER INTERCHANGE

##### NISSAN

23300-83W00  
23300-10G02

##### ALSO REPLACES:

### STR10409



- 12 VOLT
- 9 TOOTH
- CW
- HITACHI
- DIRECT DRIVE
- 1.2KW

#### PART NUMBER INTERCHANGE

##### NISSAN

23300-C0600

##### ALSO REPLACES:

## FORKLIFT STARTERS

### STR11001



- 6 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE
- 3 HOLE MOUNT
- W/ SWITCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

STARTERS

### STR11006



- 6 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1107010
- 1107086
- 1107180
- 1107401
- 1107424
- 1107479
- 1107481
- 1107958

### STR11007



- 6 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1107012
- 737Z

## FORKLIFT STARTERS

### STR11008

STARTERS



- 6 VOLT
- 9 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE
- W/ SWITCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

### STR11009



- 12 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

4910848

##### HYSTER

3004556

##### YALE

2200073-63

#### ALSO REPLACES:

1107325  
1107798  
1109374  
1109378  
1109390

### STR11010



- 6 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

## FORKLIFT STARTERS

### STR11011



- 12 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE
- 3 HOLE MOUNT
- W/ SWITCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1107252
- 1107358
- 1107663
- 1107682
- 1107813
- 1107827
- 1107833
- 1107847
- 1108130
- 1108142
- 1108187
- 1109380
- 323-661
- 323-861

### STR11012



- 12 VOLT
- 9 TOOTH
- 10MTE
- CCW
- DELCO
- DIRECT DRIVE
- BULLET NOSE
- W/ SWITCH

#### PART NUMBER INTERCHANGE

#### ALLIS CHALMERS

- 79004826-8
- 79001783-4

#### ALSO REPLACES:

- 1107758
- 10461671

### STR11013



- 12 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE
- W/ SWITCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

## FORKLIFT STARTERS

### STR11014

STARTERS



- 12 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### HYSTER

3004553

#### ALSO REPLACES:

1107296  
1109373  
1107239

### STR11015



- 12 VOLT
- 10 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE
- W/ SWITCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107254  
1107256  
1107257  
1107811  
1107821  
1108122  
1108175

### STR11016



- 6 VOLT
- 9 TOOTH
- 10MTE
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1108068  
1107198



## FORKLIFT STARTERS

### STR11017



- 12 VOLT  
- 9 TOOTH  
- 10MTE  
- CW

- DELCO  
- DIRECT DRIVE  
- CONVERSION

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

1018785R  
1018785

##### ALSO REPLACES:

MEO6008

STARTERS

### STR11980



- 12 VOLT  
- 8 TOOTH  
- CW

- MANDO  
- PMGR  
- 1.2KW  
- 77MM PILOT

#### PART NUMBER INTERCHANGE

##### HYSTER

33001173  
33002222

##### ALSO REPLACES:

### STR12201



- 12 VOLT  
- 9 TOOTH  
- CW

- BOSCH  
- DIRECT DRIVE  
- 3.0KW

#### PART NUMBER INTERCHANGE

##### KHD

116-3669

##### ALSO REPLACES:

0-001-358-044  
0-001-358-046  
0-001-358-049  
0-001-359-012  
0-001-359-027  
0-001-359-073  
0-001-359-078  
0-001-367-004  
11.130.026  
11.130.484  
11.130.552  
AZJ0402  
AZJ3128  
AZJ3170  
IS0484  
IS0552

## FORKLIFT STARTERS

### STR12202

STARTERS



- 12 VOLT
- 9 TOOTH
- CW
- BOSCH
- DIRECT DRIVE
- 2.4KW

#### PART NUMBER INTERCHANGE

##### DEUTZ

2934694

##### ALSO REPLACES:

0-001-362-016  
0-001-362-034  
0-001-362-091  
0-001-362-305  
0-001-362-311  
0-001-362-313  
11.130.117  
11.130.551  
11.132.255  
AZJ3169  
AZJ3475  
AZJ3508  
IS0551

### STR12605



- 12 VOLT
- 11 TOOTH
- PG260L
- CW
- DELCO
- PMGR
- W/ SPECIAL T-BOLT

#### PART NUMBER INTERCHANGE

##### HYSTER

1469604  
1640531  
HY1469604

##### ALSO REPLACES:

9000885

### STR12606



- 12 VOLT
- 11 TOOTH
- PG260L
- CW
- DELCO
- PMGR
- 1.6KW

#### PART NUMBER INTERCHANGE

##### HYSTER

1469603  
1650426  
3173606RX

##### ALSO REPLACES:

8000193  
9000895  
10465606  
323-1619

## FORKLIFT STARTERS

### STR12607



- 12 VOLT
- 9 TOOTH
- PG260M
- CW
- DELCO
- PMGR

#### PART NUMBER INTERCHANGE

##### HYSTER

1548620

##### YALE

580044885  
YT580044885

#### ALSO REPLACES:

8000158  
9000890

### STR12608



- 12 VOLT
- 8 TOOTH
- CW
- PG260E
- DELCO
- PMGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### CLARK

1242718  
CL1242718

##### HYUNDAI

36100-2CC00  
XKBH-00238

#### ALSO REPLACES:

8000340

### STR12700U



- 12 VOLT
- 10 TOOTH
- 27MT
- CW
- DELCO
- DIRECT DRIVE
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

##### JOHN DEERE

AT18150  
AT25619  
RE19187  
TY1458  
TY6620  
TY25994

#### ALSO REPLACES:

1107577  
1107599  
1107863  
1107871  
1109265  
1998346  
1998367  
10496885  
12301329  
323-672  
323-826

## FORKLIFT STARTERS

### STR12701U

STARTERS



- 12 VOLT
- 10 TOOTH
- 20-25MT
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### MASSEY FERGUSON

|              |             |
|--------------|-------------|
| 1403-617-M91 | 513-913-M91 |
| 1891-17-M91  | 513-913-M92 |
| 1900-434-M91 | 515-913-M92 |
| 1903-119-M91 | 515-913-M93 |
| 1903-617-M91 | 535-388-M91 |
| 191-081-M93  | 579-395-M91 |
| 191-091-M92  | 579-934-M91 |

##### ALSO REPLACES:

1107503  
1107512  
1107853  
1107860  
1107870  
1108662  
1109257  
1109264  
1998345  
1998377  
12301330  
323-673  
323-700

### STR12702U



- 12 VOLT
- 10 TOOTH
- 27MT
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

347198  
646218

##### ALSO REPLACES:

1107514 323-674  
1107539 323-684  
1107866 323-827  
1107872  
1108648  
1109198  
1109217  
1109253  
1109261  
1109263  
1998330  
1998342  
1998362  
1998376  
1998420  
1998480

### STR12703U



- 12 VOLT
- 10 TOOTH
- 20MT
- CW
- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CLARK

2385787

##### HYSTER

3005414

##### YALE

2200026-51

##### ALSO REPLACES:

1108694  
1109199  
1998348  
1998363

## FORKLIFT STARTERS

### STR12704U



- 12 VOLT  
- 10 TOOTH  
- 27MT  
- CW

- DELCO  
- DIRECT DRIVE  
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

249694

##### HYSTER

3004558

##### YALE

2200073-64

#### ALSO REPLACES:

1107859  
1108696  
1998341  
1998349

### STR12705U



- 12 VOLT  
- 10 TOOTH  
- 25MT  
- CW

- DELCO  
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1107540  
1107868  
1108697  
1109189  
1109258  
1109269  
1113597  
1998331  
1998350  
1998357  
1998373  
1998446  
1998484  
12301346  
323-689

### STR12706U



- 12 VOLT  
- 12 TOOTH  
- 25MT  
- CW

- DELCO  
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### HYSTER

170241  
359246  
3004013  
3042513

##### YALE

2200058-38

#### ALSO REPLACES:

1107510  
1107588  
1108692  
1113598  
1998339  
1998347  
1998455  
1998465  
12301351  
323-451  
323-694

## FORKLIFT STARTERS

### STR12707U

STARTERS



- 12 VOLT
- 10 TOOTH
- 25MT
- CW
- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1108693

### STR12708U



- 12 VOLT
- 10 TOOTH
- 27MT
- CW
- DELCO
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CASE

104198A2  
104202A1  
104202A2  
104202A2R  
A169502  
A39839  
A39839  
A47460  
A47494  
A47495  
R29870

#### ALSO REPLACES:

1109143  
1109149  
1109190  
1998353  
1998505  
10461609  
10461610  
10461673  
12301349  
323-677  
323-692

### STR12709U



- 12 VOLT
- 10 TOOTH
- 25MT
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

4917197

##### HYSTER

3001007  
376253

##### YALE

2200073-44

#### ALSO REPLACES:

1107580  
1109542  
1109550  
1998336  
1998383  
1998387  
1998479  
1998481  
10496881  
323-822

## FORKLIFT STARTERS

### STR12710U



- 12 VOLT
- 10 TOOTH
- 25MT
- CW

- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

306727  
3010514  
3042508  
3136124

##### ALSO REPLACES:

1107592  
1998340  
1998468

### STR12711 | STR12711U



- 12 VOLT
- 10 TOOTH
- 25MT
- CW

- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

136125  
3001265  
3137440  
3001265R  
3004684R

##### ALSO REPLACES:

1107511  
1107557  
1107582  
1998337  
10461616  
12301332  
323-675

### STR12712U



- 12 VOLT
- 10 TOOTH
- 25MT
- CW

- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

1107551

## FORKLIFT STARTERS

### STR12713U

STARTERS



- 12 VOLT
- 9 TOOTH
- 25MT
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

##### WHITE

10A25078  
20-7000398

#### ALSO REPLACES:

1107576  
1109142  
1998489  
323-693

### STR12714U



- 12 VOLT
- 10 TOOTH
- 25MT
- CW
- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1109255  
1998366  
1998370  
323-698

### STR12715U



- 12 VOLT
- 9 TOOTH
- 27MT
- CW
- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### ALLIS CHALMERS

8620794

##### HYSTER

3004555

##### YALE

2200073-62

#### ALSO REPLACES:

1109147  
1998276  
1998402



## FORKLIFT STARTERS

### STR12716U



- 12 VOLT
- 10 TOOTH
- 27MT
- CW

- DELCO
- DIRECT DRIVE
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### JOHN DEERE

RE19196  
RE42730  
TY6620

##### ALSO REPLACES:

323-672  
1107577  
1107599  
1107863  
1107871  
12301329

### STR12717U



- 12 VOLT
- 12 TOOTH
- 27MT
- CW

- DELCO
- DIRECT DRIVE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

##### ALSO REPLACES:

1107527  
1107567  
1107581  
1107587  
1109272  
1998334  
1998338  
1998378  
1998394  
323-680

### STR12807



- 12 VOLT
- 10 TOOTH
- 28MT
- CW

- DELCO
- OSGR
- 3 TERM SOLENOID
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CLARK

2743535

##### ALSO REPLACES:

1113288  
10461484  
0-23000-2000  
0-23000-2001  
0-23000-2002  
0-23000-2003  
0-23000-2004  
0-23000-2008  
02-23-1018

## FORKLIFT STARTERS

### STR12808

STARTERS



- 12 VOLT
- 10 TOOTH
- 28MT
- CW
- DELCO
- OSGR
- 4 TERM. SOLENOID
- WET CLUTCH

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1113273
- 10461445
- 10465058
- 10465346
- 10465348
- 10465420
- 10479613
- 0-23000-1840
- 0-23000-2160
- 323-1189
- 323-451

### STR12809



- 12 VOLT
- 10 TOOTH
- 28MT
- CW
- DELCO
- OSGR
- 3 TERM SOLENOID
- WET CLUTCH

#### PART NUMBER INTERCHANGE

#### HYSTER

1335407

#### ALSO REPLACES:

- 223-437
- 1113274
- 1113290
- 10461485
- 10465044
- 10465295
- 0-23000-1850

### STR13501



- 12 VOLT
- 10 TOOTH
- 35MT
- CW
- DELCO
- DIRECT DRIVE
- 315 DEGREE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1113644
- 1113648
- 323-835
- 10461303

## FORKLIFT STARTERS

### STR13502



- 12 VOLT
- 10 TOOTH
- 35MT
- CW
- DELCO
- SAE 1
- DIRECT DRIVE
- OFFSET DE 330°

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1113652

STARTERS

### STR13503



- 12 VOLT
- 10 TOOTH
- 35MT
- CW
- DELCO
- DIRECT DRIVE
- SAE1
- 120°

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1113690  
323-730  
323-835

### STR14000



- 12 VOLT
- 11 TOOTH
- 40MT
- CW
- DELCO
- DIRECT DRIVE
- SAE 3
- 5/8" HOLES

#### PART NUMBER INTERCHANGE

#### CUMMINS

3603863RX

#### ALSO REPLACES:

|         |         |           |
|---------|---------|-----------|
| 1114051 | 1114096 | 1114165   |
| 1114054 | 1114098 | 1114170   |
| 1114055 | 1114099 | 1114172   |
| 1114056 | 1114107 | 1114179   |
| 1114058 | 1114111 | 1114180   |
| 1114064 | 1114115 | 1114185   |
| 1114067 | 1114119 | 1114186   |
| 1114072 | 1114122 | 1114187   |
| 1114073 | 1114126 | 1114188   |
| 1114074 | 1114128 | 1114193   |
| 1114076 | 1114130 | 1114194   |
| 1114078 | 1114133 | 1114700   |
| 1114081 | 1114140 | 1114720   |
| 1114084 | 1114143 | 1114722   |
| 1114086 | 1114145 | 1114723   |
| 1114088 | 1114147 | 1114725   |
| 1114090 | 1114148 | 1114726   |
| 1114091 | 1114150 | 1114741   |
| 1114092 | 1114157 | 1114750   |
| 1114095 | 1114164 | AND MORE! |

## FORKLIFT STARTERS

### STR14114

STARTERS



- 12 VOLT
- 10 TOOTH
- 41MT
- CW
- DELCO
- DIRECT DRIVE
- SAE1
- L/H MOUNT, 3 TERM.

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

1990309  
1993769  
1993867  
1993886  
3913017  
10461003  
10461205  
10461225  
10478831  
323-837  
3675164RX

### STR16033



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW
- W/O "R" TERMINAL

#### PART NUMBER INTERCHANGE

##### HYSTER

3048566      3142307

##### TOYOTA

28100-02120-71    28100-35020  
28100-08020    28100-35020-84  
28100-20550    28100-35040  
28100-20550-71   28100-35040-84  
28100-20551    28100-35060  
28100-20551-71   28100-35060-84  
28100-20552    28100-35140  
28100-20552-71   28100-78153  
28100-20552RF   28100-78153-71  
28100-34050    28100-U2120-71  
28100-34051    28300-U2100  
28100-34052    28300-U2100-71  
28100-34053

#### ALSO REPLACES:

028000-4510    228000-4860  
028000-4511    228000-4861  
028000-4512    228000-7760  
028000-7550    323-591  
028000-9270    336-1367  
128000-0620    336-1428  
128000-0621    336-1568  
128000-0622    337-1090  
128000-0623    9712809-062  
128000-1250  
128000-1251  
128000-1252  
128000-9730  
128000-9740  
228000-4850  
228000-4851

### STR16034



- 24 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 4.5KW

#### PART NUMBER INTERCHANGE

##### HYSTER

3043803

##### TOYOTA

28100-31625  
28100-31625-71  
28100-31625-74  
28100-47090  
28100-47090-C  
28100-47091

#### ALSO REPLACES:

028000-7240  
028000-7241  
028000-7242  
028000-7810  
028000-7811  
028000-7812

## FORKLIFT STARTERS

### STR16035



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

3T5649

##### HYSTER

3004017

##### YALE

2200071-47

#### ALSO REPLACES:

028000-8230  
1109422

### STR16036



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

3T8210

##### HYSTER

3001012

##### YALE

2200071-42

#### ALSO REPLACES:

028000-8380

### STR16037



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- DIRECT DRIVE
- 0.8KW

#### PART NUMBER INTERCHANGE

##### TOYOTA

28100-31020  
28100-31021  
28100-31021-71  
28100-40015

#### ALSO REPLACES:

028000-1010  
028000-1013  
028000-1970  
028000-1971  
028000-1972  
028000-1973  
028000-1975  
028000-1976  
028000-6820  
028000-6821  
028000-6822  
028000-6823  
9702809-682

# FORKLIFT STARTERS

## STR16038

STARTERS



Picture Not Available at this time.

- 24 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 4.5KW
- 31.55MM

### PART NUMBER INTERCHANGE

#### HYSTER

3049006

#### TOYOTA

28100-20560  
28100-20560-71  
28200-20560  
28200-20560-71

#### ALSO REPLACES:

028000-3530  
028000-4560

## STR16039



- 12 VOLT
- 10 TOOTH
- IIF
- CW
- DENSO
- DIRECT DRIVE
- 4.0KW
- RELAY INCLUDED

### PART NUMBER INTERCHANGE

#### CATERPILLAR

7N0933  
9G6941  
9X0353

#### HYSTER

3001015

#### YALE

2200071-45

#### ALSO REPLACES:

028000-6920  
028000-6921

## STR16040



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

### PART NUMBER INTERCHANGE

#### CATERPILLAR

3E5129  
6T7002

#### DAEWOO

D141097

#### HYSTER

3017815

#### ALSO REPLACES:

128000-0590  
128000-0591

## FORKLIFT STARTERS

### STR16041



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 2.0KW

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

3E5130  
6T7003

##### HYSTER

3060174

#### ALSO REPLACES:

128000-1040  
128000-1041

### STR16042



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 2.5KW
- DRY CLUTCH

#### PART NUMBER INTERCHANGE

##### CATERPILLAR

143-0536  
7C2264  
8T8619  
MCF00354

#### ALSO REPLACES:

3971612  
128000-4080  
128000-4081  
128000-4082  
128000-4083  
128000-4084  
228000-3600  
228000-3601  
428000-2160  
428000-2890

### STR16043



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### TOYOTA

28100-20553  
28100-20553-71  
28100-20553-71B  
28100-20553-71RF  
28100-20553-84

#### ALSO REPLACES:

228000-4840  
228000-4841  
228000-4390  
228000-4391  
228000-4392

## FORKLIFT STARTERS

### STR16044

STARTERS



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 2.7KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

8504305

##### YALE

1453060

#### ALSO REPLACES:

228000-6400  
228000-6401  
AS228000-6401

### STR16045



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 2.0KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

894878

#### ALSO REPLACES:

228000-7070  
228000-7071

### STR16046



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### YALE

9112166-00

#### ALSO REPLACES:

228000-1340  
228000-1341



## FORKLIFT STARTERS

### STR16047



- 12 VOLT
- 9 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### HYSTER

2046602

##### ISUZU

8-91432-060-0

##### YALE

9143206  
919967600  
9143206-00  
9143208-00  
YT919967600

#### ALSO REPLACES:

228000-5153  
228000-5450  
228000-5451  
228000-5452

### STR16048



- 12 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 2.5KW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-1420

#### ALSO REPLACES:

128000-9970  
128000-9971  
128000-9972

### STR16049



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 1.4KW

#### PART NUMBER INTERCHANGE

##### DAEWOO

A213980  
D141164  
D141291

#### ALSO REPLACES:

228000-5060  
228000-5061

## FORKLIFT STARTERS

### STR16050

STARTERS



- 24 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 4.5KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-3250

##### ALSO REPLACES:

128000-1010  
128000-1011  
128000-1012

### STR16051



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 2.7KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### HYSTER

1388721

##### YALE

580013353

##### ALSO REPLACES:

228000-7810  
AS228000-7810

### STR16052



- 12 VOLT
- 10 TOOTH
- CW
- DENSO
- OSGR
- 2.0KW

#### PART NUMBER INTERCHANGE

##### DOOSAN

A403535

##### ALSO REPLACES:

## FORKLIFT STARTERS

### STR16053



- 12 VOLT
- 11 TOOTH
- CW
- DENSO
- OSGR
- 1.2KW

#### PART NUMBER INTERCHANGE

##### HYSTER

|         |           |
|---------|-----------|
| 326875  | 3068345   |
| 388040  | 3126282R  |
| 1362069 | 3126282RX |
| 3021367 |           |

##### MAZDA

|              |              |
|--------------|--------------|
| 4893-18-400B | 4893-18-400E |
| 4893-18-400D | FESE-18-400  |

##### YALE

|            |            |
|------------|------------|
| 1500023-05 | 9005408-49 |
| 1500130-50 | 9005408-57 |
| 1500242-13 | 9129786-00 |
| 2200709-79 |            |

#### ALSO REPLACES:

### STR16054



- 12 VOLT
- 9 TOOTH
- 2.0KW
- CW
- DENSO
- OSGR
- 32.5MM

#### PART NUMBER INTERCHANGE

##### HYSTER

323812  
1374083  
1457809  
3001017  
1457809OGR

##### ISUZU

5-81100-086-0

#### ALSO REPLACES:

|               |             |
|---------------|-------------|
| 3675152       | 128000-2880 |
| 10465442      | 128000-2881 |
| 028000-5051   | 128000-4660 |
| 028000-5060   | 128000-4661 |
| 028000-6440   | 228000-1120 |
| 028000-6441   | 228000-1121 |
| 028000-7000   | 228000-1122 |
| 028000-7001   | 228000-4290 |
| 028000-7002   | 228000-4291 |
| 028000-7003   | 228000-4292 |
| 028000-7004   | 228000-4293 |
| 028000-7790   | 323-972     |
| 028000-7791   | 336-1385    |
| 0-986-014-251 | 3675152RX   |
| 0-986-016-071 | 428000-4291 |
| 128000-0020   | 428000-4292 |
| 128000-0021   | 428000-4293 |
| 128000-0022   | 428000-4294 |
| 128000-0960   | 9712809-288 |
| 128000-0961   |             |

### STR17002



- 12 VOLT
- 10 TOOTH
- M127
- CW
- LUCAS
- DIRECT DRIVE
- 2.8KW

#### PART NUMBER INTERCHANGE

##### PERKINS

2873A029  
2873B053  
2873B057  
2873B057R

#### ALSO REPLACES:

IS0629  
11.130.629  
AZJ3203

## FORKLIFT STARTERS

### STR17003

STARTERS



- 12 VOLT
- 10 TOOTH
- M50
- CW
- LUCAS
- DIRECT DRIVE
- 2.8KW

#### PART NUMBER INTERCHANGE

##### MASSEY FERGUSON

3763-362-M91

##### ALSO REPLACES:

11.130.373  
11.130.386  
11.130.419  
11.130.509  
9-000-143-416  
AZJ3105  
AZJ3121  
AZJ3144  
AZJ3598  
IS0509

### STR18501



- 24 VOLT
- 11 TOOTH
- CW
- NIKKO
- OSGR
- 7.5KW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-2412  
600-813-2413  
600-813-2590  
600-813-2411

##### ALSO REPLACES:

### STR18502



- 24 VOLT
- 11 TOOTH
- CW
- NIKKO
- OSGR
- 4.5KW
- WET CLUTCH

#### PART NUMBER INTERCHANGE

##### ISUZU

1-81100-189-0  
1-81100-189-1  
1-81100-189-2  
1-81100-264-0  
1-81100-264-1  
5-81100-156-0

##### ALSO REPLACES:

0-23000-1070 0-21000-3660  
0-23000-1071 0-21000-3661  
0-23000-2340 0-23000-3010  
0-23000-2341 0-21000-3600  
0-23000-2342 0-23000-3000  
0-23000-1030  
0-23000-1031  
0-23000-1032  
0-23000-1033  
0-23000-1110  
0-23000-1111  
02-23-3000  
0-23000-1050  
0-23000-1670  
0-23000-1671  
0-21000-3291

## FORKLIFT STARTERS

### STR18503



- 24 VOLT  
- 12 TOOTH  
- CW

- NIKKO  
- OSGR  
- 7.5KW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-3530  
600-813-3531

##### ALSO REPLACES:

0-23000-6530  
0-23000-6531  
0-23000-6532  
0-23000-6533  
0-23000-6540  
0-23000-6541  
0-23000-6542  
0-23000-6543  
0-23000-6544  
0-23000-6250  
0-23000-6251  
0-23000-6252  
0-23000-6253  
0-23000-6254  
02-23-2027

### STR18504



- 12 VOLT  
- 9 TOOTH  
- CW

- NIKKO  
- OSGR  
- 2.2KW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-1720  
600-813-1721  
600-813-1730  
600-813-1731  
600-813-1732

##### ALSO REPLACES:

### STR18602



- 24 VOLT  
- 12 TOOTH  
- CW

- SAWAFUJI  
- OSGR  
- 11.0KW

#### PART NUMBER INTERCHANGE

##### KOMATSU

600-813-4212

##### ALSO REPLACES:

## FORKLIFT STARTERS

### STR22700U

STARTERS



- 12 VOLT
- 9 TOOTH
- 25MTE
- CCW
- DELCO
- DIRECT DRIVE
- BULLET NOSE

#### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

#### ALSO REPLACES:

- 1107502
- 1107548
- 1108199
- 1108200

### STR26000



- 12 VOLT
- 9 TOOTH
- MDU
- CW
- PRESTOLITE
- DIRECT DRIVE
- SEALED CB PLATE
- W/ SOLENOID

#### PART NUMBER INTERCHANGE

##### HYSTER

- 3003783
- 3042324

##### YALE

- 150035700

#### ALSO REPLACES:

- MDT7024
- MDT7025
- MDT7017
- MDT7018

### STR26001



- 12 VOLT
- 9 TOOTH
- MDY
- CW
- PRESTOLITE
- DIRECT DRIVE
- W/ SOLENOID

#### PART NUMBER INTERCHANGE

##### CHRYSLER

- 2095456
- 3755980

#### ALSO REPLACES:

- MHA6101
- MHA6101S
- MHA6106
- MHA6106S
- MHA7014
- MHA7014A

# FORKLIFT STARTERS

## STR26002



- 12 VOLT
- 9 TOOTH
- MDL
- CW
- PRESTOLITE
- DIRECT DRIVE
- W/ SOLENOID

### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

### ALSO REPLACES:

- 46-77
- 46-2200
- MBG4107
- MBG4107A
- MBG4107B

STARTERS

## STR26003



- 6 VOLT
- 9 TOOTH
- MDL
- CW
- PRESTOLITE
- DIRECT DRIVE
- W/ SOLENOID

### PART NUMBER INTERCHANGE

FITS VARIOUS LEGACY FORKLIFT UNITS. PLEASE CONTACT OUR PRODUCTS SUPPORT STAFF FOR MORE INFORMATION.

### ALSO REPLACES:

- 46-157
- 46-761
- 46-2209
- MZ4166T
- MZ4166
- MZ4149
- MZ4149A
- MZ4166S

## STR26004



- 12 VOLT
- 9 TOOTH
- MDT
- CW
- PRESTOLITE
- DIRECT DRIVE

### PART NUMBER INTERCHANGE

#### HYSTER

3003786

#### YALE

2200521-05  
5099304-00

### ALSO REPLACES:

## FORKLIFT STARTERS

### STR26005

STARTERS



- 12 VOLT
- 9 TOOTH
- 10MT
- CW
- DELCO
- DIRECT DRIVE
- HIGH TORQUE
- CONVERSION UNIT

#### PART NUMBER INTERCHANGE

##### CHRYSLER

1941119

##### EATON

802300

##### HYSTER

3003779

##### YALE

5099304

#### ALSO REPLACES:

10461709  
MDT6013  
MDT6013A  
MDT6021  
MDT6023  
MDT6023T

### STR26006



- 12 VOLT
- 9 TOOTH
- MDT
- CW
- PRESTOLITE
- DIRECT DRIVE
- W/ SOLENOID

#### PART NUMBER INTERCHANGE

##### YALE

599904-00

#### ALSO REPLACES:

MDT6012  
MDT6012C  
MDT6012BT



## FORKLIFT STARTERS

# ULTRA TORQUE STARTERS

Do you have a hard starting forklift and your current starter is just not up to the job of cranking that motor sufficiently? Romaine has a solution with our **ULTRA TORQUE** replacement starters. These units replace many popular numbers and they provide up to 200ft/lbs. of torque. See the notes next to your starter in the application guide to see if there is an ultra torque option available!



UT STARTERS

### STR3567



**12 VOLT, 1.4 KW, 11 TOOTH, CW, DENSO, OSGR CONVERSION**

NISSAN & TCM  
GAS & LPG ENGINES, 1975-On

**REPLACES:**  
STR10323 / MITSUBISHI 8T  
STR3567 / MITSUBISHI 9T

### STR10307GR



**12 VOLT, 1.4 KW, 11 TOOTH, CW, DENSO, OSGR CONVERSION**

EATON, HYSTER, SUMITOMO YALE,  
TCM & YALE  
WITH MAZDA ENGINES, 1980-On

**REPLACES:**  
STR10307 / DIRECT DRIVE,  
11 TOOTH  
STR10309 / DIRECT DRIVE, 8 TOOTH  
STR10314 / PMGR, 8 TOOTH

### STR7002



**12 VOLT, 1.2 KW, 11 TOOTH, CW, DENSO, OSGR CONVERSION**

CATERPILLAR, CLARK & MITSUBISHI  
WITH MITSUBISHI ENGINES, 1979-On

**REPLACES:**  
STR10312 / MITSUBISHI 10T  
STR10311 / MITSUBISHI 11T





## Limited Warranty

Ultra-Power warrants all products sold by Ultra-Power to be free of **defects** in material and **workmanship** for a period of 12 months from the date of sale to the end user. Any claim against this warranty **must be accompanied by a copy of the original sales invoice**. Without a copy of the sales invoice, no warranty will be issued. Additions and deletions to this warranty are as described below:

Unit replacement under this warranty extends to the applications under normal use and does not apply to **deliberate abuse, broken drive gears, submersion, improper installation, damaged housing, careless handling, burnt fields, burnt armatures, tampering, or disassembly**. **These circumstances will result in NO WARRANTY ISSUED**. Defective units must be returned to the distributor where the unit was purchased, within the twelve month warranty period, for inspection and warranty consideration. Upon inspection, units with NFF (no fault found) will be shipped back to the customer freight collect.

This warranty is expressly in lieu of all other obligations or liabilities. Ultra-Power neither assumes nor authorizes any other person or company to assume for it any other liability in connection with the sale of its products or merchandise.



