

# REPLACEMENT INBOARD STARTERS



The Leader in Marine Electrical Parts.



## TECH TIP *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

### 30119

**HEAVY-DUTY**  
**FITS: MERCUISER, O.M.C., VOLVO PENTA, ETC.**  
 w/standard solenoid  
 12 Volt, **CW Rotation**



★ **NEW H/D REPLACEMENT AVAILABLE!**  
 CW Rotation: Order #30460

### SW975

Replacement solenoid

### 30124

**HEAVY-DUTY**  
**FITS: MERCUISER, O.M.C. COBRA, YAMAHA, VOLVO PENTA**  
 w/metric solenoid  
 12 Volt, **CW Rotation**



★ **NEW H/D REPLACEMENT AVAILABLE!**  
 CW Rotation: Order #30460

### SW984

Replacement solenoid

### 30433 (NEW)

**VALUE PRICED!**  
**STANDARD DUTY**  
**Direct O.E.M. replacement gear reduction starter.**  
**FITS: ALL GM ENGINES**  
 with 14" flywheel using a staggered bolt pattern.  
 Recommended for late model 3.0 Liter with 14" flywheel using tail bracket.



Can also be used in place of 10MT with two long bolt staggered pattern or 30470! Mounting bolt kit MBK450 required if replacing 10MT  
 \*Mounting bolt kit MBK450 required if replacing 10MT.

**SW463** Replacement Solenoid

### 30456 (NEW)

**HIGH-PERFORMANCE**  
**FITS: MERCUISER, CRUSADER, MARINE POWER, PLEASURECRAFT, AND OTHERS.**  
 14MT, **CW Rotation**

Will also replace  
 30120



**30457 (NEW)**  
**HIGH-PERFORMANCE**  
**FITS: MERCUISER, CRUSADER, MARINE POWER, PLEASURECRAFT, AND OTHERS.**  
 14MT, **CCW Rotation**



Replaces this 10 MT style starter

### DV456

**CW Rotation Replacement Drive**  
**Fits: Delco 14 MT, ARCO 30456 starter**



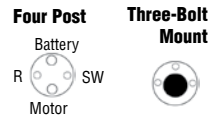
### DV457

**CCW Rotation Replacement Drive**  
**Replaces: Mercury 850402**  
**Fits: Delco 14 MT, ARCO 30457 starter**



### SW456

14 MT Replacement Solenoid  
 4 Post, 3-Bolt Mount



**CATCH US ON THE WEB AT:**  
**www.arcomarine.com**





The Leader in Marine Electrical Parts.

# REPLACEMENT INBOARD STARTERS



## TECH TIP *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

### 30459 (NEW) HIGH-PERFORMANCE FITS: MERCUISER, CRUSADER, MARINE POWER, AND OTHERS.

Light weight and compact;  
permanent magnet gear reduction.  
**CCW Rotation**



**SW463** Replacement Solenoid

### 30462 (NEW)

**FITS: 6.0L GM  
ENGINES**  
Permanent magnet  
gear reduction starter  
with two long bolt  
slight offset bolt pattern



**SW463** Replacement Solenoid

### 30460 (NEW) HIGH-PERFORMANCE Permanent magnet gear reduction starter FITS: MERCUISER, COBRA, YAMAHA, VOLVO PENTA CW Rotation 12 3/4" flywheel



Includes  
Mounting  
Bolts & Gasket



Replaces this  
10 MT style  
starter

**30460** Will Replace all CW Rotating 10MT Starters with One Long and One Short Bolt Straight Across Pattern.

### 30470 (NEW) HIGH-PERFORMANCE Permanent magnet gear reduction starter FITS: VOLVO PENTA, MERCUISER, MARINE POWER, ETC. Two long bolt staggered pattern 14" flywheel, CW Rotation Will also replace 9-tooth OEM version.



**30470** Will Replace all CW Rotating 10MT Starters with Two Long Bolt Staggered Pattern. DOES NOT include mounting bolt kit - See below.



Replaces this  
10 MT style  
starter

### DV460

Replacement 9 tooth drive gear  
fits ARCO 30460 only!



### SW450

Replacement solenoid  
For ARCO 30460 & 30470 only!  
Does not include  
plunger; see below.  
Order plungers separately.



### PA450S

1 3/4" Plunger for ARCO SW450



### PA450L

2 1/4" Plunger for ARCO SW450



### MBK450

MOUNTING BOLT KIT REQUIRED  
if replacing 10MT style starters.



### DV450

Replacement 11-tooth drive gear



### SW450

Replacement solenoid  
For ARCO 30460, & 30470 only!  
Does not include plunger; see below.  
Order plungers separately.



### PA450S

1 3/4" Plunger for ARCO SW450



### PA450L

2 1/4" Plunger for ARCO SW450



© ARCO STARTING & CHARGING SPECIALISTS

Toll Free 800-722-2720 • Phone 850-455-5476 • Fax 850-453-2630 • www.arcomarine.com

# REPLACEMENT INBOARD STARTERS



The Leader in Marine Electrical Parts.



**TECH TIP** *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

## 50109

**HEAVY-DUTY**

**FITS: CHRYSLER**

318 Marine V8

**Two-bolt mount,**

**1 threaded hole**

12 Volt, **CW rotation**



## 50110

12 Volt, **CCW Rotation**

## 50134

**HEAVY-DUTY**

**FITS: CHRIS CRAFT, HARMAN MARINE**

**Three-bolt mount** (two 3/8"

holes, one 5/16"

threaded hole) 12 Volt,

**CW Rotation**



## 50135

12 Volt, **CCW rotation**

## 50137

**HEAVY-DUTY**

**FITS: CHRIS CRAFT AND OTHERS**

**Three-bolt mount**, (two 3/8"

holes, one 5/16"

threaded hole)

12 Volt, **CW Rotation**



## 50138

12 Volt, **CCW rotation**

## 50141

**HEAVY-DUTY**

12 Volt, **CCW rotation**



## 50142

**HEAVY-DUTY**

**FITS: CHRIS CRAFT,**

**VOLVO PENTA V8**

**Two-bolt mount**

12 Volt, **CW rotation**

## 50143

**HEAVY-DUTY**

**FITS: MERCUISER 470**

Threaded mounting

stud in case

12 Volt, **CW rotation**



## 50160

**HEAVY-DUTY**

**FITS: CHRIS CRAFT**

**Three-bolt housing**

12 Volt, **CW rotation**



## 50161

**HEAVY-DUTY**

**FITS: CHRIS CRAFT**

12 Volt, **CCW rotation**



The Leader in Marine Electrical Parts.

# REPLACEMENT INBOARD STARTERS



## TECH TIP *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

### 50169

**HEAVY-DUTY**  
**FITS: MERCURISER**  
**888, 302, 351 FORDS**  
**Two-bolt mount**  
**12 Volt, CW rotation**



### 70108

**FITS: 460 FORDS**  
**Heavy Duty**  
**12 Volt, CW rotation**



To be discontinued when present stock is exhausted.

### 70106

**FITS: CRUSADER AND OTHERS W/FORD ENGINES**  
**Nose extends 2" into flywheel**  
**Two-bolt mount**  
**12 Volt, CW rotation**  
**Side battery terminal**



### SW394

Replacement solenoid

To be discontinued when present stock is exhausted.

### 70117

**FITS: MANY LATE MODEL FORDS**  
**Mod II style;**  
**4 1/2" diameter case**  
**Nose extends 2 3/8" into flywheel**  
**Two-bolt mount**  
**12 Volt, CW rotation**  
**Rear battery terminal**



To be discontinued when present stock is exhausted.

SW394 Replacement solenoid

## Electrical Technical Manual

*Published by Mechanics for Mechanics*

### TM001

Electrical Technical Manual

**Order Your Copy Today!**



### 70125 (NEW)

**Permanent magnet**  
**Gear-reduction starter**  
**FITS: MANY LATE MODEL**  
**5.0L, 5.8L FORDS**  
**12 Volt, CW rotation**



### SW125

Replacement solenoid



© ARCO STARTING & CHARGING SPECIALISTS

Toll Free 800-722-2720 · Phone 850-455-5476 · Fax 850-453-2630 · www.arcomarine.com

# REPLACEMENT INBOARD STARTERS



The Leader in Marine Electrical Parts.



**TECH TIP** *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

**70200** (NEW)  
HIGH PERFORMANCE  
Permanent magnet  
Gear-reduction starter  
FITS: 302, 351 FORDS  
12 Volt, CW rotation  
Kit includes wiring harness  
to replace conventional starter.



**70201** (NEW)  
HIGH PERFORMANCE  
CCW ROTATION  
Same as above except CCW rotation.



Will also replace  
conventional style starter

**SW125** Replacement solenoid

**70212** (NEW)  
HIGH PERFORMANCE  
Permanent magnet  
Gear-reduction starter  
FITS: 460 FORD ENGINES  
Replaces: O.M.C. 988013  
12 Volt, CW rotation  
Two-bolt mount with 3/8" x 18  
threaded mounting ear.  
Kit includes wiring harness  
to replace conventional starter.



Will also replace  
conventional style starter

**SW125** Replacement solenoid

**70216** (NEW)  
HIGH PERFORMANCE  
Permanent magnet  
Gear-reduction starter  
FITS: 2.3L FORD ENGINES  
Replaces: O.M.C. 988012  
12 Volt, CW rotation  
Three-bolt mount.  
Kit includes wiring harness  
to replace conventional starter.



**SW125** Replacement solenoid



Will also replace  
conventional style starter

**90105** (NEW)  
FITS: RENAULT & MERCUISER  
70, 80, 90 series, PARIS RHONE  
Three-bolt mount  
12 Volt, CW rotation



**90110** (NEW)  
FITS: BUKH & RUGGERINI  
DV8, RD80, 180,  
181, RF140 series  
Replaces: PARIS  
RHONE D9E50  
Two-bolt mount  
12 Volt,  
CCW rotation





The Leader in Marine Electrical Parts.

# REPLACEMENT INBOARD STARTERS



## TECH TIP *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

### 90120 (NEW)

FITS: PERKINS, RENAULT MARINE, VOLVO PENTA

Replaces: PARIS RHONE

D11E119T

Three-bolt mount

12 Volt,

CW rotation



### SW814

Replacement solenoid

### 97225 (NEW)

Gear-reduction starter

FITS: VOLVO PENTA TMD40, TMD41, KAD42 and others.

Replaces: PARIS RHONE/VALEO

D9R116, D9R144,

Three-bolt mount, 12 Volt, CW rotation



SW225 Replacement solenoid

DV225 Replacement drive gear

### 90125 (NEW)

24 Volt, CW rotation

FITS: PERKINS, RENAULT MARINE, VOLVO PENTA

Replaces: PARIS RHONE

D11E122T

Three-bolt mount



### 97308 (NEW)

Bosch Style Starter

Fits: TAMD120A, TAMD120B, VOLVO PENTA

24 Volt, 11-Tooth Drive Gear

CW rotation



To be discontinued when present stock is exhausted.

### 95949 (NEW)

FITS: RENAULT MARINE, VOLVO PENTA

Replaces: PARIS RHONE

D11E126, D11E156

Three-bolt mount

12 Volt, CW rotation



### SW814

Replacement solenoid

### 98170

Lucas M45G starter

FITS: PERKINS 4-108VA

propulsion

13-tooth drive gear

12 volt, CW rotation



### 98175

Mitsubishi gear

reduction starter

FITS: WESTERBEKE

9-tooth drive gear

12 volt, CW rotation



© ARCO STARTING & CHARGING SPECIALISTS

Toll Free 800-722-2720 · Phone 850-455-5476 · Fax 850-453-2630 · www.arcomarine.com

# REPLACEMENT INBOARD STARTERS



The Leader in Marine Electrical Parts.



## TECH TIP *Rust, Corrosion or Submersions are NOT COVERED BY WARRANTY*

ARCO treats every component with special rust and corrosion resistant coatings to prevent water damage. However, it is impossible to protect the unit from direct contact with water. Therefore, a failure directly caused by rust, corrosion or submersion is not covered by warranty.

### 98180 (NEW)

#### FITS: YANMAR

GM, GM2, GM3,  
GM10, GM20/2-20F,  
GM30, GMF, 1GM,  
2GM, 3GM

Replaces: HITACHI S114-303,  
S114-303A



### 12200

#### FITS: MANY MID-SIZE PERKINS DIESELS

4 cyl

10-tooth drive gear  
12 Volt, CW rotation



### 98185 (NEW)

#### FITS: YANMAR

4JH, QM20,  
2QM20, & 2T engines

Replaces: HITACHI S114-483,  
S114-815



### 12202

#### FITS: MANY MID SIZE PERKINS DIESELS

12-tooth drive gear  
12 Volt, CW rotation



### 10113 (NEW)

#### Gear-reduction starter

#### FITS: VOLVO PENTA

4 cyl, 6 cyl gas  
Aluminum pinion housing  
w/2 threaded mounting holes

Permanent magnet,  
12 volt, CW rotation



### 12205

#### FITS: CUMMINS

MARINE 6.9L,  
PENINSULAR 6.2L,  
379T, ETC.

10-tooth drive gear  
12 Volt, CW rotation



### 12100

#### FITS: MANY SMALL PERKINS DIESELS

10-tooth gear  
12 Volt, CW rotation



### 12206

12 Volt, CCW rotation

### 12213 (NEW)

FITS: CUMMINS 6BT,  
PENINSULAR,  
6.2L DIESEL, ETC.

10-tooth drive gear  
12 Volt, CW rotation

