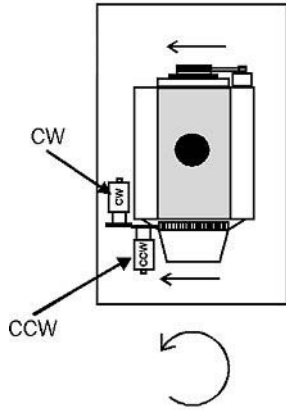
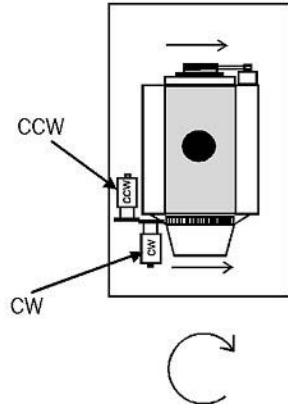


## How To Determine the Correct Inboard Starter Rotation



### Left Hand Engine Rotation

This is the most common engine rotation found on today's marine engines. This is the same rotation as Automotive engines. Use these Charts to determine the correct starter rotation needed.

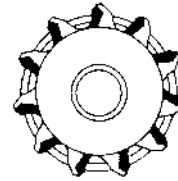


### Right Hand Engine Rotation

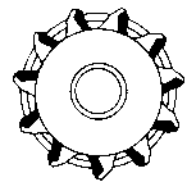
This is not very common on today's marine engines. This is the opposite rotation of automotive engines.

### Engine Rotation Viewed from the Flywheel End

Another way to determine the starter rotation is to inspect the chamfer on the starter drive gear. The Bevel will always be on the trailing edge.



Clockwise Rotation



Counter Clockwise Rotation



## Inboard Starters



Mercuriser and O.M.C. with 4-cyl. and 6-cyl. engines with threaded stud in case  
Standard solenoid  
**30118** (Remanufactured)  
12 Volt, CW rotation  
**SW975** Replacement solenoid

ORDER NO.	DESCRIPTION	PRICE
ARC 30118	Starter	\$155.95
ARC SW975	Solenoid	\$28.95



Mercuriser, O.M.C., and Volvo Penta with V8 engines using standard solenoid heavy duty  
**30119** (Remanufactured)  
12 Volt, CW Rotation  
**SW975** Replacement Solenoid

ORDER NO.	DESCRIPTION	PRICE
ARC 30119	Starter	\$155.95
ARC SW975	Solenoid	\$28.95



Chrysler Marine V8 engines two bolt mount,  
One threaded hole heavy duty  
**50109** (Remanufactured) 12 Volt, CW rotation

ORDER NO.	DESCRIPTION	PRICE
ARC 50109	Starter	\$245.95



Mercuriser 888, 302 and 351 Ford engines  
2 bolt mount  
**50169** (Remanufactured) 12 Volt, CW rotation  
Replaces Mercury No. 50-69865

ORDER NO.	PRICE
ARC 50169	\$237.95



Chris Craft and Volvo Penta with V8 engines  
Replaces Volvo Penta No. 834893 aluminum pinion housing two bolt mount heavy duty  
**50141** (Remanufactured) 12 Volt, CCW rotation

ORDER NO.	DESCRIPTION	PRICE
ARC 50141	Starter	\$268.95



Mercuriser 470 threaded mounting stud in case  
**50143** (Remanufactured) 12 Volt, CW rotation  
Replaces Mercury No. 50-72550

ORDER NO.	PRICE
ARC 50143	\$268.95