

SEI06™ Application Guide

MerCruiser

- Replaces most Mercruiser® Sterndrives from 120-260 HP 1967-1990.
- Your Mercruiser® Sterndrive must have trim and tilt to be able to use our replacement drive.
- 13 splines on lower unit driveshaft.
- Ships in two boxes.
- Does not include Complete Install Kit or Anode Kit. Please see page 02.
- To determine if you have a counter rotation unit on your twin engine boat, it is easiest to look at the props. If the props are identical orientation, then they are both standards. If the prop blades are opposite, then the port should be a counter rotation.
- Please refer to the model chart below to find your proper Mercruiser® Sterndrive replacement.

These are typical applications. It is best to confirm your ratio by counting the teeth in the upper gears. Although great care was taken in the creation of this guide, SEI cannot guarantee its accuracy.

Model	Year Range	Serial Range	Notes See Right	Upper	Lower Std. Rotation	Lower Counter Rotation
120/140	1967-1969	2062141-2791956	1,2,3,4,5,6	90-104-01A	See #1 Right	See #1 Right
120/140	1970-1982	2791957-6225576	2,4,5,6	90-104-01A	90-106-02	90-108-02
160	1967-1969	2065190-2763441	1,2,3,4,5,6	90-104-01C	See #1 Right	See #1 Right
165	1970-1981	2763442 and up	2,4,5,6	90-104-01C	90-106-02	90-108-02
225-S	1974	3856268-4200499	4,5,6	90-106-01D	90-106-02	90-108-02
223	1975-1977	4200500	4,5,6	90-106-01D	90-106-02	90-108-02
250	1977	4791300-4898729	4,5,6	90-106-01D	90-106-02	90-108-02
260	1978-1982	4898730-6225576	4,5,6	90-106-01D	90-106-02	90-108-02
470	1976-1982	4208730-6225576	2,4,5,6	90-104-01B	90-106-02	90-108-02
485	1980-1982	4893835 and up	2,4,5,6	90-104-01B	90-106-02	90-108-02
888	1971-1977	3106717 and up	4,5,6	90-106-01D	90-106-02	90-108-02
898/228	1977-1982	4782330-622576	4,5,6	90-106-01D	90-106-02	90-108-02
R/MR/Alpha One	1983-1990	6225577-OD469858	6,7	See Chart On Pg 05	See Chart On Pg 05	

- 1 ■ Unit has an 8 spline driveshaft on the lower unit. If your unit is original, you need to purchase a complete.
- 2 ■ Unit has a short yoke on the upper driveshaft. We refer to this as the “Old Style”. This applies to all inline 4-cylinder and inline 6-cylinder engines up to and including 1982.
- 3 ■ Unit must have trim and tilt for our replacement to work. If it has two trim hoses going to each cylinder, it has trim and tilt.
- 4 ■ Unit has an eyelet on top cover. Replacement unit utilizes the new style flat top.
- 5 ■ Unit has a round cavitation plate on lower unit. Replacement unit utilizes the newer squared off style.
- 6 ■ Unit may have an O-Ring and/or a preload pin on lower unit driveshaft. The replacement will not.
- 7 ■ Gear ratio must be confirmed. Chart below represents typical applications, however, there is no guarantee it is correct. To be safe, it is best to remove the top cover and count the teeth on the upper gears.

Horsepower	Gear Ratio	Tooth Count	Upper	Lower Std. Rotation	Lower Counter Rotation
120/140	1.98/1.94	20/24	90-106-01A	90-106-02	90-108-02
170	1.84/1.81	17/19	90-106-01B	90-106-02	90-108-02
160/165	1.65/1.62	24/24	90-106-01C	90-106-02	90-108-02
185/190	1.84/1.81	17/19	90-106-01B	90-106-02	90-108-02
200	1.65/1.62	24/24	90-106-01C	90-106-02	90-108-02
230/260	1.50/1.47	20/22	90-106-01D	90-106-02	90-108-02
330	1.32*/1.29*	20/16	See Note Below	See Note Below	See Note Below

*We do not make this gear ratio. You could substitute a 1.47 ratio, but it would not be covered under our 3 year warranty as it is over our 300 HP limit.