E.Z. Steer MarineTech Products, Inc. 651.486.2010 1760 Buerkle Circle White Bear Lake, MN 55110 651.486.2010



Auxiliary Outboard Steering Kits

Steer your auxiliary outboard motor from your main unit's steering wheel

Product Catalog

The E.Z. Steer system is a patented self-adjusting rod which steers the auxiliary outboard motor from the main wheel. The rod will self-adjust by using the built-in turn stops on the engines. When both engines are in the down running position and straight ahead, the rod will be at its shortest measurement. With the auxiliary motor in the raised position, the rod will extend the first time the main unit is turned away. Then as the main unit turns back and forth, the auxiliary unit will follow the main unit. When the auxiliary engine is lowered, the rod will shorten the first time the main unit is turned towards it. Again, the auxiliary will follow the main unit back and forth.

All brackets are made of stainless steel and powder-coated to prevent scratching engines. Quick connectors are brass with stainless steel balls and spring. Since the rod is so simple to connect and disconnect, with the fingertip connectors, it is suggested that if the boat is being trailered or left unattended, that the rod be removed to prevent theft.

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PRICING

Self-Adjusting Steering Rod

STEERING ROD: The rod consists of two stainless steel tubes. To assemble, simply insert the inner, grooved tube, into the outer, smooth tube with a twisting motion. Extend or contract the rod to approximate length. Attach one end of the rod to the main unit bracket pushing the quick connector's moveable collar down, inserting the end of the ball joint into the quick connector, and releasing the collar. The end should now be held securely in place. Repeat for other end. Reverse the order to remove the rod. Now check for tension. **The rod is pre-set to approximately 20# of pres**-



sure and should adjust to compensate for this position. Do not oil or grease the rod, as it will gum up the détentes and cause damage to the inner rod.

ROD SIZES AVAILABLE FOR C-C* MEASUREMENTS

ORDER #	C-C	DESC.	ORDER #	C-C	DESC.
10001	19″-22″	SHORT	10004	27″-28″	MEDIUM
10002	23″-26″	STANDARD	10005	39 ″+	X-LONG
10003	29″-33″	LONG	10006	34″-38″	ULTRA

DÉTENTE SYSTEM ADJUSTMENT

The détente system is factory set for <u>18-20#</u> of pressure. Follow the reset steps only if the rod needs to be re-adjusted. To adjust the tension, make sure the détente pins are in a groove of the inner rod. Tighten the allen screws (under the white caps) until they are snug. Observe the position of the allen wrench, and then back off the allen screws by about 2 turns. To increase the tension, tighten the screws by 1/8 turn increments. To decrease the tension, loosen the screws by 1/8 turn increments. The pins must be set equally for proper adjustability. DO NOT OVER

TIGHTEN AS IT WILL DAMAGE THE E.Z. STEER BRACKETS.

* C-C MEANS CENTER TO CENTER IN DOWN POSITION.

RESTRICTOR CORD NEEDED ON SOME 4-STROKE APPLICATIONS:

If the auxiliary is being tipped up and after off setting the E.Z. Steer bracket towards the main engine, you are still having a problem of it locking over away from the main engine, you will need a restrictor cord. Contact customer service.







OMC Bracket Assembly consists of:

- 1. 20100 Bracket only
- 2. 13200 Quick Connector
- 3. 20350 Edge Clamp (will need 2)
- 4. 20400 Hardware

If C-C = 23"-26"	Order Kit #: 20002
If C-C = 27"-28"	Order Kit #: 20004
lf C-C = 29"-33"	Order Kit #: 20003
lf C-C = 34"-38"	Order Kit #: 20006
If C-C = 39"-44"	Order Kit #: 20005

Standard OMC kit consists of:

- 1. Bracket Assembly #20010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

OMC Swimplatform kit consists of:

- 1. Bracket assembly #21010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)







Long Rod Assembly Catalog # 10003





Cobra Swimplatform kit consists of:

- 1. Bracket assembly #23010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)

Questions call: 1 800 634-7838

Cobra Bracket Assembly consists of:

1. 22100 Bracket only

- 2. 13200 Quick Connector
- 3. 20400 Hardware

lf C-C = 23"-26"	Order Kit #: 22002
lf C-C = 27"-28"	Order Kit #: 22004
lf C-C = 29"-33"	Order Kit #: 22003
If C-C = 34"-38"	Order Kit #: 22006
lf C-C = 39"-44"	Order Kit #: 22005

Standard Cobra kit consists of:

- 1. Bracket Assembly #22010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

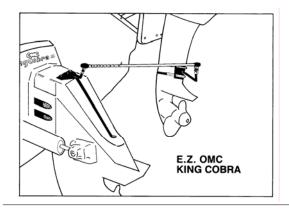


If C-C = 29-33" Order Kit #: 23003



Long Rod Assembly Catalog # 10003





King Cobra Bracket Assembly

1. 24100 Bracket only

- 2. 13200 Quick Connector
- 3. 24400 Hardware

lf C-C = 23"-26"	Order Kit #: 24002
lf C-C = 27"-28"	Order Kit #: 24004
lf C-C = 29"-33"	Order Kit #: 24003
lf C-C = 34"-38"	Order Kit #: 24006
If C-C = 39"-44"	Order Kit #: 24005

King Cobra kit consists of:

- 1. Bracket Assembly #24010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

King Cobra Swim Platform kit consists of:

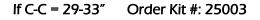
- 1. Bracket assembly #25010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)

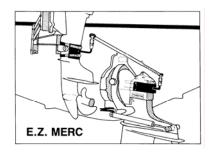






Long Rod Assembly Catalog # 10003





MerCruiser Alpha I Bracket Assembly Minimum C-C required 23"

- 1. 30100 Bracket only
- 2. 13200 Quick Connector

If C-C = 23"-26"	Order Kit #: 30002
lf C-C = 27"-28"	Order Kit #: 30004
lf C-C = 29"-33"	Order Kit #: 30003
If C-C = 34"-38"	Order Kit #: 30006
lf C-C = 39"-44"	Order Kit #: 30005

Alpha I kit consists of:

- 1. Bracket Assembly #30010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

Alpha I Swim Platform kit consists of:

- 1. Bracket assembly #30010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

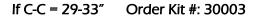
If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.

USE THE STANDARD ALPHA I BRACKET, HOWEVER, TURN THE QUICK CONNECTOR DOWN.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)







Long Rod Assembly Catalog # 10003





MerCruiser Alpha I 2nd Generation Bracket Assembly

- 1. 37100 Bracket only
- 2. 13200 Quick Connector
- 3. 37300 Adaptor Clip Assembly Adaptor Clip Assembly consists of:
- 1. 37350 Left Clip
- 2. 37360 Right Clip
- 3. 35400 Hardware Pack

If C-C = 23"-26"	Order Kit #: 37002
If C-C = 27"-28"	Order Kit #: 37004
lf C-C = 29"-33"	Order Kit #: 37003
If C-C = 34"-38"	Order Kit #: 37006
If C-C = 39"-44"	Order Kit #: 37005

Alpha I 2nd Generation kit consists of:

- 1. Bracket Assembly #37010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

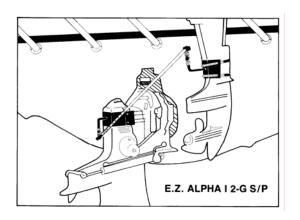
Alpha I 2nd Generation Swim Platform kit consists of:

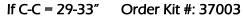
- 1. Bracket assembly #37010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)







Long Rod Assembly Catalog # 10003





MerCruiser Bravo Bracket Assembly

- 1. 35100 Bracket only
- 2. 13200 Quick Connector
- 3. 35300 Adaptor Clip Assembly Adaptor Clip Assembly consists of
- 1. 35350 Left Clip
- 35360 Right Clip
 35400 Hardware Pack

If C-C = 23"-26"	Order Kit #: 35002
lf C-C = 27"-28"	Order Kit #: 35004
lf C-C = 29"-33"	Order Kit #: 35003
If C-C = 34"-38"	Order Kit #: 35006
If C-C = 39"-44"	Order Kit #: 35005

Bravo kit consists of:

- 1. Bracket Assembly #35010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

BRAVO

Swim Platform kit consists of:

- 1. Bracket assembly #35010 point quick connector down for clearance
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)



If C-C = 29-33" Order Kit #: 35003



Catalog # 10003





Volvo I (Pre-1989) Bracket Assembly

- 1. 40100 Bracket only
- 2. 13200 Quick Connector
- 3. 18020 Bands

If C-C = 23"-26"	Order Kit #: 40002
If C-C = 27"-28"	Order Kit #: 40004
If C-C = 29"-33"	Order Kit #: 40003
If C-C = 34"-38"	Order Kit #: 40006
If C-C = 39"-44"	Order Kit #: 40005

Volvo I kit consists of:

- 1. Bracket Assembly #40010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

Volvo I Swim Platform kit consists of:

- 1. Bracket assembly #41010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50020 (S/P models also uses 50020)







Long Rod Assembly Catalog # 10003





Volvo II Bracket Assembly

- 1. 42100 Bracket only
- 2. 13200 Quick Connector
- 3. 18020 Bands

If C-C = 23"-26"	Order Kit #: 42002
If C-C = 27"-28"	Order Kit #: 42004
If C-C = 29"-33"	Order Kit #: 42003
If C-C = 34"-38"	Order Kit #: 42006
If C-C = 39"-44"	Order Kit #: 42005

Volvo II kit consists of:

- 1. Bracket Assembly #42010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

Volvo II Swim Platform kit consists of:

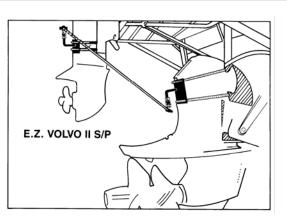
- 1. Bracket assembly #43010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50020 (S/P models also uses 50020)

Questions call: 1 800 634-7838



If C-C = 29-33" Order Kit #: 43003



Catalog # 10003





Volvo SX Bracket Assembly

- 44100 Bracket only
 13200 Quick Connector
- 3. 44300 Adaptor Clip Assembly Adaptor Clip Assembly consists of:
- 44350 Left Clip 1.
- 2. 44360 Right Clip
- 3. 35400 Hardware Pack

If C-C = 23"-26"	Order Kit #: 44002
If C-C = 27"-28"	Order Kit #: 44004
If C-C = 29"-33"	Order Kit #: 44003
If C-C = 34"-38"	Order Kit #: 44006
If C-C = 39"-44"	Order Kit #: 44005

Volvo SX kit consists of:

- 1. Bracket Assembly #44010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

Volvo SX Swim Platform kit consists of:

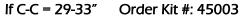
- 1. Bracket assembly #45010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10003

If the center to center distance between the housing of the engines exceeds 33" see Rod section for



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)







Long Rod Assembly Catalog # 10003





Volvo Ocean Series XDP Bracket Assembly

- 1. 46100 Bracket only
- 2. 13200 Quick Connector
- 3. 46300 Front Plate
- 4. 20400 Hardware

If C-C = 23"-26"	Order Kit #: 46002
If C-C = 27"-28"	Order Kit #: 46004
If C-C = 29"-33"	Order Kit #: 46003
If C-C = 34"-38"	Order Kit #: 46006
If C-C = 39"-44"	Order Kit #: 46005

Volvo XDP kit consists of:

- 1. Bracket Assembly #46010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

If the center to center distance between the housing of the engines exceeds 33" see Rod section for longer rod options.





Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010 (S/P models use 50020)





Long Rod Assembly Catalog # 10003





Sailboat Bracket Assembly

- 70100 Bracket only
 13200 Quick Connector
- 3. 70300 Back Plate
- 4. 20400 Hardware

If C-C = 19"-22"	Order Kit #: 70001
If C-C = 23"-26"	Order Kit #: 70002
If C-C = 27"-28"	Order Kit #: 70004
If C-C = 29"-33"	Order Kit #: 70003
If C-C = 34"-38"	Order Kit #: 70006
If C-C = 39"-44"	Order Kit #: 70005

Sailboat kit consists of:

- 1. Bracket Assembly #70010
- 2. Auxiliary Assembly #50020
- 3. Rod Assembly #10001

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.

Hunter Wheel Steering kit consists of: Bracket assembly # 74010 Auxiliary Assembly #50030 Rod Assembly # Varies

The center to center distance between the housing of the auxiliary and the tiller post is needed in this application with the auxiliary in the tipped up position.



Other kits available: Rhodes, Penyan, and any tip up style rudder application. Contact customer service for specific catalog numbers as each application is different. Please have the distance between the rudder casing (or rudder if no casing) when both the auxiliary and rudder are in the down position.





Dominator Jet

If C-C = 23"-26"	Order Kit #: 77002
lf C-C = 27"-28"	Order Kit #: 77004
lf C-C = 29"-33"	Order Kit #: 77003
lf C-C = 34"-38"	Order Kit #: 77006
If C-C = 39"-44"	Order Kit #: 77005

Berkeley Jet Bracket Assembly

1. 75100 Bracket only

- 2. 13200 Quick Connector
- 3. 75200 Back Plate
- 4. 75400 Hardware

If C-C = 23"-26"	Order Kit #: 75002
If C-C = 27"-28"	Order Kit #: 75004
If C-C = 29"-33"	Order Kit #: 75003
If C-C = 34"-38"	Order Kit #: 75006
If C-C = 39"-44"	Order Kit #: 75005

Berkeley Jet kit consists of:

- 1. Bracket Assembly #75010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.



Dominator Jet Standard Kit consists of:

- 1. Bracket Assembly #77010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002



Long Rod Assembly Catalog # 10003



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010





American Turbine II

If C-C = 23"-26"	Order Kit #: 73002
lf C-C = 27"-28"	Order Kit #: 73004
lf C-C = 29"-33"	Order Kit #: 73003
lf C-C = 34"-38"	Order Kit #: 73006
If C-C = 39"-44"	Order Kit #: 73005



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010

If C-C = 29"-33" Order Kit #: 72003

If C-C = 34"-38"	Order Kit #: 72006
If C-C = 39"-44"	Order Kit #: 72005

If C-C = 23"-26" Order Kit #: 72002 If C-C = 27"-28" Order Kit #: 72004

American Turbine Standard kit consists of:

American Turbine Bracket Assembly

- 1. Bracket Assembly #72010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002

72100 Bracket only
 13200 Quick Connector
 72300 Back Plate
 72400 Hardware
 72500 Mounting Clip

All 4-Stroke 15" Short Shaft bracket assemblies and longer rods are available with this kit.



American Turbine II Standard Kit consists of:

- 1. Bracket Assembly #73010
- 2. Auxiliary Assembly #50010
- 3. Rod Assembly #10002



Standard Rod Assembly Catalog # 10002



Standard 2-Stroke or 4-Stroke Long Shaft Bracket Assembly Catalog # 50010



Auxiliary 4" Bracket Assembly

- 1. 50100 Bracket only
- 2. 13200 Quick Connector
- 3. 18020 Bands
- 4. 18520 6" Band Sleeves
- 5. 50110 Bracket Liner

NOTE: All outboard brackets are furnished with a precut vinyl liner. This liner is to be attached to the inside of the outboard bracket. Position the sticky edge inside of the holes on one end of the bracket. Gradually pull the paper off while positioning the liner across the center of the bracket. <u>DO NOT ATTACH TO ENGINE</u>.

ON SOME APPLICATIONS IT IS NECESSARY TO POINT THE BRACKETS UPSIDE DOWN FOR CLEARANE OR TO KEEP THE ANGLE UNDER 70 DEGREES.

4-STROKE 15" SHAFT BRACKET ASSEMBLIES

The picture to the right resembles all of the short shaft brackets. The size of the bracket will vary depending on which one you order. The brackets are designed to fit in between the wave plates on the lower housing. See Auxiliary Bracket Options page in front of catalog.



4-Stroke Short Shaft Bracket Assembly :

- 1. Bracket Assembly # Specify Model
- 2. Front Plate
- 3. Back Plate with quick connector
- 4. Hardware Pack

Customer Service is available to answer any application questions. Call, fax, or email with any questions and have the following information available.

- 1. Model and size of main engine, type of sailboat rudder and boat, or model number of jet.
- 2. Auxiliary engine model and size including the length of the housing shaft.

3. Center to Center distance between the housings, rudder, or jet control arm when both applications are in the down running position. This is the actual diagonal measurement where the brackets will be positioned.

OUTBOARD TO OUTBOARD STANDARD APPLICATION



Large Outboard Bracket Assembly Catalog #60010



Standard Rod Assembly Covers Center to Center 23"-26" Catalog #10002



Auxiliary Bracket Assembly 4" Catalog #50010



If your large engine sets back from the transom farther than the auxiliary, offset the bracket slightly towards the auxiliary. If the auxiliary sets back farther than the large engine then offset this bracket towards the large engine.

The auxiliary engine must be free to follow the main unit at all times. Be sure to loosen the steering tension on the auxiliary. Check on the port side of the engine under the head. It should be close to the junction by the horizontal and vertical pivot. On some models, you have a slider lever on the front of the engine. It may be necessary to slightly loosen (approximately 1/8" turn) the retaining screw with a box end wrench.





WHILE READING THE INSTRUCTIONS PLEASE KEEP IN MIND WE HAD TO REMAIN VERY GENERAL AS EACH APPLICATION IS INTENDED FOR SYSTEMS USING NO LARGER THAN A 25 HP. AUXILIARY ENGINE. IF YOU HAVE ANY QUESTIONS REGARDING YOUR SPECIFIC APPLICATION, CONTACT CUSTOMER SERVICE 8:30 A.M. TO 3:00 P.M. PACIFIC TIME, MONDAY THRU FRIDAY. LARGE 4-STROKE OUTBOARD BRACKETS: All 4-stroke brackets will be installed basically the same way. Only the size and shape of the bracket vary. The hardware which will include 2 stainless bolts, 4 washers and 2 nyloc nuts are provided. Slide washer on bolt, slide through hole on back plate, place through hole on front plate, add 2nd washer, attach nyloc nut and secure loosely. Repeat on other side and then tighten securely. We are developing new brackets as engines come onto the market. If you do not see yours listed call customer service. Most brackets are installed between the wave plates. However, you will find that the brackets will only fit in one place on the engine. Where needed we have added "feet" to prevent the bracket from sliding up on slanted housings.



MERCURY 50 CAT. # 67010



MERCURY 75-90/115 ROUND NOSE #68010



MERCURY 75-90/115 EFI SQ. NOSE #69010



YAMAHA 100 (20" Shaft) CATALOG # 81010



YAMAHA 80-100 (25" Shaft) CATALOG # 80010



YAMAHA F200/225 CATALOG # 84010



HONDA 75-90 CATALOG #62010



HONDA 115-130 CATALOG # 63010



HONDA 200-225 CATALOG #66010

CATALOG #	DESCRIPTION	Minimum C-C	Auxiliary Bracket
20010	OMC 1984 & Older	23"	50010
21010	OMC S/P	29"	50020
22010	Cobra	23"	50010
23010	Cobra S/P	29"	50020
24010	King Cobra	23"	50010
25010	King Cobra S/P	29"	50020
30010	Alpha I (Pre-1992)	23"	50010
30010	Alpha I S/P	29"	50010
33010	MerCruiser TRS	Special Order Only	
35010	Bravo	23"	50010
35010	Bravo S/P	29"	50010
37010	Alpha I 2nd Generation	23"	50010
37010	Alpha I 2nd Gen. S/P	29"	50010
40010	Volvo I (Pre-1989)	23"	50020
41010	Volvo I S/P	29"	50020
42010	Volvo II	23"	50020
43010	Volvo II S/P	29"	50020
44010	Volvo SX	23"	50010
45010	Volvo SX S/P	29"	50020
46010	Volvo XDP	23"	50010
60010	Large OB 2 Stroke	19"	50010
61010	Honda 35-50	23"	50070
62010	Honda 75-90	23"	50070
63010	Honda 115-130	23"	50070
64010	Evinrude/Suzuki	23"	50070
65010	Evinrude FFI	23"	50070
66010	Honda 200/225	23"	50010
67010	Mercury 50 & 25BF	23'	50010
68010	Mercury 75/90/115 (Round Nose)	23"	50010
69010	Mercury 75/90 & 115EFI Sq. Nose	23"	50010

MAIN BRACKET ASSEMBLY OPTIONS AVAILABLE

CATALOG #	DESCRIPTION	Minimum C-C	Auxiliary Bracket
70010	Sailboat	19"	50020
71010	Penyan	19"	50020
72010	American Turbine 7-3/4" Control Arm	23"	50010
73010	American Turbine II 6-1/2" Control Arm	23"	50010
74010	Sailboat Hunter Wheel Steering	23"	50030
75010	Berkeley Jet	23"	50010
77010	Dominator	23"	50010
78010	Hunter or Tip-Up Rudder Aux. Starboard	23"	50010
79010	Rhodes or Tip-Up Rudder Aux. Port	23"	50010
80010	Yamaha 80-100 25" Shaft	23"	50070
81010	Yamaha 100 20" Shaft	23"	50070
82010	Yamaha 200 HPDI	23"	50070
83010	Yamaha 115	23"	50070
84010	Yamaha F200/225	23"	50070
85010	Suzuki 90/115 20" Shaft	23"	50070
86010	Yamaha F150	19"	50020

Auxiliary Bracket Options Available

Catalog #	Description	Suggested Applications
50010	4" Pin	Standard Bracket
50020	3" Pin	Swim Platform and most Sail- boats
50030	Hunter	Special bracket for Hunter Sail- boat Wheel Steering
50050	5" Pin	Needed if turning radius needs adjusting
50060	6" Pin	Same as above
50070	7" Pin	Large 4 Strokes where bracket attaches to wave plate area
50080	8" Pin	Needed if turning radius needs adjusting
50090	Honda BF 8-9.9 High Thrust 4- Stroke	
51010	2 HP (8" Pin)	Auxiliary turns 360°
52010	Yamaha 4-Stroke 15" housing length	
53010	4 HP (5" Pin)	When housing is too small for standard bracket
54010	Mercury 4-Stroke 15" shaft & 9.9/15 Bigfoot	
55010	Electric motor	Post type housing
56010		Some of the housing lengths vary from 15" to 17".
57010	Honda 4-Stroke 15" housing length	There must be at least 3" of available housing for 50010.
58010	Suzuki 4-Stroke 15" housing length	If less than 3" a different bracket will be required
59010	Honda 8/9.9/15 2003 4-Stroke	