



# STERNDRIVE APPLICATIONS

## VOLVO PENTA

### AQUAMATIC 200, 250, 270, 275, 280, 290 SP

Motor HP	Gear Ratio	Approximate Boat Length			Houseboats Barges
		Thru 17'	18-21'	22-25'	
110-140 HP	1.35:1	14 x 15			
	1.62:1	14 x 17	14 x 15	14 x 15	
	2.15:1	14 x 19	14 x 17	14 x 17	15 x 13
150-185 HP	1.35:1	14 x 17	14 x 17	15 x 13	
	1.61:1	14 x 21	14 x 21	15 x 17	15 x 15
	1.89:1	14 x 19	14 x 19	15 x 15	15 x 13
190-255 HP	1.35:1	14 x 21	15 x 19	15 x 17	
	1.61:1	14 x 23	16 x 17	16 x 17	16 x 13
230-260 HP	1.61:1	14 x 23	14 x 23	15 x 21	
290 HP	1.61:1	14 x 23	14 x 23	14 x 21	



Volvo Long Hub Aluminum



Volvo Standard Hub Aluminum

#### Long Hub Propellers

Nearest Michigan Match™ OEM Equivalent (17 Spline)

Dia. x Pitch	Rot.	Blades	Aluminum Part Number		Stainless Steel Part Number	
			OEM	Michigan	OEM	Michigan
14 x 17	RH	3	854286-4	082002-1❖		084006
14 x 17	LH	3	854977-6	082001-1❖		
14 x 19	RH	3	854993-3	082004-1❖		084008
14 x 19	LH	3	854978-4	082003-1❖		
14 x 21	RH	3	851139-6	082010-1❖		
14 x 21	LH	3	854979-2	082009-1❖		
15 x 17	RH	3	854997-4	082012-1❖		
15 x 17	LH	3	854982-6	082011-1❖		
15 x 19	RH	3	854998-2	082014-1❖		
15 x 19	LH	3	854983-4	082013-1❖		
15 x 21	RH	3	854999-0	082016-1❖		
15 x 21	LH	3	854984-2	082015-1❖		
16 x 13	LH	3	854986-7	082089-1		
16 x 15	RH	3	872001-3	082090-1		
16 x 15	LH	3	854987-5	082091-1		
16 x 17	RH	3	872002-1	082092-1		
16 x 17	LH	3	854988-3	082093-1		
15-1/4 x 17	RH	3	SSV Series Stainless	852155-1v	083002❖	
15-1/4 x 17	LH	3	SSV Series Stainless	852086-8v	083001❖	
15 x 19	RH	3	SSV Series Stainless	852138-7v	083004❖	
15 x 19	LH	3	SSV Series Stainless	852085-0v	083003❖	
14-1/2 x 21	RH	3	SSV Series Stainless	852137-9v	083006❖	
14-1/2 x 21	LH	3	SSV Series Stainless	852087-6v	083005❖	



#### Standard Hub Propellers

Nearest Michigan Match™ OEM Equivalent (17 Spline)

Dia. x Pitch	Rot.	Blades	Aluminum Part Number	
			OEM	Michigan
14 x 15	RH	3	814631-8	082026-1
14 x 15	LH	3	814626-8	082025-1
14 x 17	RH	3	814632-6	082028-1
14 x 17	LH	3	814627-6	082027-1
14 x 19	RH	3	814633-4	082032-1
14 x 19	LH	3	814628-4	082031-1
14 x 21	RH	3	814634-2	082034
14 x 21	LH	3	814629-2	082033
15 x 13	LH	3	813316-7	082087-1
15 x 15	RH	3	814615-1	082060-1
15 x 15	LH	3	814611-0	082059-1
15 x 17	RH	3	814616-9	082030-1
15 x 17	LH	3	814612-8	082029-1
15 x 19	RH	3	—	082022
15 x 19	LH	3	—	082021
15 x 21	LH	3	—	082023

❖ Note: Bushings for above propellers suggested for max. 240 HP UNLESS marked with a ❖.  
**SSV Series:** 1) Designed for boats with power to weight ratios of 12:1 and below. 2) Boats must have power trim. 3) Anti-cavitation plate height 1" above boat bottom. 4) Blades cambered must run in ventilated condition. 5) Use 2" less pitch if current aluminum prop is cupped, 3" less if uncupped. Parts 083005 & 083006 will not fit a 270 outdrive.

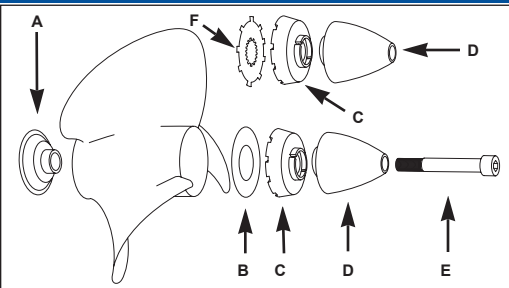
Long Hub Propellers are for use with model 275, 280 & 290 outdrives and late production 270 outdrives which have drilled propeller shaft.

Standard Hub Propeller installations are from outdrive serial #PZ287719, and are NOT for use with V-6 diesel engines.

Propeller Hardware is available thru Volvo Distributors.

▶ LIMITED INVENTORY ITEMS.

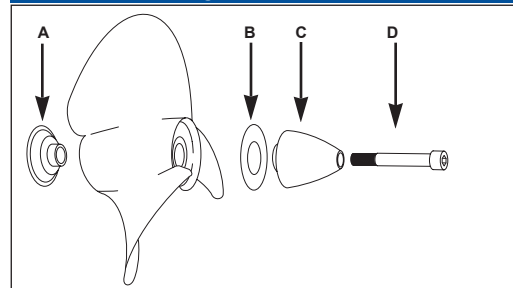
#### Standard Hub Installation



Standard Hub Propeller installations require:

- A) Thrust Washer #839534-5 (Depth: .625")
- B) Washer #850888-9 or F) Washer #897367-9
- C) Spacer Ring #854047-8
- D) Propeller Cone #8504045-2
- E) Allen bolt #850889-7

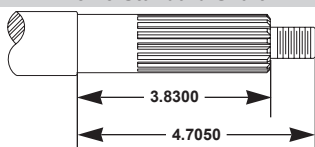
#### Long Hub Installation



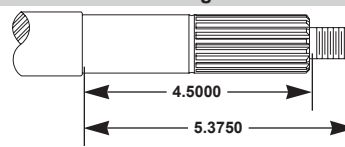
Long Hub Propeller Hardware:

- A) Thrust Washer #839423-1 (Depth: 1.3")
- B) Washer #850888-9
- C) Propeller Cone #8504045-2
- D) Allen bolt #850889-7

#### Volvo Standard Shaft



#### Volvo Long Shaft



Standard Hub Motor Application

# STERNDRIVE APPLICATIONS



## VOLVO PENTA

### VOLVO PENTA 100-110: EATON MODEL B (PIN DRIVE)

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
HP Range: 110-150	14 L 10	3	813226	<b>082057</b>										
	14 L 12	3	813228	<b>082045</b>										

### SX COBRA™, VOLVO PENTA SX, OMC COBRA® (1994 & NEWER) - 19 SPLINE

3.0 L .....1994 & Newer	7.4 L .....1997 & Newer	DPX 385 (385 HP) .....2001 & Newer
4.3 L .....1994 & Newer	8.2 L .....1997	DPX 415 (415 HP) .....2001 & Newer
5.0 L .....1994 & Newer	8.1 GI (375 HP) .....2001 & Newer	DPX 500 (475 HP) .....2001 & Newer
5.7 L .....1994 & Newer	8.1 GSI (420 HP) .....2001 & Newer	DPX 600 (560 HP) .....2001 & Newer
5.8 L .....1994-97		

Following suggestions based on Twin Engines - Deduct 4" pitch for single engine application.

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
24-28' - (26-36)	15-1/2 R 15	3	3850299	<b>161001</b>										
24-28' - (26-36)	15 R 15	3			3850305	<b>163002</b>	14-1/4 x 15	3	<b>163012</b>	<b>163013</b>	14-7/8 x 15	3	<b>346031</b>	
22-27' - (34-44)	15 R 17	3	3850300	<b>161002</b>	3850307	<b>163004</b>	14-1/4 x 17	3	<b>163014</b>		14-3/4 x 17	3	<b>346032</b>	
22-27' - (34-44)	15 L 17	3			3850316	<b>163003</b>	14-1/4 x 17	3		<b>163015</b>				<b>346062</b>
19-25' - (39-50)	14-1/2 R 19	3	3850301	<b>161003</b>	3850308	<b>163006</b>	14-1/4 x 19	3	<b>163016</b>		14-1/2 x 19	3	<b>346033</b>	
19-25' - (39-50)	14-1/2 L 19	3			3850317	<b>163005</b>	14-1/4 x 19	3		<b>163017</b>				<b>346063</b>
17-22' - (39-50)	14-1/4 R 21	3	3850302	<b>161004</b>	3850309	<b>163008</b>	14-1/4 x 21	3	<b>163018</b>		14-3/8 x 21	3	<b>346034</b>	
17-22' - (39-50)	14-1/4 L 21	3			3850318	<b>163007</b>	14-1/4 x 21	3		<b>163019</b>				<b>346064</b>
17-20' - (44-57)	14-1/4 R 23	3	3850303	<b>161005</b>	3850310	<b>163010</b>	14-1/4 x 23	3	<b>163020</b>		14-1/4 x 23	3	<b>346035</b>	
16-19' - (48-62)	14-1/4 R 23	3			3850319	<b>163009</b>	14-1/4 x 25	3	<b>163022</b>	<b>163023</b>	14-1/4 x 25	3	<b>346036</b>	

## YAMAHA

### 130-205 HORSEPOWER

3.0 L (130 HP) EST/PSR .....1989-93      4.3 L (205 HP) EST/YEMS/PRS ...1989-93

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
21-26' - (18-31)	15-1/4 R 15	3	6G5-45941-00-98	<b>101025</b>			14-1/4 x 15	3	<b>103044</b>	<b>103045</b>	14-7/8 x 15	3	<b>345931</b>	
20-24' - (25-34)	14-5/8 R 16	3	6G5-45952-00-98	<b>101026</b>										
19-23' - (27-37)	14-1/2 R 17	3	6G5-45947-01-98	<b>101027</b>	6G5-45978-03-98	<b>103018</b>	14-1/4 x 17	3	<b>103046</b>	<b>103047</b>	14-3/4 x 17	3	<b>345932</b>	<b>345962</b>
17-21' - (33-42)	14 R 19	3	6G5-45945-01-98	<b>101028</b>	6G5-45974-03-98	<b>103020</b>	14-1/4 x 19	3	<b>103048</b>	<b>103049</b>	14-1/2 x 19	3	<b>345933</b>	<b>345963</b>
18-19' - (37-46)	13-3/4 R 21	3	6G5-45943-01-98	<b>101029</b>	6G5-45972-03-98	<b>103022</b>	14-1/4 x 21	3	<b>103050</b>	<b>103051</b>	14-3/8 x 21	3	<b>345934</b>	<b>345964</b>
17-19' - (39-48)	13-1/2 R 23	3	6G5-45949-00-98	<b>101030</b>			14-1/4 x 23	3	<b>103052</b>	<b>103053</b>	14-1/4 x 23	3	<b>345935</b>	<b>345965</b>
Up to 18' - (40-50)							14-1/4 x 25	3	<b>103054</b>	<b>103055</b>	14-1/4 x 25	3	<b>345936</b>	
16-20' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 22	3	<b>345941</b>	
15-18' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 24	3	<b>345937</b>	
Up to 17' High Perf.	Lifting Hulls								Ballistic 3 XL		14-1/2 x 26	3	<b>345938</b>	

### 205-300 HORSEPOWER

5.0 L (205 HP) EST/PSR/YEMS ...1989-93      5.7 L (260 HP) EST/PSR/YEMS ...1989-93      7.4 L (300 HP) Hydra Drive (EST) ...1992-93

Boat Length - (MPH)	Diameter		Aluminum Part No.		Stainless Part No.		Rapture Performance Stainless			Ballistic High Performance Stainless				
	Rot. & Pitch	Blade#	OEM	Michigan	OEM	Michigan	Dia. x Pitch	Blades	RH	LH	Dia. x Pitch	Blades	RH	LH
23-28' - (19-38)	15-1/4 R 15	3	6G5-45941-00-98	<b>101025</b>			14-1/4 x 15	3	<b>103044</b>	<b>103045</b>	14-7/8 x 15	3	<b>345931</b>	
22-27' - (24-42)	14-5/8 R 16	3	6G5-45952-00-98	<b>101026</b>										
21-26' - (29-45)	14-1/2 R 17	3	6G5-45947-01-98	<b>101027</b>	6G5-45978-03-98	<b>103018</b>	14-1/4 x 17	3	<b>103046</b>	<b>103047</b>	14-3/4 x 17	3	<b>345932</b>	<b>345962</b>
19-25' - (35-49)	14 R 19	3	6G5-45945-01-98	<b>101028</b>	6G5-45974-03-98	<b>103020</b>	14-1/4 x 19	3	<b>103048</b>	<b>103049</b>	14-1/2 x 19	3	<b>345933</b>	<b>345963</b>
18-23' - (41-56)	13-3/4 R 21	3	6G5-45943-01-98	<b>101029</b>	6G5-45972-03-98	<b>103022</b>	14-1/4 x 21	3	<b>103050</b>	<b>103051</b>	14-3/8 x 21	3	<b>345934</b>	<b>345964</b>
17-22' - (43-58)	13-1/2 R 23	3	6G5-45949-00-98	<b>01030</b>			14-1/4 x 23	3	<b>103052</b>	<b>103053</b>	14-1/4 x 23	3	<b>345935</b>	<b>345965</b>
Up to 17' - (45-59)							14-1/4 x 25	3	<b>103054</b>	<b>103055</b>				

Key to abbreviations: LL: Light Loads; SB: Sailboat; AL: All Loads; SK: Skiboat; WB: Workboat; HB: Houseboat; CR: Cruisers; HL: Heavy Loads; WD: Weedless

▶ LIMITED INVENTORY ITEMS.

Click on Highlighted Number for Price

Standard Hub Motor Application