

Outboard Engine (with Alternator)

Teleflex Tachometers listed as "O/B & 4-Stroke Gas Engines" work with the following engines, as noted.



MAKE/MODEL	# ALTERNATOR POLES	SWITCH POSITION	NOTES
CHRYSLER*:			
35, 70 HP & up (1968-1983)	12	6P	
55, 60 HP (1968-1983) with Prestolite 20-pole alternator	20	N/A	Use Tach. P/N 53743P
EVINRUDE**/JOHNSON**/OMC SEADRIVE/:			
9.9, 15 HP (2 cylinder, 4 stroke)	12	6P	
50, 55 HP electric start (2 cylinder 1971-1977)	12	6P	
55-60 HP, 4-12 amp alternator (2 cylinder 1978-1991)	12	6P	
Less than 70 HP (2 cylinder, 2 stroke)	10	5P	
70 HP & up (and all 3 cylinder); all OMC Sea Drives	12	6P	
FORCE (U.S. MARINE):			
35 HP (1986-date), 40 HP (1993-date)	12	6P	
50 HP through early 1987 (A,B models)	8	4P	
50 HP (1987 C model & newer); 85, 125 HP (through 1989)	20	N/A	Use Tach. P/N 53743P
50 HP (1992 Revision 'B' & newer); 70 HP (1991-date)	12	6P	
90-120 HP (prior to 1991 Revision 'H')	20	N/A	Use Tach. P/N 53743P
90-120 HP (1991 Revision 'H' & newer)	12	6P	
150 HP (prior to 1991 Revision 'B')	20	N/A	Use Tach. P/N 53743P
150 HP (1991 Revision 'B' & newer)	12	6P	
L-Drive, 85, 125 HP (1989 Models)	20	N/A	Use Tach. P/N 53743P
L-Drive, 90-120 HP (prior to 1991 Revision 'B')	20	N/A	Use Tach. P/N 53743P
L-Drive, 90-120 HP (1991 Revision 'B' & newer)	12	6P	
L-Drive, 145 HP (1991-date)	12	6P	
HONDA:			
35, 40, 45, 50 HP with alternator	6	3P	
All other models with alternator	4	2P	
MERCURY***/MARINER***:			
Mariner 18, 25, 48, 60 HP (through 1983)	4	2P	
8, 9.9, 15 HP (2 cylinder, 4 stroke)	6	3P	
2 cylinder, 2 stroke electric start models 40 HP & less	4	2P	
40 HP, USA serial # 582399 & lower	4	2P	
40 HP, USA serial # 582400 & up; Canada serial # 7169337 & up	12	6P	
All Other Models Including 4 Cylinder 4-Stroke	12	6P	
SUZUKI:			
9.9, 15 HP (2 cylinder, 4 stroke)	6	3P	
25, 30 HP (1993-date); 55, 65 HP (1985-date)	6	3P	
All under 55 HP; 50-60 HP Cabrea models	4	2P	
60 & 65 HP (1984 & older)	4	2P	
75 HP & up (1985-date); 75 HP & up Cabrea	12	6P	
115 HP & up (1988-date)	12	6P	
TOHATSU/NISSAN:			
All 2 cylinder models with alternator thru 70 HP	4	2P	
All 3 cylinder models	6	3P	
90 HP (through 1994), 120, 140 HP (through 1989)	6	3P	
120, 140 HP (1990-date), all other 4 cylinder	12	6P	
YAMAHA:			
6-25 HP (2 cylinder, 2 stroke)	6	3P	
F/T 9.9, 15 HP (4 stroke); 25-70 HP (3 cylinder); 90 HP (thru 1985)	6	3P	
F/T 50 HP (4 stroke); 75 HP & up (2 stroke)	12	6P	

* Tachs will not work on engines with Magnapower 1 ignition. ** 88-115 HP "Special" models may require addition of an OMC Voltage Regulator to the engine, or a 2,000-ohm (or larger) resistor to the rear of the tach. *** Mariner 30 & 40 HP (2 cylinder) engines require a Module (Mercury P/N 17461A2) when using any of these tachs. **NOTE:** Engine designs are subject to change. Data above is based on the latest information available at the time of publication. Teleflex assumes no responsibility for its correctness or the misapplication of its products.

Connections required are:

Ground

12 vdc, switched on/off from Ignition/Start Switch

AC (alternating current) from alternator (usually a Gray wire in engine harness, see schematic below)

12 vdc, from Panel light Switch (if lighting is desired)

Selector switch on rear of tach is set to number of pulses per revolution, from chart above.

