



GHP™ 10 Tachometer Reference

This document contains common tachometer wiring connections on a variety of engines. This document is for reference only, and Garmin is not responsible for its contents or for the consequences of following the suggestions included below. Engine tachometer connections are subject to change at any time and Garmin is not responsible for updating any of the information or suggestions included below. Use the information and suggestions included in this document at your own risk..

For the most reliable tachometer connection information available you must consult your engine manufacturer before wiring the GHP 10 to the tachometer.

Gasoline Outboard Engines

Engine Manufacturer	Tachometer (+)	Tachometer (-)	Notes
Envinrude	Gray	Black	NMEA 2000*
Honda	Gray	Black	
Mercury	Gray	Black	
Mercury Verado	N/A	N/A	Use the J-Box adapters provided in the GHP 10 Verado adapter kit to connect to the Tachometer. Follow the instructions provided in the adapter kit.
Suzuki	Yellow	Black	
Yamaha	Green	Black	<ul style="list-style-type: none"> NMEA 2000* Certain Yamaha motors require a Command Link Converter (Yamaha part number MAR-6X6DA-C0-00) to transmit tachometer information to the GHP 10. Contact your Yamaha dealer for more information.

Gasoline Inboard Engines

Engine Manufacturer	Tachometer (+)	Tachometer (-)	Notes
Mer cruiser	Gray	Black	
Volvo	N/A	N/A	To access the tachometer information from the proprietary Volvo BUS, you must use a Volvo Canbus to NMEA 2000 converter (Volvo part number 3889758).
Crusader Engines	Gray	Black	

Diesel Engines

Engine Manufacturer	Tachometer (+)	Tachometer (-)	Notes
Caterpillar	N/A	N/A	<ul style="list-style-type: none"> C15 and most other engines, fly wheel tooth counter (part#1895746) Maretron part number MCF-2M-D12 CAT
Cummins	N/A	N/A	<ul style="list-style-type: none"> For QS11 and most other engines use a fly wheel tooth counter (part#3078155) For QSB, QSC, QSL, QSM motors, use Maretron part number J2K100**
Man	N/A	N/A	Maretron part number J2K100**
Volvo	N/A	N/A	Volvo Canbus to NMEA 2000 (Volvo part number 3889758)
Yanmar	Yellow wire or Orange/Gray wire at the alternator	Engine ground	NMEA 2000*

**If the motor is NMEA 2000-compatible, there will be no tachometer wires. Tachometer information will be received through the NMEA 2000 BUS*

*** Maretron J1939 Canbus to NMEA 2000 converter*

Note: Part #J2k100 may not work in some applications due to the fact that most engine manufactures will send out proprietary Canbus unless J1939 is specified by OEM boat manufacturer.