9 EASY STEPS FOR ENGINE SELECT:

There are two buttons on the front of the Smart Gauge that are used for configuring the engine (see figure 1). Use these buttons to follow the instructions below.



Figure 1

1. Press and Hold both Display Control Buttons for approximately 2 seconds. As soon as you release the buttons, the screen will display “UNITS”.

2. Once you see “UNITS”, press the Right Control Button until you see “ENGIN”.

   NOTE - Pressing the Left Control Button will scroll through the settings in reverse. Pressing the Right Control Button will scroll through the settings forward.

3. With “ENGIN” on the display, press the Right Control Button for approximately 2 seconds. At this point, you will see one of the preprogrammed engines (see figure 2 for list of engines).

4. Press the Right Control Button until you see the desired engine.

5. When the proper engine is displayed, press and hold the Right Control Button for approximately 2 seconds. At this point, the engine will be saved and the configuration will appear on the screen.

6. Press the Right Control Button until the proper Engine Configuration appears (see figures 3A and 3B on next page for list of engine configurations).

SUZUK (Suzuki)
MERC (Mercury)
YAMAH (Yamaha)
HONDA (Honda)

Figure 2

NOTE - There are two lists for the Engine Configuration. Any gauge built prior to 10/17/2025 will be REV. A. Any gauge built on or after 10/17/2025 will be REV. B or higher. It is suggested to determine which gauge you have by going into the Engine Configuration and seeing which options are available with the engine you are configuring.

ENGINE CONFIGURATION FOR REV. A GAUGE (Or older)			
Suzuki	**Mercury**	**Yamaha**	**Honda**
*Sensor	VRADO	SNSOR (PTT Box)	8HP (Horse Power)
*DGITL	9HP (Horse Power)	DGITL (Digital)	10HP (Horse Power)
*Sender	25HP (Horse Power)	Sender (Resistive)	15HP (Horse Power)
	50HP (Horse Power)		20HP (Horse Power)
	60HP (Horse Power)		30+ (Horse Power and Up)
	75HP (Horse Power)		DIGIT (Digital)
	90HP (Horse Power)		
	115HP (Horse Power)		
	150HP (Horse Power)		
*See page 3 for notes	175+ (Horse Power and Up)		

Figure 3A

ENGINE CONFIGURATION FOR REV. B GAUGE (or newer)			
Suzuki	**Mercury**	**Yamaha**	**Honda**
*Sensor	9HP (Horse Power)	SNSOR (PTT Box)	8HP (Horse Power)
*N2K NMEA2000	25HP (Horse Power)	N2K NMEA2000	10HP (Horse Power)
*Sender	50HP (Horse Power)	Sender (Resistive)	15HP (Horse Power)
	60HP (Horse Power)		20HP (Horse Power)
	75HP (Horse Power)		30-90HP (Horse Power)
	90HP (Horse Power)		115+ (Horse Power and Up
	115HP (Horse Power)		
	150HP (Horse Power)		
*See page 3 for notes	175+ (Horse Power and Up)		

Figure 3B

7. When the proper Engine Configuration is displayed, press and hold the Right Control Button for approximately 2 seconds. At this point, the configuration is saved and the display will show “ENGIN”.

8. Once the proper Engine Configuration is set, press the Right Control Button until you see “EXIT” on the display.

9. Press the Right Control Button for approximately 2 seconds until the display goes back to normal operation.

   NOTE - If you have a Yamaha Engine with the PTT Controller, you must adjust the PTT Box all the way Counter Clockwise (see figures 4 & 5).



Figure 4 - Yamaha Sensor



Figure 5 - Turn Completely CCW

How to choose the correct Suzuki Engine setting:

1) Is the engine SPC (digital throttle and shift), or is it connected to the CAN network?
Yes- Use **Digital/N2k**. This applies to all SPC model years and any mechanical engine connected to the NMEA (CAN) network. SPC engines broadcast engine information only thoughout a gateway on the NMEA network.
No- Continue to STEP 2.

2) **For a mechanical engine without a gateway or engine interface, select by horsepower:**
a) **25 hp or 30 hp in current production:** Use **Sender**.
   i) These engines do not come with a trim sender installed, but a trim sender can be ordered separately from Suzuki and installed on the engine.
   (1) You can order these parts directly from Suzuki:
   a) 34801-99E05 (Sender Assy, Trim)
   b) 09100-06113 (2 mounting bolts)
b) **40-200 hp**: Use **Sensor**.
c) **225 hp or 250 hp, model year 2024 or older:** Use **Sender.**
d) **225 hp or 250 hp, model year 2025 or newer:** Use **Sensor.**

3) **For 225/250 hp engines, confirm by serial number when needed:**
a) **44xxxx** (model year 2024): Use **Sender.**
b) **54xxxx** (model year 2025) or newer: User **Sensor.**

Setting Definitions:

Digital/N2K: Engine or trim data reaches the gauge through a gateway or engine interface on the NMEA (CAN) network.
Sensor: Trim-gauge wires connect directly to the gauge. This is normal setting for most mechanical engines with a gateway or interface.
Sender: Used only for the mechanical-engine exceptions indentified above.