

Ignition Timing

Use the *Ignition Timing* screen to check and adjust *EMM* timing. *EMM* timing must be synchronized to crankshaft position.

Refer to **TIMING ADJUSTMENTS** on p. 142.



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Check timing after any of the following procedures:

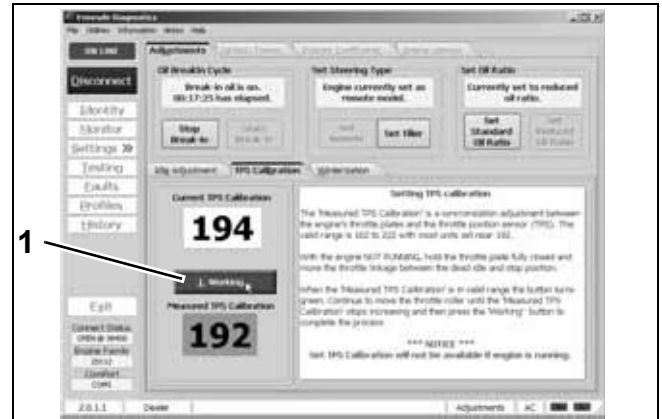
- Powerhead replacement
- Crankshaft replacement
- Flywheel removal or replacement
- CPS replacement
- *EMM* replacement
- *EMM* software replacement

IMPORTANT: Make sure the timing pointer is set and the outboard reaches operating temperature before making adjustments.

TPS Calibration

TPS Calibration synchronizes throttle plate opening with throttle position sensor voltage.

Refer to **TPS Calibration** on p. 143.



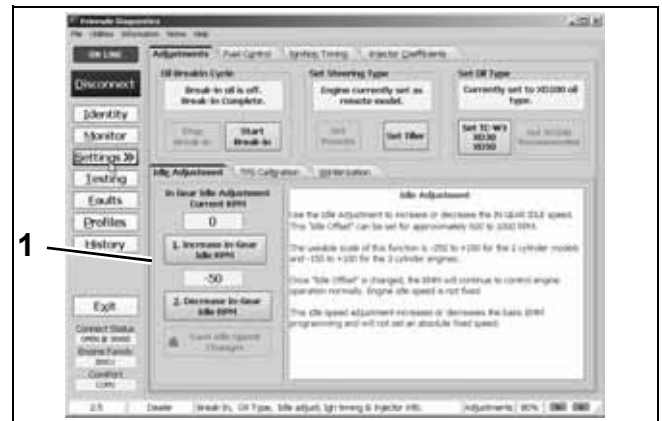
1. TPS Calibration button

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Perform TPS Calibration after replacing or adjusting any throttle body or throttle linkage parts.

Idle Speed Control

Use the *Idle Adjust* function to increase or decrease IN GEAR IDLE speed. This adjustment offsets the basic *EMM* programming and will not set an absolute fixed speed. After the offset is changed, the *EMM* continues to control engine operation normally. Engine idle speed is not fixed.



1. Idle adjustment

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