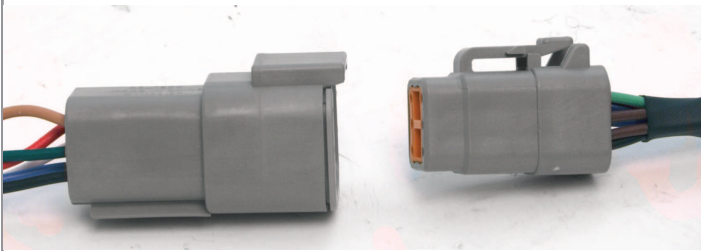


EFP Installation

Model Numbers: EFP1XX



Connect the two Deutsch connectors together. They should make a click sound when properly connected.

Pull on the connectors to make sure they are securely fastened.

NOTICE

This document is written to aid our dealers, boat builders, and company service personnel in the proper installation of products. Personnel who are not familiar with these or similar products produced by Livorsi Marine, Inc., and who have not been trained in the recommended installation procedures should have the work performed by a qualified technician. Improper installation of the Livorsi Marine product could result in damage to the product or personal injury to the installer or persons operating the product.

After completing installation, these instructions should be kept with the product for the owner's future reference.

NOTICE

Notice to Personnel Installing this Kit

The installation of this product requires an installer who is qualified in digital throttle systems. The installer must be trained in the proper installation and operation of digital throttle systems. Failure to correctly install this product may make this product unsafe for use.

WARNING

Electronic Foot Pedals are not field serviceable. Any attempt to disassemble, modify, or repair will void the warranty. If repair or modification is required, please return product to Livorsi Marine.

Do not swap parts in any way.

WARNING

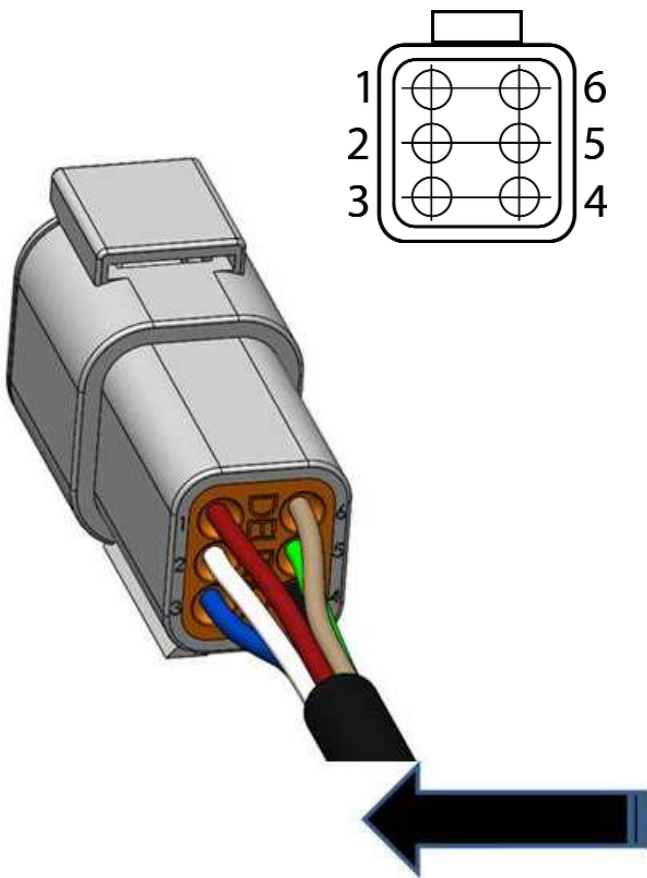
Before starting the engine, connect a diagnostic tool to verify that the throttle demand at the idle position and WOT position (Pedal Depressed) are within the engine manufacturers expected ranges.

Note: Various engine profiles are supported. Verify that you have the correct throttle for your application.

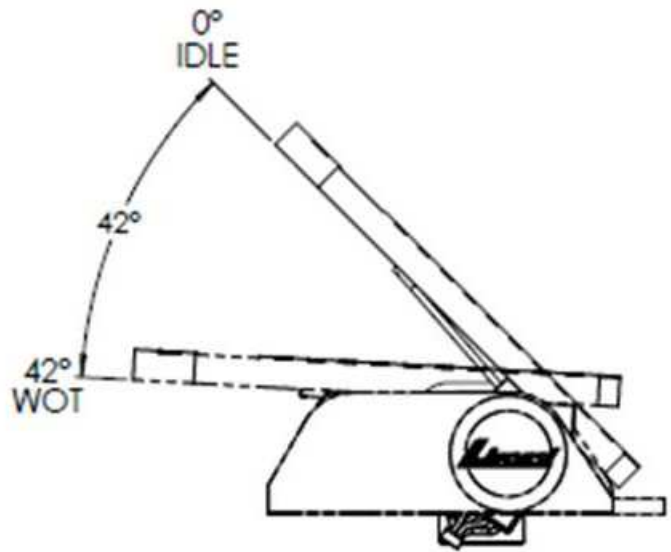
See Below for Reference Only: Actual Values May Vary

CALIBRATION TABLE						
PART#	Engine Profile	Pedal Position	Pedal Angle	Calibration Angle	PPS1	PPS2
EFP100	PCM	IDLE	0°	3°	0.45	0.225
		WOT	42°	39°	4.5	2.25
EFP101	PCM	IDLE	0°	3°	0.45	0.225
		WOT	42°	39°	4.5	2.25
EFP102	PCM	IDLE	0°	3°	0.45	0.225
		WOT	42°	39°	4.5	2.25
EFP103	Indmar Ls3	IDLE	0°	1°	0.8	4.2
		WOT	42°	41°	4.2	0.08
EFP104	PCM	IDLE	0°	3°	0.45	0.225
		WOT	42°	39°	4.5	2.25
EFP105	Mast Motorsports	IDLE	0°	1°	0.51	4.01
		WOT	42°	41°	2.18	0.77
EFP106	Yanmar - 8LV, 6YL, 400, 440	IDLE	0°	3°	0.5	0.5
		WOT	42°	39°	4.5	4.5
EFP107	Marine Power	IDLE	0°	3°	0.78	0.78
		WOT	42°	39°	4.15	4.15
EFP108	Duramax	IDLE	0°	1°	1	1
		WOT	42°	41°	4	4
EFP109	Chevy LS3	IDLE	0°	3°	1	0.5
		WOT	42°	39°	4.28	2.14
EFP110	MTT Turbine	IDLE	0°	3°	0.5	4.5
		WOT	42°	39°	4.5	0.5
EFP111	Performance Diesel - Duramax	IDLE	0°	3°	1	4
		WOT	42°	39°	4	1
EFP112	KEM - KODIAK	IDLE	0°	3°	1.4	0.6
		WOT	42°	39°	4.4	2.6
EFP113	Yanmar - 4LV, 4JH	IDLE	0°	3°	0.4	0.4
		WOT	42°	39°	4.7	4.7

All EFP Models 6 Pin Deutsch Wiring



Pin Number	Wire Color	Description
1	Red	PPS1 (5V)
2	White	PPS2 (5V)
3	Blue	PPS1 Signal
4	Black	PPS1 Ground
5	Green	PPS2 Ground
6	Tan	PPS2 Signal



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EFP MOUNTING TEMPLATE

