

HARDIN  
MARINE

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PART NO.

137-8414

TITLE:

## TRIM SENDER - GEN 2

www.hardin-marine.com

DASH PANEL TO SENDER WIRE COLOR CODE:

- 1) BLACK - GROUND
- 2) RED - 12V/ 5AMP FUSED KEYED POWER
- 3) YELLOW - DASH LIGHTS
- 4) BLUE - PORT SENDER BLACK & YELLOW (GROUND)
- 5) WHITE - PORT SENDER WHITE (SEND)
- 6) GREY - PORT SENDER RED (POWER)
- 7) BLUE - STBD SENDER BLACK & YELLOW (GROUND)
- 8) WHITE - STBD SENDER WHITE (SEND)
- 9) GREY - STBD SENDER RED (POWER)

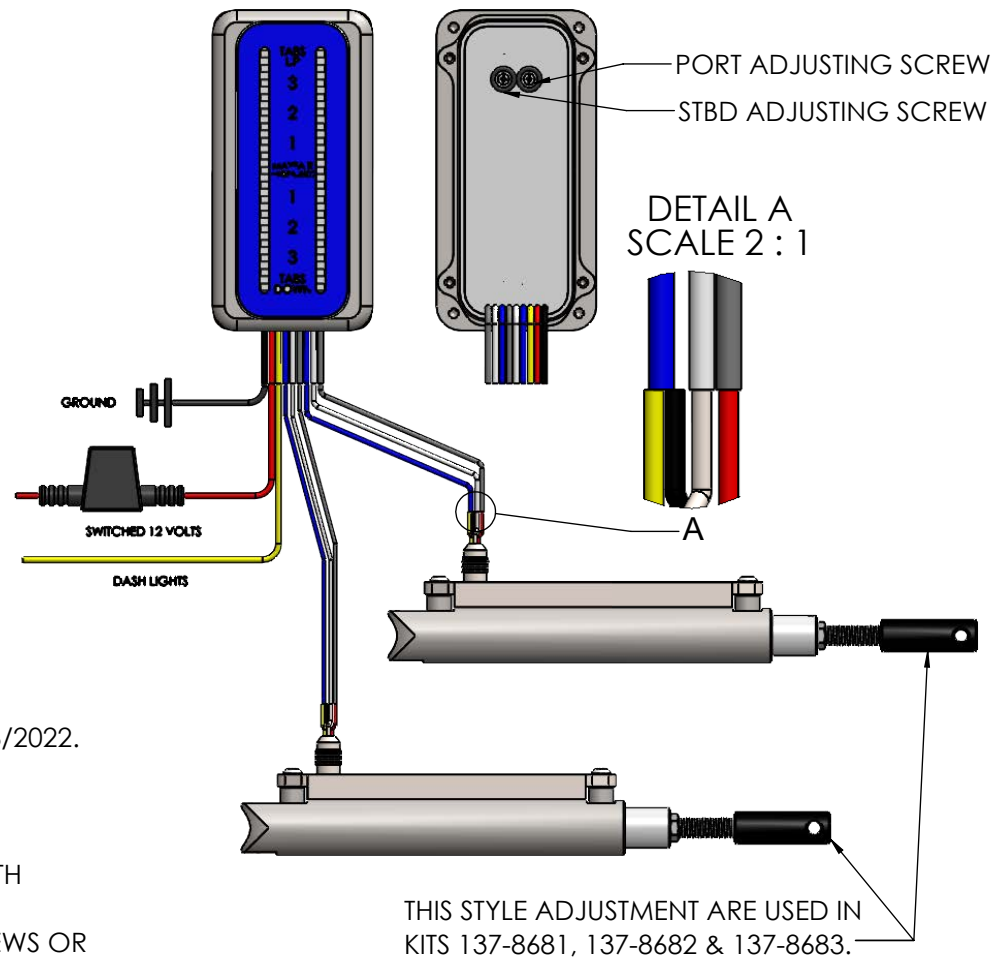
OPTIONAL 137-8684 HARNESS KIT COMES WITH:

- (2) 30' SENDER HARNESS (GREY, BLUE AND WHITE)
- (1) 30' RED WIRE
- (1) 5AMP FUSE AND HOLDER
- (20) BUTT CONNECTORS

USED IN 137-8681, 137-8682, 137-8683, 137-8688 & 137-8737 KITS 06/2022.

ADJUSTING THE LED LIGHT RANGE:

- 1) MOVE TO DRIVE/TAB ALL THE WAY DOWN.
- 2) BOTH SENDERS MUST BE WIRED AND THE BOTTOM LIGHT ON BOTH SIDES MUST BE LIT.
- 3) DEPENDING ON THE KIT, YOU WILL EITHER ADJUST THE END SCREWS OR SLID THE ASSEMBLY TO GET THE BOTTOM LIGHT ON THE DASH TO ILLUMINATE.
- 4) MOVE THE DRIVE/TAB ALL THE WAY UP.
- 5) USING 1/16 ALLEN KEY, REMOVE THE BACK COVER.
- 6) USING A SMALL FLAT SCREWDRIVER, CAREFULLY TURN THE ADJUSTMENT ON THE BACK OFF THE LED PANEL ALL THE WAY COUNTER CLOCKWISE. SOME OF THE TOP LED'S SHOULD TURN OFF.
- 7) SLOWLY TURN THE ADJUSTING SCREW CLOCKWISE UNTIL THE THE TOP LED LIGHT BEGINS TO ILLUMINATE. PANEL IS NOW ADJUSTED FOR FULL RANGE. NOW ADJUST THE OTHER SIDE. CYCLE UP AND DOWN A FEW TIMES TO MAKE SURE LIGHTS ARE ADJUSTED PROPERLY.
- 8) REINSTALL REAR COVER.
- 9) 2 SLOT SHOWN. SAME INSTRUCTIONS FOR 4 AND 6 SLOT PANELS.



**WARNING:**  
ATTACHING POWER TO ANY OTHER WIRE  
THAN THE RED OR GREY WIRE WILL  
PERMANENTLY DAMAGE THE SENDER AND  
DASH PANEL.

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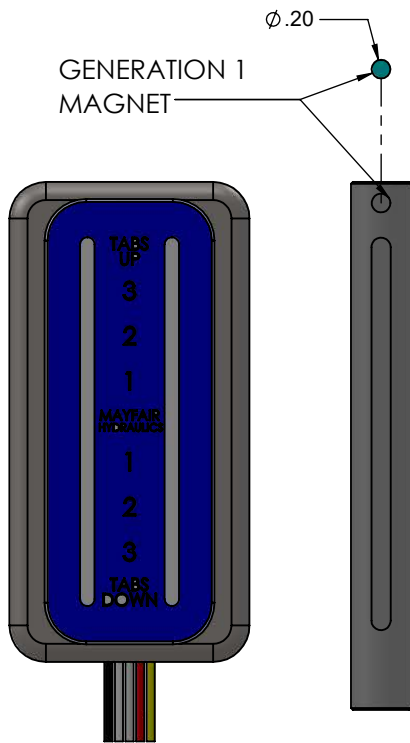
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TITLE:

137-8414 GENERATION 1 VERSUS 2 COMPARISON

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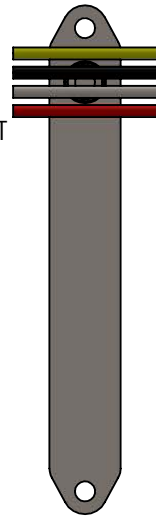
### GENERATION 1 PANEL



GEN 1 PANEL WIRING:  
 BLACK: GROUND  
 RED: 12 V/ 5AMP FUSED POWER  
 WHITE: SENDER INPUT  
 YELLOW: DASH LIGHTS

### GENERATION 2 SENDER

GEN 1 WIRING  
 YELLOW: DO NOT USE  
 BLACK: GROUND  
 WHITE: SENDER OUTPUT  
 RED: 5 TO 12 VOLTS

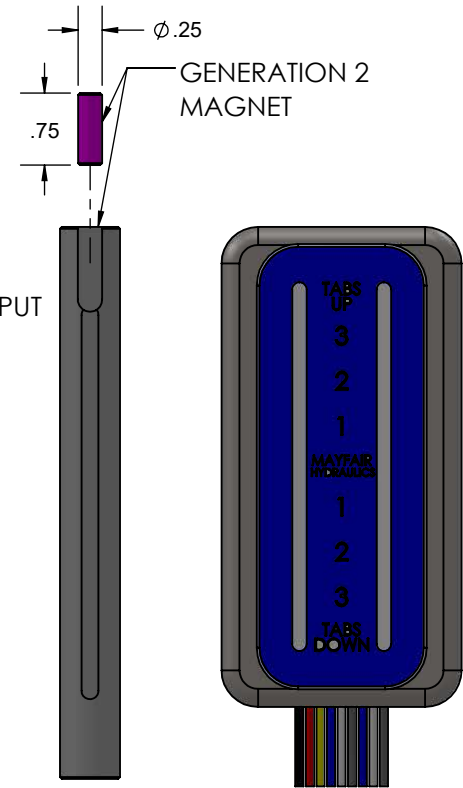


GEN 2 WIRING:  
 YELLOW: GROUND  
 BLACK: GROUND  
 WHITE: SENDER OUTPUT  
 RED: 5 TO 12 VOLTS

#### GEN 2 TRIM SENDER INSTRUCTIONS:

- 1) GEN 1 DASH PANEL ONLY HAD 5 WIRES.
- 2) GEN 1 MAGNET WAS ONLY  $\phi$ .200x.200.
- 3) GEN 2 SENDERS AND PANELS STARTED 06/2022
- 4) GEN 2 DASH PANEL HAS 9 WIRES.
- 5) GEN 2 SENDER HAS 4 WIRES.
- 6) DO NOT USE YELLOW WITH GEN 1 PANEL AND MAGNET.
- 7) FOR GEN 2 PANEL AND MAGNET. COMBINE BOTH BLACK & YELLOW SENDER WIRES TO THE BLUE PANEL GROUND.

### GENERATION 2 PANEL



GEN 2 PANEL WIRING:  
 BLACK: PANEL GROUND  
 RED: 12 V/ 5AMP FUSED POWER  
 YELLOW: DASH LIGHTS  
 BLUE: SENDER GROUND  
 WHITE: SENDER INPUT  
 GREY: 5 VOLT POWER  
 BLUE: SENDER GROUND  
 WHITE: SENDER INPUT  
 GREY: 5 VOLT POWER