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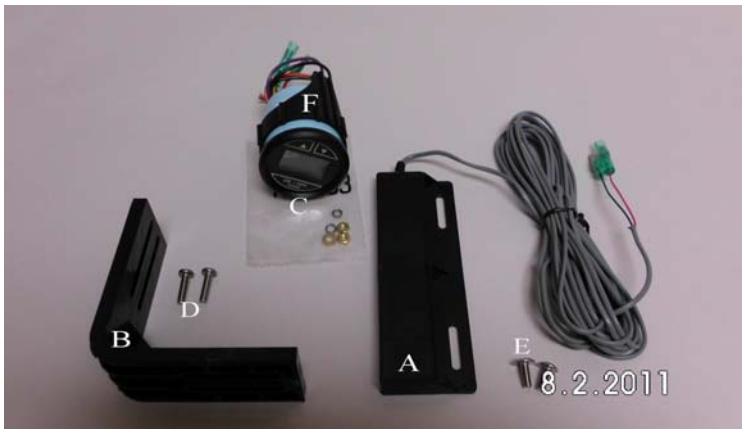
LED POSITION GAUGE KIT

"Atlas" MODEL JACK PLATES

Kit Contains:
1ea. - Flat sensor unit with 20'of (2) conductor cable **(A)**
1ea. – 90 degree plastic magnet sensor bracket **(B)**
1ea. – LED gauge with 6" of wire **(C)**
2ea. - #10-32 x 3/4" stainless steel machine screws **(D)**
2ea. - #10-32 x 1/2" stainless steel machine screws **(E)**
1 ea – Gauge mounting bracket w/ hardware (**F**)



Tools Required For Installation:
Phillips Head Screw Driver
Electric Drill
2 1/16" Hole Saw

Step 1 – **Figure (B)** Install Sensor Unit (flat bracket w/wire coming out top) (**A**) into pre-drilled and tapped holes on right side of transom side (short side) of jack plate, using 2 ea #10-32 x ½" machine screws (**E**). Be sure wire is coming out of top of jack plate.

Step 2 – **Figure (A)** Attach 90 degree plastic magnet bracket (**B**) using 2 ea. 10-32 x 3/4" machine screws (**D**) with the magnet facing towards the bottom of the jack plate.
This bracket has slots at the top to be used to adjust this bracket within 1/16" of the flat sensor bracket (**A**).

Step 3 – Select location for installation of LED gauge (**C**). Drill 2 1/16" hole through dash **(CAUTION: Be sure to check behind area before drilling**). Push gauge into hole. Use mounting bracket (**F**) to secure gauge in hole.

Step 4 – Run cable with red and black wire with green insulated bullet connectors from the Sensor unit (**A**) on jack plate up gunwale to where gauge (**C**) will be located. Connect the connectors on both the gauge and sensor together. Now connect **Purple wire from gauge to a switched 12 volt power source**. It must be switched or gauge will stay on. Refer to **FIGURE (C)** for detailed wiring diagram!

Step 5 – Turn on switch. Gauge should light and read the numeral "**1**" when plate is in full "DOWN" position. If it does not read "**1**" then loosen screws on 90 degree short bracket (**B**) (**Fig A**) and move slightly up or down until it does. It will take some fine-tuning on both the sensor and reader to get it correct.

Step 6 – Operate Jack plate up and down to check gauge operation. Gauge should read from **1** to **20**. Each digit is approximately ¼" in height.

Step 7 – This is a very sensitive unit and requires fine-tuning to get perfect. It may be necessary to adjust 90 degree bracket (**B**) in small increments or at a slight angle side to side to get the reader working properly.

Figure (A)

Figure (B)

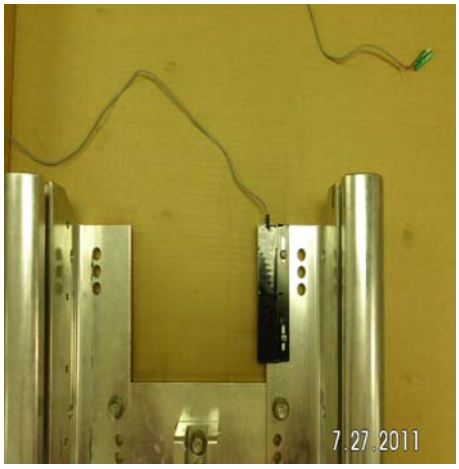


Figure (C)