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UPDATE FOR MODEL 512 OIL LEVEL CONTROLLERS WITH -TB(TEST BUTTON) OPTION

The Test Button makes it easy to check for proper oil controller wiring installation. It also allows the user to simulate a low oil level condition.

Figure 1: Side View of 512 Test Button Assembly

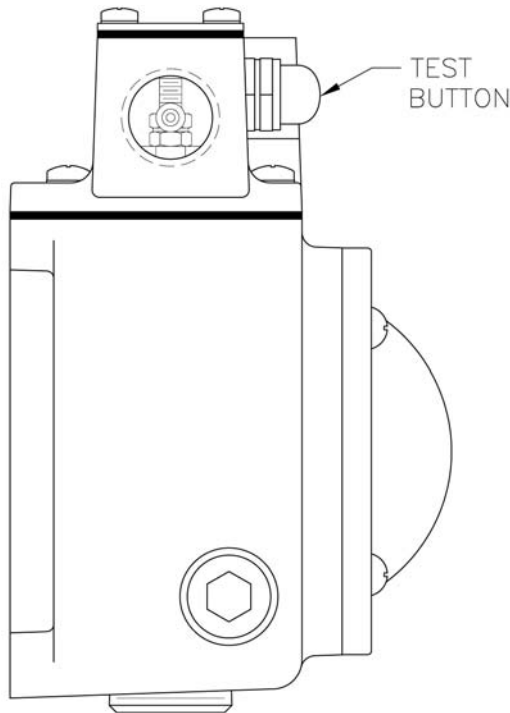
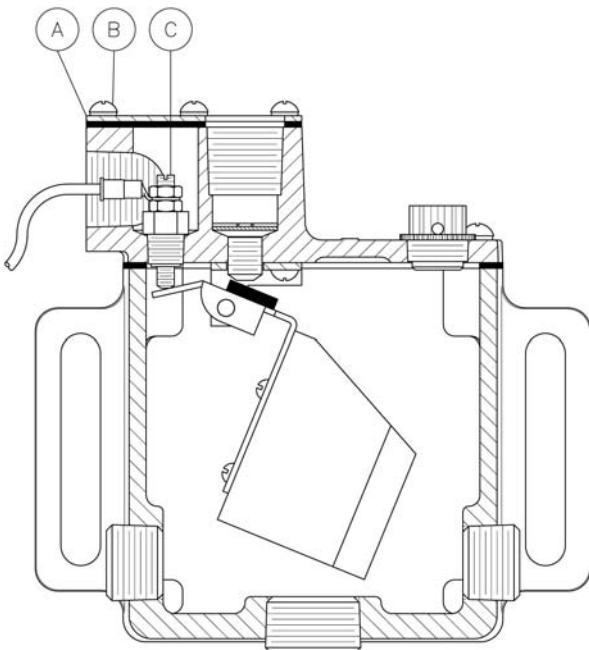


Figure 2- Side View for Switch Adjustment



TEST BUTTON OPERATING INSTRUCTIONS:

1. To check for proper wiring installation or to check system response to a low oil level condition, **Press and Hold Test Button.**
2. To return controller to normal operation, simply release test button.

SWITCH SPECIFICATIONS: Case to Ground: 2 AMP,
30 VAC/30 VDC

SWITCH ADJUSTMENT:

Switch adjustment is not recommended. Improper setting may result in damage to engine. Switch is factory set at 1/2" below center of sight window. The test button must be removed for switch adjustment.

Removing the test button assembly for switch adjustment:

- Unscrew the test button using a deep 5/8" socket. Make sure the socket completely covers the test button, not just the rubber boot. If the rubber boot is inadvertently removed, care must be taken to ensure the return spring and actuation pin are not lost.

Actual Switch Adjustment: Refer to figure 2 and follow these instructions:

- Remove the cover of the condulet housing (A) by unscrewing the 6 screws(B).
- Rotate the slotted set screw(C) counter-clockwise to lower the switch trip point.
- Rotate the slotted set screw(C) clockwise to raise the switch trip point.
- Attach the wire from the controller to the low tension terminal on the magneto.

Replacing the test button assembly after switch adjustment:

- Before reinstalling the test button, check the O-ring for any damage. If damaged, replace O-ring.
- Re-install the test button using the 5/8" socket. **Do not overtighten!** A snug fit is all that is required to retain the test button and provide a water-tight seal.