

REVERSIBLE PLATE COMPACTOR SPEED CONTROL

Due to an above-average incidence of failure, the Hatz CAN rotary throttle devices have been redesigned. The new updated device is physically different from the previous iterations. As a result, the mounting bore on the handle of the plate compactors is too small for the new devices and must be modified. Multiquip has updated their design to allow proper fitment on all new production units. However, older units in the field will require modification for proper installation.

The following serial number range list indicates when the production change took place on the newly implemented mounting.

- MVH308DE: S/N J10213~ / August 2023 production
- MVH408DE: S/N J10324~ / December 2023 production
- MVH508DE: S/N J10146~ / October 2023 production

Original Mounting



New Mounting



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Work Instructions

1. Remove the outer panel from the handle by removing 6 screws, (Ref. Fig. 1).
2. Remove the throttle by removing 4 screws and unplugging from the harness, (Ref. Fig. 2).

*** Note: Use caution not to drop the backing plate into the handle when removing.**



Fig. 1

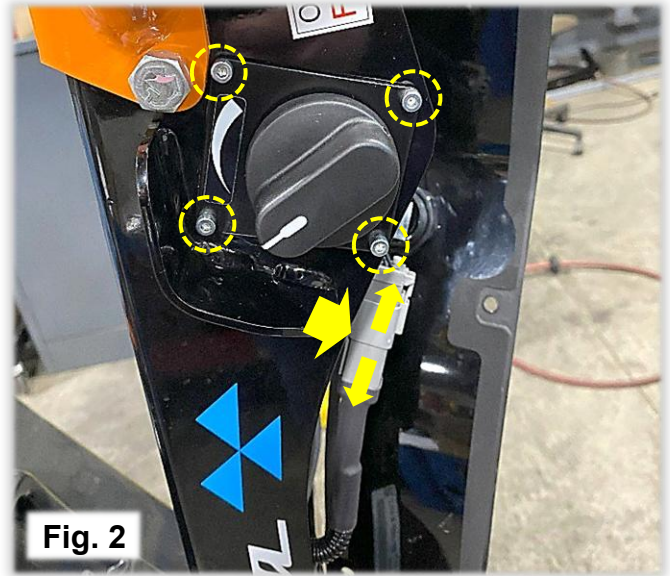


Fig. 2

3. For the following steps, use a caliper as shown, or similar tool and mark the handle for modification.
4. Start from the right side and make a mark (.625") from the center of the right-side bolt hole on the top and the bottom of the opening, (Ref. Fig. 3 & 4).

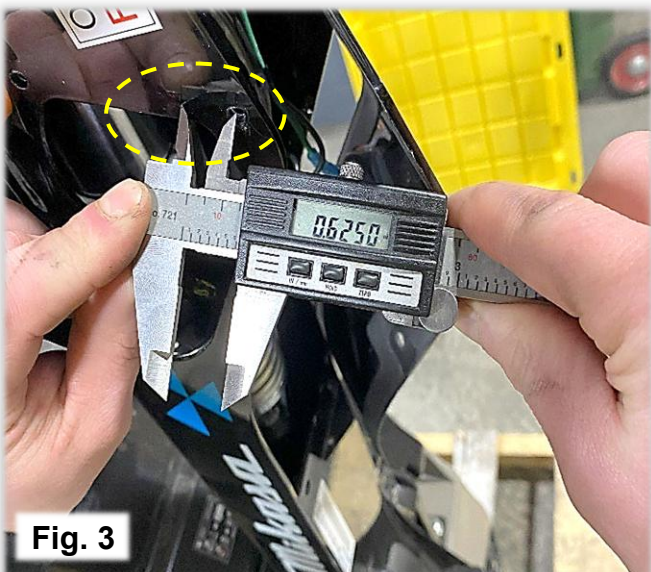


Fig. 3

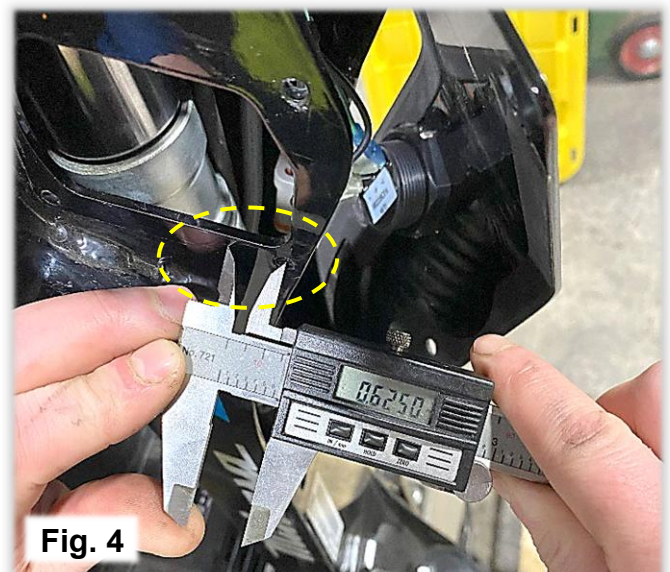
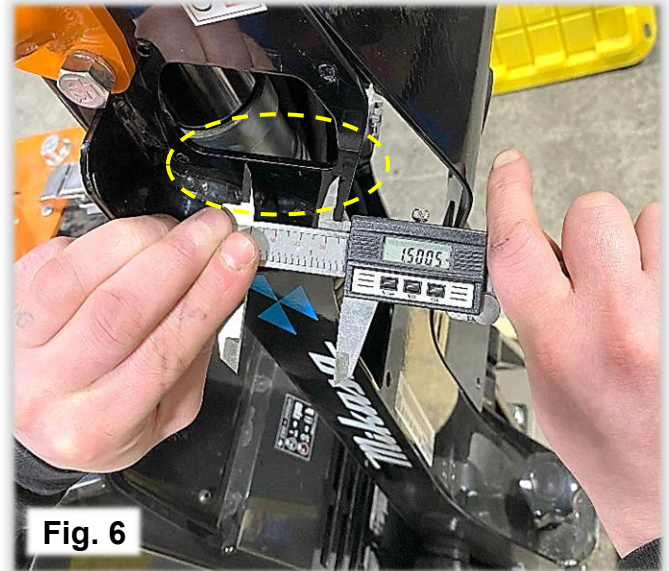
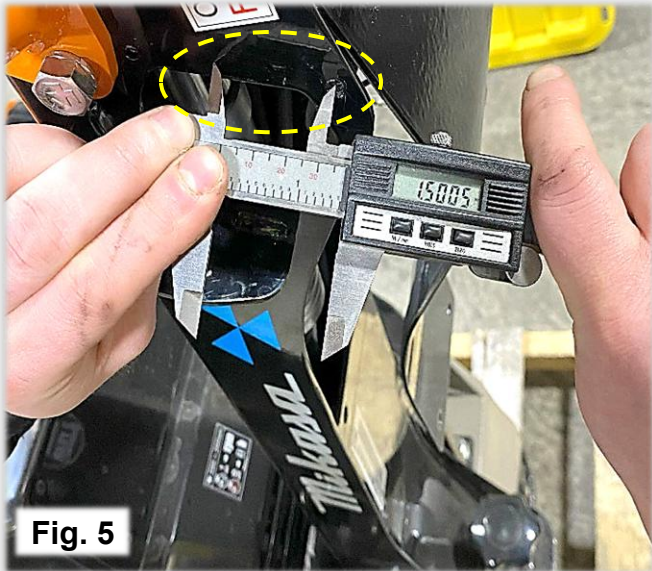


Fig. 4

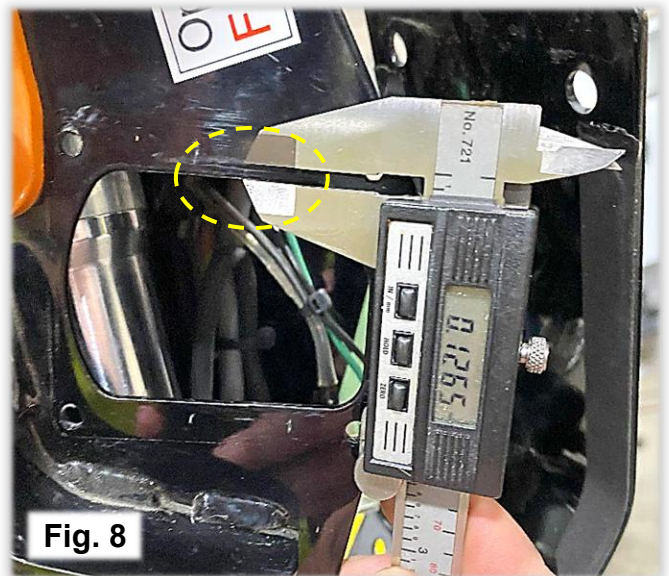
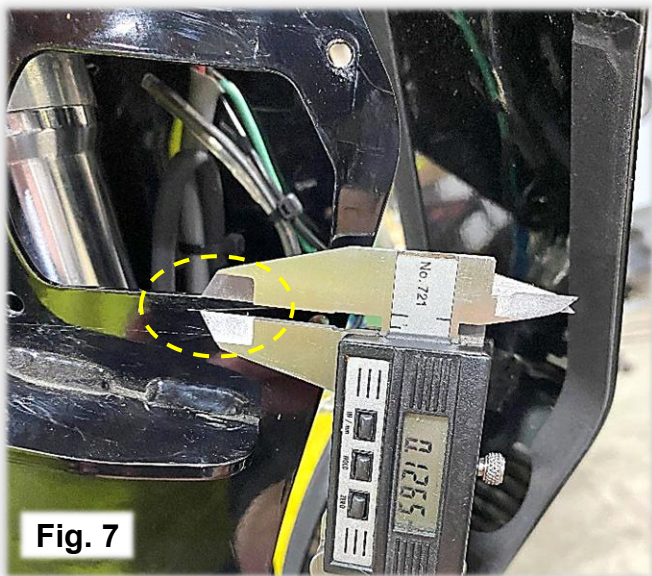
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5. Then, make a mark 1.50" from the center of the top and bottom right-side bolt hole, (Ref. Fig. 5 & 6).

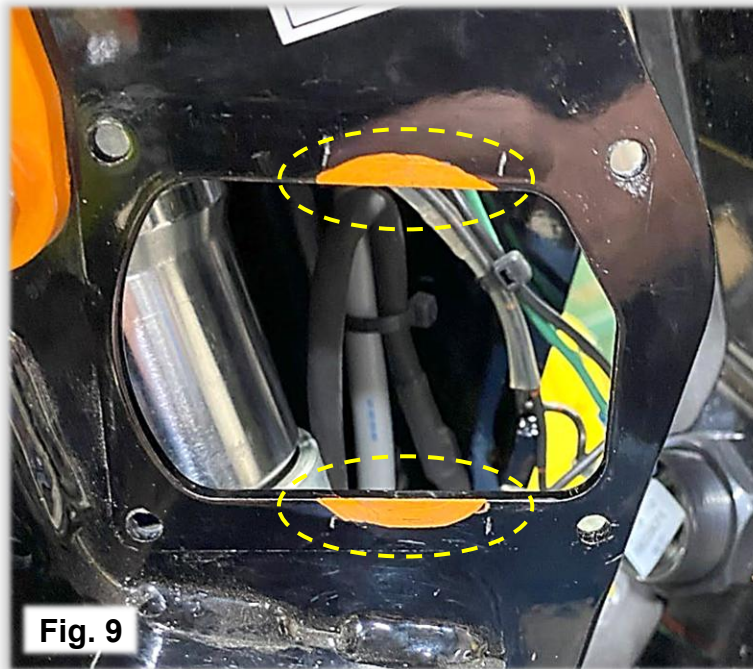


6. Next, make a mark .125" down and up from the cutout, in the middle of the two marks previously made, (Ref. Fig. 7 & 8).

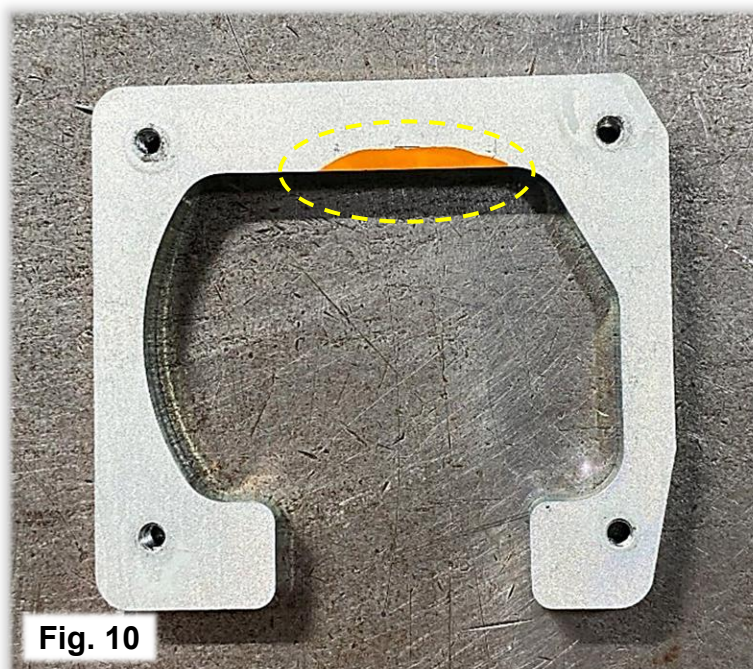


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7. Use a paint marker to draw a half-moon shape starting from the outside marks and reaching the middle mark on the top and bottom of the cutout, (Ref. Fig. 9).

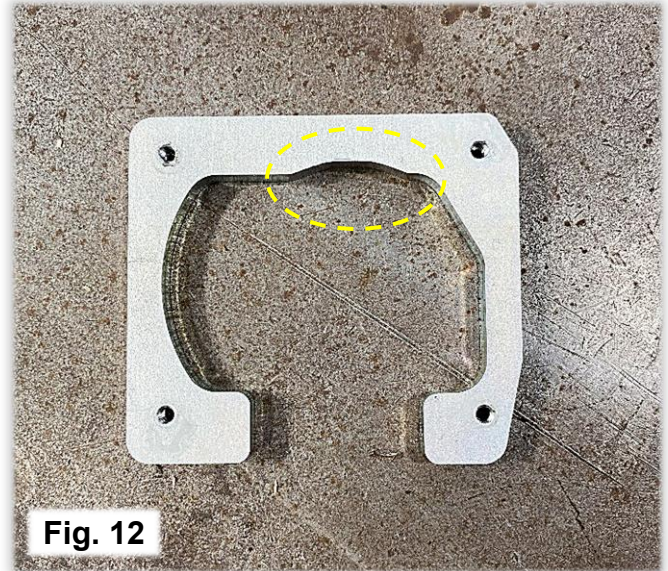
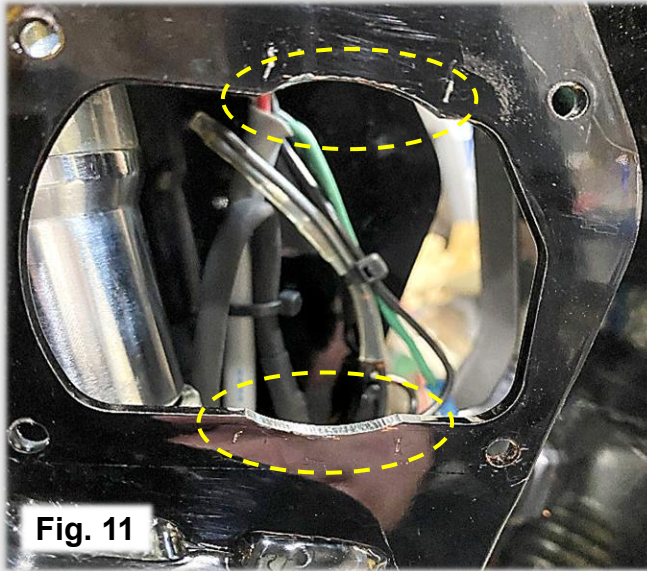


8. Repeat instructions 4 – 7 for the top of the backing plate, (Ref. Fig. 10).

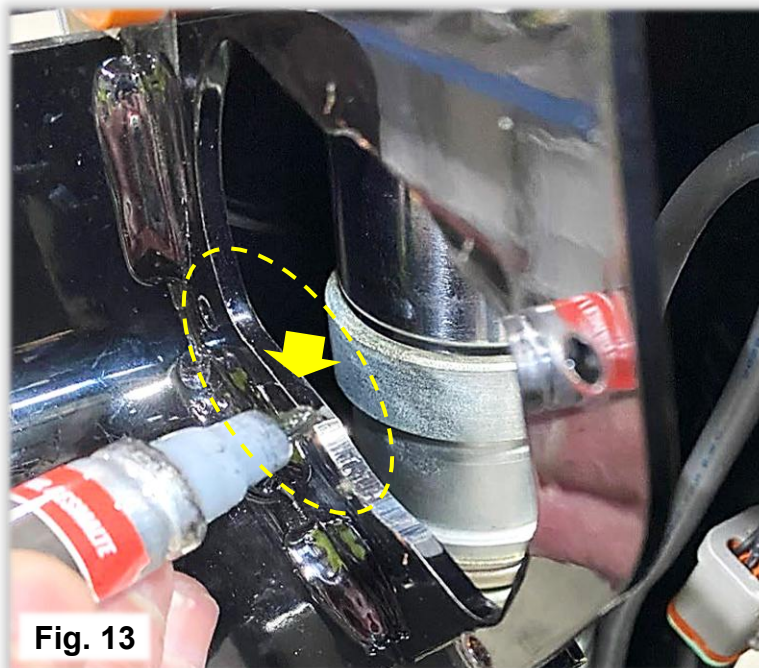


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9. Use a carbide bit grinder to remove the previously marked part of the handle on the top and bottom of the cutout, (Ref. Fig. 11).
10. Then, use the grinder to remove the marked part of the backing plate, (Ref. Fig. 12).



11. Use a paint stick or similar product to cover the bare metal of the handle, (Ref. Fig. 13).



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12. Loosen the locking screw from the knob of the speed control, (Ref. Fig. 14).
13. Loosen the 3 screws behind the knob and rotate the plate 180°, (Ref. Fig. 15).
14. Reinstall previously removed screws on the plate and reinstall the knob and tighten the locking screw, (Ref. Fig. 14 & 15).
15. Install the new speed controller and tighten down the bolts using Loctite 242, (Ref. Fig. 16)
16. Plug in the speed controller and reinstall the cover to the handle.
17. Test operation.

