

MY .020 TD TANK

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Several years ago, the back plate holding screw boss broke off. Rather than tossing the tank into scrap box, I made a plate from T6 aluminum. The drawing below shows all details of the reclamation.

A — four mounting holes for attaching plate and tank to case.

B — two cutouts to clear outside mounting screw shoulders inside tank.

C — cutout to allow free flow of fuel in tank.

D — center boss tapped for original back plate screw.

E — .031" thick.

OD of the plate is .010' less than ID of the tank at the surface of the case screw shoulders.

Very little fuel volume was lost.

The part is heavier than plastic, but, the tank is again functional.

