

## ROTO-TECH STV170 FUEL TANK MODIFICATION INSTRUCTIONS

A small number of the early STV170 Vertical Engines suffered from fuel leaks from the glued joint of the plastic fuel tank integral with the engine cover. The manufacturer has supplied a modification kit to remedy this problem.

This modification should be carried out by a qualified small engine service technician. We recommend that you arrange for this to be done by your nearest LMC Roto-Tech Dealer.

### Modification Kit Contents- See Figs 1 & 2

1. Engine Cover
2. Starter cover
3. Filter Cover
4. Fuel Tank & Cap (new Type)
5. Air Filter (Bonus)
6. 2 x Filter Cover Bolts
7. 2 x Bracket bolts
8. 1 x Main tank attachment bolt & Washer
9. Mounting Bracket
10. 2 x Rubber tank mounting bushes
11. 1 x tank mounting spacer



Fig 1

First check that all necessary components are present. Your original Air filter , Air filter cover, Air Filter cover bolts and starter cover are interchangeable with the parts supplied in this kit and may be retained as spares for future use.



Fig 2

- 1). Remove engine cover and integral fuel tank.
- 1). Remove engine flywheel using approved puller tool.
- 3). Bolt supplied bracket to rear of engine crankcase. See Fig 3
- 4). Refit flywheel. Torque flywheel bolt to 55 Nm



Fig 3



Fig 5



Fig 4

- 5). Fit rubber washers and spacer to new fuel tank attachment point. See Fig 4
- 6). Attach to bracket using supplied bolt. Do not fully tighten. See Fig 5

- 7). Fit new engine cover over the top of the fuel tank. Loosely fit the top cover attachment bolts. See Fig 6
- 8). Align fuel tank with the top cover ensuring that there is no stress at attachment points or where fuel filler passes through cover.
- 9). Tighten fuel tank attachment bolt and top cover bolts. Refit fuel line and check for leaks.



Fig 6

