

Slick Fit Booster Kit (SFBK) Refilling Instructions

WARNINGS;

- 1) The cylinders are supplied FULL, do NOT operate the system (even for basic testing), until it is fully fitted to the intended vehicle.**
- 2) Propane fuel is highly flammable, take extreme care whilst re-filling and avoid any naked lights or sources of ignition.**
- 3) Avoid contact with liquid propane and/or nitrous as they can cause freeze burns.**
- 4) Always use protective gloves and goggles and take extreme care when re-filling.**
- 5) NEVER remove the cylinders from the system. If there are any contents in the cylinders, removing them will cause them to release their contents uncontrollably.**
- 6) In the event of a freeze burn treat as you would any other kind of burn.**

Refilling procedure;

- 1) ALWAYS top up the propane cylinder first, to ensure you never run out of propane, as this would cause the engine to run lean, which could potentially cause damage.
- 2) Undo the pipe retaining nuts and remove the outlet adaptors from the solenoid outlets.



- 3) Disconnect the solenoid electrical connection and remove the SFBK from the vehicle.
- 4) Unscrew the solenoid mounting bolt to remove the propane solenoid and cylinder (as a complete unit) from the SFBK mounting bracket.



- 5) When removed, weigh the complete unit and compare it to the normally full weight of 710g.



- 6) The empty weight of complete propane unit is 622g and the aim of refilling is to get as close to the full weight as possible but as long as you fill it to above 690g that will be fine.

Prepare to refill as follows.

7) Re-filling is easiest when the cylinder is cold, putting them both in the freezer for 30 mins will help achieve a good fill.

8) Fit the solenoid refill adaptor to the outlet of the sole



9) Connect the propane supply pipe to the solenoid re-fill adapter.



10) Place the complete unit on a set of suitable scales, turn on the master bottle valve and activate the solenoid with a 12V supply, while watching the weight increase.



ONLY A 'SWITCHED' SUPPLY MUST BE USED TO ENERGISE THE SOLENOID, DO NOT HOLD BARE WIRES TO A BATTERY AS IT WILL CAUSE SPARKS WHICH WILL IGNITE EVEN SMALL AMOUNTS OF LEAKED PROPANE.

- 11) Once the weight has either exceeded the minimum refill weight of 690 grams or it reaches the full weight of 710g, switch off the 12V supply to the solenoid and turn off the master valve. Using a pair of gloves, CAREFULLY disconnect the pipe and remove the adaptor from the solenoid outlet (beware of escaping gas as it's extremely cold).

- 12) Repeat the above instructions for filling the nitrous cylinder. Keep in mind that the nitrous unit is still connected to the mounting bracket, so the target weight is 764g - **for optimum results it is essential that you achieve a 'complete' fill.**

- 13) For best results allow the SFBK to warm up to room temperature before refitting it to the vehicle.

- 14) When ready, refit the outlet adaptors, refit the SFBK to the vehicle, connect up the outlet pipes and reconnect the electrical connections ready to use again.