

### Description

The 51037 and 51039 automatic shut off fuel nozzles are designed for delivering diesel or petrol in conjunction with an electric pump. With today's customers in mind, they are lightweight & compact yet heavy duty enough to handle the rigours of the toughest applications. The 51037 comes complete with a ¾" BSP inlet swivel and 51039 with a 1" BSP inlet swivel for ease of use. The 51037 has a flow rate of up to 60 litres per minute while the 51039 has a flow rate of up to 120 litres per minute. These heavy duty nozzles are fully serviceable with spare parts readily available for if ever required. (Not suitable for gravity feed tank applications).

### Specifications

|                  |   |
|------------------|---|
| Uses             | Automatic shutoff nozzles for diesel or petrol fuel transfer with electric pumps                |
| Materials        | Body: aluminium. Seals: buna-n & viton. Outlet spout: stainless steel with viton cased oil seal |
| Working Pressure | 26psi (Not suitable with gravity feed applications).  |
| Delivery Rate    | 51037 up to 60 litres per minute; 51039 up to 120 litres per minute                             |
| Weight           | 51037 - 1.25kg; 51039 - 1.6kg   |

### Assembly Procedure Instructions

Connect the hose assembly from your electric pump to the automatic shut off fuel nozzle ¾" or 1" BSP inlet swivel using thread tape to ensure there are no leaks. Tighten firmly.

Turn on the intended power source and pump and test using a small canister to ensure the automatic shut off function is working effectively. The pump motor will start to drive the vane pump head and when you open the nozzle, fuel should start to flow from the fuel nozzle. Test it shuts off when vessel is full.

When not in use, please store your fuel nozzle in the pumps nozzle holster where possible to ensure no contaminants can enter the fuel nozzle. Contaminating the fuel outlet spout can block the sensor pressure tube and valve thus stopping the nozzle from shutting off.

### Important to note

Always be vigilant and keep an eye on your pump and auto shut off nozzle to ensure good, safe work practices are adhered to. Never walk away or leave your pump and nozzle unattended. Always keep your nozzle clean as above or failure to do so may incur repair charges and or void the manufacturer's warranty.

### Limited Warranty Policy

- 1 The manufacturer warranty's this product against defects in material & craftsmanship for 12 months from date of purchase.
- 2 The manufacturer's liability is limited to the replacement or repair of the defective material within the warranty period, when returned freight prepaid to Alemlube or their designated service depot.
- 3 The warranty does not cover damage caused by accident, misuse or faulty installation.

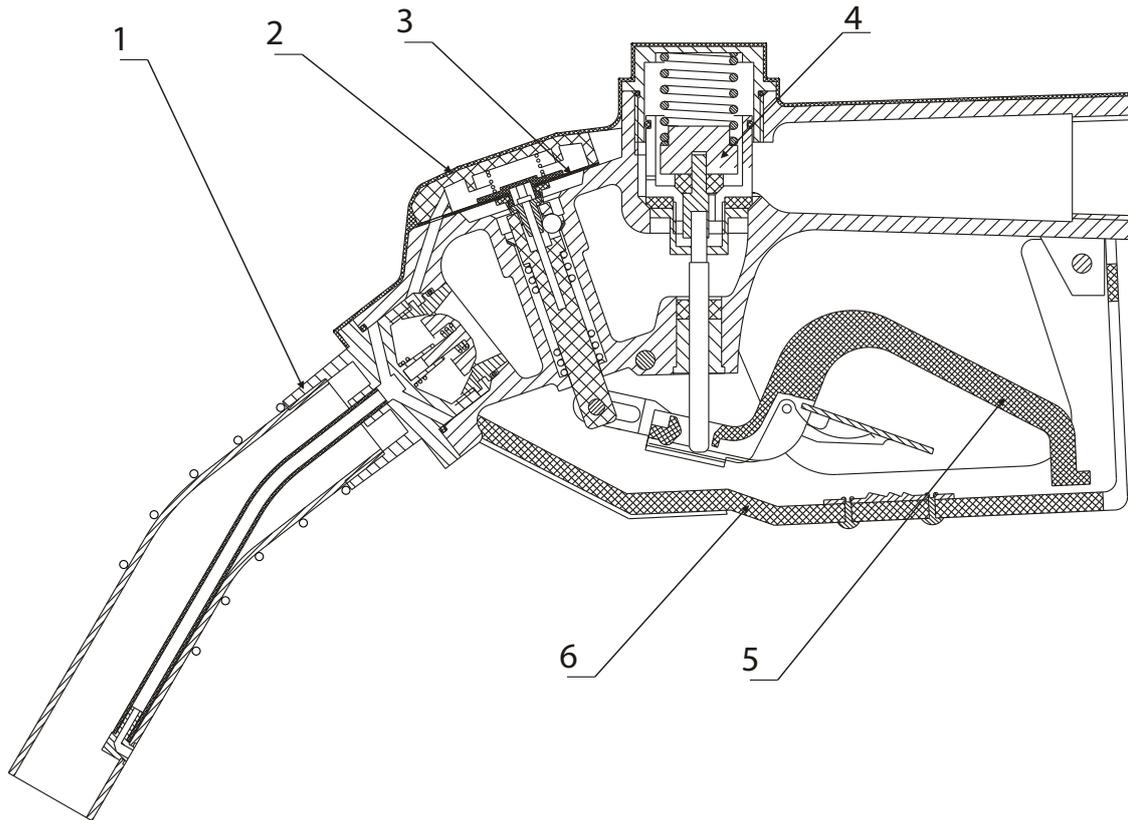


51037



51039

# Parts And Drawing Breakdown 51037/51039



## Ordering Spare Parts

### Parts List – Part No. 51037/51039

| Item No. | Part No.     | Description              | Qty | Item No. | Part No.     | Description              | Qty |
|----------|--------------|--------------------------|-----|----------|--------------|--------------------------|-----|
|          | <b>51037</b> |                          |     |          | <b>51039</b> |                          |     |
| 1        | 51037-1      | Spout 15/16"             | 1   | 1        | 51039-1      | Spout 1-3/16"            | 1   |
| 2        | 51037-2      | Protective rubber sheave | 1   | 2        | 51039-2      | Protective rubber sheave | 1   |
| 3        | 51037-3      | Diaphragm assembly       | 1   | 3        | 51039-3      | Diaphragm assembly       | 1   |
| 4        | 51037-4      | Main valve assembly      | 1   | 4        | 51039-4      | Main valve assembly      | 1   |
| 5        | 51037-5      | Lever assembly           | 1   | 5        | 51039-5      | Lever assembly           | 1   |
| 6        | 51037-6      | Lever guard              | 1   | 6        | 51039-6      | Lever guard              | 1   |
| -        | 502520       | 3/4" Inlet swivel        | 1   | -        | 502525       | 1" Inlet swivel          | 1   |

## Trouble Shooting

| Problem                                    | Remedy   |
|--|--|
| Nozzle does not shut off                   | Check the minimum flow rate & the minimum & maximum pressure ratings of the nozzle vs the pump you are using. Check to see the nozzle is properly in the fill hole as liquid must cover the shut off port hole on the bottom of the spout. Check the o rings inside the spout to ensure they are not cut or missing. |
| Nozzle shuts off too early                 | Check the flow rates, they may be too high for the fill hole. Reduce the flow rate. Make sure the nozzle is properly inserted into fill hole. Adjust the angle to suit.  |
| Nozzle continuously leaks out of the spout | Look for dirt and other contaminants in the main valve (poppet). Unscrew spout & inspect & clean valve as required.  |

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