

# Technical Service Bulletin - Generators

**TSB nr :** GEN - 004

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**Revised (10-12)**

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<b>SUBJECT:</b>	Electrical Fuel pump 12V dc
<b>MODELS AFFECTED:</b>	G16
<b>SYMPTOMS:</b>	G16 has difficulties to run on an external tank.
<b>CAUSE:</b>	Original Mitsubishi pump can give problem to suck the fuel out of external fuel tank.
<b>REMEDY:</b>	Install the bigger and stronger Facet pump (datasheets see next pages)
<b>ACTION:</b>	Dito
<b>CPN nr – List Price</b>	17145137 - €374.72
<b>NOTE:</b>	Costs <b>can't</b> be reimbursed as warranty!

# Motor Components, LLC.

*WE MOVE FUEL.*

## Universal Solid State High Performance Heavy Duty Duralift® Electronic Fuel Pump



The Purolator logo features a stylized blue and red graphic above the word 'Purolator' in a bold, red, sans-serif font.

The 'MADE IN USA' logo features a stylized American flag graphic above the text 'MADE IN USA' in a bold, black, sans-serif font.

The Facet logo features a stylized red and black graphic above the word 'Facet' in a bold, black, sans-serif font.

# High Performance Heavy Duty Fuel Pump Rated for Diesel, Gasoline, Blended Alcohol fuels and additives.

## Duralift® Filter Pumps

High Performance Heavy Duty Electronic Pump

- **Application:** Refrigeration trucks, Marine Gen Sets Diesel Filtration Systems, Industrial applications, Other Diesel Lift applications. These pumps are rated for Diesel fuel, Gasoline, Blended alcohol fuels and fuel additives.
- **Solid State Reliability:** Proven on many original equipment applications No electrical contacts. No bearings or diaphragms to wear out or fatigue. Endurance life almost doubles that of our nearest competitor.
- **Easy to Install-Easy to Service:** Two bolt mounting makes installations easy. Nothing to adjust. The pump is self-priming to 120 inches (3.0 m). Vertical mounting is preferred to assure maintenance of rated pressures. The transparent housing allows for visual capability to monitor the cleanliness of the stainless steel filter.
- **Eliminates Vapor Lock:** When properly installed on most vehicles a constant, smooth, dependable supply of fuel under pressure is assured in the hottest weather or in high altitudes.

### • Features:

- Self-priming with a 10 ft. minimum lift
- Check valve
- 4 hour dry run
- 10 PSI
- 80 Micron Filter
- Minimum Dry Lift 120 inches
- 30 GPH
- 9 - 11.5 PSI

### • Features continued:

- 4 Hour Dry Run
- 80 Micron Stainless Steel Filter
- SAE J1455 Certified
- Transient Protection
- State of the art Electronic
- Sealed Electronics
- Built in check valve
- Reverse Polarity Protection
- Correcsion Resistant over 1000 hours salt spray
- Durable Transparent fuel bowl
- Light Weight - 3LBs at 7 1/4"
- Low Power Requirements 1.4 amp on average
- Self Priming and Self Regulating



**Duralift® Filter Pumps**

## Duralift® Filter Pump Listing

FACET PART NO.	VOLT	SHUTOFF PRESSURE MIN-MAX.	GPH	CONNECTOR	FITTING SIZE	CHECK VALVE	POSITIVE SHUTOFF VALVE	MIN DRY LIFT INCHES
40222	12	11.5 - 9	33	PACKARD	1/8-27 INT	YES	NO	120
40223	12	11.5 - 9	33		1/8-27 INT	YES	NO	120
40234	12	11.5 - 9	33		1/8-27 INT	NO	YES	120
40237	24	11.5 - 9	33		1/8-27 INT	YES	NO	120

Pompe FACET réf : 40222

Tension : 12V

intensité mesurée :

à l'amorçage : 1.7 A

en stabilisé : 1.5A (qq soit la hauteur)

Flexibles aspiration et refoulement de pompe : diamètre 10 intérieur

Hauteur	débit
m	L/h
0	109.2
1	102
2	98.4
3	88.8
3.5	Pas d'amorçage

