TT805 Pumps

Information Book





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Document Control Information

DOCUMENT CONTROL INFORMATION

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0.1	Draft internal release
1.0	Initial Release
2.0	Update with part number table
3.0	Alterations to accessories
4.0	Alterations to accessories



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TransTech Overview

The *TransTech* fuel management system provides a range of solutions for 24 hour unattended and attended control and monitoring of industrial, commercial and retail refuelling systems. The range of products includes low-end commercial fuel management systems for small fleet operators and extends through to market leading retail forecourt automation and industrial-grade fuel management systems suitable for a variety of environments including harsh, remote and mobile applications.

TT805 Product Overview

The *TT805* fuel pumps and dispensers are produced with flow rate of 40, 80 or 160 LPM. The pumps have a 5 to 8m 19, 25 or 32mm hose with either 14, 19, 25 or 32mm nozzles.

The *TT805* range is built from a combination of high quality mechanical, electrical and hydraulic components, which have a proven track record in many applications around the globe, and the latest technology in electronic control systems for fuel dispensing equipment, which comply with the strictest international standards and provide the highest level of sophistication in the market.

A wide variety of different models are available and all with a suite of options and accessories, which provide clients with the ability to customise to suit specific needs and obtain the maximum benefit to their business through the many value-added features of the *TT805* brand.

TT805 Pumps and Dispensers

The **TT805** range of fuel pumps and dispensers provides comprehensive solutions to a wide variety of retail, commercial and industrial fuel dispensing applications.

Overview

The *TT805* range is built from high quality mechanical, electrical and hydraulic components, which have a proven track record in many applications around the globe. It incorporates the latest technology in electronic control systems for fuel dispensing equipment, which complies with the strictest international standards and provides the highest level of sophistication in the market.

A comprehensive range of models, options and accessories are available, which provide clients with the ability to customise to suit specific needs and obtain the maximum benefit to their business through many value-added features.

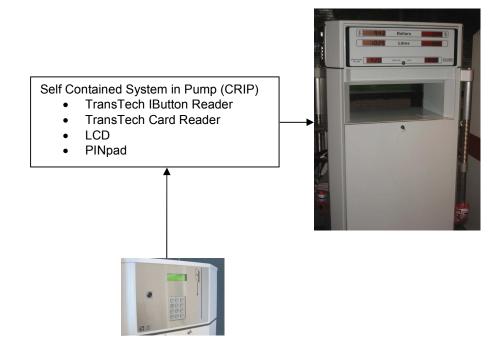
The *TT805* Ultra High Flow models are a powerful solution for high volume fuel dispensing applications, mixing high speed performance with all of the standard features of the 805 brand.











Flow Rate

Typical flow rate of is between 40 to 160-LPM (this is depending on site configuration and suction pipe lengths and diameter)

Models Available

- Dispensers
 - Lo Flow 40 LPM Diesel or Motor Spirit Single, Dual or Quad Hose Retail & Commercial
 - > Hi Flow 80 LPM Diesel or Motor Spirit Single or Dual Hose Retail & Commercial
 - ➤ Ultra High Flow 160LPM Diesel Single or Dual Hose Retail & Commercial
- Suction Pumps
 - Lo Flow 40 LPM Diesel or Motor Spirit Single, Dual or Quad Hose Retail & Commercial
 - Hi Flow 80 LPM Diesel or Motor Spirit Single or Dual Hose Retail & Commercial
 - ➤ Ultra High Flow 160LPM Diesel Single Hose Retail & Commercial

Ultra High flow diesel pump and dispensers with 160 LPM flow rate are dependant on the Configeration of the hydraulic layout of the site. A ZA 25 Nozzle is fitted as standard with the option of a ZA 32 if required. An 8m 32 mm hose is fitted as standard. A high mast retract hose support is offered as an option to keep the hose off the ground.



All above mentioned pumps are NMI approved and have are equipped with High Hose Masts. Pumps are fitted with dual retail displays. An 160LPM pump or dispenser is proposed for the efficient filling of trucks and road trains at a higher rate.

Construction

TT805 Pumps

- > External panels made from 2.5mm galvanised mild steel with powder coated painted finish
- Internal chassis and other structural components are made from galvannealed mild steel
- > Front and back access to lower (hydraulic) and upper (electronic) enclosures for ease of access
- Front and rear panel available in stainless steel on with price on request.

Electronics

- Incorporates Transponder Technologies' T5 electronic register
- Controlled by self diagnosing embedded processor with non-volatile memory
- > Pulser unit based on a highly accurate dual-channel design with connection verification
- > Displays available as commercial (litres-only) displays or retail (price, litres and price per litre) and are supplied as standard with backlighting
- Litres and price display modules consist of 6 x 25mm digits with two decimal places

Price per litre display modules consist of 4 x 15mm digits with two decimal places

Approvals

- SAA (electrical safety) approval certificate number AUS Ex 2615X
- > NMI (trade measurement) approval certification number 5/6A/211

Forecourt Communications

- > Australia/New Zealand forecourt communications protocol provided as default
- Supports several international forecourt communications protocols as options, including Dresser Wayne, Gilbarco and Tatsuno.

Options

- Litres display can be configured with floating decimal place to support volumes up to 99999.9 L
- Offers preset and prepaid functionality.
- > Supports integration with TT's peripheral technologies, including iTote, CRIP (Card-Reader-In-Pump) and tank gauging.



Electrical Supply

240VAC 50Hz single phase

Operating Environment

- Ambient operating temperature range –20C to +40C
- > Relative humidity operating range 5% to 95% non-condensing

Suction Pump Models

- > Fitted with two positive displacement, self priming, internal gear type rotary pumping units with internal bypass valves
- Suction strainer filters fitted at inlet
- Available with a flow rate switch to select between one-pump (80-LPM) and two-pump (160-LPM) operation
- Ultra High model incorporates the Liquid Control M5 positive displacement meter with micro-calibration
- Motors are 750W (1HP) 240VAC single phase approved Class 1 flameproof

Dispenser Models

- Available as one-hose and two-hose (as shown) models
- Fitted with petro-chemical filters on inlet rated to nominal 10 micron particle filtration (25 micron absolute filtration)
- Incorporates the Liquid Control M5 positive displacement meter with microcalibration







TT805 Accessories

TT supplies a range of accessories to complement the TT805 range of fuel pumps and dispensers. These include the following.

Accessories	Part #	Image
805 Underpump Dual Suction Sump	092410	
805 Underpump Dual Pressure Sump	092411	
805 Underpump Single Pressure Sump	092412	
Triangle Assembly - 1.5" Suction line	092413	The state of the s
Single Poppet Shear Valve 1.5"	092414	
Boot-screw Seal 1.5"	092415	
Boot-screw Seal 0.5" / 0.75"	092416	



Accessories	Part #	Image
SS Braided Hose - 38mm x 450mm	092417	



TT805 Control Systems

The TT805 pumps and dispenser can have control and identification systems incorporated into unit to provide ID and control of the fuel being issued.

T6 Controller

The **76** Controller can be installed into the head of a pump to provide a single unit fuel management system. A CRIP (Card-Reader-In-Pump) is also required to provides sophisticated identification and control within a pump or dispenser. The **76** in the pump takes the place of a remote **773000** or **FC6000**. The controller will record all fuel transactions that are actioned through the CRIP on the pump. Each driver or vehicle will have an ID device (Magcard or iButton) which can be used at the pump. The pump controller then checks the ID for validity, fuel types available and whether any extra information is required such as odometer. Once all this has been verified, the system will dispense fuel and the amount dispensed is recorded in the controller. This information can then be downloaded into a PC software package called **TransHost** for further analysis via a GSM / 3G / WiFi / Radio link.

The system capability is based around a **TT3000** or **FC6000** site controller. Please refer to documents on these for further information.

CRIP

The CRIP (Card-Reader-In-Pump) provides sophisticated identification and control within a pump or dispenser. The CRIP unit is connected to a site controller (such as a *TT3000* or *FC6000*) to provide site control. The CRIP provides a user interface at each pump that links back to the site controller. Each driver or vehicle will have an ID device (Magcard or iButton) which can be used at the pump. The system then checks the ID for validity, fuel types available and whether any extra information is required such as odometer. Once all this has been verified, the system will dispense fuel and the amount dispensed is recorded in the controller. This information can then be downloaded into a PC software package called *TransHost* for further analysis.



iTote

The *iTote* intelligent tote is an embedded feature of the *T5* Processor Module. It consists of a number of electronic totaliser accounts, which are stored in the modules' memory. Each totaliser account is accessed by an ID device called an "Operator's Key", which is allocated to a user. When a valid Operator's Key is presented by a user at a fuel pump in which the *iTote* feature is enabled, the *T5* Processor authorises fuel to be issued and records the amount against the relevant *iTote* totaliser.

Features

- > iTote is based on the well-proven and widely-accepted iButtonTM identification and information technology.
- The base level iTote system provides 50 individual totalisers. Extended performance is available through the "iTote Plus" option, which provides up to 470 individual totalisers.
- The individual iTote totaliser values can be viewed via the T5 Display. A "Display Key" is used to access this feature, in which the T5 Display scrolls through the totalisers.
- For systems employing a larger number of iTote totalisers a "Tote Upload Key" can be used to electronically extract the iTote totaliser values from the T5 Processor.
- The *iTote* values that are extracted by the Tote Upload Key can be loaded into a PC application called "*iTote* Manager", which provides a number of functions including system setup, maintenance and reporting.
- The setup of an iTote system in a fuel pump can be performed either manually or through the transfer of setup information from the iTote Manager application via a "ID Download Key".





TT805 Model Numbering

The general format of the model number is "805–X–XN–XNY-XNY–XY–X-X". The individual fields are defined below.

Meter Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents the meter that is fitted the model of which the available options are as follows:

DW The Dresser Wayne 2PM-6 two-piston positive displacement meter.

LC The Liquid Control M-5-1 positive displacement meter.

Hydraulic System Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents the hydraulic system of the model of which the available options are as follows:

- D A dispenser model through which product is supplied by an external pump.
- P A pump model through which product is supplied by one or two internal suction pumps

Inlet/Outlet Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents the number of inlets and outlets that are fitted to the model. In a dispenser model the number of inlets corresponds to the number of filter assemblies fitted and in a pump model to the number of suction pumps. In both models outlet refers to the number of hoses. The available options are as follows:

- 11 One inlet and one outlet
- 12 One inlet and two outlets
- 21 Two inlets and one outlet
- 22 Two inlets and two outlets
- 24 Two inlets and four outlets

End Configuration Fields

805-X-XN-XNY-XNY-XY-X-X-X

These two fields represent the configurations of the two ends of the model. The first of the two fields corresponds to End 1 of the model and the second End 2. X represents product, N represents flow rate and Y represents the presence of a solenoid valve. In single outlet models the End 2 field is left blank. The available product options are as follows:

- B Biodiesel
- D Diesel
- K Kerosene
- P Petrol

The available flow rate options are as follows:

- 40 40 litres per minute
- 80 80 litres per minute
- 160 160 litres per minute



The available solenoid valve options are as follows:

S Solenoid valve is fitted

No solenoid valve fitted (ie. field left blank)

Display Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents the display type that are fitted to the model. X represents the side 1 display type and Y represents the side 2 display type. The available options are as follows:

- R Retail (ie. litres, dollars and price per litre) displays are fitted.
- C Commercial (ie. litres only) displays are fitted.
- B Blank dial plate is fitted (note: only side 2 can be blank).

NMI Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents whether a model is NMI approved as follows:

- N NMI approved
- X Not NMI approved

All pump models are built with a gas elimination mechanism and NMI approval is achieved through the addition of a gas detection mechanism. However, gas elimination/detection is not relevant to dispenser models and therefore, by default, all dispenser models are NMI approved.

Forecourt Communications Network Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents the forecourt communications network (FCN) that is fitted to the model as follows:

- E Email FCN
- G Gilbarco Australia FCN
- N NZPP FCN (805 native FCN)
- X FCN is not fitted

Preset Field

805-X-XN-XNY-XNY-XY-X-X-X

This field represents whether a preset option is fitted to the model as follows:

- P Preset is fitted
- X Preset is not fitted



TT805 Standard Builds

Commercial pumps (C/P) are supplied with single litres only displays, NMI approved, and High Hose Mast as standard

- Retail pumps (R/P) are supplied with double retail displays, NMI approved, and High Hose Mast as standard
- Commercial dispensers(C/D) are supplied with single litres only displays, NMI approved, and High Hose Mast as standard
- Retail dispensers (R/D) are supplied with double retail displays, NMI approved, and High Hose Mast as standard
- All 40LPM pumps and dispensers are supplied as Petrol
- All Ultra High Flow pumps and dispensers are supplied with 32mm hoses and 25mm ZVA nozzles as inclusive standard
- Pumps and Dispensers are supplied with either PEC or Gilbarco pump comms as standard



Model List

TT805 Dispenser Pricing

Model Name	Model Descriptor
Single Commercial Lo Flow Dispenser	805-DW-D11-P40S-CB-N-N-X
Single Retail Lo Flow Dispenser	805-DW-D11-P40S-RR-N-N-X
Single Commercial Hi Flow Dispenser	805-DW-D11-D80S-CB-N-N-X
Single Retail Hi Flow Dispenser	805-DW-D11-D80S-RR-N-N-X
Single Commercial UltraHi Flow Dispenser	805-LC-D11-D160S-CB-N-N-X
Single Retail UltraHi Flow Dispenser	805-LC-D11-D160S-RR-N-N-X
Duo Commercial Lo-Lo Flow Dispenser	805-DW-D12-P40S-P40S-CB-N-N-X
Duo Retail Lo-Lo Flow Dispenser	805-DW-D12-P40S-P40S-RR-N-N-X
Dual Commercial Lo-Lo Flow Dispenser	805-DW-D22-P40S-P40S-CB-N-N-X
Dual Retail Lo-Lo Flow Dispenser	805-DW-D22-P40S-P40S-RR-N-N-X
Dual Commercial Lo-Hi Flow Dispenser	805-DW-D22-P40S-D80S-CB-N-N-X
Dual Retail Lo-Hi Flow Dispenser	805-DW-D22-P40S-D80S-RR-N-N-X
Dual Commercial Hi-Hi Flow Dispenser	805-DW-D22-D80S-D80S-CB-N-N-X
Dual Retail Hi-Hi Flow Dispenser	805-DW-D22-D80S-D80S-RR-N-N-X
Dual Commercial Hi-UltraHi Flow Dispenser	805-DWLC-D22-D80S-D160S-CB-N-N-X
Dual Retail Hi-UltraHi Flow Dispenser	805-DWLC-D22-D80S-D160S-RR-N-N-X
Dual Commercial UltraHi-UltraHi Flow Dispenser	805-LC-D22-D160S-D160S-CB-N-N-X
Dual Retail UltraHi-UltraHi Flow Dispenser	805-LC-D22-D160S-D160S-RR-N-N-X
Quad Commercial Lo-Lo Flow Dispenser	805-DW-D24-P40S-P40S-CC-N-N-X
Quad Retail Lo-Lo Flow Dispenser	805-DW-D24-P40S-P40S-RR-N-N-X

TT805 Pump Pricing

Model Name	Model Descriptor
Single Commercial Lo Flow Pump	805-DW-P11-P40S-CB-N-N-X
Single Retail Lo Flow Pump	805-DW-P11-P40S-RR-N-N-X
Single Commercial Hi Flow Pump	805-DW-P11-D80S-CB-N-N-X
Single Retail Hi Flow Pump	805-DW-P11-D80S-RR-N-N-X
Single Commercial UltraHi Flow Pump	805-LC-P21-D160S-CB-N-N-X
Single Retail UltraHi Flow Pump	805-LC-P21-D160S-RR-N-N-X
Duo Commercial Lo-Lo Flow Pump	805-DW-P12-P40S-P40S-CB-N-N-X
Duo Retail Lo-Lo Flow Pump	805-DW-P12-P40S-P40S-RR-N-N-X
Dual Commercial Lo-Lo Flow Pump	805-DW-P22-P40S-P40S-CB-N-N-X
Dual Retail Lo-Lo Flow Pump	805-DW-P22-P40S-P40S-RR-N-N-X
Dual Commercial Lo-Hi Flow Pump	805-DW-P22-P40S-D80S-CB-N-N-X
Dual Retail Lo-Hi Flow Pump	805-DW-P22-P40S-D80S-RR-N-N-X
Dual Commercial Hi-Hi Flow Pump	805-DW-P22-D80S-D80S-CB-N-N-X
Dual Retail Hi-Hi Flow Pump	805-DW-P22-D80S-D80S-RR-N-N-X
Quad Commercial Lo-Lo Flow Pump	805-DW-P24-P40S-P40S-CC-N-N-X
Quad Retail Lo-Lo Flow Pump	805-DW-P24-P40S-P40S-RR-N-N-X



TT805 Options (additions)

Option Name	TT Part No
Display Assy Single Litres Rear	803513
Display Assy Dual Litres Rear	803547
Air Detection (for 40lpm Diesel hose)	803864
Email FCN Module	804616
Preset Module (per Hose)	803393
Hose Lo Flow (per extra metre)	802402
Hose Hi Flow (per extra metre)	802428
ZVA 32mm Nozzle	802818
Flow Rate Selection Switch 80/160	804666

TT805 Options (removals)

Option Name	TT Part No
Hose Mast Assy Lo Flow	803652
Hose Mast Assy Hi Flow	803644
Hose Assy Lo Flow	803725
Hose Assy Hi Flow	804268
Hose Assy UltraHi Flow	805531
Nozzle ZVA 4.1R 16mm	802795
Nozzle ZVA 4.1 19mm	802787
Nozzle ZVA 25.41 25mm	802800

TT805 Accessories

Accessories	Part #
805 Underpump Dual Suction Sump	092410
805 Underpump Dual Pressure Sump	092411
805 Underpump Single Pressure Sump	092412
Triangle Assembly - 1.5" Suction line	092413
Single Poppet Shear Valve 1.5"	092414
Boot-screw Seal 1.5"	092415
Boot-screw Seal 0.5" / 0.75"	092416
SS Braided Hose - 38mm x 450mm	092417



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TT805 ID Options

Option Name	Part #
iTote for inclusion in pump * iButtons to be purchased separately	
iTote Manager Software	
T6 Controller	
WiFi Interface to T6 Controller	
3G Interface to T6 Controller	
GSM Interface to T6 Controller	
Radio Modem Interface to T6 Controller	
CRIP	

^{*} For more information on iTote, please refer to the iTote Price Book



TT Standard Warranty Conditions

Warranty

Transponder Technologies warrants that it uses reasonable care and skill to ensure that its products are of reasonable quality and fit for purpose. All warranties are offered on a return to factory basis.

Transponder Technologies will at its cost and in its sole discretion:

- 1. Remedy any defect or fault in any product purchased; or
- 2. Replace any product in respect of which there is a defect or fault, during the warranty period, provided that written notice is given by the Purchaser to Transponder Technologies of any such defect or fault in the product as soon as the Purchaser becomes aware of that fault or defect. All warranty claims must be returned to Transponder Technologies for assessment.

All warranties are offered on a return to factory basis. Failure to return a faulty component for evaluation within 10 working days will negate all warranty unless otherwise negotiated with Transponder Technologies.

Transponder Technologies has no liability to remedy any defect in a product or replace a product where the defect or fault is, in the opinion of Transponder Technologies, caused or contributed to by:

- 1. The failure of the Purchaser to install the product according to specific installation instructions as specified by Transponder Technologies; and/or
- 2. Use of the product in a manner or for a purpose for which it was not designed.

Limitation of Liability

Except as provided for in this warranty, and to the extent allowed by law, Transponder Technologies' liability in respect of the product under the law of any State or Territory is excluded. Where liability may be limited but not excluded by any applicable State or Territory law, liability is limited to the full extent possible under that law.

This Clause will only apply in Australia to the extent to which the provisions of the Commonwealth Trade Practices Act 1974 (the "Act") apply to contracts entered into by Transponder Technologies for the provision of goods and services. In all other countries the local equivalent Trade Practices legislation shall apply and Transponder Technologies exercises all of its rights to limit its liability to the full extent allowed.

Liability for a breach of a condition or warranty implied by the Act is limited to any one of the following, as determined by Transponder Technologies in its sole discretion:

- 1. The replacement of the goods or the supply of equivalent goods;
- 2. The repair of the goods;
- The payment of the cost of replacing the goods or acquiring equivalent goods; or
- 4. The payment of the cost of having the goods repaired.

In no event will Transponder Technologies be liable to the Purchaser for any damages, including lost profits, lost savings or any other incidental or consequential damages arising out of the use or inability to use the product or any claim by any other party. All claims are limited to the repair or the replacement of the products only and do not include any labour or transportation charges. The entire risk as to the use and performance of the product is assumed by the Purchaser.

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Warranty as above shall cover defects in workmanship or materials disclosed within 12 months from the date of the invoice covering the original equipment unless otherwise agreed in writing by Transponder Technologies. The above relates to all aspects of hardware delivered as part of the package as well as all required integration tools.

Warranty on software shall extend to stated functionality for a period of 90 days from date of installation.

Warranty Exclusions

TT805 Pumps

Warranty Period

The warranty shall not apply:

- 1. Unless written notice of any defect and any claim in respect thereof has been given within the warranty period applicable
- 2. To articles which of their nature are consumable such as filters, drive belts, strainers, light globes or paper receipt tapes
- 3. If TT determines, in it's sole discretion, the equipment has been:
 - > Subject to misuse, abuse, negligence or accident;
 - > Connected to improper, inadequate or faulty power supply:
 - Installed, maintained or operated otherwise than in accordance with the instructions furnished at commissioning;
 - Initially powered up or commissioned or subsequently serviced, repaired or altered by uncertified persons;
 - > Used for any duty or subjected to any operating condition varying from that for which it was specifically supplied. Nor shall it apply in respect to any damage to the equipment arising from abrasion, erosion, corrosion, deterioration or the like.

Warranty at all times excludes the cost of return travel, meals and accommodation whilst on the site where personnel are required to effect the rectification.

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TT Warranty Process

Responsibility

Transponder Technologies' warranty process is formulated with customer service as our first consideration, however customers should note the responsibility to provide all evidence to establish a warranty claim is that of the customer and not Transponder Technologies. Failure of the customer to adhere to the stated Transponder Technologies warranty process or failure to substantiate a warranty claim will result in replacement components / units being billed at current spare part prices.

Requesting a Warranty Replacement / Repair

Customers should, when requesting a warranty replacement, ensure that as much information regarding the faulty component / unit is made available to Transponder Technologies to facilitate a prompt and accurate response by Transponder Technologies.

Requests to Transponder Technologies for replacement components/units will be facilitated without question and as soon as possible with a level of urgency in order to minimise disruptions to our customer's business, however the responsibilities of the customer to substantiate the warranty claim are clearly outlined below and will be enforced by Transponder Technologies without exception.

Warranty Claim Form

Customers will complete the specified Warranty Claim Form and send this form to Transponder Technologies within 5 working days of the warranty component / unit being shipped, unless otherwise agreed by authorised Transponder Technologies staff.

Failure to meet this condition will result in Transponder Technologies invoicing the customer for the component / unit at current spare part prices. Customers should note this process is non-negotiable and once an invoice is raised Transponder Technologies will not enter into further discussions on the matter.

The claim form should be completed to the best of the customer's ability and as much information as possible provided to establish the validity of the warranty claim. When completing the form the customer should be aware that the onus is on the customer, not Transponder Technologies, to validate the warranty claim in accordance with all terms of warranty as stated.

Return of Faulty Component / Unit

If not already returned with the Warranty Claim Form, Customers will return the faulty component / unit to Transponder Technologies within 10 working days of shipment of the replacement part, unless otherwise agreed by authorised Transponder Technologies staff.

Failure to meet this condition will result in Transponder Technologies invoicing the customer for the component/unit at current spare part prices. Customers should note this process is non-negotiable and once an invoice is raised Transponder Technologies will not enter into further discussions on the matter.

Freight Methods

Transponder Technologies will send all replacement components / units in accordance with the standard freight method used for each customer. Any changes to that method (e.g. urgent request for overnight bag) will be facilitated by the customer.

The customer is responsible for all freight costs incurred for the return of faulty components / units to Transponder Technologies' premises. Method of transport used will be determined by the customer however conditions above relating to returns should be noted.

Applying Terms of Warranty

Customers should note the terms of warranty, and the required warranty process outlined above, and be advised that Transponder Technologies will enforce these in relation to all warranty claims.



In determining whether to honour or reject a warranty claim, Transponder Technologies will, at its discretion, evaluate warranty terms such as warranty period and warranty exclusions based on information provided by the customer and inspection of the faulty component/unit.

In rejecting a warranty claim Transponder Technologies will advise the customer of the reasons for this rejection and will invoice the customer for the component/unit at current spare part prices.

While customer service remains our first priority, customers should ensure all relative information is supplied and all stated terms are met as all decisions made by Transponder Technologies in relation to warranty will be final.

Customers should note all rejections are non-negotiable and once an invoice is raised Transponder Technologies will not enter into further discussions on the matter.