

# Accessories.

# 06

Perfect Power Accessories Range.

# Perfect Power Products.

All products are manufactured by Digital Data Systems (Pty) Ltd in Johannesburg, South Africa. Digital Data Systems is a proudly South African company being the holding company for the Perfect Power brand of products and we have been in business since 1972. With German engineers at the helm, you can expect quality at an affordable price with innovative features.

Perfect Power specializes in the design and manufacture of fuel injection systems for every application from your everyday street car to your high-tech performance car.

All our products are made to the highest international standards with our advanced production facilities. We strive in making our products better and better each time. We do offer our spare production capacity out to our clients and we also offer custom made OEM products that suit our client's requirements and budgets. Please inquire at [info@ddsystems.co.za](mailto:info@ddsystems.co.za) with OEM in the subject for more information.

Brought to you by dds.

The logo features a large, stylized white letter 'P' on a red background. To the right of the 'P', the words 'Perfect' and 'Power' are stacked in a bold, italicized, white sans-serif font.

All our products are assembled by SMT (Surface Mount Technology) machine and then computer tested against a go / fail test procedure. Only once they pass all the tests, then only do they enter into the next phase. All products are then heat soaked for a period of 24 hours and then re-tested to make sure there are no component failures. This process ensures that the product you buy will last forever and give you years of service.

All Perfect Power products are powerful "real time" programmable fuel injection and ignition computer systems. High speed communication is achieved from USB communication. LetRipp II tuning software is used to manage the tuning, in real time, with all of our modern tuning units. The software was designed with tuners in mind and has many features to assist in the chip tuning process. All our products have extensive help documentation, application notes, FAQ and manuals that will answer almost every question you might have. Email [info@perfectpower.com](mailto:info@perfectpower.com) for support.

The Perfect Power range of products falls into three major categories: Stand Alone Systems and "Piggy Back" or Add-on Systems and "Accessories and Peripherals".

# Warranty.

Perfect Power unit(s) come with a 12 month warranty on the electronics, excluding the drivers, from shipment date. The warranty will fall away if:

- The unit(s) has / have been tampered with.
- The unit(s) has / have been abused, misused or incorrectly maintained.
- The unit(s) has / have been incorrectly installed.
- The unit(s) was / were not tested on receipt.

If the unit(s) was / were damaged in transit, then the dealer from whom the unit(s) was / were purchased, will replace it as soon as possible.

Please note that if the unit(s) has / have been working fine for a while and then fails, it could be because of one of the following:

- The unit(s) has / have been damaged in installation (not covered by warranty)
- One of the internal drivers has been destroyed (not covered by warranty)
- Malfunction of electronics (warranty claim)

The damaged unit(s) will need to be sent back to the factory, by your dealer, for inspection and a new unit(s) needs to be purchased to replace it. If the problem is a manufacturing fault, the cost of the unit(s) and shipping fees will be refunded. However, Perfect Power will not be held liable for the cost of removal, reinstallation, dyno time and mapping of the unit(s).

Perfect Power unit(s) need to be returned to your relevant dealer before any claims procedure can begin. PRS and SMT units CANNOT be repaired

## DISCLAIMER

Under no circumstances will Perfect Power be held responsible for any incidental, indirect, specific or consequential damages arising from the use of the unit(s).

## RETURNS

All returns need to be authorized in advance. Please contact us on +27 11 792 9805, or [info@perfectpower.com](mailto:info@perfectpower.com) for authorization.

# Warranty.

Please return the goods to one of the following addresses:

For returns by post :

Digital Data Systems (Pty) Ltd  
P O Box 1577 Bromhof  
2154 South Africa

For returns by shipping company :

Digital Data Systems (Pty) Ltd  
22 Arbeid Avenue  
Strijdom Park, Randburg  
South Africa

All returns must be sent prepaid and no collect shipments will be accepted. Please ensure the parcel for its full value. If we determine that we are at fault for the return, we will refund the shipping costs.

We cannot accept returns on custom ordered parts. We also cannot accept returns on used or installed parts, parts not in their original packaging, parts that are not in a resalable package and parts that have come into contact with oil, coolant or fuel.

# Contact.

Email : [Info@perfectpower.com](mailto:Info@perfectpower.com)  
Tel : +27 11 791 5947  
Fax : +27 11 792 9818  
Physical Address : 22 Arbeid Avenue, Strijdom Park, Randburg, South Africa, 2194  
Postal Address : P.O. Box 35872, Northcliff, Gauteng, South Africa, 2115



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## Rubber Boot

This accessory will be used as a protective cover against dust and liquids (waterproof). For use on the following units: SMT8-L, SMT6, SMT8-L Wireless, E-Tune, SMT8-T, 2.5Bar AMP Sensor, I-Switch and the Oxygen clamp.



## AIR-TEMP

Air Temperature Sensor. Perfect Power's Air temperature sensor is a must for boosted applications. Turbo and supercharger installations aren't complete without this little guy. Small and easy to fit. NTC or negative temperature coefficient type.



## AMP-2

2.5 Bar Manifold Pressure Sensor. Manifold pressure sensor 2.5 bar. Good for 1.5 bar boost pressure. Convenient 12 Volt power connection.



## AMP-3

3 Bar Manifold Pressure Sensor. Manifold pressure sensor 3.0 bar. Good for 2.0 bar boost pressure. Supplied together with 5 Volt regulator.



## ENG-TEMP

Perfect Power's engine temperature sensor. Small and easy to fit. NTC or negative temperature coefficient type.



## IGN-AMP

7 Amp Ignition Amplifier. 7 amp ignition amplifier for injectors or coils, has a heat sink for dissipating heat for high power applications. Easy to install.



## Oxygen Clamp

Narrow band lambda clamp for de-cat applications.



## SMT6 Plug

SMT6 Shorting Plug. Shorting plug for the SMT6 piggyback chip. Will revert the installation to standard.



## SMT8-L Plug

Shorting plug for the SMT8L piggyback chip. Will revert the installation to standard.



## SMT8-T Plug

SMT8T Shorting Plug. Shorting plug for the SMT8T piggyback chip. Will revert the installation to standard.



## SMT8 Plug

SMT8 Shorting Plug. Shorting plug for the SMT8 piggyback chip. Will revert the installation to standard.



## Trigger Wheel 60

60 tooth trigger wheel made from mild steel. Outside diameter of 170mm.



## Trigger Wheel 54

Trigger wheel 24+1 54mm. 24 + 1 tooth trigger wheel made from stainless steel. Outside diameter of 54mm. Replacement trigger wheel for some Nissan distributors.



## Trigger Wheel 50

Trigger wheel 24 + 1 50mm. 24 + 1 tooth trigger wheel made from stainless steel. Outside diameter of 50mm. Replacement trigger wheel for most Nissan distributors.



## Trigger Wheel 36W

36 tooth trigger wheel made from mild steel. Outside diameter of 100mm.





## Crank Sensor

Magnetic Crank Sensor. Magnetic crank angle sensor with 2 signal wires in a screen



## 5V Regulator

5 volt regulator to power throttle position sensors or manifold pressure sensors. Also supplied with a 3 Bar manifold pressure sensor - AMP-3.



## USB Cable

USB communication cable  
(New Ferrite Cores also available)



## SMT8-T Comm

SMT8T Communication Cable XY-PC13  
SMT8T Communication cable



## SMT6 Comm

SMT6 Communication Cable  
Communication cable for the SMT6 piggyback



## RS232-COMS

RS232 communication cable for MIC3, PRS and XMSV3 Stand Alone Units



## Ferrite Core

Ferrite Cores are used for noise reduction on the USB cable and to help stop interference with the communication on the USB cable and the LetRipp II software and unit. We suggest you purchase two of these cores for either end of the USB cable. A ferrite core is a passive electric component used to suppress high frequency noise in electronic circuits and we have found them most useful when we have experienced interference between the unit and software through the USB cable.