

PB SERIES POWERBOX
for SERIES 2 RANGE ROVER



CR SERIES POWERBOX
for TD4 & TD6 ENGINES



IP SERIES POWERBOX
for TD5 ENGINES



HOW TO ORDER

By Phone

You can place your order using Visa, MasterCard, Delta/Connect, Switch, Solo, American Express, Diners Club or JCB, quoting the card number, expiry date (and issue number where relevant), card holder's full name and registered card address.

By Post

We ask you to phone first if possible, to check your Powerbox selection and to advise of delivery charges. We accept payment by personal cheque even if the guarantee card limit is exceeded. We simply require your full name and address on the back of the cheque along with your cheque card number and, for business cheques, a relevant letterhead. Cheques or P.O.s made out to "Rimmer Bros Ltd" please.

By Fax

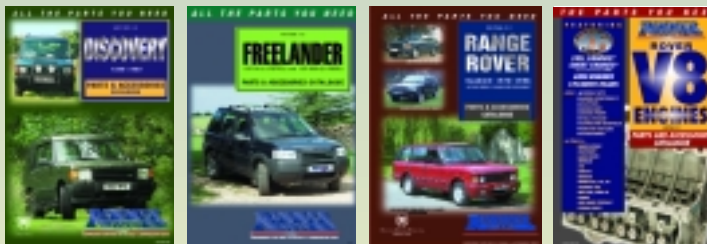
We will need your name, address (inc. postcode), credit card details and delivery address if different.

By E-mail

Our website has an online ordering facility: use our E-mail address for sending your order or enquiry.

Collecting in Person

If you wish to 'call and collect', you will always be made welcome at our shop and sales counter during business hours.



Our Parts & Accessories Catalogues are free.

Parts also available for Defender, Series vehicles, Classic Triumph and Rover SD1.

RIMMER BROS

INDEPENDENT SUPPLIERS OF ORIGINAL & AFTERMARKET PARTS FOR LAND ROVER

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RIMMER BROS

DIESEL

PLUG-IN

POWER UPGRADE

USING THE



Digital

POWERBOX

FOR THESE LAND ROVER ENGINES:

TD4 TD5 TD6

RANGE ROVER 2.5TD

SERIES 2 (P38A)

- *more power*
- *simple DIY fit*
- *no loss of economy*

PLUG IN A POWERBOX!

Significant power & torque increases are achieved by simply *plugging in* a Powerbox.

Installation is easy, with no specialist tools or skills required.

No irreversible modifications are made - the Powerbox can be removed just as easily and the vehicle reverts to its original state.

All Powerboxes are switchable: if required, they can be wired to a dash-mounted switch so the extra power can be turned on or off whenever you want.

HOW DOES IT WORK?

Powerbox is a high quality, *digital* management upgrade, incorporating a modern RISC microprocessor. The "chip" is carefully programmed - using the manufacturers standard fuel map as a foundation - and sends modified data to the injection pump, which then accurately meters the extra fuel required. Unlike many *analogue* devices, which crudely over-fuel throughout the entire rev-range, each Powerbox is specifically mapped for the intended application. Extra fuel is provided when needed - eliminating flat-spots and hesitation - but there is no unnecessary enrichment, meaning no loss of fuel economy and no *black smoke*. In fact, most Powerbox users report a noticeable improvement in fuel economy, as they discover it's no longer necessary to work their vehicle so hard.

WHERE IS IT FITTED?

On most vehicles, the Powerbox fits under the bonnet, interrupting the wiring loom from the engine ECU (on Defender, it fits under the driver's seat). Most Powerboxes are fitted with the original vehicle connectors, so installation is simply a case of unplugging the relevant connector and plugging in the Powerbox. Full instructions are supplied and no special tools or skills are required.

Powerboxes are small, neat and discrete. They are fully encapsulated in resin and are shock and water resistant.

HOW MUCH POWER WILL I GAIN?

On average, Powerboxes give around 20% increase in power and 10-15% increase in torque (see the power table opposite). However, more important is how the vehicle *feels*: throttle response, crispness and driveability are all immeasurably improved, while flat-spots and sluggishness are virtually eliminated.

In addition, further improvements can be made by fitting a K&N air filter and/or stainless steel exhaust system. With each of these enhancements, your Powerbox can be adjusted to give even better results.

Please see the tables on the right.

WHY NOT JUST HAVE MY ECU RE-CHIPPED?

Unlike an ECU chip, a Powerbox can be fitted and removed in minutes *by the vehicle's owner*. Also, as the Powerbox doesn't disturb the ECU, its presence cannot be detected by diagnostic equipment. Finally, when the vehicle is sold, the Powerbox can simply be removed and if required refitted to another vehicle.

In addition, Powerboxes are:

- ✓ TUV approved.
- ✓ Fully compliant with original exhaust emissions standards.
- ✓ Non-damaging to your engine.
- ✓ Powerbox is covered by a 3 year guarantee (limited liability).

DIESEL PLUG-IN POWER UPGRADE

THE ADDITIONAL OUTPUT FIGURES ARE THE MINIMUM THAT CAN BE OBTAINED

Prices correct
at August 2003

MODEL	APPLICATION	STANDARD OUTPUT		ADDITIONAL OUTPUT WITH PSI POWER BOX		PART NO	PRICE	
		BHP	TORQUE (NM)	BHP	TORQUE (NM)		EXC VAT	INC VAT
Defender	Td5 90kW 1999-2001	122	300	33	65	LL1060	395.74	465.00
Defender	Td5 2002 90kW 2001-2002	122	300	33	65	LL1061	395.74	465.00
Defender	Td5 mec 2003 101kW 2002 on	137	315	21	65	LL1062	395.74	465.00
Discovery	Td5 101kW 1999	137	315	21	65	RD1158	395.74	465.00
Discovery	Td5 auto 101kW 1999	137	300	21	65	RD1159	395.74	465.00
Discovery	Td5 auto 2002 101kW 2001-2002	137	315	21	65	RD1160	395.74	465.00
Discovery	Td5 mec 2002 101kW 2001-2002	137	315	21	65	RD1161	395.74	465.00
Discovery	Td5 mec 2003 101kW 2002 on	137	315	21	65	RD1162	395.74	465.00
Range Rover	2.5td 100kW 1995-1999	136	268	25	42	RA1456	395.74	465.00
Range Rover	2.5td 100kW 2000-2001	136	268	25	42	RA1457	395.74	465.00
Range Rover	3.0 Td6 130kW 2002 on	177	390	26	50	RA1458	497.87	585.00
Freelander	Td4 82 kW 2000 on	112	260	18	40	LF1071	395.74	465.00

K&N AIR FILTERS

MODEL	APPLICATION	PART NO.	PRICE	
			EXC. VAT	INC. VAT
Defender	Td5	ESR4238KN	30.53	35.87
Discovery	Td5	ESR4238KN	30.53	35.87
Range Rover	2.5td to '99	ESR341KN	38.81	45.60
Range Rover	2.5td '00 on	ESR4238KN	30.53	35.87
Range Rover	3.0 Td6	PHE000040KN	POA	POA
Freelander	Td4	ESR4103KN	39.59	46.52

STAINLESS STEEL EXHAUST SYSTEMS

MODEL	APPLICATION	PART NO.	PRICE	
			EXC. VAT	INC. VAT
Defender				
90	Td5	LR1127	254.47	299.00
110	Td5	LR1128	262.98	309.00
130	Td5	LR1129	271.49	319.00
Discovery	Td5	RD1035	288.51	339.00
Range Rover	2.5td (P38A)	RA1088D	509.79	599.00
Range Rover	3.0 Td6	RA1455	421.28	495.00
Freelander	Td4	LF1072	POA	POA

Powerboxes also available for other makes of diesel vehicle, including:

ALFA	JEEP	RENAULT
AUDI	KIA	ROVER
BMW	LANCIA	SAAB
CHRYSLER	MAZDA	SEAT
CITROEN	MERCEDES	SKODA
FIAT	MG	SUZUKI
FORD	MITSUBISHI	TOYOTA
HONDA	NISSAN	VOLVO
HYUNDAI	OPEL	VW
IVECO	PEUGEOT	