

RENAULT KANGOO VAN Z.E.



(Enter Renault's world at Sky Guide 883 and www.renault.tv)

4 FOUR YEARS WARRANTY
ROADSIDE COVER
INCLUDED SERVICING
FINANCE PACKAGE



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RENAULT KANGOO VAN Z.E.



RENAULT
Z.E. **4** FOUR YEARS WARRANTY
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DRIVE THE CHANGE



RENAULT Z.E. JOIN THE ELECTRIC REVOLUTION NOW

Forget doom and gloom. Go electric. Plug in and put a new charge in your life with Renault Kangoo Van Z.E. The electric van that's no longer virtual, but reality. Simple, but highly technologically advanced at the same time and incredibly eco-friendly. This 100% electric Renault is part of a range that lets you drive the different route, lower your overheads and show your business customers you're doing the really responsible thing. Right?



WHY RENAULT? WE'RE DRIVEN BY A PASSION TO MEET AND EXCEED PEOPLE'S NEEDS, AND THAT'S WHAT DRIVES THE INDUSTRY FORWARD. IT'S BEEN THAT WAY WITH US FOR OVER A HUNDRED YEARS. BUT IN TODAY'S RAPIDLY-CHANGING ENVIRONMENT, IT'S MORE IMPORTANT THAN EVER THAT WE SOURCE NEW SOLUTIONS THAT WILL SAFEGUARD ALL OUR FUTURES.

We know that the car is at a turning point, it has to evolve whether you believe in global warming or not; to emit less in cities, to make less noise and to use increasingly scarce energy more efficiently.

At Renault we are working to create more affordable cars, with radically lower CO₂ emissions. For the widest possible audience. Today that's our collection of 'eco²' models. eco² indicates that the vehicle produces CO₂ emissions lower than 120 g/km, it includes at least 7% recycled plastic in its plastic mass, and has been designed in such a way that 95% of the materials used could have a second life (recyclable for other use or as a source of energy). In addition, eco² means that our factories are ISO 14001 certified.

Starting this year there will be a groundbreaking range of electric vehicles, from a nippy town car to a comfortable family saloon and a small van. They will be affordable to run – you will be able to drive up to 100 miles using a battery that costs typically £3 to charge, and a lot less using cheaper tariffs. And parking and congestion charges should all be lower too.

We believe it's time to make the car a driver of progress once more. We are determined to drive that change. Soon you will be able to join us.

RENAULT. DRIVE THE CHANGE.



**ELECTRICITY POWERS YOUR LIFE.
NOW BRING IT INTO THE HEART OF YOUR BUSINESS.
KANGOO VAN Z.E.
THE FIRST 100% ELECTRIC VAN.
100% PRACTICAL, 100% RENAULT. 100% YOU.**



Kangoo Van Z.E. 2 seater



Kangoo Van Maxi Z.E. 2 seater



Kangoo Van Maxi Crew Z.E. 5 seater



**New Renault Kangoo Z.E.
Van of the Year 2012**

LIFE-CHANGING ENERGY.

ZERO NOISE, ZERO EMISSIONS = 100% ENVIRONMENTALLY FRIENDLY.

In the Kangoo Van Z.E., you're at one with your environment. With no engine noise, no pollution and 0g of CO₂/km emissions, you'll be making a real impression, without leaving a huge footprint on the planet. What's not to like?



DELIVERED AND DONE.

NOW, WHO WOULDN'T LIKE TWO WAYS TO CHARGE FOR THE JOB?

With the Kangoo Van Z.E., driving is a very, very different affair. First, there's the.....silence. The silence of a 100% electric motor, which gives instant pulling power and acceleration. Then, there's simplicity. The simplicity of an automatic gearbox, so the Kangoo Van Z.E. is a doddle to drive smoothly (as if you'd do it any other way). And because everything we've designed is to make electric the trip of tomorrow, there are two easy ways to recharge your peace of mind: the Wall-Box (home recharging station) and recharging stations at your workplace, or in public areas like supermarket car parks.





YOU ALREADY KNOW HOW TO SAVE TIME.

NOW SAVE ENERGY.

Fuel prices rocketing? Time to switch to electric. Plug'n'play is the way to go with the first truly affordable 100% electric van. Based on the popular Kangoo Van, the Kangoo Van Z.E. is more economical in the long term thanks to much lower energy, running and maintenance costs.

Matching your professional needs perfectly, Renault has developed a range of business packages, including battery hire. This way you get the best of technological innovation and special services at the very best price, including 24/7 assistance in case of breakdown (including energy breakdown), a 3 years/100,000 miles warranty on your car, 5 years/100,000 miles warranty on your electric powertrain, plus warranty extensions if you choose to take them out.

ELECTRICITY: YOU ALREADY KNOW THE PHYSICS. NOW DO THE MATHS.

KANGOO VAN Z.E.: 650 KG LOAD CAPACITY AND UP TO 4.6 M3 OF LOAD VOLUME.

Made on the same production lines as the Kangoo Van, the Kangoo Van Z.E. is the perfect partner for professionals. Just as reliable, just as practical and just as functional. Fully adjustable, it has a loading space that ranges from 2.4 m³ to 4.6 m³ and a 650 kg load capacity. Available in two lengths and three versions (two seat, two seat Maxi and five seat Maxi), the Kangoo Van Z.E. proves that there's an electric solution to suit every trade. Time to take the lead? Definitely.



VERSATILITY - OPEN WIDE AND SAY OOOH!

KANGOO VAN Z.E



KANGOO VAN MAXI Z.E. 2 SEAT



KANGOO VAN MAXI CREW Z.E. 5 SEAT



With the Kangoo Maxi Van Z.E., you don't have to compromise between carrying passengers and goods. You can travel with a crew of five people and still enjoy 1.3 m³ of usable space. Depending on configuration and options, you could also expand that up to 3.4 m³.

LOADING

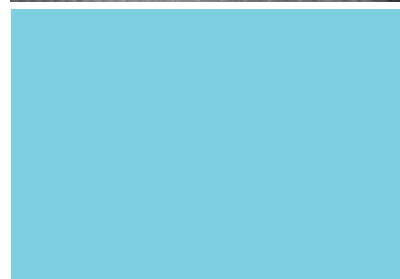
1. TUBULAR BULKHEAD

2. LOADING AREA WITH MESH BULKHEAD

The bulkhead separates the loading area from the driver, and also lets you fold the front passenger seat to increase loadspace.

3. LOADING AREA WITH GLAZED STEEL BULKHEAD

A complete bulkhead that separates the loading area from the driver's cabin. The floor comes with a rubber mat that's easy to clean, and protects the bodywork.



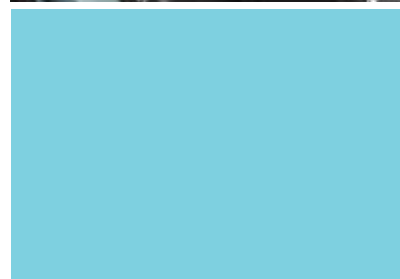
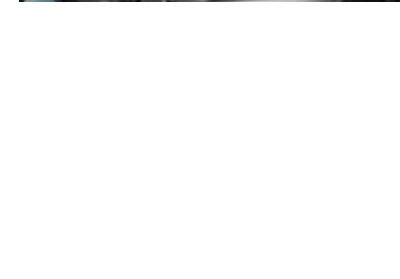
LOADING

4-5-6. 5 SEAT VERSION WITH BIGGER CABIN.

With its folding bench seat, the Kangoo Maxi Van Z.E. with its deeper cabin offers even more versatility. You can travel in teams of five and still get 2.4 m³ of usable space. If you want to carry longer or more cumbersome kit, just fold down the bench seat. The foldable mesh bulkhead will position itself behind you and you can then load objects measuring up to 2m long. In one easy step, your usable space is increased to 3.6 m³.

7-8-9. 5 SEAT VERSION WITH BENCH SEAT

The rear bench seat folds (2/3 - 1/3) to increase the boot capacity up to 3.4 m³.



TECHNOLOGY IN COMFORT



1. DASHBOARD WITH ECONOMETER
Shows how you're performing en route, as well as the battery level. The econometer also shows whether you're using energy or getting it back.



2. AIR CONDITIONING AND PRE-CONDITIONING
With the pre-conditioning system, you can also set the heating or ventilation to come on when the car is fully charged. That way, you get a comfortable environment without affecting your range.



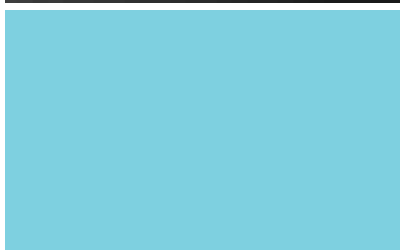
3. STORAGE BETWEEN FRONT SEATS*
Easily accessible, this space gives passengers storage at their fingertips.



4. GLOVEBOX*
The glove box offers a generous amount of space and can easily house a laptop.



5. ECO MODE
Sets performance limits (torque and top speed) to make the most of your vehicle's range.



*Optional equipment

ACCESSORIES

1. WINDOW GRILLES
Anti theft protective grilles still give good visibility for the driver.

2. TRANSVERSAL ROOF BARS
Can support a load of up to 100kg.

3. ROOF RACK
The anti-corrosion treated roof rack can take a load of 100 kg (including the rack's weight) and has a roller for easy loading. A deflector limits wind noise.

4. SECURED WHEEL TRIMS
To help avoid loss or theft, these wheel trims have a secure-attach system.

5. STANDARD TOW BAR
Anti-corrosion treated, the standard tow bar is designed for permanent use.

6. GARMIN 1240 GPS
With Europe maps and a 3.5" ultra-thin screen, this multi-function GPS unit makes navigation and peace of mind easy. Supplied with a case and suction mount.

7. NOVESTRA MAT
Made to measure and designed in keeping with the interior of your Kangoo Van Z.E., the rubber Novestra mat is practical and easy to look after.

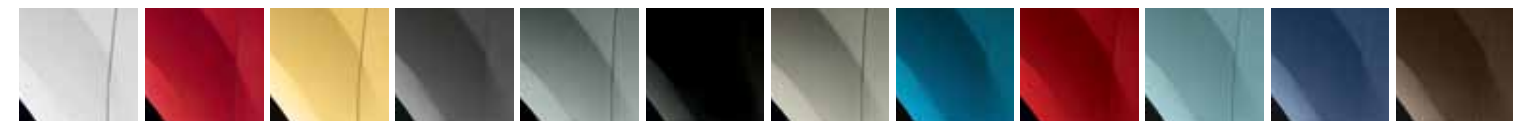


INTERIOR



The driver's seat of the Kangoo Van Z.E. is particularly easy to slide into and noticeably ergonomic, with controls and multiple storage areas naturally positioned at your fingertips.

COLOURS



389 GLACIER WHITE (NM) 719 CARMEN RED (NM) ENG SOLAR YELLOW (NM) KNU MOLE GREY (NM) B64 COSMIC GREY (MI) GND JET BLACK (MI) C66 TOPAZ (MI) J42 AQUA (MI) NNG OPORTO RED (MI) RNP SURF BLUE (MI) RNL NIGHTWATCH BLUE (MI) CNB MOCHA (MI)

NM = Non-metallic Supergloss MI = Metallic Illusion
It should be noted that printing limitations do not permit the subtle paintwork shades on these pages to be shown with absolute accuracy. Only personal inspection of the Kangoo Van at your Renault Dealer will reveal it in its true colours. From time to time changes are made to the colour range. Please check availability with your Renault Dealer.

WHEEL



15" 'Brigatin' wheel trims

TRIM



'Titanium' cloth upholstery

CHARGING TIME



1. RECHARGING SOCKET

The recharging connection for cables is on the grille at the front of the vehicle.

2. PUBLIC RECHARGING STATION

3. HOME RECHARGING STATION (WALL-BOX)

4. STANDARD CHARGING CABLE

Thanks to the charging cable supplied with your Kangoo Van Z.E., you can make use of any recharging station - whether you are out at large or at home - in standard charging mode, and so recharge your vehicle in 6-8 hours depending on the available power (type 2, mode 3).

5. CHARGING CABLE FOR OCCASIONAL USE - EVSE

Renault also provides a charging cable that allows you, occasionally, to recharge your vehicle from a household outlet of 220V if no home recharging station is available.



- | | |
|---------------------------------------|-----------------------|
| 1 Charging socket | 5 Reduction gearing |
| 2 Interconnection and charger housing | 6 Lithium-Ion battery |
| 3 Power electronics | 7 Special meters |
| 4 Electric engine | 8 Brake vacuum pumps |

British Gas. Installing confidence.

At British Gas, we're experts in the field of electric vehicle charging solutions. As Renault's nationwide charging partner we can provide faster, more convenient and safer charging. We have a range of solutions to make charging work better for your business and to ensure that every one of your electric vehicles are always ready to run.

Whether you're a company running a large fleet, a small business with two or three vehicles, or a sole trader, we've got the charging answer for you. For fleet users or small businesses our Dual Post or Dual Wall Box chargers will provide multiple charging, while our Single Wall-Box is ideal for those who need to charge at home. All are available as 13amp, 16amp or 32amp units.

They all recharge electric vehicles more conveniently, effectively and safely than using a normal mains supply socket. What's more, we can fit these chargers on any scale, upgrading them to suit your electric vehicle needs.

Our manufacturers' 3-year warranty on parts and labour* means you'll get the most from your vehicles today and peace of mind for the future. Plus, for those who have a charger installed at home, there's the added benefit of our Home Electrical Care™ package.**

For more information and to find out how your business could benefit, call us on 0800 980 8175.***

*Chargemaster products, including all components and accessories shall be fully guaranteed against all defects arising from faults in design, manufacture and workmanship for a period of 36 months from delivery of unit/s. Anything else is excluded. Applies to Mainland UK only. **Home Electrical Care™ - For terms and conditions visit britishgas.co.uk/electricvehicle/terms. Home Electrical Care™ is available in mainland Great Britain only. Customers in Northern Ireland, the Channel Islands and the Isle of Man will receive a three-year charging solution service and repair warranty. ***Phone lines are open 8am - 5pm Mon to Fri. Calls may be recorded and/or monitored for quality assurance and compliance purposes.



TECHNICAL SPECIFICATIONS

	Kangoo Van Z.E.	Kangoo Van Maxi Z.E.	Kangoo Van Maxi Crew Z.E.
ENGINE			
Weight empty	(kg) 1410	1472	1572
Payload	(kg) 650	650	650
Gross vehicle weight rating	(kg) 2146	2177	2286
WARRANTY			
Vehicle	3 years / 100,000 miles		
Drive train	5 years / 100,000 miles		
Battery	The battery hire acts effectively as a warranty, as hire Ts & Cs include a guaranteed level of performance		
Structure and body	10 years anticorrosion		
MAINTENANCE			
Service interval	2 years		
DRIVE TRAIN			
Motor and drive train features	Synchronous with rotor coil		
Maximum torque	(Nm) 226	226	226
Maximum power	(kW) 44	44	44
Propulsion type	Traction		
Maximum speed	(mph/kph) 80.8 / 130	80.8 / 130	80.8 / 130
0-62 miles/hr	(seconds) 21.9	21.9	21.9
ACCELERATION PERFORMANCE			
Range (NEDC)	(miles) 106	106	106
Energy recovery unit	Yes		
Heater maximum power	(kW) 4 kw elec / 5 kw heater	4 kw elec / 5 kw heater	4 kw elec / 5 kw heater
AC maximum power	6KW	6KW	6KW
Remaining autonomy indicator	Yes		
Description	Gauge on the dashboard Sound when 1/8 energy remained Sound when 1/16 energy remained (+ when the battery energy reaches 5% the engine power limits to 15KW)		
Alerts	Yes		
Economy mode assistance	Yes		
BATTERY			
Battery type	Lithium ion		
Battery weight	(kg) 260	260	260
Capacity	(kWh) 22	22	22
Number of elements	192 cells		
Nominal voltage	240 to 400		
From 0 to 100%	(hours) 8	8	8
From 0 to 50%	(hours) 3.5	3.5	3.5
From 50 to 100%	(hours) 4.5	4.5	4.5
From 20 to 80%	(hours) 4.5	4.5	4.5
Maximum current drawn from 220V main	(kW) 3	3	3
Slow charge	(A) 16	16	16
Standard charge plug type	J1772 vehicle side / IEC 62196 Type2 plug side		
Charging mode (CEI 62196)	Mode 3, or Mode 2 with EVSE cable limited to 10amps, with 3-pin plug		
Casing dimensions if needed to ensure the communication	Optional EVSE cable = 25cmx10cmx6cm (cable 6m)		
Charging plug lock feature	Yes		
Security features during recharging period	Yes		
Other security features (ABS, ESP, etc.)	ABS		
Battery security test performed	Yes		
EXTERIOR DIMENSIONS			
Length	(metres) 4.21	4.59	4.59
Width	(metres) 1.82	1.82	1.82
Height	(metres) 1.81	1.81	1.81
Wheelbase	(metres) 2.7	3.08	3.08
Recharge plug position	Front bumper		
Recharge plug height	(mm) 860	860	860
	Specially designed for easy plugging		
Number of seats	2	2	5
Vehicle recyclability rate	Standard = 85%, 95% valorisable		
12V battery capacity	Standard battery "L3"		
12V battery recharge procedure	Through converter DC/DC		
Tyre reference	195/65 R15 CUS (Low resistance tyres)		
Spare wheel	Standard		

INFORMATION ON RECYCLING THE BATTERY

- The Lithium-Ion battery in your electric Renault vehicle is recyclable.
- Do not attempt to disassemble the battery by yourself in order to prevent electric shock, injury or burns. Only an authorised Z.E. technician can do this.
- To replace the battery, under the terms of the contract with your battery operator, please contact your local Renault Z.E. Expert Dealer.

DIMENSIONS

KANGOO VAN Z.E.



KANGOO VAN MAXI Z.E.



	KANGOO VAN Z.E.	KANGOO VAN MAXI Z.E.	KANGOO VAN MAXI CREW Z.E.
Payload	650 kg	650 kg	650 kg
Load volume / with folded seats	3.0 / 3.5	4.0m³ to 4.6m³	1.3m³ to 3.4m³
A - Wheelbase	2,697	3,081	3,081
B - Overall length	4,213	4,597	4,597
C - Front overhang	807	807	807
D - Rear overhang	709	709	709
E - Front track width	1,521	1,521	1,521
F - Rear track width	1,533	1,533	1,533
G - Overall width (without mirrors)	1,829	1,829	1,829
G1 - Overall width (with mirrors)	2,133	2,133	2,133
H - Unladen height	1,805 to 1,844	1,810 to 1,836	1,802 to 1,826
H1 - Height with opened rear doors	1,872 to 1,934	1,893 to 1,920	1,878 to 1,902
J - Load sill height	588 to 609	575 to 601	563 to 586
K - Ground clearance (unladen)	184 to 210	184 to 210	184 to 210
K1 - Ground clearance (laden)	153 to 172	153 to 171	153 to 172
M - Elbow room	1,510	1,510	1,510 / 1,539
N - Front interior width	1,464	1,462	1,462 / 1,511
Q1 - Rear interior height	1,188	1,252	1,154
Y - Rear width - top	1,141	1,141	1,141
Y1 - Rear width - bottom	1,223	1,219	1,219
Y2 - Width between wheel arches	1,218	1,218	1,145
Z - Loading height	1,130	1,129	1,129
Z1 - Loading length	1,476	1,860	1,008
Z2 - Loading length at floor	1,731 / 2,502	2,115 / 2,886	1,328 / 2,210

Dimensions are in mm

EQUIPMENT AND OPTIONS

	Kangoo Van Z.E.	Kangoo Van Maxi Z.E.	Kangoo Van Maxi Crew Z.E.
EXTERIOR			
Front and rear grey bumpers	●	●	●
Grey side protection mouldings	●	●	●
Metallic paint	○	○	○
15" 'Brigantin' wheel trims	●	●	●
Body coloured door mirrors	○	○	○
Body coloured bumpers and mirrors	○	○	○
INTERIOR			
Black plastic flooring	●	●	●
Dark carbon steering wheel (except where cruise control / speed limiter ordered then steering wheel is light grey)	●	●	●
Gear lever gaiter and gear knob in dark grey	●	●	●
BULKHEADS			
Full steel bulkhead	●	●	-
Swivelling bulkhead	○	○	-
LOADING			
Load area rubber floor covering	○	○	○
6 load anchorage points (floor mounted)	○	○	-
8 load anchorage points (floor mounted)	-	-	○
2 coat hooks (when full steel bulkhead in place)	●	●	-
Roof bars fixings	●	●	●
Roof rack fixings	●	●	●
SAFETY AND SECURITY			
Front and rear brake discs	●	●	●
ABS with EBD (Electronic Brake Distribution)	●	●	●
Driver's airbag	●	●	●
Front passenger airbag (can be deactivated)	○	○	○
Front lateral airbag (thorax; must be ordered with front passenger airbag and height adjustable driver's seat)	○	○	○
Cruise control and manual speed limiter (comes with rev counter, chrome dials and light grey steering wheel)	○	○	○
Engine speed limiter (56mph/90kmh; 62mph/100kmh; 68mph/110km)	○	○	○
Front seatbelts with pretensioners and load limiters	●	●	●
Remote central locking (3 button key)	●	●	●
R.A.I.D. (Renault Anti Intruder Device)	●	●	●
Electronic immobiliser	●	●	●
Spare wheel	●	●	●
SEATS			
'Titanium' dark cloth upholstery	●	●	●
DOORS AND WINDOWS			
Right sliding side door - panel	-	●	-
Right sliding side door - glazed	-	○	-
Right sliding side door - glazed with opening window	-	-	●
Left sliding side door - unglazed	●	●	-
Left sliding side door - glazed	○	○	-
Left sliding side door - glazed with opening window	-	-	●
Right side panel - unglazed	●	-	-
Rear doors - 180° solid, asymmetric	●	●	○
Rear doors - 180° glazed, asymmetric with rear wiper and rear heated windows	○	○	●
Rear tailgate - glazed with rear wiper and rear heated windows	○	-	-

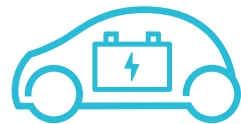
Z.E. BOX

OPEN UP THE NEW WORLD OF ELECTRIC MOTORING WITH THE Z.E. BOX.
A COMPLETE RANGE OF SERVICES WHEN YOU BUY YOUR ELECTRIC RENAULT.



Z.E. CAR

Rediscover the pleasure of driving!
Discover all the advantages of the Renault Z.E. range: 100% electric vehicles, 100% intelligent, 100% pleasure and 0% emissions. Choose the model that suits you, and make it your own with a range of options and accessories.



Z.E. BATTERY

Choose the type of rental that suits you best, based on your annual mileage and the length of subscription you require. As part of your battery rental, you can rest assured that you will have a battery in perfect working condition at all times, with a sufficient charge capacity (always greater than 75% of the initial capacity).



Z.E. CHARGE

Recharging is easy, thanks to the range of charging solutions available.
British Gas is Renault's preferred and approved partner. They can be contacted on **0800 980 8175*** for more information.



Z.E. SERVICES

Enjoy complete cover: complete 24/7 breakdown cover, a mobile solution for your long journeys, extended warranty and maintenance contracts... all there to help make your electric drive easier.

*Phone lines are open 8am - 5pm Mon to Fri. Calls may be recorded and/or monitored for quality assurance and compliance purposes.

THE RENAULT Z.E. NETWORK COMMITMENT.

WE'VE GOT NOTHING TO HIDE.



That's why you're welcome to explore the Renault electric vehicle range and test drive the RENAULT Z.E. technology under real conditions. Just as a reminder:

THE RENAULT Z.E. NETWORK COMMITS:

- To allow you to explore the electric vehicle and RENAULT Z.E. technology under real conditions: test drives, charging modes and range management
- To offer you a range of specially adapted services:
 - Hire of a battery that always works, no matter what your usage is
 - Complete 24/7 breakdown assistance
 - My Z.E. Connect Services
- When installing a charging station at home, we will put you in touch with an approved Z.E. Expert

WE GUARANTEE YOU:

- Warranty
 - The vehicle: 3 years/100,000 miles
 - The electric powertrain: 5 years/100,000 miles (except Twizy: 3 years/unlimited mileage)
- We certify that any work will be carried out by technicians trained in the Renault Z.E. range
- Entrust the disposal of batteries to a network of authorised professionals

CUSTOMER RELATIONS

Renault knows the value of communicating with its customers and we have established effective ways to keep in touch with you. If after speaking to your local Renault dealership you are not completely satisfied, please contact the Renault UK Customer Relations Department on **08000 72 33 72** (Mon-Fri 9.00am-5.30pm, except Weds 10.00am-5.30pm. Closed on Bank Holidays).

You can also visit our website www.renault.co.uk Or write to us at:

Renault UK Ltd, The Rivers Office Park, Denham Way, Maple Cross, Rickmansworth, Hertfordshire, WD3 9YS.