

This press pack accompanied the UK launch of the second generation Toyota RAV4 in 2000. Some changes were made to the model range during its time on sale, which can be tracked using the Timeline feature available on the second generation Toyota RAV4 archive web page. Additional assets and information relating to the RAV4 range can be obtained from the Toyota press office.

NEW TOYOTA RAV4

KEY POINTS

- All new car six years after revolutionary original
- Choice of lightweight 2.0 litre and 1.8 litre four cylinder, VVT-i petrol engines
- Both offer best in class power-to-weight ratio
- Higher top speed, better economy and lower emissions
- Improved all-independent suspension further improves on current model's class-leading handling and ride
- More interior height, width and length
- Better ride comfort and less interior noise
- 1.8 litre, 4x2 model available for the first time - puts RAV4 on more shopping lists
- MPV-style versatility with rear seats designed to slide, fold, tumble and be removed
- Higher quality materials used on interior
- WIL (Whiplash Injury Lessening) front seats, ABS with EBD (electronic brake distribution) and twin front airbags standard on all grades
- New 110 hp, 2.0 litre D4-D common rail diesel available from May 2001
- Lower cost servicing and crash repair parts prices than competition
- Air conditioning standard on all grades
- Roof rails standard on all grades
- All bar NV grade with 16-in alloy wheels and painted bumpers and spare wheel cover
- All 5dr models have cargo net and adjustable parcel shelf
- NRG and VX grades have colour coded, wide side cladding, rear limited slip differential and 235/60 tyres as standard
- VX has leather upholstery and CD autochanger as standard
- Three-year/60,000 mile warranty
- On sale in the UK from 1st August
- On the road prices and confirmed insurance rating:

					Insurance rating
NV	1.8	3dr	£13,995		9E
NV	2.0	3dr	£15,495		10E
NRG	2.0	3dr	£16,995 (auto £17,995)		10E
NV	2.0	5dr	£16,995		10E
GX	2.0	5dr	£18,495 (auto £19,495)		11E
VX	2.0	5dr	£20,495 (auto £21,495)		11E

SECTION ONE – HOW TO RENEW AN ICON?

Renewing an icon is never easy. Just ask the producers of the Bond movies, or the Tory Party. It is made all the harder when the existing icon came as a surprise, a left-field answer to a question we did not know we were asking. Such is the situation with RAV4 and Toyota are fairly confident that the new car is more Brosnan than Major.

FROM CONCEPT TO BENCHMARK

So strong was the reaction to the concept car that by the time of the launch in 1994 the car was an instant hit. It was also the instant benchmark and target of the established players. People did not want a small off-roader with all the attendant problems of a separate chassis. They wanted a fun car, as capable as a hot hatch on the road, but with the high driving position and styling of the off-roaders. RAV4 added funky design to the mix, suggesting that Toyota's recent design renaissance has its roots further back than many might think.

The original RAV4 was just a three-door and only four-wheel drive. In time, to match demand, a five-door was added and while undoubtedly bigger, it was a stretched version of the three-door and arguably not as good looking. Over in the States they were happy to accept that what mattered was the way the car looked and drove on road rather than some theoretically, never to be exploited, off-road potential and have for some years had a two-wheel drive version. They all add up to over three-quarters of a million units built of the first RAV4, 37,000 of them sold in the UK.

FUEL FOR THOUGHT

Not surprising then that RAV4 was also the basis for some futuristic derivatives too. First the all-electric RAV4 EV. Arguably the world's best production electric car, the RAV4 EV had all the creature comforts of air con, electric windows as well as a top speed of almost 90mph. In competition trim it won the Monte Carlo Rally for electric vehicles two years in succession, daring anyone to say the words "milk float" ever again.

Extensions of the EV programme are the fuel cell prototypes. Undoubtedly the power train of the future, Toyota has two types running - hydrogen storing and methanol reforming - in RAV4 bodies as development moves toward mass production in a few years time.

Fitting that the car that changed the way we look at four-wheel drive should play a part in the way all cars will be driven.

On sale in the UK from 1st August, the new Toyota RAV4 takes over from its predecessor as the leader in its class. The new RAV4 develops the bold concept and unique styling of the original model while maintaining its ease of driving and compact dimensions.

NEW 2.0-LITRE VVT-i

The new exterior covers a wide range of new interior, powertrain and suspension developments that create a level of refinement unmatched in the small off-road class. The all-new 2-litre 16-valve DOHC in-line four cylinder engine developed for the RAV4 features VVT-i, Variable Valve Timing-intelligent technology and a big bore/long port intake manifold to offer class-leading performance, quietness, fuel economy and clean emissions.

The transversely-mounted unit develops 147bhp @ 6,000rpm and a maximum torque of 142lbft (192Nm) @ 4,000rpm. It drives through a choice of either 5-speed manual gearbox or a 4-speed automatic featuring Super ECT (Electronically Controlled Transmission), to a full time 4WD system which provides optimum handling and stability.

SMALLER ENGINE AND TWO-WHEEL DRIVE BROADENS APPEAL

For the first time, a 1.8-litre variant will be offered, featuring a 16-valve DOHC engine with VVT-i, Variable Valve Timing-intelligent, developing 123bhp (92kW) @ 6,000rpm and a maximum torque of 119lbft (161Nm) @ 4,200rpm. This powertrain will be offered only in the three-door body with a 5-speed manual gearbox and a 4x2 transmission driving the front wheels, making the new RAV4 affordable to a yet wider circle of owners, especially the young.

MORE, MORE, MORE

Excellent acceleration and performance is a feature of both new RAV4 models, which have the best power-to-weight ratio in their class. This is in line with Toyota's 'intelligent engineering' philosophy of offering customers better performance, better fuel economy and lower harmful emissions.

The fun-to-drive characteristics of the new RAV4 are ensured by the uprating of the all-independent suspension system to offer even higher levels of agility, handling and ride quality, all areas in which the original RAV4 was already class leading.

In both its three- and five-door variants, the new RAV4 offers more head, shoulder and leg room for drivers and passengers, as well greatly improved luggage capacity. This has been achieved by improving interior height and width and by lengthening the wheelbase, but maintaining the RAV4's popular compact exterior dimensions.

BIGGER, HIGHER QUALITY, MORE FLEXIBLE INTERIOR

The interior design of the new RAV4 is also more flexible, offering MPV-type versatility with rear seats designed to independently slide backwards, forwards, fold, tumble or be removed. Higher quality materials, design and fitting further enhance the 'quality' feel of the interior. Wind noise, road noise and aerodynamics have all been improved to give the RAV4 the sound and feel of a quality passenger car.

A WORD FROM THE CREATOR

"The original RAV4 was the pioneer of the concept of compact SUVs," said Mr. H. Ikehata, Chief Engineer of the RAV4 project team at Toyota Vehicle Development Centre III. "With the new car I wanted to develop a vehicle that provides an unshakeable product appeal as the new leader of small SUVs.

"First of all, the unique exterior style of the current RAV4 with large-diameter tyres and a short overhang, has been further evolved to a more stylish and rugged look. Meanwhile, the interior has been dramatically improved in both quality and openness.

"A major increase in cabin space has been combined with multi-function rear seats and ample small storage compartments to further the utility functions of the SUV, but the sporty image of the RAV4 has been preserved, creating a design that appeals to the younger generation.

"Thirdly, the RAV4's dynamic performance, interior noise levels and fuel economy have been dramatically improved to achieve a level of performance that leaves competitor vehicles behind. As a result, a ride and comfort similar to a passenger car have been achieved. Just as the current model RAV4 became the pioneer of small SUVs, the new RAV4 is destined to become the benchmark of the next generation of small SUVs."

NEW RAV4 IN THE UK

SUMMARY OF THE UK OFF ROAD (4x4) MARKET

The UK 4x4 market can be split into three main sub-segments:

Compact 4x4:-	Toyota RAV4, Land Rover Freelander, Honda HR-V/CR-V, Suzuki Vitara/Grand Vitara
Medium 4x4:-	Toyota Land Cruiser Colorado, Land Rover Discovery, Mitsubishi Shogun, Isuzu Trooper
Large 4x4:-	Toyota Land Cruiser Amazon, Land Rover Range Rover, Nissan Patrol

A new 'Premium 4x4' sector has also begun to emerge. It currently sits between the medium and large 4x4 sectors but is likely to become a sector in its own right as it continues to grow. Vehicles in this category would include the Mercedes-Benz M-class, BMW X5, Lexus RX300 and the Porsche/VW 4x4.

Before 1994, the only compact 4x4 vehicles in the UK were from Suzuki and Daihatsu. By the end of 1995, the arrival of Toyota (RAV4), Jeep (Wrangler) and Kia (Sportage) helped the segment grow by 32% to over 17,500 units.

During 1997 and 1998, new model introductions from Land Rover (Freelander) and Honda (HR-V and CR-V) meant that sales in the compact 4x4 sector grew by 117% to 44,666 units by the end of 1998. Suzuki's Grand Vitara and Jimny both enjoyed their first full year of sales during 1999 and the end of the year saw the market reaching a record 45,716 units. At the end of 1999, Mitsubishi also introduced a new entrant to this sector, the Shogun Pinin. Renault introduce a new Scenic RX4 to the segment in June 2000.

This sub-segment now accounts for around 49% of the total 4x4 market, compared to 22.5% in 1995.

ENGINE, TRANSMISSION AND FUEL TYPE SALES TRENDS

Competitors offer a range of engines that vary from 1.5 to 2.5 V6 petrol, or 1.9 to 2.5 turbo diesel.

At launch the new RAV4 will feature two engine types: a 1.8 VVT-i 4x2 unit and a 2.0 VVT-i 4x4 unit. Both fall into the two categories that make up over 90% of the Compact 4x4 market. Details of the sector breakdown by engine size are provided below.

<u>Engine size (Litres)</u>	<u>% Share of Compact 4x4 Market</u>
Up to 1.5	5.4%
1.6 to 1.8	45.1%
1.9 to 2.0	46.3%
2.1 +	3.2%
Diesel	15.2%
Petrol	84.8%

(Note a 110bhp 2.0 litre common rail diesel will be available in RAV4 from May 2001)

Manual	86.6%
Automatic	13.4%

FLEET SALES

Fleet sales account for 16.9% of total sales in the segment. The fleet sales split is biased towards five door models with 61.1% of fleet sales being long wheelbase versions across the segment.

POWER, ECONOMY AND EMISSIONS - COMPETITOR COMPARISONS

The following comparison shows just how well the RAV4 (manual) performs against the competitor engines; our vehicle is class leading on emissions, fuel economy and top speed and is very competitive on power and 0-60mph performance:

	Engine cc	Power bhp	CO ₂ g/km	Comb. mpg	0-60mph sec	Max speed mph
New Toyota RAV4 3dr	1794	123	175	38.3	12.2	109
Current RAV4 3dr	1998	126	223	30.1	11.6	105
L/Rover Freelander 3dr	1796	120	248	27.7	11.1	102
Honda HR-V 3dr	1590	105	194	32.8	12.1	101
Mitsubishi Shogun Pinin	1834	118	214	31.4	10.2	104
New Toyota RAV4 5dr	1998	147	211	32.1	10.6	115
Current RAV4 5dr	1998	126	223	30.1	11.6	105
L/Rover Freelander 5dr	1796	120	248	27.7	11.1	102
Honda CR-V 5dr	1973	147	229	29.1	10.5	110
Suzuki Grand Vitara 5dr	2493	142	278	26.6	10.2	103

UK PRICING

The following prices are OTR (on the road).

3-door RAV4

NV	manual	1.8/2WD	£13,995
NV	manual	2.0/4WD	£15,495
NRG	manual	2.0/4WD	£16,995
NRG	automatic	2.0/4WD	£17,995

5-door RAV4

NV	manual	2.0/4WD	£16,995
GX	manual	2.0/4WD	£18,495
GX	automatic	2.0/4WD	£19,495
VX	manual	2.0/4WD	£20,495
VX	automatic	2.0/4WD	£21,495

Note - NV derivatives are not available with automatic transmission.

UK MODEL LINE-UP AND SPECIFICATION BUILD-UP

RAV4 NV		RAV4 NRG	RAV4 GX	RAV4 VX
3 door 4x2	3 & 5 door 4x4	3 door 4x4	5 door 4x4	5 door 4x4
Air conditioning		✓	✓	✓
ABS + EBD		✓	✓	✓
Radio + cassette player		Radio + CD player	✓	Radio + cassette player
Power front windows		✓	Power front and rear windows	Power front and rear windows
Alarm & immobiliser		✓	✓	✓
Remote locking		✓	✓	✓
Double locking		✓	✓	✓
Roof rails		✓	✓	✓
		Colour-matched body cladding	Painted bumpers	Colour-matched body cladding
		Wide pack	✗	✓
		Alloy wheels	✓	✓
		Front fog lamps	✓	✓
		Leather steering wheel	✗	✓
		Hard spare wheel cover	✓	✓
		Rear roof spoiler	✗	✓
			Power sunroof	✓
				CD autochanger
				Leather upholstery

Pricing of the new RAV4 will start from just £13,995 on the road for the 1.8 NV, £1,000 below the entry level price of today's RAV4 despite the addition of standard air conditioning and ABS with EBD. The 2 litre 4x4 NV will be priced at £15,495, a premium of £1,500 for the bigger engine and permanent four-wheel drive. Move up to the five-door NV and prices start at £16,995.

The GX five-door grade will be priced at £18,495. This brings 16" alloy wheels, front fog lamps, painted bumpers, CD player, power sunroof and electric rear windows. Compared to the equivalent CR-V and Freelander the new RAV4 has the lowest price, yet the highest specification.

Against the competition, once the values of the RAV4's standard specification have been added to the others, these prices represent real, competitive value for money (see price/spec comparison tables below). Overall, the new pricing represents an improvement in value of around £1,000 versus our current car.

SPECIFICATION - RAV4 NRG 4x4 3 DOOR VERSUS COMPETITORS

	Toyota RAV4 2.0 NRG 4x4	Honda HR-V 1.6 V-TEC	Land Rover Freelander 1.8 XEi	Mitsubishi Shogun Pinin 1.8 GLS
OTR PRICE	£16,995	£15,095	£20,695	£16,995
Radio/CD player	✓	Opt (£95)	Opt (£95)	Opt (£95)
Twin airbags	✓	✓	✓	✓
ABS	✓	✓	✓	✓
16" alloy wheels	✓	✓	✓	✓
Roof rails	✓	Opt (£140)	Opt (£140)	✓
Remote locking	✓	✓	✓	✓
Double locking	✓	✓	✓	✓
Air conditioning	✓	✓	✓	✓
Alarm	✓	✓	✓	Opt (£105)
Immobiliser	✓	✓	✓	✓
Electric windows	✓	✓	✓	✓
Front fog lamps	✓	✓	✓	✓
Rear roof spoiler	✓	✓	Opt (£235)	✓
Painted bumpers	✓	✓	Opt (£65)	✓
Power mirrors	✓	✓	✓	✓
Hard spare wheel cover	✓	(not required)	Opt (£140)	Opt (£140)
Heated mirrors	✓	✓	✓	✓
OTR Price	£16,995	£15,095	£20,695	£16,995
Spec Adjustment	N/A	£235	£675	£340
Adjusted Price	£16,995	£15,330	£21,370	£17,335
% +/- v RAV4	0.0%	-9.8%	+25.7%	+2.0%

All option prices are taken from JATO sector averages (manufacturers' recommended retail price taken from model range price lists).

SPECIFICATION - RAV4 4x4 NV 5 DOOR VERSUS COMPETITORS

	Toyota RAV4 5dr 2.0 NV	Honda CR-V 2.0 LS	Land Rover Freelander 5dr 1.8i
OTR PRICE	£16,995	£17,055	£18,450
Radio/cassette	✓	✓	✓
Twin front airbags	✓	✓	Opt (£100)
ABS with EBD	✓	✓	(ABS only)
Remote locking	✓	✓	✓
Double locking	✓	✓	✓
Air conditioning	✓	✓	Opt (£710)
Alarm	✓	Opt (£105)	✓
Immobiliser	✓	✓	✓
Front electric windows	✓	✓	✓
Roof rails	✓	✓	Opt (£140)
Painted bumpers	✓	Opt (£65)	Opt (£65)
Power mirrors	✓	✓	✓
Steel wheels	✓	✓	✓
OTR Price	£16,995	£17,055	£18,450
Spec Adjustment	N/A	£170	£1,015
Adjusted Price	£16,995	£17,225	£19,465
% +/- v RAV4	0.0%	+1.4%	+14.5%

All option prices are taken from JATO sector averages (manufacturers' recommended retail price taken from model range price lists).

SPECIFICATION - RAV4 GX 4x4 5 DOOR VERSUS COMPETITORS

	Toyota RAV4 2.0 GX 4x4	Honda CR-V 2.0i ES	Land Rover Freelander 1.8 Xi 5dr
OTR PRICE	£18,495	£18,505	£19,995
Radio/CD player	✓	Opt (£95)	Opt (£95)
Twin airbags	✓	✓	Opt (£100)
ABS with EBD	✓	✓	ABS only
16" alloy wheels	✓	(15")	(15")
Roof rails	✓	✓	Opt (£140)
Remote locking	✓	✓	✓
Double locking	✓	✓	✓
Air conditioning	✓	✓	✓
Power sunroof	✓	✓	✓
Alarm	✓	Opt (£105)	✓
Immobiliser	✓	✓	✓
Front electric windows	✓	✓	✓
Rear electric windows	✓	✓	Opt (£140)
Front fog lamps	✓	Opt (£45)	Opt (£45)
Hard spare wheel cover	✓	✓	Opt (£140)
Power mirrors	✓	✓	✓
OTR Price	£18,495	£18,505	£19,995
Spec Adjustment	N/A	£245	£660
Adjusted Price	£18,495	£18,750	£20,655
% +/- v RAV4	0.0%	+1.4%	+11.6%

All option prices are taken from JATO sector averages (manufacturers' recommended retail price taken from model range price lists).

SPECIFICATION - RAV4 VX 4x4 5 DOOR VERSUS COMPETITORS

	Toyota RAV4 2.0 VX 4x4	Honda CR-V 2.0i ES Executive	Land Rover Freelander 1.8 XEi 5dr
OTR PRICE	£20,495	£20,200	£21,995
Radio/cassette player	✓	✓	Opt (£95)
6 disc CD autochanger	✓	✓	Opt (£190)
Twin airbags	✓	✓	✓
ABS with EBD	✓	✓	(ABS only)
16" alloy wheels	✓	(15")	✓
Leather upholstery	✓	✓	✓
Roof rails	✓	✓	Opt (£140)
Remote locking	✓	✓	✓
Double locking	✓	✓	✓
Air conditioning	✓	✓	✓
Power sunroof	✓	✓	✓
Alarm	✓	Opt (£105)	✓
Immobiliser	✓	✓	✓
Front electric windows	✓	✓	✓
Rear electric windows	✓	✓	Opt (£140)
Front fog lamps	✓	Opt (£45)	Opt (£45)
Rear roof spoiler	✓	Opt (£235)	Opt (£235)
Hard spare wheel cover	✓	✓	Opt (£140)
Power mirrors	✓	✓	✓
OTR Price	£20,495	£20,200	£21,995
Spec Adjustment	N/A	£385	£985
Adjusted Price	£20,495	£20,585	£22,980
% +/- v RAV4	0.0%	+0.4%	+12.1%

All option prices are taken from JATO sector averages (manufacturers' recommended retail price taken from model range price lists).

PARTS PRICING COMPARISON

As has become common practice with new Toyota models, service and crash repair parts prices have been reduced to improve Toyota's running cost advantage.

The following table (see next page) shows that prices for crash repair parts for new RAV4 are cheaper than all competitors. For routine service parts the new RAV4 is significantly cheaper (between 71.45 and 45.8%) than all bar the Frontera. These low service parts help keep leasing and maintenance costs low for company and private buyers alike. The low cost of crash repair parts keeps insurance premiums down for new RAV4, awarded groups 9E-11E by Thatcham.

PREDICTED CONTRACT HIRE MAINTENANCE COSTS

The customer benefit of RAV4's low parts prices is felt in the cost of running. The new car's extended service intervals also keep costs down and even the larger tyred NRG and VX grades have very low running costs. Over a three-year/60,000-mile period Toyota are predicting maintenance costs to be under £1500, or 2.4 pence per mile.

3 years /60,000 miles

Year 1	-	£ 148.60
Year 2	-	£ 991.75
Year 3	-	£1,463.33 (equates to 0.24 pence per mile)

(Assumes 5% per year inflation)

PARTS PRICING COMPARISON TABLE

	Toyota RAV4 (new)	Toyota RAV4 (old)	Honda CR-V	Land Rover Freelander	Vauxhall Frontera	Suzuki Grand Vitara	Nissan Terrano II	Mitsubishi Pinin
Front Crash Parts								
Bonnet (Hood)	£ 145.21	£ 206.47	£ 216.01	£ 129.66	£ 244.00	£ 205.03	£ 197.00	£ 170.00
Radiator Grille	£ 35.36	£ 38.07	£ 58.00	£ 33.82	£ 71.00	£ 88.79	£ 61.00	£ 79.84
Front Bumper Cover	£ 98.10	£ 220.72	£ 160.31	£ 135.30	£ 152.00	£ 254.00	£ 126.00	£ 277.04
Front Wing (RH)	£ 99.31	£ 107.32	£ 120.37	£ 170.57	£ 77.00	£ 85.46	£ 178.00	£ 86.24
Headlamp (excl. bulb) (RH)	£ 89.48	£ 56.96	£ 104.55	£ 79.80	£ 57.50	£ 105.00	£ 160.00	£ 152.72
Front Indicator (RH)	£ 19.94	£ 43.09	part of h/lamp	part of h/lamp	£ 13.80	part of h/lamp	£ 22.50	part of h/lamp
Radiator	£ 152.48	£ 246.62	£ 144.70	£ 182.64	£ 114.00	£ 199.36	£ 211.00	£ 253.75
A/C Condenser	£ 237.00	£ 282.20	£ 282.92	£ 209.45	£ 203.00	£ 174.24	£ 76.50	£ 204.30
Front Panel	£ 128.34	£ 232.36	£ 135.65	£ 159.59	£ 77.55	£ 85.00	£ 133.00	inc bumper cover
Total Front	£ 1,005.22	£ 1,433.81	£ 1,222.51	£ 1,100.83	£ 1,009.85	£ 1,196.88	£ 1,165.00	£ 1,223.89
% Difference vs. RAV4	+ 0.0%	+ 42.6%	+ 21.6%	+ 9.5%	+ 0.5%	+ 19.1%	+ 15.9%	+ 21.8%
Rear Crash Parts								
Rear Bumper Cover RH&LH	£ 78.96	£ 108.16	£ 178.78	£ 102.60	£ 121.60	£ 271.41	£ 255.00	£ 143.65
Tailgate	£ 298.56	£ 273.12	£ 177.33	£ 442.30	£ 260.00	£ 224.97	£ 489.00	£ 215.62
Rear Quarter Panel (LH)	£ 158.00	£ 214.29	£ 281.63	£ 184.50	£ 492.00	£ 226.18	£ 324.00	£ 247.44
Rear Combi Light (excl. bulb) (LH)	£ 49.88	£ 34.34	£ 46.70	£ 20.21	£ 29.00	£ 63.00	£ 54.60	£ 55.73
Rear Panel	£ 55.47	£ 80.22	£ 91.84	£ 39.46	£ 59.50	£ 77.07	£ 201.00	£ 28.45
Total Rear	£ 640.87	£ 710.13	£ 776.28	£ 789.07	£ 962.10	£ 862.63	£ 1,323.60	£ 690.89
% Difference vs. RAV4	+ 0.0%	+ 10.8%	+ 21.1%	+ 23.1%	+ 50.1%	+ 34.6%	+ 106.5%	+ 7.8%
Maintenance Parts								
Oil Filter	£ 7.39	£ 6.95	£ 9.36	£ 4.66	£ 4.00	£ 8.94	£ 7.10	£ 7.38
Air Filter	£ 17.47	£ 13.07	£ 19.50	£ 9.57	£ 18.25	£ 13.56	£ 12.10	£ 19.67
Fuel Filter	No need to replace	£ 24.46	£ 14.85	£ 21.28	£ 16.20	£ 19.50	£ 11.70	in fuel tank
Front Brake Pads	£ 43.96	£ 43.92	£ 47.00	£ 47.88	£ 17.30	£ 43.28	£ 59.10	£ 79.69
Rear Brake Pads / Shoes	£ 24.77	£ 30.35	£ 47.00	£ 35.11	£ 16.35	£ 43.28	£ 75.10	£ 29.78
Spark Plug (each)	£ 3.49	£ 5.83	£ 3.89	£ 9.57	£ 3.00	£ 2.18	£ 2.40	£ 11.07
Spark Plug (set)	£ 13.96	£ 23.32	£ 15.56	£ 38.28	£ 12.00	£ 13.08	£ 9.60	£ 44.28
Spark Plug set per 60K	£ 13.96	£ 46.64	£ 31.12	£ 38.28	£ 12.00	£ 26.16	£ 19.20	£ 44.28
Total Maintenance	£ 107.55	£ 165.39	£ 168.83	£ 156.78	£ 84.10	£ 154.72	£ 184.30	£ 180.80
% Difference vs. RAV4	+ 0.0%	+ 53.8%	+ 57.0%	+ 45.8%	(21.8%)	+ 43.9%	+ 71.4%	+ 68.1%
Grand Total	£ 1,753.64	£ 2,309.33	£ 2,167.62	£ 2,046.68	£ 2,056.05	£ 2,214.23	£ 2,672.90	£ 2,095.58
% Difference vs. RAV4 (NG)	+ 0.0%	+ 31.7%	+ 23.6%	+ 16.7%	+ 17.2%	+ 26.3%	+ 52.4%	+ 19.5%

All prices are recommended retail, exclude VAT and are correct at time of printing / Sources : Thatcham Parts Analysis, Stratagem Marketing & Business Services and Toyota (GB) PLC

NEW RAV4 COMPACT SUV - MAINTAINING THE SUCCESS

- **Once again setting the standard others must follow**
- **RAV4 ruggedness with more performance**
- **New levels of versatility, sophistication and maturity**
- **Three-door, five-door and 4x2 models offer choice and flexibility for all customers**

The arrival of the Toyota RAV4 in 1994 revolutionised the small off-road, or sport-utility vehicle (SUV) segment. By bringing an urban look to the off-road sector and adding previously unheard of on-road performance, Toyota again demonstrated its ability to innovate in car design, creating an important niche market.

RAV4 brought a sense of innovation to the compact 4x4 sector, taking the product emphasis away from pure off-road capability towards a balance with on-road motoring. It appealed to a new generation of 4x4 users.

"The original RAV4 in 1994 created and led a large world market which has since become the target of many competitor models," said Mr M. Tanaka, Division General Manager, Overseas Planning Division of Toyota. "Even now the unique styling of RAV4 continues to receive the support of many customers world-wide.

"The new RAV4 has further evolved that innovative concept to combine the fun of driving, the joy of riding and uniqueness that makes the range so popular, with the multi-performance functions required by the wide range of users who are attracted to the model. It also incorporates the legendary Toyota levels of quality and reliability, to create a vehicle that demonstrates the new standard in small SUVs for the new 21st Century."

By offering increased versatility, refinement and style, the new RAV4 maintains its original 'fun and fashion' elements but moves on to reflect the wide-ranging and increasingly sophisticated and mature breadth of customer base that the outgoing model has attracted to the compact SUV category. A key strength of the RAV4 is that its line-up meets the wide range of activities and lifestyles, demanded by this varied customer base.

The stylish and sporty three-door compact model is ideal for singles and young couples and continues to offer the ease of driving and parking that made the previous variant such a success. The five-door model is perfect for those with families or who want a lot of extra room to do more with their RAV4. They will particularly appreciate the additional space and versatility offered by the new model. The all-new 1.8 litre, 4x2 three-door model adds a new level to RAV4 motoring, with all the refinement and fun but at a lower price.

Fun was traditionally one of the first descriptions to be used by owners and drivers of existing RAV4s. This element has been maintained in the creation of the more mature and sophisticated new model. The use of VVT-i technology in both 1.8-litre and 2.0-litre engines delivers class-leading performance along with class-leading economy. The best in class power-to-weight ratio makes for even better responsiveness, while improved sporty handling from the all-independent suspension gives better manoeuvrability around town and on the road, but it is just as good off road too.

RAV4 has been a key brand-building model in Toyota's product line up, attracting new customers to the marque. The new RAV4 is set to play a key role in shaping the Toyota brand in 2000, as well as setting the new standard in small SUVs for the 21st century.

STYLING - QUALITY AND REFINEMENT

- **Innovative new styling, based on cues from original RAV4 model**
- **Distinctively different body styles for three-door and five-door models**
- **Dramatic new interior appeals to both touch and sight**
- **Increased head, leg and shoulder room for drivers and passengers**
- **MPV-style versatility thanks to sliding, tumbling and removable rear seats**

EXTERIOR STYLING

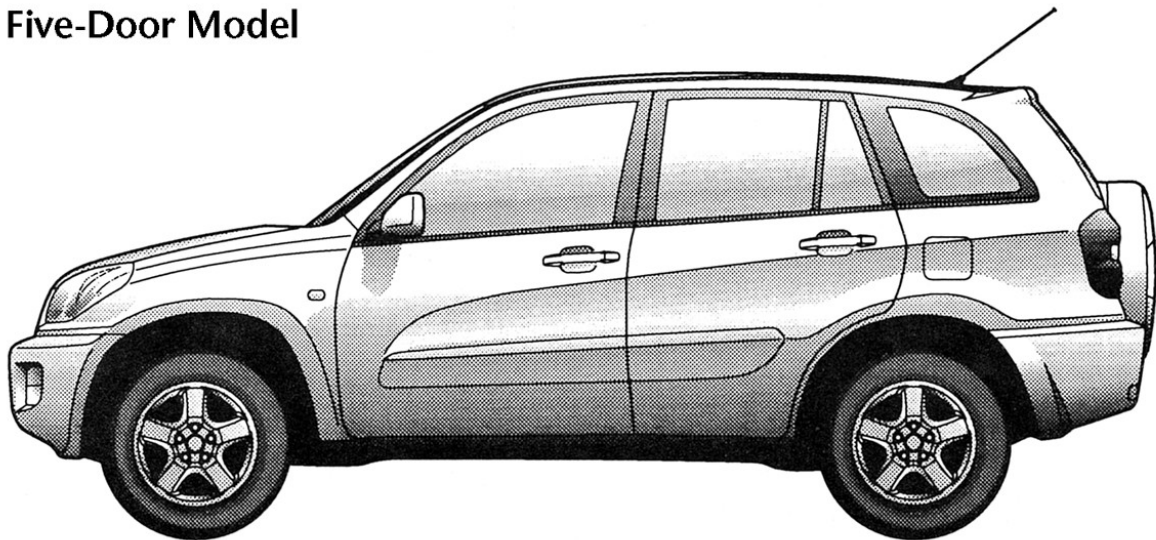
The new RAV4 draws on the styling cues of the original model. It presents an exterior which combines a dynamic, innovative, bold and stylish ruggedness in its use of short overhangs and distinctive 16" diameter wheels, with more sophisticated style created by the absence of embellishments and a distinctive side character line which features a sliced-surface look.

The front-end styling is distinguished by a keynote Toyota trapezoidal radiator grille, front combination lights featuring multi-reflectors and a deep front bumper which provides an appropriate volume to balance the solid presence of the design. The bumper also features a distinctive and stylish lower air intake, the shape of which is integrated with the foglights.

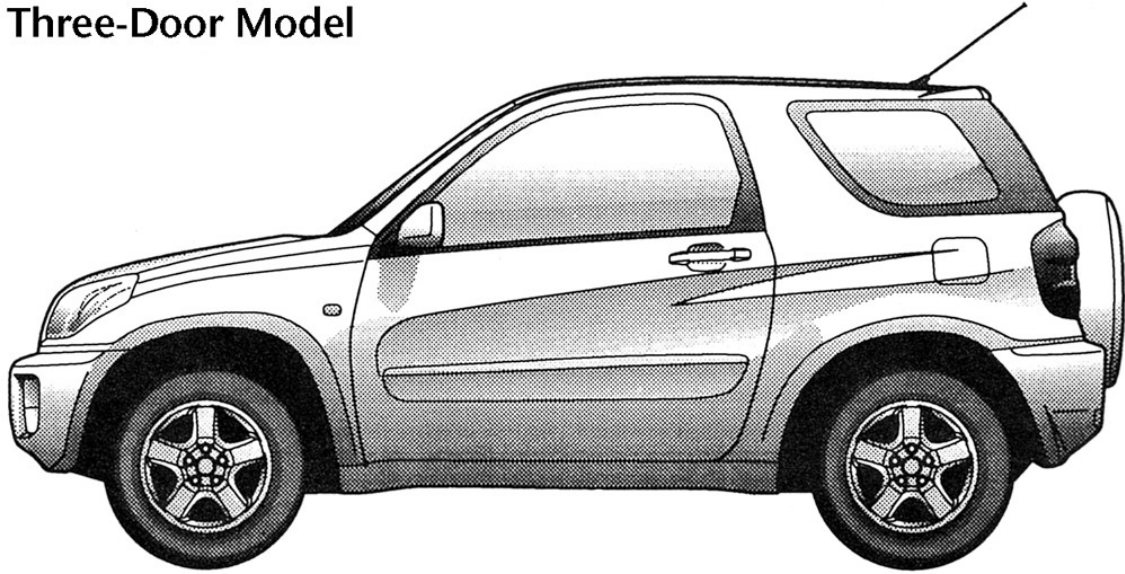
The RAV4 retains its distinctive forward-poised look with a dynamic and powerful form continued through both models. This is achieved by a contrast created by the profile of the front and rear wings and the distinctive side character line, along with prominent flared wheel arches. The rising rear waistline creates a sense of motion and purpose, with distinctive rear quarter panels being a major feature.

An innovative side-view has been achieved on the five-door model by the creation of an arch-shaped roof line fully integrating the overall profile. A further distinguishing feature is the spoiler-shaped roof end.

Five-Door Model



Three-Door Model



The three-door model has been designed to be distinctly different from the five-door model. Features include a curvaceous-shaped rear wing line and the wrapping of the quarter windows around the rear of the vehicle to hide the C-pillar, achieving a more sporty, lively and innovative style.

At the rear of the new RAV4, the widened cabin and the use of rear lights that wrap around the sides of the vehicle enhance the feeling of stability. A further feature of interest is the convex shape of the back door 'garnish', which integrates with the rear-mounted spare wheel and tyre.

The new RAV4 utilises a similar unitary body construction to its predecessor, designed to achieve both high rigidity and safety. This is further achieved by the use of high strength sheet steel, which allows the combination of structural rigidity with a lightweight body structure.

The new designs of five-spoke 16" aluminium wheel have been developed to express power and nimbleness, giving a hint of the RAV4's exciting and dynamic driving capabilities. They are matched to 215/70R16 (235/60R16 on the NGR and VX) tyres with tread patterns optimised to combine low rolling resistance and road noise, with excellent driving stability and a comfortable road ride.

New, brighter, exterior colours will be available on the new RAV4. These stem from the use of new brightening materials in the ecologically-friendly water-based paints, the use of

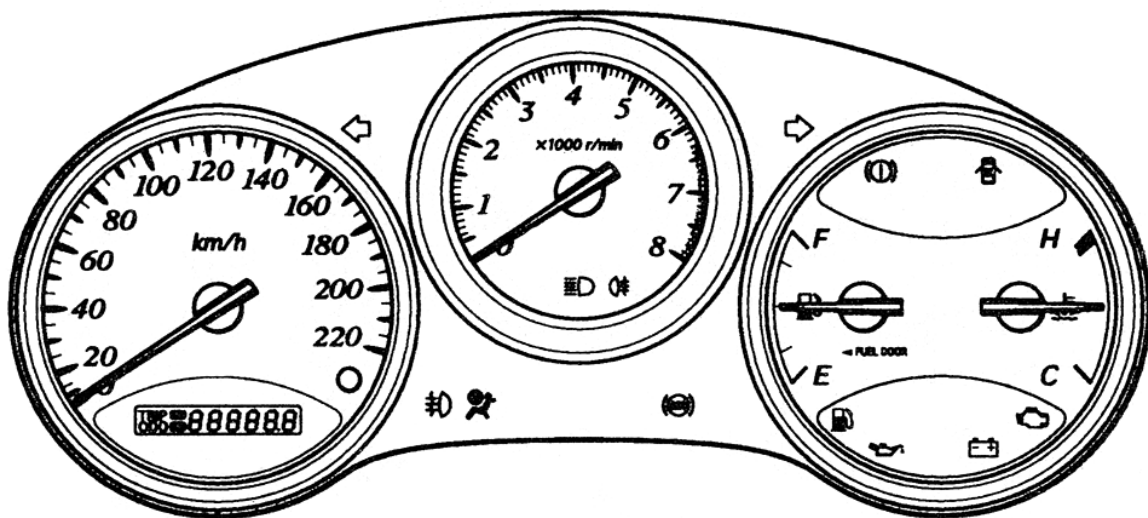
brushed-up basic colours and pure character colours. These exterior colours are offered with the choice of matching interior colours.

INTERIOR STYLING

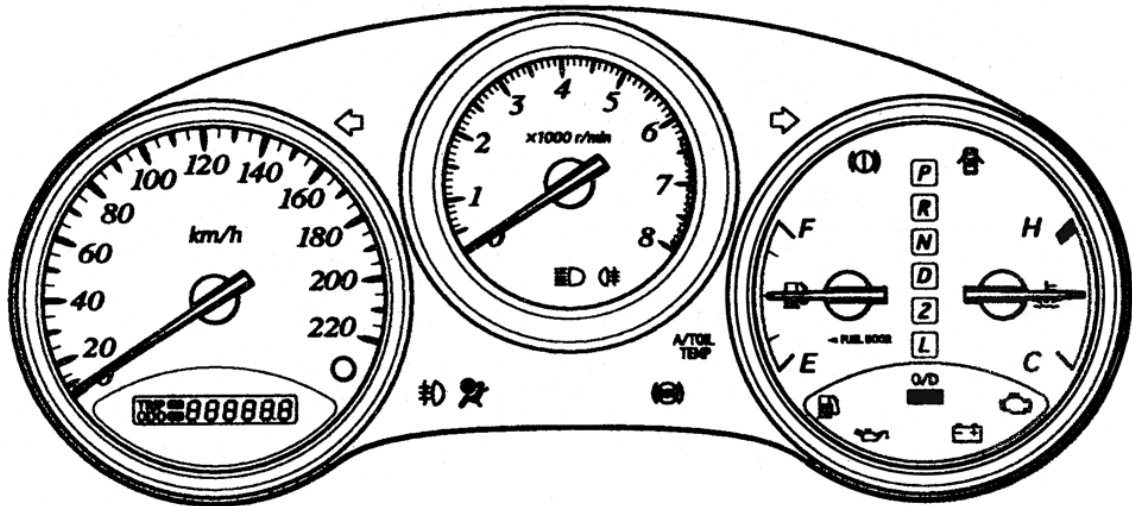
In addition to generating more space and offering a greater versatility of potential configurations, key aims in the design of the interior of the new RAV4 were to create a dramatic interior that appeals to both touch and sight.

The instrument panel area achieves an elegant robust look through the functional arrangement of the air vents, audio unit and the air conditioning unit in the centre cluster and the use of bold metallic inserts (where appropriate).

The main instruments are situated ahead of the driver in a combination meter display, featuring three analogue instruments; speedometer, tachometer and multi-function display, each beautifully styled. All utilise dark characters on a white background, with the tachometer mounted centrally and above the other two, which along with the change from green illumination in the previous model to amber, signify the sporty and robust nature of the new RAV4.



For manual models



For automatic models

The use of metallic rings is also consistently applied in the surrounds for the circular side air vents at each end of the dashboard, while the hornpad of the three-spoke sports steering wheel with airbag, also utilises a metallic ring to express visual freshness and sportiness. A steering column with tilt mechanism is provided on all models to allow the driver to attain the optimum driving position and the column also contains an energy-absorbing mechanism to lessen injury in the event of an accident.

The door trims feature a boomerang-shaped graphic motif, accommodating a speaker grille. This along with the continued use of metallic colours and dimple finish on the door grip, further accentuates the atmosphere of sportiness and visual freshness of the RAV4 interior.

FLEXIBLE SEATING

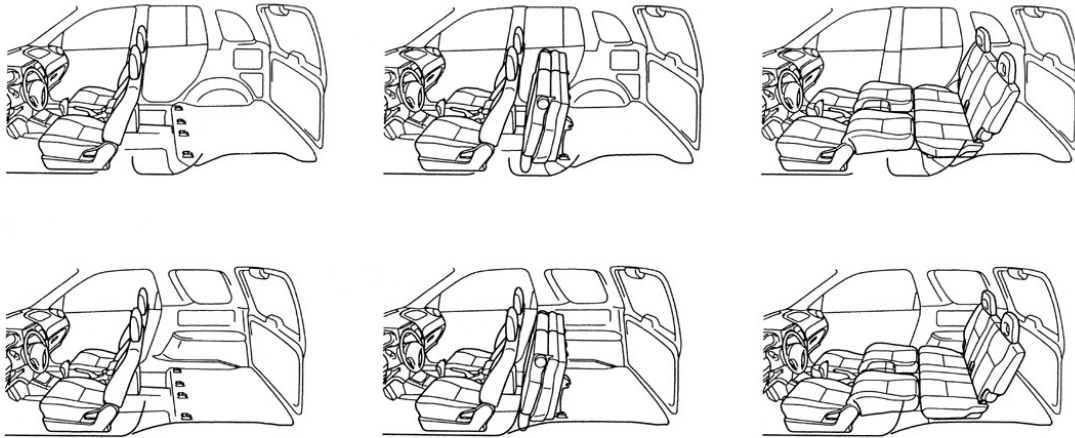
The seats in the new RAV4 have been optimised to enhance their size, comfort and quality. The front seats feature both a revised shape and an increased sliding range, in addition to height adjustment for the driver seat. The seats have also been designed to incorporate the WIL (Whiplash Injury Lessening) concept, which holds the body posture in position to dampen the impact on an occupant's neck in a low-speed rear-end collision.

The innovative design of the rear seats offers new levels of flexibility. Rear seats can now be reclined and have a seat-slide facility to increase cargo space by a further 150mm.

The rear seats are also designed to fold and tumble forwards and a new feature is that the seats can now be removed completely in order to accommodate larger luggage items.

New seat covering materials have been designed to enhance the vehicle's innovative interior appearance. They are available in two types of fabric and in genuine leather.

Five-door model



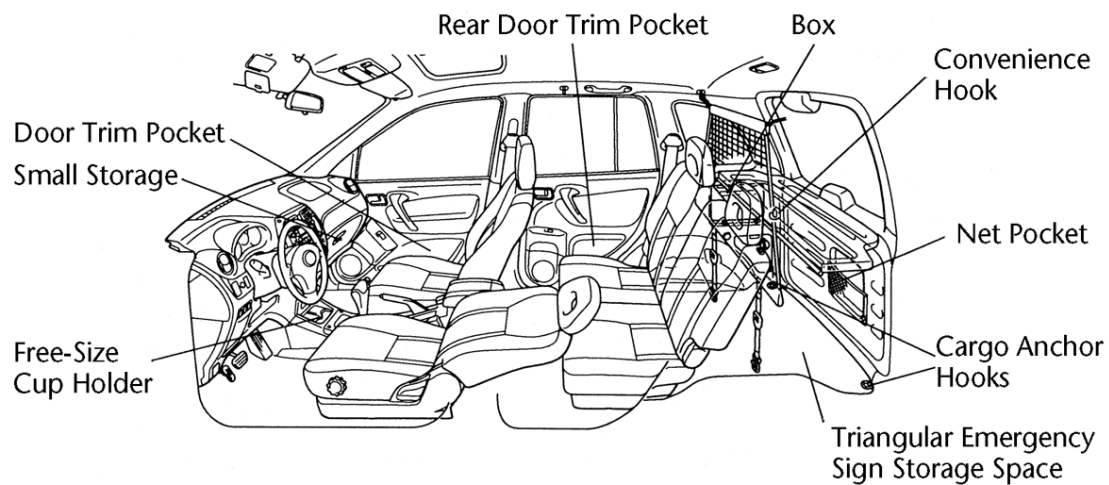
Three-door model

NOISE REDUCTION

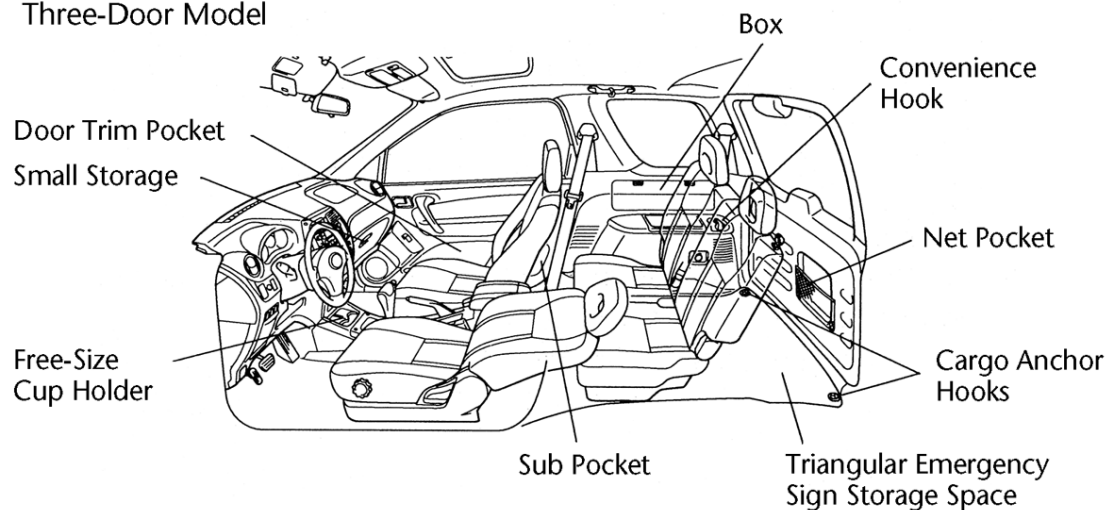
The reduction of noise, vibration and harshness (NVH) has been a priority in the interior design of the new RAV4. Sound insulation materials inside the doors minimise any potential resonance while the vehicle is on the move, while a 15mm-thick layer of ecologically-friendly RSPP (Recycled Sound Proof Product) formed from recycled shredder dust, is used beneath the floor to reduce noise and vibration.

Attention to detail has long been a keynote of Toyota quality. The storage of small items and oddments is a typical example. Ten storage areas or assistance items are available on RAV4 models.

Five-Door Model



Three-Door Model



1. Cup Holder. Two holders are available front (size adjustable) and rear
2. Small centre dash storage for cards and coins
3. Door trim pockets for storing maps/papers
4. Front door trim sub pocket (3-door) for items such as small umbrellas
5. Rear door trim pockets (5-door). Partitioned into two areas to hold large and small items
6. New pocket in back door trim. Ideal for storing spare maps
7. Convenience hooks in luggage area. Holds a shopping bag upright
8. Box at side of luggage area. Useful for holding a First Aid kit
9. Triangular emergency sign storage. Under luggage area floor (5-door)
10. Sunglasses case in overhead console

All audio units are compatible with Toyota's highly praised and affordable satellite navigation system.

VVT-i POWERTRAINS FOR PERFORMANCE AND ECONOMY

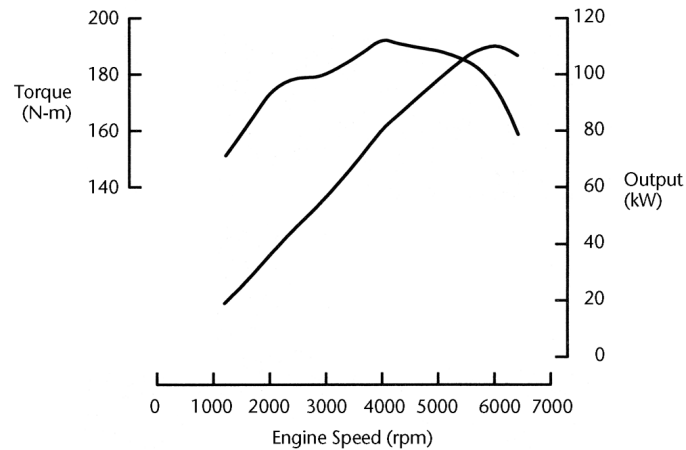
- **Choice of engines all featuring VVT-i (Variable Valve Timing - intelligent) technology, to optimise torque, power and efficiency**
- **2.0-litre engine developing 147bhp (110kW) @ 6,000rpm and 142lbft (192Nm) @ 4,000rpm. Offered with 5-speed manual or 4-speed automatic gearbox and full time 4WD system**
- **1.8-litre engine developing 123bhp (92kW) @ 6,000rpm and 119lbft (161Nm) @ 4,200rpm. Offered with a 5-speed manual gearbox and a 4x2 transmission**
- **Best in class power-to-weight ratio for optimum performance, acceleration and economy**
- **Improved quietness, serviceability and lower exhaust gas emissions**

ENGINE

Both the 2.0-litre and 1.8-litre engines used in the new Toyota RAV4 are in-line, four cylinder, 16-valve power units, featuring double overhead camshafts and the VVT-i (Variable Valve Timing - intelligent) system which improves torque in all speed ranges.

The system controls the inlet camshaft within a wide range (50%) of the crankshaft angle, adjusting the timing to suit engine rev and load conditions fed to it via the engine ECU. It optimises torque and economy in all engine speed ranges and ensures reduced exhaust emissions. With the aid of a new type of fuel injector and precision control of the system by an air-fuel ratio sensor, both the new engines meet the latest EU Step III exhaust gas emission regulations.

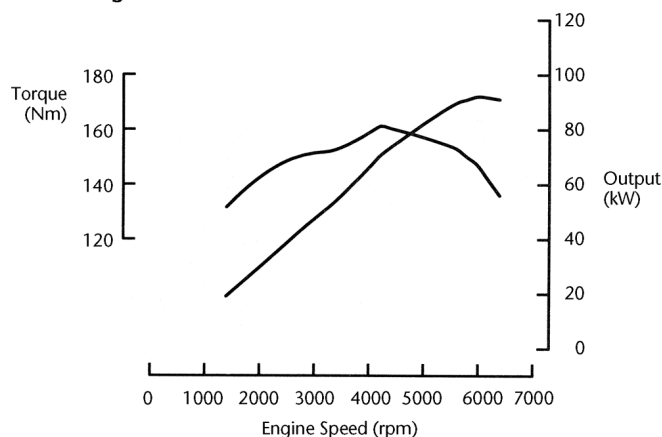
The 1998cc engine (codenamed 1AZ-FE) has a bore and stroke of 86.0 x 86.0mm and features a long-port, large bore inlet manifold to improve the volumetric efficiency of the intake air and the angle of the intake and exhaust valves allows a very compact combustion chamber.



By increasing inlet efficiency in this manner, greater combustion efficiency is attained. This contributes to the class-leading power output of 147bhp (110kW) @ 6,000rpm and a maximum torque of 142lbft (192Nm) @ 4,000rpm. Fuel consumption on the combined Euro cycle is 32.1mpg (30.4mpg for the A/T). The engine also boasts excellent acceleration figures: 0-62mph in 10.6 seconds (10.8 for the A/T), whilst the car reaches a top speed of 115mph (109mph for the A/T).

The 1794cc engine (code named 1ZZ-FE) is a retuned version of that used in the Celica and MR2. It has a bore and stroke of 79.0 x 91.5mm and also features an optimised inlet tract and combustion chamber to develop 123bhp (92kW) @ 6,000rpm and a maximum torque of 119lbft (161Nm) @ 4,200rpm. On the combined cycle, the 1.8 engine offers a fuel-consumption of 38.2mpg. Sixty-two miles per hour is reached after just 12.2 seconds, and the top speed is 109mph.

1ZZ-FE Engine Performance



Both engines offer class leading emissions and fuel economy on the combined cycle when compared to their direct competitors, as illustrated below.

	Combined l/100km (mpg)	CO₂ Emissions (g/100km)
3-door - petrol		
New RAV4 1.8	7.4 (38.2)	175 (man)
Current RAV4 2.0	9.4 (30.1)	223 (man)
	9.8 (28.8)	230 (auto)
Land Rover Freelander	10.2 (27.7)	248 (man)
Honda HR-V 1.6	8.6 (32.8)	204 (man)
	8.7 (32.5)	206 (auto)
Suzuki Vitara 1.6 petrol	8.7 (32.5)	207 (man)
Mitsubishi Shogun Pinin	9.0 (31.4)	217 (man)
5-door - petrol		
New RAV4 2.0	8.8 (32.1)	211 (man)
	9.3 (30.4)	224 (auto)
Current RAV4 2.0	9.4 (30.1)	223 (man)
	9.8 (28.8)	230 (auto)
Land Rover Freelander 1.8	10.2 (27.7)	248 (man)
Honda CR-V 2.0	9.7 (29.1)	229 (man)
	9.9 (28.5)	235 (auto)
Suzuki Grand Vitara 2.5	10.6 (26.6)	256 (man)
	11.5 (24.6)	278 (auto)

Weight reduction and compactness are features of both engines, contributing to RAV4's class leading power-to-weight ratio. Both engines utilise an aluminium cylinder block whose rigidity has been improved by reinforcement. Further weight reduction is facilitated by the use of lightweight plastic intake manifolds and in the case of the 2-litre engine, a magnesium alloy cylinder head cover.

The added rigidity of the engine block significantly reduces the radiated sound and vibration, contributing to the increased refinement of the new RAV4. This is also achieved by reducing the front and rear overhang of the crankshaft to reduce bending vibration, by improved coupling rigidity of the engine and transmission, and by improved mounting rigidity of the ancillary equipment.

Improved serviceability on the new engines is ensured by the adoption of a DIS (Direct Ignition System) which makes ignition timing adjustment unnecessary and the use of long-life, iridium-tipped sparking plugs. A timing chain is used for camshaft drive, offering maintenance-free operation.

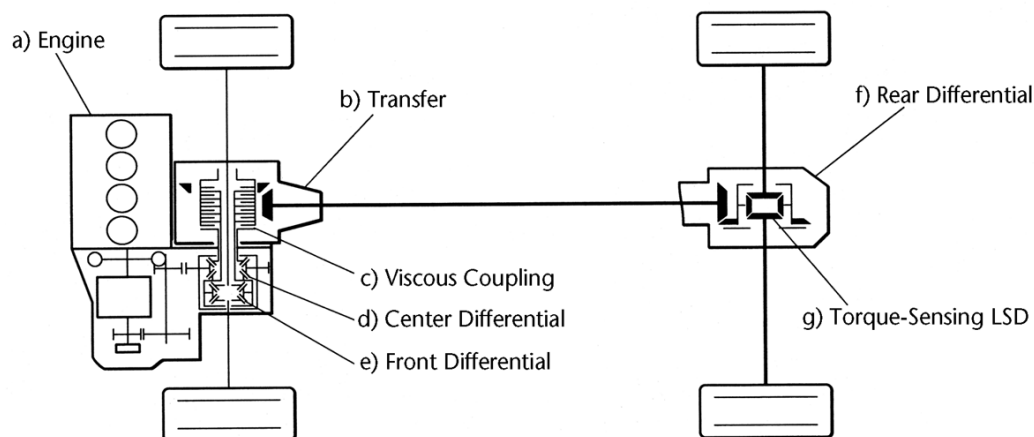
A serpentine belt system has been adopted to drive all ancillaries, featuring automatic adjustment, which makes belt tension adjustment unnecessary. The oil-level gauge has been positioned in the front of the vehicle, to allow the oil level to be checked easily.

TRANSMISSION

Three types of drivetrain are available on the new RAV4. The 2-litre model offers a choice of either 5-speed manual gearbox or a 4-speed automatic featuring Super ECT, driving a Full Time 4WD system which provides 50/50 torque distribution to the front and rear for optimum handling and stability.

Power from the transversely-mounted engine is fed from the transaxle on the left side of the vehicle to a transfer box behind the power unit which contains a simple, compact and highly rigid centre differential and viscous coupling.

A Torsen limited-slip rear differential is standard on the NRG and VX grades. This improves the vehicle's standing start acceleration performance and cornering stability in normal driving conditions, adding further to the sporting feel of the RAV4's handling.



The manual five-speed transaxle used in the new 2-litre RAV4 is a development of the unit used in the current model. It features revised ratios to take advantage of the increased torque developed by the new engine, lighter weight and improved gearshift feel with a shorter lever throw.

The four-speed Super ECT offered in the 2-litre RAV4, is a new-generation automotive transaxle that uses Toyota's latest transmission technology to achieve a high level of response and smooth shifting. The latest low-friction technology is also used, to realise a dramatic improvement in fuel economy.

The 1.8-litre variant, which is being offered for the first time, features a five-speed manual gearbox and a 4x2 transmission driving the front wheels. It has revised ratios to maximise engine performance, a lighter weight and improved gearshift feel with a shorter lever throw.

IMPROVED SUSPENSION AND BETTER HANDLING

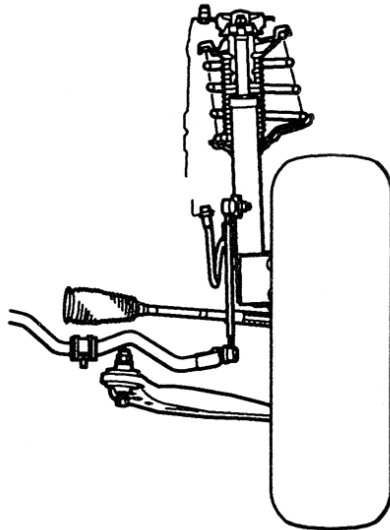
- **MacPherson strut-type front suspension with negative camber and anti-roll stabiliser bar**
- **Longer stroke, double wishbone rear suspension with anti-roll stabiliser bar**
- **Power steering on all models features compact and lightweight hydraulics to aid energy efficiency**
- **ABS with EBD (electronic brake force distribution) on all models**
- **Ventilated front disc and solid rear disc brakes**
- **16-inch alloy wheels enhance styling and fun-to-drive handling**

The original RAV4 set new standards in SUV ride and handling, often being favourably compared with sports hatchbacks. The new RAV4 takes the standard another step higher, upgrading the suspension systems successfully used by its predecessor with particular attention paid to wheel alignment, bushing and spring rates, while the suspension travel and damping have been enhanced to further improve the vehicle's stability and ride comfort.

Additional refinements also include pipe-shaped reinforcements to the steel front subframes to which the suspension is mounted. This greater rigidity aids vehicle manoeuvrability and stability.

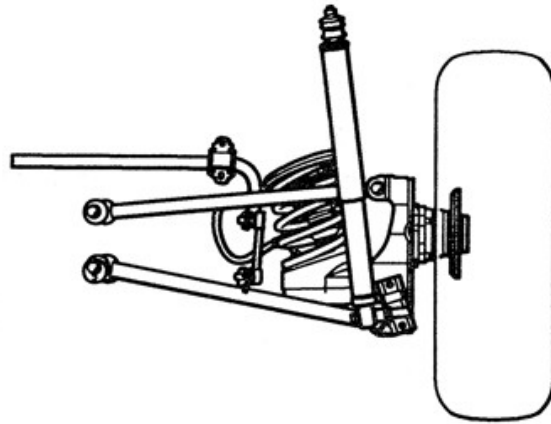
The new RAV4 utilises MacPherson strut-type suspension and L-shaped lower arms for the front wheels. The design has been further enhanced by the use of low-pressure nitrogen gas-filled shock absorbers and an anti-roll stabiliser bar, to further improve ride and handling. The front suspension additionally features a small amount of negative camber, to assist in developing front end grip while turning and realise excellent cornering performance.

Front



A double-wishbone suspension with stamped steel trailing arms is again used at the rear of the RAV4. The amount of available movement has been increased by increasing the length of the suspension arms, ensuring both added on-road ride comfort and excellent rough-road driveability. The coil spring and shock absorber are located separately, which enables the RAV4's rear floor to be lowered to provide ample interior space.

Rear



As at the front of the car, careful development of suspension geometry and wheel alignment ensures the optimal use of bushing materials and design to provide the highest levels of controllability, stability and ride comfort. Particular effort was paid to ensuring the minimum of toe variation during suspension bump and rebound.

The upper and lower rear suspension arms, along with the rear stabiliser bar are made from hollow bars. This saves both unsprung weight to enhance suspension performance and overall weight to aid driveability and fuel economy.

The new RAV4 features responsive rack and pinion steering, assisted by engine revolution-sensing power assistance. This is driven by a compact and lightweight vane pump, which along with a similarly lightweight plastic reservoir tank further reduces weight and aids overall driveability and fuel economy.

All new RAV4 models feature stepless tilt adjustment of the steering column to achieve the optimum driving position. The column additionally incorporates an energy absorbing mechanism and breakaway brackets to reduce the chance of intrusion into the passenger area in the event of a collision.

ABS anti-lock braking with EBD (electronic brake force distribution) control is standard on all UK models. The front brakes on all RAV4 models utilise ventilated discs to provide excellent braking performance, both in maximum rate braking and repetitive braking cycles. Pedal pressures are reduced by the use of an advanced brake booster, which incorporates the

master cylinder as a part of the booster structure to achieve a single compact unit situated at the rear of the engine bay. The rear discs are solid.

The EBD control utilises ABS to electronically ensure the correct brake force distribution between the front and rear wheels, in accordance with driving conditions. In addition during cornering and braking, it also controls the brake forces of right and left wheels, helping to maintain vehicle stability. The ABS system in the four wheel drive version is equipped with a deceleration sensor.

The new 16-inch alloy wheels and full-wheel caps on the steel wheels each feature distinctive five-spoke designs which complement both the stance and styling of the new RAV4. 215/70R16 tyres are the standard fitment for all models, except the NRG and VX which have 235/60R16 tyres as standard.

ENHANCED SAFETY AND ENVIRONMENTAL FEATURES

- **Unitary construction with impact absorbing structures for front and side collision protection**
- **Passenger and driver Safety Restraint System (SRS) airbags, pre-tensioned front seat belts with force limiters and head impact protection structure**
- **Double door locking with wireless remote control system and key transponder engine immobiliser system aid security**
- **Increased use of recyclable thermoplastic resins and recycled materials**
- **Reduced use of items that exert a load on the environment**

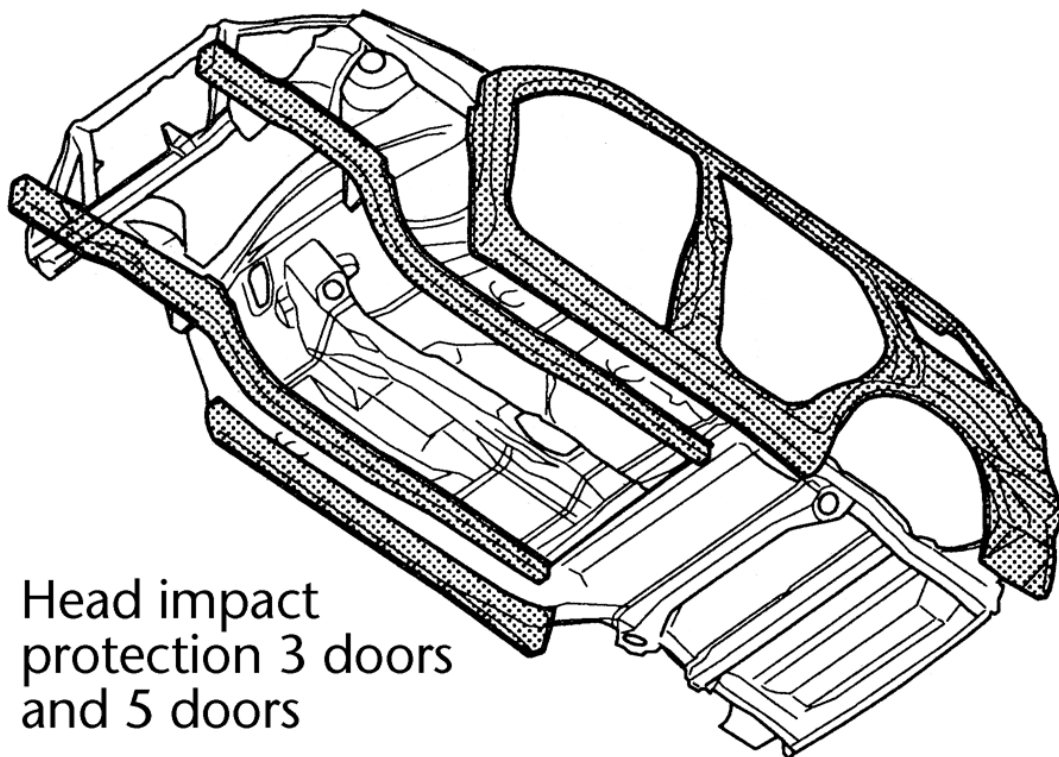
A key part of the design of the new RAV4 has been dedicated to maximising the safety and security of its occupants and to ensuring that the vehicle can be built and used with the minimum negative effect on the environment.

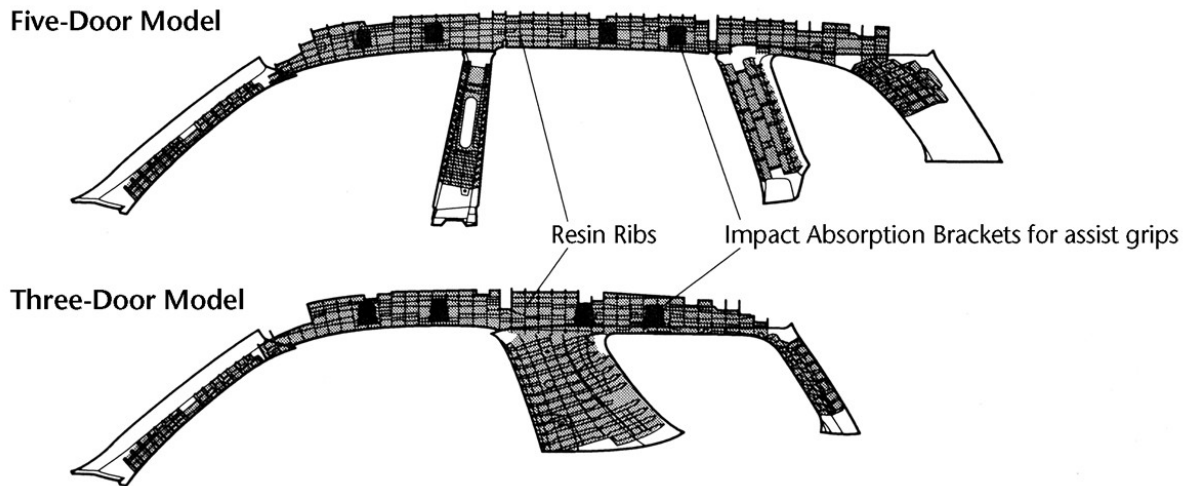
SAFETY

The light yet strong unitary body construction, along with excellent visibility and class-leading manoeuvrability and handling, provide a high level of active safety. However the same structure also offers a maximum of protection for its occupants in the event of an accident.

The front and rear sections of the RAV4 body have been made crushable to facilitate the absorption of the energy of an impact, while the occupants' living space is securely protected by a high-strength cabin structure.

In addition to complying with the European collision safety requirements for frontal offset collision, this structure ensures an occupant protection performance which meets Toyota's own, highly stringent targets.





In the event of secondary collision between the occupants and the vehicle interior during the course of an accident, impact-dampening brackets and plastic ribs are provided in the front and centre pillars and the roof side rails to lessen the effect of any impact to occupants' heads.

Dual SRS (Safety Restraint System) airbags are fitted to all RAV4 models and will activate in response to a strong frontal impact. A pressure switch will also simultaneously shut down the car's fuel injection pump.

The front seat belts utilise a pretensioner mechanism which instantly retracts the seat belt to further improve its effectiveness in restraining the occupant during an accident. A force limiter mechanism is also utilised which allows the belt to progressively extend if the force on the occupant is greater than a prescribed amount. This decreases the risk of injury to the occupant's chest area.

The front seats have also been designed to incorporate the WIL (Whiplash Injury Lessening) concept, which holds the body posture in position to dampen the impact on an occupant's neck in a low-speed rear-end collision. Rear seats feature three-point belts (three in the 5-door and two in the 3-door) along with head restraints and recline lock mechanisms to provide enhanced protection.

SECURITY

The new RAV4 features a number of class leading security features which offer peace of mind ownership:




- Engine immobiliser system
- Alarm
- Remote central door locking
- Double locking
- Security window etching
- Vehicle parts marking and visible VIN
- Locking wheel nuts including spare wheel
- Unique shape audio

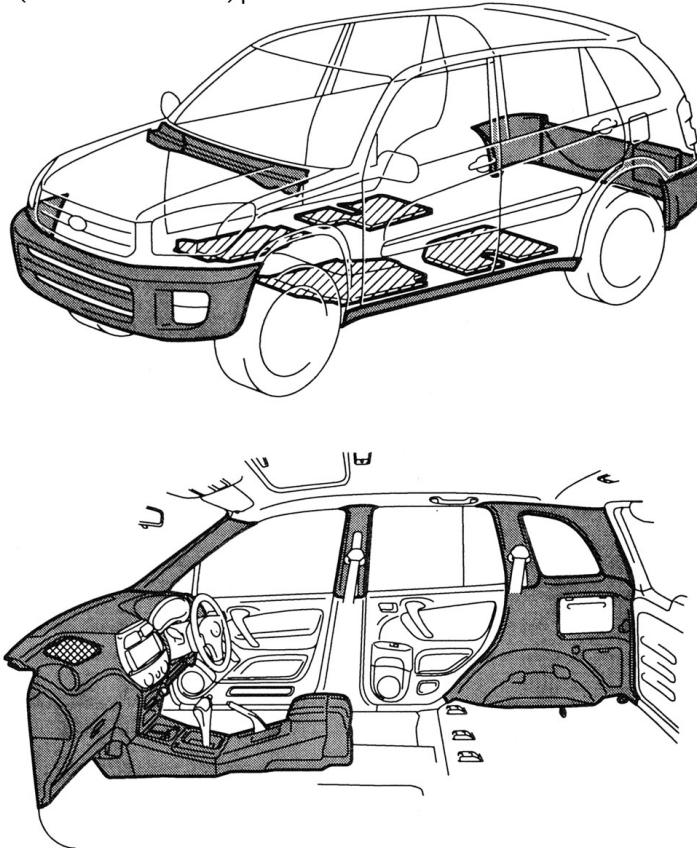
The new RAV4 offers enhanced security with a wireless door lock remote control system featuring a key-integrated transmitter and double door locking. The locking system is integrated with an engine-immobiliser theft-deterrent system, which disables the engine unless it is started using the ignition key with an ID code that matches the pre-registered code in the vehicle.

The locking system uses a transponder chip embedded in the grip of the ignition key. Only when the coil located around the ignition lock cylinder receives the signal from the key and correctly matches it with the code stored in the car's ECU, can the engine be started and the car driven away.

ENVIRONMENT

The new RAV4, in addition to utilising its class leading power-to-weight ratio to offer outstanding fuel economy and its new generation of VVT-i engines to meet the most stringent emissions requirements, is also designed to minimise the effect on our environment in its choice of materials during build and ultimately, at the end of its life.

- a)  TSOP (Toyota Super Olefin Polymer) portion
- b)  RSPP (Recycled Sound-Proof Products) portion
- c)  TPO (Thermo Plastic Olefin) portion



A number of components in the structure and trim of the RAV4 are produced from recycled materials and are designed to be subsequently recycled again in the future. For example much of the vehicle's class-leading quietness can be attributed to a 15mm-thick layer of ecologically-friendly RSPP (Recycled Sound Proof Product) formed from recycled shredder dust, which is used beneath the floor carpet to reduce noise and vibration.

The majority of the interior mouldings and the large front and rear exterior bumper mouldings are manufactured from TSOP (Toyota Super Olefin Polymer). This is a specially developed type of thermoplastic resin material that excels in its recyclability.

Equally important is Toyota's commitment to reducing the use of materials that exert a load on the environment. In areas such as the radiator, wiring harness film and battery cable terminals, Toyota is a leader in promoting the changeover to parts that do not use lead.

NEW RAV4 TECHNICAL SPECIFICATIONS

ENGINE (1.8L)			
Code name	1ZZ-FE		
Valve Mechanism	Variable valve timing, 16 valve, DOHC, Chain Drive		
Bore x Stroke (mm)	79.0 x 91.5		
Displacement (cc)	1794		
Compression ratio	10.0:1		
Max. Power (kW/rpm)	92@6000 (123bhp)		
Max. Torque (Nm/rpm)	161@4200 (119lbft)		
Max. Speed (km/h)	175 (109mph)		
Gear Ratios	M/T		
1 st	3.545		
2 nd	1.904		
3 rd	1.310		
4 th	1.031		
5 th	0.864		
Reverse	3.250		
ENGINE (2.0L)			
Code name	1AZ-FE		
Valve Mechanism	Variable valve timing,16 valve, DOHC, Chain Drive		
Bore x Stroke (mm)	86.0 x 86.0		
Displacement (cc)	1998		
Compression ratio	9.8:1		
Max. Power (kW/rpm)	110@6000 (147bhp)		
Max. Torque (Nm/rpm)	192@4000 (142lbft)		
Max. Speed (km/h)	185 (115mph) (M/T), 175 (109mph) (A/T)		
Gear Ratios	M/T	A/T	
1 st	3.833	3.938	
2 nd	2.045	2.194	
3 rd	1.333	1.411	
4 th	1.028	1.019	
5 th	0.820	-	
Reverse	3.583	3.141	
ACCELERATION (sec)	1.8L	2.0L	
0-100km/h	12.2	10.6 (M/T) 10.8 (A/T)	
0-400m	17.6	16.9 (M/T) 17.5 (A/T)	
FUEL CONSUMPTION MPG	1.8L	2.0L manual	2.0L automatic
Combined	38.2	32.1	30.4
Urban	30.1	24.8	22.8
Extra Urban	45.6	38.7	37.2
DIMENSIONS (exterior)	3 DOOR		5 DOOR
Overall length	3850 – NV 3865 – NRG		4200 – NV 4250 – GX 4260 – VX
Overall width (mm)	1735 1785 (wide pack)		1735 1785 (wide pack)

Overall height - 4WD (mm)	1695 (215 tyre) 1700 (235 tyre)	1705 (215 tyre) 1710 (235 tyre)
Overall height - FF (mm)	1655 (215 tyre)	N/A
Wheelbase (mm)	2280	2490
Min. turning radius (m)	5.0	5.3
Kerb weight (kg)	1220-1330 (2.0L) 1125-1235 (1.8L)	1275-1385 (2.0L) N/A
Gross Vehicle Weight (total kg)	1595 (2WD) 1690 (4WD)	1825
Tread width – 4WD (mm) front	1505 (215 tyre) 1525 (235 tyre)	
Tread width – FF (mm) front	1510 (215 tyre)	
Tread width – 4WD (mm) rear	1495 (215 tyre) 1520 (235 tyre)	
Tread width – FF (mm) rear	1500 (215 tyre)	
Fuel Tank capacity (L / gal)	57 / 12.5	
Coefficient of Drag	0.35	
SUSPENSION		
Front	MacPherson Struts with L-shaped arms	
Rear	Double Wishbone with trailing arms	
BRAKES		
Front	ventilated disc	
Rear	solid disc	
STEERING		
Type	Rack and Pinion	
Ratio	16	
Turns lock to lock	2.9	
TYRES AND WHEELS		
Wheel size	16" Aluminium / Steel	
Tyre size (NV & GX) (NRG & VX)	215/70 R 16 235/60 R 16	

ENDS