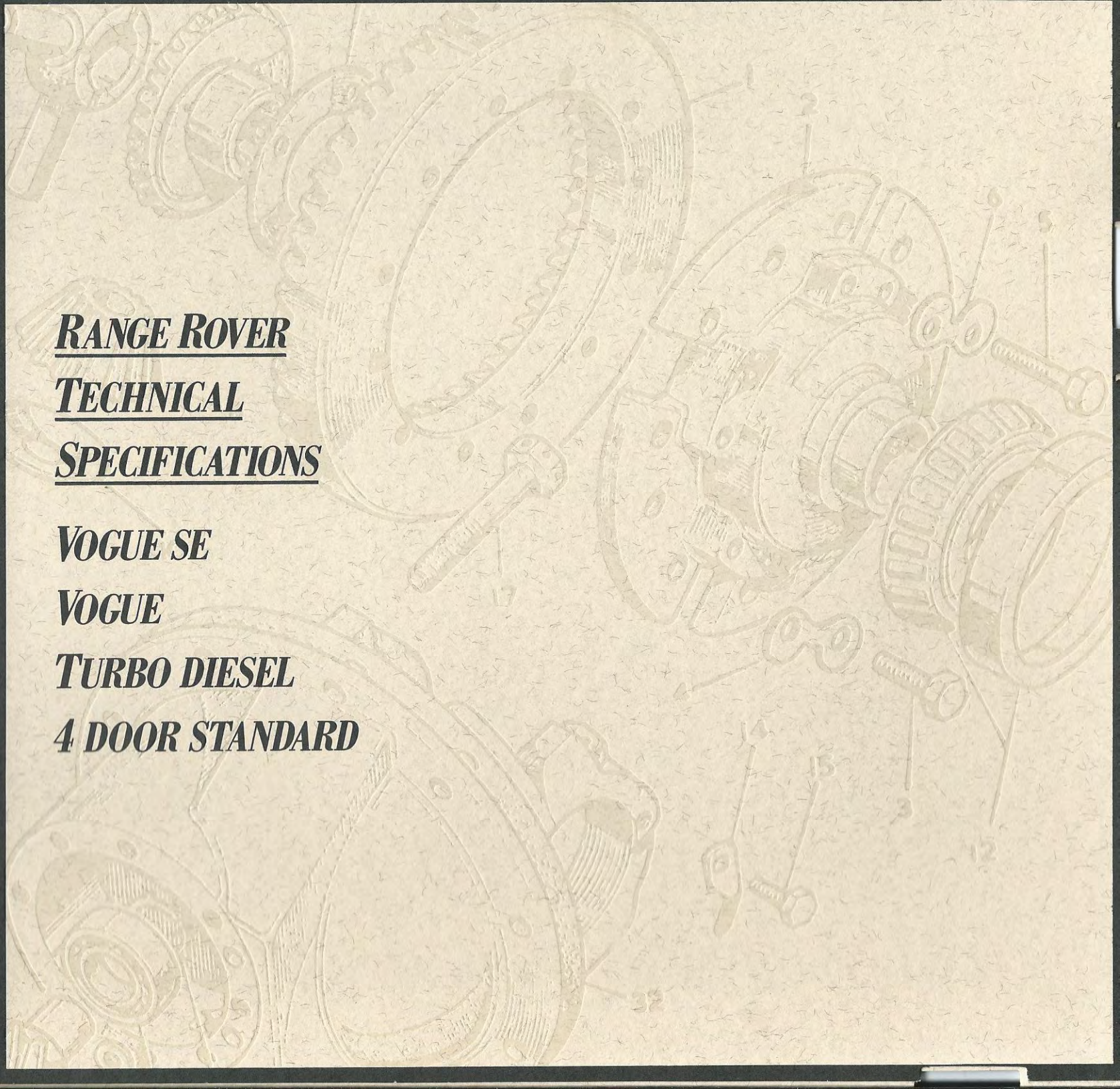
RANGE ROVER TECHNICAL SPECIFICATIONS

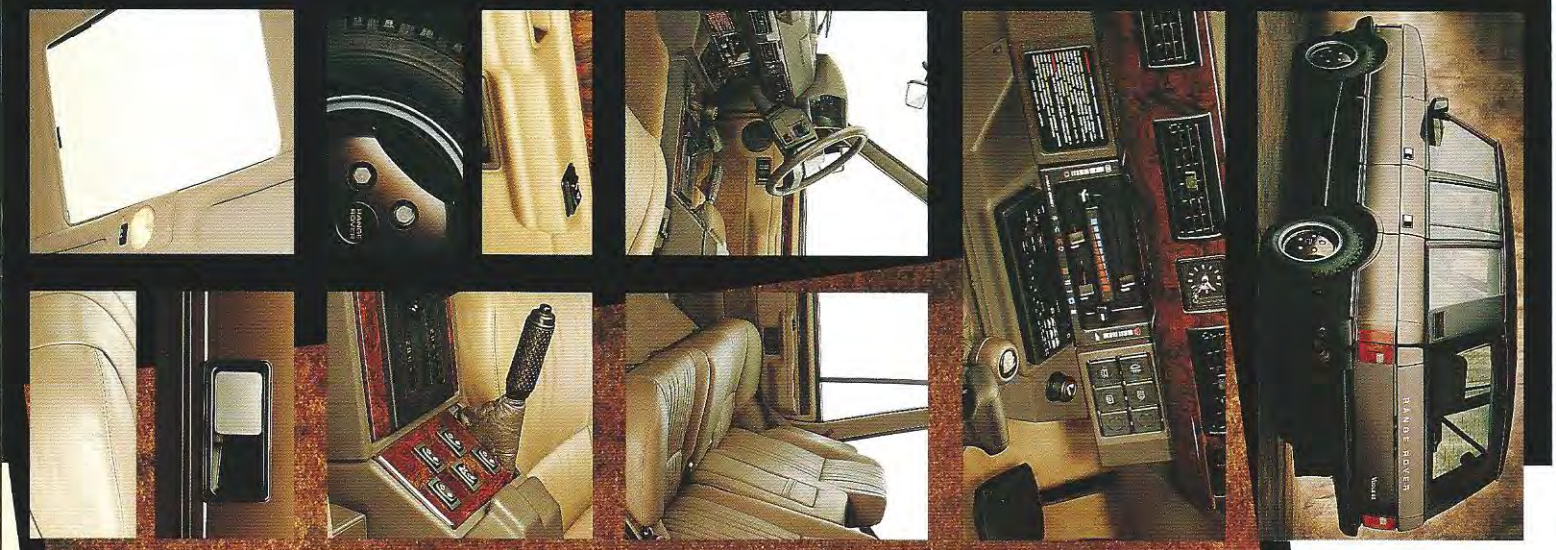
VOGUE SE

VOGUE

TURBO DIESEL

4 DOOR STANDARD





861 K°ODAK

RANGE ROVER VOGUE SE

WEIGHTS (EEC KERB)

	Front Axle kg	Rear Axle kg	Total kg
4 Speed auto	960	994	1954
GVW	1100	1650	2720

Note: Gross vehicle axle weights are non-additive.

LOAD VOLUMES (MAXIMUM USABLE)

Rear seat up	1.02 m^3	(36.2 ft^3)
Rear seat down	2.00 m^3	(70.8 ft^3)

DIMENSIONS

Wheelbase	mm (ins)	2540	(100)
Overall Length	mm (ins)	4450	(175)
Overall Height	max mm (ins)	1792	(71)
Overall Width	mm (ins)	1813	(72)

FUEL SYSTEM

76.3 litre (16.8 imp gallon) fuel tank. Petrol.

TOWING

		Trailer Weight kg
Unbraked Trailer	on or off road	750
Trailer with over run brakes	on road	3500
	off road	1000
Fully braked trailer	on road	4000
	off road	1000

TECHNICAL SPECIFICATIONS

RIDE LEVELLING DEVICE: Maintenance-free, self-energising Boge-Hydromat ride level unit is fitted to rear axle. Internal relief valve prevents the unit energising when overloaded.

SUSPENSION: Long travel, coil spring suspension, dual rate at rear. Axle location by radius arms with Panhard rod (front), and trailing links and central A-frame (rear). Long stroke hydraulic telescopic dampers.

HEATING AND VENTILATION: Through-flow heating and ventilation for fresh or re-circulated air with ram air facility: three-speed fan, face-level vents, rear extractor grilles, heater ducting to rear, side window demisters. Air conditioning system with fresh air blend facility.

STEERING: Power-assisted steering with damper and safety column. 3.375 turns lock to lock.

WINDSCREEN WIPERS AND WASHERS: Single steering column-mounted stalk operates two-speed wipers, flick wipe, variable intermittent wipe and programmed wash and wipe sequence including headlights power wash. Rear wash and wipe programme with intermittent facility operated from separate steering column switch.

LIGHTING: Quartz halogen headlamps (60 watt main, 55 watt dipped); with ignition override, side lamps, indicator lamps/hazard warning, stop/tail, reversing; rear fog guard and number plate lamps; interior lamps with delay system; automatic under-bonnet inspection lamp. Puddle lamp and hazard light in front doors.

BRAKES: Hydraulic disc brakes on all four wheels with servo-assistance. Dual circuit piping. Drum-type handbrake operating on transfer box rear shaft.

AXLES: Beam type axles front and rear incorporating spiral bevel-type differentials and fully floating axle shafts. Differential ratio 3.54:1. Front axle incorporates enclosed constant velocity joints.

WHEELS AND TYRES: Michelin XM+S 244 reinforced (tubeless) 205 R 16 tyres on colour-keyed alloy wheels or Goodyear Wrangler (tubeless) 205 R 16 on colour-keyed alloy wheels.

ELECTRICAL SUPPLY: 12v negative earth system. Heavy-duty, maintenance-free 80 amp output alternator. 20 fuses. Battery reserve 180/78/89A/min/v. Constant energy electronic ignition for optimum engine tune.

CONSTRUCTION: Electrophoretically corrosion-proofed welded box section chassis. Pressed steel body frame. Body panels generally of lightweight, rust-proof aluminium alloy, finished in metallic paint.

SEATING: Connolly leather upholstery. Six-way electrically adjustable front seats with integrated armrests. Rear seat for three passengers which folds to increase payload area. Height adjustable front seatbelts, with seat-mounted buckles.

MISCELLANEOUS: Leather-covered steering wheel, sun visors with passenger's vanity mirror and driver's ticket pocket, tinted glass, laminated non-tinted windscreen, parcel tray, passenger leather-trimmed grab handle, door-mounted electrically operated and heated rear view mirrors, cigar lighter, heated rear window, rear mud flaps, central locking including tailgate and fuel filler flap. Rear loadspace cover. Electric windows, with single touch descending action on driver's window. Heated front washer jets. Polished burl walnut inserts on doors, air conditioning rail and centre console. Electric tilt and slide sunroof. Front spoiler with driving lights. Side rubbing strip. Pinstripe coachline. Leather transfer lever gaiter. Anti-theft AM/FM stereo radio and compact disc player with six speakers.

PETROL INJECTED ENGINE: Eight cylinders in vee formation, aluminium construction with five-bearing crankshaft and self-adjusting hydraulic tappets. Bore 88.9 mm (3.5 in). Stroke 71.1 mm (2.8 in). Cubic capacity 3528 cc (215 cu in). Compression ratio 8.13:1. Max Power (DIN net) 112 kW (150 bhp) at 4750 rpm. Max Torque 258 Nm (190 lb/ft) at 2500 rpm.

AUTOMATIC TRANSMISSION: ZF automatic gearbox incorporating four forward and one reverse speeds, manual override and kickdown. Chain-driven transfer box giving permanent four wheel drive high (1.2058) and low (3.2431) ratios. Centre differential with viscous control unit.
Gear ratios: 1st, 2.4795; 2nd, 1.4795; 3rd 1.0000; 4th, 0.7281; R, 2.0857.

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Publication Number RR 9/89

RANGE ROVER VOGUE

861 K•ODAK

WEIGHTS (EEC KERB)

	Front Axle kg	Rear Axle kg	Total kg
4 door 5 speed manual	944	966	1910
4 door 4 speed auto	960	994	1954
GVW	1100	1650	2720

Note: Gross vehicle axle weights are non-additive.

LOAD VOLUMES (MAXIMUM USABLE)

Rear seat up	1.02 m^3	(36.2 ft^3)
Rear seat down	2.00 m^3	(70.8 ft^3)

DIMENSIONS

Wheelbase	mm (ins)	2540	(100)
Overall Length	mm (ins)	4447	(175)
Overall Height	max mm (ins)	1792	(71)
Overall Width	mm (ins)	1813	(72)

FUEL SYSTEM

76.3 litre (16.8 imp gallon) fuel tank. Petrol.

TOWING

		Trailer Weight kg
Unbraked Trailer	on or off road	750
Trailer with over run brakes	on road	3500
	off road	1000
Fully braked trailer	on road	4000
	off road	1000

TECHNICAL SPECIFICATIONS

RIDE LEVELLING DEVICE: Maintenance-free, self-energising Boge-Hydromat ride level unit is fitted to rear axle. Internal relief valve prevents the unit energising when overloaded.

SUSPENSION: Long travel, coil spring suspension, dual rate at rear. Axle location by radius arms with Panhard rod (front), and trailing links and central A-frame (rear). Long stroke hydraulic telescopic dampers.

HEATING AND VENTILATION: Through-flow heating and ventilation for fresh or re-circulated air with ram air facility: three-speed fan, face-level vents, rear extractor grilles, heater ducting to rear, side window demisters. Air conditioning system optional. Air conditioning system incorporates fresh air blend facility.

STEERING: Power-assisted steering with damper and safety column. 3.375 turns lock to lock.

WINDSCREEN WIPERS AND WASHERS: Single steering column-mounted stalk operates two-speed wipers, flick wipe, variable intermittent wipe and programmed wash and wipe sequence including front headlights power wash. Rear wash and wipe programme with intermittent facility operated from separate steering column switch.

LIGHTING: Quartz halogen headlamps (60 watt main, 55 watt dipped); with ignition override, side lamps, indicator lamps/hazard warning, stop/tail, reversing; rear fog guard and number plate lamps; interior lamps with delay system; automatic under-bonnet inspection lamp. Puddle lamp and hazard light in front doors.

BRAKES: Hydraulic disc brakes on all four wheels with servo-assistance. Dual circuit piping. Drum-type handbrake operating on transfer box rear shaft.

AXLES: Beam type axles front and rear incorporating spiral bevel type differentials and fully floating axle shafts. Differentials ratio 3.54:1. Front axle incorporates enclosed constant velocity joints.

WHEELS AND TYRES: Michelin XM + S 244 (tubeless) 205 R 16 tyres on alloy wheels or Goodyear Wrangler (tubeless) 205 R 16 on alloy wheels.

ELECTRICAL SUPPLY: 12v negative earth system. Heavy-duty, maintenance-free 65 amp output alternator. 20 fuses. Battery reserve 180/78/89A/min/v. Constant energy electronic ignition for optimum engine tune.

CONSTRUCTION: Electrophoretically corrosion-proofed welded box section chassis. Pressed steel body frame. Body panels generally of lightweight, rust-proof aluminium alloy, finished in either solid or metallic body colours.

SEATING: Reclining front seats and rear seat for three passengers which folds to increase payload area. Height-adjustable front seats and seatbelts, with seat-mounted buckles, and integrated adjustable front armrests.

MISCELLANEOUS: Leather-covered steering wheel, sun visors with passenger's vanity mirror and driver's ticket pocket, tinted glass, laminated non-tinted windscreen, parcel tray, passenger grab handle, door-mounted electrically operated heated rear view mirrors, cigar lighter, heated rear window, rear mud flaps, central locking including tailgate and fuel filler flap. Rear loadspace cover. Electric windows, with single touch descending action on driver's window. Heated front washer jets. American walnut door inserts. Side rubbing strips. Front spoiler with integrated driving lights. Anti-theft AM/FM stereo radio and stereo cassette player with four speakers. Optional electric slide and tilt sunroof.

PETROL-INJECTED ENGINE: Eight cylinders in vee formation, aluminium construction with five-bearing crankshaft and self-adjusting hydraulic tappets. Bore 88.9 mm (3.5 in). Stroke 71.1 mm (2.8 in). Cubic capacity 3528 cc (215. cu in). Compression ratio 8.12:1. Max Power (DIN net) 112 kW (150 bhp) at 4750 rpm Max Torque 258 Nm (190 lb/ft) at 2500 rpm

OPTIONAL AUTOMATIC TRANSMISSION: ZF automatic gearbox incorporating four forward and one reverse speeds, manual override and kickdown. Chain-driven transfer box giving permanent four wheel drive high (1.2058) and low (3.2431) ratios. Centre differential with viscous control unit.
Gear ratios: 1st, 2.4795; 2nd, 1.4795; 3rd 1.0000; 4th, 0.7281; R, 2.0857.

5 SPEED MANUAL TRANSMISSION: Manual gearbox incorporating five forward and one reverse speeds, manually operated with synchromesh on all forward gears. Chain driven transfer box giving permanent four wheel drive high (1.2058) and low (3.2431) ratios. Centre differential with viscous control unit.
Gear ratios: 1st, 3.321; 2nd, 2.3125; 3rd 1.397; 4th, 1.0000; 5th, 0.770; R, 3.429.

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Publication Number RR 7/89

RANGE ROVER TURBO D

861 K•ODAK

WEIGHTS (EEC KERB)

	Front Axle kg	Rear Axle kg	Total kg
5 speed manual	1010	999	2009
GVW	1200	1650	2720

Note: Gross vehicle axle weights are non-additive.

LOAD VOLUMES (MAXIMUM USABLE)

Rear seat up	1.02 m^3	(36.2 ft^3)
Rear seat down	2.00 m^3	(70.8 ft^3)

DIMENSIONS

Wheelbase	mm (ins) 2540	(100)
Overall Length	mm (ins) 4447	(175)
Overall Height	max mm (ins) 1792	(71)
Overall Width	mm (ins) 1813	(72)

FUEL SYSTEM

79.5 litre (17.5 imp gallon) fuel tank. Diesel.

TOWING

		Trailer Weight kg
Unbraked Trailer	on or off road	750
Trailer with over run brakes	on road	3500
	off road	1000
Fully braked trailer	on road	4000
	off road	1000

TECHNICAL SPECIFICATIONS

RIDE LEVELLING DEVICE: Maintenance-free, self-energising Boge-Hydromat ride level unit is fitted to rear axle. Internal relief valve prevents the unit energising when overloaded.

SUSPENSION: Long travel, coil spring suspension, dual rate at rear. Axle location by radius arms with Panhard rod (front), and trailing links and central A-frame (rear). Long stroke hydraulic telescopic dampers.

HEATING AND VENTILATION: Through-flow heating and ventilation for fresh or re-circulated air with ram air facility: three-speed fan, face-level vents, rear extractor grilles, heater ducting to rear, side window demisters. Air conditioning system optional.

STEERING: Power-assisted steering with damper and safety column. 3.375 turns lock to lock.

WINDSCREEN WIPERS AND WASHERS: Single steering column mounted stalk operates two-speed wipers, flick wipe, variable intermittent wipe and programmed wash and wipe sequence. Rear wash and wipe programme with intermittent facility operated from separate steering column switch.

LIGHTING: Quartz halogen headlamps (60 watt main, 55 watt dipped); with ignition override, side lamps, indicator lamps/hazard warning, stop/tail, reversing; rear fog guard and number plate lamps; interior lamps with delay system; automatic under-bonnet inspection lamp. Puddle lamp and hazard light in front doors.

BRAKES: Hydraulic disc brakes on all four wheels with servo-assistance. Dual circuit piping. Drum type handbrake operating on transfer box rear shaft.

AXLES: Beam type axles front and rear incorporating spiral bevel type differentials and fully floating axle shafts. Differentials ratio 3.54:1. Front axle incorporates enclosed constant velocity joints.

WHEELS AND TYRES: Michelin XM+S (tubed) 205 R 16 tyres on steel wheels or Goodyear Wrangler (tubed) 205 R 16 on steel wheels.

ELECTRICAL SUPPLY: 12v negative earth system with twin 12 volt batteries ensuring optimum starting through the glow plugs. Heavy-duty, maintenance-free 65 amp output alternator. 20 fuses. Battery reserve 180/78/89A/min/v.

CONSTRUCTION: Electrophoretically corrosion-proofed welded box section chassis. Pressed steel body frame. Body panels generally of lightweight, rust-proof aluminium alloy. Metallic paint finish optional.

SEATING: Reclining front seats and rear seat for three passengers which folds to increase payload area. Height-adjustable front seats and seatbelts, with seat-mounted buckles.

MISCELLANEOUS: Soft-feel steering wheel, sun visors with passenger's vanity mirror and driver's ticket pocket, tinted glass, laminated non-tinted windscreen, parcel tray, passenger grab handle, door-mounted rear view mirrors, cigar lighter, heated rear window, rear mud flaps, central locking including tailgate and fuel filler flap. Rear loadspace cover. Electric windows, with single touch descending action on driver's window. Heated front washer jets. Anti-theft AM/FM stereo radio and stereo cassette player with four speakers.

INTERCOOLED TURBOCHARGED DIESEL ENGINE: Intercooled turbocharged diesel engine with four cylinders in line. Aluminium cylinder heads with cast iron cylinder liners and cast iron crankshafts. Bore 92.0 mm (3.6 in). Stroke 90.0 mm (3.5 in). Cubic capacity 2393 cc (146 cu in). Compression ratio 21.5:1. Max Power (DIN net) 84 kW (113 bhp) at 4200 rpm. Max Torque 248 Nm (183 lb/ft) at 2400 rpm.

5 SPEED MANUAL TRANSMISSION: Manual gearbox incorporating five forward and one reverse speeds, manually operated with synchromesh on all forward gears. Chain driven transfer box giving permanent four wheel drive high (1.192) and low (3.319) ratios. Centre differential with viscous control unit. Gear ratios: 1st, 3.692; 2nd, 2.132; 3rd 1.397; 4th, 1.000; 5th, 0.770; R. 3.429.

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Publication Number RR 8/89

RANGE ROVER 4 DOOR STANDARD

881 KODAK

WEIGHTS (EEC KERB)

	Front Axle kg	Rear Axle kg	Total kg
5 speed manual	944	966	1910
4 speed auto	960	994	1954
GVW	1100	1650	2720

Note: Gross vehicle axle weights are non-additive.

LOAD VOLUMES (MAXIMUM USABLE)

Rear seat up	1.02 m^3	(36.2 ft^3)
Rear seat down	2.00 m^3	(70.8 ft^3)

DIMENSIONS

Wheelbase	mm (ins)	2540	(100)
Overall Length	mm (ins)	4447	(175)
Overall Height	max mm (ins)	1792	(71)
Overall Width	mm (ins)	1820	(72)

FUEL SYSTEM

76.3 litre (16.8 imp gallon) fuel tank. Petrol.

TOWING

		Trailer Weight kg
Unbraked Trailer	on or off road	750
Trailer with over run brakes	on road	3500
	off road	1000
Fully braked trailer	on road	4000
	off road	1000

TECHNICAL SPECIFICATIONS

RIDE LEVELLING DEVICE: Maintenance-free, self-energising Boge-Hydromat ride level unit is fitted to rear axle. Internal relief valve prevents the unit energising when overloaded.

SUSPENSION: Long travel, coil spring suspension, dual rate at rear. Axle location by radius arms with Panhard rod (front), and trailing links and central A-frame (rear). Long stroke hydraulic telescopic dampers.

HEATING AND VENTILATION: Through-flow heating and ventilation for fresh or re-circulated air with ram air facility: three-speed fan, face-level vents, rear extractor grilles, heater ducting to rear, side window demisters. Air conditioning system optional.

STEERING: Power-assisted steering with damper and safety column. 3.375 turns lock to lock.

WINDSCREEN WIPERS AND WASHERS: Single steering column-mounted stalk operates two-speed wipers, flick wipe, variable intermittent wipe and programmed wash and wipe sequence. Rear wash and wipe programme with intermittent facility operated from separate steering column switch.

LIGHTING: Quartz halogen headlamps (60 watt main, 55 watt dipped); with ignition override, side lamps, indicator lamps/hazard warning, stop/tail, reversing; rear fog guard and number plate lamps; interior lamps with delay system; automatic underbonnet inspection lamp. Puddle lamp and hazard light in front doors.

BRAKES: Hydraulic disc brakes on all four wheels with servo-assistance. Dual circuit piping. Drum type handbrake operating on transfer box rear shaft.

AXLES: Beam type axles front and rear incorporating spiral bevel type differentials and fully floating axle shafts. Differentials ratio 3.54:1. Front axle incorporates enclosed constant velocity joints.

WHEELS AND TYRES: Michelin XM+S 244 (tubed) 205 R 16 tyres on steel wheels or Goodyear Wrangler (tubed) 205 R 16 on steel wheels.

CONSTRUCTION: Electrophoretically corrosion-proofed welded box section chassis. Pressed steel frame. Body panels generally of lightweight, rust-proof aluminium alloy. Metallic paint finish optional.

ELECTRICAL SUPPLY: 12v negative earth system. Heavy-duty, maintenance-free 65 amp output alternator. 20 fuses. Battery reserve 180/78/89A/min/v. Constant energy electronic ignition for optimum engine tune.

SEATING: Reclining front seats. Rear seat for three passengers which folds to increase payload area. Height-adjustable front seats and seatbelts, with seat-mounted buckles.

MISCELLANEOUS: Soft-feel steering wheel, sun visors with passenger's vanity mirror and driver's ticket pocket, tinted glass, laminated non-tinted windscreen, parcel tray, passenger grab handle, door-mounted rear view mirrors, cigar lighter, heated rear window, rear mud flaps, central locking including tailgate and fuel filler flap. Rear loadspace cover. Electric windows, with single touch descending action on driver's window. Heated front washer jets. Anti-theft AM/FM stereo radio and stereo cassette player with four speakers.

PETROL INJECTED ENGINE: Eight cylinders in vee formation, aluminium construction with five-bearing crankshaft and self-adjusting hydraulic tappets.
Bore 88.9 mm (3.5 in).
Stroke 71.1 mm (2.8 in) Cubic capacity 3528 cc (215 cu in)
Compression ratio 8.13:1.
Max Power (DIN net) 112 kW (150 bhp) at 4750 rpm.
Max Torque 258 Nm (190 lb/ft) at 2500 rpm

OPTIONAL AUTOMATIC TRANSMISSION: ZF automatic gearbox incorporating four forward and one reverse speeds, manual override and kickdown. Chain-driven transfer box giving permanent four wheel drive high (1.2058) and low (3.2431) ratios. Centre differential with viscous control unit.
Gear ratios: 1st, 2.4795; 2nd, 1.4795; 3rd 1.0000; 4th, 0.7281; R, 2.0857.

5 SPEED MANUAL TRANSMISSION: Manual gearbox incorporating five forward and one reverse speeds, manually operated with synchromesh on all forward gears. Chain driven transfer box giving permanent four wheel drive high (1.2058) and low (3.2431) ratios. Centre differential with viscous control unit.
Gear ratios: 1st, 3.321; 2nd, 2.312; 3rd 1.397; 4th, 1.00; 5th, 0.770; R, 3.429.

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LAND ROVER RANGE ROVER

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