

NEW NISSAN NAVARA

TECHNICAL SPECIFICATION



The Navara is all about freedom, including freedom of choice. That's why we offer a Double Cab or King Cab, two transmissions, two core grades – quite apart from the range of colours and accessories that all let you create your perfect, personalised Navara.



ACENTA STANDARD FEATURES

DRIVE TRAIN

- 2.5 dCi with 190 PS / 450 Nm
- Part-time 4-wheel drive
- Low ratio gearbox
- Limited slip differential

EXTERIOR

- 17" Alloy wheels (x4)
- Chrome grille
- Front fog lights
- Door mirrors with indicator/puddle lamp
- Side steps
- Rear step bumper

LOAD AREA

- C-Channel moveable tie-down point
- Tailgate lock
- One-handed tailgate release

SAFETY AND SECURITY

- ESP (Electronic Stability Programme)
- ABS with EBD and Brake Assist
- Driver, passenger, side & curtain airbags
- Active front headrests
- 3-point rear seatbelts (x3 on Double Cab, x2 on King Cab)
- ISOFIX child seat anchoring points x2 (Double Cab)
- Superlocking for Cab
- NATS alarm
- NATS engine immobiliser

INTERIOR

- Cloth seat material
- 60/40 split foldable rear bench seat (Double Cab only)
- Rear jump seats with under seat storage (King Cab only)
- Leather steering wheel and gear knob
- Driver's seat lumbar and height adjust

COMFORT AND CONVENIENCE

- Dual zone climate control
- Electrically adjustable and heated door mirrors
- Rotary selectable 4WD switch
- Remote central door locking
- Electric front and rear windows (front only on King Cab)
- Power assisted steering
- Tilt adjustable steering wheel
- Single in-dash CD audio with Aux in socket
- Bluetooth telephone integration

OPTIONS AT EXTRA COST

- External cab guard frame



TEKNA DOUBLE CAB

FEATURES ADDITIONAL TO ACENTA

EXTERIOR

- Roof rails
- Chrome power folding mirrors with indicator/puddle lamp
- Pop up headlamp washers
- Rear privacy glass

INTERIOR

- Graphite leather seats
- Heated front seats
- Power adjust front seats
- Electric sunroof
- Illuminated footwell
- Under rear seat storage
- Aluminium front door entry guards

COMFORT AND CONVENIENCE

- Rain sensing windscreen wipers
- Automatic headlamps
- Auto dim rear view mirror
- Trip computer
- Cruise control with speed limiter
- In-dash 6-CD autochanger
- Steering wheel audio controls

OPTIONS AT EXTRA COST

- Nissan Connect Premium with:
 - HDD Satellite Navigation
 - HDD music server (in lieu of 6CD changer)
 - USB iPod connectivity
 - DVD movie playback (whilst vehicle is stationary)
 - Rear Parking camera

OUTLAW V6

FEATURES ADDITIONAL TO TEKNA DOUBLE CAB

DRIVE TRAIN

- 3.0 dCi V6 231PS/550Nm
- 7-speed auto transmission
- Low ratio gearbox
- Limited slip differential

EXTERIOR

- 18" alloy wheels (x5)

COMFORT AND CONVENIENCE

- Nissan Connect Premium with:
 - HDD Satellite Navigation
 - HDD music server (in lieu of 6CD changer)
 - USB iPod connectivity
 - DVD movie playback (whilst vehicle is stationary)
- BOSE™ speaker system

NAVARA

King Cab

VERSION	ACENTA
DRIVE TYPE	Part-time 4WD
ENGINE	YD25 Kai3
TRANSMISSION	Manual

ENGINE DESCRIPTION

Engine Code			YD25 Kai3
No. of cylinders, configuration			4, in line
Valves per cylinder			4, DOHC
Air intake system			Turbo VNT Intercooler
Control system			ECM
Cylinder block and head			Iron/ Al
Engine capacity		cc	2488
Bore x Stroke		mm	89 x100
Compression ratio			15:01
Camshaft drive			Chain driven
Valve actuation			Direct (Graded shims)
Valve size (intake/exhaust)		mm	28.55 / 25.95
Valve timing (intake/exhaust)	opening	°BTDC	2 / 226
	closing	°ATDC	210/ -2
Electric throttle			Yes
Combustion principle			Compression ignition
Combustion chamber shape			Toroidal
Bearings			5
Fuel pump			Denso HP-3
Fuel type			Diesel / Biodiesel (B10 max)
Fuel type - CN or RON	min	CN/ RON	CN51
Fuel supply			Direct injection + Common rail
Emission control system			EGR + Catalyst
Cold start			Electronic Glow Plug Control Unit
Balancer assembly shafts			with
Oil capacity (min/max)		l	5.3 / 6.7
Oil Pan			Al / Steel

ENGINE PERFORMANCE (according to EC 80/1269 directive)

Maximum engine power		kW(PS)/rpm	140 (190)/4000
Maximum engine power		bhp	187.7
Maximum engine torque		Nm (kgm)/rpm	450/2000
Emission class			Euro 4

TRANSMISSION SPECIFICATION

Clutch type			Dry Plate Mech.
Transmission type			6 Speed M/T
Gear ratio	1st		4.692
	2nd		2.705
	3rd		1.747
	4th		1.291
	5th		1.000
	6th		0.827
	7th		--
	Rev		4.260
Final drive			3.692
Transfer ratio (in 4Lo mode)			2.625
Driven wheels			4WD

SECURITY

Thatcham Security Rating			10
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PERFORMANCE

Maximum speed (Vmax)		mph (km/h)	112 (180)
Accel. 0-100 km/h (0-62mph)		sec	10.8
Frontal area		(m**2)	2.76
Aerodynamics		Cd	0.41

Double Cab

ACENTA/TEKNA	TEKNA	OUTLAW V6
	Part-time 4WD	Part-time 4WD
	YD25 Kai3	V9X
Manual	Auto	Auto

YD25 Kai3	YD25 Kai3	V9X
4, in line	4, in line	V6 65°
4, DOHC	4, DOHC	4
Turbo VNT Intercooler	Turbo VNT Intercooler	Turbo Intercooler
ECM	ECM	ECM
Iron/ Al	Iron/ Al	CGI (block)/Al (head)
2488	2488	2991
89x100	89x100	84x90
15:01	15:01	16:01
Chain driven	Chain driven	Single stage chain
Direct (Graded shims)	Direct (Graded shims)	Roller Finger Follower (RFF) + Hydraulic Lash Adjuster (HLA)
28.55 / 25.95	28.55 / 25.95	25.8/23.8
2 / 226	2 / 226	19/246
210 / -2	210 / -2	228/13.5
Yes	Yes	Yes
Compression ignition	Compression ignition	Compression ignition
Toroidal	Toroidal	Toroidal
5	5	4
Denso HP-3	Denso HP-3	Bosch CP1H
Diesel / Biodiesel (B10 max)	Diesel / Biodiesel (B10 max)	Diesel / Biodiesel (B10max)
CN51	CN51	CN51
Direct Injection + Common rail	Direct Injection + Common rail	Common rail direct multi-injection
EGR + Catalyst	EGR + Catalyst	EGR + Catalyst+ DPF (7th inj.)
Electronic Glow Plug Control Unit	Electronic Glow Plug Control Unit	Electronic Glow Plug Control Unit
with	with	-
5.3 / 6.7	5.3 / 6.7	4.0 / 6.5
Al / Steel	Al / Steel	Al / Steel
140 (190)/4000	140 (190)/4000	170(231)/3750
187.7	187.7	228
450/2000	450/2000	550/1750
Euro 4	Euro 4	Euro4
Dry Plate Mech.	Torque Converter	Torque Converter
6 Speed M/T	5 Speed A/T	7 Speed A/T
4.692	3.827	4.886
2.705	2.368	3.169
1.747	1.52	2.027
1.291	1.000	1.411
1.000	0.834	1.000
0.827	--	0.864
--	--	18:34
4.260	2.613	4.041
3.692	3.538	3.133
2.625	2.625	2.625
4WD	4WD	4WD
10	11	11
112(180)	112(180)	121 (195)
11.1	10.7	9.3
2.76	2.76	2.76
0.43	0.43	0.43

King Cab

VERSION	ACENTA
DRIVE TYPE	Part-time 4WD
ENGINE	YD25 Kai3
TRANSMISSION	Manual

FUEL CONSUMPTION (according to EC 1999/100 directive)

Fuel tank capacity		l	80
Urban cycle		mpg (l/100km)	26.4 (10.7)
Extra urban		mpg (l/100km)	39.2 (7.2)
Combined		mpg (l/100km)	33.2 (8.5)
CO2 mass emission (combined)		g/km	224

NOISE (according to EC 1999/101 directive)

Driving noise level		(dB(A))	75
Standing noise level		(dB(A))/rpm	80

EXTERIOR DIMENSIONS

Overall length (Rr Bumper Step type)		mm	5296
Overall length (Without Rr Bumper)		mm	5222
Overall width (excl. mirrors)		mm	1848
Max Overall height (w/o roofrails)	Max	mm	1783
Max Overall height (with roofrails)	Max	mm	--
Wheelbase		mm	3200
Overhang	Front	mm	866
Overhang (Rr Bumper step type)	Rear	mm	1230
Overhang (with Rr Bumper)			1156
Track	Front	mm	1570
Track	Rear	mm	1570

DOORS & SEATING CAPACITY

Number of seats	1st Row		2
	2nd Row		2
Door length	Front	mm	1118.5
	Rear	mm	596
Door opening angle	Front	°	65
	Rear	°	88

BED SIZE

Length	Floor	mm	1861
	Top	mm	1837
Width	Floor	mm	1560
	Top	mm	1496
Width (between wheelarches)		mm	1130
Opening width		mm	1432
Height		mm	457

INTERIOR PACKAGING

Effective interior length (A-Pillar ~ Back panel)	mm	1780
Front head room (w/o sunroof)	mm	111
Front head room (with sunroof)	mm	--
Second row head room	mm	50
Front knee room	mm	632
Second row knee room	mm	448
Front shoulder room	mm	1480
Second row shoulder room	mm	1394
Front HIP room	mm	1480
Second row HIP room	mm	1366

WEIGHTS

Kerb weight	kg	1990
Gross vehicle weight	kg	3110
Maximum payload	kg	1120
Permissible axle weight front	kg	1370
Permissible axle weight rear	kg	1750
Max. towing capacity weight braked @ 12%	kg	2700
Max. trailer weight unbraked	kg	750
Permissible vertical force on hitch ball	kg	108
Towbar load limit	kg	20
Max. roof load with roof bars	kg	-

Double Cab

ACENTA/TEKNA	TEKNA	OUTLAW V6
	Part-time 4WD	Part-time 4WD
	YD25 Kai3	V9X
Manual	Auto	Auto

80	80	80
26.4 (10.7)	24.1 (11.7)	23.0 (12.3)
39.2 (7.2)	37.7 (7.5)	37.2 (7.6)
33.2 (8.5)	31.4 (9.0)	30.4 (9.3)
224	238	246
75	75	75.4
80	81	79.5
5296	5296	5296
5222	5222	5222
1848	1848	1848
1795	1795	1796
1905	1905	1906
3200	3200	3200
866	866	866
1230	1230	1230
1156	1156	1156
1570	1570	1570
1570	1570	1570
2	2	2
3	3	3
1118.5	1118.5	1118.5
874	874	874
65	65	65
76	76	76
1511	1511	1511
1487	1487	1487
1560	1560	1560
1496	1496	1496
1130	1130	1130
1432	1432	1432
457	457	457
2130	2130	2130
111	111	111
--	73	73
90	90	90
632	632	632
612	612	612
1480	1480	1480
1480	1480	1480
1480	1480	1480
1480	1480	1480
2085	2100	2150
3210	3210	3240
1125	1110	1090
1470	1470	1530
1750	1750	2033
2600	2600	3000
750	750	750
104	104	120
20	20	20
--	56	56

King Cab

VERSION			ACENTA
DRIVE TYPE			Part-time 4WD
ENGINE			YD25 Kai3
TRANSMISSION			Manual
BRAKES SYSTEM			
Brakes system			2 circuits; Front & Rear distribution, Power assisted, ABS, EBD &
Size	Front		Vented Disc (320 x 28)
	Rear		Drum 295
STEERING			
Steering system			Rack & Pinion Power Assisted
Turning circle, wall to wall		m	13.8
Turning circle, kerb to kerb		m	13.3
Overall steering ratio			21,6
Linear steering ratio		mm/rev	44
Lock to Lock			3.8
SUSPENSION			
Front suspension			Double wishbone with coil over strut
Rear suspension			Rigid leaf spring
WHEELS & TYRES			
Wheel size		inches	17 x 7JJ
Tyre size			255/65 R17
OFF ROAD CAPABILITY (measured in running order weight condition)			
Approach angle	Min	°	30
Min Departure angle (Rr Bumper Step type)		°	24
Min Departure angle (Re Bumper Tube type)		°	26
Ramp over angle	Min	°	22
Maximum climbable gradient		°	39
Maximum lateral inclination		°	49.8
Minimum ground clearance (between axles)		mm	228
Maximum wading depth		mm	450
OTHER			
Engine starter output		kw	2.2
Battery capacity		Ah	70
Clutch diameter (inner.outer)		mm	180 / 275
Airbag size	Dr/As	L	45/90
Number of master keys			2
Fuel lid lock			Yes
Tyre speed limit (Std)			T (190 km/h)
Rear suspension size		mm	1400 x 60 x (3x8 + 1x18)
Under cover			Yes (Metal)
Side protection bars (Fr Door LH/RH) & (Rr Door LH/RH)			(1/1) & (1/1)
Frame cross members bars			8

Double Cab

ACENTA/TEKNA	TEKNA	OUTLAW V6
	Part-time 4WD	Part-time 4WD
	YD25 Kai3	V9X
Manual	Auto	Auto

2 circuits; Front & Rear distribution, Power assisted, ABS, EBD & BA & ESP		
Vented Disc (320 x 28)	Vented Disc (320 x 28)	Vented Disc (320 x 28)
Drum 295	Drum 295	Drum 295
Rack & Pinion Power Assisted	Rack & Pinion Power Assisted	Rack & Pinion Power Assisted
13.8	13.8	13.8
13.3	13.3	13.3
21.6	21.6	21.6
44	44	44
3.8	3.8	3.8
Double wishbone with coil over strut	Double wishbone with coil over strut	Double wishbone with coil over strut
Rigid leaf spring	Rigid leaf spring	Rigid leaf spring
17 x 7JJ	17 x 7JJ	18 x 7JJ
255/65 R17	255/65 R17	255/60 R18
30	30	30
24	24	24
26	26	26
22	22	22
39	39	39
49.8	49.8	49.8
228	228	230
450	450	450
2.2	2.2	2.2
70	70	95
180 / 275	--	--
45/90	45/90	45 / 90
2	2	2
Yes	Yes	Yes
T (190km/h)	T (190 KM/H)	H (210 km/h)
1400 x 60 x (3x8 + 1x18)	1400 x 60 x (3x8 + 1x18)	1400x60x (2x8 + 1x9 + 1x18)
Yes (Metal)	Yes (Metal)	Yes (Metal)
(1/1) & (1/1)	(1/1) & (1/1)	(1/1) & (1/1)
8	8	8







Pathfinder



Navara

We see SHIFT_ as an invitation. To challenge whatever feels too familiar. To open your mind to the unfamiliar. To ask the questions no-one else is asking. And to find answers no-one else can. At Nissan, we do this every day. And it shapes everything we do. The result is a line-up of vehicles that represents a pure, uncompromising shift from the ordinary.

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Dealer stamp:



SHIFT_ the way you move

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