

NEPTUNE L6

14-19 Seats Bus

2013



Get comfortable with a new way of thinking.

Leading the trend of global multi-purpose commercial vehicles market, **NEPTUNE L6 Bus** features more capacious space, fire-new appearance, rational structure, reliable safety and human-oriented design..



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MODEL LINE UP

5.4M Bus (14-16 Seats)



6M Bus (16-19 Seats)



EXTERIOR



Generous appearance, characterized of the fortitude and grace , as well as perfect balance between fashionable high roof and super wide body, create its unique commercial model and a mighty sense of vision. Smooth side windows efficiently minimize wind noise during driving, and body line looks more fluid and rhythmical.



Sliding window (Optional)



Daily maintenance cabin



Heightened Roof

Heightened roof make normal person can stand inside the cabin.



Heightened & Widened sliding door

Heightened and widened sliding door make two persons simultaneously enter and exit quicker and convenient.

INTERIOR



Roomy cabin

Thoughtful features make driving easier and more comfortable.

The bus features comfortable seating, conveniently located switches and daily, easy-to-see meter, ample storage space, and more, all designed to make driving easier and more pleasant.



A/C controller



Power mirrors



AM/FM/CD player with MP3 port



Manual transmission



Automatic transmission

INTERIOR



Air-conditioning

Passenger comfort is assured by under seat heater and 9 roof-level air condition vents with adjustable louvers above each row of seats in the rear cabin.



Air Cleaner

Roof plasma cluster air cleaner keeps cabin air fresh air outside.



Cup holders & pockets

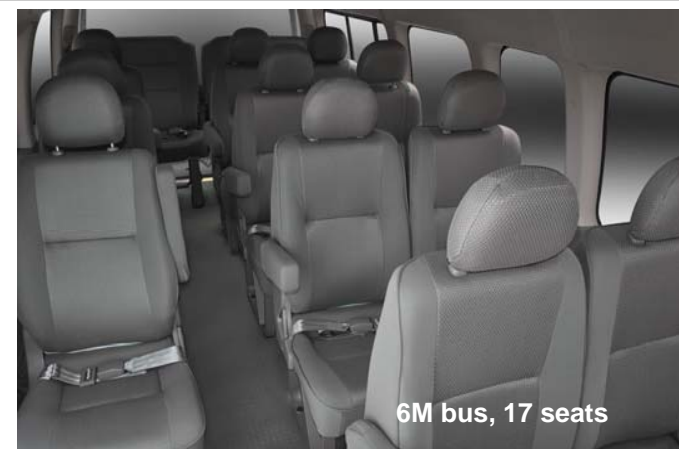
Numerous cup holders and seat pockets provide easy-to-reach convenience.



LCD TV

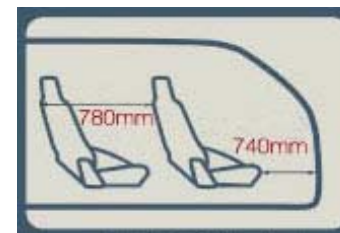
(optional)

SEATS



Seats

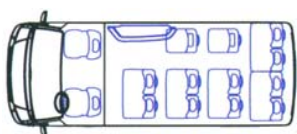
Pioneered “2+1” arrangement of 14-19 seats, makes easy access to roomy driving and comfortable riding. Human-oriented interior trim design provides you infinitely agreeable journey life. Fabric seating with adjustable head restraints and seatbacks that comply with human engineering could effectively reduce fatigue on long trips.



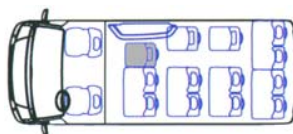
780mm width between back of seat substantially improves comfort and free passenger's knee and legs.

Seats arrangement

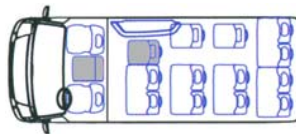
5.4 M Bus (14-16 Seats)



14 Seats
(2+2+3+3+4)

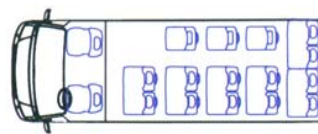


15 Seats
(2+3+3+3+4)

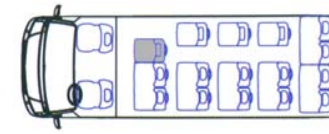


16 Seats
(3+3+3+3+4)

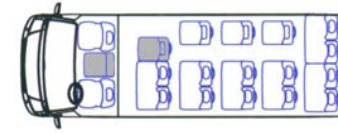
6 M Bus (17-19 Seats)



17 Seats
(2+2+3+3+3+4)



18 Seats
(2+3+3+3+3+4)

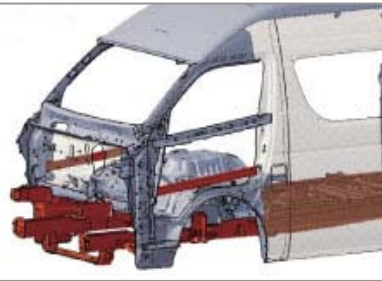


19 Seats
(3+3+3+3+3+4)

SAFETY



Crumple zone construction



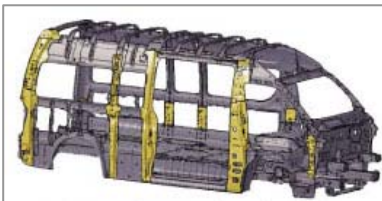
Side impact beams on door

Upper and lower members at the front of frame , and side impact beams in the front doors. Absorbing collision energy, contribute to class-leading safety.



Anti-sliding door lock

It is able to be locked by itself when the side door is opened in the ultimate limit state until the handle of the slide door is pulled . It enhanced safety of entering and exiting vehicles.

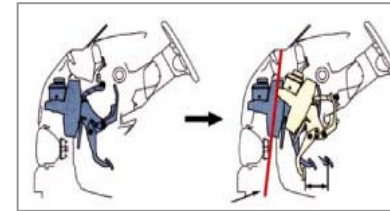


High tension strengthened steel plate

Body is of anti-overturn framework formed with high tension strengthened steel plate. Substantially increasing body firmness as well as reducing noise and vibration during driving.

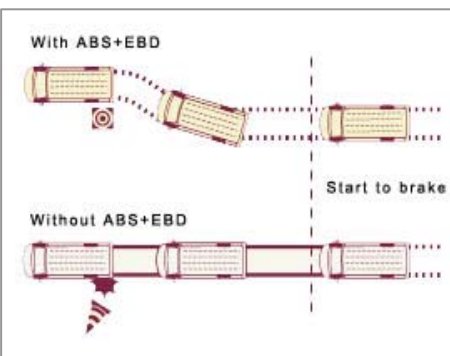


Energy absorbing type steering column



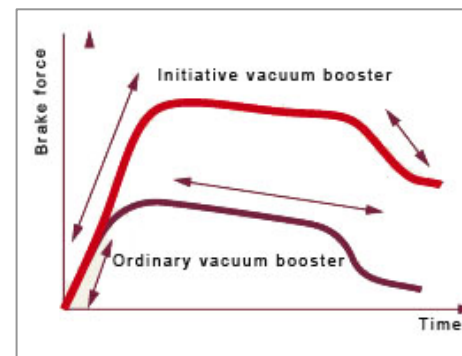
Energy absorbing type brake pedal

It could limit the intrusion degrees of brake assistant, pedal and pedal bracket to driver when impact occurred , and prevents the steering shaft moving to driver.



ABS+EBD

ABS (anti-locking braking system) shall keep wheels from locking when braking or realize max brake effect. EBD (electronic brake force distribution) shall automatically detect loading of front and rear wheels and running speed difference., and distribute braking force among the wheels reasonably.



Initiative vacuum booster

Initiative vacuum booster, which only equipped in luxury sedan car usually, shall automatically read emergency braking action, provide bigger braking force and effectively shorten brake distance.



Engine for 5.4 M Bus



4RB2

TOYOTA technology

2438 cc Gasoline EFI, 16-valve, DOHC,
102kw/4600-5000rpm,
217N.m/2600-3200rpm,
EURO III / EURO IV
Fuel consumption: 11.3L/100km



4G69S4N

MITSUBISHI technology

2378 cc Gasoline EFI, 16-valve, SOHC,
100kw/5250rpm,
200N.m/2500-4000rpm,
EURO III
Fuel consumption: 11.3L/100km



DK4B1

TOYOTA technology

2498 cc Diesel, EFI, High-
pressure common rail EFI, turbo-
charged, EGR
85kw/3800rpm.
260N.m/1800-2600rpm,
EURO III
Fuel consumption: 10.5L/100km

Engine for 6 M Bus



G4BA

TOYOTA technology

2693 cc Gasoline, 16-valve, DOHC,
110kw/4800rpm,
240N.m/2800-3600rpm,
EURO III
Fuel consumption: 11.3L/100km



4RB2

TOYOTA technology

2438 cc Gasoline EFI, 16-valve,
DOHC,
102kw/4600-5000rpm,
217N.m/2600-3200rpm,
EURO III / EURO IV
Fuel consumption: 11.3L/100km



DK4B1

TOYOTA technology

2498 cc Diesel, EFI, High-
pressure common rail EFI, turbo-
charged, EGR
85kw/3800rpm.
260N.m/1800-2600rpm,
EURO III
Fuel consumption: 10.5L/100km

Color



White



Silver



Blue



Gray



White & Light Tan



Silver & Gray tones

SPECIFICATIONS			
Model	LHD/RHD	HKL6540 / HKL6540RC	
Type		Bus	
		HKL5030XJH	
		Ambulance	
DIMENSION & WEIGHT			
Overall dimension (mm)	Length	5380	
	Width	1880	
	Height	2285	2440
Wheelbase	(mm)	3110	
Tread, front/ rear	(mm)	1655/1650	
Min. ground clearance	(mm)	155	
Curb vehicle weight	(kg)	2130 (gasoline) / 2205 (diesel)	-
Gross vehicle weight	(kg)	3300 (gasoline) / 3450 (diesel)	-
Seating capacity	(persons)	14-16	6(5-7 as optional)
Fuel tank capacity	(L)	70	
Tires		195R15C	
ENGINE			
Model		4RB2	4G69S4N
Fuel type		Gasoline	
Type		Four stroke, water cooling, in-line, 16-valve, DOHC, EFI	Four stroke, water cooling, in-line, 16-valve, SOHC, EFI
Piston displacement	(cc)	2438	2378
Compression ratio		9.2:1	9.8:1
Max. power	(kw/rpm)	102/4600-5000	100/5250
Max. torque	(N.m/rpm)	217/2600-3200	200/2500-4000
Fuel consumption	(L/100km)	11.3	11.3
Emission		Euro III / Euro IV	EURO III
Technology source		TOYOTA	TOYOTA
SYSTEM			
Steering system		Pinion-and-rack	
Suspension	Front	Double wishbone independent suspension	
	Rear	Variable rate leaf spring	
Braking system		Hydraulic braking system with vacuum booster	front disc/rear drum
Clutch type		Single disc, hydraulic control	
Gearbox		5 speed manual	
Max. gradeability	(%)	≥30	

SPECIFICATIONS					
Model		LHD/RHD		HKL6600 / HKL6600R	HKL6600C / HKL6600RC
Type		Bus			
DIMENSION & WEIGHT					
Overall dimension (mm)	Length	5990			
	Width	1880			
	Height	2285			
Wheelbase	(mm)	3720			
Tread, front/ rear	(mm)	1655/1650			
Min. ground clearance	(mm)	≥170			
Curb vehicle weight	(kg)	2500			
Gross vehicle weight	(kg)	3910			
Seating capacity	(persons)	17-19			
Fuel tank capacity	(L)	70			
Tires		215/75R16C radial tire			
ENGINE					
Model		G4BA		4RB2	DK4B1
Fuel type		Gasoline			Diesel
Type		Four stroke, water cooling, in-line, 16-valve, DOHC		Four stroke, water cooling, in-line, 16-valve, DOHC, EFI	16-valve, DOHC, inter-cooling, turbocharge
Piston displacement	(cc)	2693		2438	2498
Compression ratio		9.5:1		9.2:1	18.5:1
Max. Power	(kw/rpm)	110/4800		102/4600-5000	85/3800
Max. torque	(N.m/rpm)	240/2800-3600		217/2600-3200	260/1800-2600
Fuel consumption	(L/100km)	11.3		11.3	10.5
Emission		Euro III		Euro III / Euro IV	Euro III
Technology source		TOYOTA		TOYOTA	TOYOTA
SYSTEM					
Steering system		Power steering			
Suspension	Front	Double wishbone independent suspension			
	Rear	Variable rate leaf spring			
Braking system		Initiative vacuum booster front disc/rear drum			
Clutch type		Single disc, hydraulic control			
Gearbox		5 speed manual			
Max. speed (km/h)		≥110			
Max. gradeability (Ⅱ)		≥30			

FEATURES		
A/C & Audio	AM/FM/MP3 port/CD player with 1 disc changer	■
	6 speakers	■
	DVD player with back-up displayer	□
	Air conditioner	■
	Front heater	■
	Rear heater	■
Exterior	Aluminum alloy wheels	■
	Steel whels (optional for 5.4M bus only)	□
	Side dark gray glasses (fully-closed)	■
	1 sliding passenger door	■
	1 sunroof	-
	Chrome power outside mirrors (only for LHD)	■
	Power driver's windows	■
	Remote control door lock	■
	Manual control door lock	□
	Rear windshield glass wiper & washer & defroster	■
	Fully-closed passenger windows	■
	Sliding side windows	□
	Color body strip	□
Interior	Glare-proof inner rear view mirror	■
	wood-grain-style inner trim	-
	Fabric seats	■
	Luxury flocked carpet	■
	Quartz sand PVC floor mat	□
	Plasma air cleaner	□
	1 more seat between driver seat and sub-driver seat	□
Safety	ABS+EBD brake system	■
	High mount stop lamp	■
	Back-up radar	■
	Four wheel disc brake (not for 6 M bus)	□
Mechanical	Power steering	■
	Tilt steering wheel	■

Note: ■ = Standard □ = Optional - =Not available