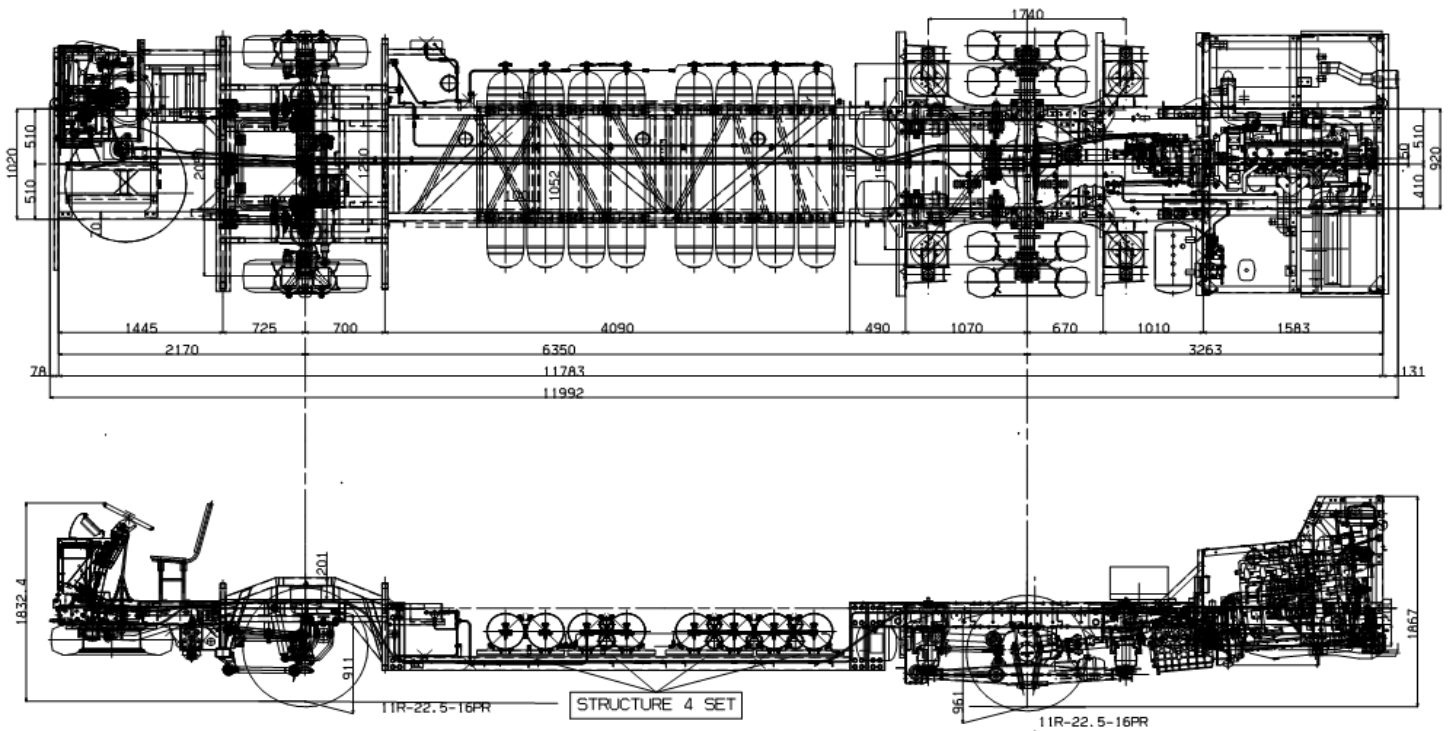


DAEWOO BH117KA (CNG) BUS CHASSIS

- ▣ TYPE : 4 X2 DRIVE, CNG, REAR ENGINE
- ▣ STEERING POSITION : RIGHT HAND DRIVE

BH117KA CNG (RHD) CHASSIS LAYOUT



SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT

WEIGHT

KG

MAX. FRONT AXLE LOAD	6,500
MAX. DRIVEN AXLE LOAD	11,500
PERMISSIBLE G.V.W	18,000

PERFORMANCE

ENGINE	GL11K CNG
MAX. SPEED	135 km/h
GRADEABILITY (tan θ)	0.367
MIN.TURNING RADIUS (AT FRONT TIRE CENTER)	10.8 m



MANUFACTURER
 BUS DIVISION
 188-9, JEONPO-DONG,
 JIN-GU PUSAN, KOREA
 TEL : 82-51-811-4210, 520-5166-9
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DAEWOO BH117KA (CNG) BUS CHASSIS

❑ CHASSIS DIMENSIONS (mm.)

- ◆ Overall Length : 11,783
- ◆ Overall Width : 2,400
- ◆ Overall Height (Approx) : 1,867
- ◆ Wheelbase : 6,350
- ◆ Front Overhang : 2,170
- ◆ Rear Overhang : 3,263
- ◆ Front Tread : 2,050
- ◆ Rear Tread : 1,853

❑ ENGINE

- ◆ Model : GL11K, CNG (EURO 5)
- Type : 6 in-line, 4 cycle, Turbo-intercooler water cooled
- Max. output : 340PS / 2,100 rpm
- Max. torque : 140 kg.m / 1,300 rpm
- Bore x Stroke : 123 mm x 155 mm
- Displacement : 11,051 cc
- Compression ratio : 10.5 : 1

❑ GAS CYLINDER TANK

- ◆ Cylinder Type : Type 1
- ◆ Quantity : 130ℓ x 8EA
- ◆ Gas Cylinder Capacity : 1,040ℓ (Water volume)
- ◆ Receptacle : FMS 032 6F0(Parker)

❑ RADIATOR

- ◆ Tube and fin type (Heavy Duty)
with fan clutch

❑ CLUTCH (Auto adjustable)

- ◆ Dry single plate clutch, dia. 430 mm, thickness 5 mm

❑ TRANSMISSION

- ◆ Manual transmission S&T : T14DS6P (6 O.D)
6 speed forward and 1 reverse

Gear position	1	2	3	4	5	6	rev.
Gear Ratio	6.597	4.207	2.432	1.509	1.000	0.763	6.896

- ◆ Option : with retarder

❑ BRAKE SYSTEM

- ◆ Service : Full air dual circuit brake system
- ◆ Parking : Spring actuator at rear wheels, spring chamber type
- ◆ Auxiliary brake : Exhaust brake with mechanical transmission
-air operated exhaust butterfly valve
- ◆ ABS W / ASR

❑ STEERING

- ◆ Steering position : Right hand drive
- ◆ Operation : Recirculated ball with integral power assisted by oil
- ◆ Gear ratio : 22.4 : 1
- ◆ Steering column : Tilt & Telescopic

❑ SUSPENSION (wide type)

- ◆ Front & Rear : Air spring front & rear with hydraulic double acting telescopic front & rear shock absorber
- ◆ Stabilizer : Front & Rear

❑ TIRES AND WHEELS

- ◆ Wheel : 8.25-22.5 wheel, 10 STUD
- ◆ Tire : 295/80R-22.5 (Tubeless)

❑ FRAME

- ◆ Type : Bus Chassis (Kick down channel & square pipe section)

❑ FRONT AXLE

- ◆ Type : Reverse Elliot I - Beam
- ◆ Axle Capacity : 6,500 kg

❑ REAR AXLE

- ◆ Type : Banjo, Full Floating
- ◆ Axle Capacity : 11,500 kg
- ◆ Final Gear Ratio : 43/11(3.909), Hypoid Gear

❑ METER, GAUGES AND SWITCH

- ◆ Tachometer and speedometer
- ◆ Air pressure gauge : with warning light and sound
- ◆ Engine oil pressure gauge : with warning light and sound
- ◆ Water temperature gauge : with warning light and sound
- ◆ Gas gauge
- ◆ Voltmeter
- ◆ Hazard switch : with light
- ◆ Turn signal switch : with light
- ◆ High beam switch : with light
- ◆ Reverse warning buzzer

❑ ELECTRICAL SYSTEM

- ◆ Battery : 200AH, 2EA
- ◆ Alternator : 24 Volt, DC/180 Amp
- ◆ Starter : 24 Volt, 6.0 Kw
- ◆ Standard Accessories : Hydraulic Jack, towing device, tool sets, spare wheel and tire