



BUS CHASSIS Sub Assembly Data Sheet

Note Present



Document

Licensee's reference for this document
(Use only 12 characters, Note 1):

B82A17SADS00

Date (dd/mm/yyyy)

20/03/2017

Licensee's Name:

VOLVO GROUP AUSTRALIA PTY LTD

Bus Chassis Make: (Note 1)

VOLVO

Bus Chassis Model: (Note 1)

B8R EU5 2 AXLES BCHASSIS

Marketing Designation

B8R

If this Datasheet is to be used to correct or supersede an already approved Datasheet, please provide the document reference of the previous Datasheet:

Supersede Corrects

Previous Document Reference

SARN Plate Location


22 - K - 15

Variant Information

Chassis Variant No.	1	2	3	4	5	Unit
Variant Name	B8R 4X2					N/A
Axle Code	R12					N/A
Min. Mass: LLTM 35/01	8700					kg
Gross Vehicle Mass	19000					kg
GCM						kg
Meets Compatibility Req. / Data Available (35/01 5.1.10)	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	Yes <input type="radio"/> No <input type="radio"/>	N/A
Valid Engine/Transmission Combinations (eg. e2,c1 - see page 2 for codes)	ALL					N/A
Max. Axle Capacity						
Front Axle (F1)	7500					kg
Not Applicable						kg
Rear Axle (R1)	12000					kg
Not Applicable						kg
Wheelbase (max.)	8000					mm
Wheelbase (min.)	4450					mm
Not Applicable						mm
Not Applicable						mm
Applicable Tyre Sizes	275/70R22.5 295/80R22.5 11R22.5					N/A

VIN / Chassis Numbers

Variant	Complies with ADR 61	VIN Standard			AMVCB Grid Location			Typical Vehicle Identification Number
		ISO	FMVSS	AS MP55				
1	Y <input checked="" type="radio"/> N <input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	11	Q	6	YV3T7V726HA183134
2	Y <input type="radio"/> N <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	
3	Y <input type="radio"/> N <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	
4	Y <input type="radio"/> N <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	
5	Y <input type="radio"/> N <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	-	-	-	

Engine Details "  " denotes mandatory fields in row have not been completed.

Engine	Engine Make & Model or Model Group	Typical Engine Number	AMVCB Grid Location				Engine SARN (if applicable)	Capacity (cc)
a	VOLVO D8C250 EUV	D8*123456*	4	-	F	-	9	7698
b	VOLVO D8C330 EUV	D8*123456*	4	-	F	-	9	7698
c				-		-		
d				-		-		
e				-		-		
f				-		-		
g				-		-		
h				-		-		

Engine (Cont.)	Config	Motive Power	NEP (kW)	NEP (rpm)	Intake Depression (Max kPa)	Exhaust Backpres. (Max kPa)	Exhaust Volume (L) Approved	Exhaust Volume (L) Supplied
a	IL6	D	184	2200	2	21.5	110	110
b	IL6	D	243	2200	3	29.5	110	110
c								
d								
e								
f								
g								
h								

Engine (Cont.)	Tapping Location (Intake)	Tapping Location (Exhaust)
a	MEASURED AT 120MM PIPE BEFORE TURBO	MEASURED AT 95MM PIPE AFTER TURBO
b	MEASURED AT 120MM PIPE BEFORE TURBO	MEASURED AT 95MM PIPE AFTER TURBO
c		
d		
e		
f		
g		
h		

Transmission Details

Var.	Transmission Model Identification	Man	Auto with sel	Auto no sel	# Fwd Gears
1	AT2412*	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	12
2	6AP1200*	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	6
3	6AP1400*	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	6
4	6AP2000*	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	6
5	D864-6	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	4

Compliance Items **

Variant	1	2	3	4	5
ADR 42/04 cl 6 Diesel Starting	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 42/04 cl 7 Controls	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 42/04 cl 16 Reverse Gear	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 42/04 cl 23 Demisting of Windscreen	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 42/04 cl 24 Windscreen Wiper/Washer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 42/04 cl 25 Tyre and Rim Selection	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
ADR 43/04 cl 5 Turning Circle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Windscreen meeting ADR 8/.. included	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the muffler contain fibrous materials?	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>
	No <input checked="" type="radio"/>	No <input type="radio"/>	No <input type="radio"/>	No <input type="radio"/>	No <input type="radio"/>
Has the Bus Chassis been tested with a muffler conditioned according to Annex 5?	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>	Yes <input type="radio"/>
	No <input type="radio"/>	No <input type="radio"/>	No <input type="radio"/>	No <input type="radio"/>	No <input type="radio"/>
Muffler part number					
Noise Reduction System Identification					

** Check button where Sub-Assembly meets ADR requirement in full

Comments