

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

HOLDEN LTD

102. Commercial name(s) - Model and type

VE SERIES 2 COMMODORE SS V Z SERIES SEDAN

103. Engine capacity

5967 cm³ Corrected engine capacity 5967 x 1 = 5967 cm³

104. Type of car construction

a) Type

<input type="checkbox"/> separate chassis	<input checked="" type="checkbox"/> monocoque
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b) Material of chassis / bodyshell

STEEL

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1659 kg

202. Overall length

4901 mm ± 1 %

203. Maximum overall width

2100 mm ± 1 % Where measured **EXTERIOR SIDE MIRRORS**

204. Width of bodywork

a) At front axle **1898 mm ± 1 %**

b) At rear axle **1898 mm ± 1 %**

206. Wheelbase **2915 mm ± 1 %**

207. Maximum track

a) Front **1592 mm**

b) Rear **1608 mm**

3. ENGINE (In case of rotary engine, see Art. 335 on additional form)

301. Location and position of the engine **FRONT / CENTRAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging yes no

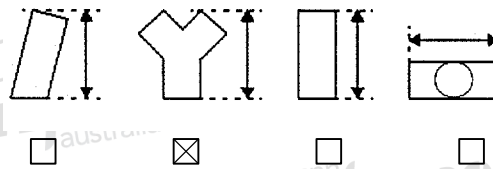
Maximum manifold pressure **N/A**

Type and number of compressors **N/A**

305. Number and layout of cylinders **8 / 90° V**

312. Cylinder block material **ALUMINIUM ALLOY**

310. Maximum compression ratio **10.4 : 1**



313. Sleeves a) yes no b) Material **STEEL** c) wet dry

314. Bore **101.6** +0/- 0.1 mm

316. Stroke **92** +0/- 0.1 mm

321. Cylinderhead a) Number **2** b) Material **ALUMINIUM ALLOY**

324. Fuel feed by injection : a) Make **GM** b) Model **DELPHI**

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number **1** b) Location **CYLINDER BLOCK**

c) Drive system **CHAIN** f) Type of valve operation **PUSHROD AND ROCKER**

327. Intake

a) Material of manifold **PLASTIC**

b) Number of manifold elements **1** c) Number of valves per cylinder **1**

328. Exhaust

- a) Material of manifold **CAST IRON**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **1**
- p) External Diameter of exhaust pipe between manifold and first silencer **58.7** mm ± 5%

330. Ignition system

- a) Type **ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **0**
- d) Number of coils **8**

331. Cooling system Capacity **11** L

- a) Number **2**
- b) Diameter of the fan _____ mm
- c) Material of the fan **PLASTIC**
- d) Number of blades _____
- e) Type of drive **ELECTRIC**
- f) Automatic cut in

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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333. Lubrication system

- a) Type **WET SUMP**
- b) Number of oil pumps **1**
- c) Total capacity **8.2** L
- e) Location of the cooler(s) **NA**
- f) Type of the cooler(s) **NA**

4. FUEL CIRCUIT

- 401. Fuel tank**
- b) Location **UNDER REAR PASSENGER FLOOR**
- d) Total capacity **73** L

- 402. Fuel pump(s)**
- a)

<input checked="" type="checkbox"/> Eleectrical	<input type="checkbox"/> Mechanical
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- b) Number **1**
- d) Location **FUEL TANK**
- Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

- 502. Alternator**
- a) Number **1**
- b) Type **SC2**
- c) Drive system **BELT**
- d) Nominal power **155** Amp

- 503. Retractable headlights**
- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system **N/A**

6. POWER TRAIN



601. Driven wheels front yes no rear yes no

602. Clutch a) Type **DIAPHRAM**

b) Control system **HYDRAULIC**

603. Gearbox a) Location **MID CENTRAL** b) Make **TREMEC**

c) Type and location of control **H PATTERN FLOOR SHIFT**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	—	<u>3.01</u>	—	<u>Y</u>
2	—	<u>2.07</u>	—	<u>Y</u>
3	—	<u>1.43</u>	—	<u>Y</u>
4	—	<u>1.00</u>	—	<u>Y</u>
5	—	<u>0.84</u>	—	<u>Y</u>
6	—	<u>0.57</u>	—	<u>Y</u>
R	—	—	—	<u>Y</u>
Constant	—	—	—	—



604. Transfer box / Centre differential a) Ratios **N/A**

c) Control system of transfer box **N/A** d) Type of central differential **N/A**

	Front	Rear
a) Type of final drive	N/A	HYPHOID
b) Ratio	N/A	3.45:1
f) Oil Cooler	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
g) Cooler Type	N/A	N/A

606. Shafts a) Type of longitudinal shafts **HOLLOW 2 PIECE**

b) Material of longitudinal shafts **STEEL**

c) Type of transversal half-shafts **SOLID**

d) Material of transversal half-shafts **STEEL**

7. SUSPENSION



701. General

	Front	Rear
a) Type of suspension	INDEPENDENT MCPHERSON STRUT	DOUBLE A
	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
a) Material	STEEL	STEEL
703. Leaf springs	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	N/A	N/A
704. Torsion bars	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
a) Material	N/A	N/A

705. Other type of suspension See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	26 mm	18 mm
c) Material	STEEL	STEEL

707. Suspension Dampers

	Front	Rear
a) Number per wheel	1	1
b) Type	TELESCOPIC	TELESCOPIC
c) Principle of operation	HYDRAULIC	HYDRAULIC

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	19"	19"
b) Width	8"	8.5"
c) Offset	+48 mm	+48 mm



803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type _____

	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>1</u>
f) Drum brakes	<u>N/A</u>	<u>N/A</u>
f1) Internal diameter	<u>N/A</u>	<u>N/A</u>
f2) Number of linings per wheel	<u>N/A</u>	<u>N/A</u>
g) Disc brakes		
g1) Number of pads per wheel	<u>2</u>	<u>2</u>
g2) Number of calipers per wheel	<u>1</u>	<u>1</u>
g3) Caliper material	<u>Aluminium alloy</u>	<u>Aluminium alloy</u>
g4) Thickness of new disc	<u>32 ± 1 mm</u>	<u>22 ± 1 mm</u>
g5) External diameter of the disc	<u>355 ± 1.5 mm</u>	<u>324 ± 1.5 mm</u>
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

h) Parking brake: h1) Control system

CABLE

h2) Location of lever

CENTER CONSOLE

h3) On which wheels

Front Rear

804. Steering

a) Type

Front		Rear	
<u>RACK AND PINION</u>		<u>N/A</u>	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
<u>HYDRAULIC</u>		<u>N/A</u>	

b) Servo-assistance

Type of Assistance

9. BODYWORK

901. Interior

a) Ventilation

yes no

c) Air Conditioning

yes no

b) Heating

yes no

f) Optional sun roof

yes no

f1) Type

YES

f2) Control system

ELECTRIC

g) Opening system for side windows

Front	Rear
<u>ELECTRIC</u>	<u>ELECTRIC</u>

X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **4**

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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Front	Rear
<u>STEEL</u>	<u>STEEL</u>

c) Door material

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

GLASS

i) Rear quarter window material

GLASS

k) Side window material

Front	Rear
<u>GLASS</u>	<u>GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

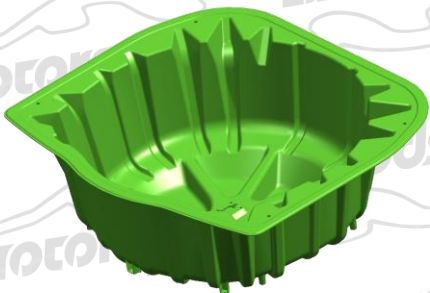
l) Material of bumper

n) Exterior Rear wiper

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

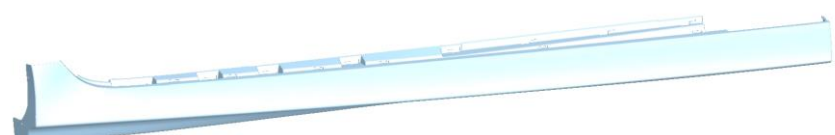
Number	Part	Material
92161017	Front Facia	Plastic
92214064	Rear Facia	Plastic
92162071	LH Rocker Panel Molding	Plastic
92162072	RH Rocker Panel Molding	Plastic
92194164	Spare Wheel Well	Plastic



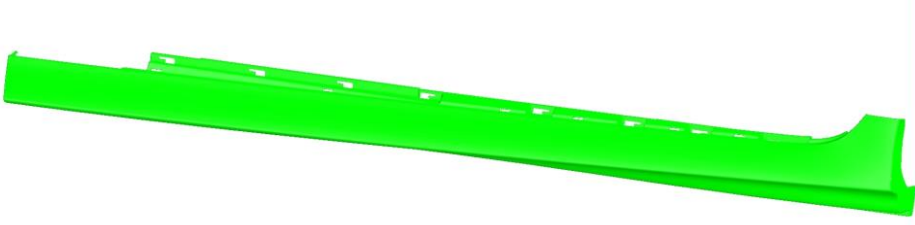
Spare Wheel Well



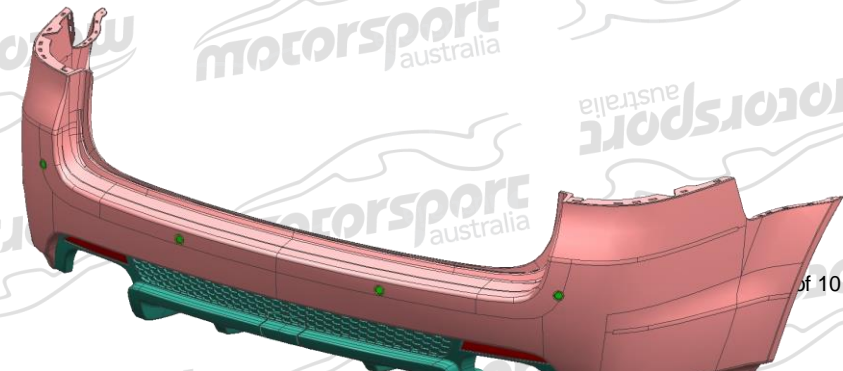
Front Facia



RH Side Skirt



LH Side Skirt



COMPLEMENTARY INFORMATION

