

# RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



## 1. GENERAL

- 101. Manufacturer
- 102. Commercial name(s) - Model and type
- 103. Engine capacity
- 104. Type of car construction

**HOLDEN LTD**

**VZ SS-Z COMMODORE**

**5667** cm<sup>3</sup>    Corrected engine capacity    **5667 x 1 = 5667** cm<sup>3</sup>

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

**1565** kg

202. Overall length

**4903** mm ± 1 %

203. Maximum overall width

**1842** mm ± 1 %    Where measured **TBA**

204. Width of bodywork

a) At front axle    **1820.0** mm ± 1 %

b) At rear axle    **1844.0** mm ± 1 %

206. Wheelbase **2788** mm ± 1 %

207. Maximum track

a) Front **1559** mm

b) Rear **1577** mm

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**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**

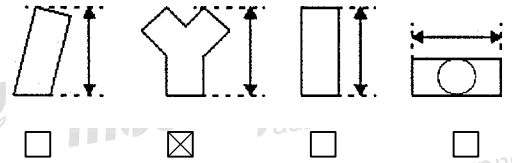
Engine in its compartment



304. Supercharging  yes  no

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

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



312. Cylinder block material **ALUMINIUM ALLOY**

310. Compression ratio **10.1:1**

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

314. Bore **99.0** +0/- 0.1 mm

316. Stroke **92.0** +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** c) Number of valves per cylinder **1**  
b) Number of manifold elements **1**

328. Exhaust a) Material of manifold **CAST IRON**  
b) Number of manifold elements **1 PER SIDE**  
d) Number of valves per cylinder **1**

p) External Diameter of exhaust pipe between manifold and first silencer **TBA** mm ± 5%



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**330. Ignition system**

a) Type

**ELECTRONIC**

b) Number of plugs per cylinder **1**

c) Number of distributors

**N/A**

d) Number of coils **8**

**331. Cooling system**

Capacity

**14.3**

**332. Cooling fan**

a) Number

**2**

b) Diameter of the fan

**355 & 292** mm

c) Material of the fan

**PLASTIC**

d) Number of blades

**5**

e) Type of drive

**ELECTRIC**

f) Automatic cut in

yes

no

**333. Lubrication system**

a) Type

**WET SUMP**

c) Total capacity

**6.2** L

e) Location of the cooler(s)

**N/A**

f) Type of the cooler(s)

**N/A**

**4. FUEL CIRCUIT**

**401. Fuel tank**

a) Number

**1**

b) Location

**UNDER REAR COMPARTMENT FLOOR**

d) Rated capacity

**75** L

e) Filler hole locations

**RHR QUARTER PANEL**

**402. Fuel pump(s)**

a)



Elelectrical



Mechanical

b) Number

**1**

d) Location

**INTERNAL TO FUEL TANK**

**5. ELECTRICAL EQUIPMENT**

**502. Alternator**

a) Number

**1**

b) Type

**Mitsubishi**

c) Drive system

**BELT**

d) Nominal max current

**140** Amp

**503. Retractable headlights**

a)



yes



no

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**



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**603. Gearbox**

a) Location

**MID / CENTRAL**

b)

Make

**TREMEC T56**

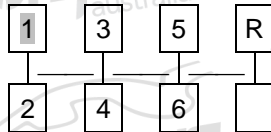
c) Type and location of control

**H PATTERN FLOOR SHIFT**

e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
<b>1</b>	_____	<b><u>2.66</u></b>	---	---
<b>2</b>	_____	<b><u>1.78</u></b>	---	---
<b>3</b>	_____	<b><u>1.30</u></b>	---	---
<b>4</b>	_____	<b><u>1.00</u></b>	---	---
<b>5</b>	_____	<b><u>0.74</u></b>	---	---
<b>6</b>	_____	<b><u>0.50</u></b>	---	---
<b>R</b>	_____	---	---	---
<b>Constant</b>	_____	---	---	---

f) Gear change gate



**604. Transfer box / Centre differential**

a) Ratios

**N/A**

c) Control system of transfer box

**N/A**

d) Type of central differential

**N/A**

**605. Final drive**

a) Type of final drive

**N/A**

b) Ratio

**N/A**

f) Oil cooler

yes

no

g) Cooler Type

**N/A**

**N/A**

yes

no

	Front	Rear
a) Type of final drive	<b><u>N/A</u></b>	<b><u>HYPOID</u></b>
b) Ratio	<b><u>N/A</u></b>	<b><u>3.46 :1</u></b>
f) Oil cooler	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
g) Cooler Type	<b><u>N/A</u></b>	<b><u>N/A</u></b>
	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

**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**



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**7. SUSPENSION**

**701. General**

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

**705. Other type of suspension**

See description on additional form

**706. Stabiliser**

	Front	Rear
b) Effective diameter	<b><u>27.0</u>±0.2 mm</b>	<b><u>13.0</u> ±0.2mm</b>
c) Material	<b><u>STEEL</u></b>	<b><u>STEEL</u></b>

**707. Suspension Dampers**

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

**8. WHEELS**

**801. Wheels**

	Front	Rear
a) Diameter	<b><u>18"</u></b>	<b><u>18"</u></b>
b) Width	<b><u>8"</u></b>	<b><u>8"</u></b>

**803. Brakes**

- a) Braking system
- b) Number of master cylinders
- c) Servo-brakes

**HYDRAULIC**

**1**

yes  no

c1) Make and type **TBA**



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	Front	Rear
e) Number of cylinders per wheel	<u>2</u>	<u>1</u>
f) <b>Drum brakes</b>		
f1) Internal diameter	<u>N/A</u> ± 1.5 mm	<u>N/A</u> ± 1.5 mm
f2) Number of linings per wheel	<u>N/A</u>	<u>N/A</u>
g) <b>Disc brakes</b>		
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	<b>Aluminium alloy</b>	<b>Aluminium alloy</b>
g4) Thickness of new disc	<u>32</u> ± 1 mm	<u>18</u> ± 1 mm
g5) External diameter of the disc	<u>320</u> ± 1.5 mm	<u>286</u> ± 1.5 mm
g9) Ventilated discs	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
h) Parking brake	h1) Control system <b>CABLE</b>	
h2) Location of lever	<b>CENTER CONSOLE</b>	
	h3) On which wheels <input type="checkbox"/> Front <input checked="" type="checkbox"/> Rear	

**804. Steering**

- a) Type
- b) Servo-assistance
- Type of Assistance

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

**9. BODYWORK**

**901. Interior**

- a) Ventilation  yes  no
- b) Heating  yes  no
- c) Air Conditioning  yes  no

- f) Optional sun roof  yes  no

- f1) Type **MULTIFUNCTION / GM** f2) Control system **ELECTRIC**

- g) Opening system for side windows

Front	Rear
<b>MECHANICAL</b>	<b>MECHANICAL</b>



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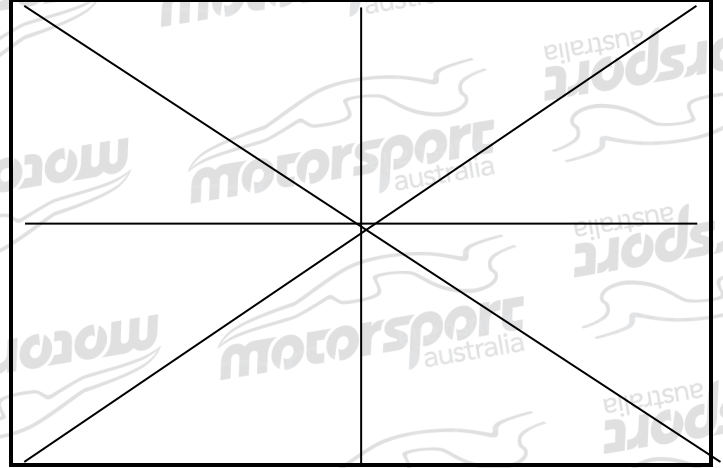
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X) Dashboard



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
<b><u>STEEL</u></b>	<b><u>STEEL</u></b>

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
<b><u>GLASS</u></b>	<b><u>GLASS</u></b>
<b><u>PLASTIC</u></b>	<b><u>PLASTIC</u></b>
<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no

l) Material of bumper

n) Exterior Rear wiper

**XIII) NON METALLIC PARTS OF THE BODY**

Number	Part	Material
92084849	MOULDING - ROCKER PANEL FRONT (RH)	Plastic
92084848	MOULDING - ROCKER PANEL FRONT (LH)	Plastic
92084177	SPOILER ASM - REAR END, UNPAINTED,	Plastic
92146382	APPLIQUE ASM - REAR COMPARTMENT LID	Plastic (photo or drawing to come)
92083826	FACIA ASM - FRONT BUMPER BAR	Plastic
92083776	FACIA - REAR BUMPER	Plastic
92113237	GRILLE ASM - RADIATOR (SKIRT BLACK)	Plastic (photo or drawing to come)





**COMPLEMENTARY INFORMATION**

