

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 REDLINE SEDAN

103. Engine capacity

5967 cm³ Corrected engine capacity **5967** × **1** = **5967** cm³

104. Type of car construction

a) Type

☐

separate chassis

☒
monocoque

b) Material of chassis / bodyshell **STEEL**

106. Number of seats

5

2. DIMENSIONS, WEIGHT

Minimum Racing Weight **1618** 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

Make

Holden

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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

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 ALLOY324. Fuel feed by injection : a) Make GMb) 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

1c) Number of valves per cylinder 1

Make**Holden**Model**Commodore VE2 SS V Redline****3-19-002****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 $\pm$ 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 systemCapacity **11** L**332. Cooling fan**

- 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

☒ yes	☐ 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)

☒ Elelectrical	☐ 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)

☐ yes	☒ no
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- b) Control system **N/A**

6. POWER TRAIN

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front

☐

yes

☒

no

rear

☒

yes

☐

no

602. Clutch

a) Type

DIAPHRAM

b) Control system

HYDRAULIC**603. Gearbox**

a) Location

MID CENTRAL

b) Make

TREMEC

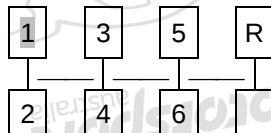
c) Type and location of control

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	—	—	—	—

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

☐

yes

☒

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**

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701. General

a) Type of suspension

INDEPENDENT MCPHERSON STRUTDOUBLE A

702. Helical springs

☒ yes☐ no☒ yes☐ no

a) Material

STEELSTEEL

703. Leaf springs

☐ yes☒ no☐ yes☒ no

a) Material

N/AN/A

704. Torsion bars

☐ yes☒ no☐ yes☒ no

a) Material

N/AN/A

705. Other type of suspension

See description on additional form

706. Stabiliser

b) Effective diameter

26 mm18 mm

c) Material

STEELSTEEL

707. Suspension Dampers

a) Number per wheel

11

b) Type

TELESCOPICTELESCOPIC

c) Principle of operation

HYDRAULICHYDRAULIC

8. WHEELS

801. Wheels

a) Diameter

19"19"

b) Width

9"9"

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

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	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>1</u>
f) Drum brakes		
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	Aluminium alloy	Aluminium alloy
g4) Thickness of new disc	<u>32</u> ± 1 mm	<u>22</u> ± 1 mm
g5) External diameter of the disc	<u>355</u> ± 1.5 mm	<u>324</u> ± 1.5 mm
g9) Ventilated discs	☒ yes ☐ no	☒ yes ☐ no

h) Parking brake: h1) Control system **CABLE**h2) Location of lever **CENTER CONSOLE**

h3) On which wheels

☐ Front	☒ Rear
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804. Steering

a) Type

b) Servo-assistance

Type of Assistance

Front	Rear
<u>RACK AND PINION</u>	<u>N/A</u>
☒ yes ☐ no	☐ yes ☒ no
<u>HYDRAULIC</u>	<u>N/A</u>

9. BODYWORK**901. Interior**

a) Ventilation

c) Air Conditioning

b) Heating

☒ yes	☐ no
☒ yes	☐ no

☒ yes	☐ no
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f) Optional sun roof

☒ yes	☐ no
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f1) Type

YES

f2)

Control system

ELECTRIC

g) Opening system for side windows

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

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X) Dashboard



Y) Sunroof

**902. Exterior**a) Number of doors **4**

b) Tailgate

☐ yes☒ no

c) Door material

Front	Rear
<u>STEEL</u>	<u>STEEL</u>

d) Front bonnet material

STEEL

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

GLASSi) Rear quarter window material **GLASS**

k) Side window material

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

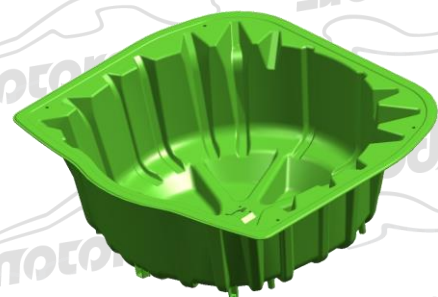
l) Material of bumper

n) Exterior Rear wiper

☐ yes	☒ no
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Make**Holden**Model**Commodore VE2 SS V Redline****3-19-002****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

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Spare Wheel Well



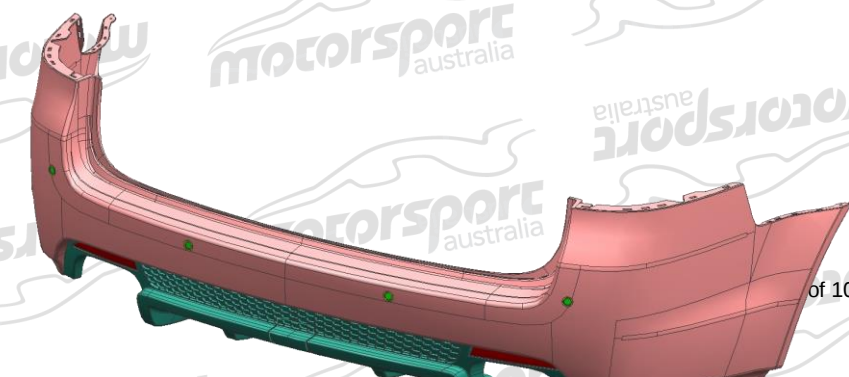
Front Facia



RH Side Skirt



LH Side Skirt



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