

Group 3E RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front



B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

HOLDEN SPECIAL VEHICLES

102. Commercial name(s) - Model and type

VE CLUBSPORT R8

103. Engine capacity

6162 cm³ Corrected engine capacity 6162 x 1 = 6162 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

1651 kg

202. Overall length

4943 mm ± 1 %

203. Maximum overall width

2099 mm ± 1 % Where measured **EXTERNAL MIRRORS**

204. Width of bodywork

a) At front axle **1880 mm ± 1 %**

b) At rear axle **1898 mm ± 1 %**

206. Wheelbase **2915 mm ± 1 %**

207. Maximum track

a) Front **1592 mm**

b) Rear **1590 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

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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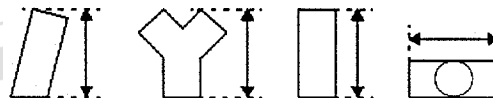
Maximum manifold pressure **N/A**

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

305. Number and layout of cylinders **90 DEG VEE 8**

312. Cylinder block material **ALUMINIUM ALLOY**

310. Maximum compression ratio **10.7 : 1**



<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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313. Sleeves

a) yes no

b) Material **STEEL**

c) wet dry

314. Bore **103.25** +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
CHAIN

b) Location

CYLINDER CASE

c) Drive system

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**



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328. Exhaust

- a) Material of manifold **STEEL**
- b) Number of manifold elements **1**
- d) Number of valves per cylinder **1**
- p) External Diameter of exhaust pipe between manifold and first silencer **78** mm ± 5%

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 **11** L

332. Cooling fan

- a) Number **2**
- b) Diameter of the fan **350** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **9 / 7**
- e) Type of drive **ELECTRICAL**
- 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 **8.3** L
- e) Location of the cooler(s) **N/A**
- f) Type of the cooler(s) **N/A**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **IN BOOT**
- d) Total capacity **73** L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<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 _____

6. POWER TRAIN

601. Driven wheels

- front

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- rear

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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602. Clutch

- a) Type **DIAPHRAM**
- b) Control system **HYDRAULIC**



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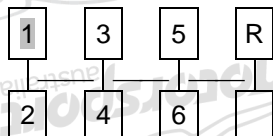
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603. Gearbox

- a) Location **MID CENTRAL** b) Make **TREMEC**
 c) Type and location of control **H PATTERN / FLOOR CENTRAL**
 e) Ratios

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

b) Ratio

f) Oil Cooler

g) Cooler Type

	Front	Rear
a) Type of final drive	N/A	HYPOID
b) Ratio	N/A	3.7:1
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 **2 PIECE HOLLOW**
 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	MACPHERSON STRUT	MULTI-LINK IRS
702. Helical springs	<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	20 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	20"	20"
b) Width	8"	9.5"
c) Offset	+48 mm	+57 mm



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803. Brakes

a) Braking system

HYDRAULIC

b) Number of master cylinders

1

c) Servo-brakes

yes no

c1) Make and type

PBR

	Front	Rear
e) Number of cylinders per wheel	<u>4</u>	<u>4</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	<u>ALUMINIUM ALLOY</u>	<u>ALUMINUM ALLOY</u>
g4) Thickness of new disc	<u>32 ± 1 mm</u>	<u>26 ± 1 mm</u>
g5) External diameter of the disc	<u>365 ± 1.5 mm</u>	<u>350 ± 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

MID CENTRE CABIN

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>	

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

N/A

f2)

Control system

N/A

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

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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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

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

PLASTIC

PLASTIC

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
1	Front facia	plastic
2	Rear facia	plastic
3	LH rocker panel molding	plastic



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4	RH rocker panel molding	plastic
5	Spare wheel well	plastic
6	Front Bonnet Moulding	plastic

1. Front Facia**2. Rear Facia****3. 4. Rocker Panel (L/R)****5. Spare Wheel well****6. Front bonnet mould**

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COMPLEMENTARY INFORMATION



H Rocker

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Rear Facia



Front Hood Moulding

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